

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020537.D
 Acq On : 26 Dec 2015 12:52
 Operator : UM/SJ
 Sample : G4802-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D91

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\SOM02.2-EPA-BG122415.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	3.175	53	57	62	rVV	14013	20462	0.59%	0.059%
2	4.215	228	234	241	rVB	13176	19732	0.57%	0.057%
3	7.235	738	748	762	rBV	46556	91145	2.62%	0.264%
4	7.394	768	775	785	rBV	39183	63759	1.83%	0.185%
5	7.605	805	811	819	rVB	49879	83596	2.40%	0.242%
6	8.075	885	891	898	rVB	82923	135376	3.89%	0.392%
7	8.786	1004	1012	1021	rBV2	61887	110241	3.17%	0.319%
8	9.244	1082	1090	1102	rBV	49250	88859	2.56%	0.257%
9	9.973	1207	1214	1224	rBB	43660	76119	2.19%	0.220%
10	10.514	1294	1306	1316	rBV2	68419	124002	3.57%	0.359%
11	10.895	1364	1371	1376	rVV	115190	208133	5.99%	0.603%
12	10.942	1376	1379	1386	rVB	9636	15150	0.44%	0.044%
13	11.031	1387	1394	1402	rBV	33261	62485	1.80%	0.181%
14	11.888	1533	1540	1545	rVV2	10164	16193	0.47%	0.047%
15	12.764	1680	1689	1697	rVB	54348	93048	2.68%	0.269%
16	12.981	1717	1726	1729	rVV9	8730	19556	0.56%	0.057%
