

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026798.D
 Acq On : 1 May 2017 7:23
 Operator : SJ/MA
 Sample : I2846-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.650	430	436	454	rVB	953014	2260776	6.70%	0.456%
2	6.020	492	499	507	rVB	1202972	2089109	6.19%	0.422%
3	7.001	655	666	671	rVV2	1113652	2137121	6.34%	0.431%
4	7.095	678	682	688	rVV	2572611	4104943	12.17%	0.829%
5	7.160	688	693	700	rVV3	1523622	3535471	10.48%	0.714%
6	7.231	700	705	714	rVB	1946250	3309449	9.81%	0.668%
7	7.401	728	734	741	rVB	1232557	2003135	5.94%	0.404%
8	7.659	768	778	786	rVV2	5142463	10205170	30.25%	2.060%
9	7.989	828	834	841	rBV3	811865	2007178	5.95%	0.405%
10	8.124	853	857	865	rVB	1640039	2846440	8.44%	0.575%
11	8.553	924	930	935	rVV2	1693281	3235976	9.59%	0.653%
12	8.647	941	946	955	rBV2	2967713	5949318	17.64%	1.201%
13	9.017	1004	1009	1016	rVB	1156272	1995588	5.92%	0.403%
14	9.117	1016	1026	1031	rBV	2659995	4930463	14.62%	0.995%
15	9.199	1031	1040	1042	rVV2	944794	2608905	7.73%	0.527%
16	9.234	1042	1046	1052	rVB	3118206	4875042	14.45%	0.984%
17	9.363	1057	1068	1075	rBV5	889857	2664241	7.90%	0.538%
18	9.451	1075	1083	1098	rBV6	726705	2889189	8.56%	0.583%
19	9.640	1110	1115	1120	rBV2	1291633	2166476	6.42%	0.437%
20	9.698	1120	1125	1129	rBV	1686544	2788178	8.27%	0.563%
21	9.892	1150	1158	1162	rBV2	1196486	2338777	6.93%	0.472%
22	10.004	1171	1177	1182	rVV3	1020950	2391537	7.09%	0.483%
23	10.057	1182	1186	1197	rVB3	1572264	4102765	12.16%	0.828%
24	10.157	1197	1203	1207	rBV2	1466896	2505459	7.43%	0.506%
25	10.209	1207	1212	1220	rVV3	2272875	5742042	17.02%	1.159%
26	10.444	1247	1252	1258	rVB	1505169	2721359	8.07%	0.549%
27	10.726	1286	1300	1303	rBV7	636620	2369621	7.02%	0.478%
28	10.779	1303	1309	1318	rVV3	6203120	13230560	39.22%	2.671%
29	10.856	1318	1322	1330	rVV5	895427	2654583	7.87%	0.536%
30	10.926	1330	1334	1337	rVV3	1068394	2150474	6.37%	0.434%
31	10.967	1337	1341	1346	rVB	1979487	3242620	9.61%	0.655%
32	11.026	1346	1351	1359	rBV4	930701	1961238	5.81%	0.396%
33	11.279	1389	1394	1403	rVB4	1250014	3440637	10.20%	0.695%
34	11.467	1422	1426	1429	rVV2	1053240	1949354	5.78%	0.394%

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35	11.508	1429	1433	1440	rVV5	1552536	3678096	10.90%	0.743%
36	11.643	1450	1456	1461	rBV3	1665567	3061259	9.07%	0.618%
37	11.719	1461	1469	1476	rVV3	2733357	5949968	17.64%	1.201%
38	11.825	1482	1487	1498	rVV3	2585770	6293735	18.66%	1.271%
39	11.996	1508	1516	1523	rBV2	2299196	4461550	13.23%	0.901%
40	12.219	1545	1554	1560	rBV	7317553	12619220	37.41%	2.548%
41	12.348	1570	1576	1581	rVB4	1133280	1909424	5.66%	0.386%
42	12.436	1584	1591	1604	rVB3	1857123	5843085	17.32%	1.180%
43	12.707	1625	1637	1642	rBV3	1892447	5976096	17.72%	1.207%
44	12.848	1655	1661	1664	rBV3	1365951	2122884	6.29%	0.429%
45	12.889	1664	1668	1676	rBV4	970375	2354817	6.98%	0.475%
46	13.024	1687	1691	1696	rVB2	1759431	2448467	7.26%	0.494%
47	13.112	1702	1706	1711	rBV5	1152475	2063473	6.12%	0.417%
48	13.165	1711	1715	1721	rVB3	3158052	4972062	14.74%	1.004%
49	13.453	1756	1764	1771	rBV	9721224	16368006	48.52%	3.305%
50	13.570	1776	1784	1788	rVB4	1267033	2837708	8.41%	0.573%
51	13.788	1813	1821	1835	rBV6	1327504	4479537	13.28%	0.904%
52	13.958	1844	1850	1853	rBV2	1045471	2117874	6.28%	0.428%
53	14.011	1854	1859	1864	rVB4	1901398	4215632	12.50%	0.851%
54	14.105	1865	1875	1878	rVV3	3949770	8104966	24.03%	1.636%
55	14.146	1878	1882	1886	rVB2	2206898	2936693	8.71%	0.593%
56	14.217	1890	1894	1899	rVB3	1809695	2968950	8.80%	0.599%
57	14.316	1907	1911	1916	rVV3	1653691	2406585	7.13%	0.486%
58	14.457	1931	1935	1940	rVB3	1347338	2269837	6.73%	0.458%
59	14.522	1940	1946	1953	rBV	12385805	18499909	54.84%	3.735%
60	14.593	1953	1958	1961	rBV4	2260454	3881957	11.51%	0.784%
61	14.622	1961	1963	1969	rVB2	1871298	2914826	8.64%	0.589%
62	14.845	1995	2001	2007	rVB5	1340030	3055975	9.06%	0.617%
63	14.974	2015	2023	2026	rBV4	1409751	3883712	11.51%	0.784%
64	15.016	2026	2030	2035	rVB	1980944	3332281	9.88%	0.673%
65	15.068	2036	2039	2042	rVV	1374873	1906443	5.65%	0.385%
66	15.133	2042	2050	2058	rVV6	3295110	8217555	24.36%	1.659%
67	15.239	2065	2068	2074	rBV4	1035693	2300097	6.82%	0.464%
68	15.468	2101	2107	2112	rVV	12404878	18717446	55.48%	3.779%
69	15.568	2120	2124	2128	rVV4	1184041	2346757	6.96%	0.474%
70	15.615	2128	2132	2135	rVB	1524833	2126347	6.30%	0.429%
71	15.873	2165	2176	2186	rBV	5949642	14100735	41.80%	2.847%

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72	15.962	2186	2191	2197	rVB3	1891789	2951944	8.75%	0.596%
73	16.020	2197	2201	2207	rBV3	1707375	3658618	10.85%	0.739%
74	16.079	2207	2211	2216	rVB	2663514	3553552	10.53%	0.717%
75	16.332	2248	2254	2269	rVV2	12842269	33734485	100.00%	6.811%
76	16.661	2306	2310	2314	rBV	1433828	2210597	6.55%	0.446%
77	16.725	2317	2321	2325	rVB2	2118404	3059645	9.07%	0.618%
78	16.896	2344	2350	2353	rBV3	1365488	2553906	7.57%	0.516%
79	17.119	2382	2388	2392	rBV	11929551	16663331	49.40%	3.364%
80	17.172	2392	2397	2407	rVB	7161086	12992152	38.51%	2.623%
81	17.360	2425	2429	2434	rBV4	2313385	4344071	12.88%	0.877%
82	17.460	2443	2446	2455	rVB3	2236240	3964872	11.75%	0.801%
83	17.583	2464	2467	2473	rVB	1416218	2308836	6.84%	0.466%
84	17.648	2474	2478	2484	rVB5	1524447	2818715	8.36%	0.569%
85	17.771	2495	2499	2506	rBV	2118065	3733395	11.07%	0.754%
86	17.853	2508	2513	2518	rVB	11392855	15042934	44.59%	3.037%
87	18.130	2557	2560	2568	rBV4	871803	1955822	5.80%	0.395%
88	18.247	2575	2580	2583	rBV2	2263641	3436729	10.19%	0.694%
89	18.541	2625	2630	2635	rVB	8319813	10580635	31.36%	2.136%
90	18.993	2704	2707	2711	rVB2	1378015	1860702	5.52%	0.376%
91	19.099	2721	2725	2730	rVB3	1894476	3435502	10.18%	0.694%
92	19.164	2731	2736	2741	rBV	7240607	9075728	26.90%	1.832%
93	19.328	2761	2764	2769	rBV3	951665	1909619	5.66%	0.386%
94	19.739	2829	2834	2838	rVB3	5889715	7192730	21.32%	1.452%
95	19.927	2860	2866	2872	rBV4	1403746	3609237	10.70%	0.729%
96	20.262	2918	2923	2927	rBV	3758487	5425265	16.08%	1.095%
97	21.484	3128	3131	3142	rVB	2181597	4025121	11.93%	0.813%
98	21.614	3149	3153	3168	rVB2	2089095	5353408	15.87%	1.081%
99	24.563	3651	3655	3662	rVB2	1006816	2360885	7.00%	0.477%
100	24.781	3686	3692	3709	rVB3	1307307	4331643	12.84%	0.875%

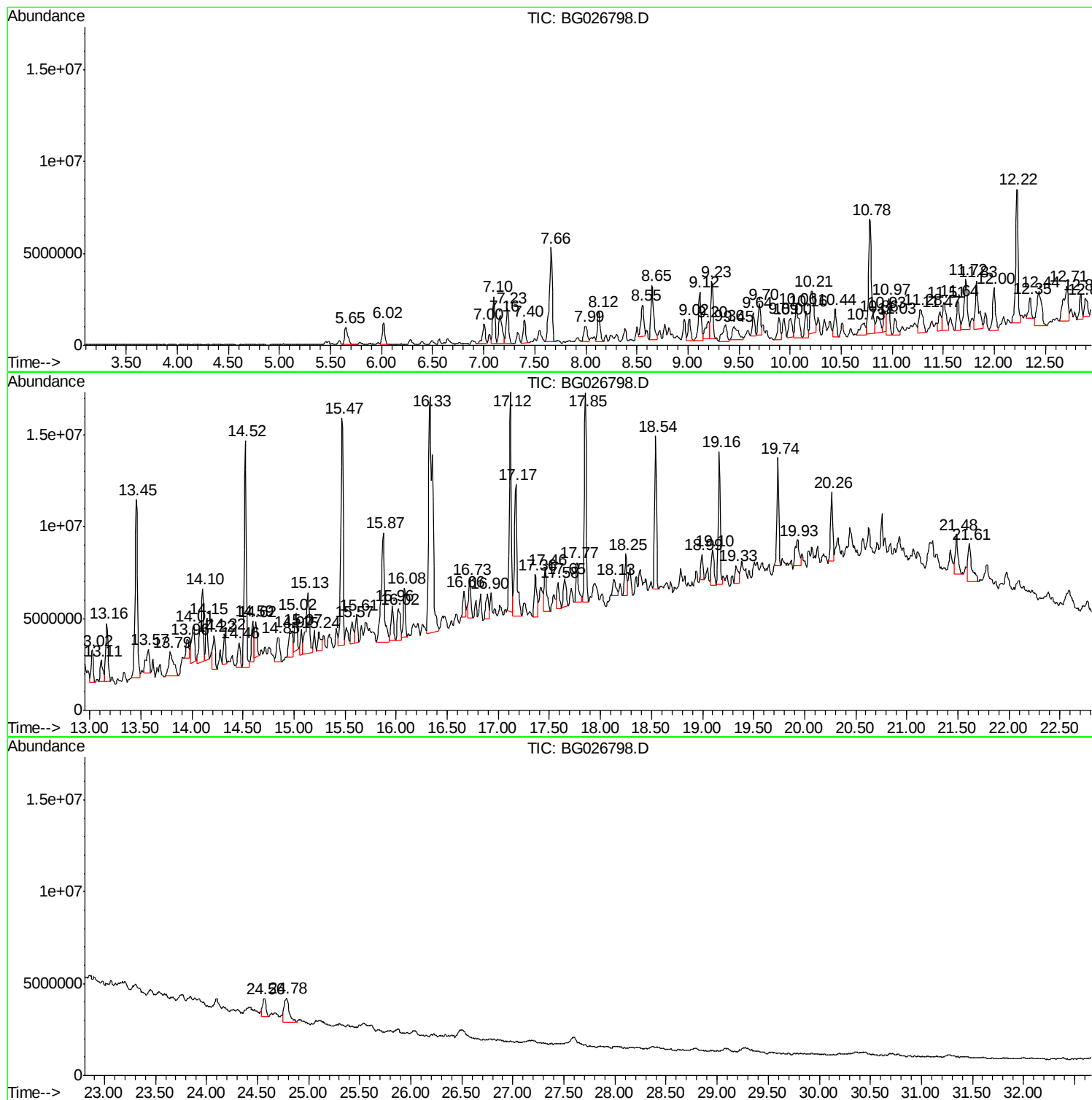
Sum of corrected areas: 495291237

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BNA_G
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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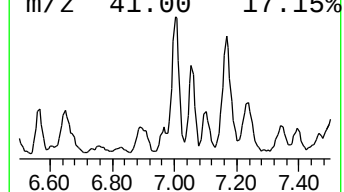
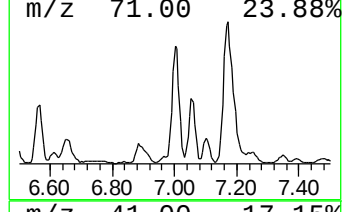
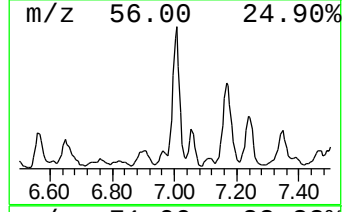
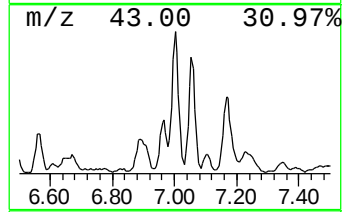
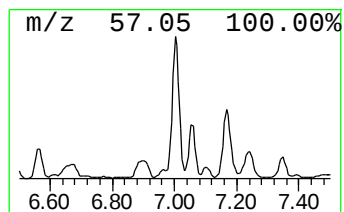
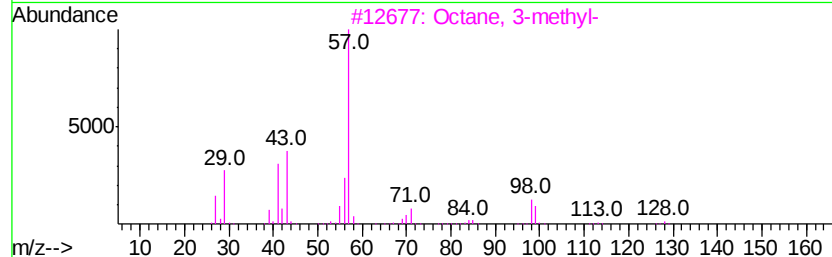
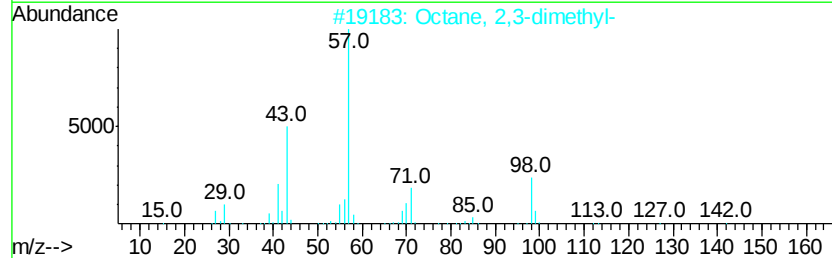
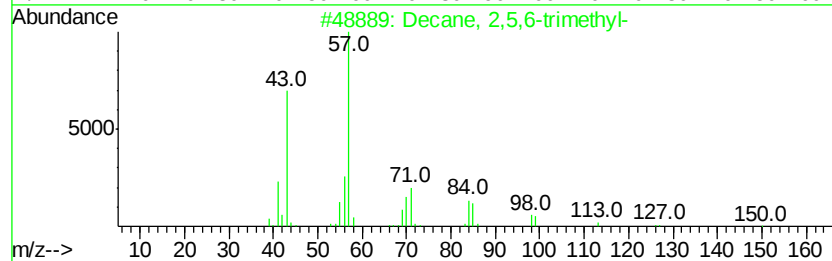
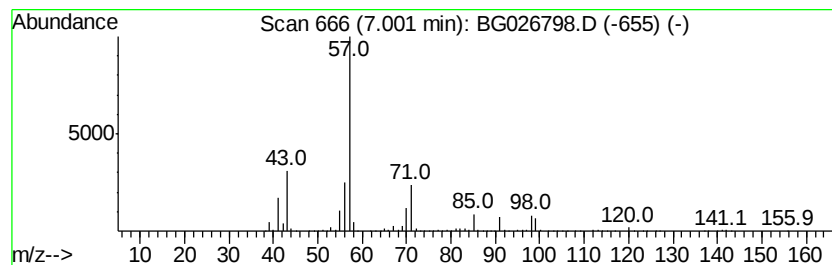
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	21.29 ng/ul	2137120	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3			Octane, 3-methyl-	128	C9H20	002216-33-3	50
4			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47



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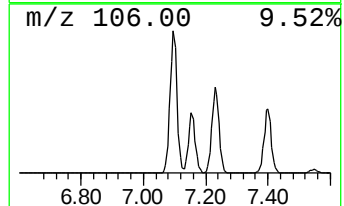
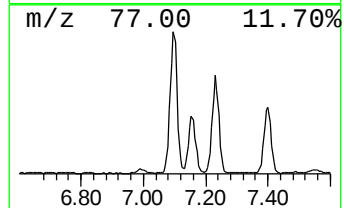
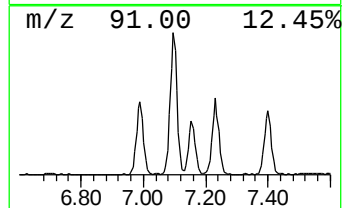
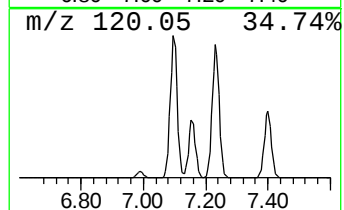
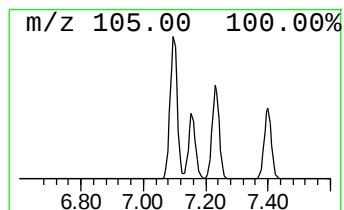
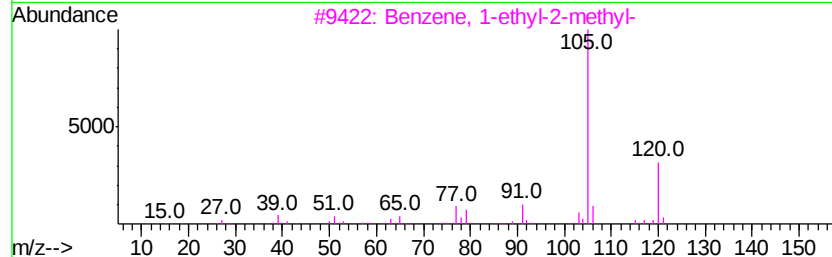
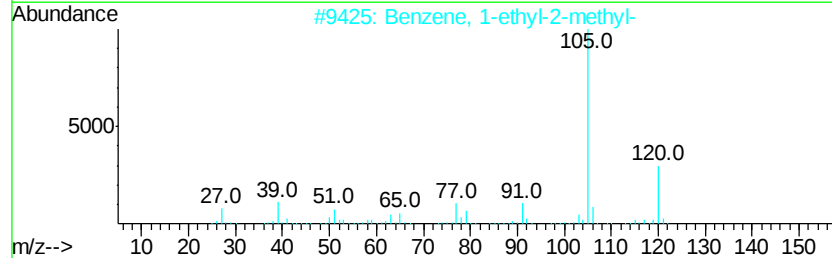
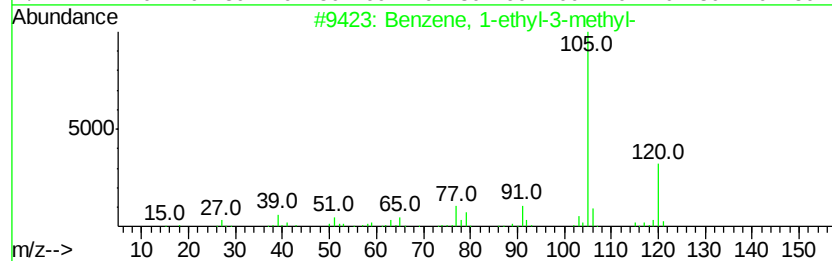
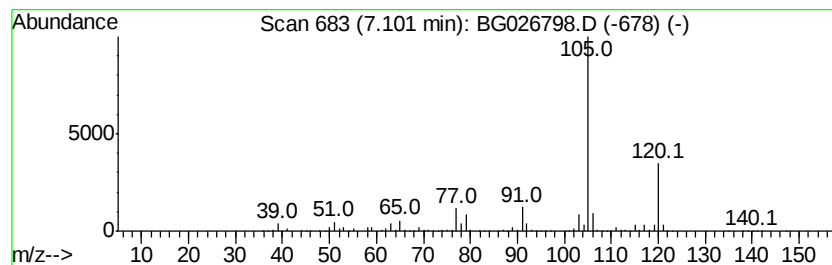
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	40.90 ng/ul	4104940	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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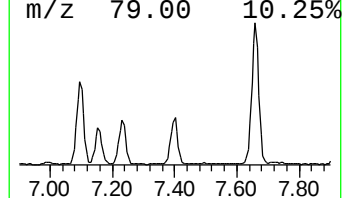
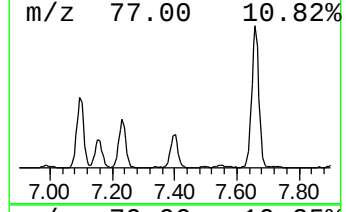
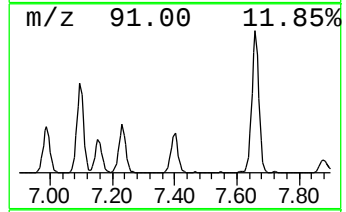
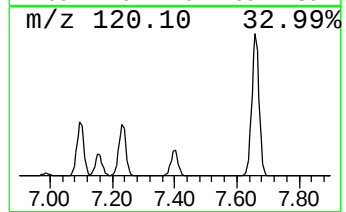
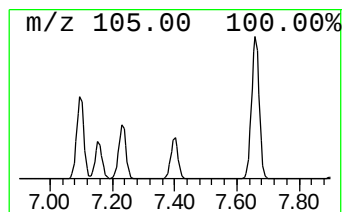
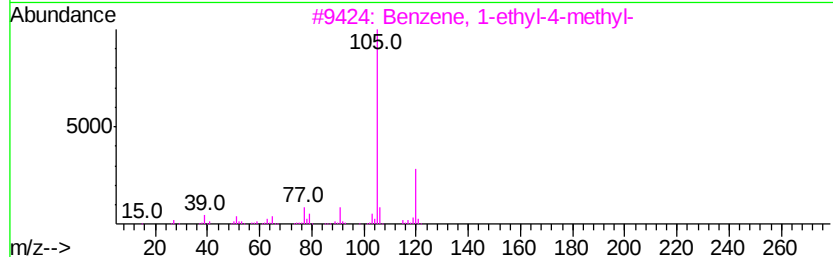
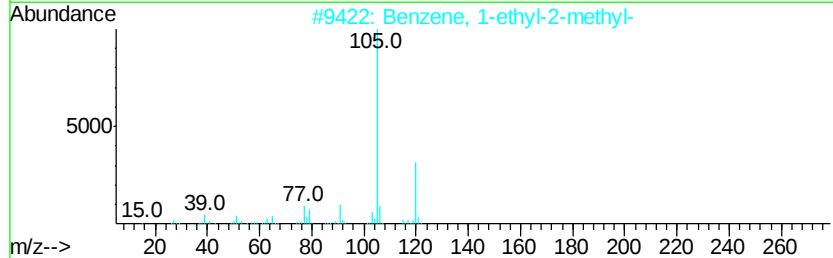
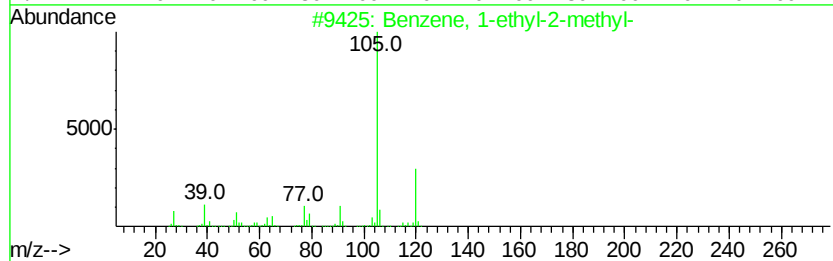
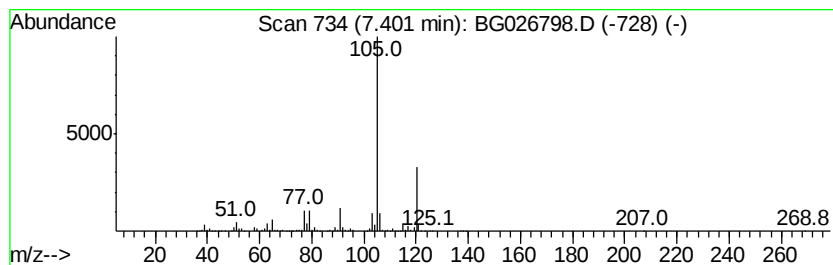
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	19.96 ng/ul	2003140	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
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Instrument :
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ClientSampleId :
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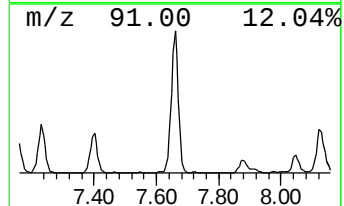
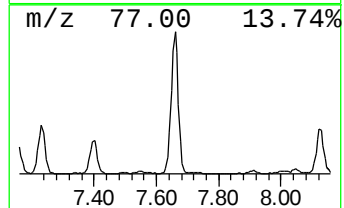
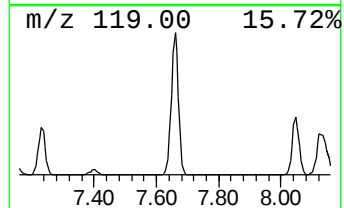
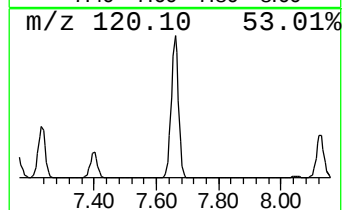
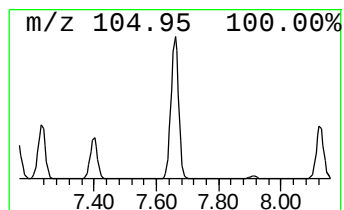
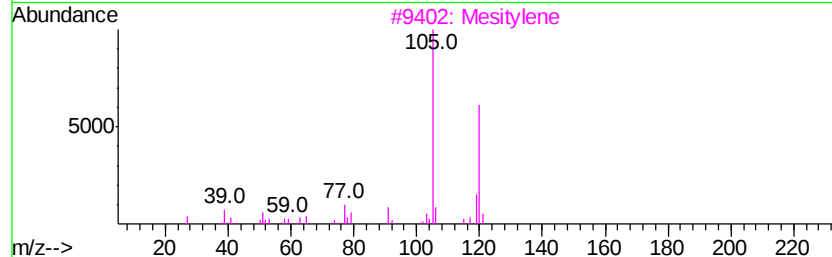
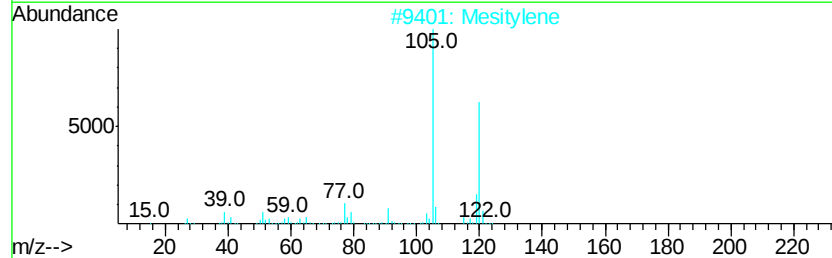
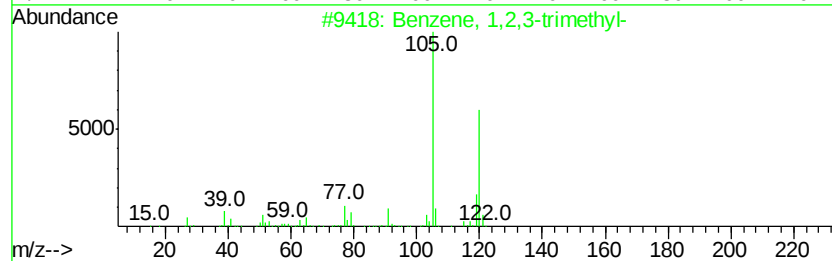
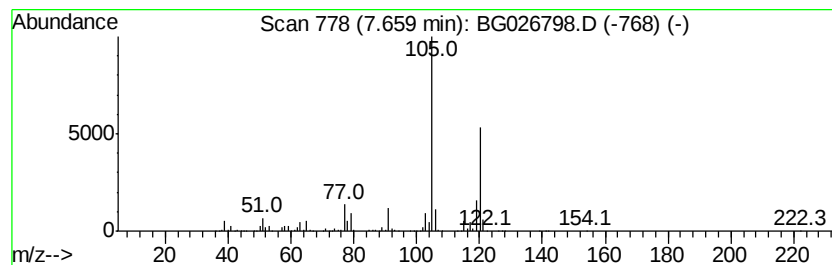
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	101.69 ng/ul	10205200	1,4-Dichlorobenzene-d4	8.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Operator : SJ/MA
Sample : I2846-12
Misc :
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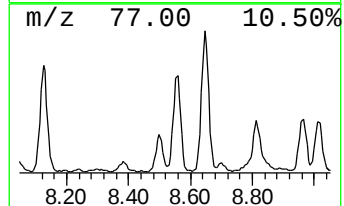
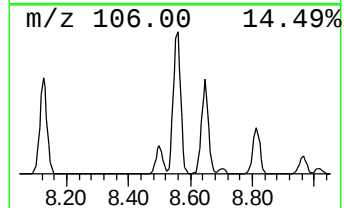
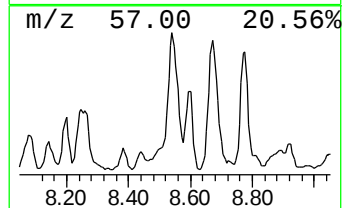
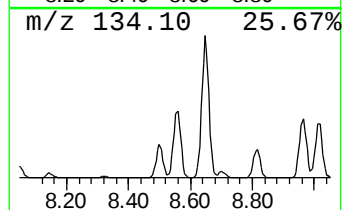
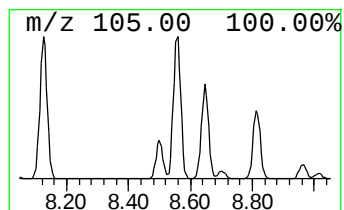
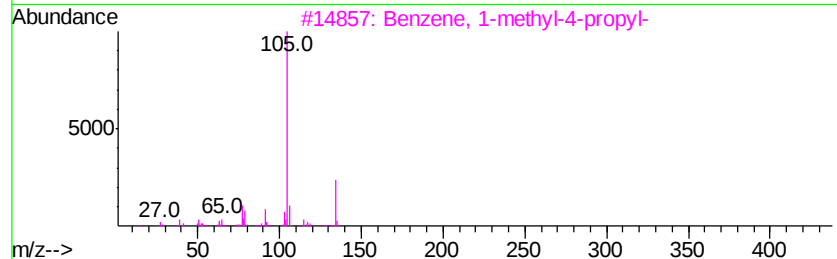
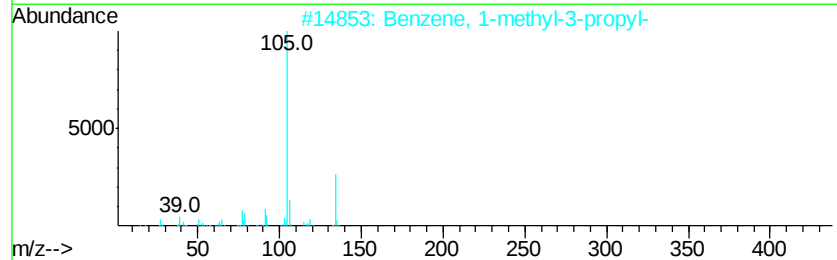
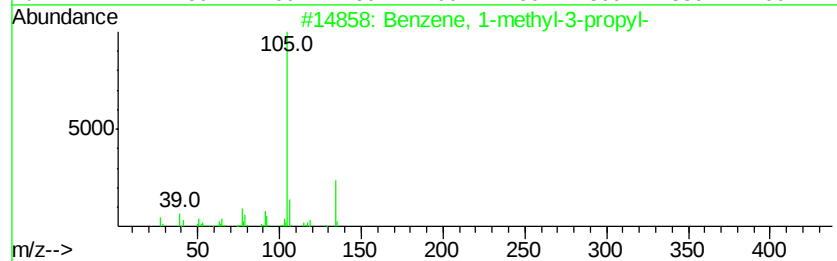
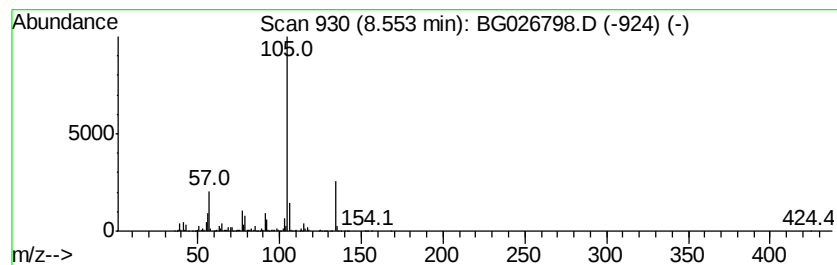
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	32.24 ng/ul	3235980	1,4-Dichlorobenzene-d4	8.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	87
4	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	83
5	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

