

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
 Data File : BG016214.D
 Acq On : 31 Mar 2015 23:31
 Operator : TP/IZ
 Sample : G1647-11 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.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	2.899	30	36	45	rBV	142247	336683	8.94%	0.764%
2	2.981	45	50	57	rVB	314845	474870	12.61%	1.078%
3	6.941	716	724	737	rBV	167431	279030	7.41%	0.634%
4	7.105	746	752	759	rBV	133512	200964	5.34%	0.456%
5	7.305	780	786	794	rVB	163398	256872	6.82%	0.583%
6	7.769	856	865	873	rBV	376822	601606	15.98%	1.366%
7	8.474	979	985	992	rVB	202788	317738	8.44%	0.721%
8	8.927	1055	1062	1068	rVV	149817	248488	6.60%	0.564%
9	9.644	1176	1184	1195	rBV	133780	227573	6.04%	0.517%
10	10.178	1269	1275	1284	rVB	186478	316663	8.41%	0.719%
11	10.560	1328	1340	1345	rBV	550765	973628	25.86%	2.211%
12	10.607	1345	1348	1355	rVV	100577	152562	4.05%	0.346%
13	10.695	1357	1363	1373	rVB	103963	212720	5.65%	0.483%
14	11.465	1489	1494	1501	rBV7	18633	37189	0.99%	0.084%
15	11.577	1508	1513	1517	rBV2	38516	64317	1.71%	0.146%
16	11.976	1576	1581	1586	rVV2	68193	98756	2.62%	0.224%
17	12.217	1614	1622	1628	rVB	168811	280652	7.45%	0.637%
18	12.440	1653	1660	1670	rVB	150707	259879	6.90%	0.590%
19	12.675	1693	1700	1704	rVV6	24179	51739	1.37%	0.117%
20	12.881	1731	1735	1739	rBV3	23227	35334	0.94%	0.080%
21	12.934	1740	1744	1750	rVB	78946	119267	3.17%	0.271%
22	13.222	1788	1793	1801	rVB2	172819	289874	7.70%	0.658%
23	13.427	1824	1828	1831	rBV	39802	58849	1.56%	0.134%
24	13.563	1844	1851	1853	rBV	121166	216546	5.75%	0.492%
25	13.721	1867	1878	1883	rBV	196729	382822	10.17%	0.869%
26	13.774	1883	1887	1889	rVV	130478	184537	4.90%	0.419%
27	13.809	1889	1893	1898	rVB	297985	419447	11.14%	0.952%
28	13.856	1898	1901	1902	rBV	39132	42527	1.13%	0.097%
29	13.880	1902	1905	1909	rVB	108813	135331	3.59%	0.307%
30	13.927	1909	1913	1914	rBV3	38991	51164	1.36%	0.116%
31	13.956	1914	1918	1922	rVB2	66988	93849	2.49%	0.213%
32	13.991	1922	1924	1929	rVB3	52195	66249	1.76%	0.150%
33	14.091	1936	1941	1945	rBV	386938	570874	15.16%	1.296%
34	14.226	1961	1964	1971	rVB8	30738	57223	1.52%	0.130%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
 Title : SVOA CALIBRATION

35	14.297	1971	1976	1983	rBV	199917	267354	7.10%	0.607%
36	14.403	1983	1994	1999	rBV2	765557	1320414	35.06%	2.998%
37	14.461	1999	2004	2012	rVB	355882	557719	14.81%	1.266%
38	14.526	2012	2015	2020	rBV2	28970	36860	0.98%	0.084%
39	14.608	2023	2029	2038	rVB	169412	308503	8.19%	0.701%
40	14.708	2039	2046	2050	rBV5	32763	86742	2.30%	0.197%
41	14.796	2056	2061	2068	rVB	487218	689447	18.31%	1.566%
42	14.873	2068	2074	2078	rVV	82722	124423	3.30%	0.283%
43	14.914	2078	2081	2086	rVB3	41448	65457	1.74%	0.149%
44	15.020	2094	2099	2103	rBV	59722	94000	2.50%	0.213%
45	15.067	2103	2107	2113	rVB	68107	94051	2.50%	0.214%
46	15.190	2120	2128	2130	rBV2	63847	122812	3.26%	0.279%
47	15.219	2130	2133	2134	rVV	48835	55708	1.48%	0.126%
48	15.249	2134	2138	2142	rVB	183275	231955	6.16%	0.527%
49	15.390	2157	2162	2167	rVB	445225	595818	15.82%	1.353%
50	15.449	2167	2172	2180	rVB	527638	750523	19.93%	1.704%
51	15.513	2180	2183	2190	rBV4	41812	67774	1.80%	0.154%
52	15.572	2190	2193	2195	rVB2	32425	31994	0.85%	0.073%
53	15.607	2195	2199	2203	rBV3	62307	86673	2.30%	0.197%
54	15.654	2203	2207	2211	rVB2	103236	140579	3.73%	0.319%
55	15.742	2217	2222	2228	rVB	155568	261034	6.93%	0.593%
56	15.807	2229	2233	2238	rBV4	25024	47574	1.26%	0.108%
57	15.889	2238	2247	2254	rBV	151691	338703	8.99%	0.769%
58	16.107	2279	2284	2286	rBV	237754	334173	8.87%	0.759%
59	16.447	2336	2342	2347	rBV4	88574	160291	4.26%	0.364%
60	16.494	2348	2350	2355	rVB3	46840	70022	1.86%	0.159%
61	16.600	2365	2368	2373	rVB3	42729	61537	1.63%	0.140%
62	16.677	2373	2381	2385	rBV3	79081	165866	4.40%	0.377%
63	16.718	2385	2388	2391	rVB	53548	66477	1.77%	0.151%
64	16.794	2397	2401	2407	rVB	190301	282493	7.50%	0.641%
65	16.894	2415	2418	2422	rVB	160640	198315	5.27%	0.450%
66	16.959	2424	2429	2437	rVB2	224707	394563	10.48%	0.896%
67	17.141	2455	2460	2464	rBV2	819572	1273149	33.81%	2.891%
68	17.188	2464	2468	2473	rVV	2720617	3765703	100.00%	8.551%
69	17.241	2473	2477	2480	rVV	481000	715067	18.99%	1.624%
70	17.276	2480	2483	2488	rVV	515639	640471	17.01%	1.454%
71	17.329	2488	2492	2497	rVV3	56406	88701	2.36%	0.201%

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Integration Parameters: LSCINT.P

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Smoothing : OFF
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Start Thrs: 0.2
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72	17.546	2525	2529	2534	rVB	173091	225242	5.98%	0.511%
73	17.634	2540	2544	2547	rBV	140810	169897	4.51%	0.386%
74	17.722	2556	2559	2567	rVB5	55322	94266	2.50%	0.214%
75	18.016	2605	2609	2613	rBV	248167	377950	10.04%	0.858%
76	18.063	2613	2617	2623	rVB	392835	544004	14.45%	1.235%
77	18.145	2626	2631	2635	rBV	126297	174124	4.62%	0.395%
78	18.216	2637	2643	2646	rVV3	388960	673592	17.89%	1.530%
79	18.245	2646	2648	2653	rVB	168565	201548	5.35%	0.458%
80	18.328	2658	2662	2665	rBV2	127238	152959	4.06%	0.347%
81	18.516	2690	2694	2698	rBV	186209	256385	6.81%	0.582%
82	18.557	2698	2701	2707	rVB2	195179	263199	6.99%	0.598%
83	18.933	2761	2765	2768	rBV	122557	202632	5.38%	0.460%
84	19.074	2786	2789	2796	rBV	137806	223485	5.93%	0.507%
85	19.203	2805	2811	2817	rVB	2577405	3429463	91.07%	7.787%
86	19.532	2862	2867	2869	rBV3	864917	1195020	31.73%	2.714%
87	19.567	2869	2873	2880	rVV	2001714	2848232	75.64%	6.467%
88	19.632	2881	2884	2891	rVB2	131817	193783	5.15%	0.440%
89	19.738	2900	2902	2907	rVB	135603	169776	4.51%	0.386%
90	19.802	2910	2913	2917	rVB2	107517	145522	3.86%	0.330%
91	19.885	2922	2927	2928	rBV	148498	231024	6.13%	0.525%
92	20.055	2952	2956	2962	rVB2	381671	645916	17.15%	1.467%
93	20.155	2970	2973	2977	rVB	280635	322231	8.56%	0.732%
94	21.306	3164	3169	3174	rBV3	1501285	3005189	79.80%	6.824%
95	21.353	3174	3177	3186	rVB	1043173	1356482	36.02%	3.080%
96	22.916	3439	3443	3447	rBV	478803	918789	24.40%	2.086%
97	23.410	3523	3527	3531	rVV	316954	512823	13.62%	1.164%
98	23.463	3532	3536	3539	rVV3	364504	666068	17.69%	1.512%
99	23.510	3540	3544	3550	rVB	726016	1261078	33.49%	2.864%
100	23.604	3556	3560	3565	rVB2	529481	870222	23.11%	1.976%

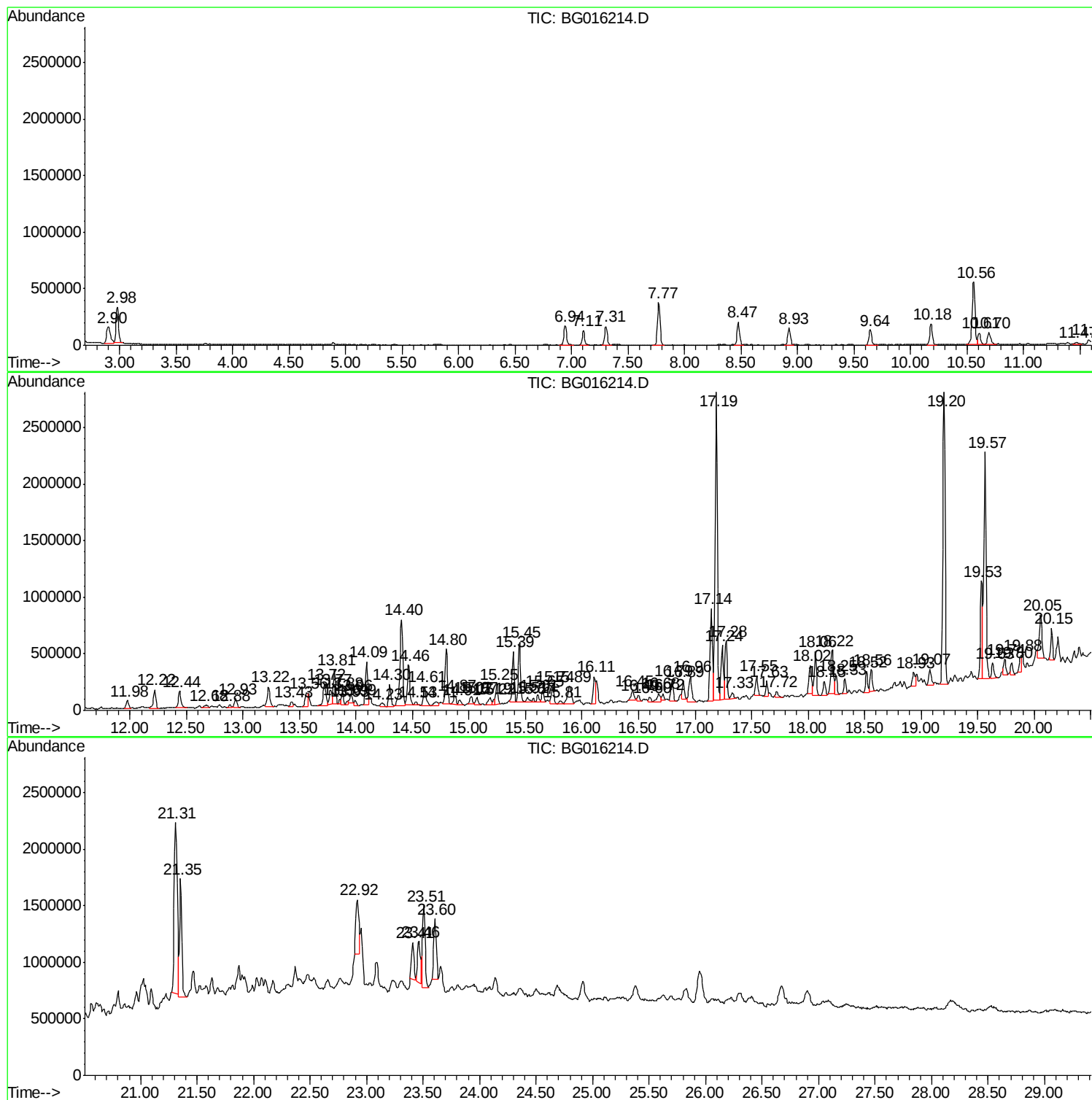
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Instrument :
BNA_G
ClientSampled :
C0AD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
BNA_G
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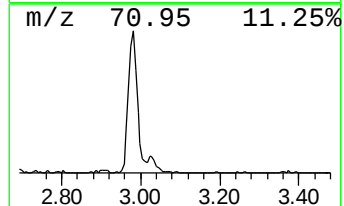
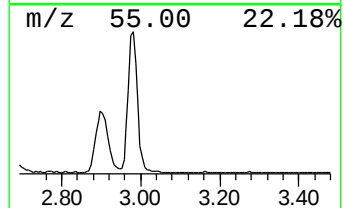
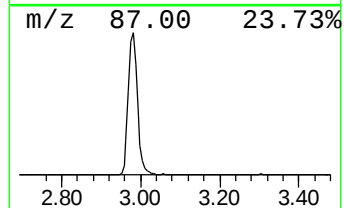
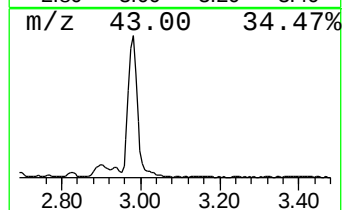
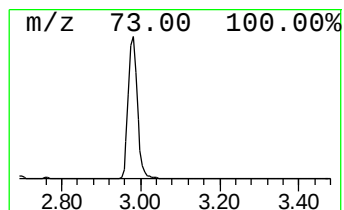
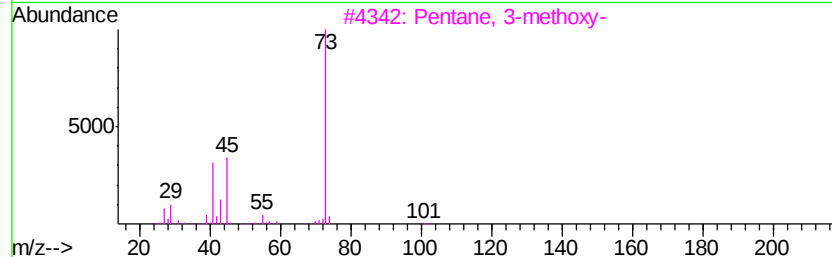
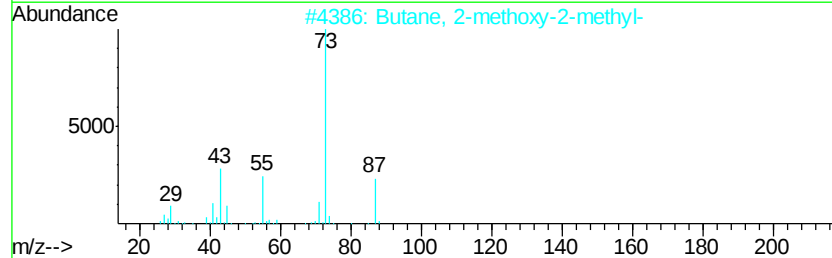
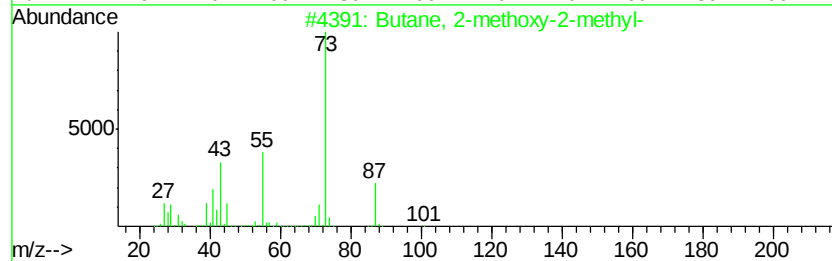
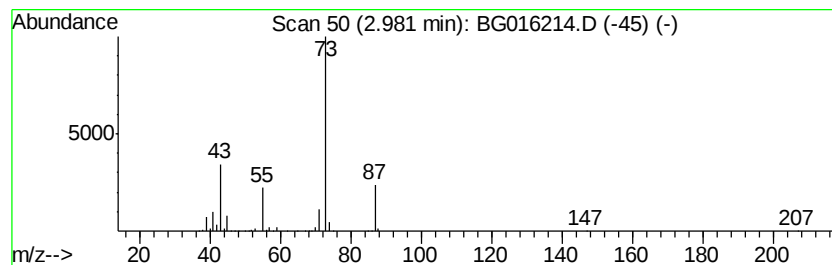
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	15.79 ng/ul	474870	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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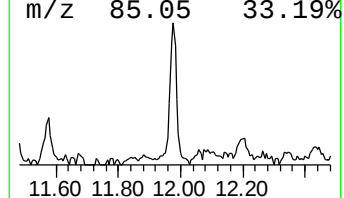
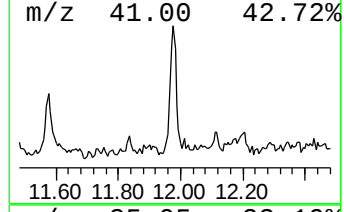
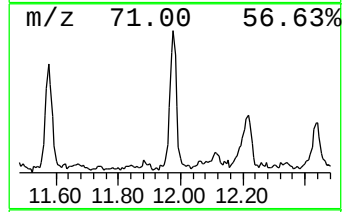
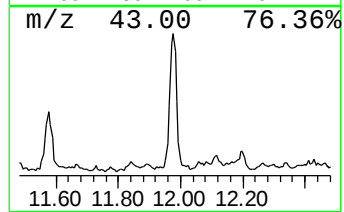
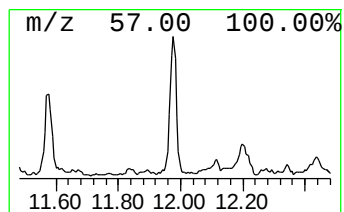
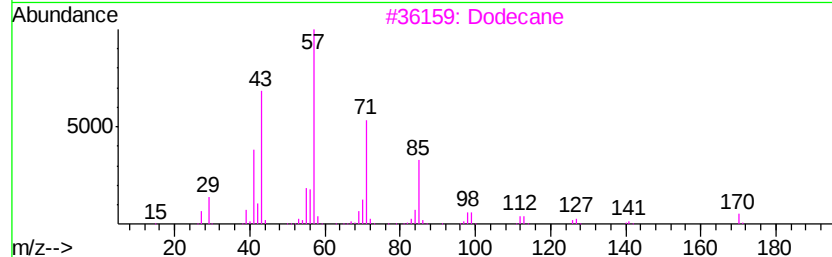
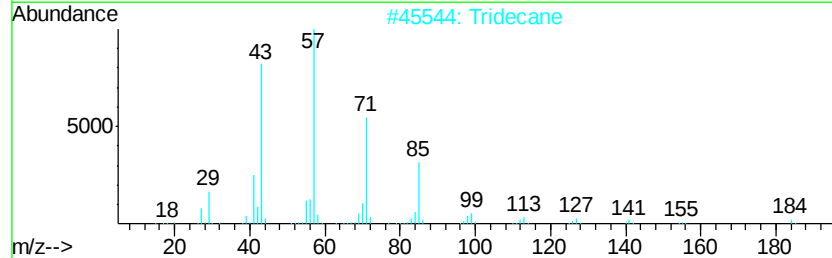
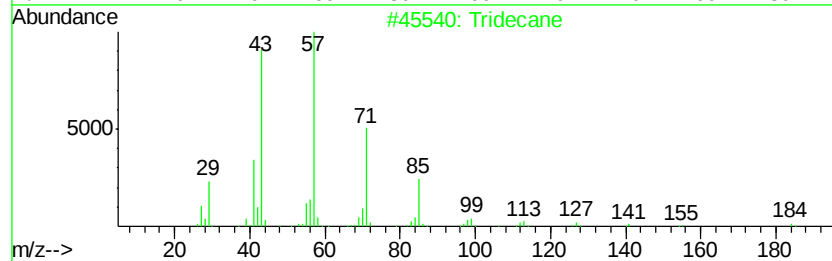
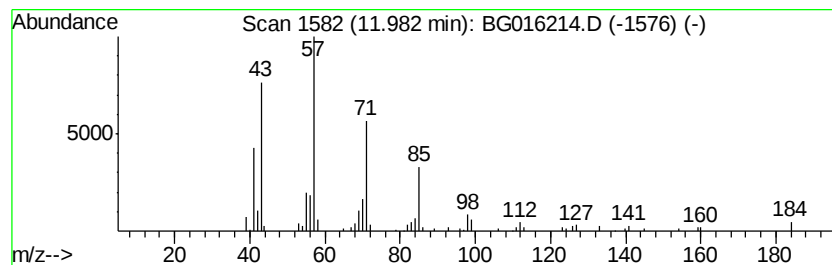
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Branched Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.03 ng/ul	98756	Napthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Tridecane	184	C13H28	000629-50-5	87
3		Dodecane	170	C12H26	000112-40-3	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Tetradecane	198	C14H30	000629-59-4	72