17	13.093	1738	1745	1748	rBV3	12865	21738	0.63%	0.063%
18	13.228	1764	1768	1774	rBV2	23739	34350	0.99%	0.099%
19	13.516	1808	1817	1819	rBV4	12481	27465	0.79%	0.080%
20	13.545	1819	1822	1826	rVB5	12516	18915	0.54%	0.055%
21	13.745	1850	1856	1857	rBV2	12469	17644	0.51%	0.051%
22	13.868	1872	1877	1887	rVB	38958	108190	3.11%	0.313%
23	14.033	1899	1905	1910	rVV	107398	198010	5.69%	0.574%
24	14.109	1910	1918	1922	rVV2	139009	291389	8.38%	0.844%
25	14.162	1922	1927	1933	rVV4	100321	203916	5.86%	0.591%
26	14.215	1933	1936	1941	rVV5	12319	27239	0.78%	0.079%
27	14.268	1941	1945	1955	rVB2	52998	119304	3.43%	0.346%
28	14.409	1963	1969	1971	rBV	153313	249860	7.19%	0.724%
29	14.438	1971	1974	1982	rVB2	111569	181337	5.22%	0.525%
30	14.538	1986	1991	1995	rBV3	19166	32404	0.93%	0.094%
31	14.585	1995	1999	2002	rBV5	23386	38261	1.10%	0.111%
32	14.667	2008	2013	2015	rBV3	26007	46408	1.33%	0.134%
33	14.714	2015	2021	2026	rVV2	205466	344789	9.92%	0.999%
34	14.779	2026	2032	2037	rVB2	81837	138063	3.97%	0.400%

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35	14.920	2050	2056	2063	rBV3	61343	128998	3.71%	0.374%