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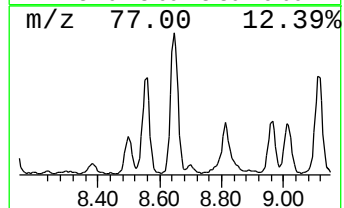
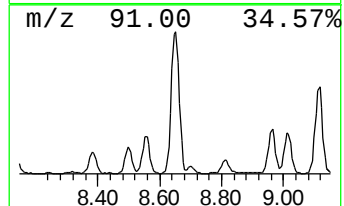
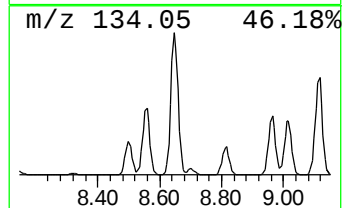
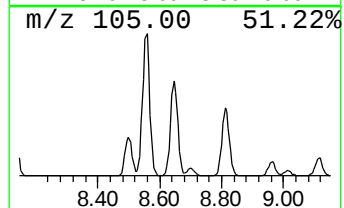
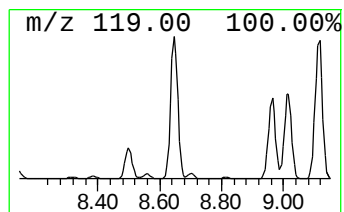
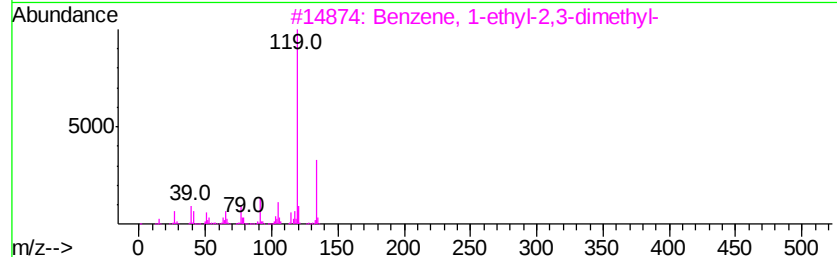
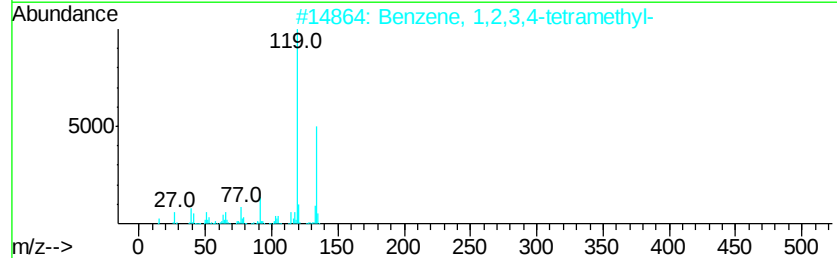
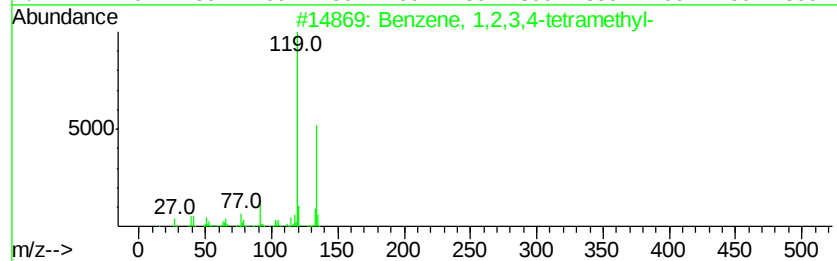
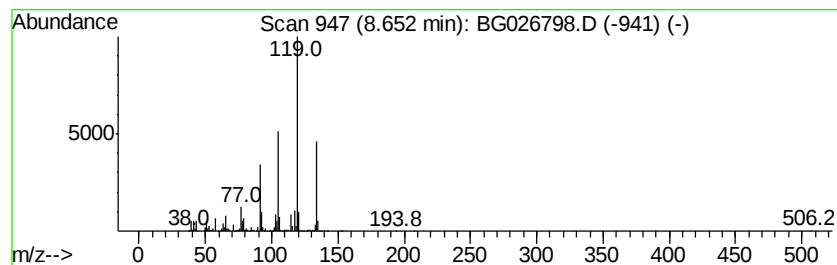
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	59.28 ng/ul	5949320	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
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Misc :
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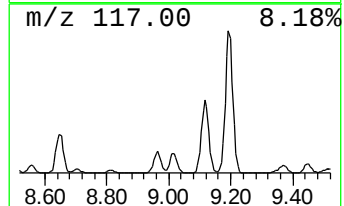
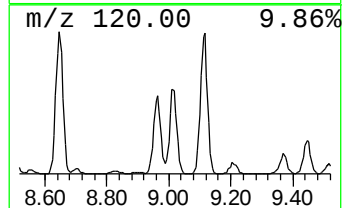
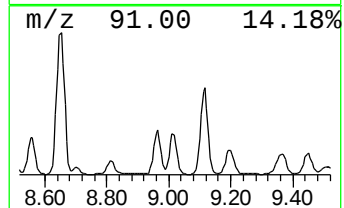
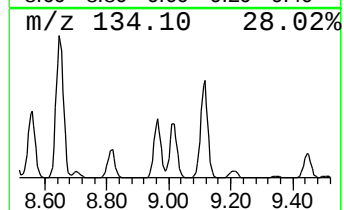
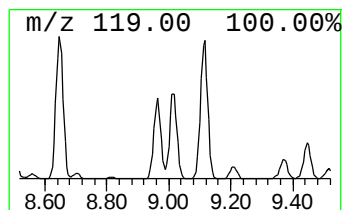
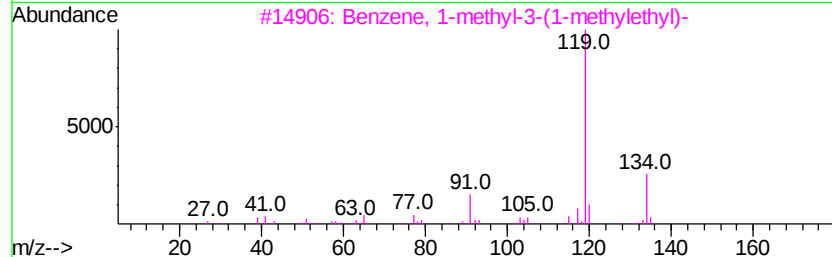
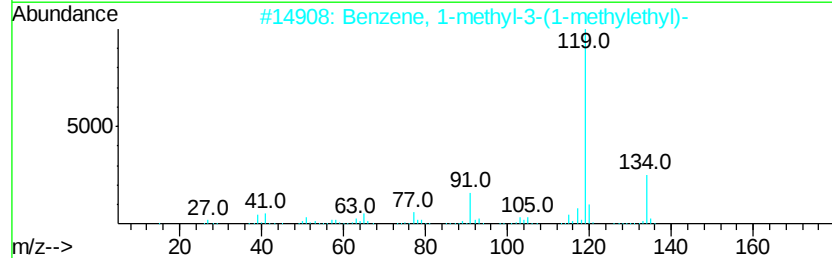
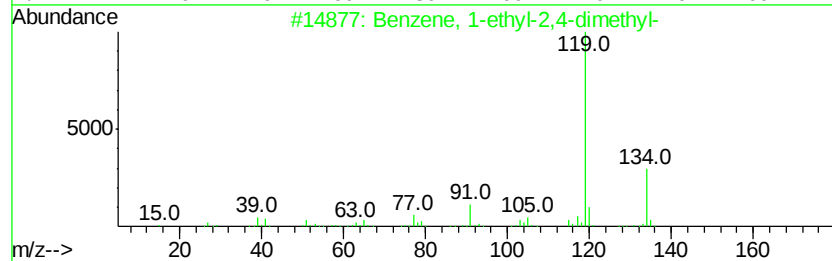
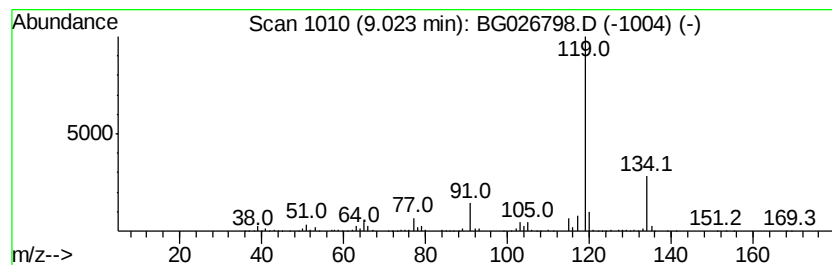
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	19.88 ng/ul	1995590	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Acq On : 1 May 2017 7:23
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Misc :
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Instrument :
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ClientSampleId :
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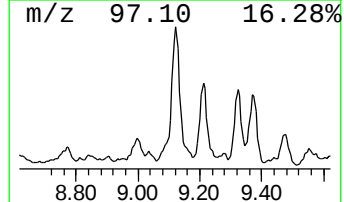
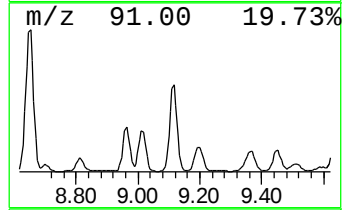
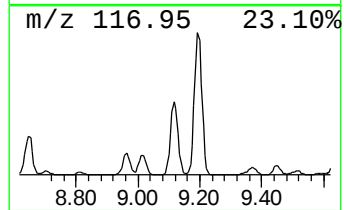
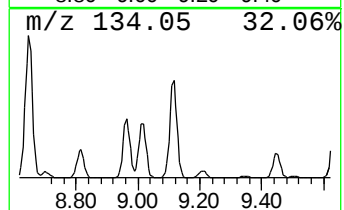
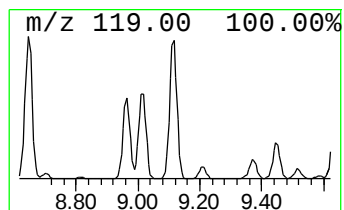
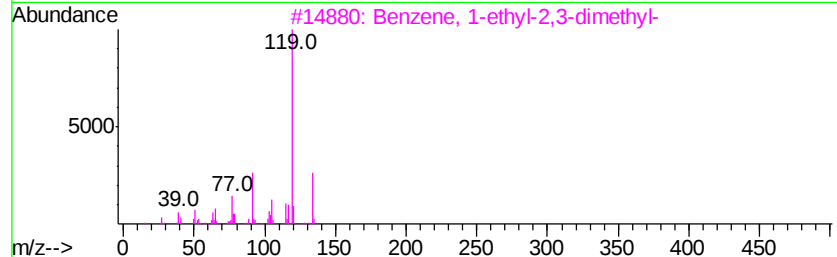
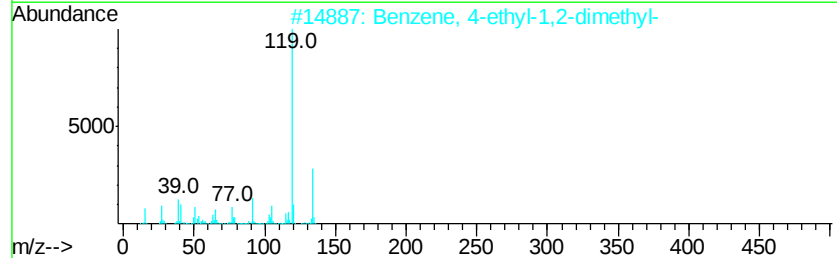
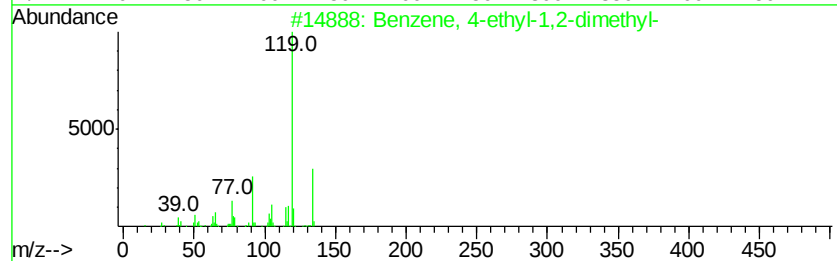
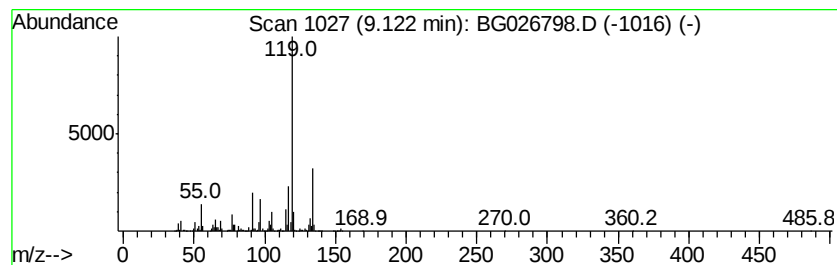
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	49.13 ng/ul	4930460	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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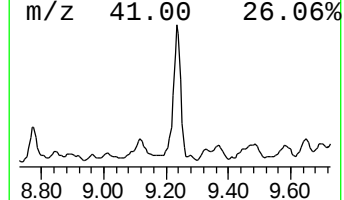
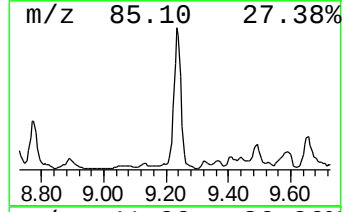
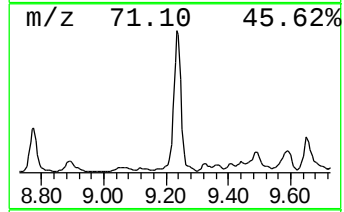
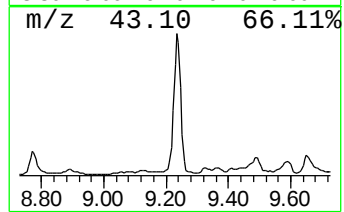
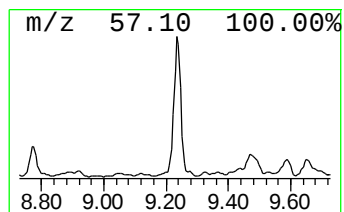
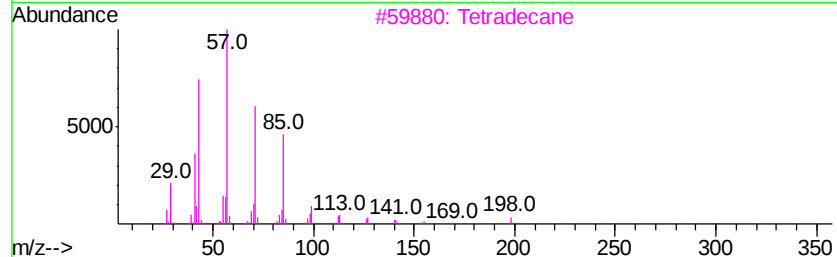
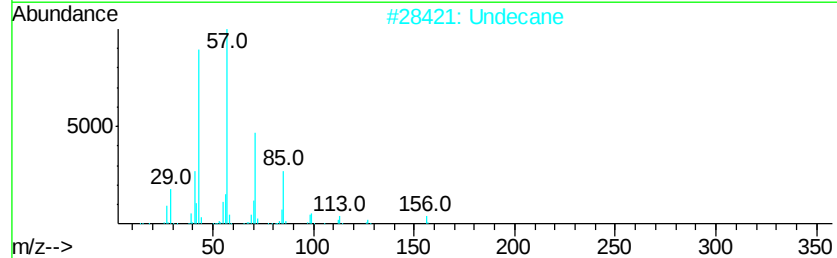
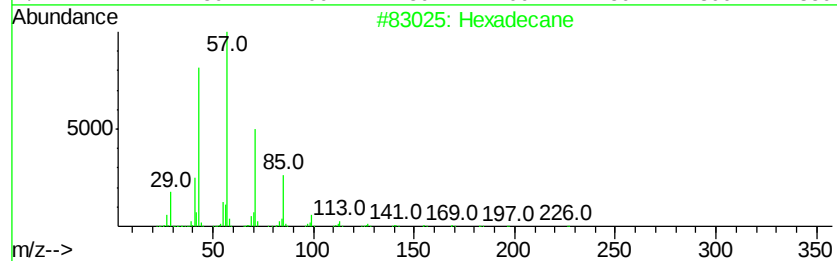
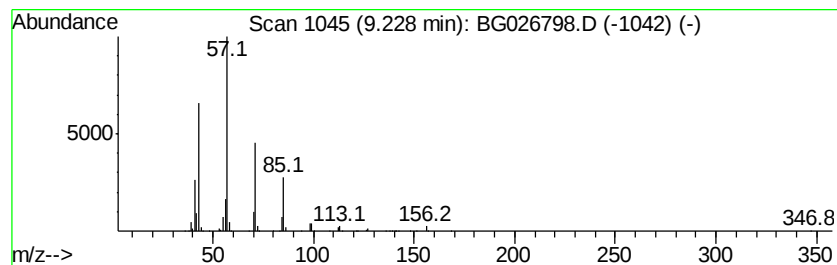
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	48.58 ng/ul	4875040	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Undecane	156	C11H24	001120-21-4	83
3		Tetradecane	198	C14H30	000629-59-4	83
4		Decane	142	C10H22	000124-18-5	83
5		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
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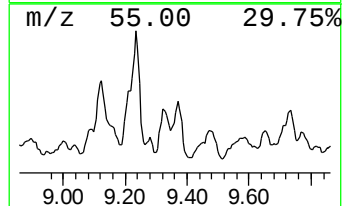
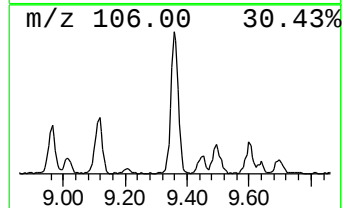
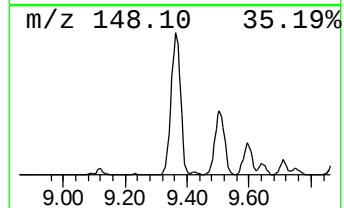
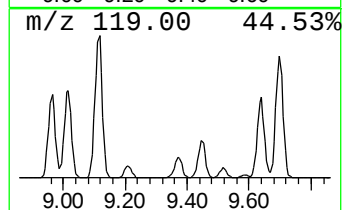
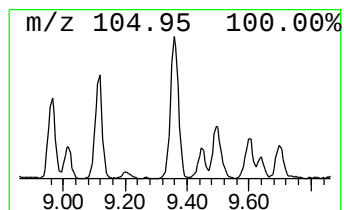
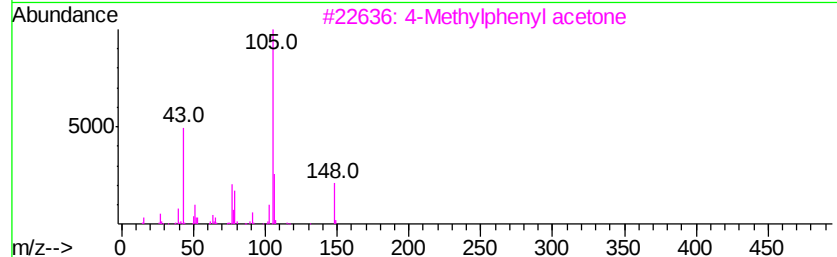
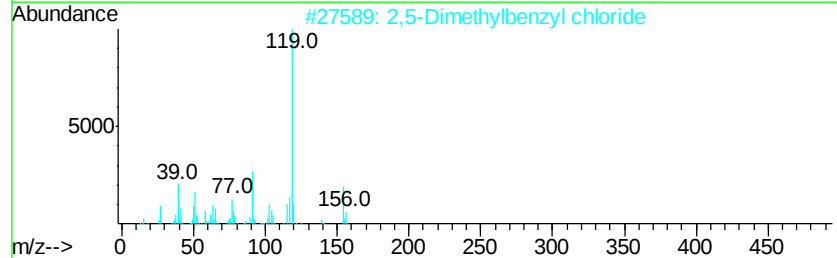
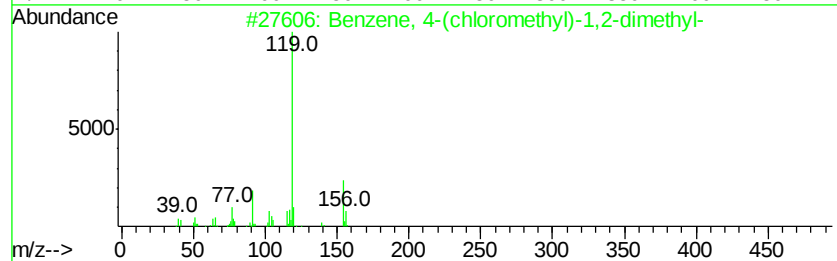
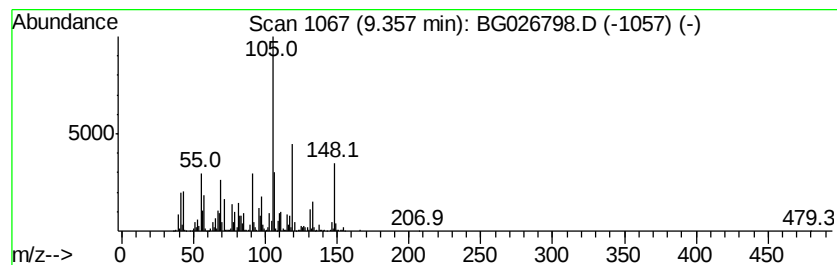
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	26.55 ng/ul	2664240	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	42
2		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	38
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
4		2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	38
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

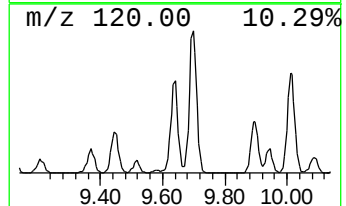
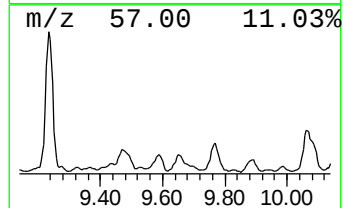
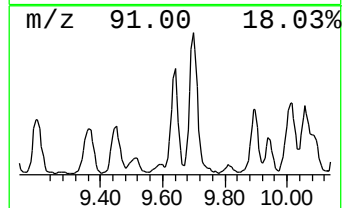
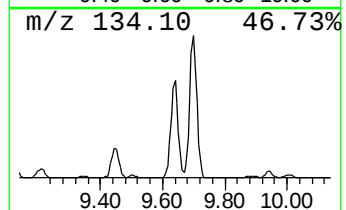
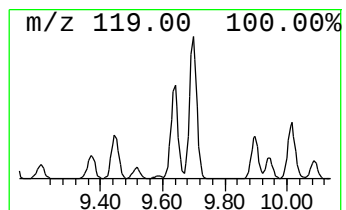
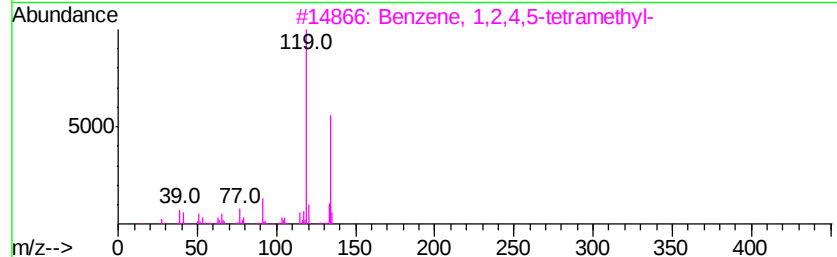
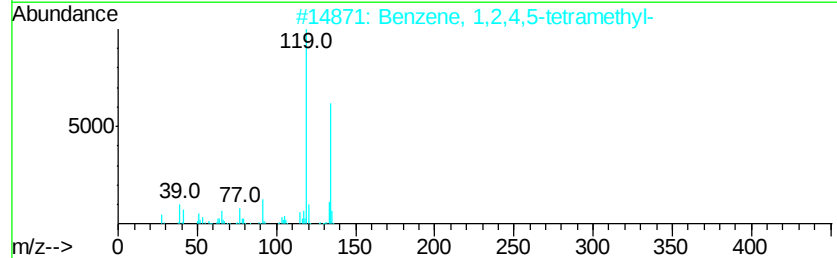
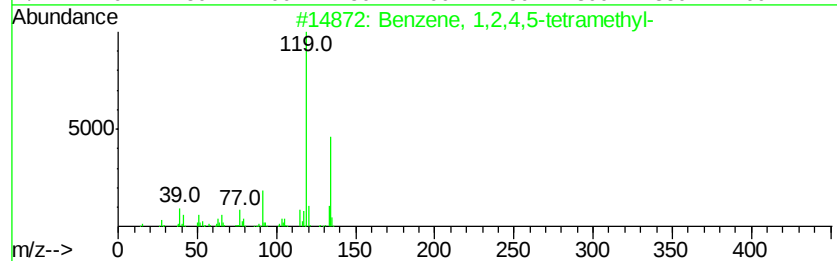
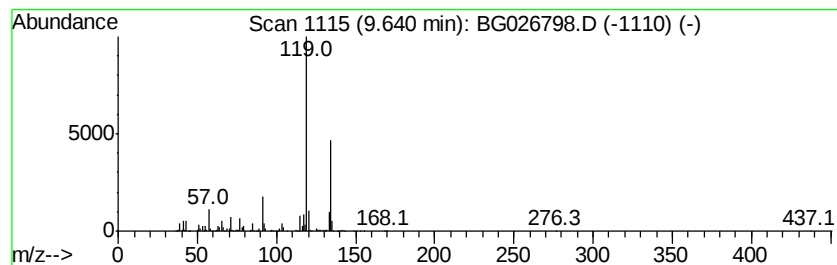
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	3.27 ng/ul	2166480	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

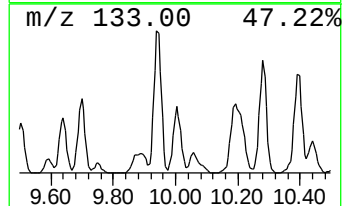
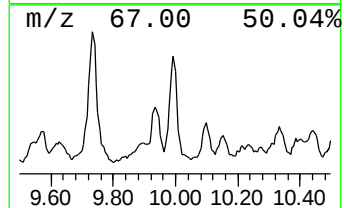
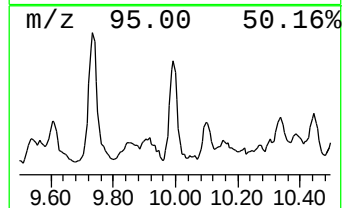
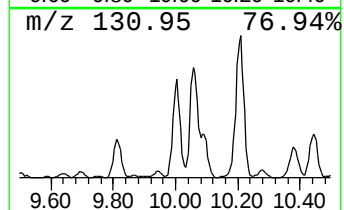
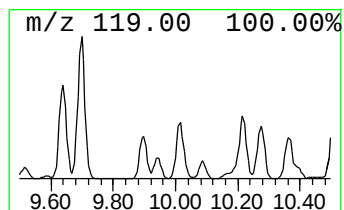
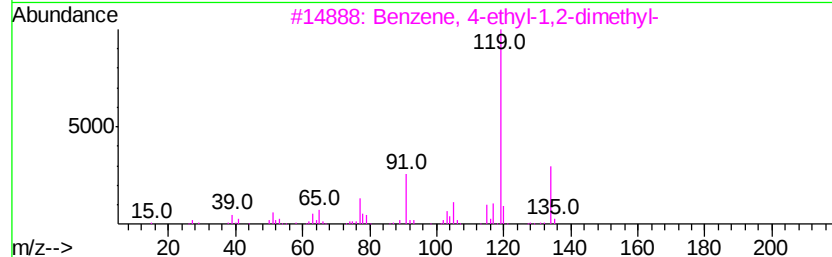
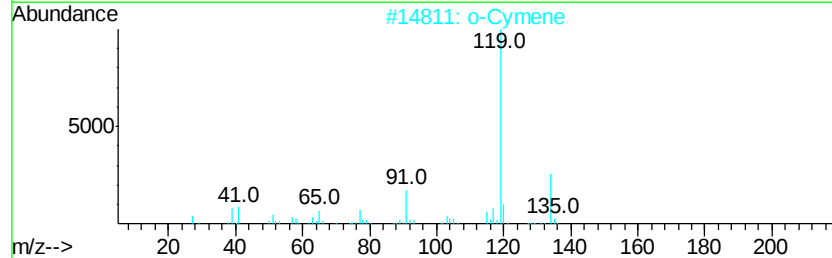
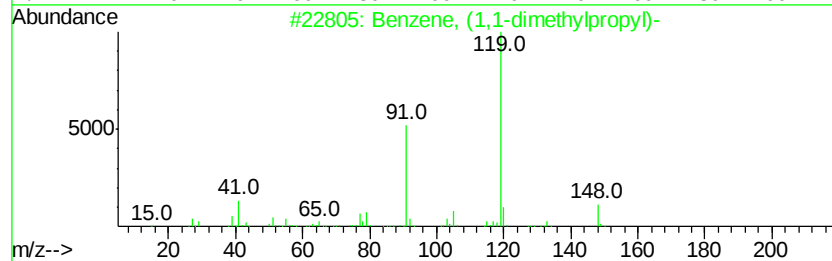
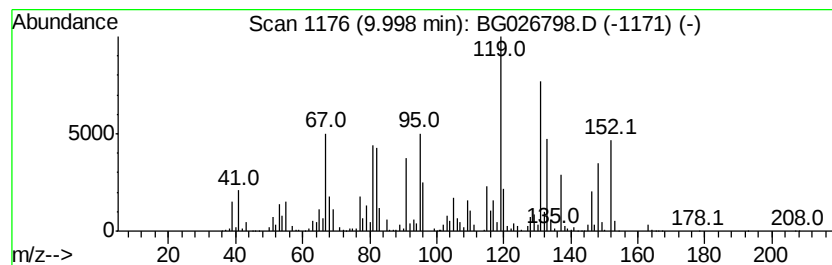
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-02 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.62 ng/ul	2391540	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2		o-Cymene	134	C10H14	000527-84-4	38
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4		o-Cymene	134	C10H14	000527-84-4	38
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