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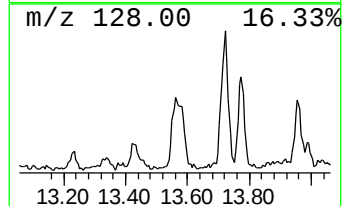
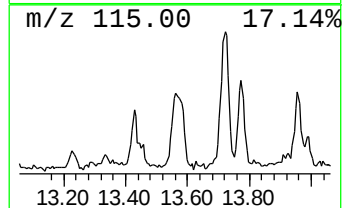
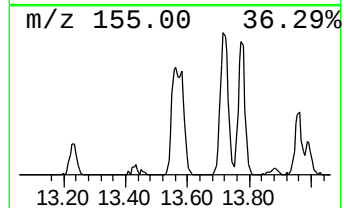
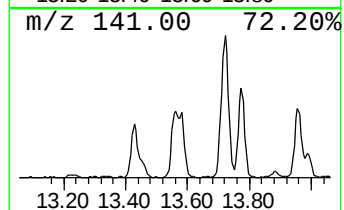
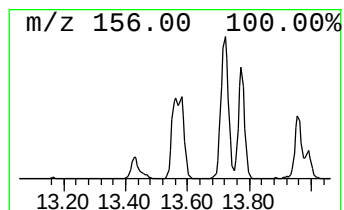
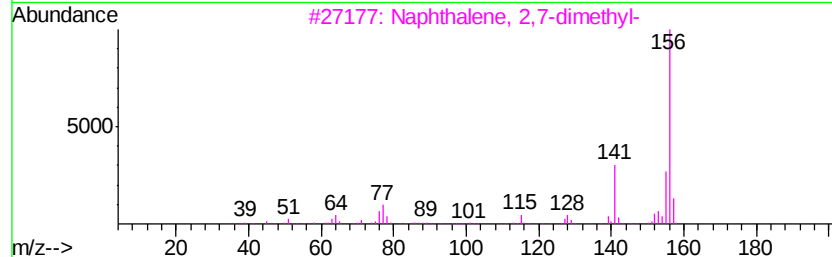
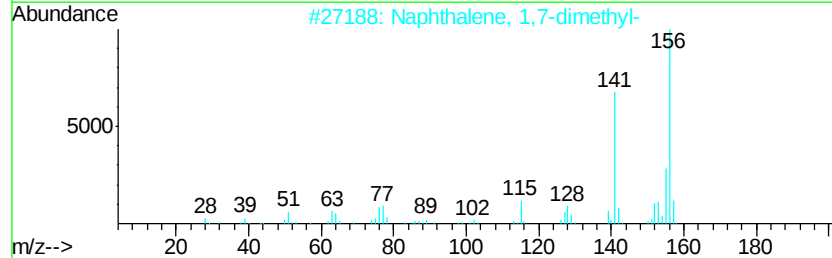
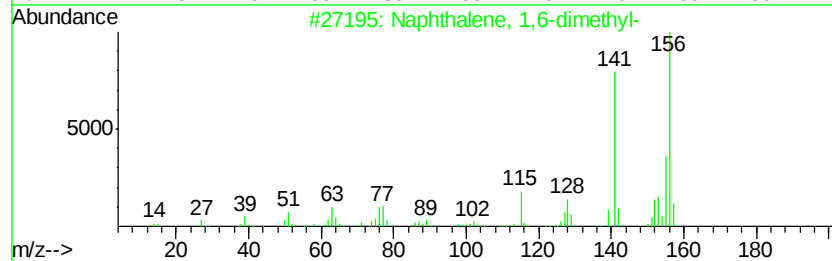
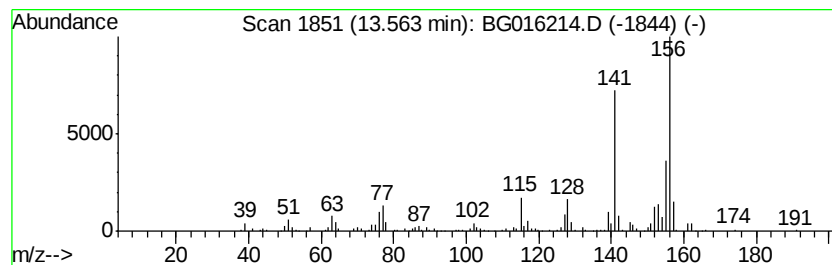
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.28 ng/ul	216546	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

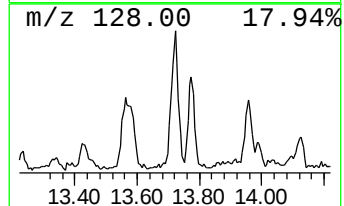
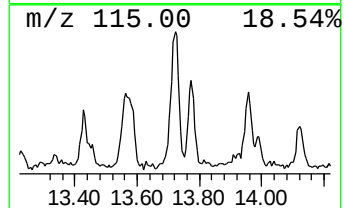
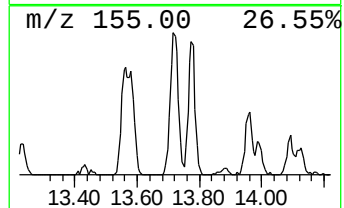
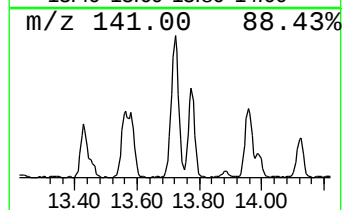
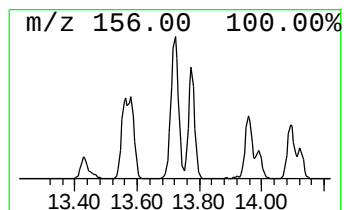
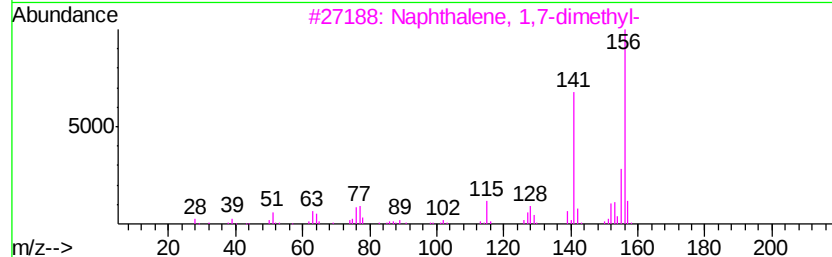
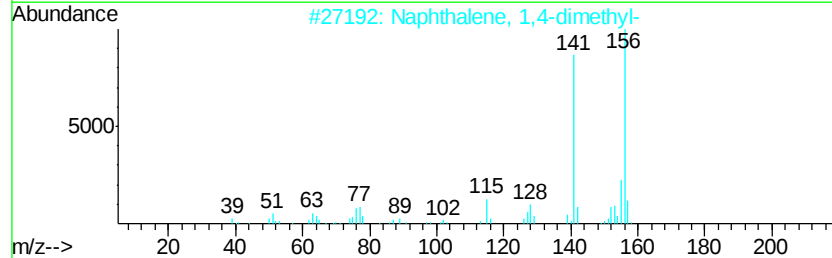
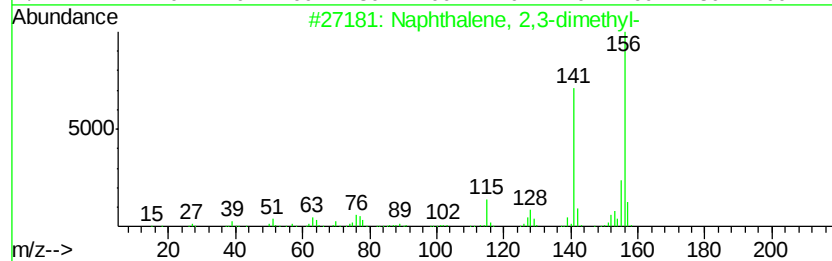
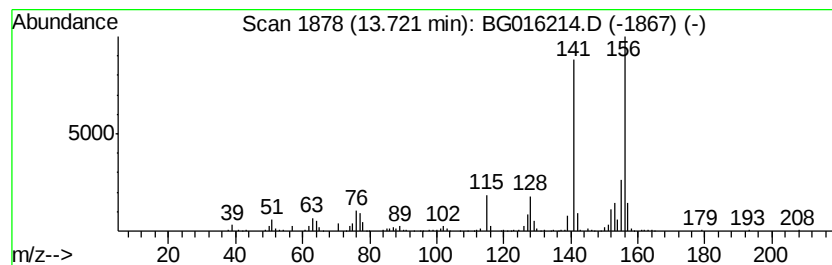
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.80 ng/ul	382822	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
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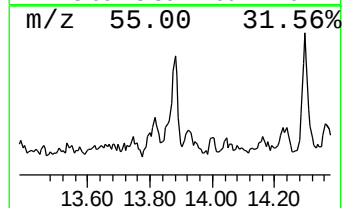
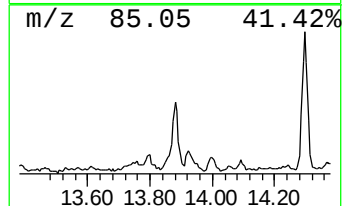
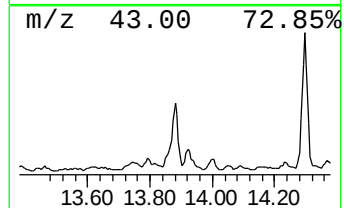
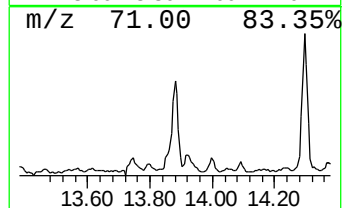
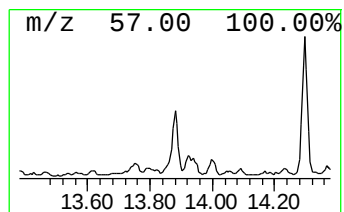
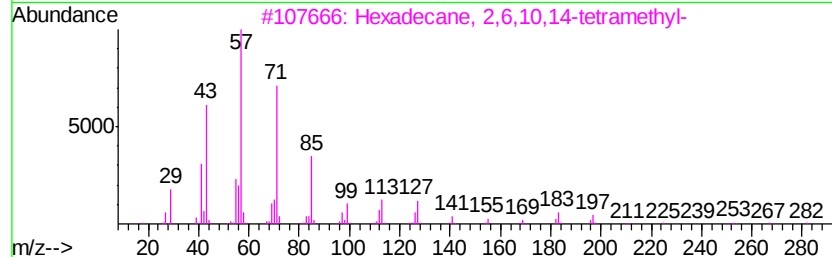
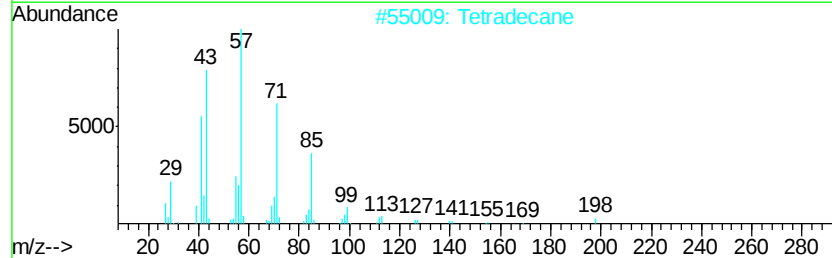
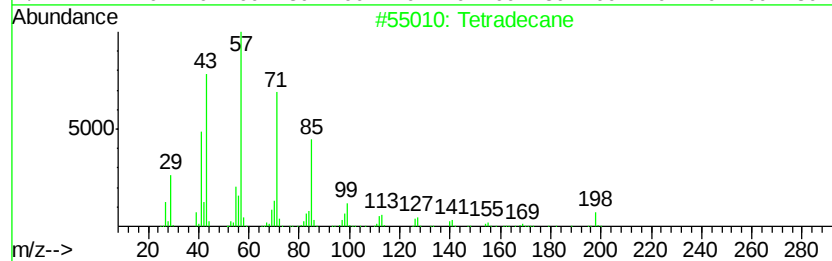
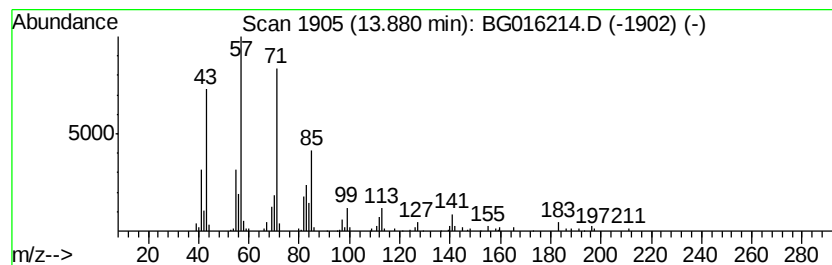
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chain Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.05 ng/ul	135331	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 80
2		Tetradecane	198 C14H30	000629-59-4 80
3		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 80
4		Hexadecane	226 C16H34	000544-76-3 80
5		Undecane, 4,7-dimethyl-	184 C13H28	017301-32-5 64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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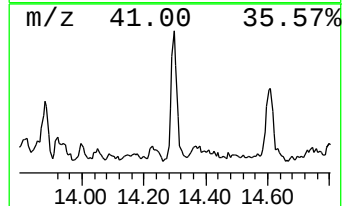
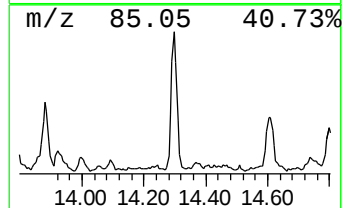
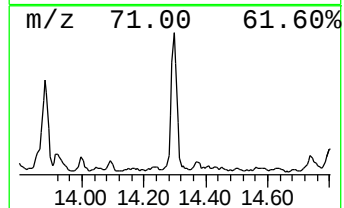
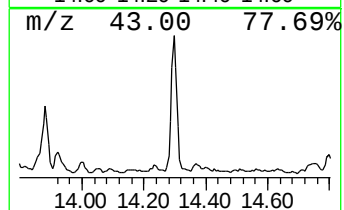
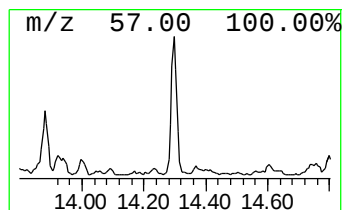
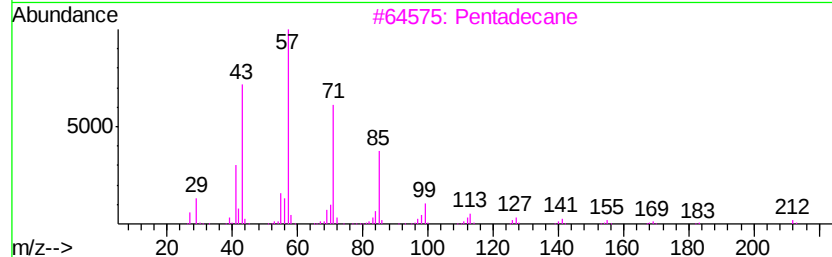
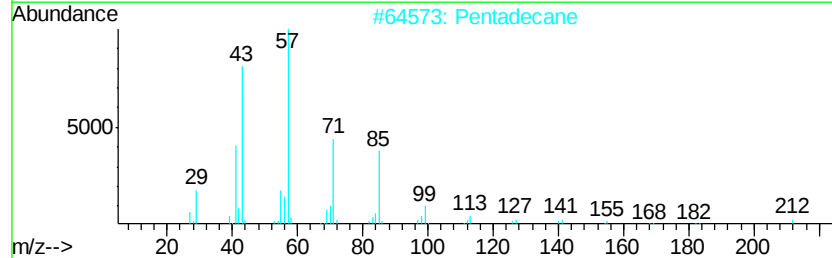
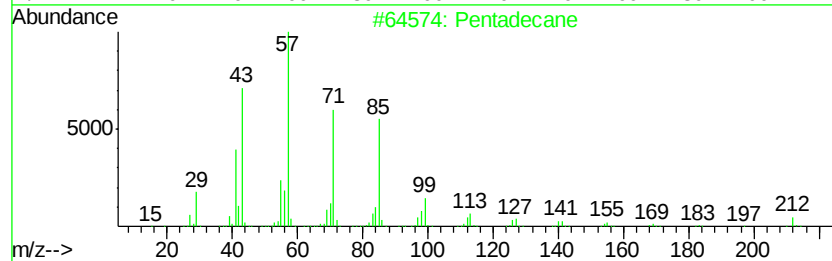
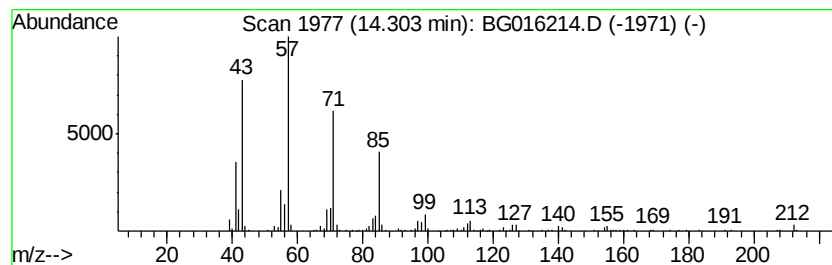
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Branched Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	4.05 ng/ul	267354	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Pentadecane	212	C15H32	000629-62-9	96
3		Pentadecane	212	C15H32	000629-62-9	93
4		Pentadecane	212	C15H32	000629-62-9	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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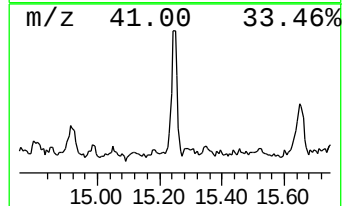
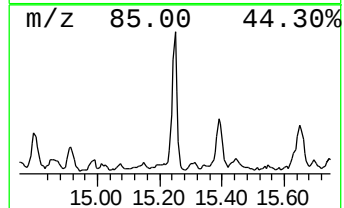
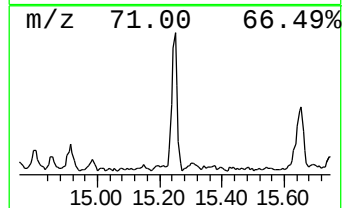
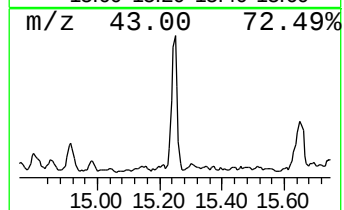
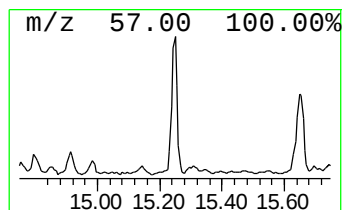
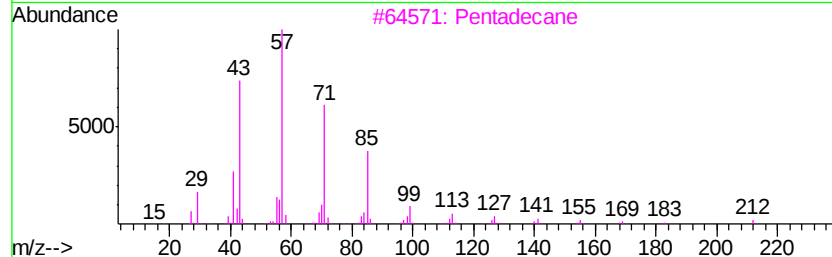
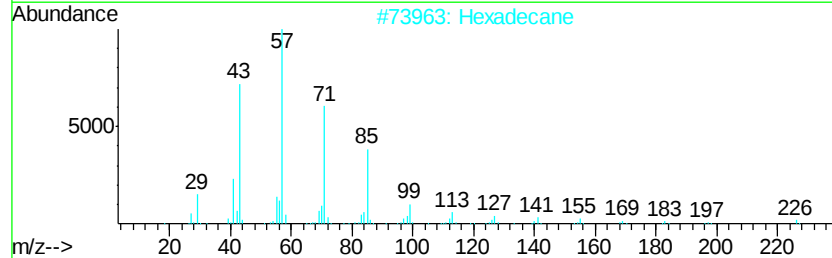
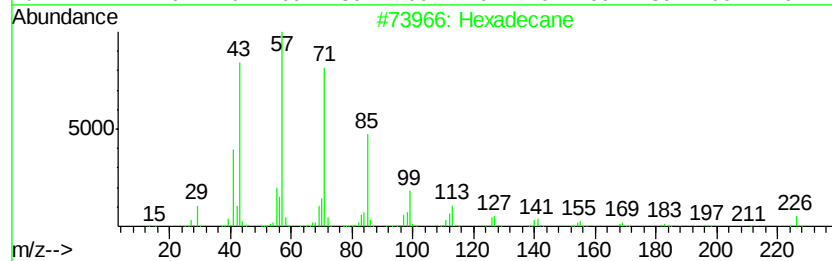
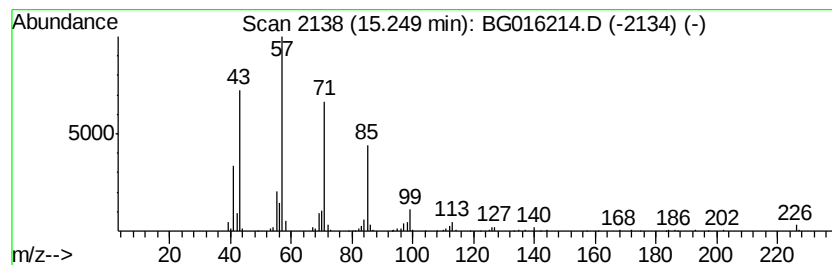
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.51 ng/ul	231955	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