36	14.997	2065	2069	2071	rBV2	20411	29382	0.85%	0.085%
37	15.102	2080	2087	2091	rBV3	67874	136089	3.91%	0.394%
38	15.179	2096	2100	2104	rBV	67549	102161	2.94%	0.296%
39	15.326	2119	2125	2129	rBV3	67000	124145	3.57%	0.360%
40	15.378	2130	2134	2138	rVV2	38988	61424	1.77%	0.178%
41	15.496	2147	2154	2157	rBV5	63155	133984	3.85%	0.388%
42	15.531	2157	2160	2164	rVV2	60512	82985	2.39%	0.240%
43	15.578	2164	2168	2174	rVV2	55333	93503	2.69%	0.271%
44	15.637	2174	2178	2181	rVV3	36615	65001	1.87%	0.188%
45	15.702	2185	2189	2194	rVV	246024	390275	11.22%	1.130%
46	15.760	2194	2199	2207	rVV	311695	566155	16.28%	1.640%
47	15.831	2208	2211	2218	rVV4	43853	112818	3.24%	0.327%
48	15.937	2222	2229	2241	rVV4	110876	339763	9.77%	0.984%
49	16.036	2242	2246	2253	rVV4	35947	75308	2.17%	0.218%
50	16.160	2263	2267	2272	rBV3	86815	158998	4.57%	0.461%
51	16.418	2303	2311	2318	rBV3	218839	464423	13.36%	1.345%
52	16.524	2325	2329	2331	rBV3	30000	49078	1.41%	0.142%
53	16.565	2332	2336	2339	rVB3	39729	66340	1.91%	0.192%
54	16.759	2361	2369	2373	rBV2	124397	327154	9.41%	0.948%
55	16.812	2373	2378	2382	rVV	117718	199402	5.73%	0.578%
56	16.853	2382	2385	2390	rVV5	51016	81139	2.33%	0.235%