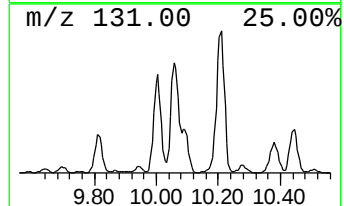
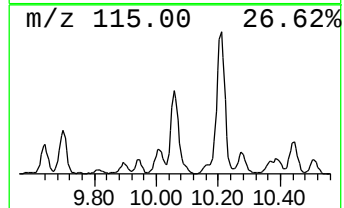
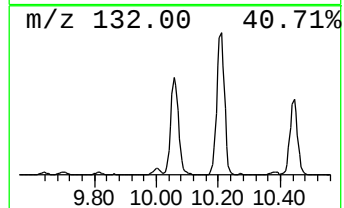
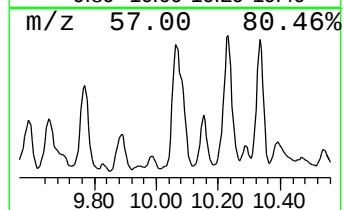
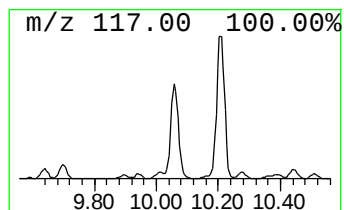
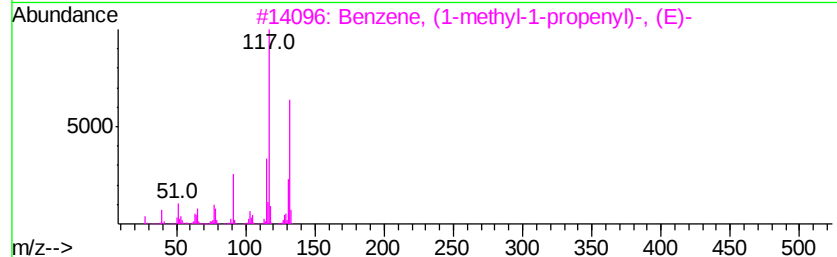
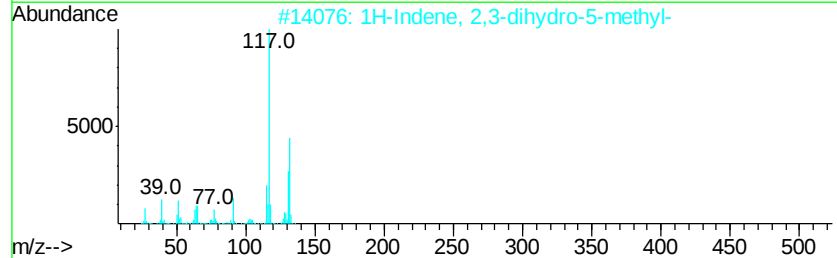
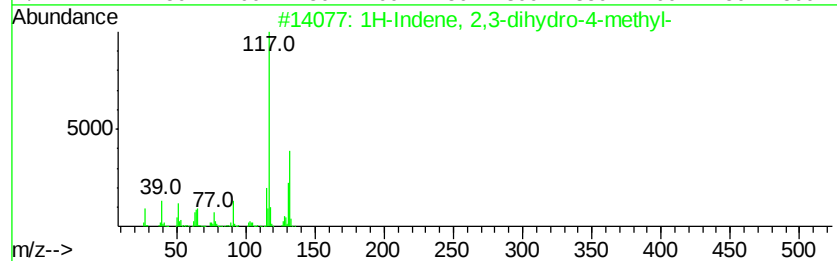
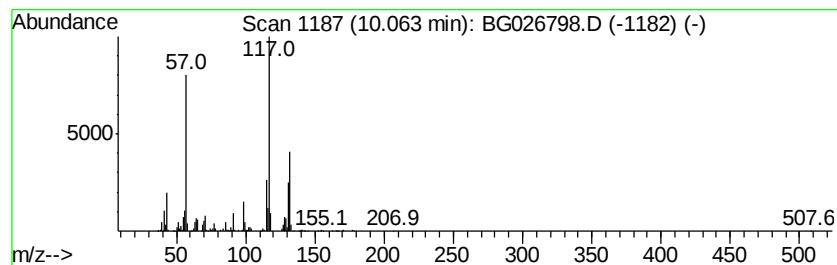
Instrument :
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ClientSampleId :
JHSR5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	6.20 ng/ul	4102770	Napthalene-d8	10.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	80
4	1-Phenyl-1-butene	132 C10H12	000824-90-8	80
5	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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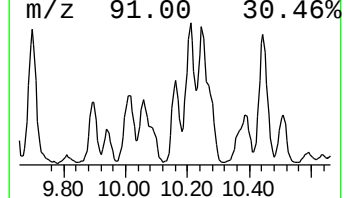
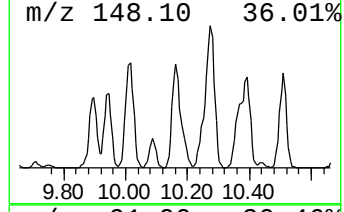
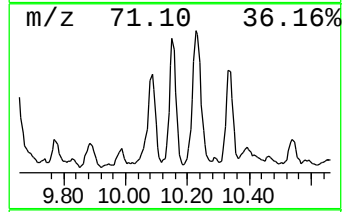
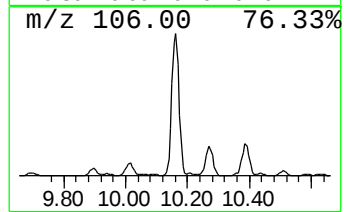
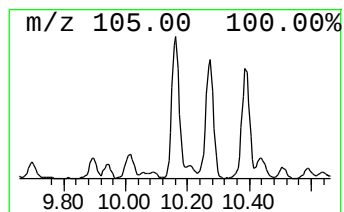
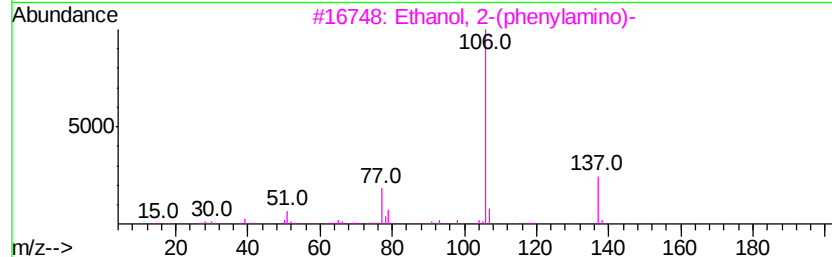
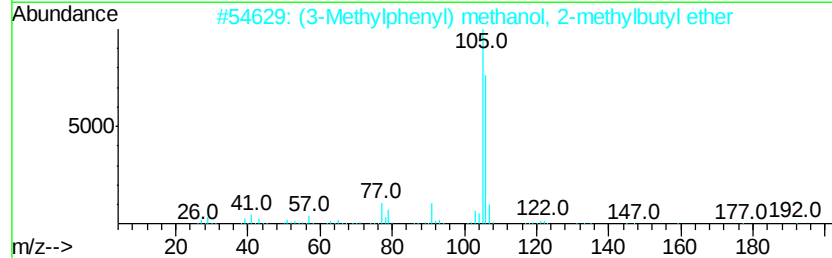
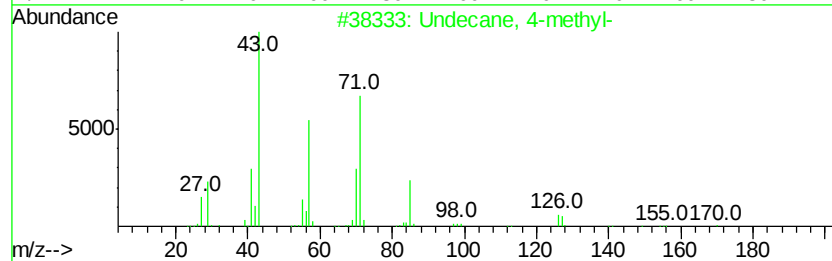
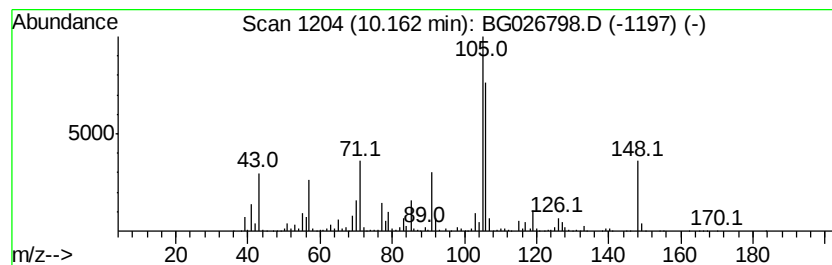
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.79 ng/ul	2505460	Napthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	42
2			(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	35
3			Ethanol, 2-(phenylamino)-	137	C8H11NO	000122-98-5	22
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	22
5			N-Benzyl-p-toluenesulfonamide	261	C14H15NO2S	001576-37-0	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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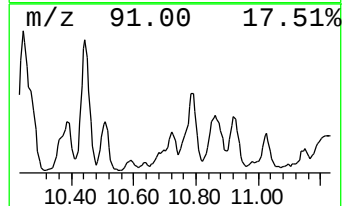
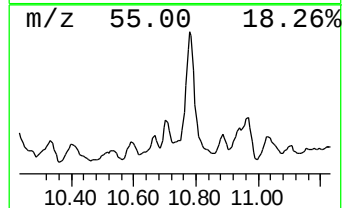
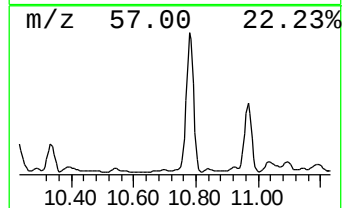
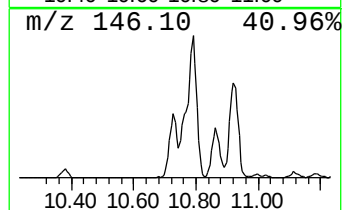
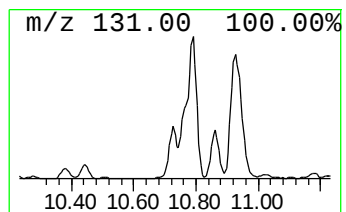
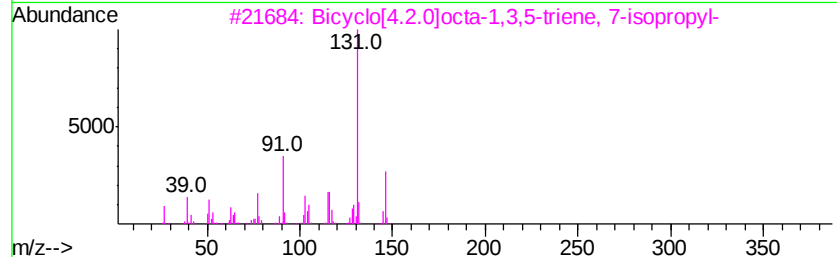
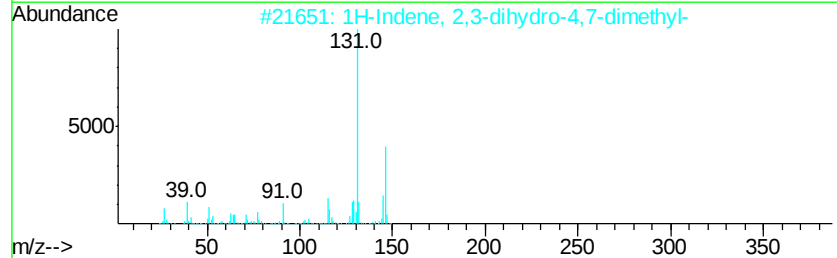
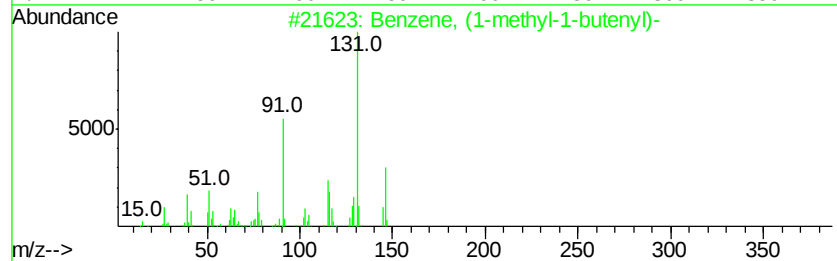
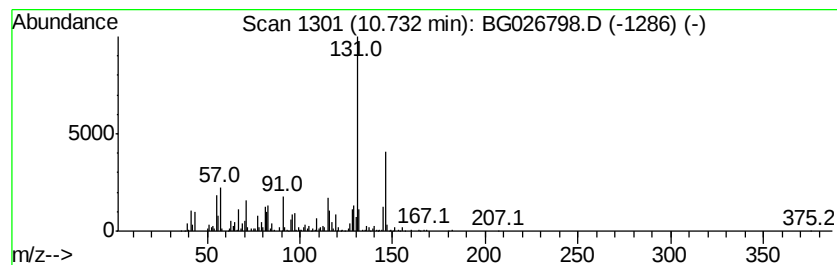
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, (1-methyl-1-butenyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.58 ng/ul	2369620	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	96
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3		Bicyclo[4.2.0]octa-1,3,5-triene...	146	C11H14	027087-54-3	87
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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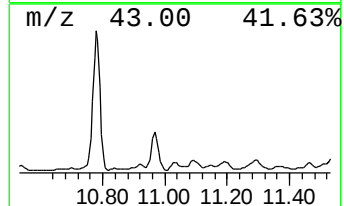
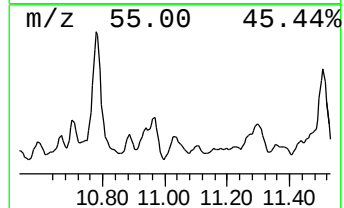
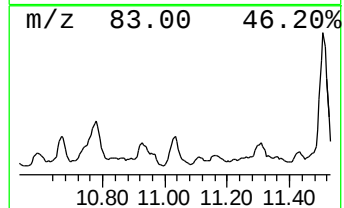
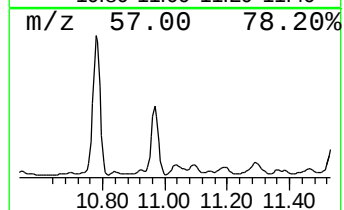
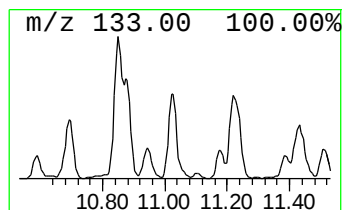
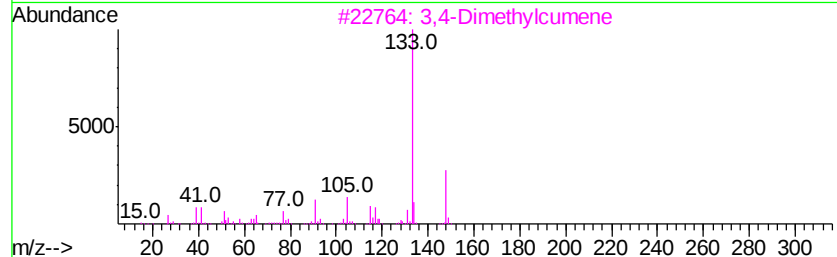
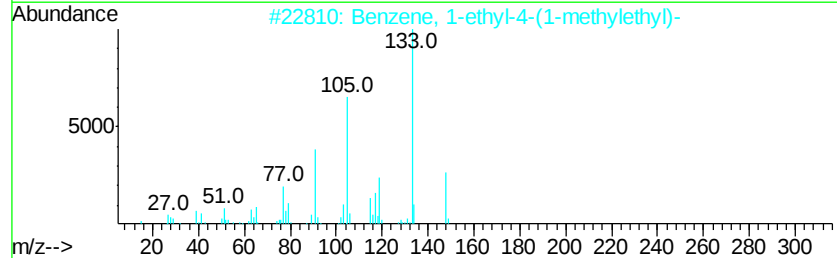
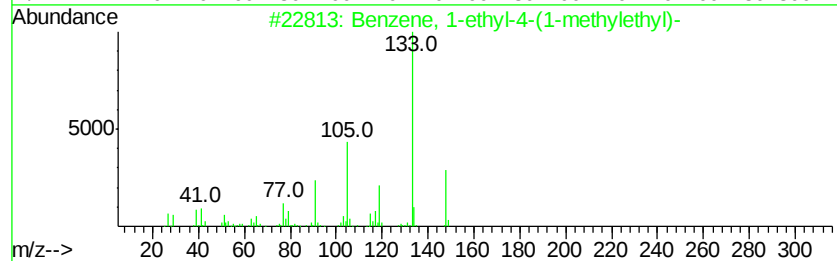
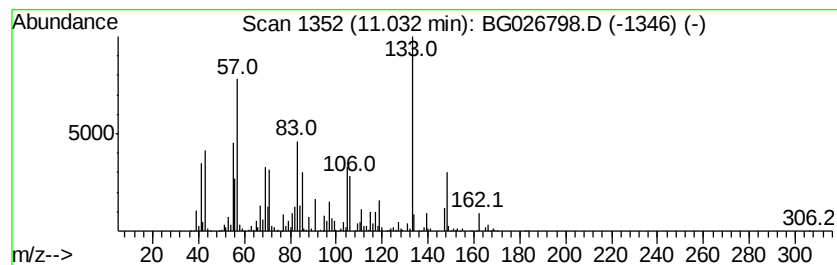
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.96 ng/ul	1961240	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3		3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

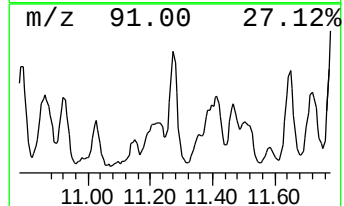
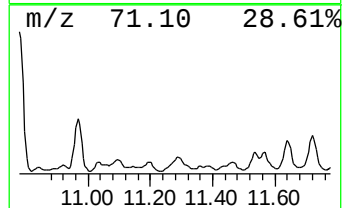
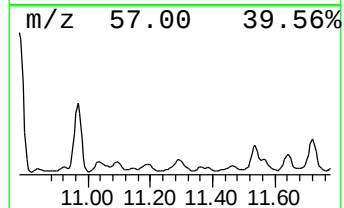
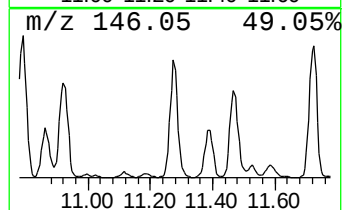
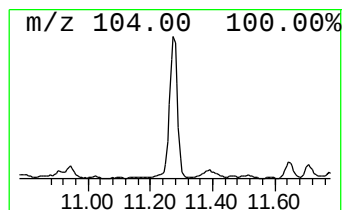
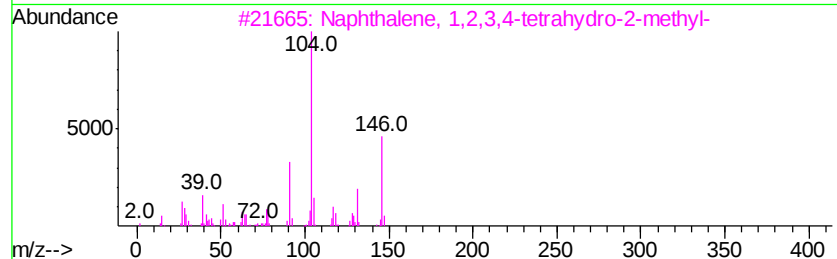
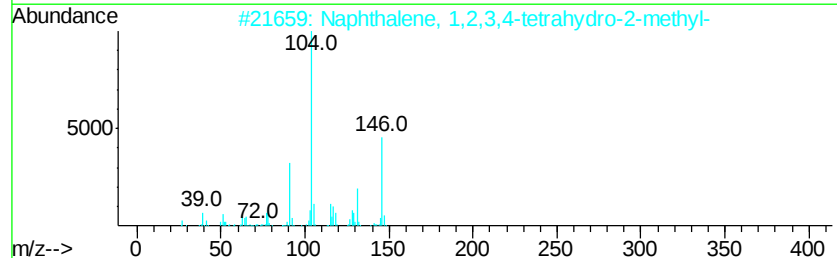
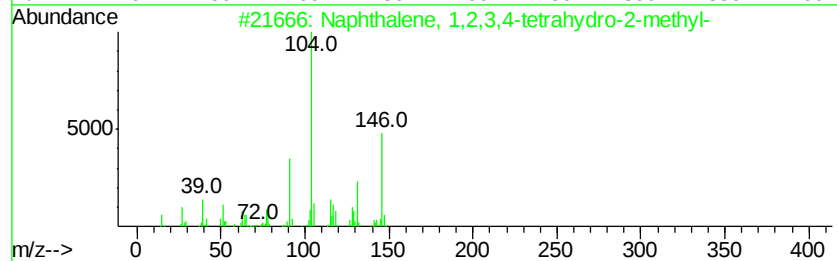
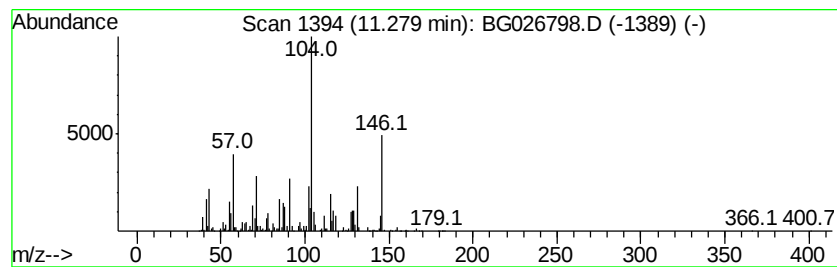
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	5.20 ng/ul	3440640	Naphthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	62
4			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	50
5			7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

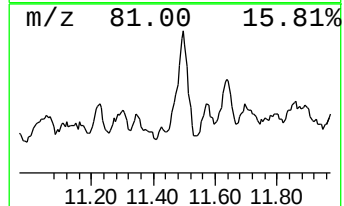
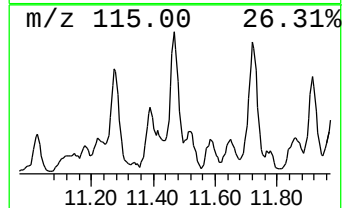
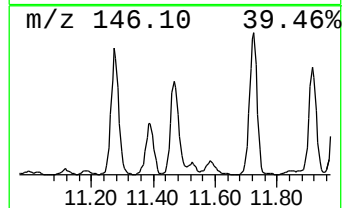
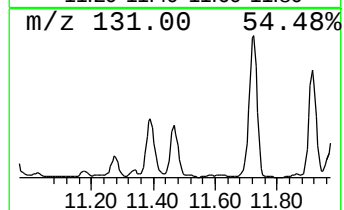
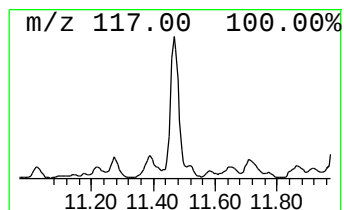
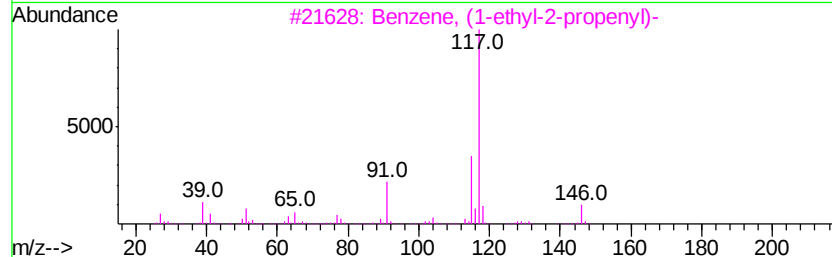
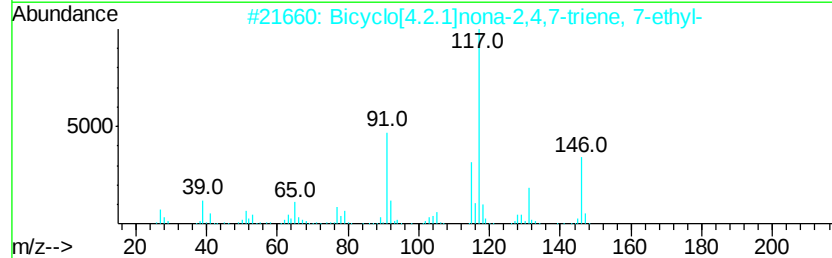
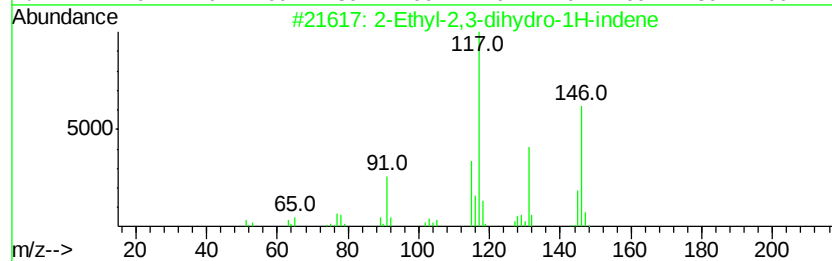
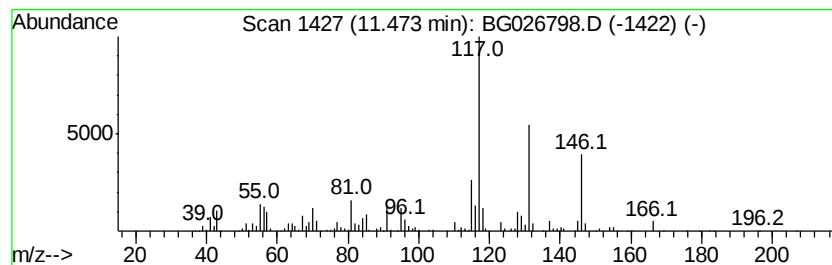
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.95 ng/ul	1949350	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	81
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
4		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
5		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