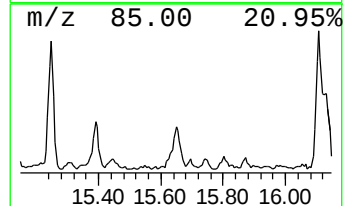
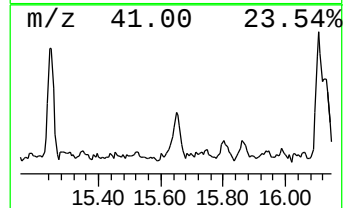
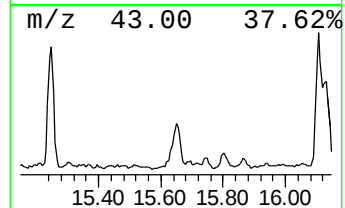
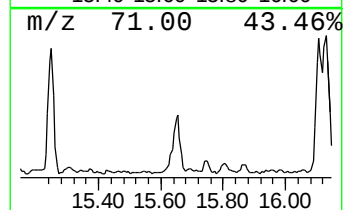
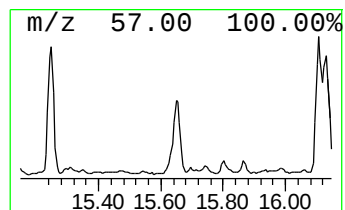
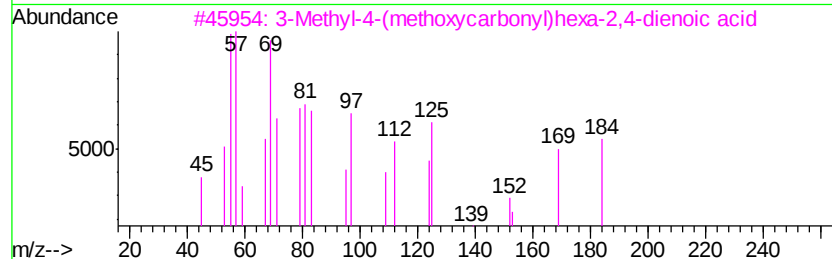
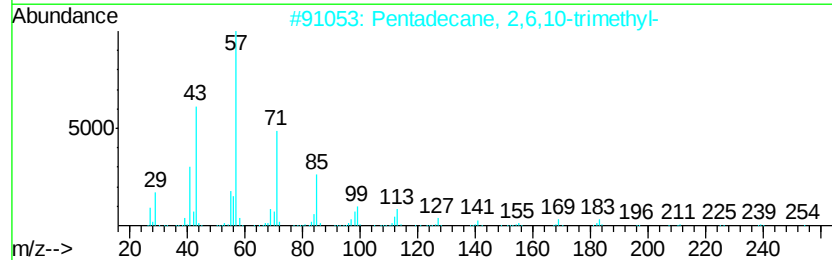
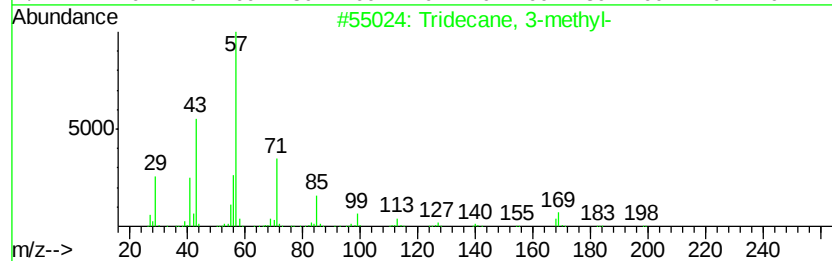
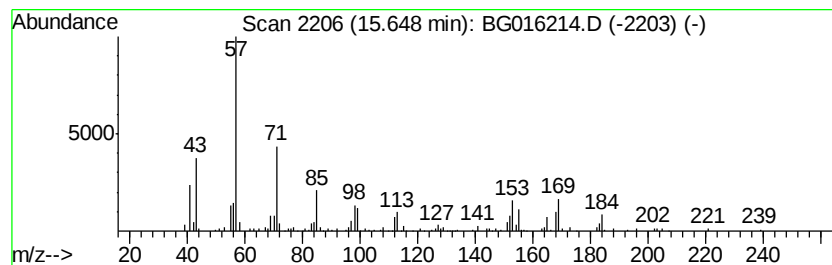
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.13 ng/ul	140579	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 3-methyl-	198 C14H30	006418-41-3 38
2		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 35
3		3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8 27
4		Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9 27
5		Hexadecane, 2,6,11,15-tetramethyl-	282 C20H42	000504-44-9 27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
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Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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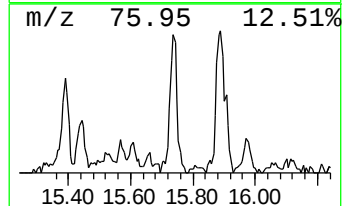
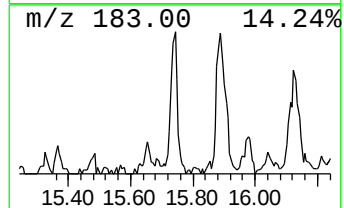
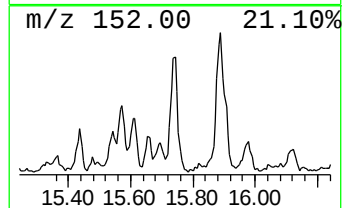
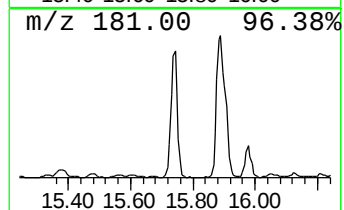
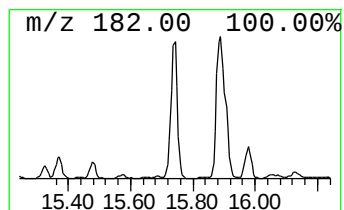
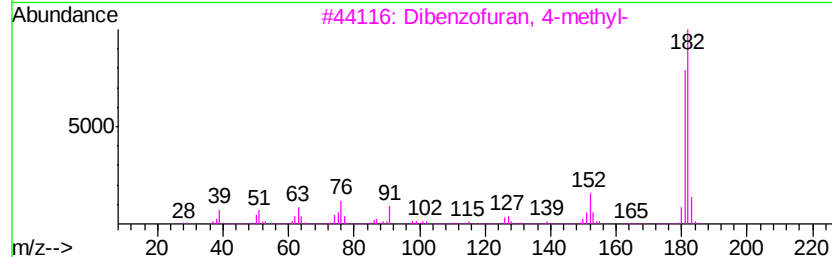
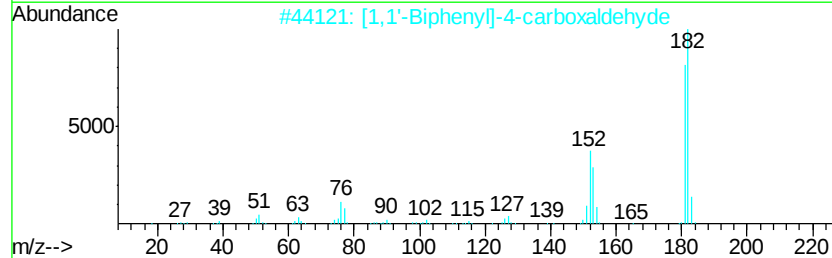
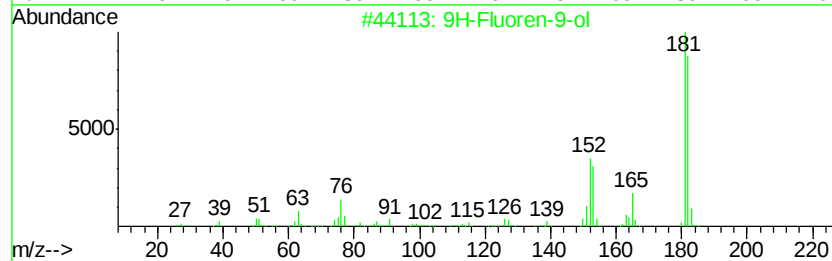
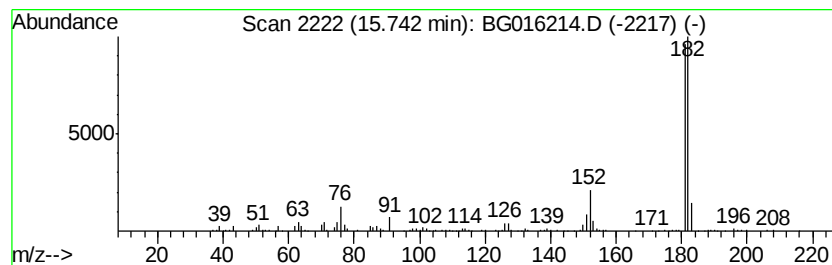
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9H-Fluoren-9-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.95 ng/ul	261034	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
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Misc :
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ClientSampleId :
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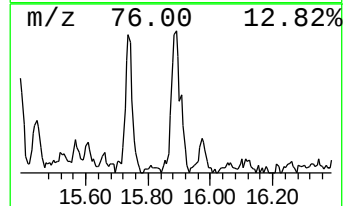
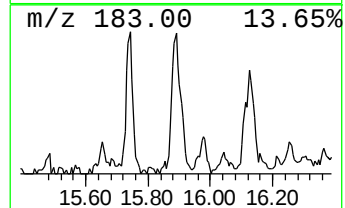
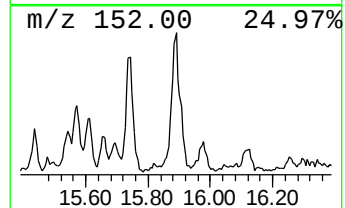
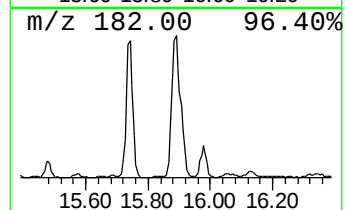
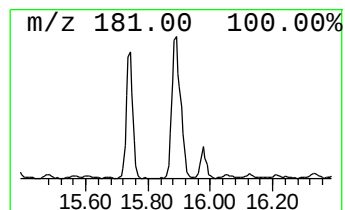
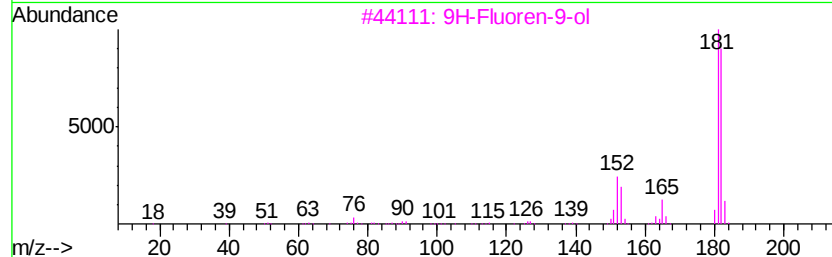
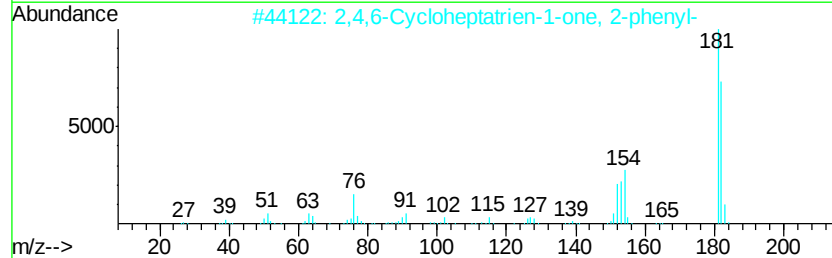
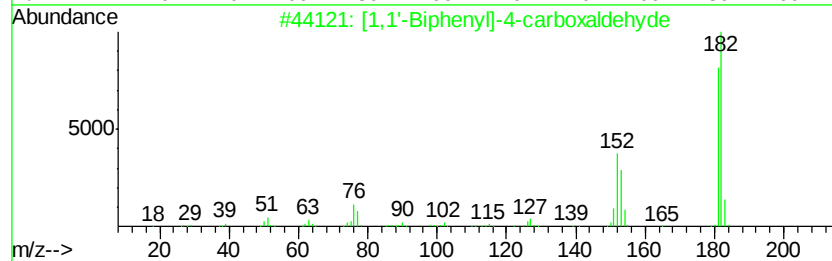
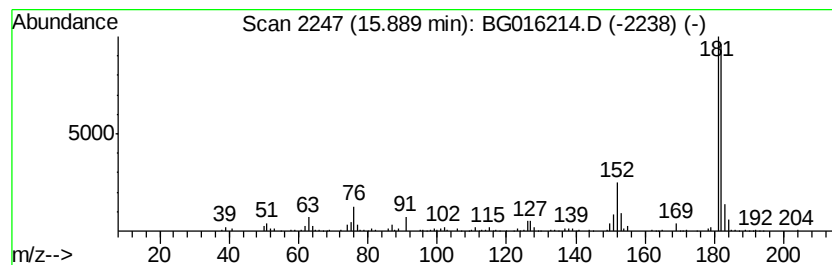
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.32 ng/ul	338703	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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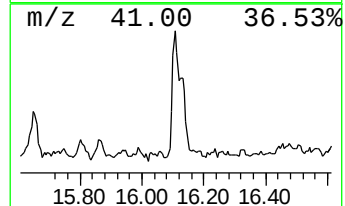
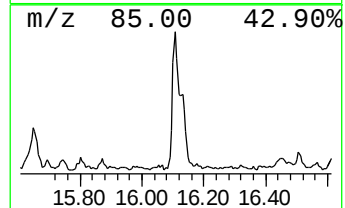
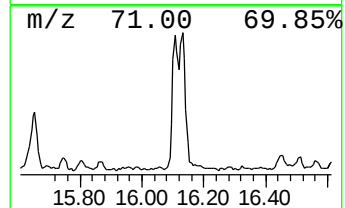
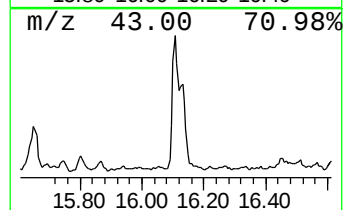
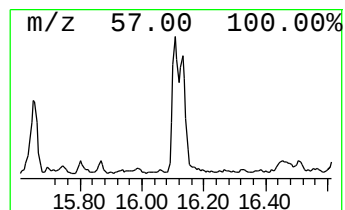
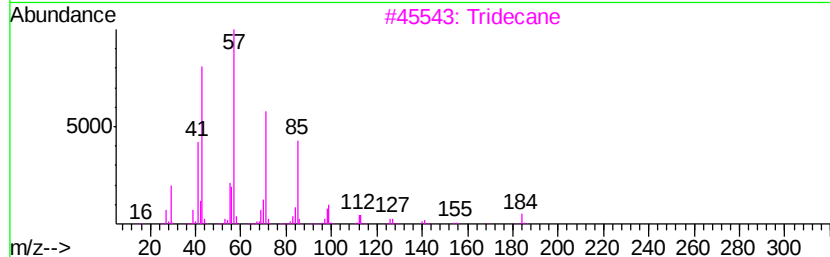
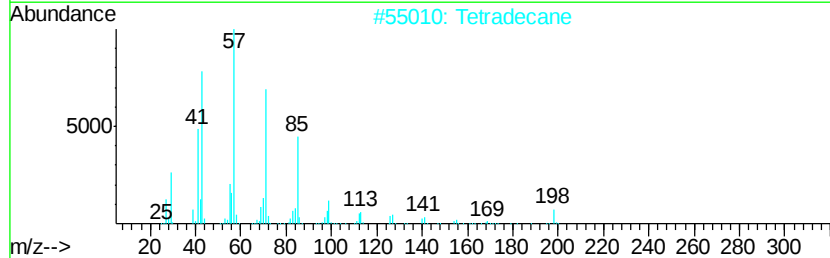
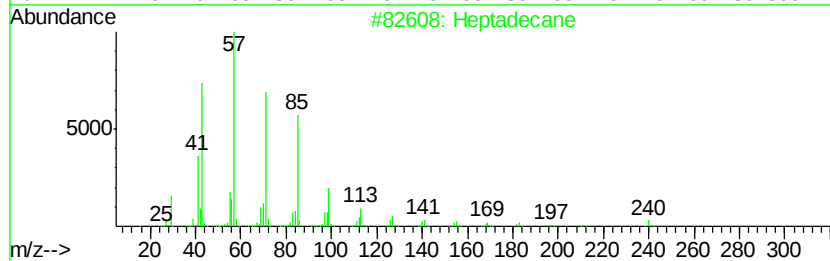
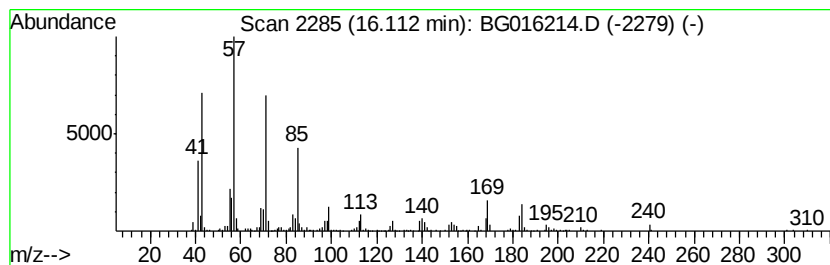
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chain Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.25 ng/ul	334173	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tridecane	184	C13H28	000629-50-5	87
4			Eicosane	282	C20H42	000112-95-8	83
5			Tritetracontane	605	C43H88	007098-21-7	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
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Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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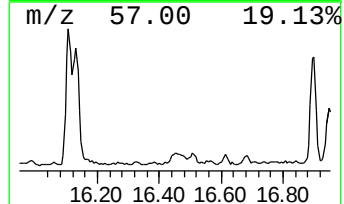
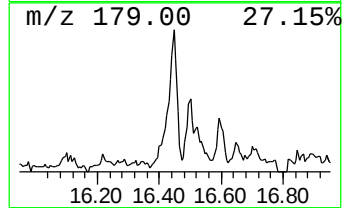
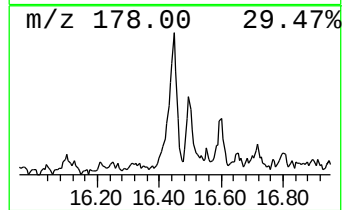
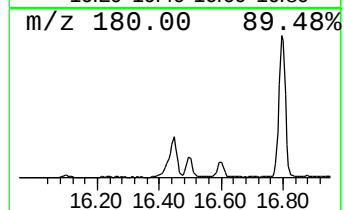
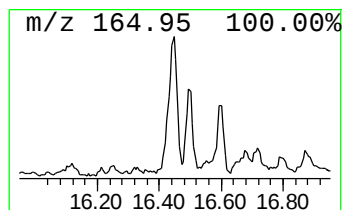
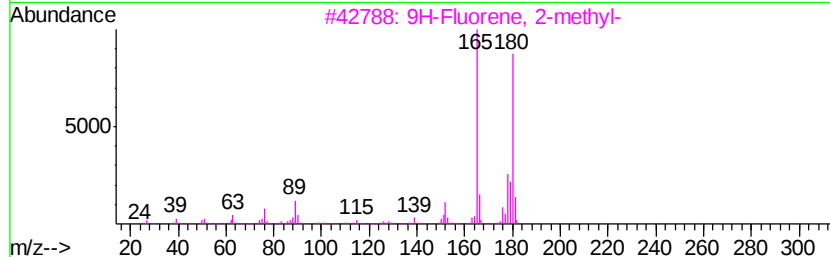
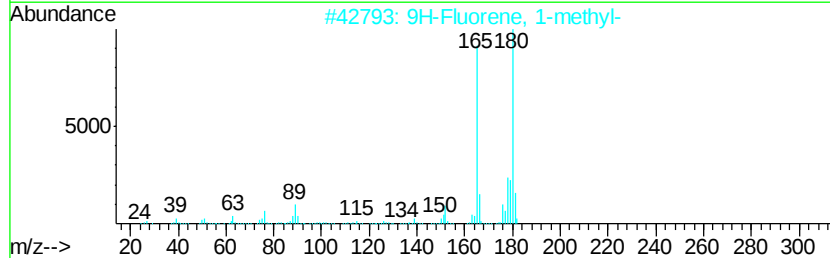
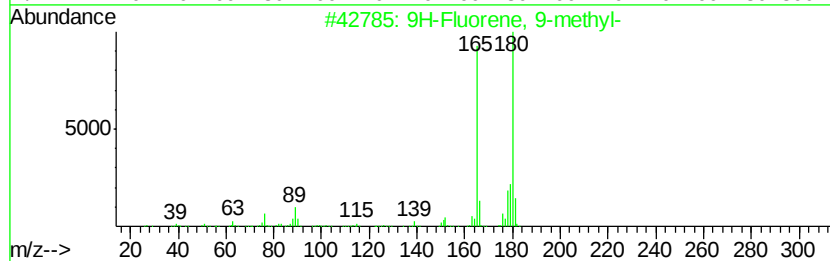
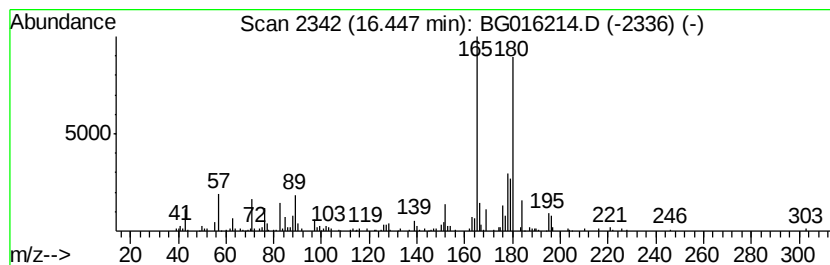
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9H-Fluorene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.52 ng/ul	160291	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