57	16.906	2390	2394	2399	rVB	112949	169714	4.88%	0.492%
58	17.012	2408	2412	2414	rBV2	46507	60871	1.75%	0.176%
59	17.188	2439	2442	2446	rVB4	53345	61989	1.78%	0.180%
60	17.241	2446	2451	2454	rVV	131848	205410	5.91%	0.595%
61	17.276	2454	2457	2463	rVB	95951	137216	3.95%	0.397%
62	17.464	2484	2489	2491	rBV	240257	365797	10.52%	1.059%
63	17.511	2491	2497	2502	rVV	1444173	2284956	65.71%	6.618%
64	17.558	2502	2505	2508	rVV	222067	308016	8.86%	0.892%
65	17.593	2508	2511	2516	rVB	266956	360598	10.37%	1.044%
66	17.729	2531	2534	2542	rVB6	58958	113466	3.26%	0.329%
67	17.928	2565	2568	2572	rVV2	45289	54681	1.57%	0.158%
68	17.975	2573	2576	2580	rVV	81642	106288	3.06%	0.308%
69	18.040	2584	2587	2592	rVB2	89168	123323	3.55%	0.357%
70	18.334	2632	2637	2641	rBV	358001	531063	15.27%	1.538%
71	18.387	2641	2646	2650	rVB	423211	609875	17.54%	1.766%

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72	18.469	2656	2660	2664	rVB	130420	189001	5.44%	0.547%
73	18.534	2665	2671	2675	rVV2	860912	1685732	48.48%	4.882%
74	18.569	2675	2677	2681	rVB	364726	399610	11.49%	1.157%
75	18.827	2717	2721	2725	rVB	221803	292224	8.40%	0.846%