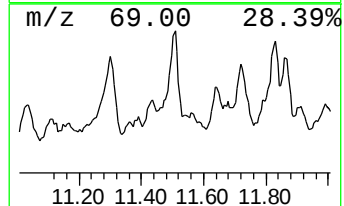
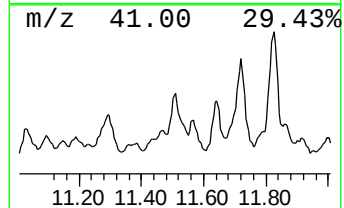
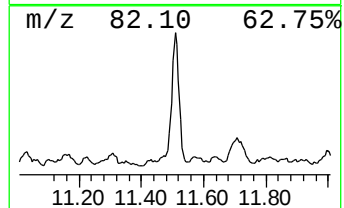
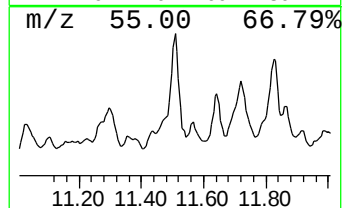
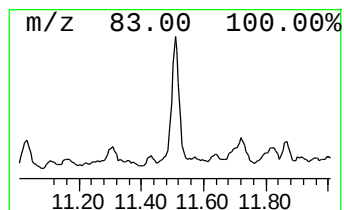
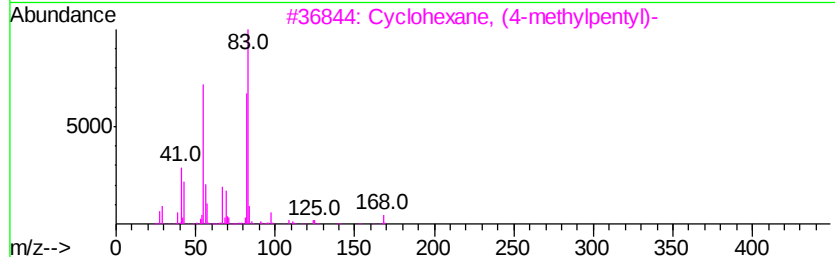
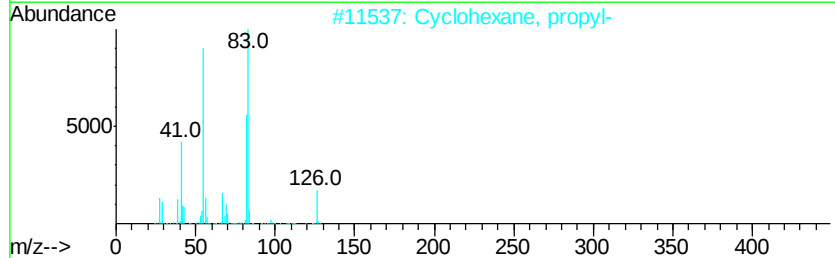
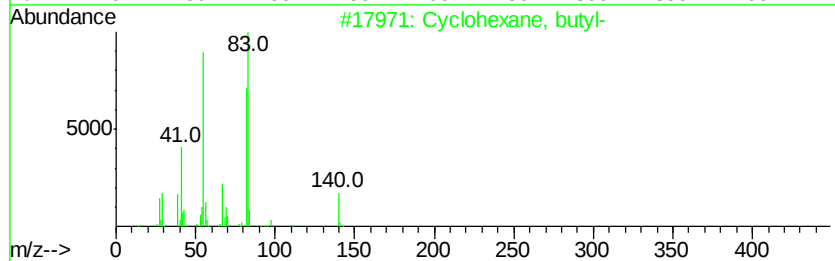
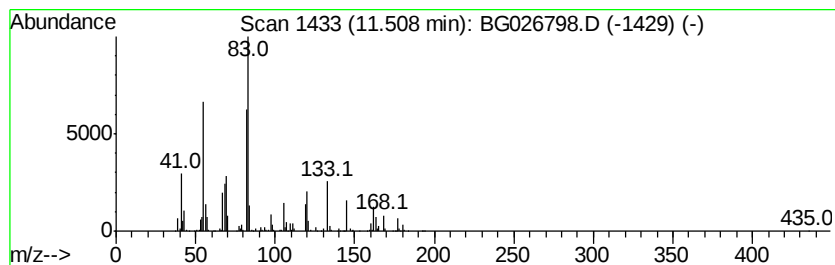
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic11.51 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.56 ng/ul	3678100	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	49
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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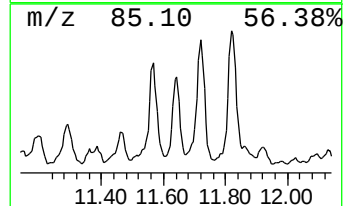
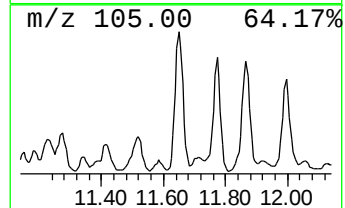
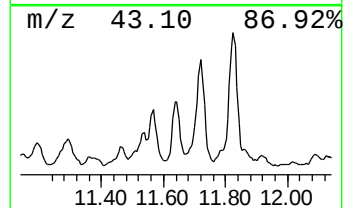
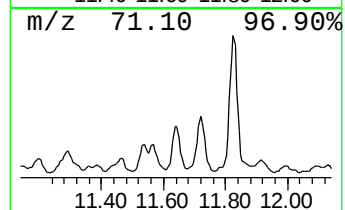
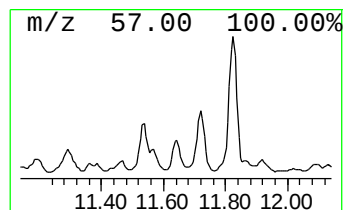
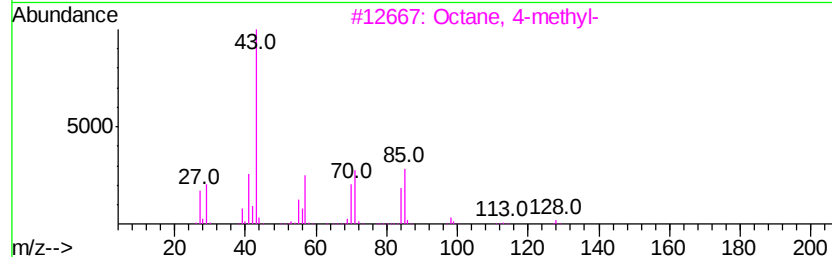
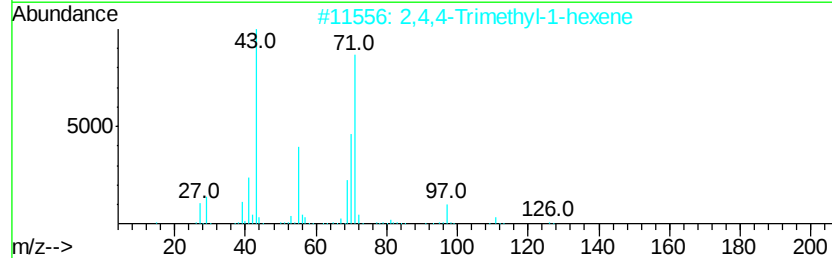
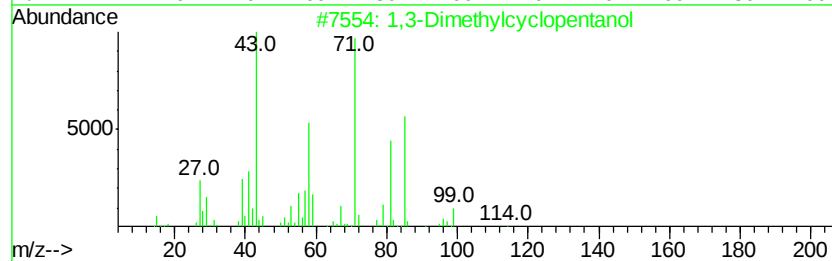
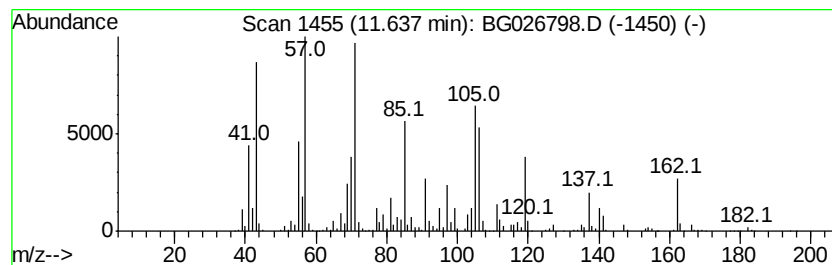
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-03 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	4.63 ng/ul	3061260	Naphthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	25
3			Octane, 4-methyl-	128	C9H20	002216-34-4	22
4			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	22
5			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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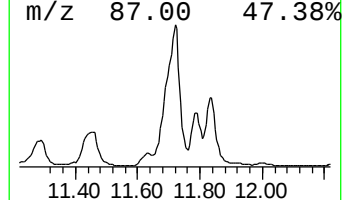
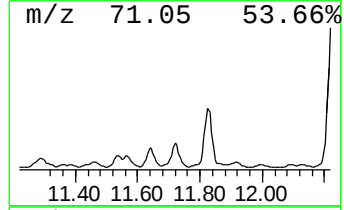
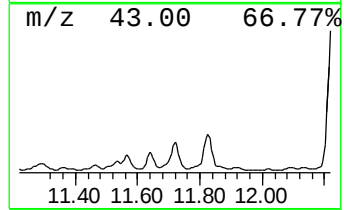
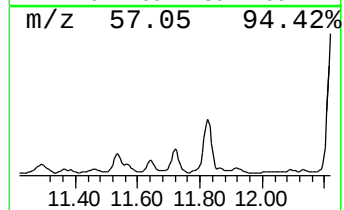
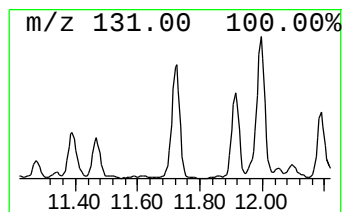
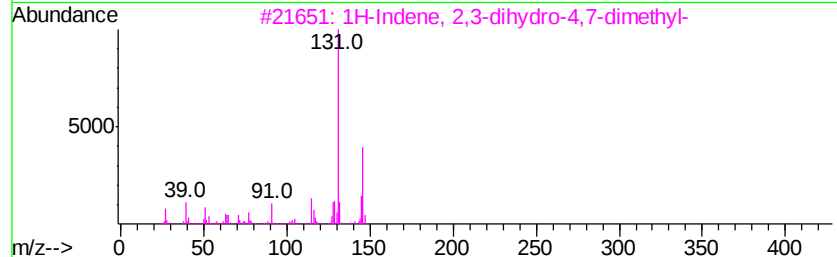
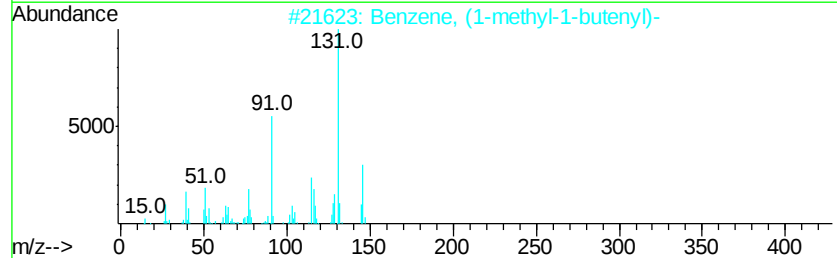
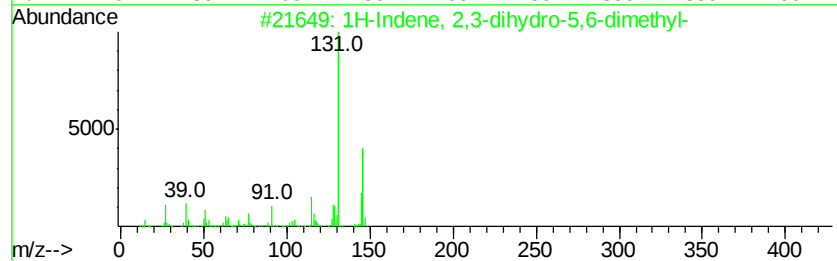
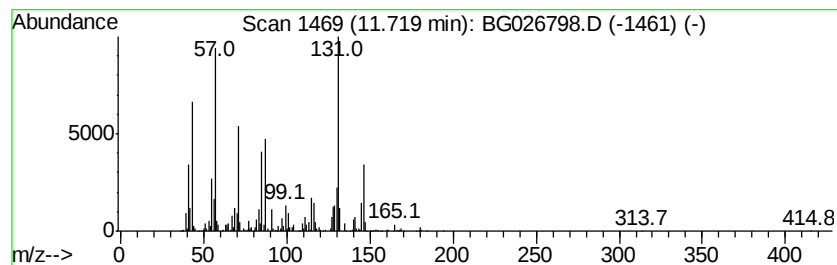
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.99 ng/ul	5949970	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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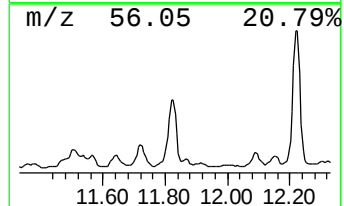
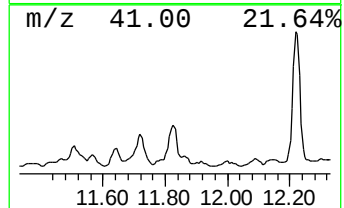
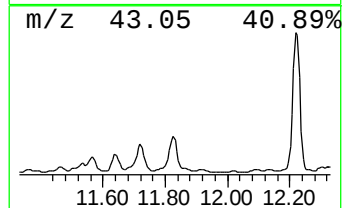
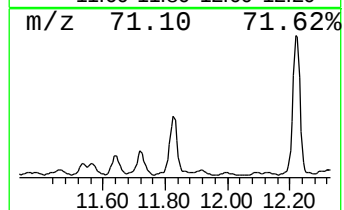
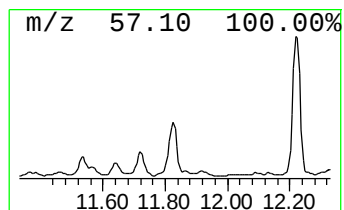
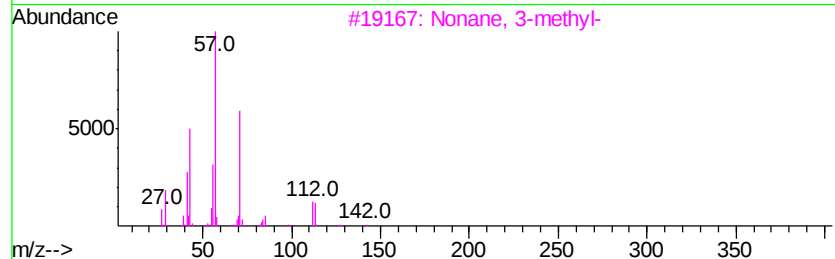
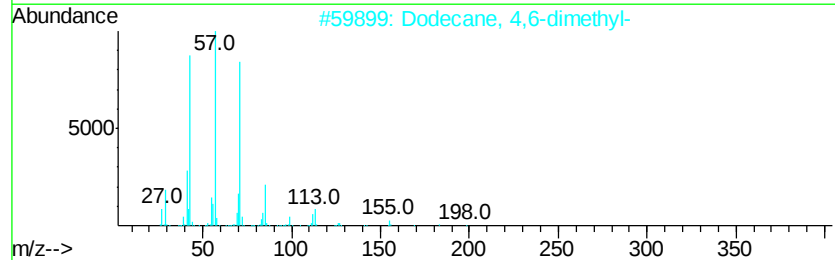
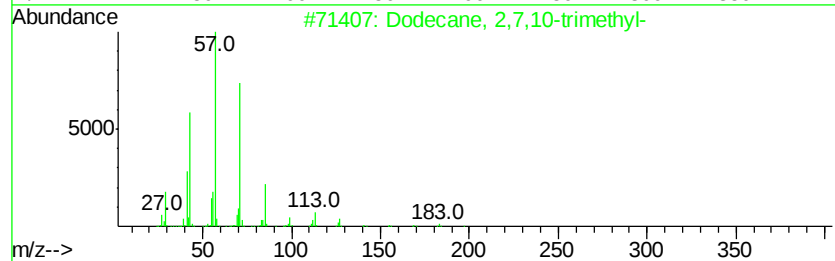
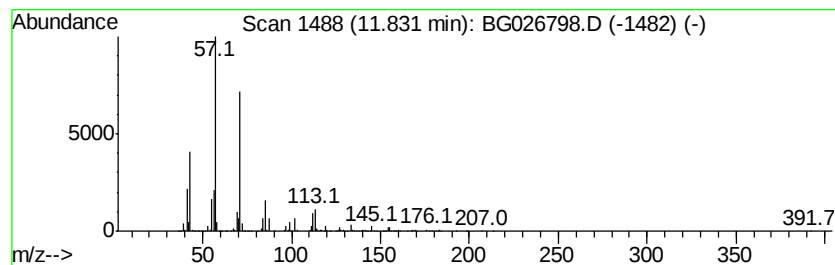
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.51 ng/ul	6293740	Napthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Nonane, 5-propyl-	170	C12H26	000998-35-6	64
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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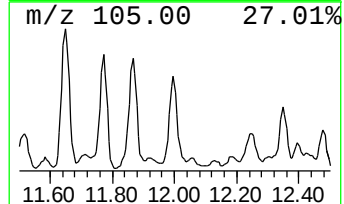
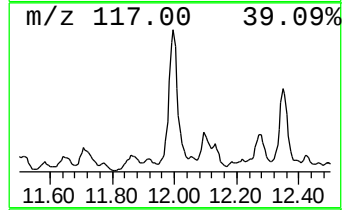
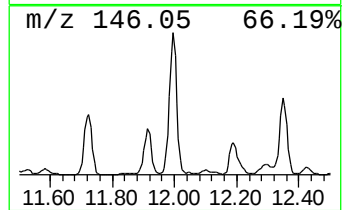
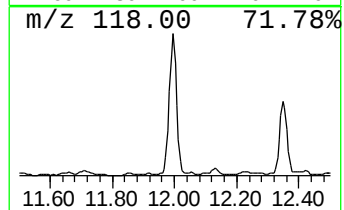
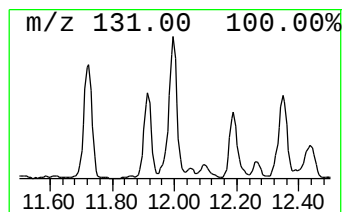
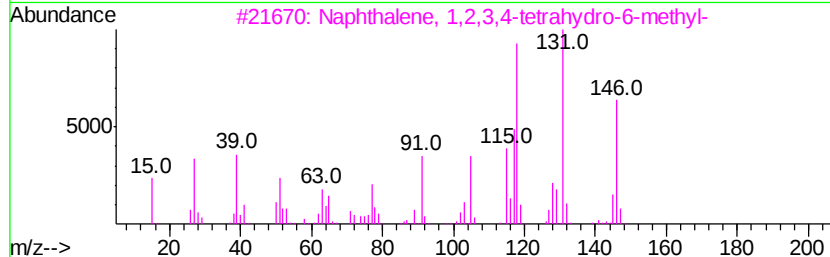
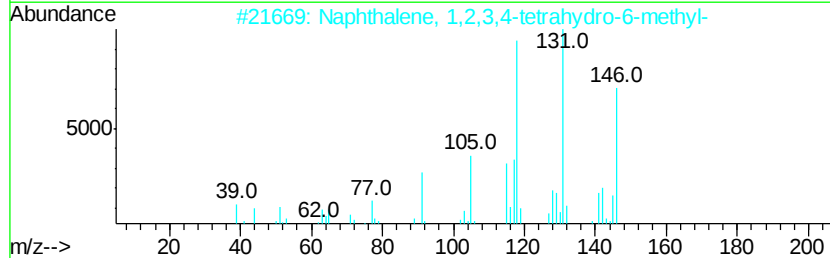
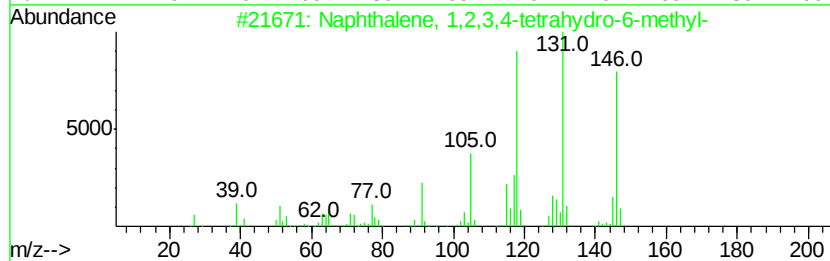
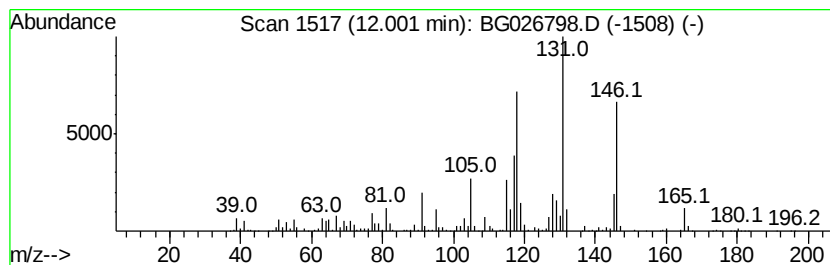
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, 1,2,3,4-tetra... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.74 ng/ul	4461550	Naphthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