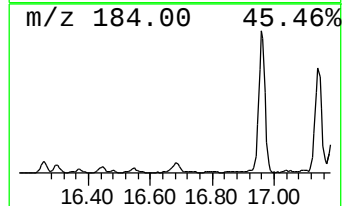
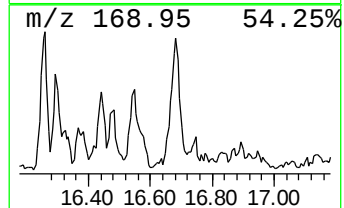
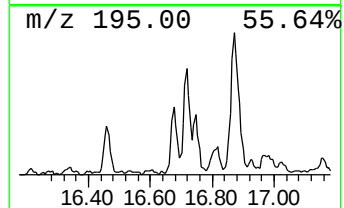
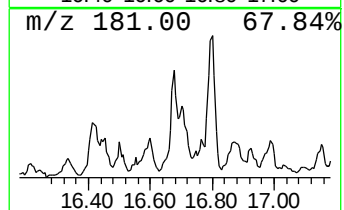
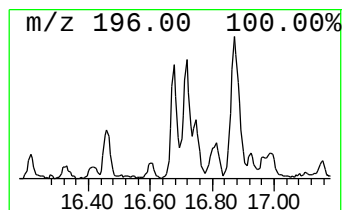
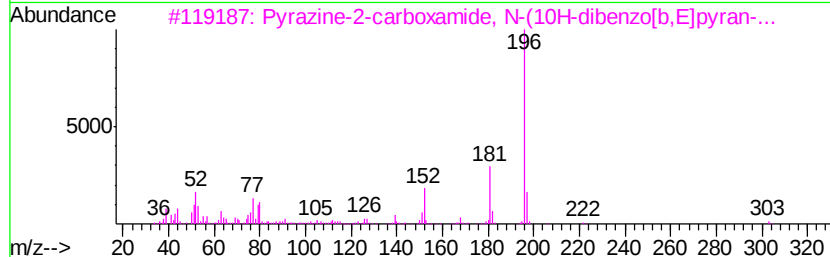
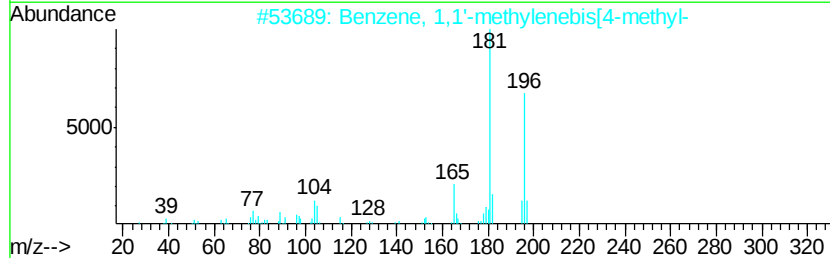
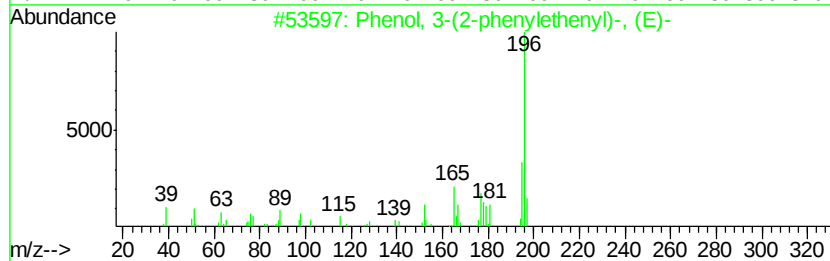
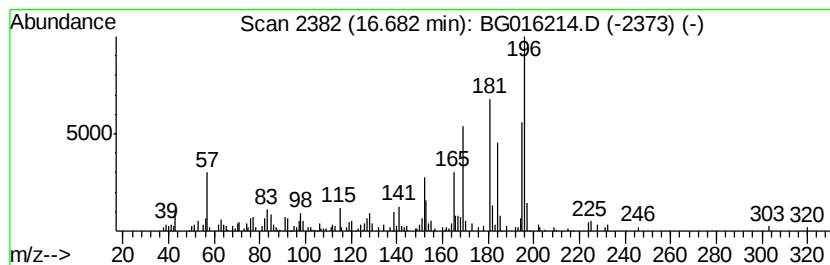
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.68	2.61 ng/ul	165866	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
2		Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	43
3		Pyrazine-2-carboxamide, N-(10H-d...	303	C18H13N3O2	298216-25-8	43
4		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	43
5		2-(4-Pyridyl)(1,2,4)triazolo(1,5...	196	C11H8N4	007211-81-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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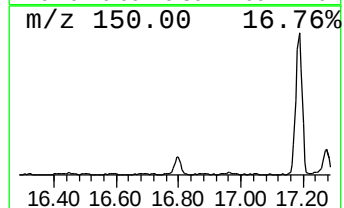
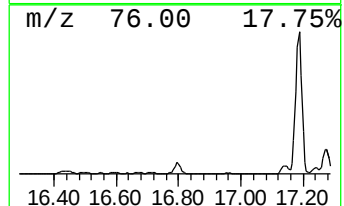
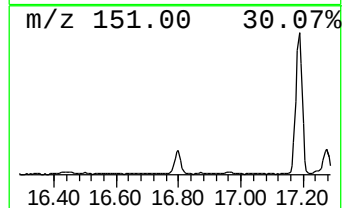
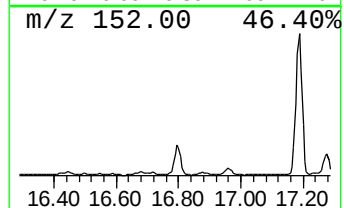
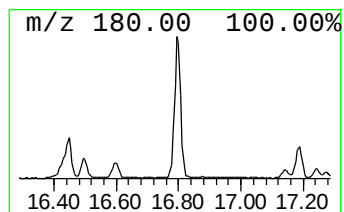
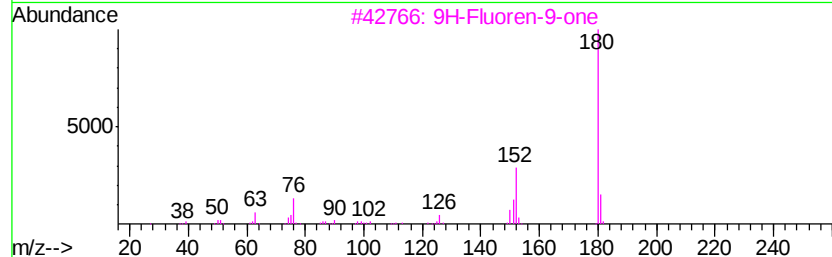
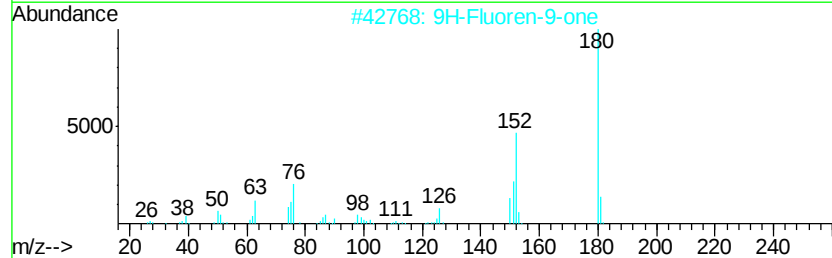
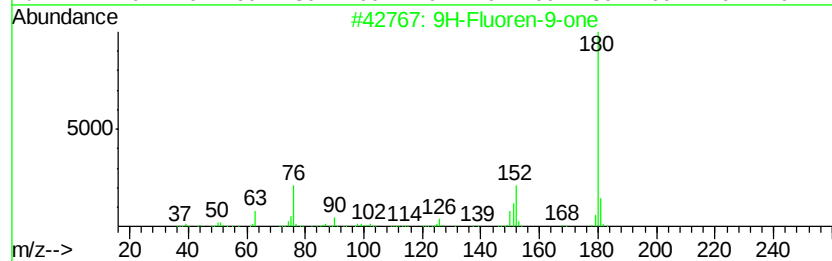
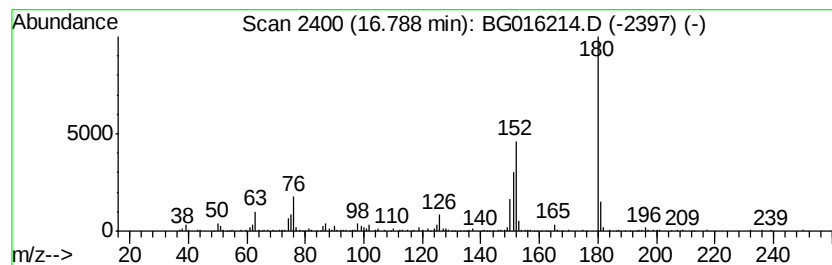
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	4.44 ng/ul	282493	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
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Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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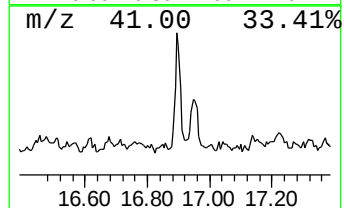
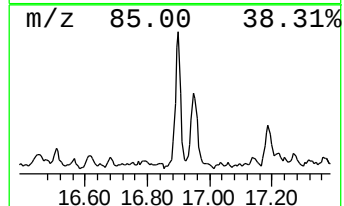
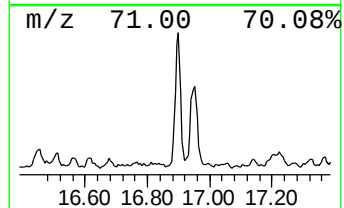
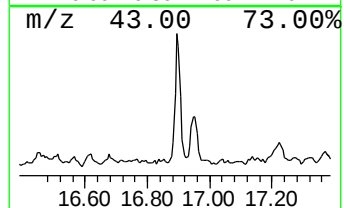
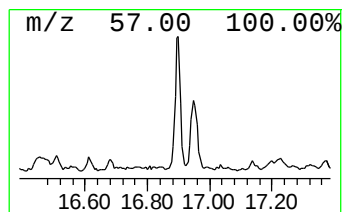
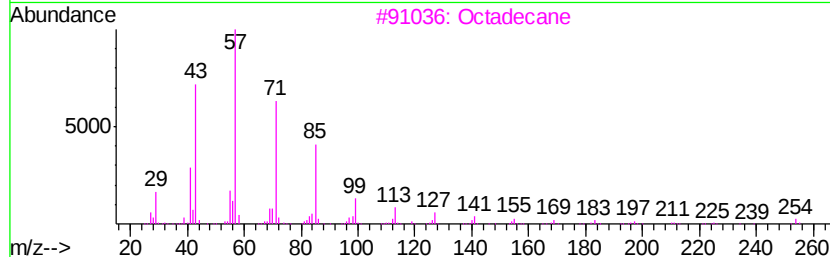
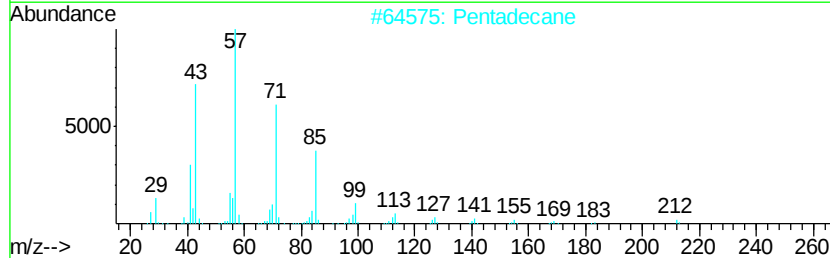
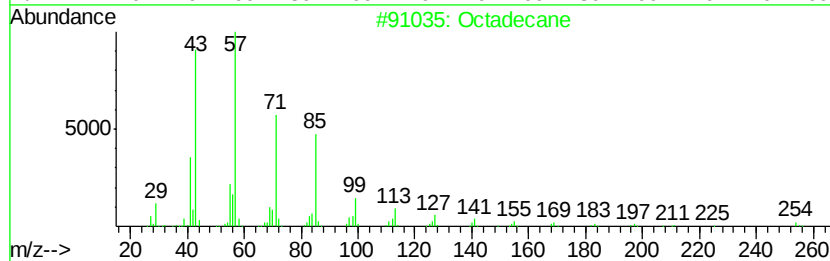
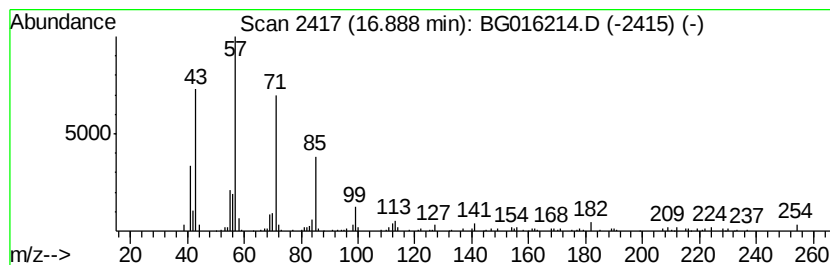
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chain Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.12 ng/ul	198315	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Pentadecane	212	C15H32	000629-62-9	93
3			Octadecane	254	C18H38	000593-45-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
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Instrument :
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ClientSampleId :
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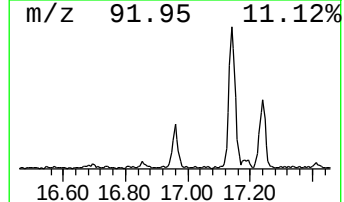
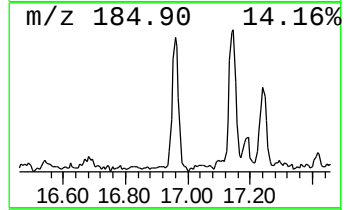
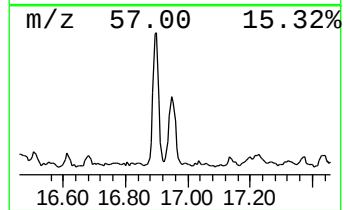
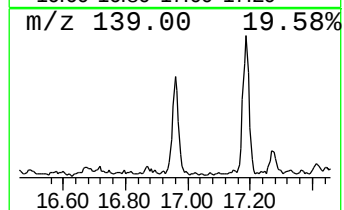
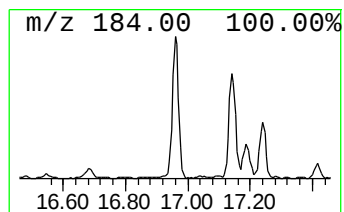
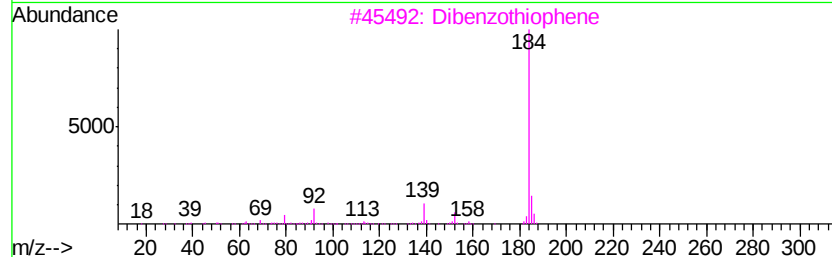
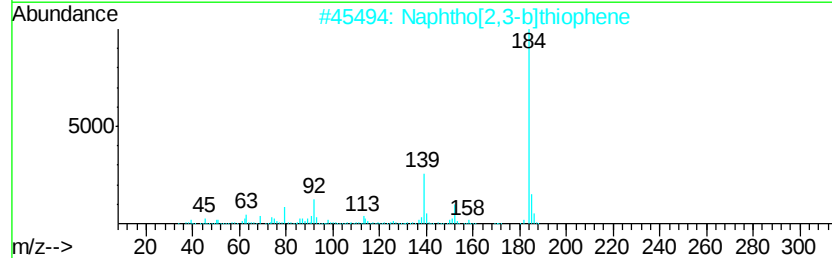
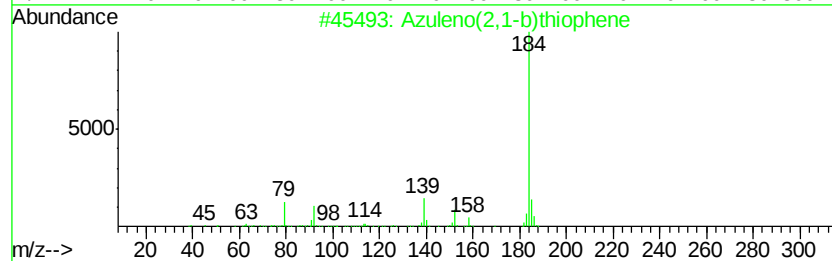
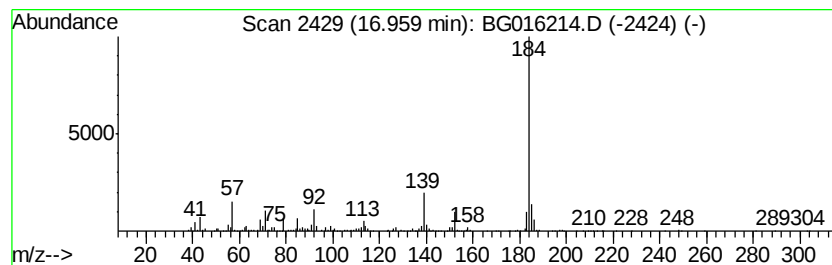
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Azuleno(2,1-b)thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	6.20 ng/ul	394563	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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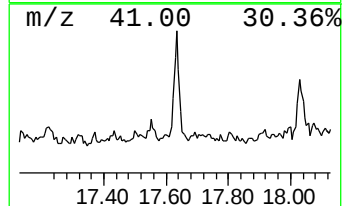
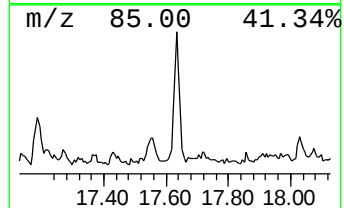
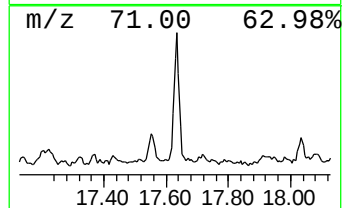
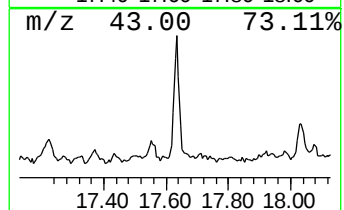
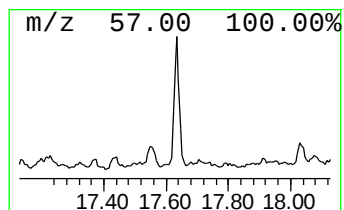
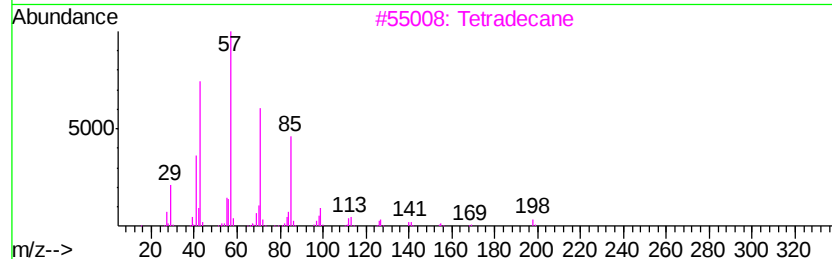
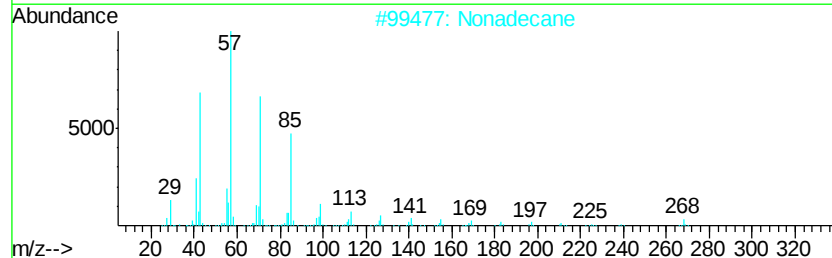
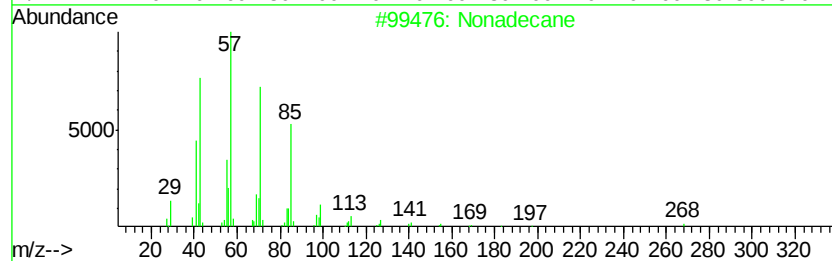
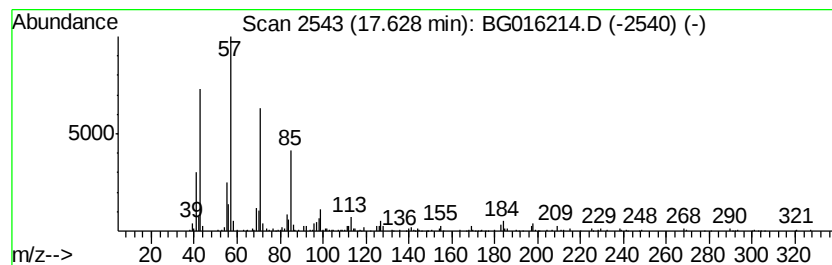
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chain Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.67 ng/ul	169897	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Nonadecane	268	C19H40	000629-92-5	94
3			Tetradecane	198	C14H30	000629-59-4	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