76	19.068	2760	2762	2768	rVB2	81560	104234	3.00%	0.302%
77	19.121	2768	2771	2775	rBV	69690	93016	2.68%	0.269%
78	19.244	2787	2792	2796	rBV	363108	568548	16.35%	1.647%
79	19.309	2797	2803	2806	rBV3	183775	341254	9.81%	0.988%
80	19.409	2812	2820	2831	rVB4	149867	481705	13.85%	1.395%
81	19.515	2832	2838	2843	rBV	1380896	2072434	59.60%	6.002%
82	19.662	2858	2863	2867	rBV	260606	375437	10.80%	1.087%
83	19.879	2890	2900	2907	rVV2	1915795	3477150	100.00%	10.071%
84	19.944	2907	2911	2916	rVB	112543	183623	5.28%	0.532%
85	20.196	2949	2954	2961	rVB	196656	429711	12.36%	1.245%
86	20.361	2973	2982	2988	rVB	458673	1120352	32.22%	3.245%
87	20.461	2995	2999	3004	rVB	355537	463219	13.32%	1.342%
88	20.519	3006	3009	3013	rVB	287128	374542	10.77%	1.085%
89	20.660	3029	3033	3037	rBV	354854	477844	13.74%	1.384%
90	20.707	3037	3041	3050	rVB	340356	582960	16.77%	1.688%
91	21.354	3148	3151	3156	rVB	214454	292563	8.41%	0.847%
92	21.407	3156	3160	3164	rBV	175366	252523	7.26%	0.731%
93	21.724	3208	3214	3221	rBV2	680408	1946849	55.99%	5.639%
94	21.789	3222	3225	3232	rVB	667849	1069448	30.76%	3.097%
95	22.012	3259	3263	3275	rVB3	160596	315850	9.08%	0.915%