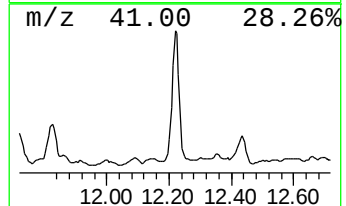
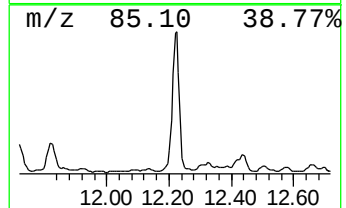
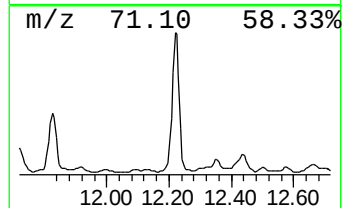
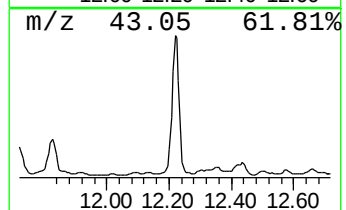
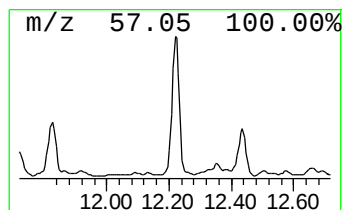
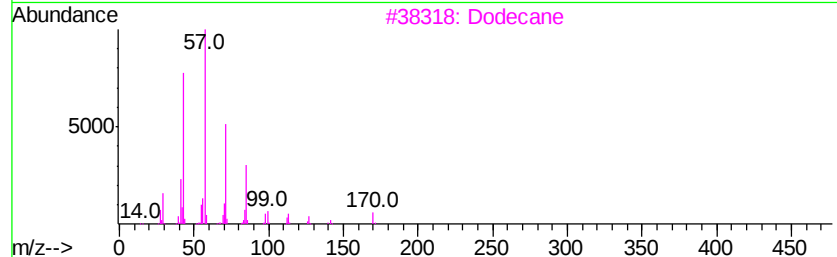
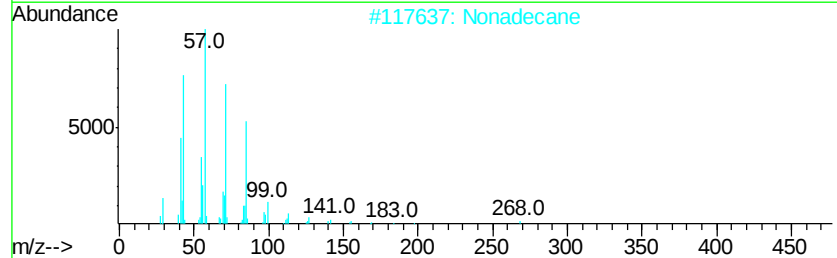
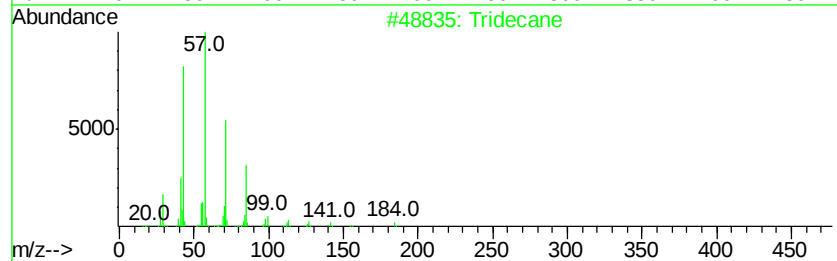
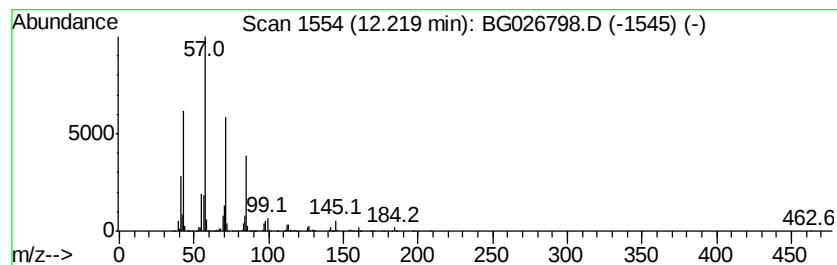
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	19.08 ng/ul	12619200	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Nonadecane	268	C19H40	000629-92-5	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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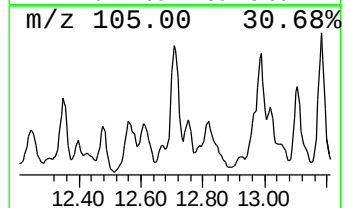
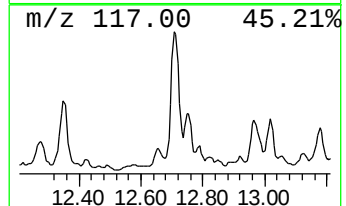
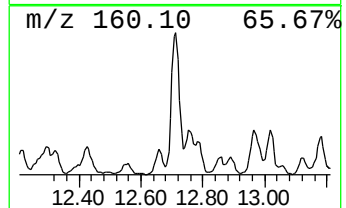
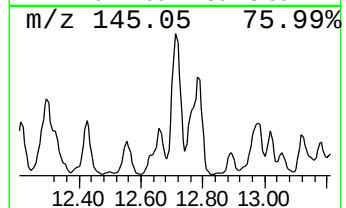
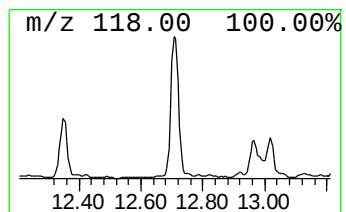
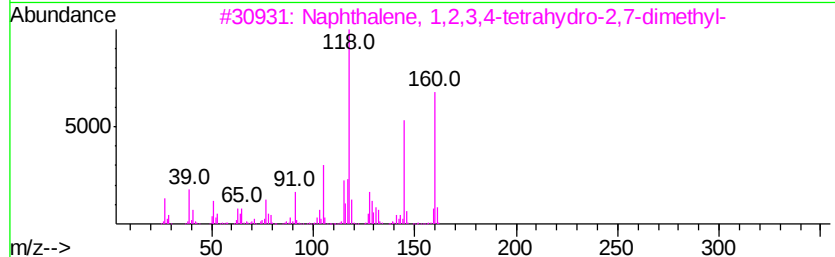
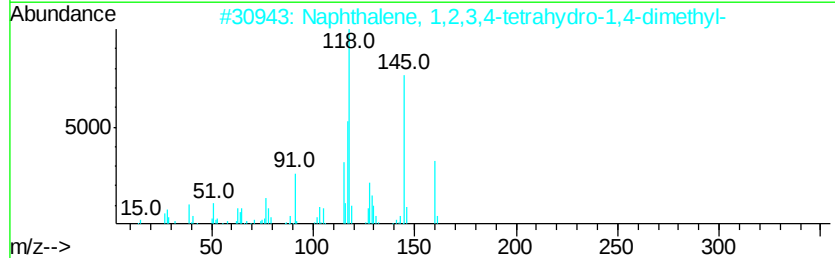
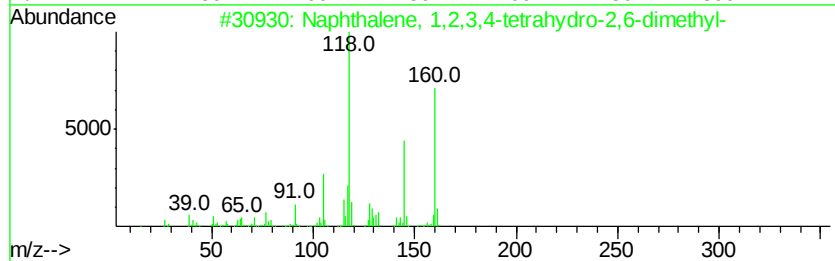
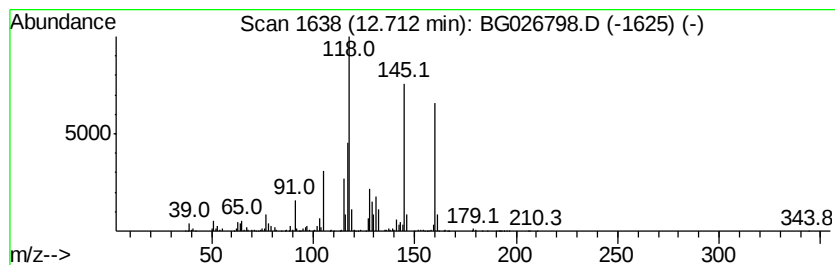
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	9.03 ng/ul	5976100	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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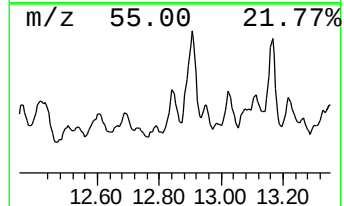
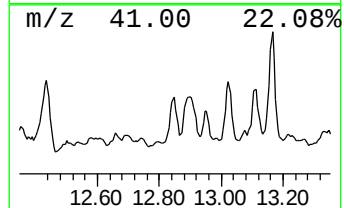
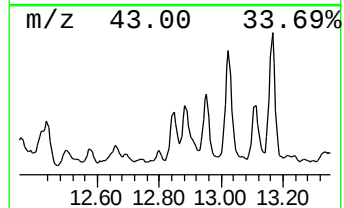
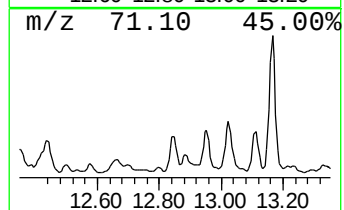
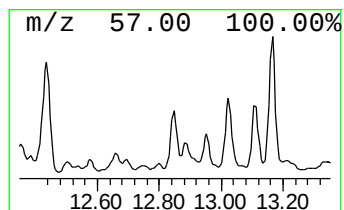
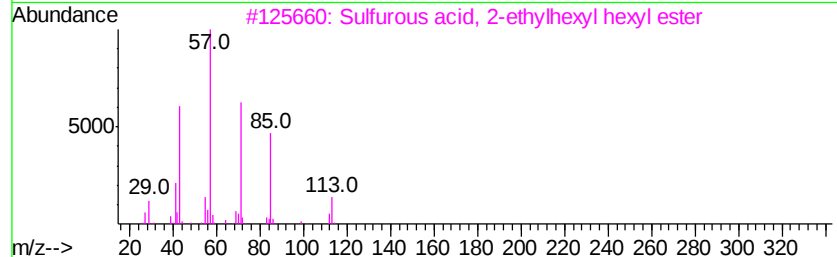
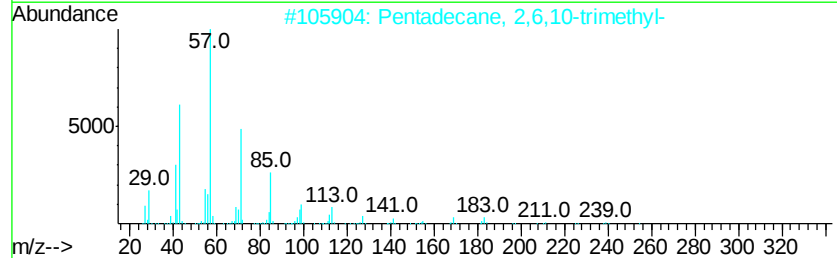
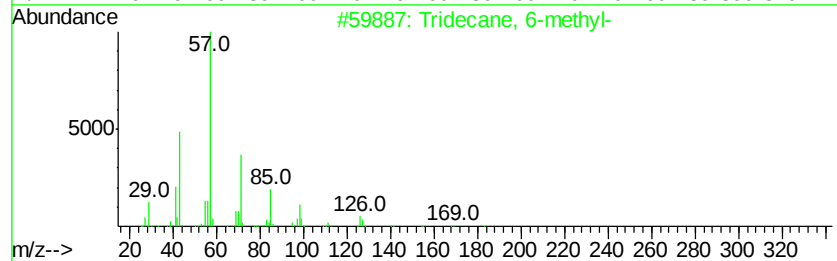
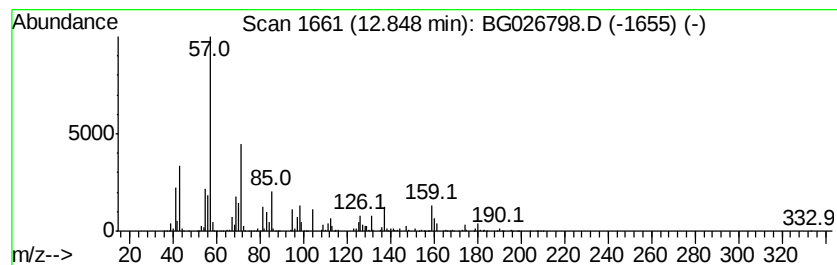
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	14.57 ng/ul	2122880	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	52
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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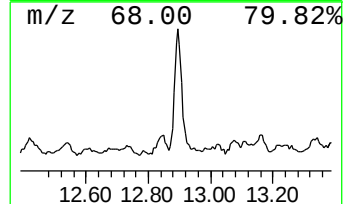
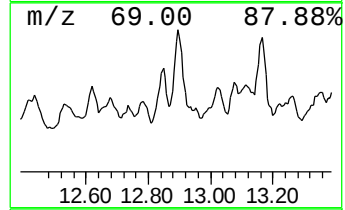
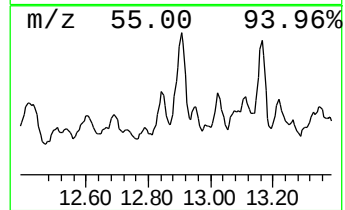
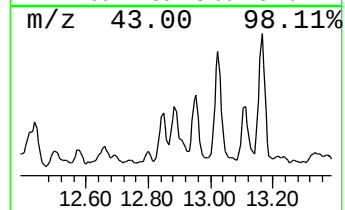
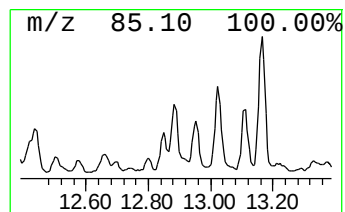
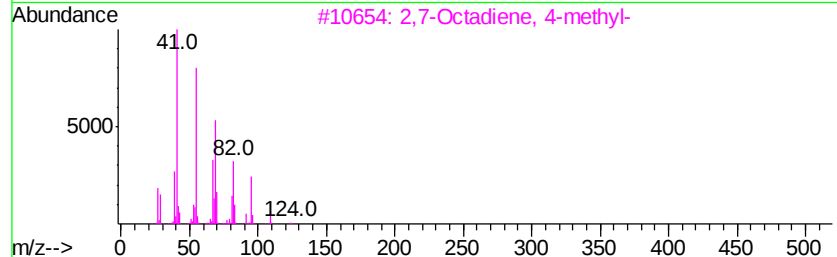
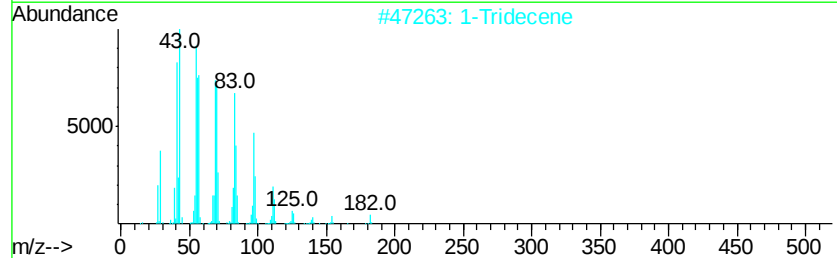
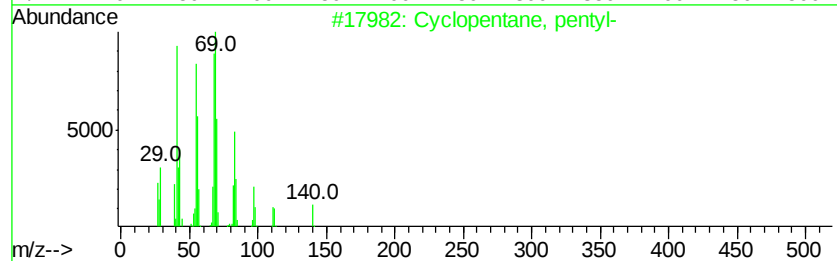
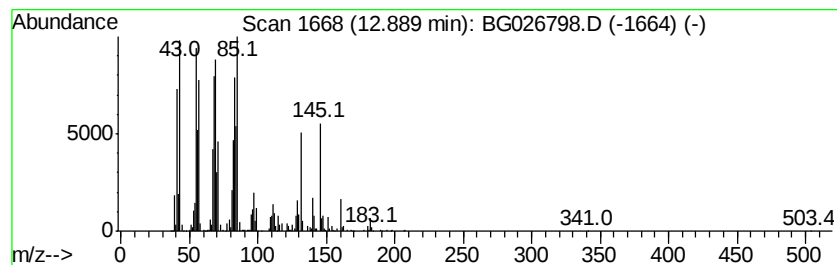
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Cyclic12.89 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	16.16 ng/ul	2354820	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, pentyl-	140	C10H20	003741-00-2	30
2		1-Tridecene	182	C13H26	002437-56-1	27
3		2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	25
4		Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	25
5		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
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Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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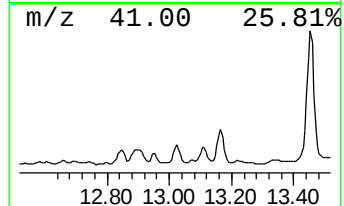
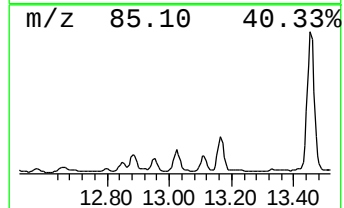
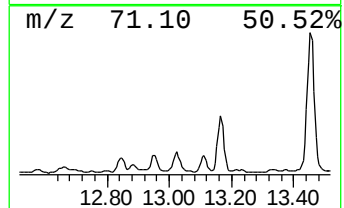
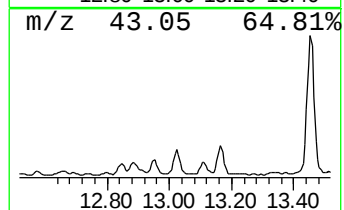
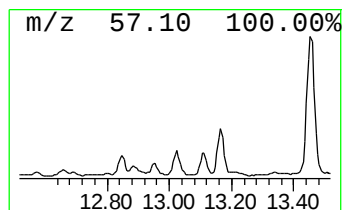
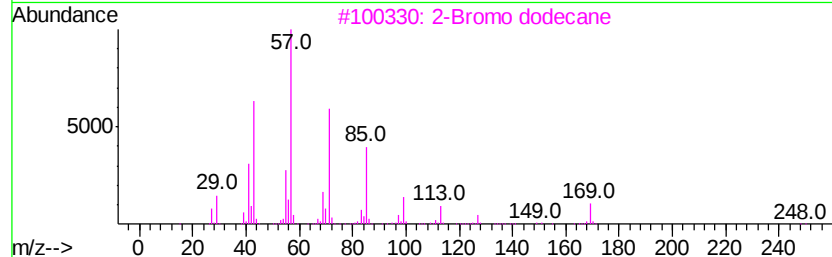
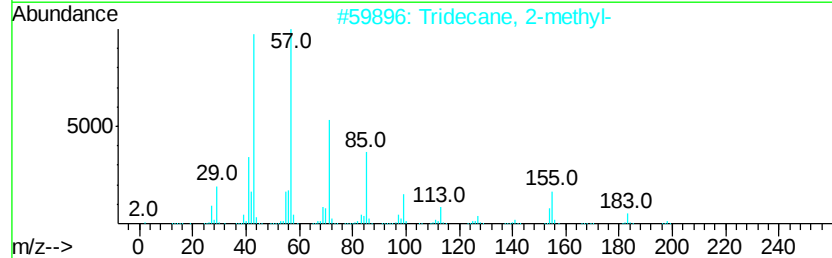
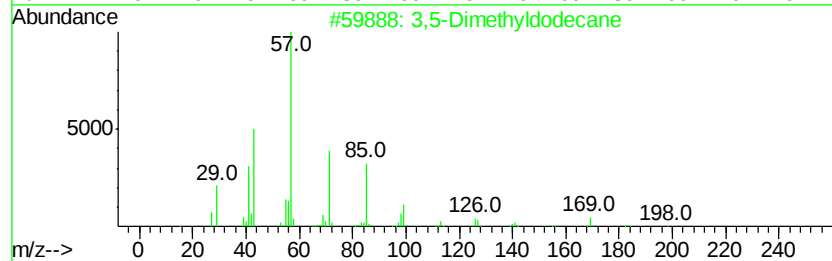
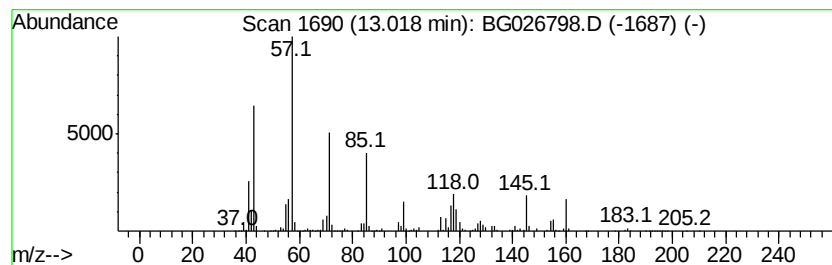
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	16.80 ng/ul	2448470	Acenaphthene-d10	14.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4			Decane, 3-methyl-	156	C11H24	013151-34-3	58
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
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Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
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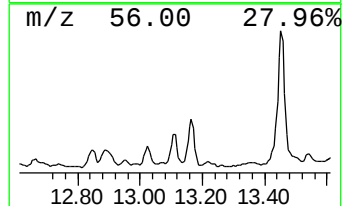
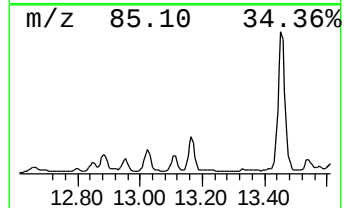
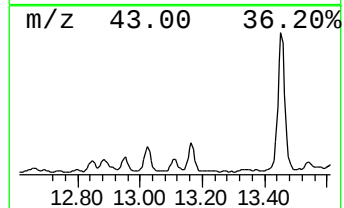
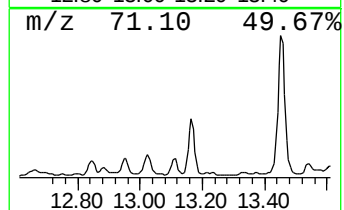
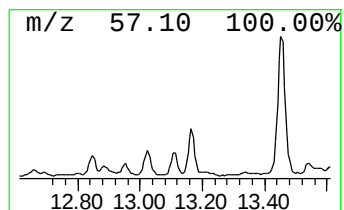
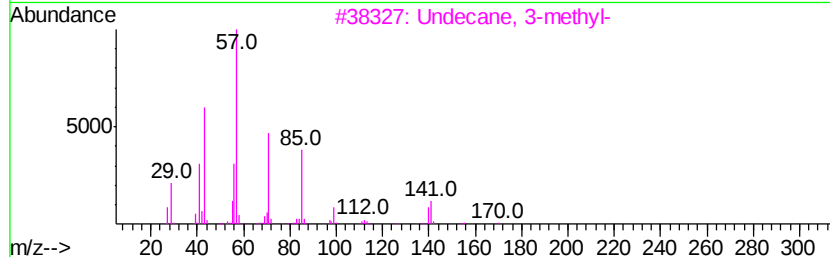
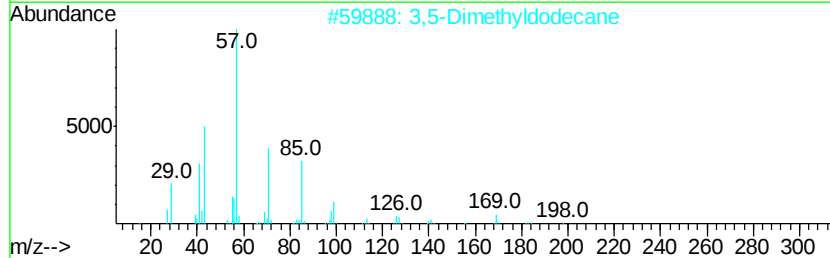
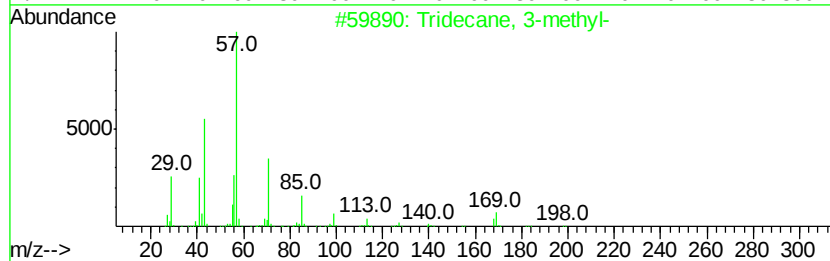
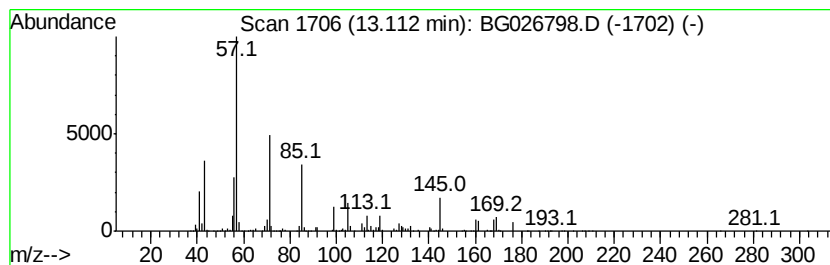
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	14.16 ng/ul	2063470	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Decane, 3-methyl-	156	C11H24	013151-34-3	58
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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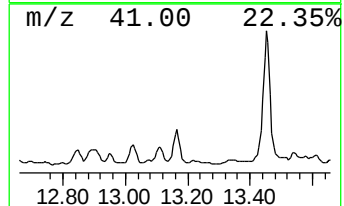
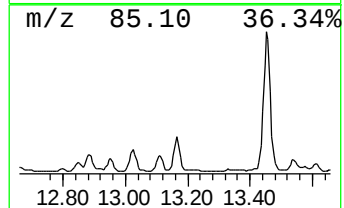
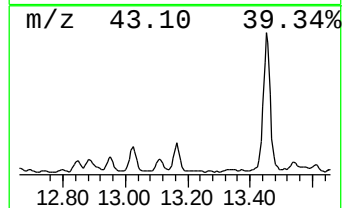
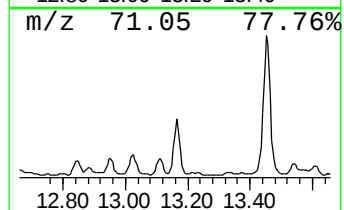
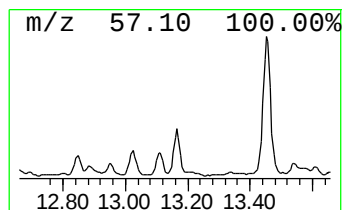
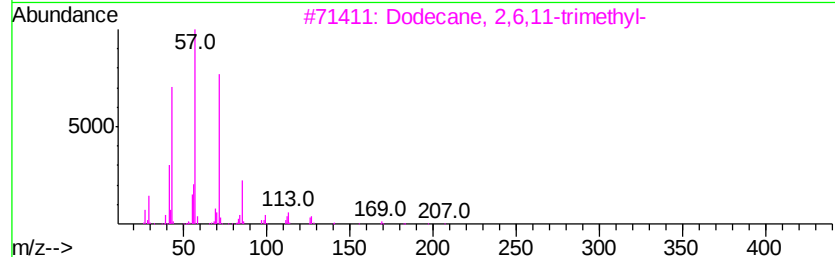
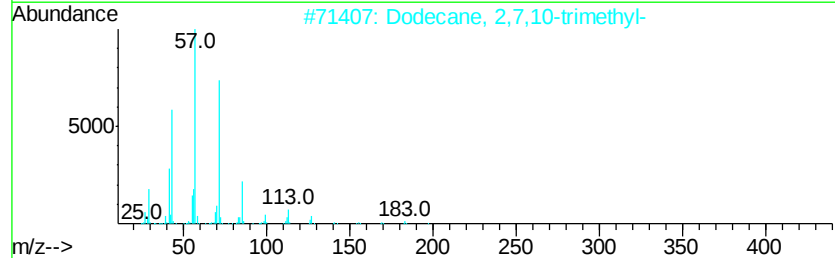
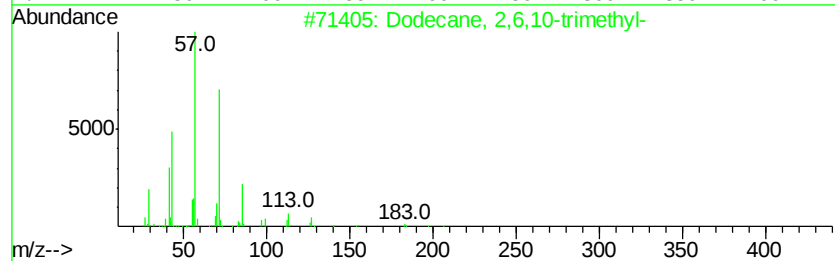
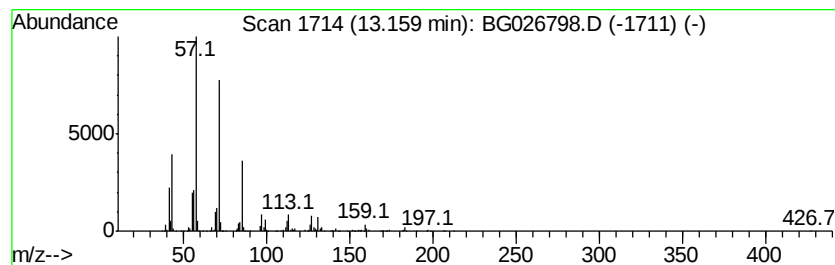
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	34.12 ng/ul	4972060	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

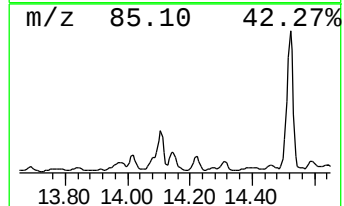
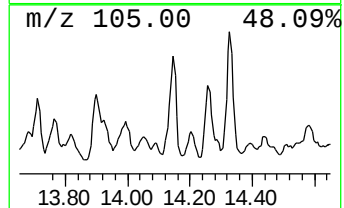
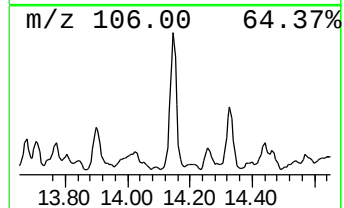
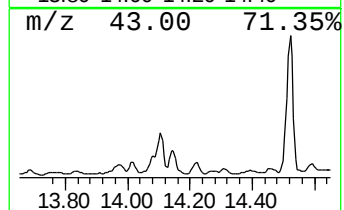
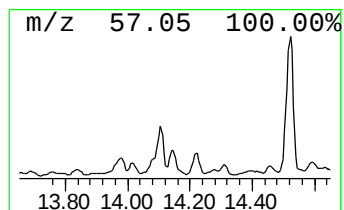
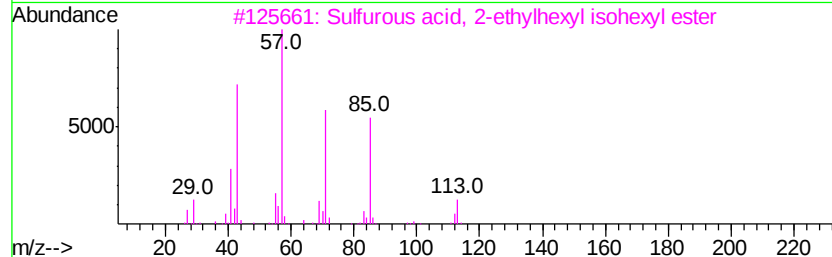
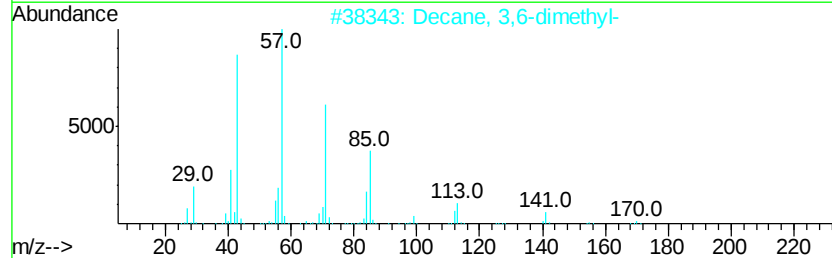
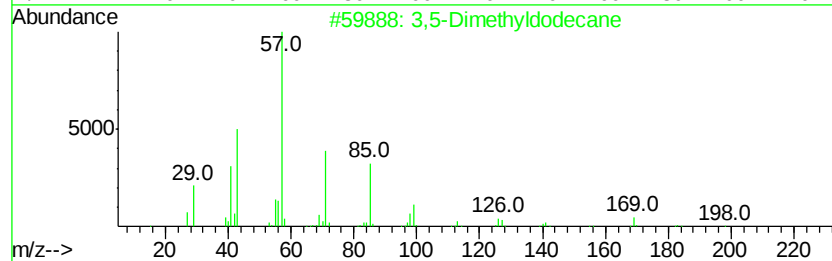
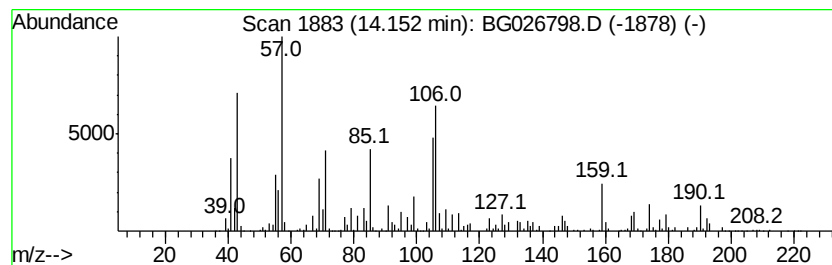
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	20.15 ng/ul	2936690	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	41
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	41
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	38
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

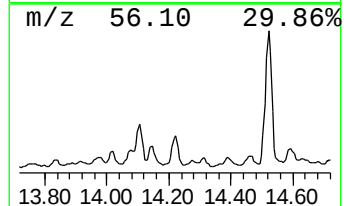
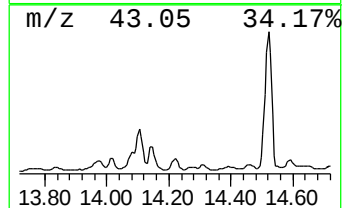
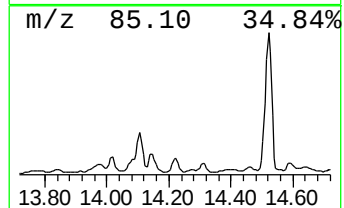
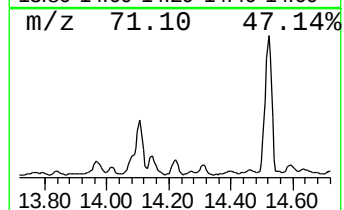
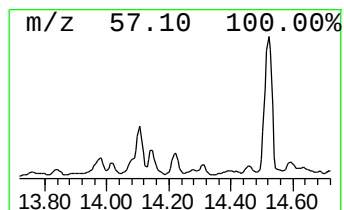
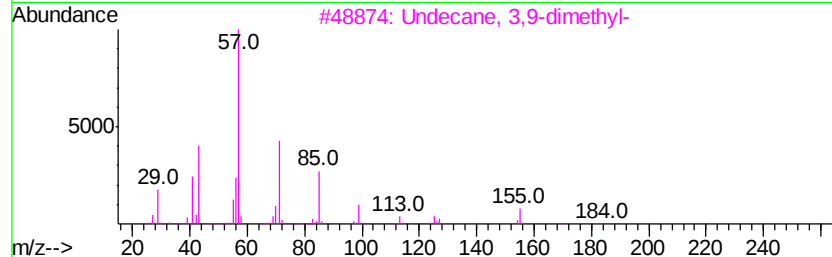
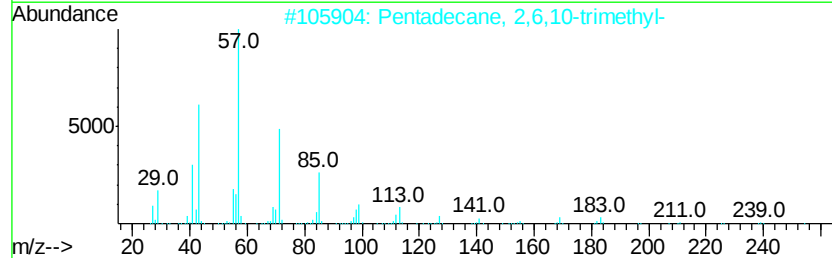
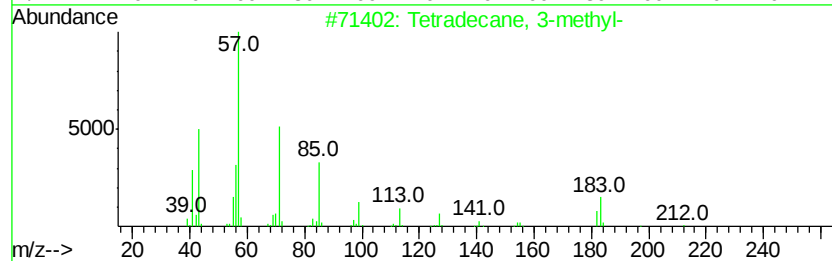
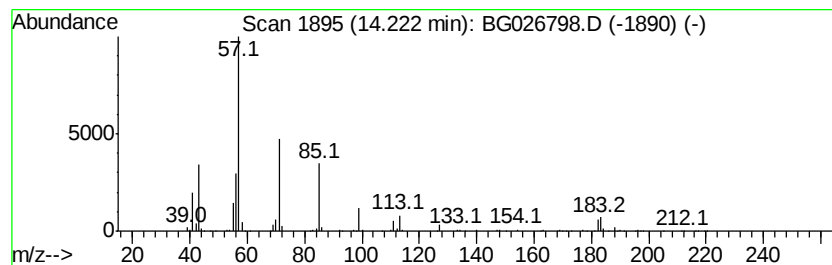
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	20.37 ng/ul	2968950	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

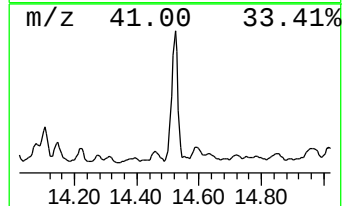
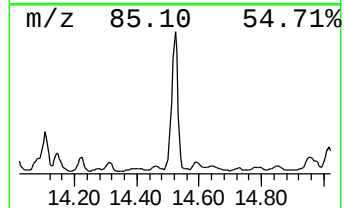
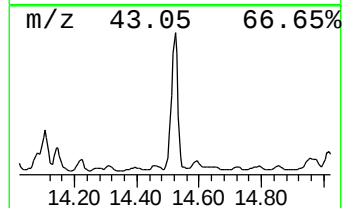
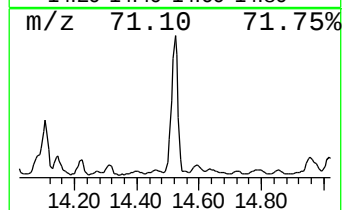
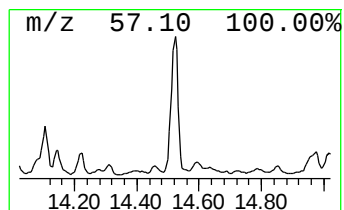
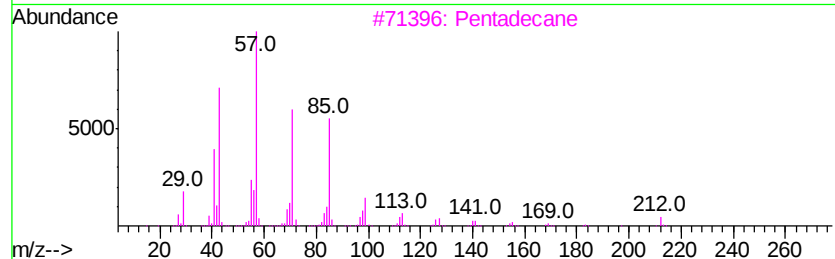
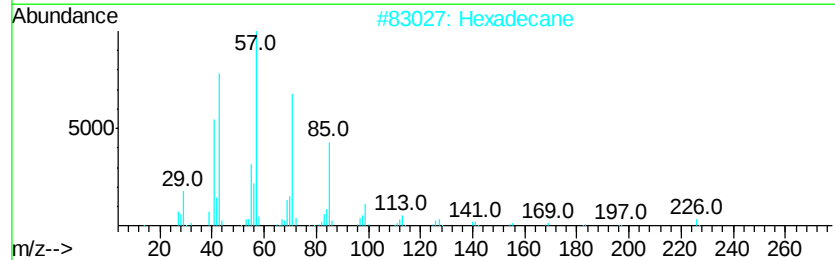
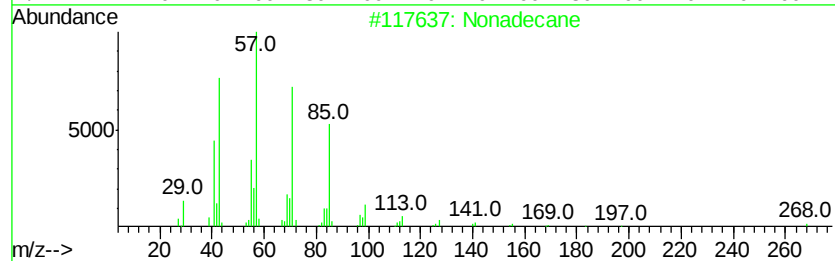
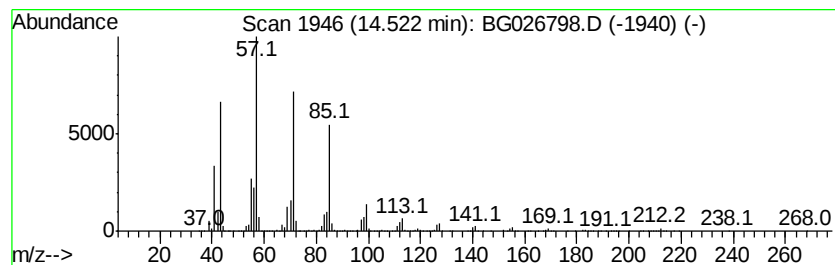
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	126.94 ng/ul	18499900	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

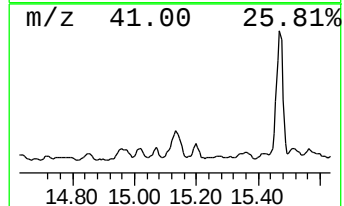
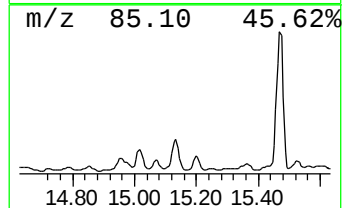
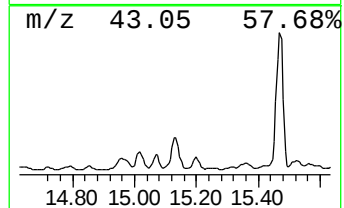
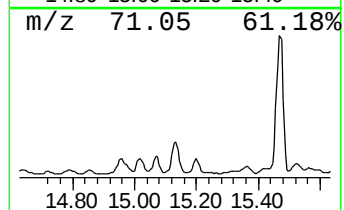
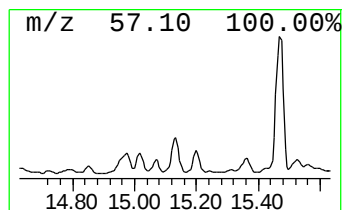
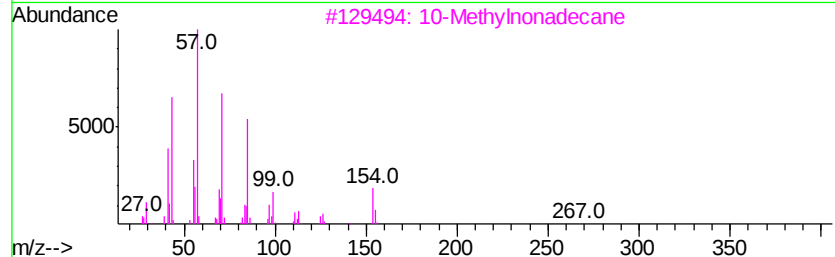
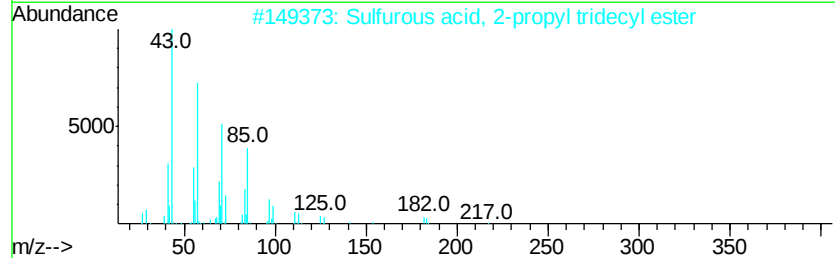
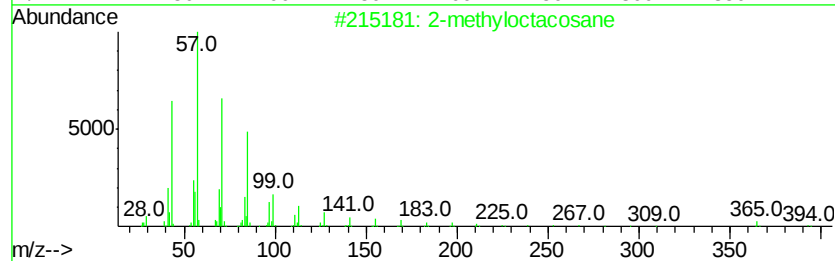
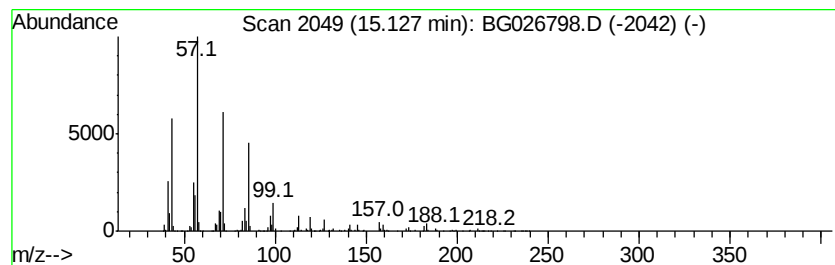
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	56.38 ng/ul	8217560	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	86
2		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	83
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