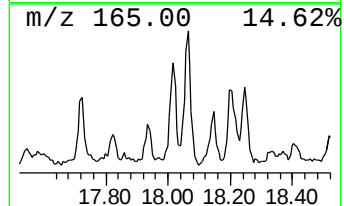
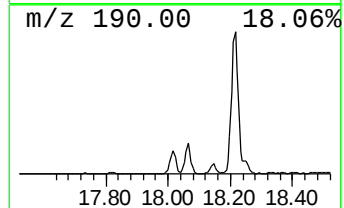
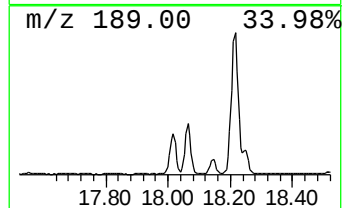
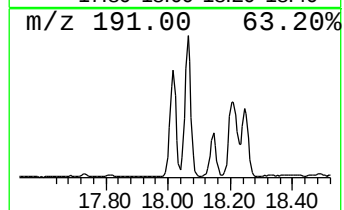
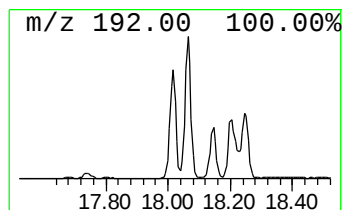
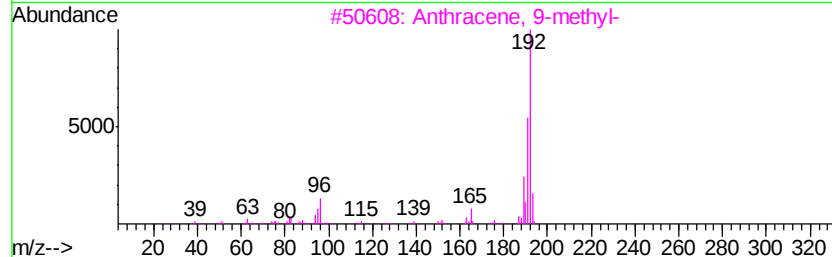
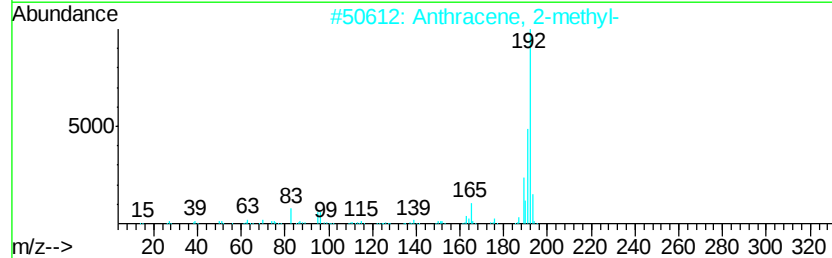
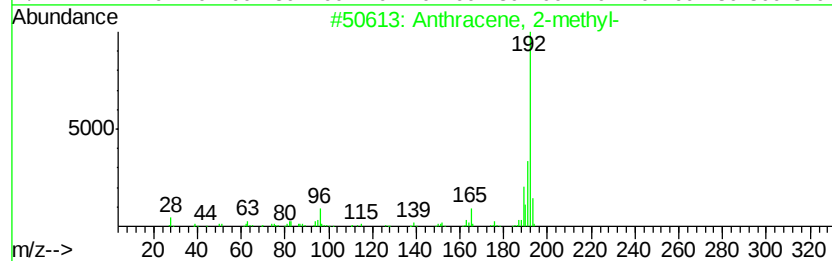
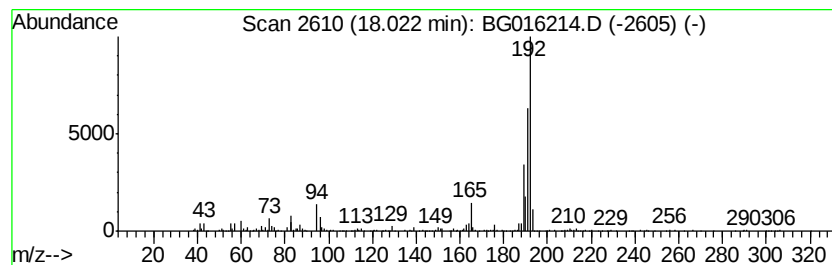
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.94 ng/ul	377950	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