96	22.452	3334	3338	3339	rBV3	100071	134477	3.87%	0.389%
97	23.986	3591	3599	3615	rVB2	389870	1749968	50.33%	5.068%
98	24.720	3716	3724	3731	rBV	298761	760819	21.88%	2.204%
99	24.873	3742	3750	3759	rVB	460565	1281365	36.85%	3.711%
100	25.020	3769	3775	3783	rVB	159922	401067	11.53%	1.162%

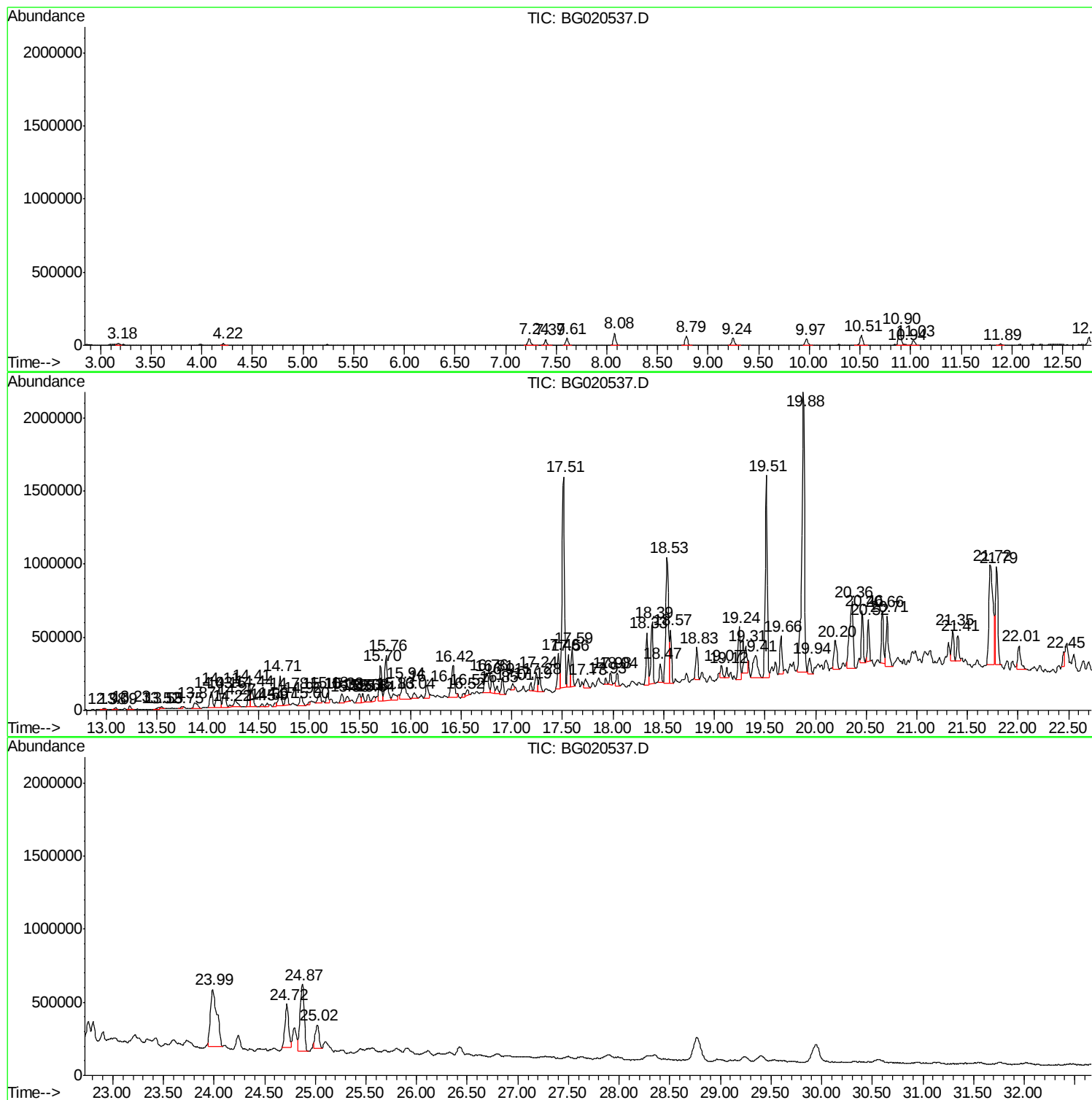
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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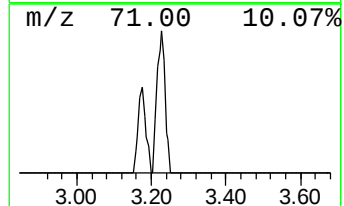
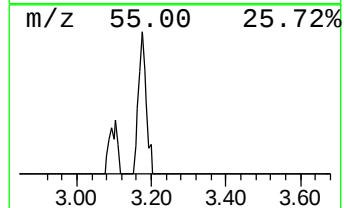
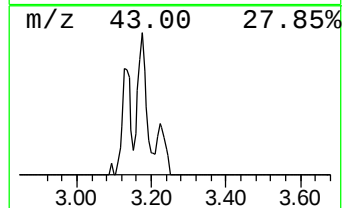
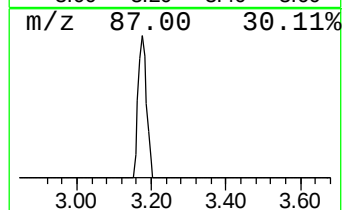
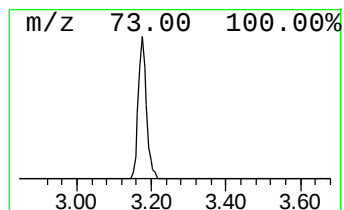
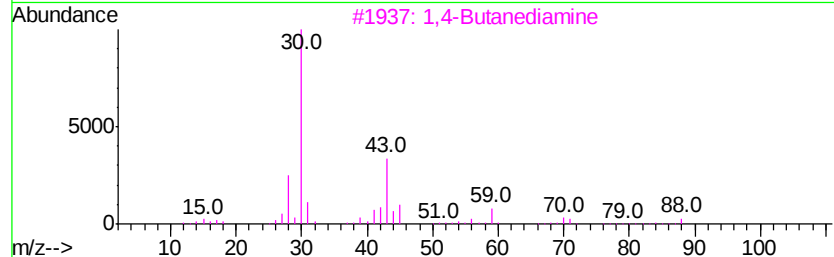
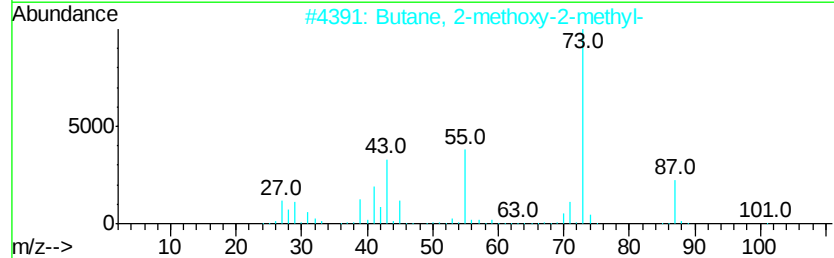
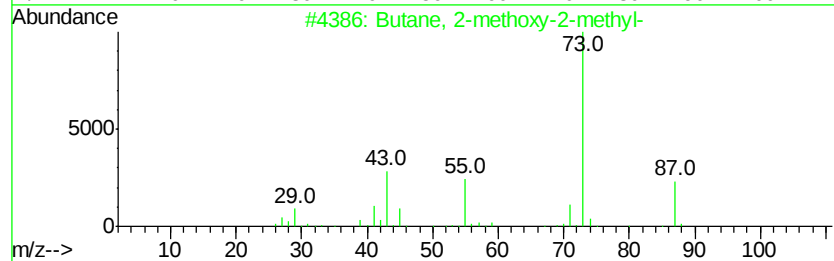
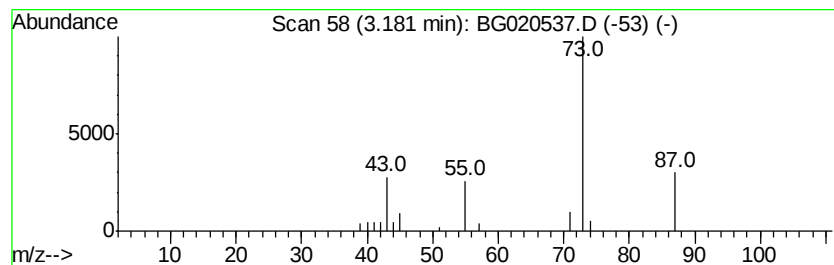
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.02 ng/ul	20462	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5



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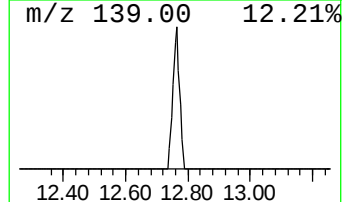
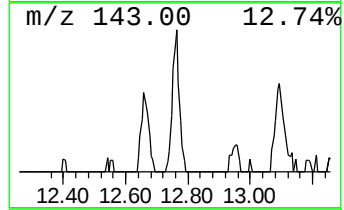
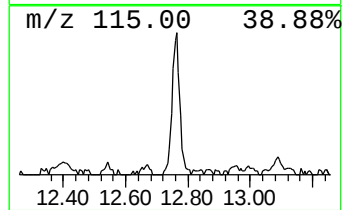
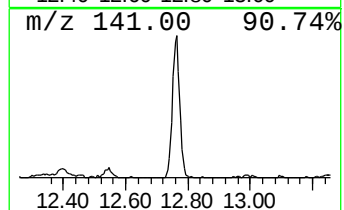