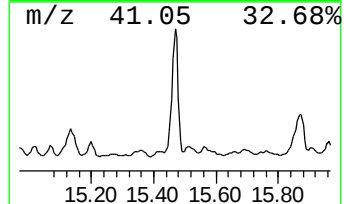
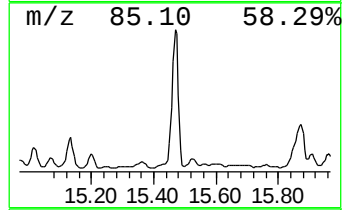
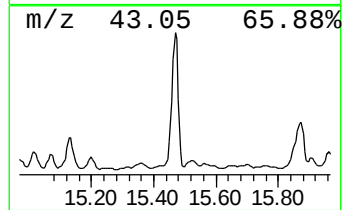
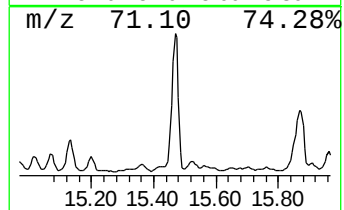
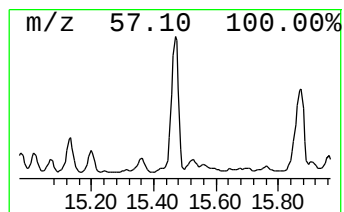
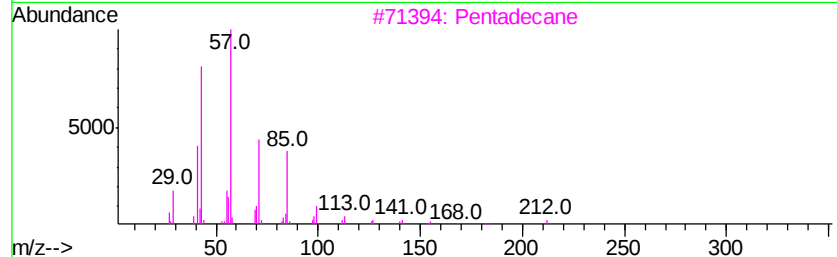
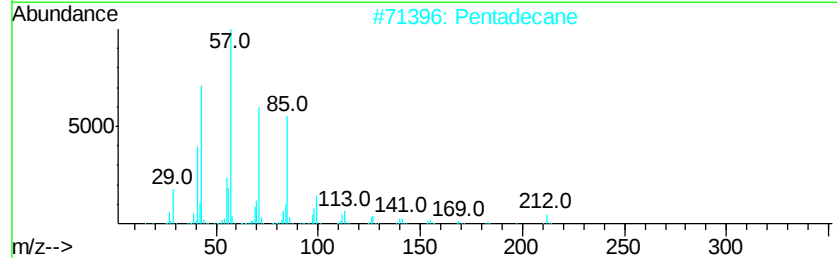
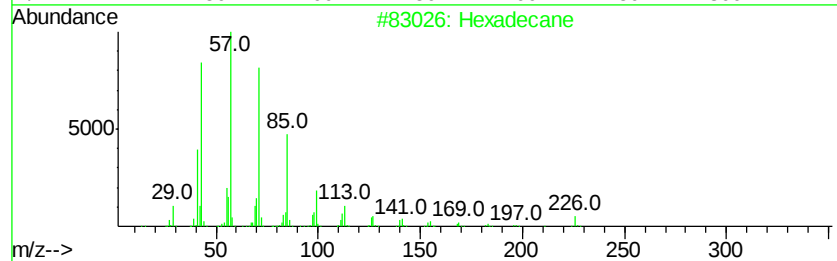
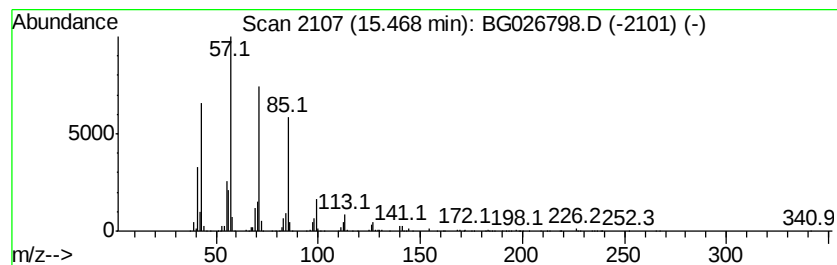
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	128.43 ng/ul	18717400	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane	212	C15H32	000629-62-9	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JHSR5

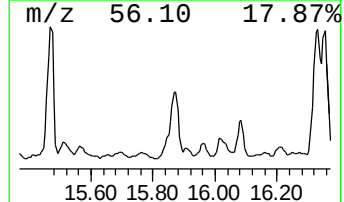
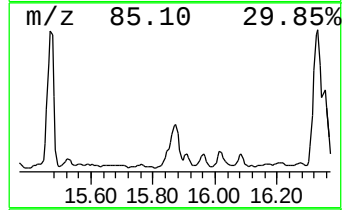
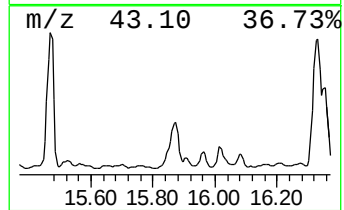
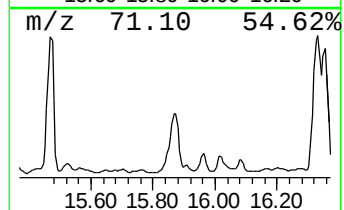
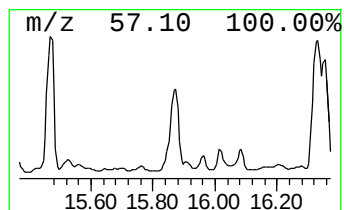
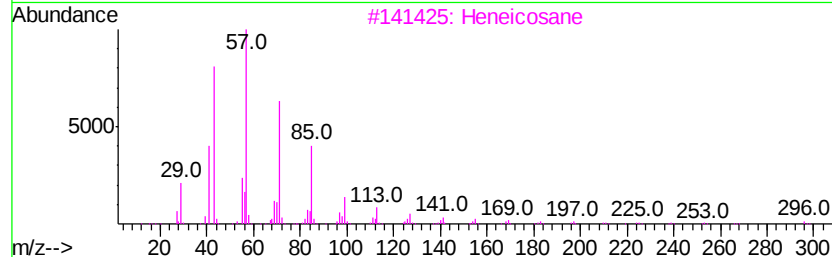
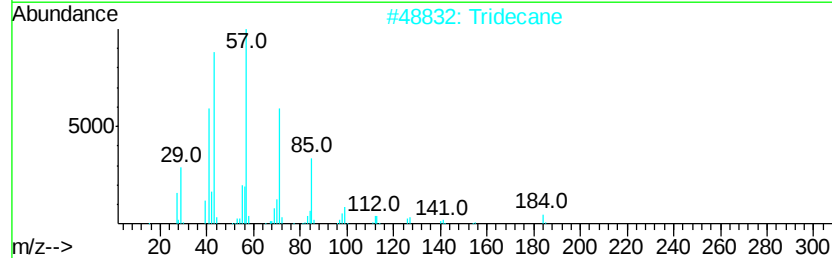
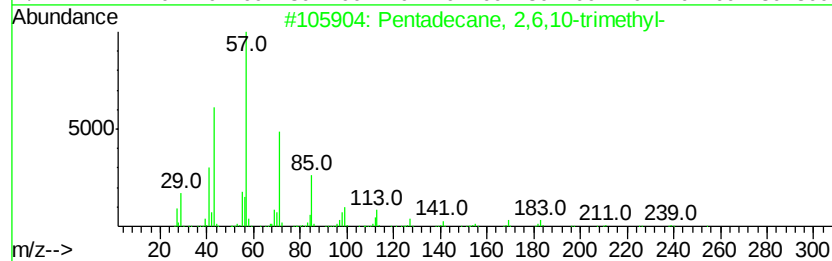
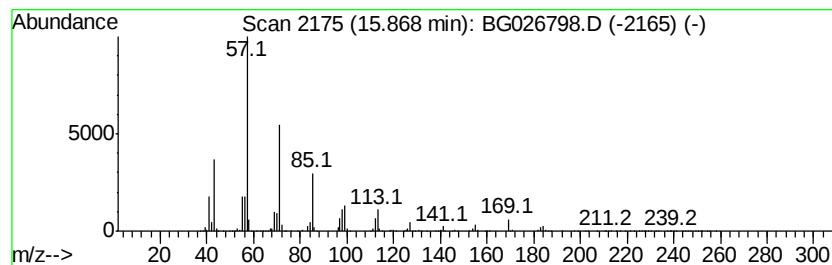
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	96.75 ng/ul	14100700	Acenaphthene-d10	14.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Tridecane	184	C13H28	000629-50-5	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5		Decane, 2-methyl-	156	C11H24	006975-98-0	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

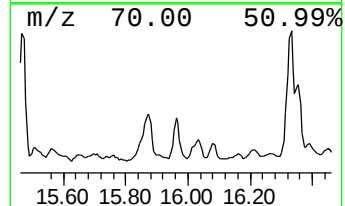
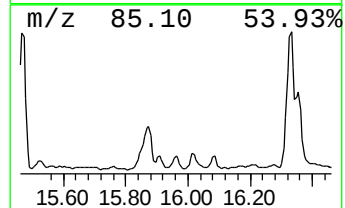
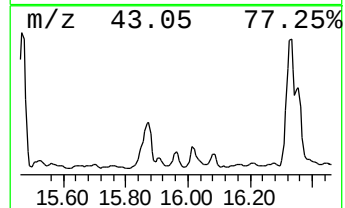
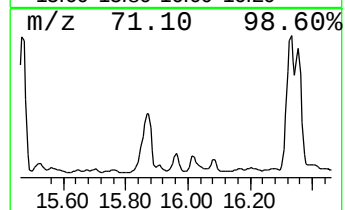
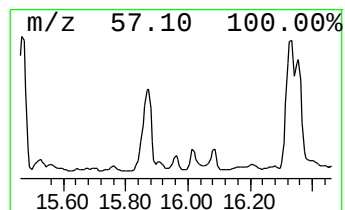
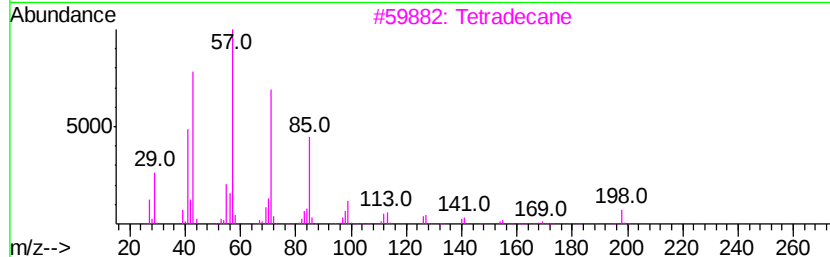
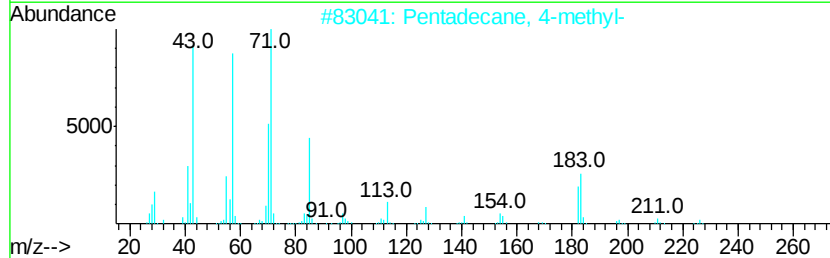
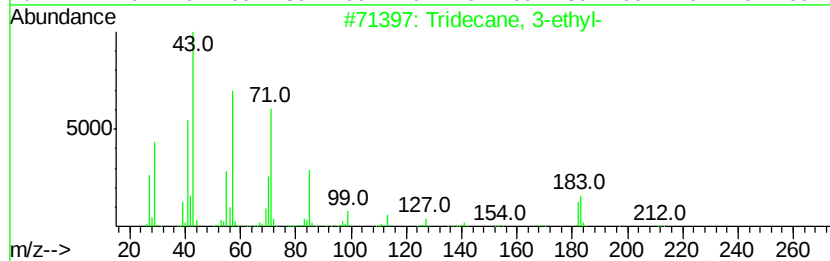
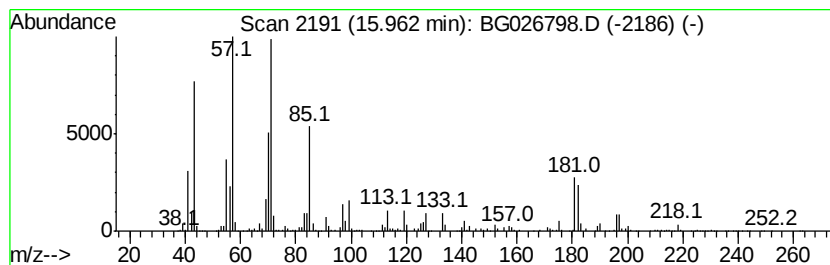
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	20.25 ng/ul	2951940	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	90
2		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
3		Tetradecane	198	C14H30	000629-59-4	60
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

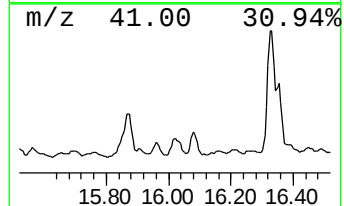
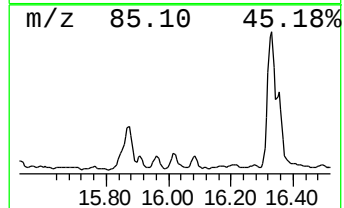
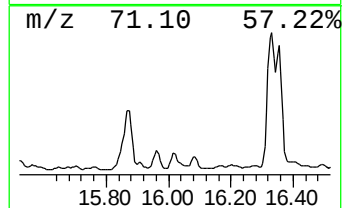
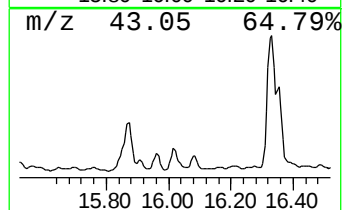
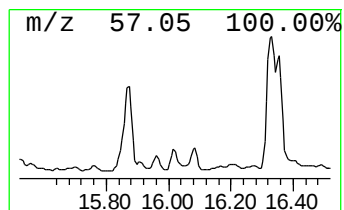
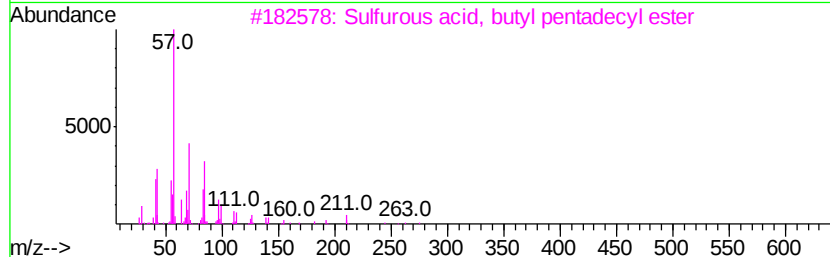
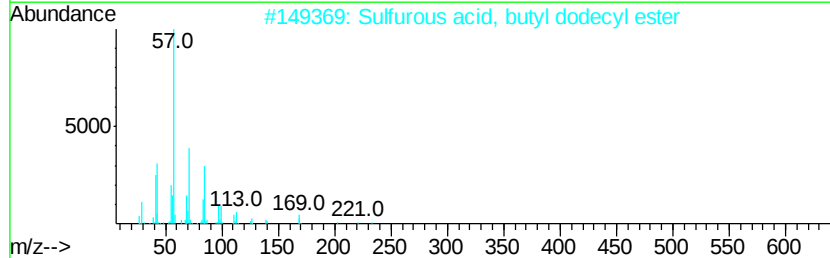
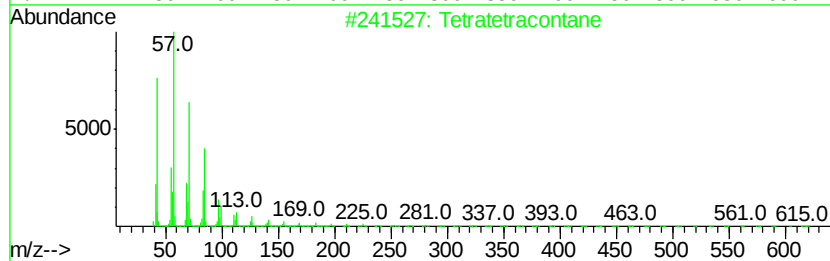
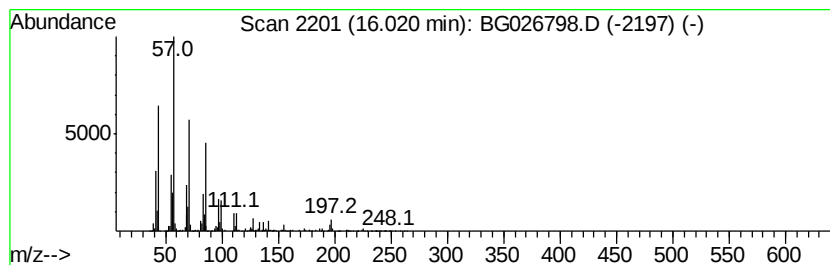
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	16.84 ng/ul	3658620	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
3		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	90
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
5		Tritetracontane	605	C43H88	007098-21-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

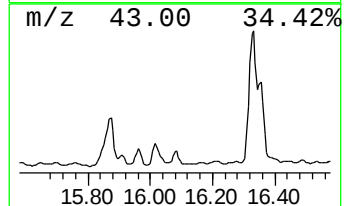
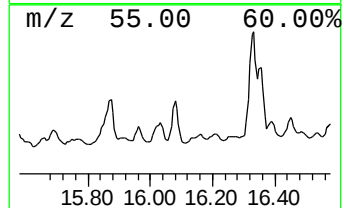
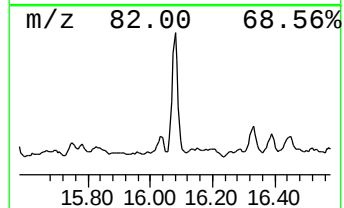
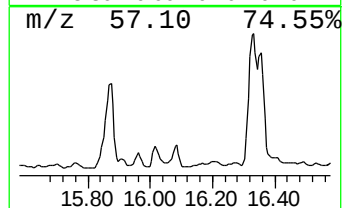
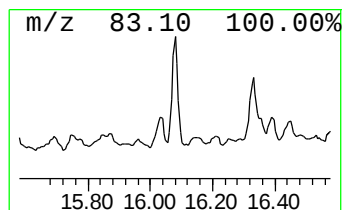
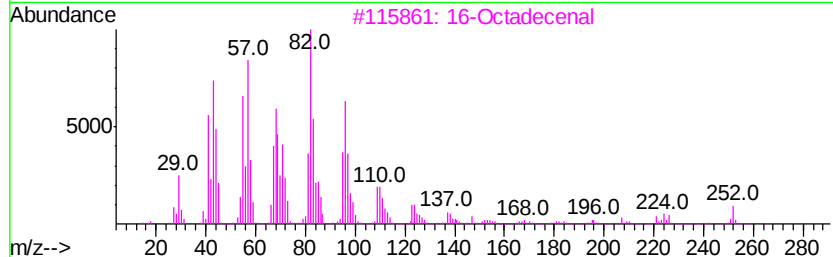
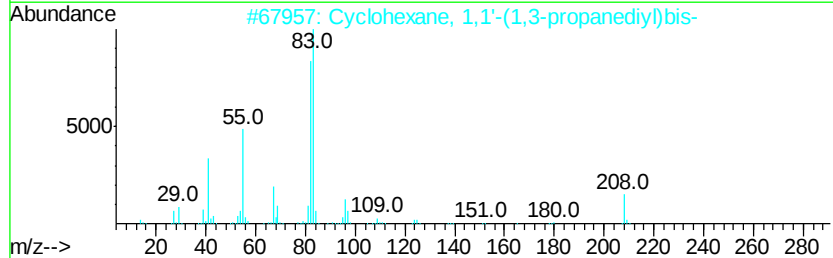
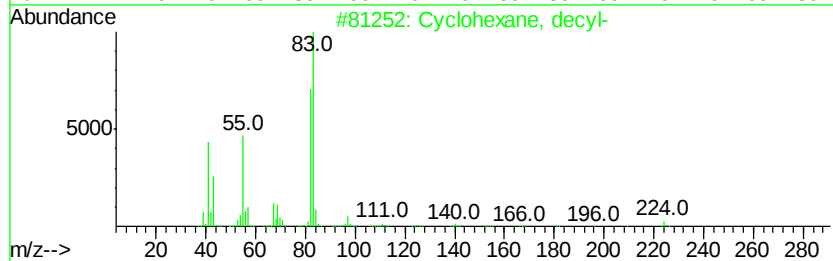
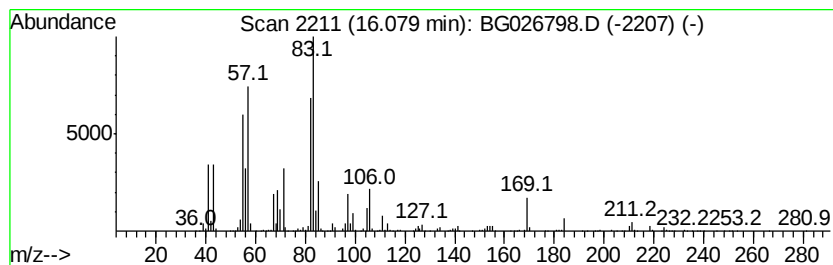
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Cyclic16.08 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	16.36 ng/ul	3553550	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, decyl-	224	C16H32	001795-16-0	49
2		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43
3		16-Octadecenal	266	C18H34O	056554-87-1	42
4		14-Octadecenal	266	C18H34O	056554-89-3	38
5		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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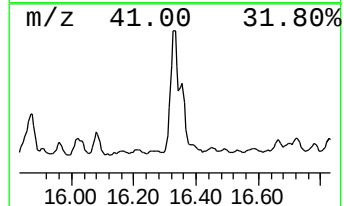
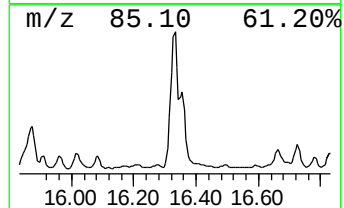
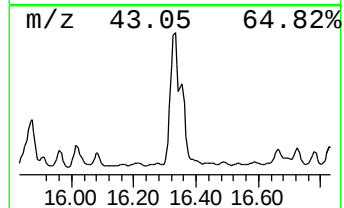
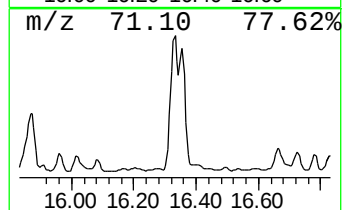
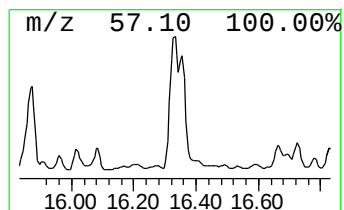
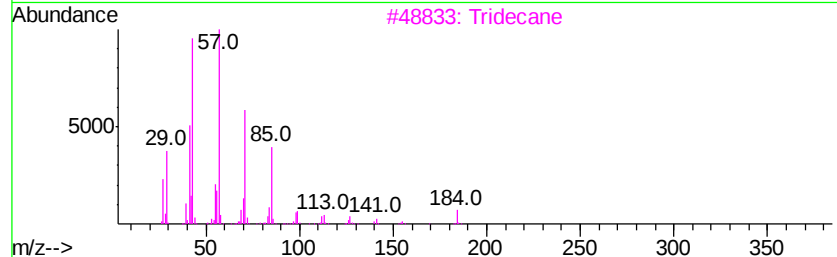
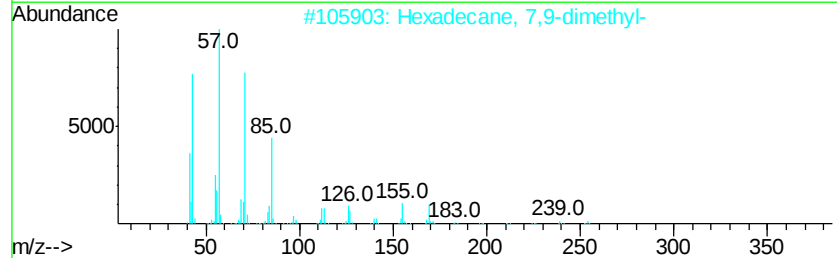
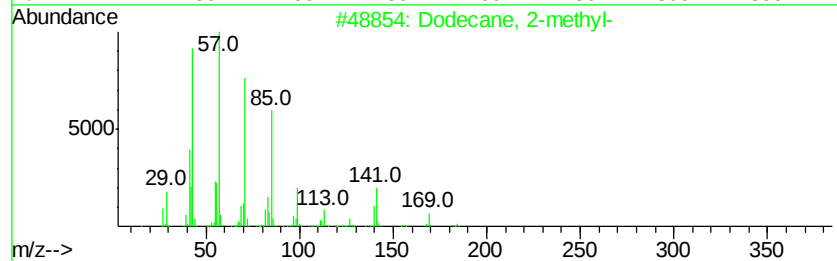
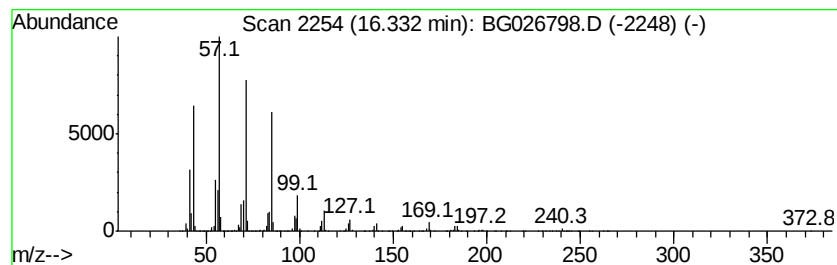
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	155.31 ng/ul	33734500	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	94
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	93
3			Tridecane	184	C13H28	000629-50-5	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

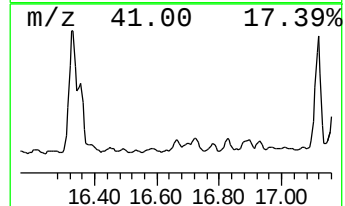
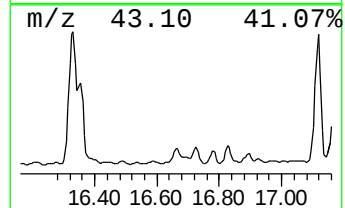
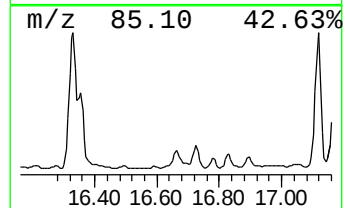
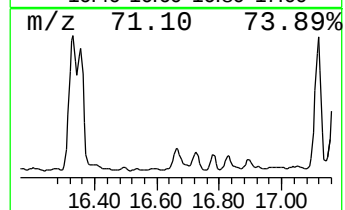
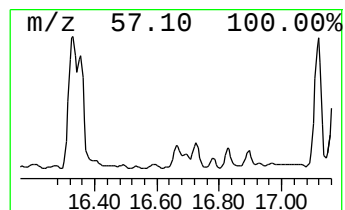
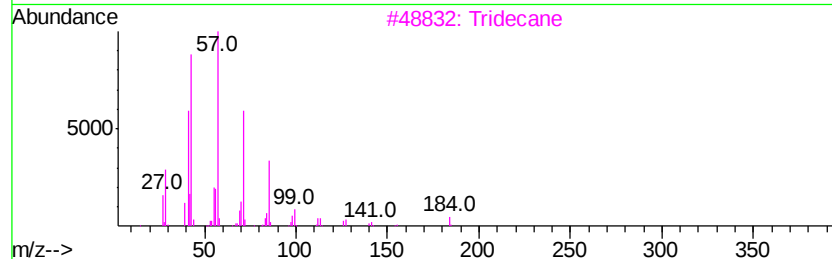
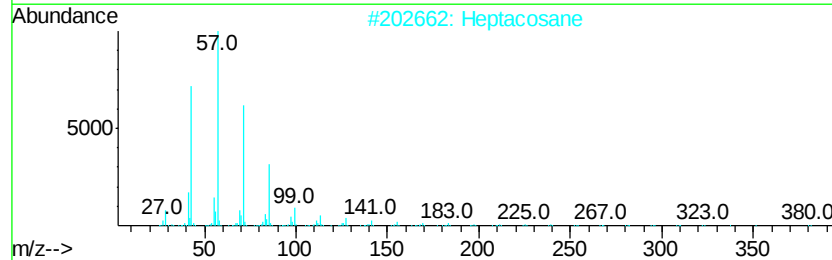
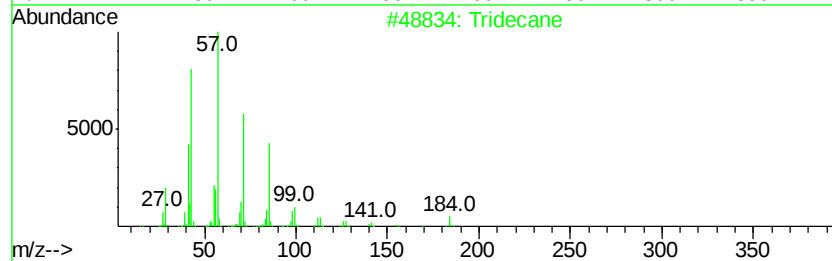
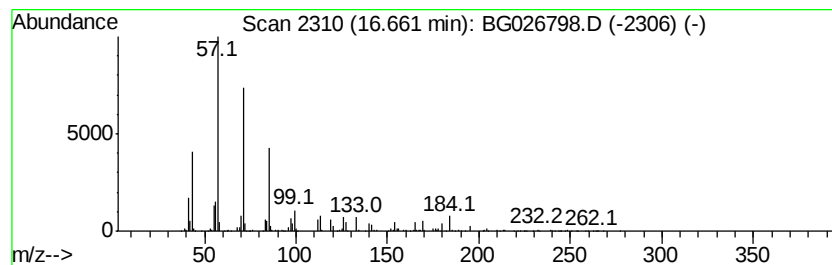
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	10.18 ng/ul	2210600	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	83
2		Heptacosane	380	C27H56	000593-49-7	80
3		Tridecane	184	C13H28	000629-50-5	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