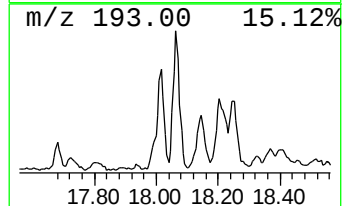
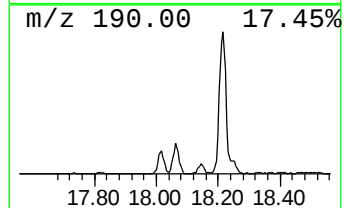
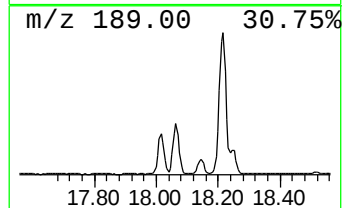
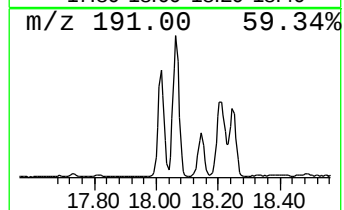
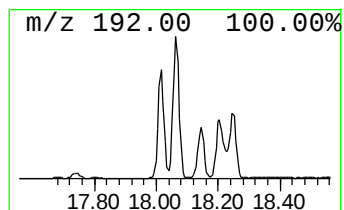
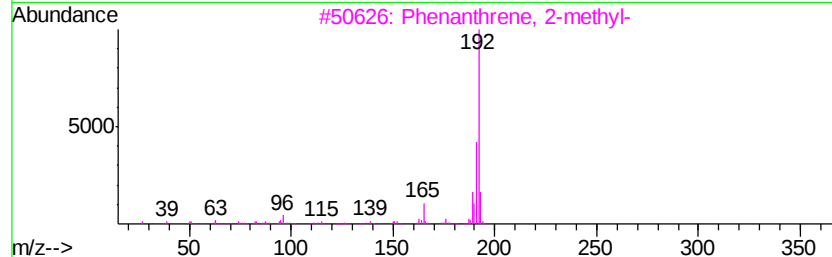
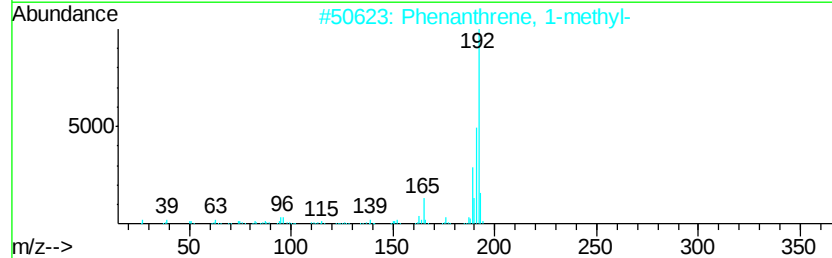
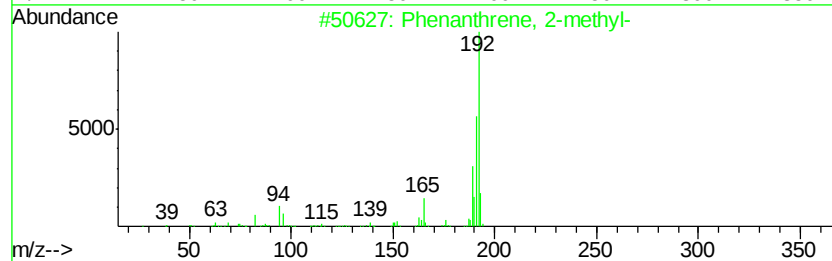
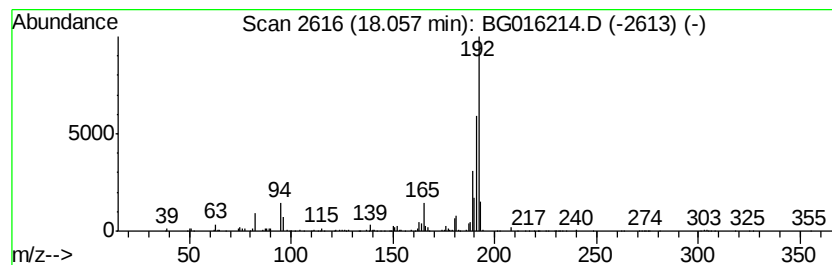
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.55 ng/ul	544004	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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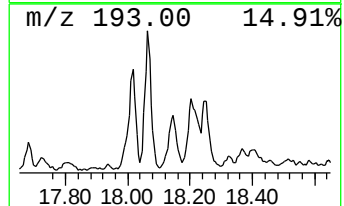
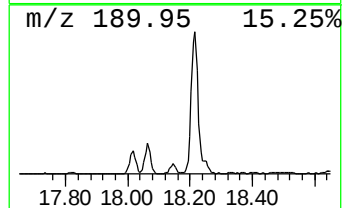
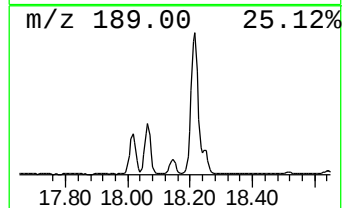
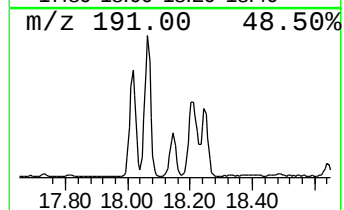
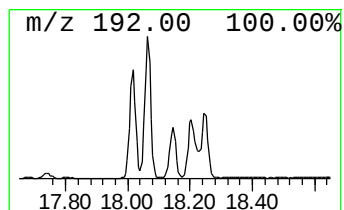
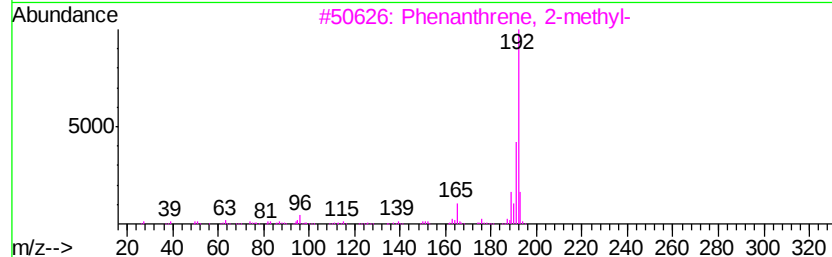
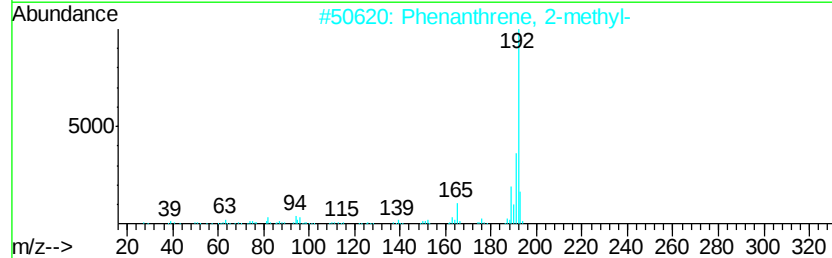
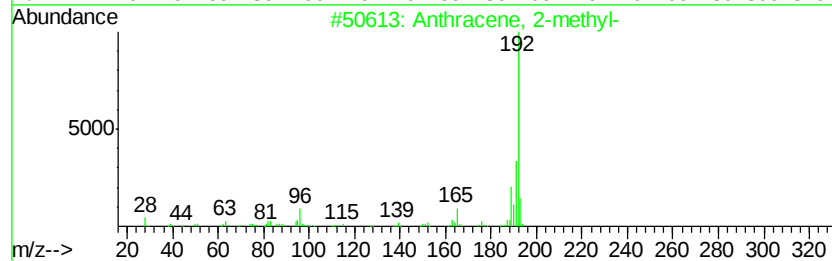
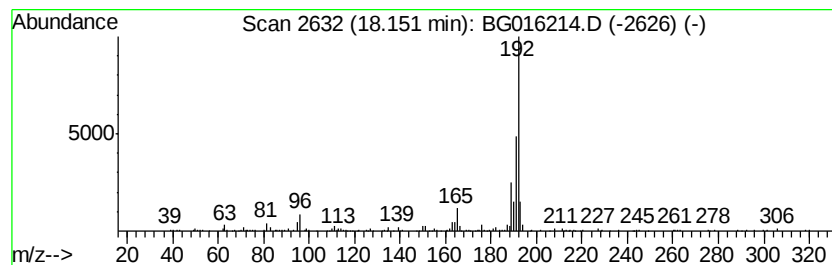
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.74 ng/ul	174124	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
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Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

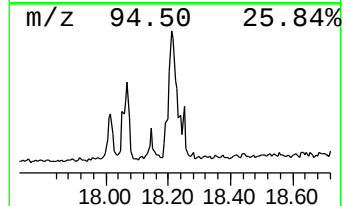
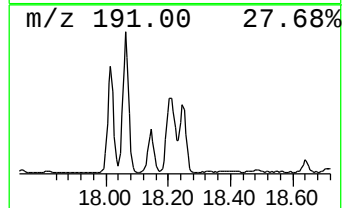
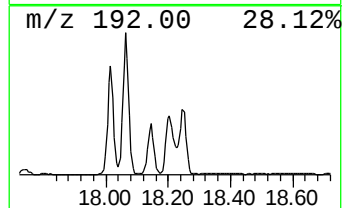
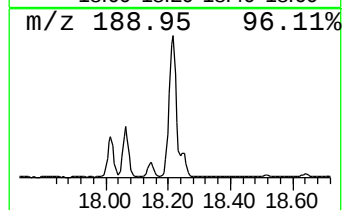
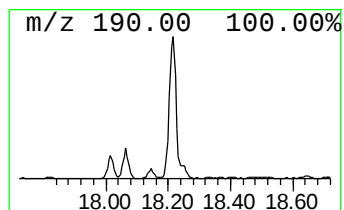
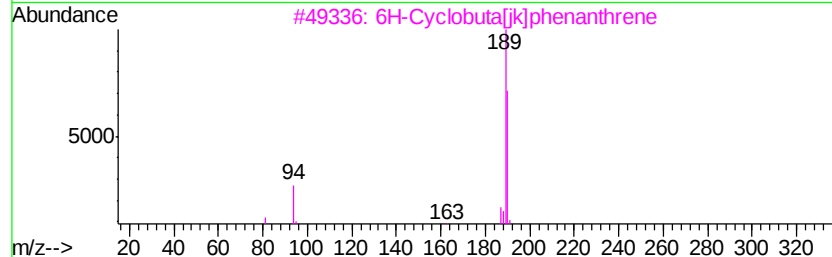
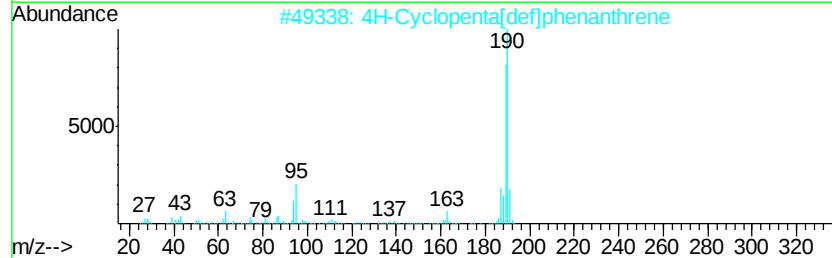
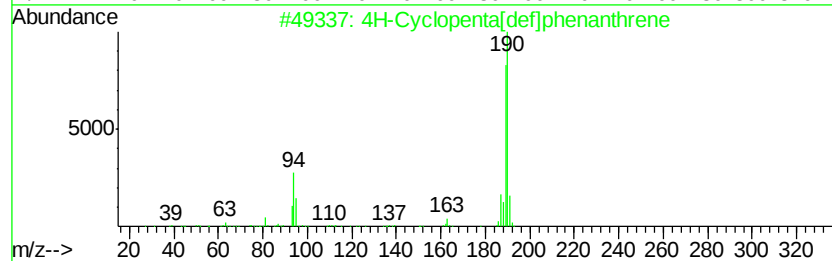
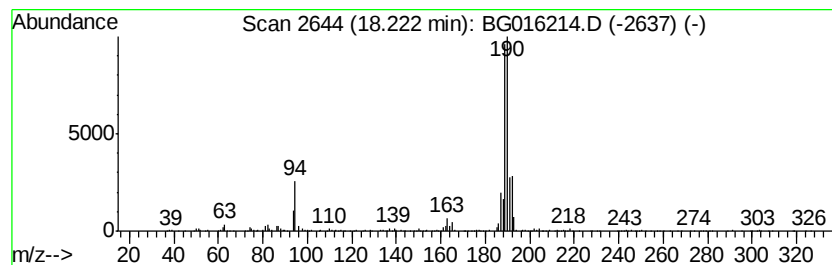
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	10.58 ng/ul	673592	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