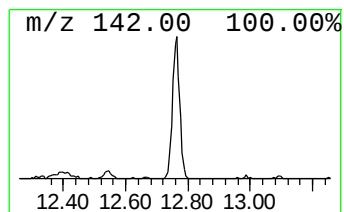
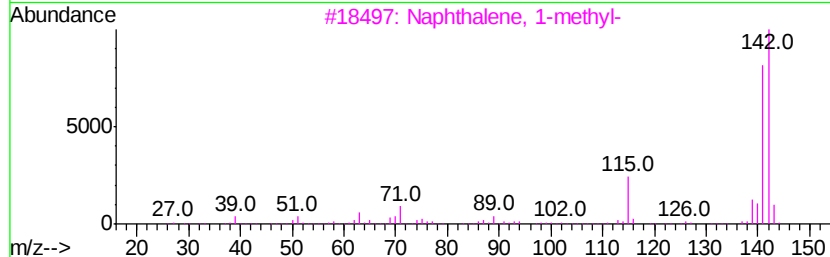
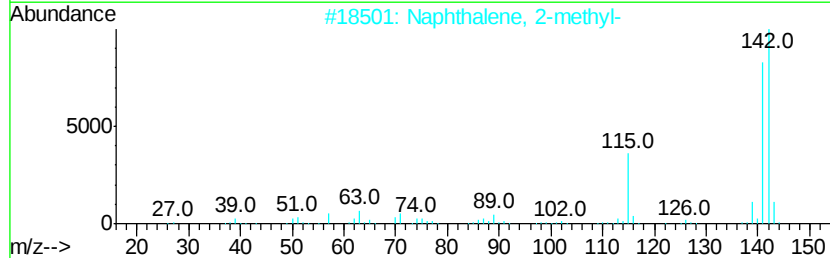
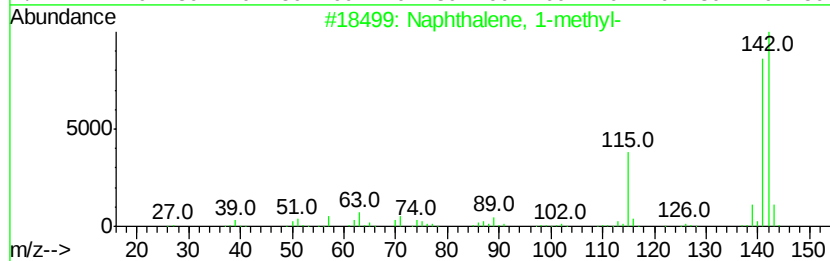
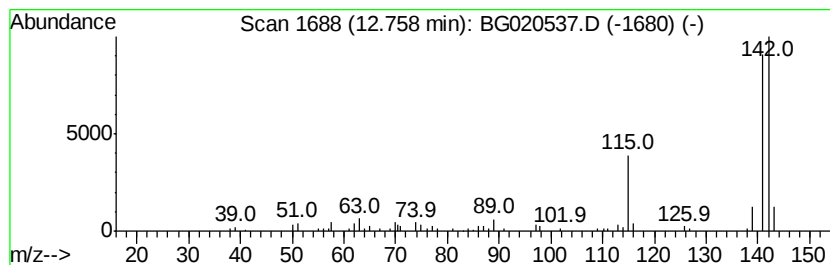
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	8.94 ng/ul	93048	Naphthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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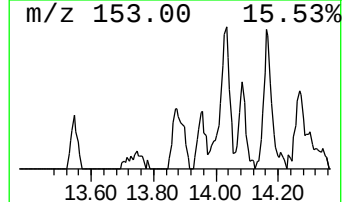
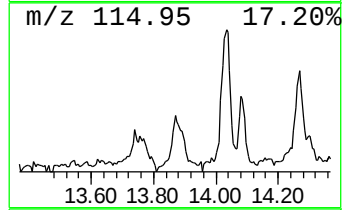
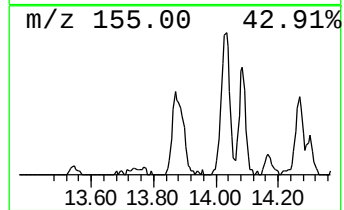
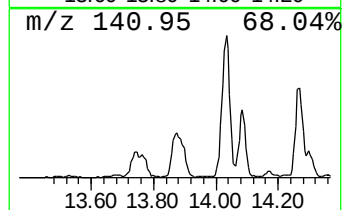
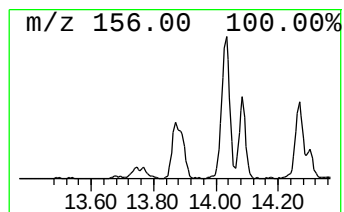
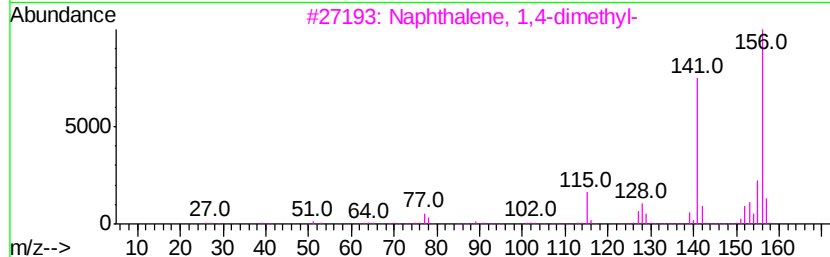
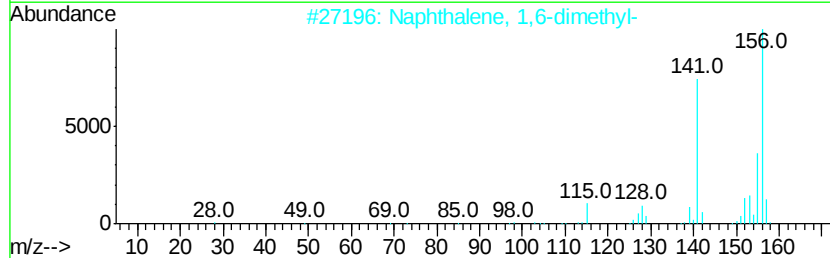
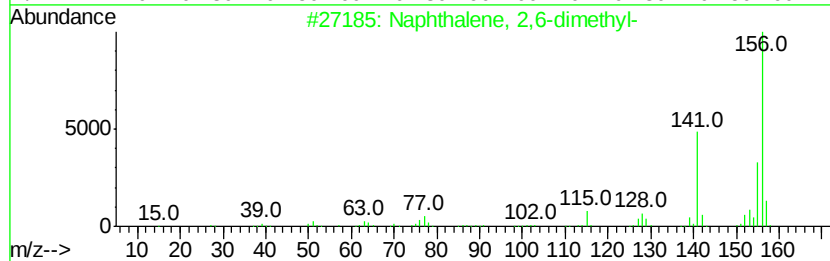
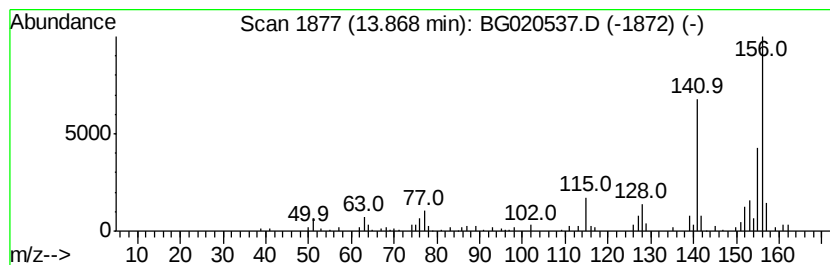
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Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.28 ng/ul	108190	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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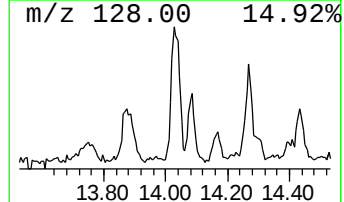
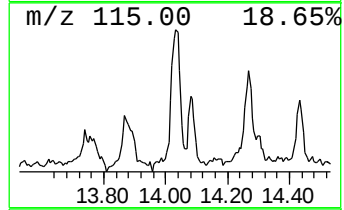
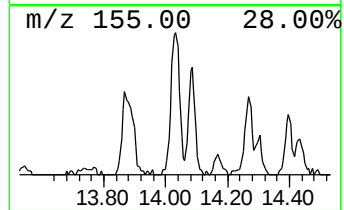
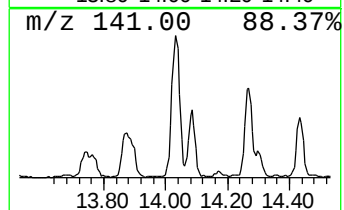