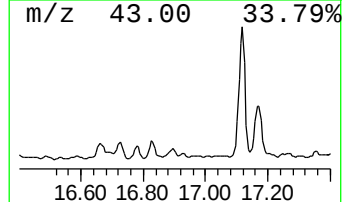
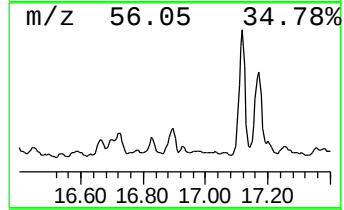
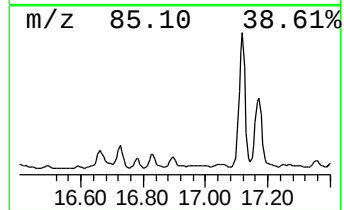
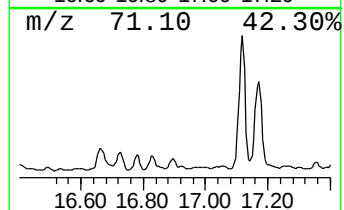
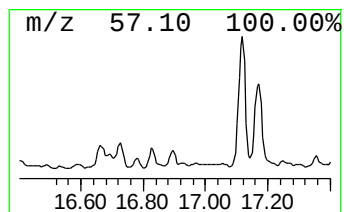
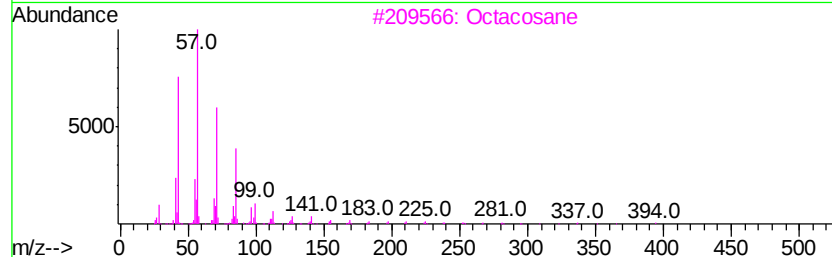
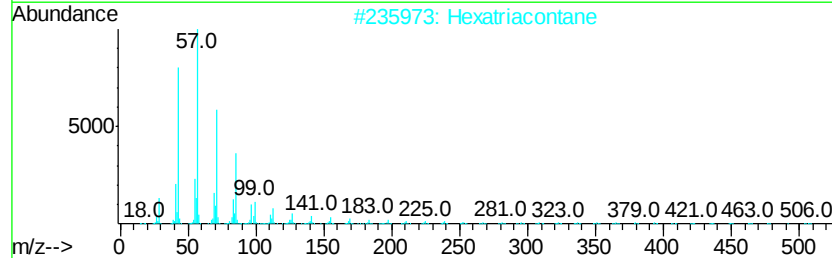
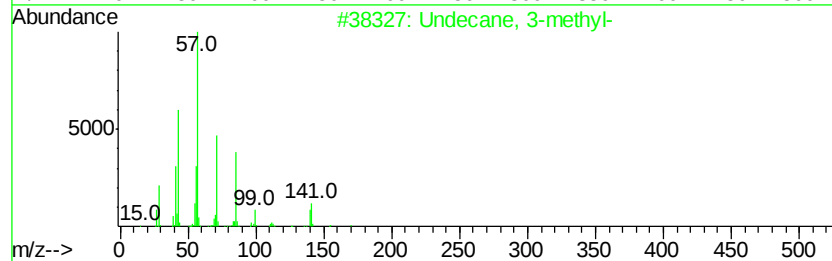
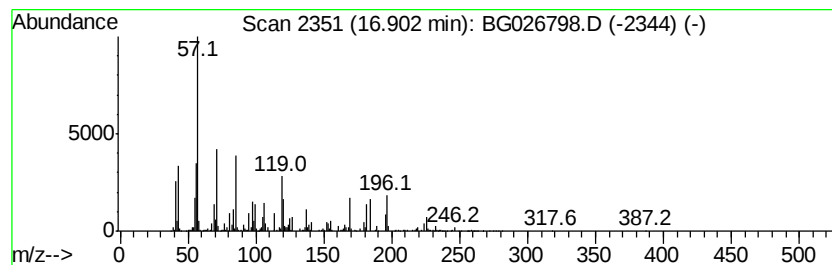
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	11.76 ng/ul	2553910	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2		Hexatriacontane	507	C36H74	000630-06-8	58
3		Octacosane	394	C28H58	000630-02-4	58
4		Heneicosane	296	C21H44	000629-94-7	53
5		Hexacosane	366	C26H54	000630-01-3	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

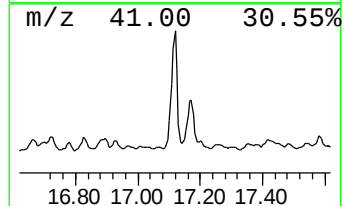
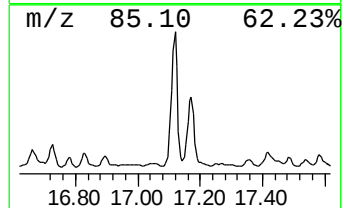
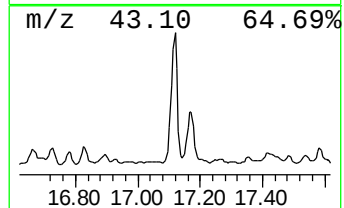
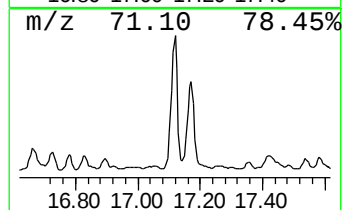
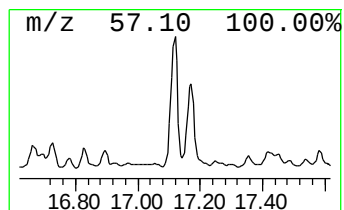
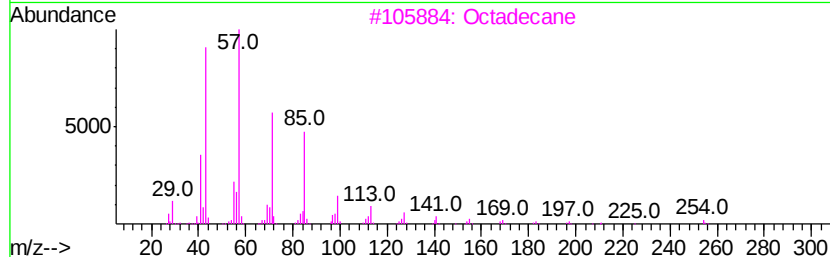
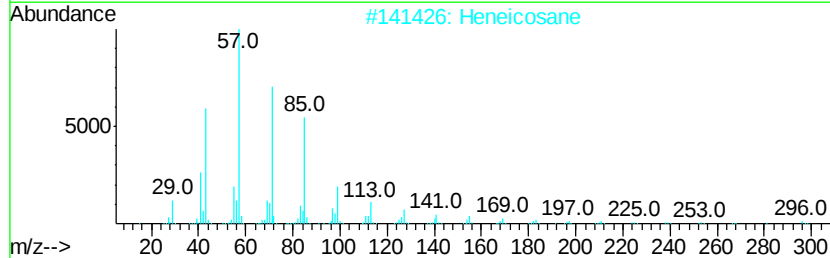
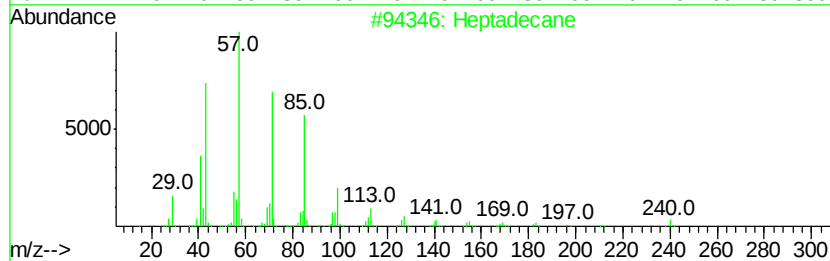
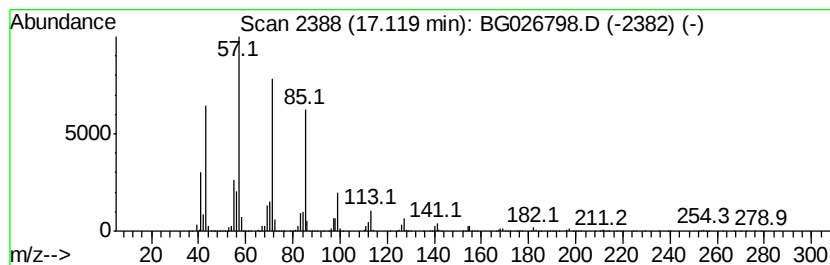
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	76.72 ng/ul	16663300	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

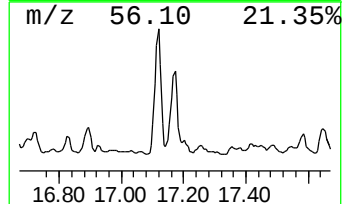
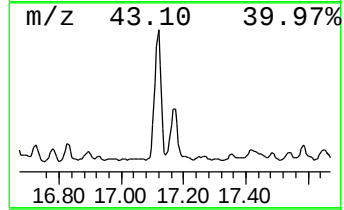
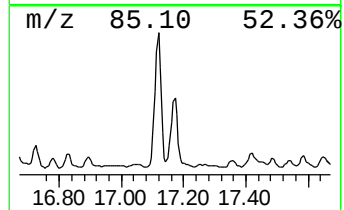
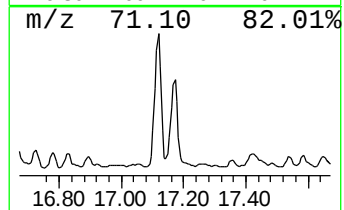
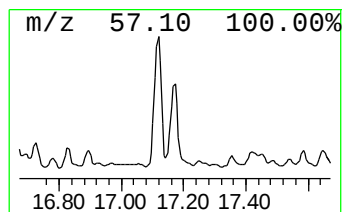
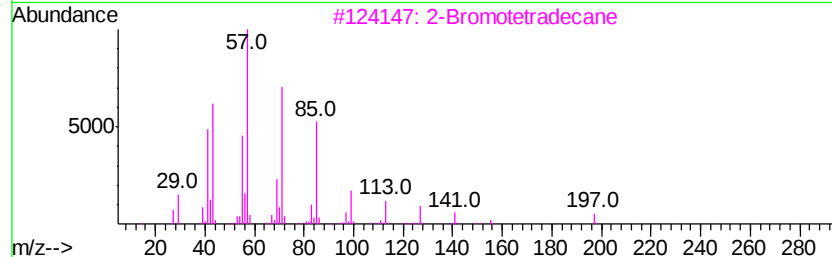
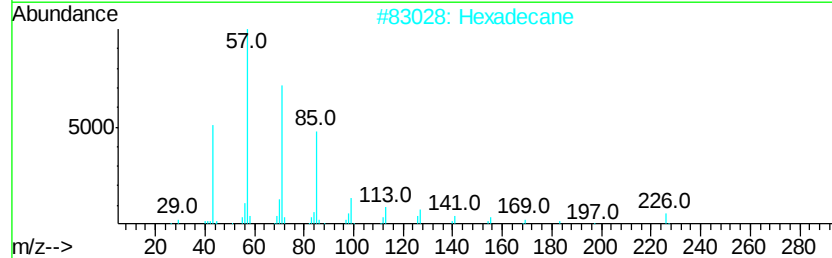
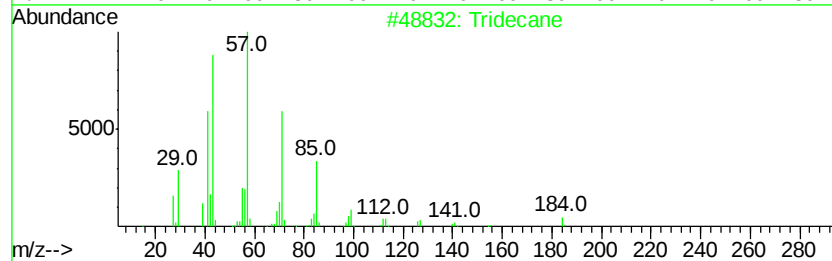
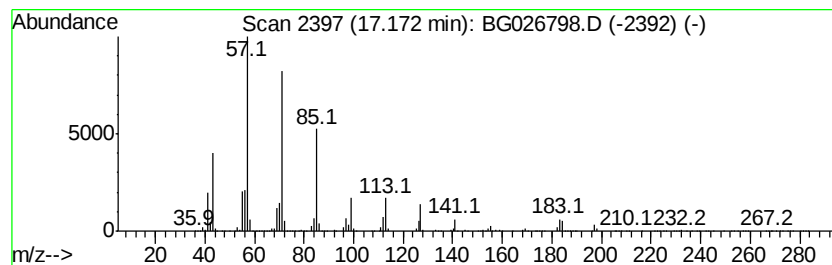
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	59.82 ng/ul	12992200	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4			Heneicosane	296	C21H44	000629-94-7	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

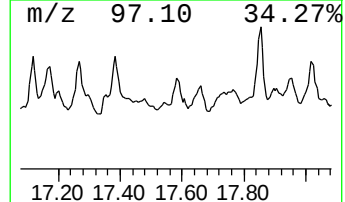
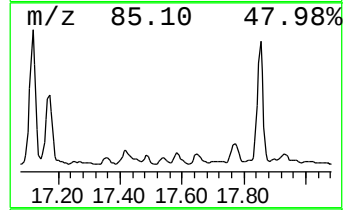
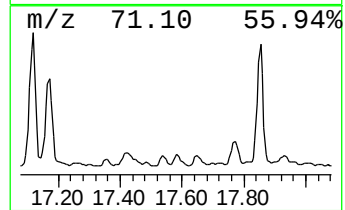
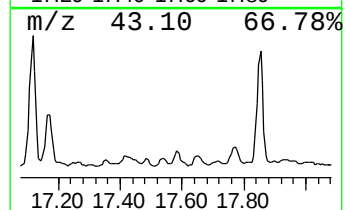
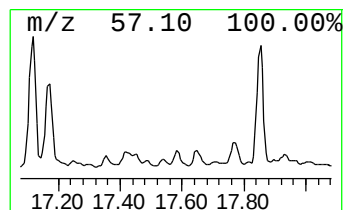
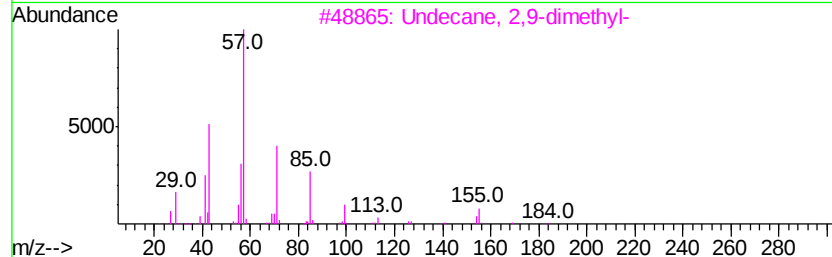
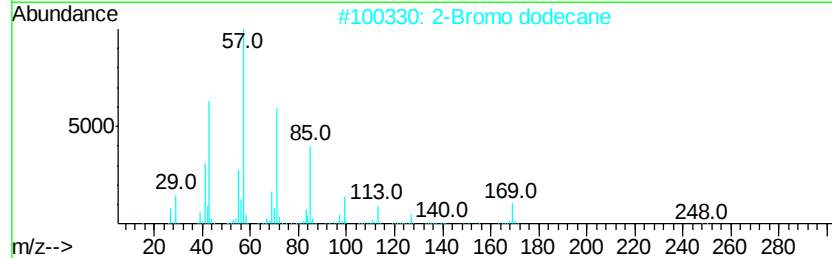
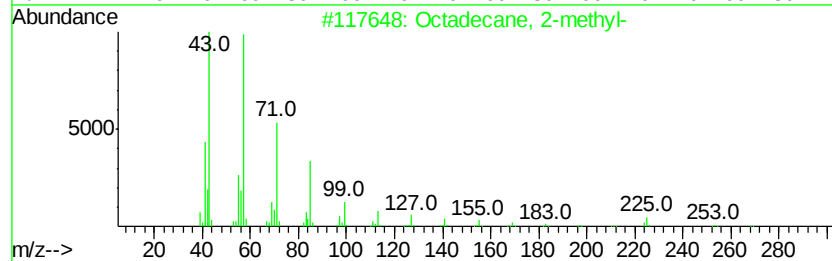
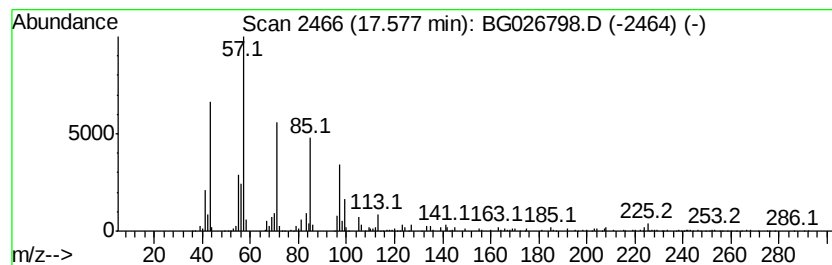
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	10.63 ng/ul	2308840	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	70
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	59
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

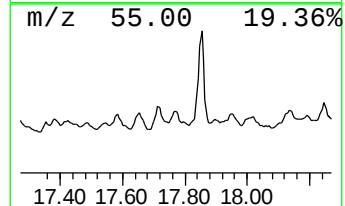
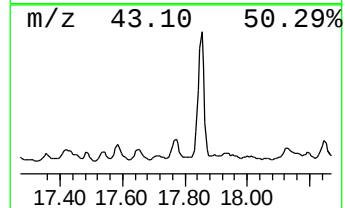
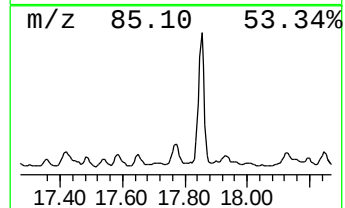
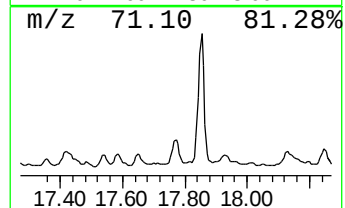
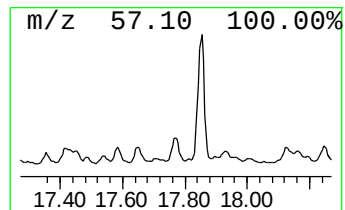
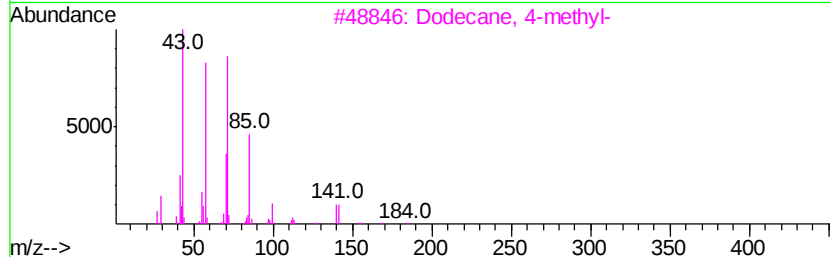
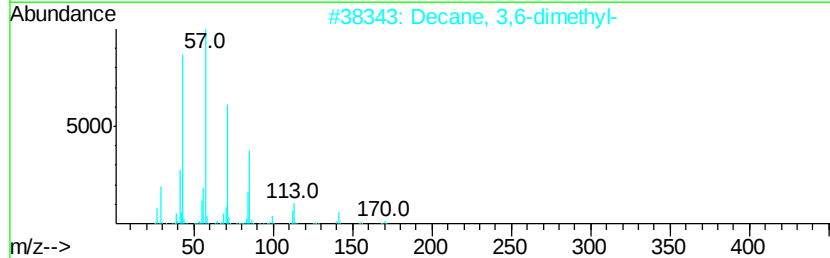
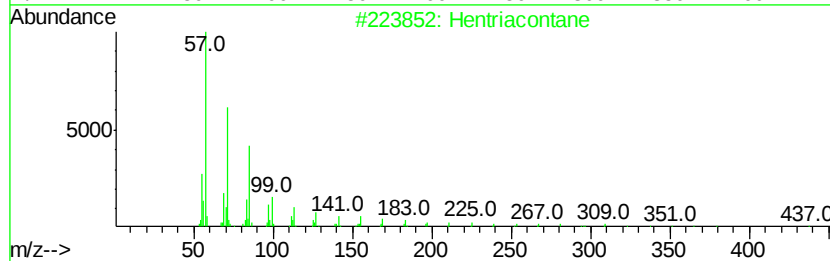
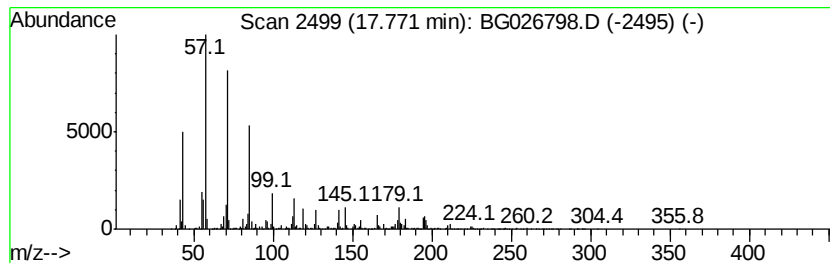
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	17.19 ng/ul	3733400	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	72
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
4			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

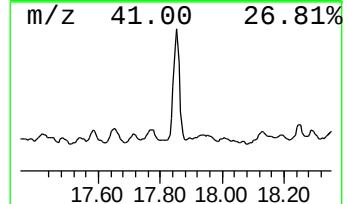
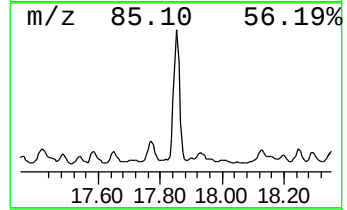
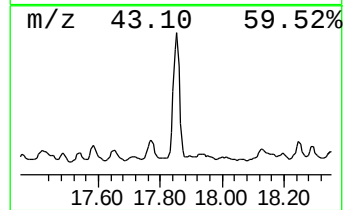
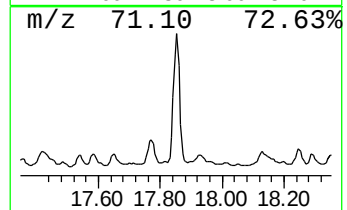
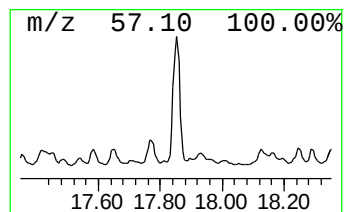
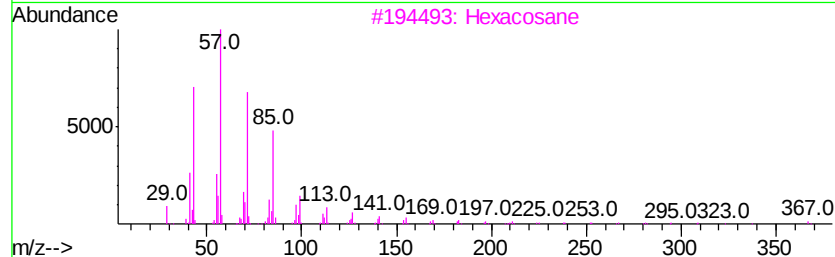
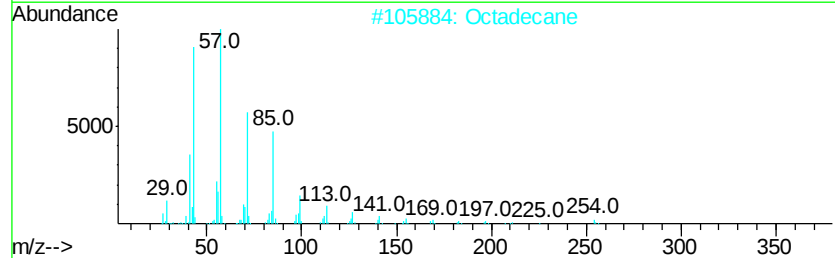
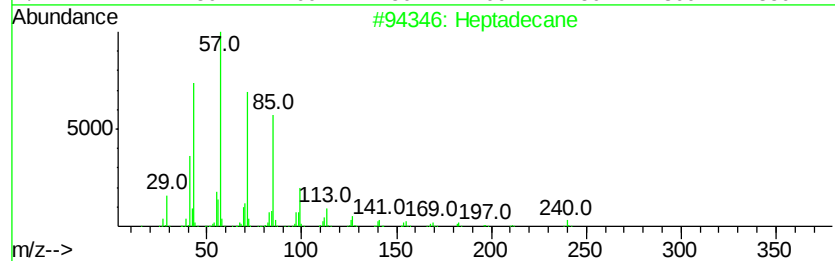
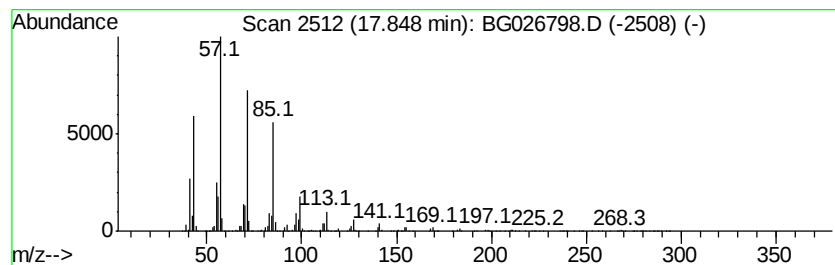
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	69.26 ng/ul	15042900	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Octadecane	254	C18H38	000593-45-3	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

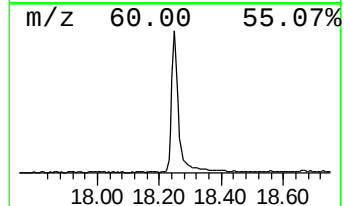
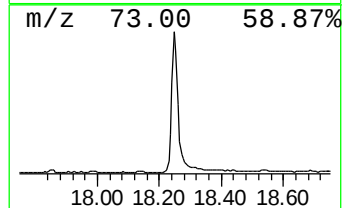
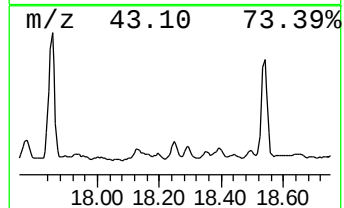
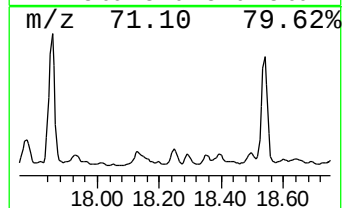
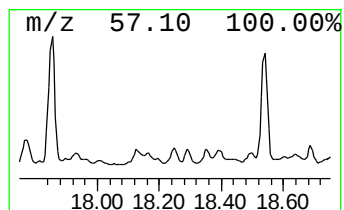
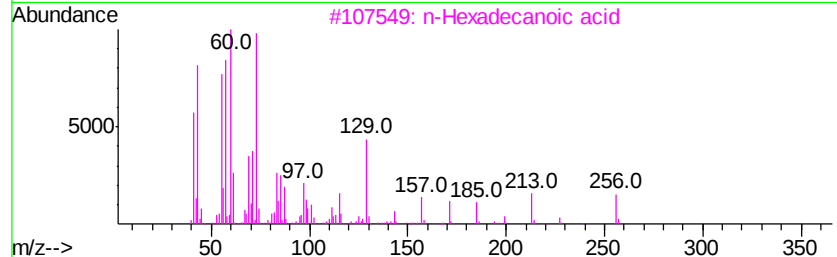
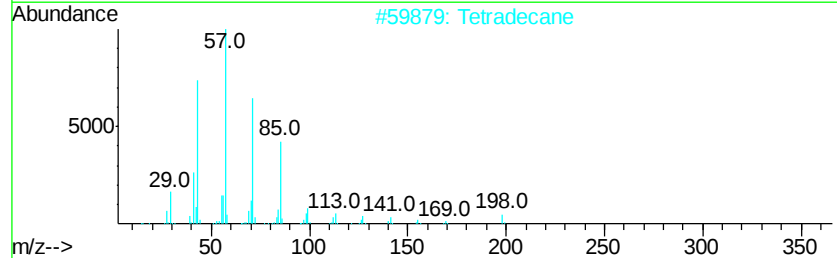
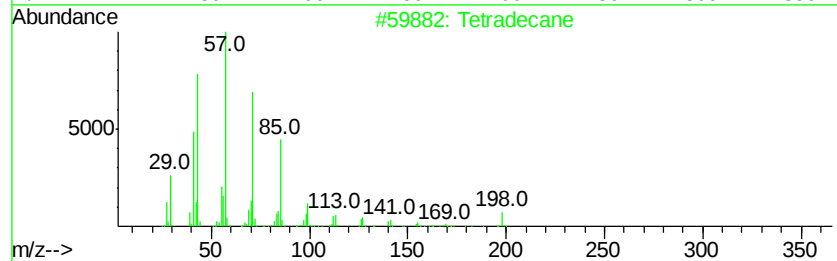
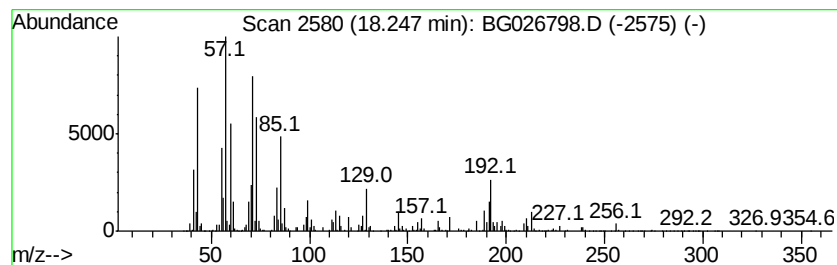
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	15.82 ng/ul	3436730	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	70
2		Tetradecane	198	C14H30	000629-59-4	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4		Tetradecane	198	C14H30	000629-59-4	50
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