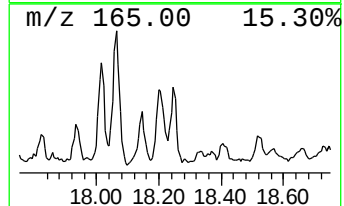
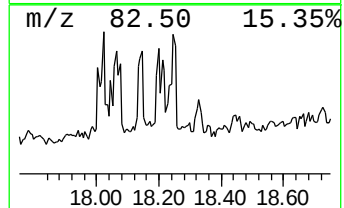
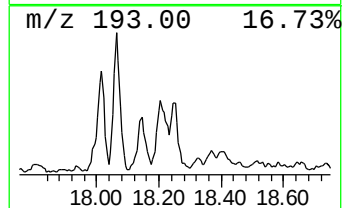
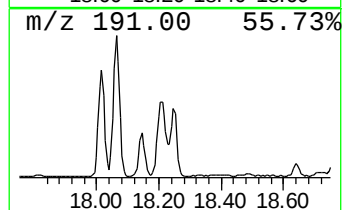
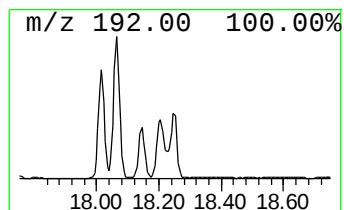
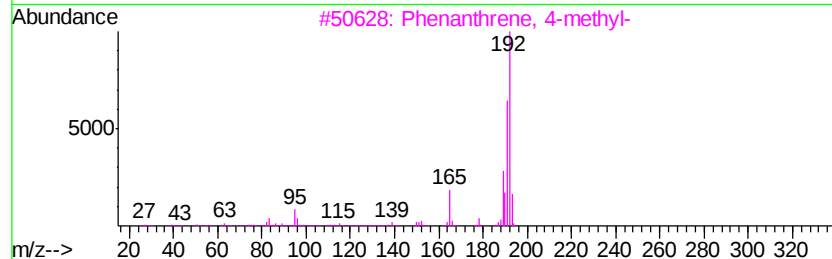
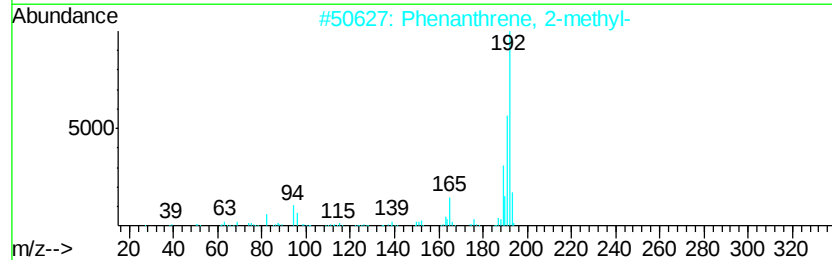
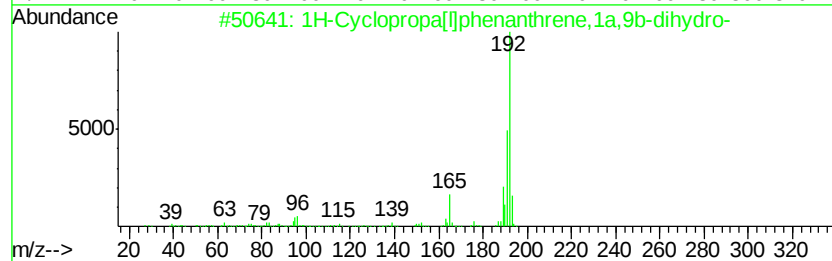
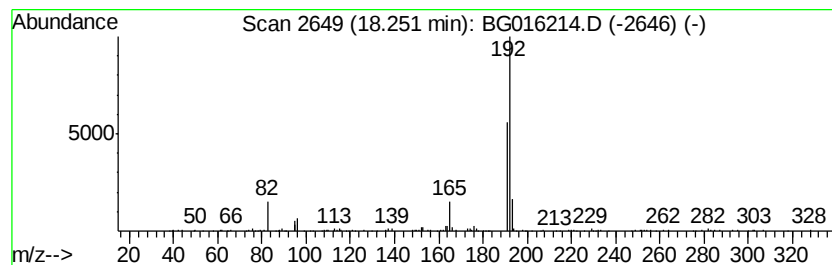
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1H-Cyclopropa[l]phenanthren... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	3.17 ng/ul	201548	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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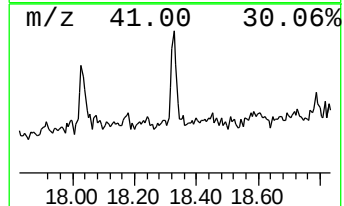
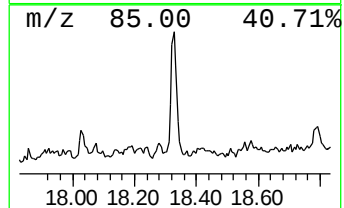
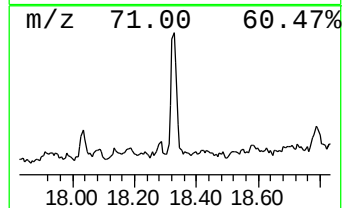
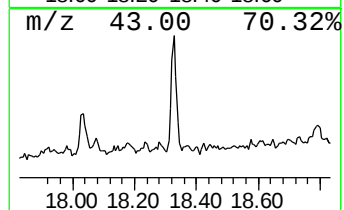
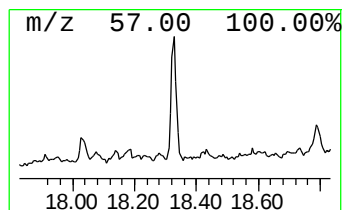
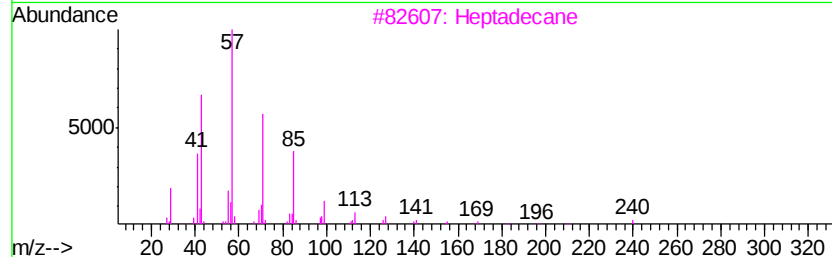
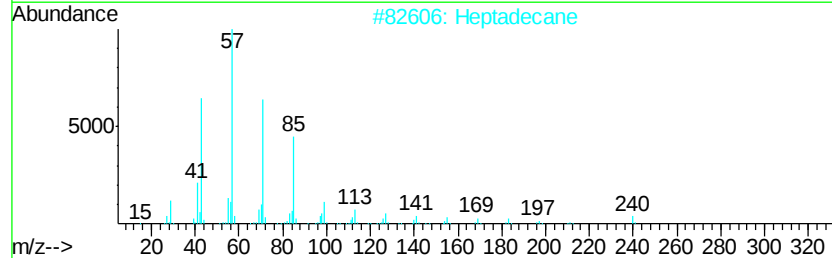
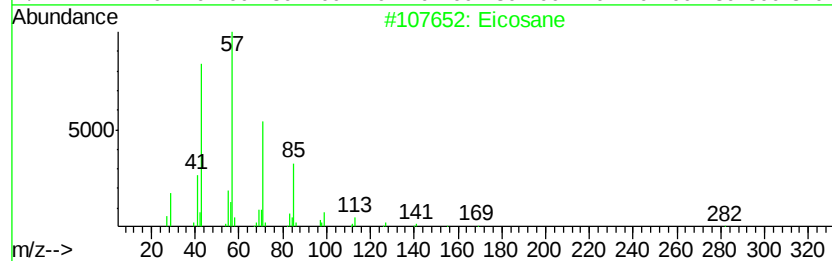
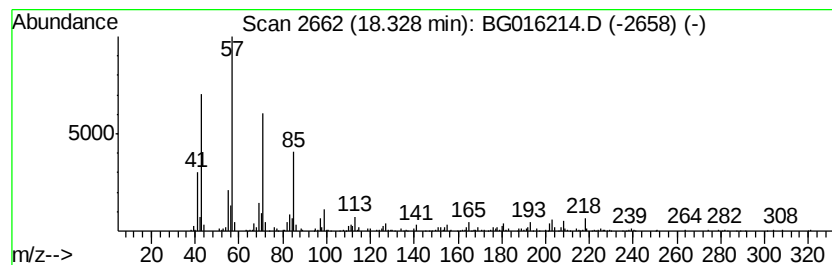
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Branched Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.40 ng/ul	152959	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	92
2	Heptadecane			240	C17H36	000629-78-7	90
3	Heptadecane			240	C17H36	000629-78-7	90
4	Heptacosane			380	C27H56	000593-49-7	81
5	Eicosane			282	C20H42	000112-95-8	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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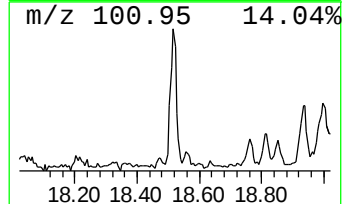
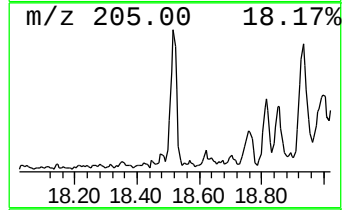
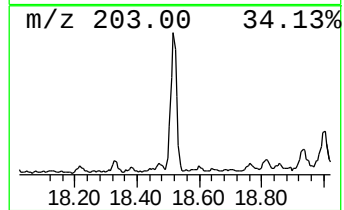
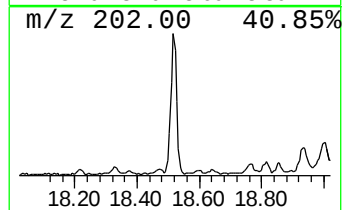
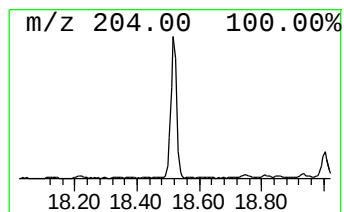
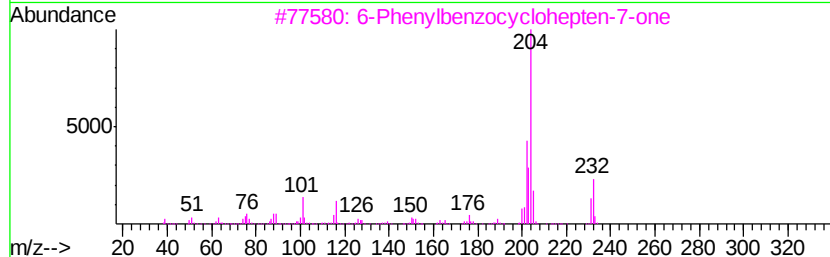
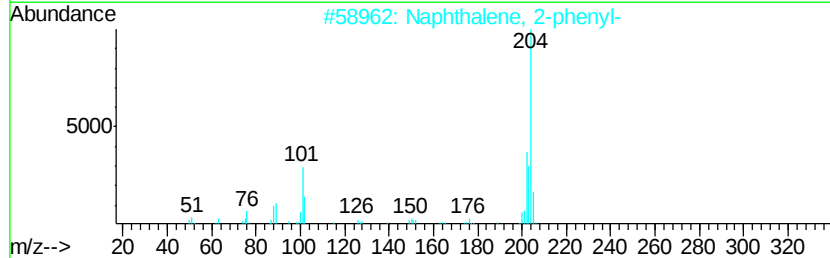
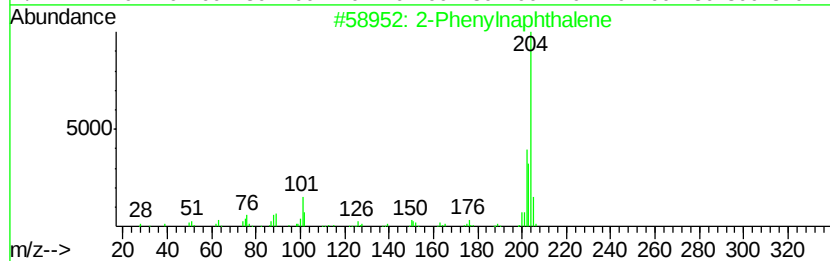
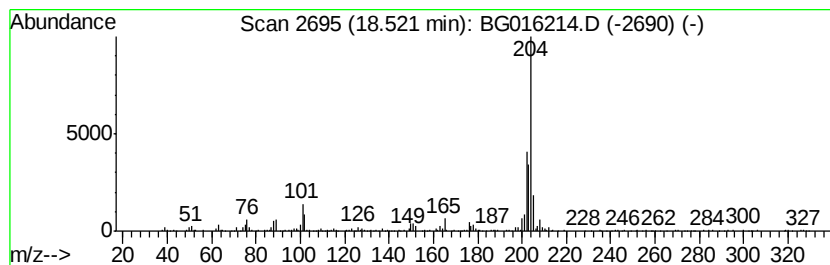
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	4.03 ng/ul	256385	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

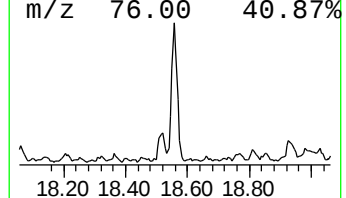
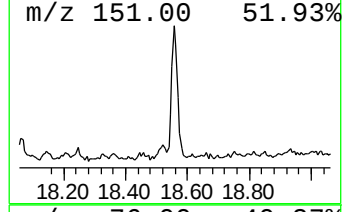
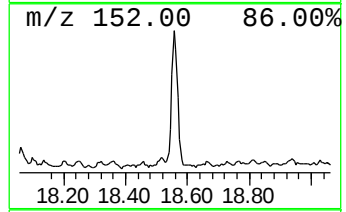
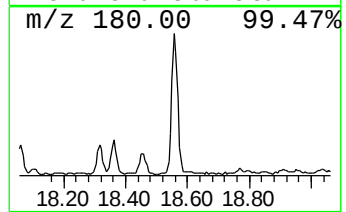
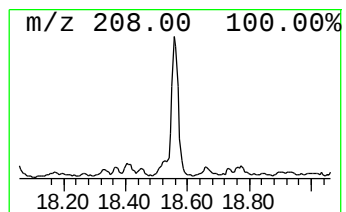
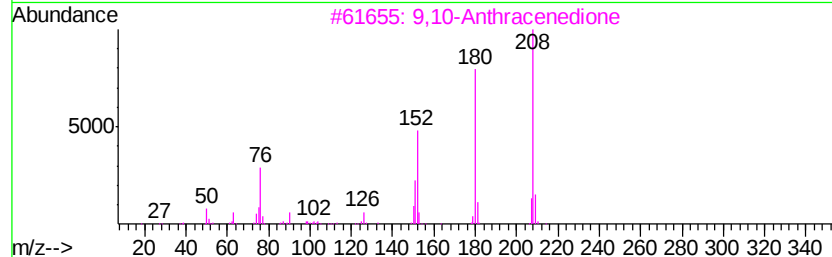
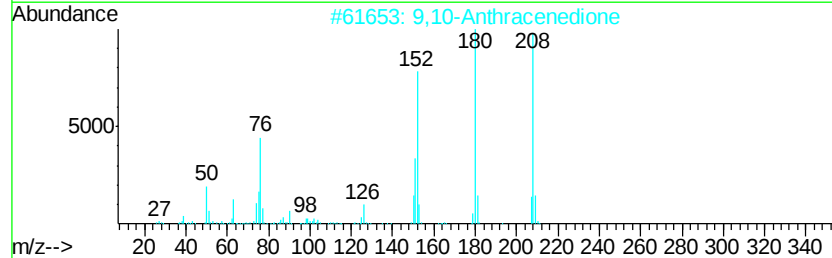
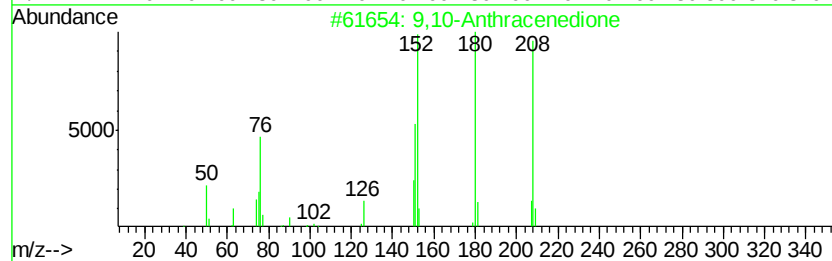
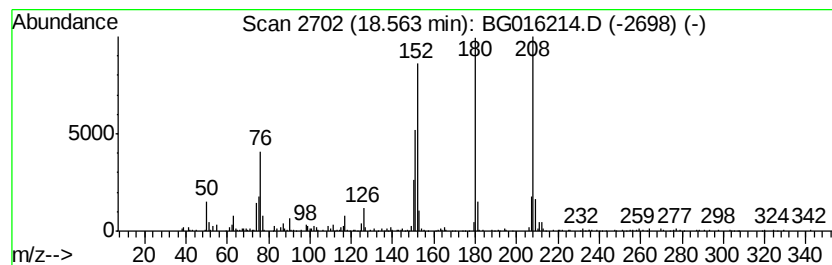
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.13 ng/ul	263199	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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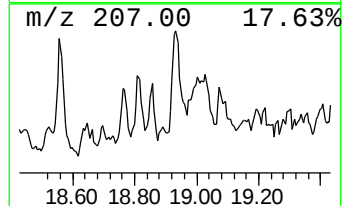
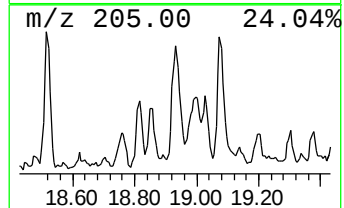
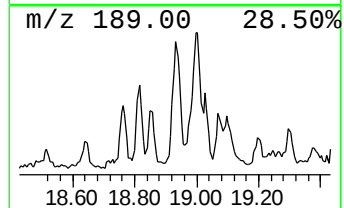
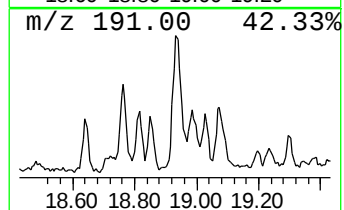
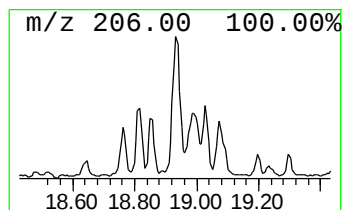
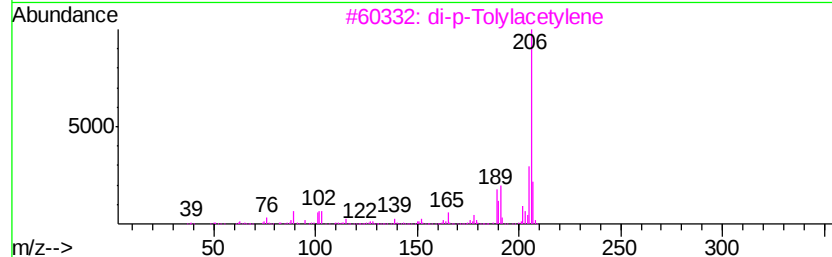
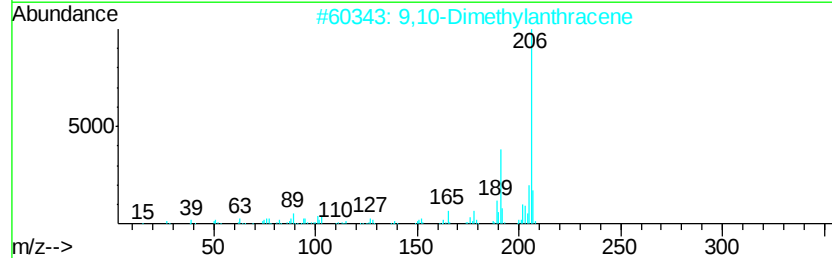
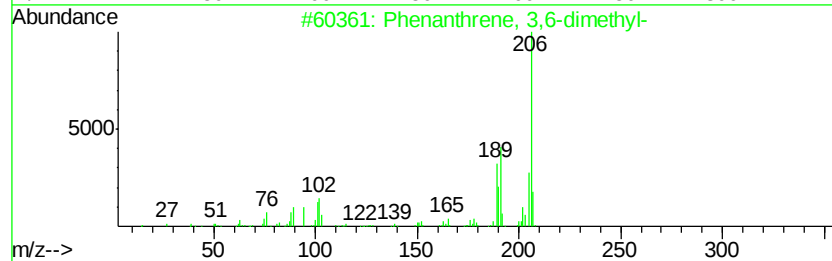
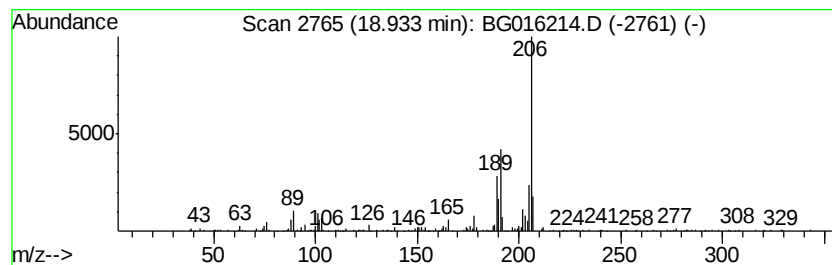
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.18 ng/ul	202632	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD0