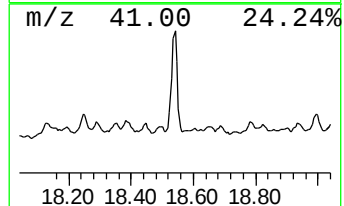
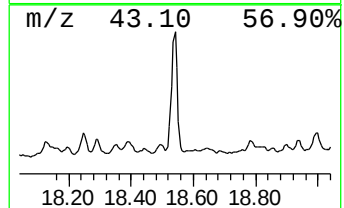
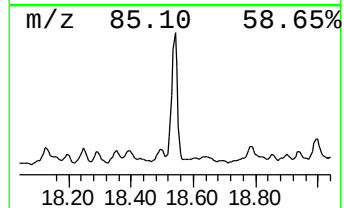
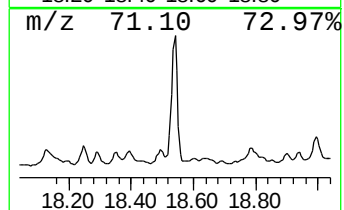
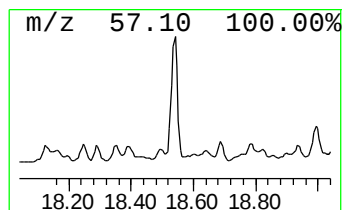
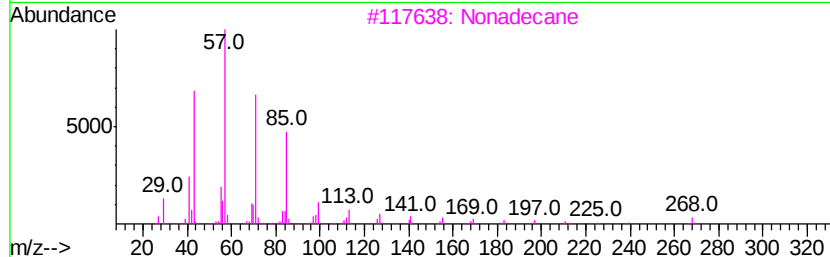
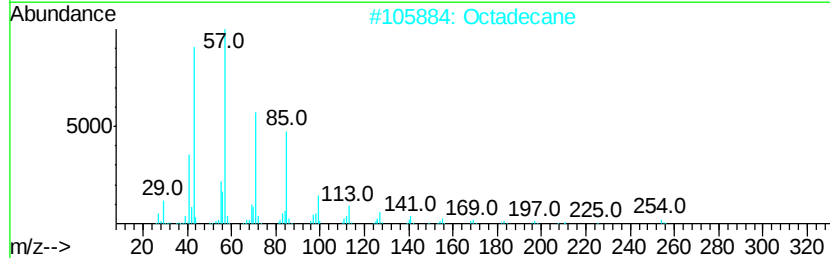
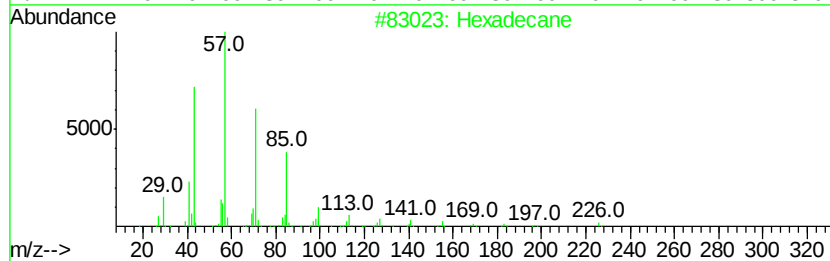
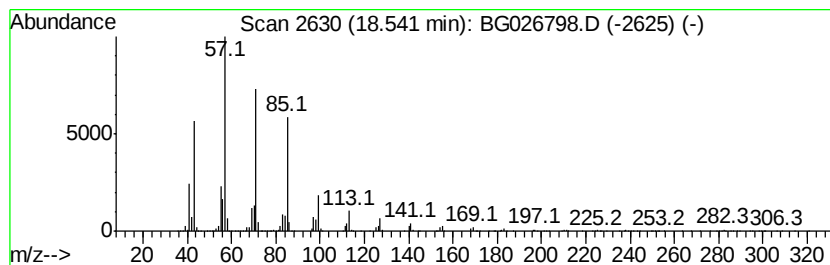
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	48.71 ng/ul	10580600	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Octadecane	254	C18H38	000593-45-3	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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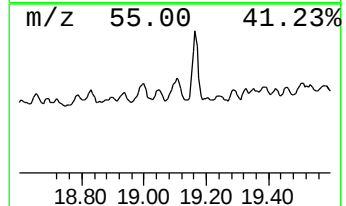
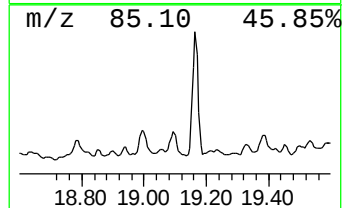
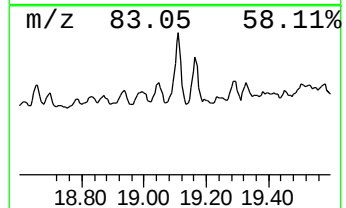
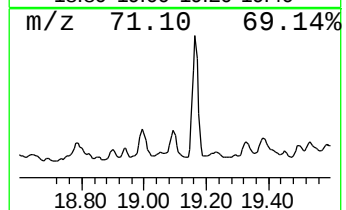
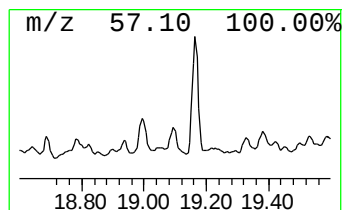
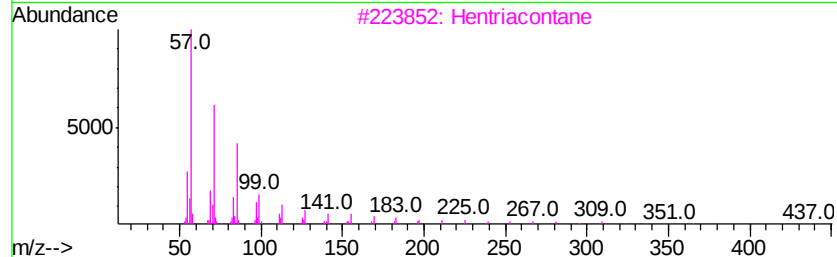
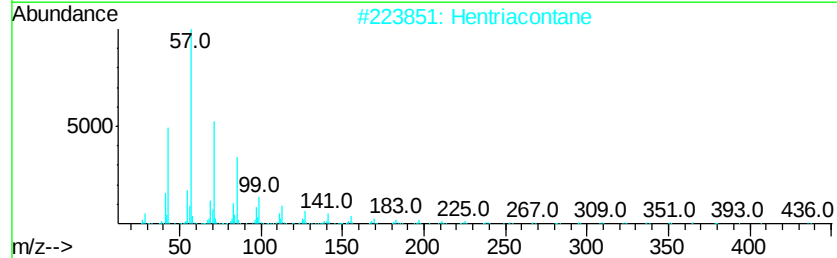
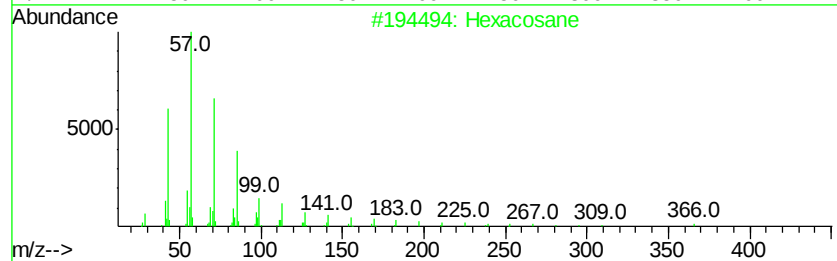
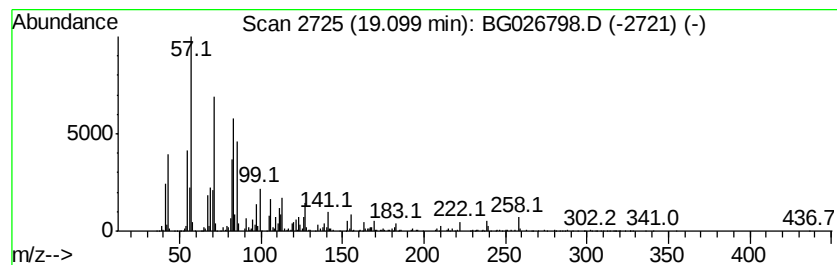
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	15.82 ng/ul	3435500	Phenanthrene-d10	17.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	68
2			Hentriacontane	437	C31H64	000630-04-6	68
3			Hentriacontane	437	C31H64	000630-04-6	68
4			Octacosane	394	C28H58	000630-02-4	64
5			Pentacosane	352	C25H52	000629-99-2	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

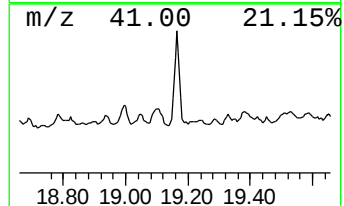
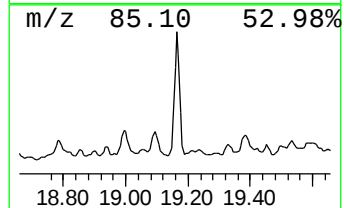
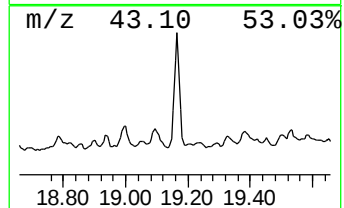
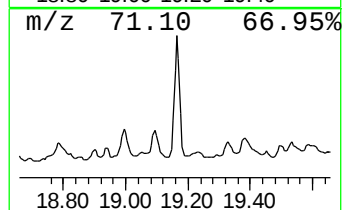
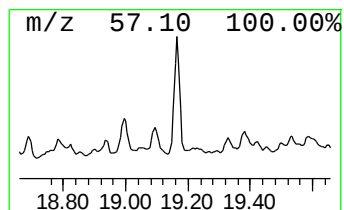
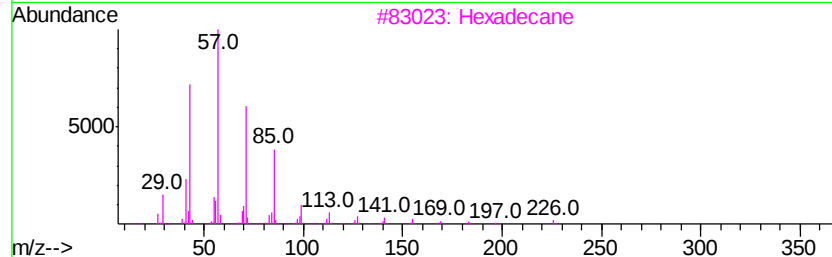
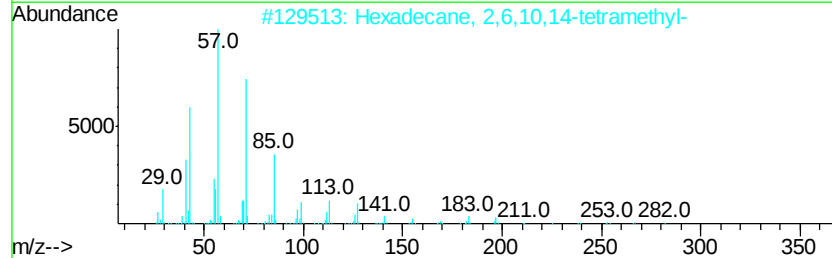
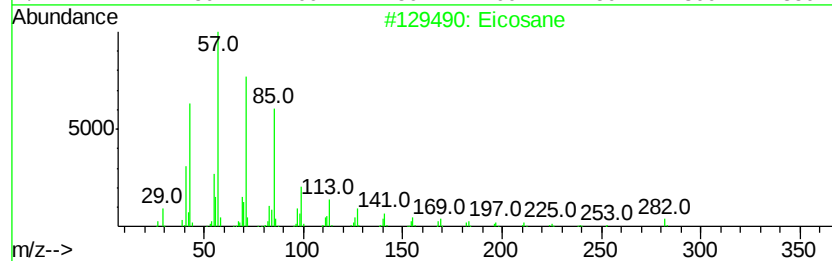
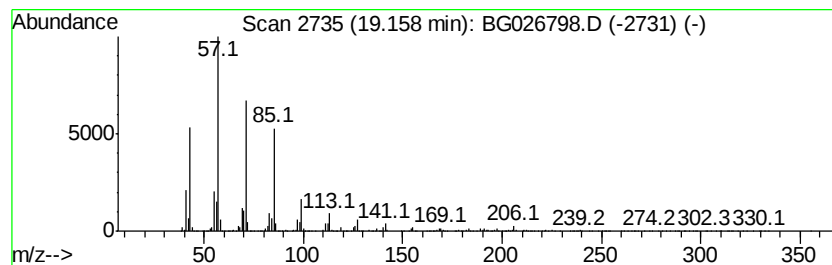
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	41.78 ng/ul	9075730	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

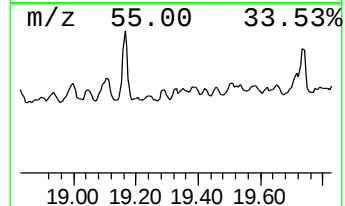
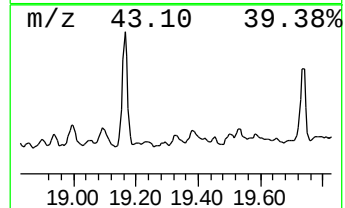
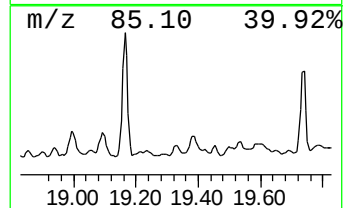
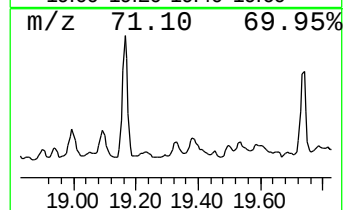
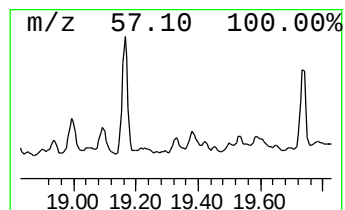
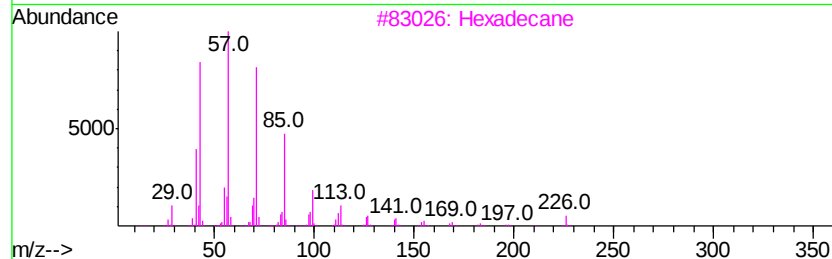
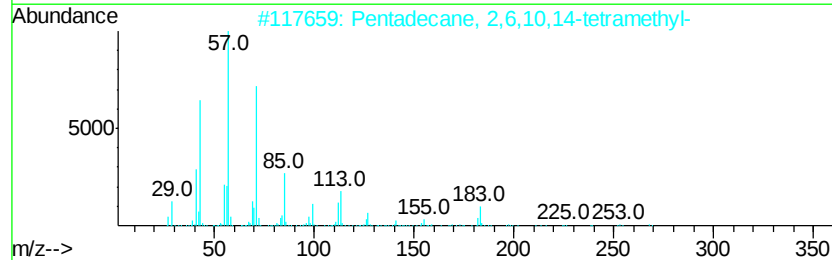
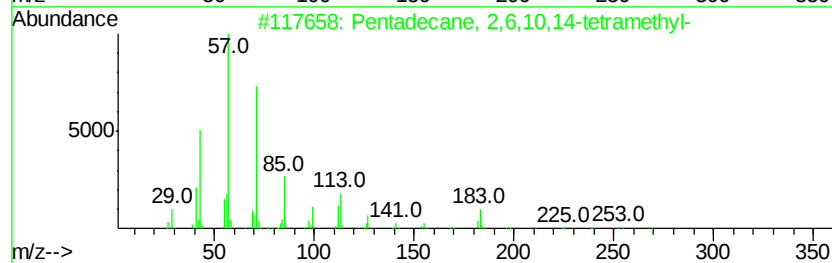
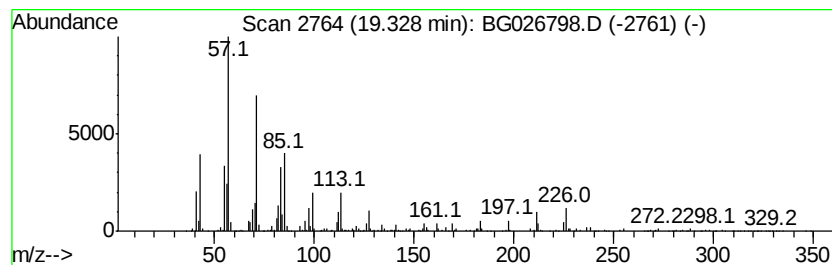
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	8.79 ng/ul	1909620	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3		Hexadecane	226	C16H34	000544-76-3	64
4		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSR5

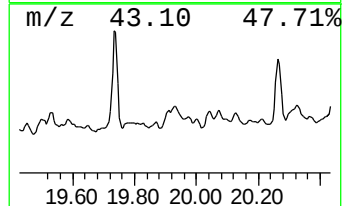
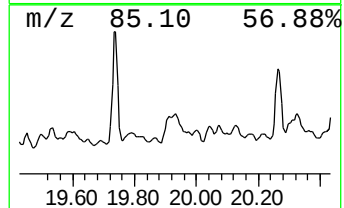
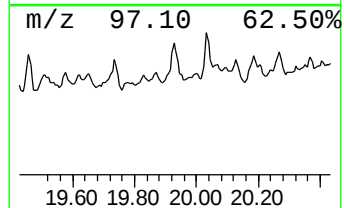
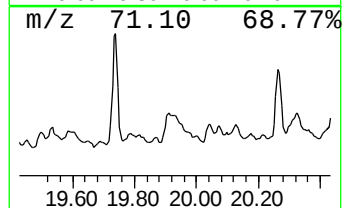
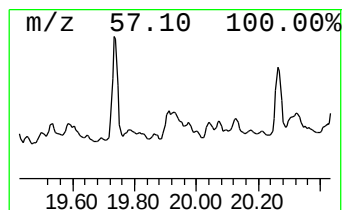
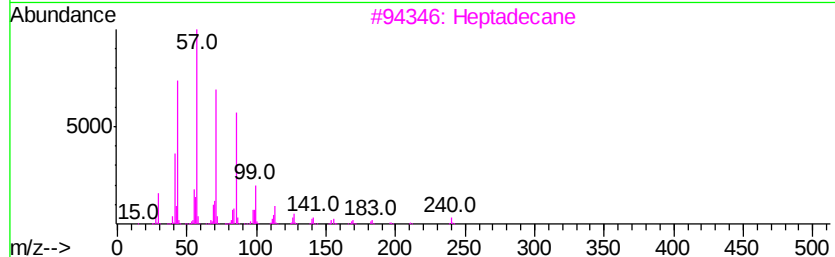
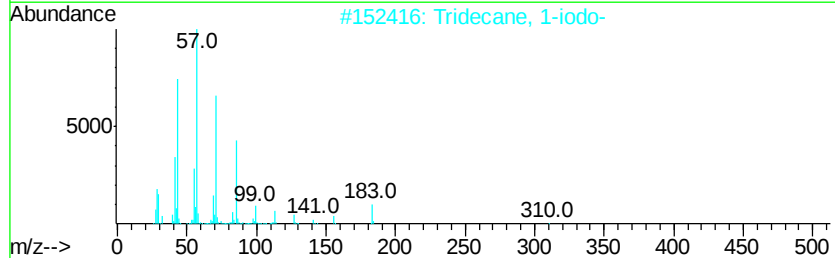
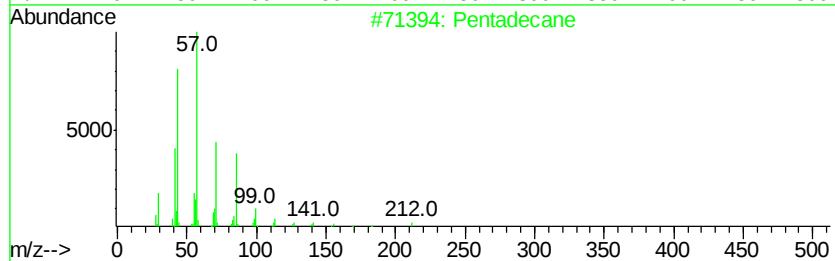
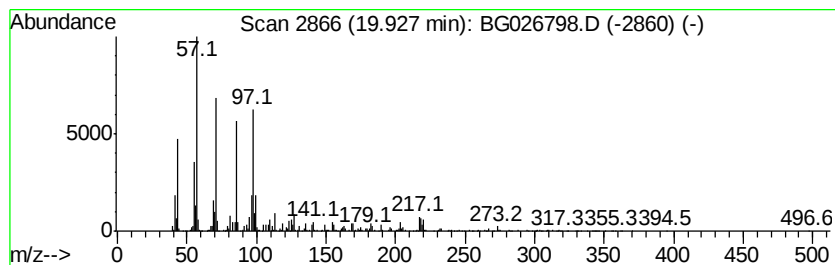
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	13.48 ng/ul	3609240	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Heptadecane	240	C17H36	000629-78-7	62
4		Pentadecane	212	C15H32	000629-62-9	60
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026798.D
Acq On : 1 May 2017 7:23
Operator : SJ/MA
Sample : I2846-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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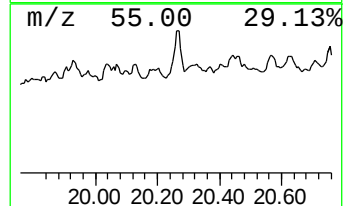
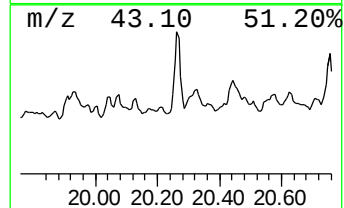
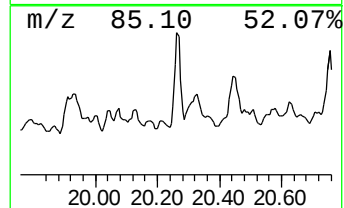
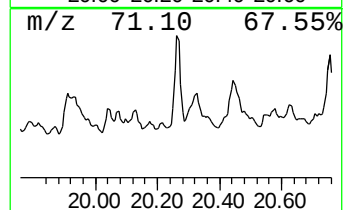
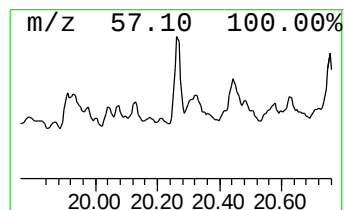
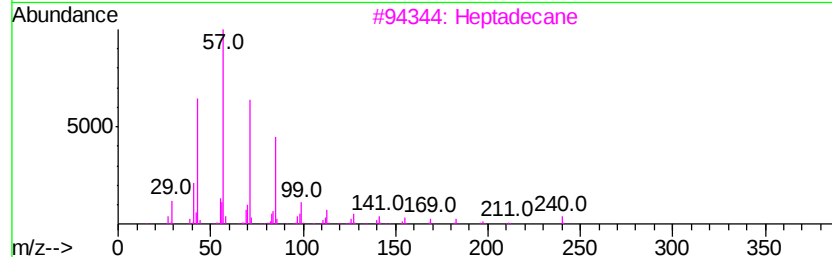
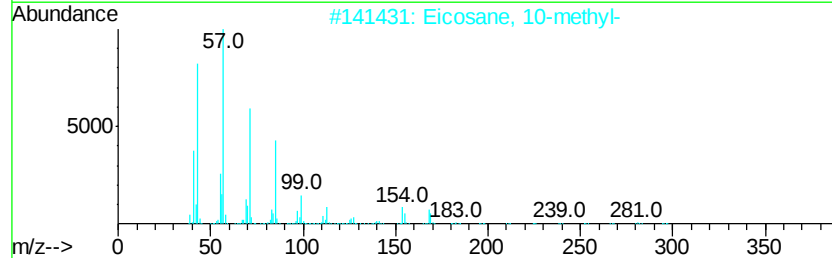
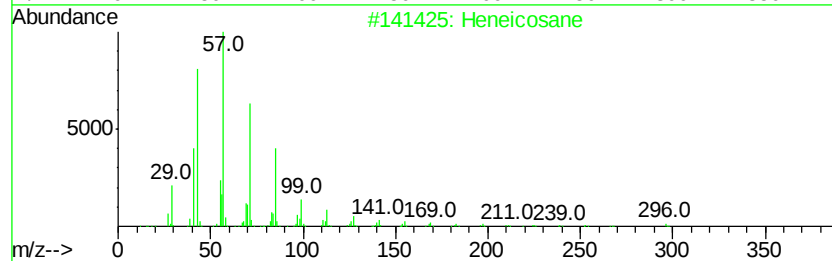
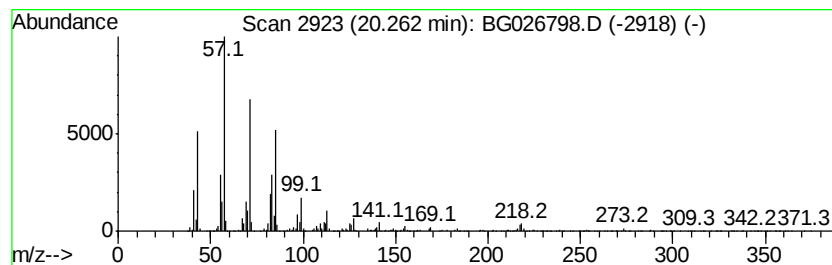
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	20.27 ng/ul	5425270	Chrysene-d12	21.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
3		Heptadecane	240	C17H36	000629-78-7	81
4		Heneicosane	296	C21H44	000629-94-7	81
5		Heptadecane	240	C17H36	000629-78-7	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
 Data File : BG026798.D
 Acq On : 1 May 2017 7:23
 Operator : SJ/MA
 Sample : I2846-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSR5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	7.00	21.3	ng/ul	2137120	1	8.01	2007180	20.0
Benzene, 1-ethyl-...	7.10	40.9	ng/ul	4104940	1	8.01	2007180	20.0
Benzene, 1-ethyl-...	7.40	20.0	ng/ul	2003140	1	8.01	2007180	20.0
Benzene, 1,2,3-tr...	7.66	101.7	ng/ul	10205200	1	8.01	2007180	20.0
Benzene, 1-methyl...	8.55	32.2	ng/ul	3235980	1	8.01	2007180	20.0
Benzene, 1,2,3,4-...	8.65	59.3	ng/ul	5949320	1	8.01	2007180	20.0
Benzene, 1-ethyl-...	9.02	19.9	ng/ul	1995590	1	8.01	2007180	20.0
Benzene, 4-ethyl-...	9.12	49.1	ng/ul	4930460	1	8.01	2007180	20.0
(DEL) Alkane: Str...	9.23	48.6	ng/ul	4875040	1	8.01	2007180	20.0
unknown-01	9.36	26.6	ng/ul	2664240	1	8.01	2007180	20.0
Benzene, 1,2,4,5-...	9.64	3.3	ng/ul	2166480	2	10.81	13230600	20.0
unknown-02	10.00	3.6	ng/ul	2391540	2	10.81	13230600	20.0
1H-Indene, 2,3-di...	10.06	6.2	ng/ul	4102770	2	10.81	13230600	20.0
(DEL) Alkane: Str...	10.16	3.8	ng/ul	2505460	2	10.81	13230600	20.0
Benzene, (1-methy...	10.73	3.6	ng/ul	2369620	2	10.81	13230600	20.0
Benzene, 1-ethyl-...	11.03	3.0	ng/ul	1961240	2	10.81	13230600	20.0
Naphthalene, 1,2,...	11.28	5.2	ng/ul	3440640	2	10.81	13230600	20.0
2-Ethyl-2,3-dihyd...	11.47	3.0	ng/ul	1949350	2	10.81	13230600	20.0
(DEL) Alkane: Cyc...	11.51	5.6	ng/ul	3678100	2	10.81	13230600	20.0
unknown-03	11.64	4.6	ng/ul	3061260	2	10.81	13230600	20.0
1H-Indene, 2,3-di...	11.72	9.0	ng/ul	5949970	2	10.81	13230600	20.0
(DEL) Alkane: Str...	11.83	9.5	ng/ul	6293740	2	10.81	13230600	20.0
Naphthalene, 1,2,...	12.00	6.7	ng/ul	4461550	2	10.81	13230600	20.0
(DEL) Alkane: Str...	12.22	19.1	ng/ul	12619200	2	10.81	13230600	20.0
Naphthalene, 1,2,...	12.71	9.0	ng/ul	5976100	2	10.81	13230600	20.0
(DEL) Alkane: Str...	12.85	14.6	ng/ul	2122880	3	14.62	2914830	20.0
(DEL) Alkane: Cyc...	12.89	16.2	ng/ul	2354820	3	14.62	2914830	20.0
(DEL) Alkane: Str...	13.02	16.8	ng/ul	2448470	3	14.62	2914830	20.0
(DEL) Alkane: Str...	13.11	14.2	ng/ul	2063470	3	14.62	2914830	20.0
(DEL) Alkane: Str...	13.16	34.1	ng/ul	4972060	3	14.62	2914830	20.0
(DEL) Alkane: Str...	14.15	20.1	ng/ul	2936690	3	14.62	2914830	20.0
(DEL) Alkane: Str...	14.22	20.4	ng/ul	2968950	3	14.62	2914830	20.0
(DEL) Alkane: Str...	14.52	126.9	ng/ul	18499900	3	14.62	2914830	20.0
(DEL) Alkane: Str...	15.13	56.4	ng/ul	8217560	3	14.62	2914830	20.0
(DEL) Alkane: Str...	15.47	128.4	ng/ul	18717400	3	14.62	2914830	20.0
(DEL) Alkane: Str...	15.87	96.8	ng/ul	14100700	3	14.62	2914830	20.0
(DEL) Alkane: Str...	15.96	20.3	ng/ul	2951940	3	14.62	2914830	20.0
(DEL) Alkane: Str...	16.02	16.8	ng/ul	3658620	4	17.37	4344070	20.0
(DEL) Alkane: Cyc...	16.08	16.4	ng/ul	3553550	4	17.37	4344070	20.0
(DEL) Alkane: Str...	16.33	155.3	ng/ul	33734500	4	17.37	4344070	20.0
(DEL) Alkane: Str...	16.66	10.2	ng/ul	2210600	4	17.37	4344070	20.0
(DEL) Alkane: Str...	16.90	11.8	ng/ul	2553910	4	17.37	4344070	20.0
(DEL) Alkane: Str...	17.12	76.7	ng/ul	16663300	4	17.37	4344070	20.0
(DEL) Alkane: Str...	17.17	59.8	ng/ul	12992200	4	17.37	4344070	20.0
(DEL) Alkane: Str...	17.58	10.6	ng/ul	2308840	4	17.37	4344070	20.0
(DEL) Alkane: Str...	17.77	17.2	ng/ul	3733400	4	17.37	4344070	20.0
(DEL) Alkane: Str...	17.85	69.3	ng/ul	15042900	4	17.37	4344070	20.0
(DEL) Alkane: Str...	18.25	15.8	ng/ul	3436730	4	17.37	4344070	20.0
(DEL) Alkane: Str...	18.54	48.7	ng/ul	10580600	4	17.37	4344070	20.0

(DEL)	Alkane: Str...	19.10	15.8	ng/ul	3435500	4	17.37	4344070	20.0
(DEL)	Alkane: Str...	19.16	41.8	ng/ul	9075730	4	17.37	4344070	20.0
(DEL)	Alkane: Str...	19.33	8.8	ng/ul	1909620	4	17.37	4344070	20.0
(DEL)	Alkane: Str...	19.93	13.5	ng/ul	3609240	5	21.61	5353410	20.0
(DEL)	Alkane: Str...	20.26	20.3	ng/ul	5425270	5	21.61	5353410	20.0

Instrument :

BNA_G

ClientSampleId :

JHSR5