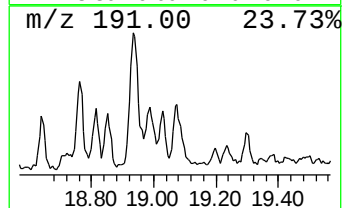
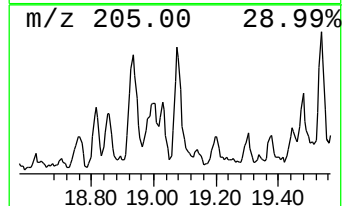
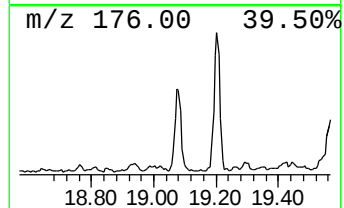
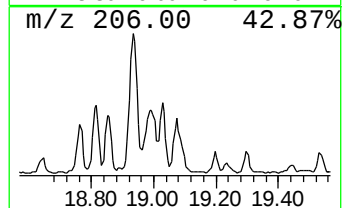
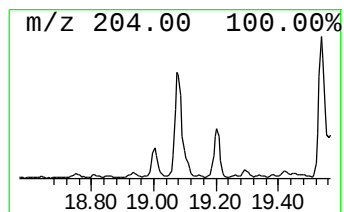
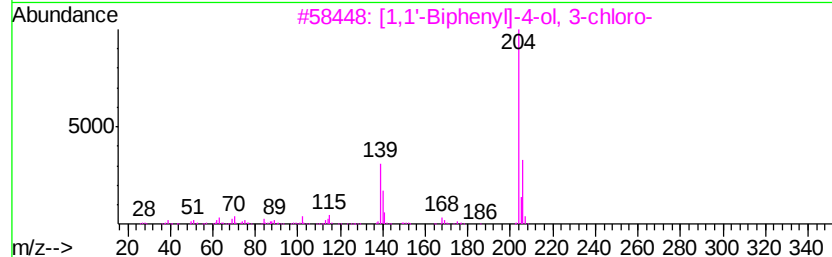
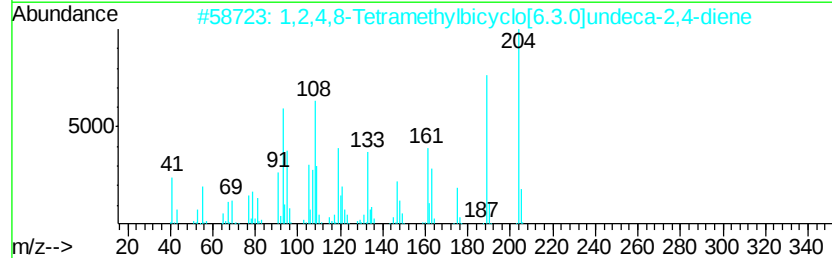
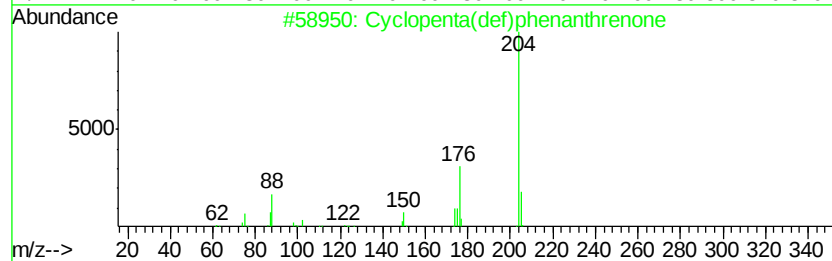
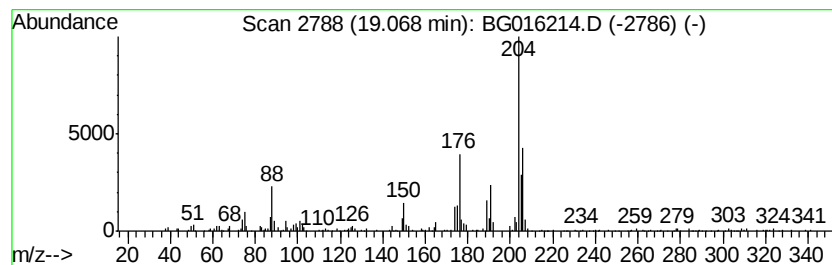
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	3.51 ng/ul	223485	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	38
4		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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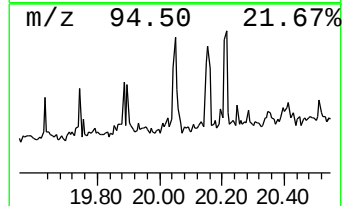
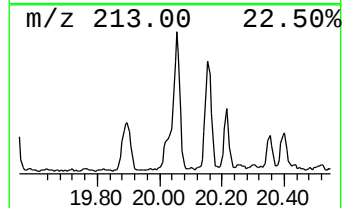
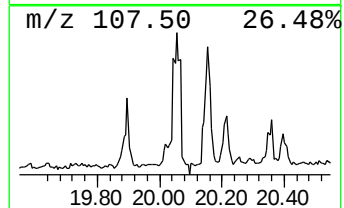
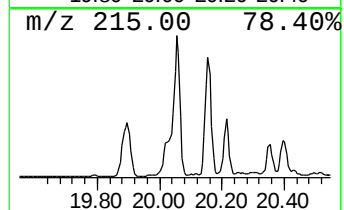
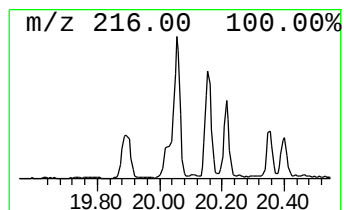
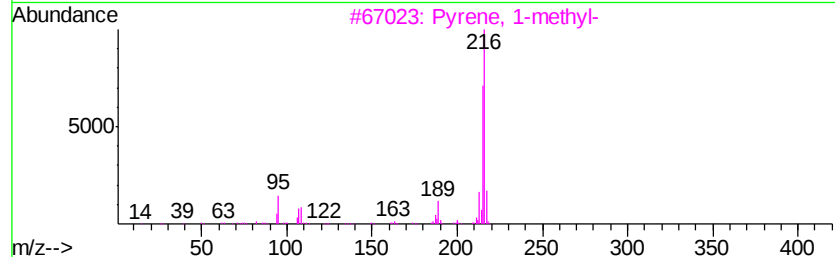
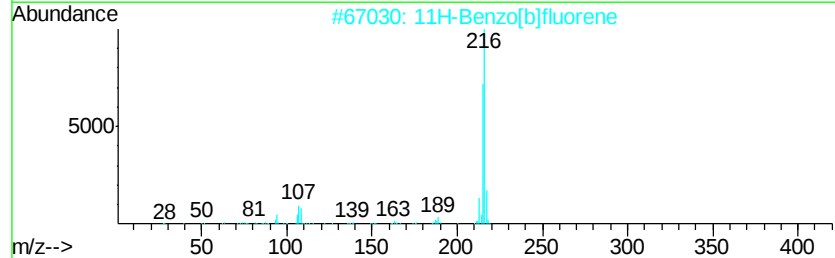
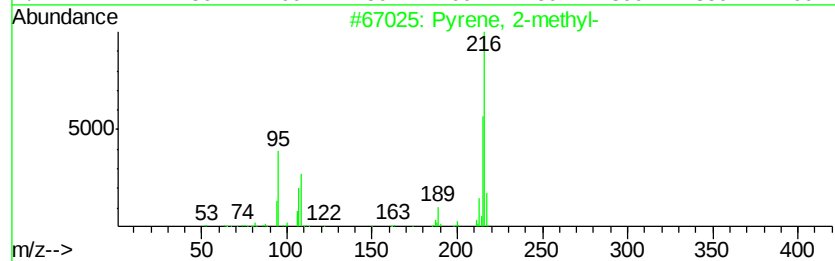
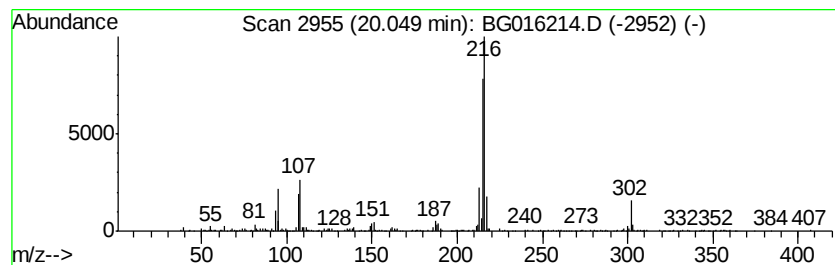
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.30 ng/ul	645916	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016214.D
Acq On : 31 Mar 2015 23:31
Operator : TP/IZ
Sample : G1647-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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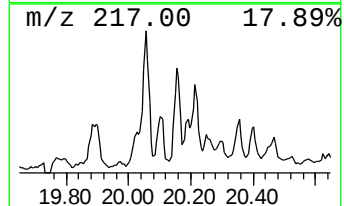
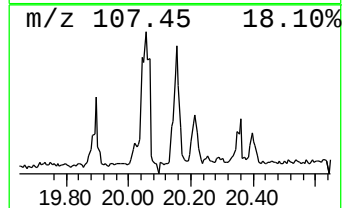
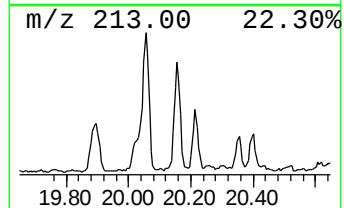
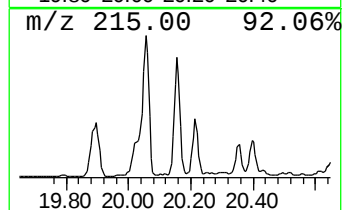
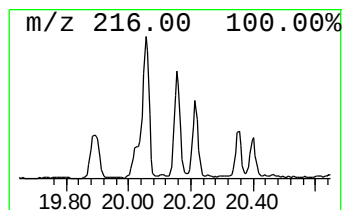
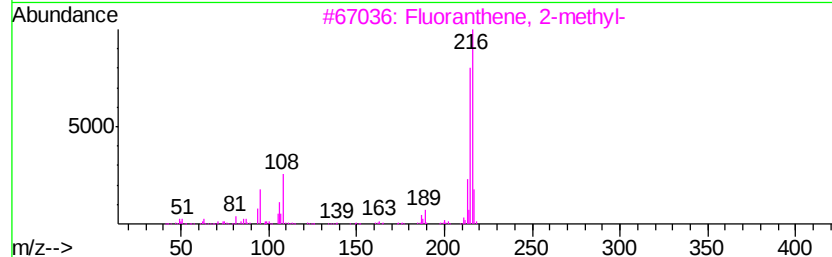
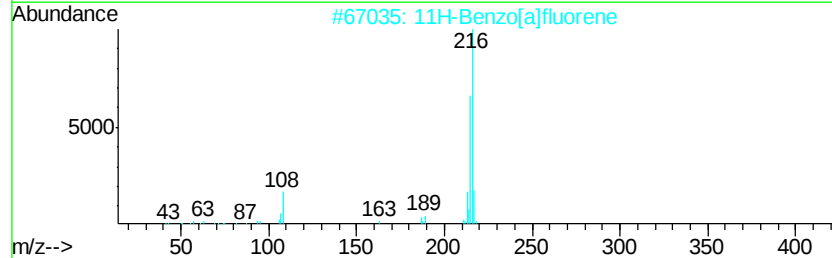
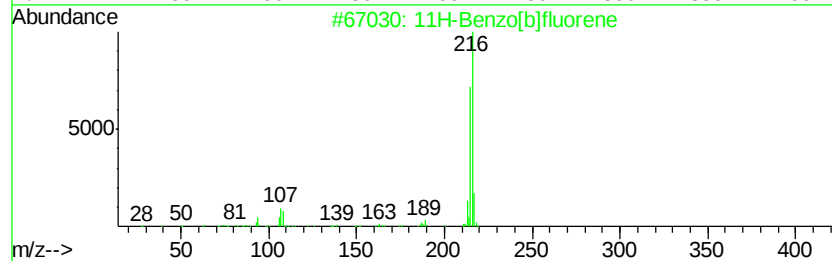
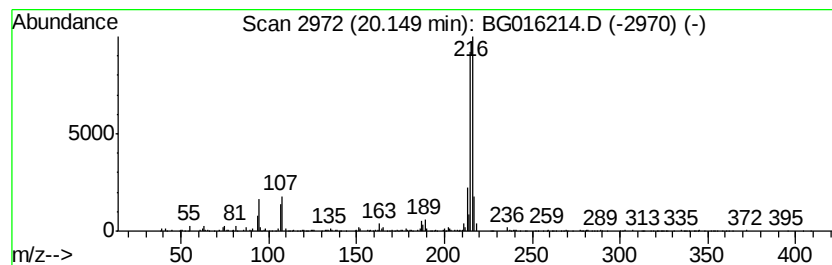
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 11H-Benzo[b]fluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.14 ng/ul	322231	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
 Data File : BG016214.D
 Acq On : 31 Mar 2015 23:31
 Operator : TP/IZ
 Sample : G1647-11 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.98	15.8	ng/ul	474870	1	7.77	601606	20.0
(DEL) Alkane: Bra...	11.98	2.0	ng/ul	98756	2	10.56	973628	20.0
Naphthalene, 1,6-...	13.56	3.3	ng/ul	216546	3	14.40	1320410	20.0
Naphthalene, 2,3-...	13.72	5.8	ng/ul	382822	3	14.40	1320410	20.0
(DEL) Alkane: Str...	13.88	2.0	ng/ul	135331	3	14.40	1320410	20.0
(DEL) Alkane: Bra...	14.30	4.0	ng/ul	267354	3	14.40	1320410	20.0
(DEL) Alkane: Cyclic	15.25	3.5	ng/ul	231955	3	14.40	1320410	20.0
unknown-01	15.65	2.1	ng/ul	140579	3	14.40	1320410	20.0
9H-Fluoren-9-ol	15.74	4.0	ng/ul	261034	3	14.40	1320410	20.0
[1,1'-Biphenyl]-4...	15.89	5.3	ng/ul	338703	4	17.14	1273150	20.0
(DEL) Alkane: Str...	16.11	5.3	ng/ul	334173	4	17.14	1273150	20.0
9H-Fluorene, 9-me...	16.45	2.5	ng/ul	160291	4	17.14	1273150	20.0
unknown-02	16.68	2.6	ng/ul	165866	4	17.14	1273150	20.0
9H-Fluoren-9-one	16.79	4.4	ng/ul	282493	4	17.14	1273150	20.0
(DEL) Alkane: Str...	16.89	3.1	ng/ul	198315	4	17.14	1273150	20.0
Azuleno(2,1-b)thi...	16.96	6.2	ng/ul	394563	4	17.14	1273150	20.0
(DEL) Alkane: Str...	17.63	2.7	ng/ul	169897	4	17.14	1273150	20.0
Anthracene, 2-met...	18.02	5.9	ng/ul	377950	4	17.14	1273150	20.0
Phenanthrene, 2-m...	18.06	8.6	ng/ul	544004	4	17.14	1273150	20.0
unknown-03	18.15	2.7	ng/ul	174124	4	17.14	1273150	20.0
4H-Cyclopenta[def...	18.22	10.6	ng/ul	673592	4	17.14	1273150	20.0
1H-Cyclopropa[l]p...	18.25	3.2	ng/ul	201548	4	17.14	1273150	20.0
(DEL) Alkane: Bra...	18.33	2.4	ng/ul	152959	4	17.14	1273150	20.0
2-Phenylanthracene	18.52	4.0	ng/ul	256385	4	17.14	1273150	20.0
9,10-Anthracenedione	18.56	4.1	ng/ul	263199	4	17.14	1273150	20.0
Phenanthrene, 3,6...	18.93	3.2	ng/ul	202632	4	17.14	1273150	20.0
Cyclopenta(def)ph...	19.07	3.5	ng/ul	223485	4	17.14	1273150	20.0
Pyrene, 2-methyl-	20.05	4.3	ng/ul	645916	5	21.32	3005190	20.0
11H-Benzo[b]fluorene	20.15	2.1	ng/ul	322231	5	21.32	3005190	20.0