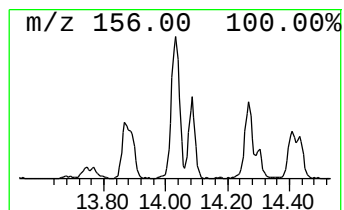
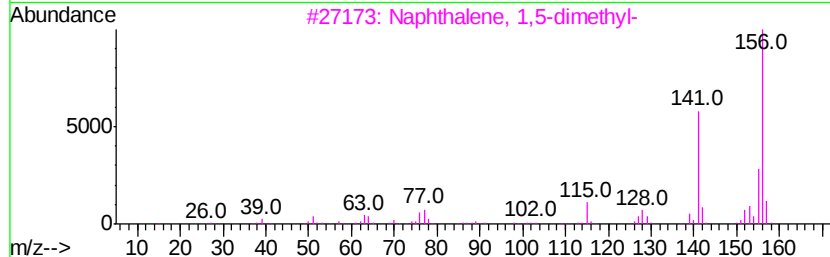
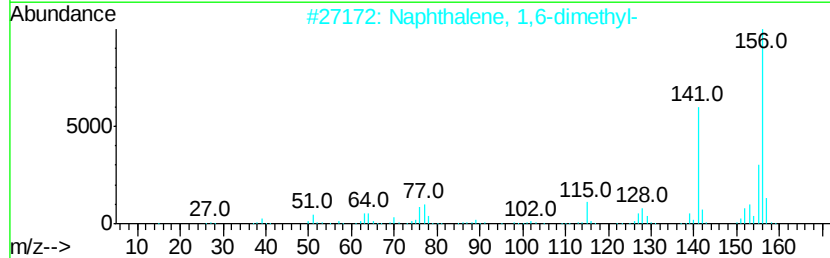
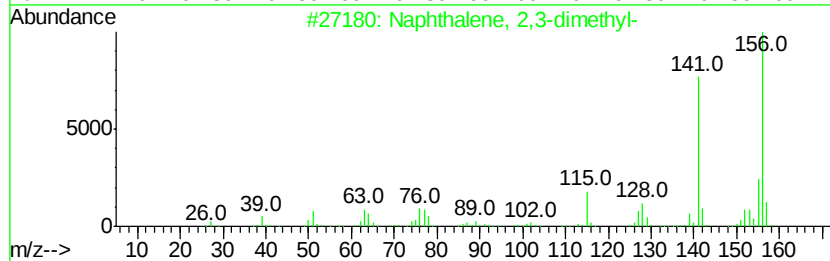
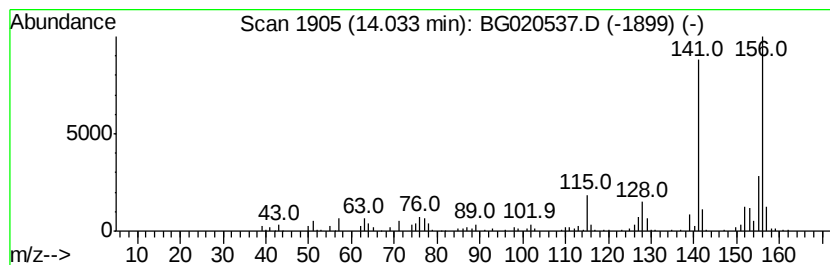
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	11.49 ng/ul	198010	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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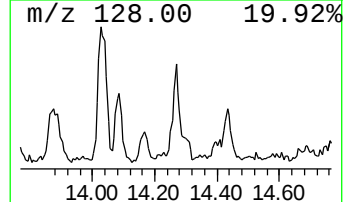
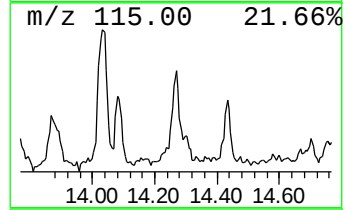
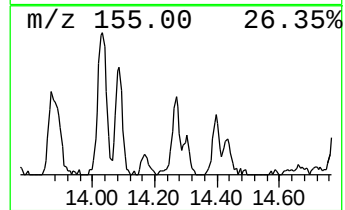
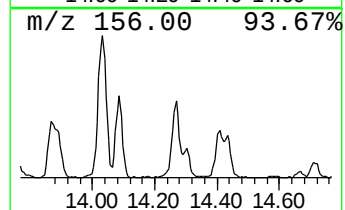
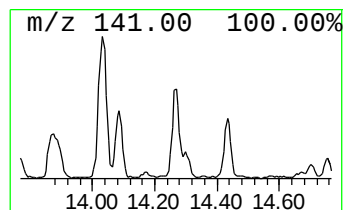
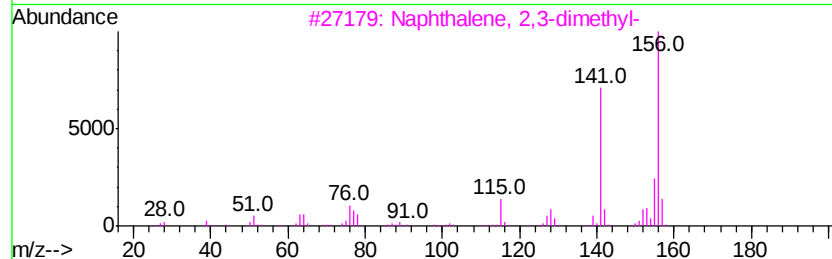
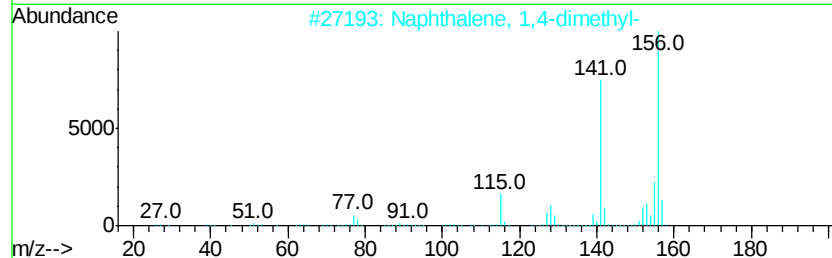
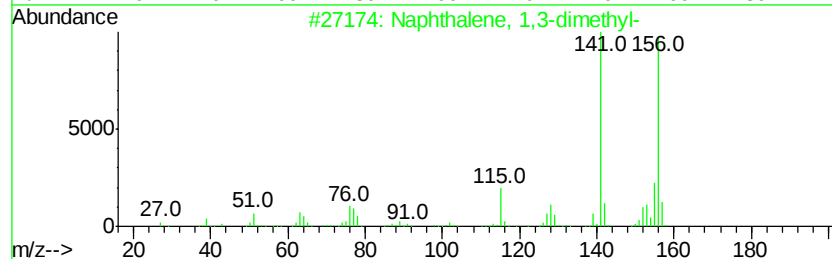
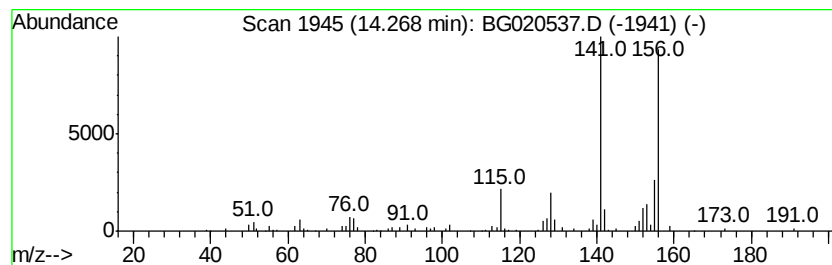
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.92 ng/ul	119304	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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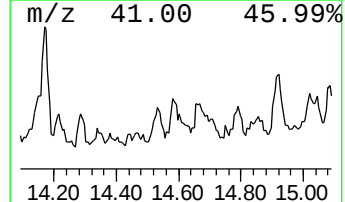
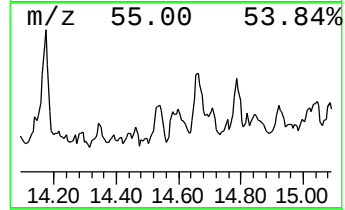
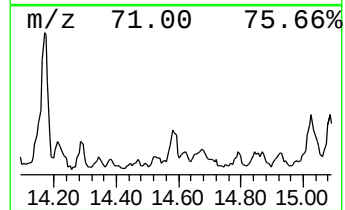
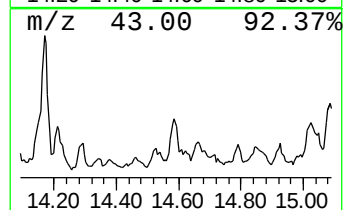
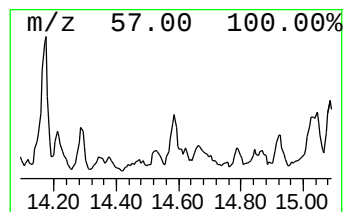
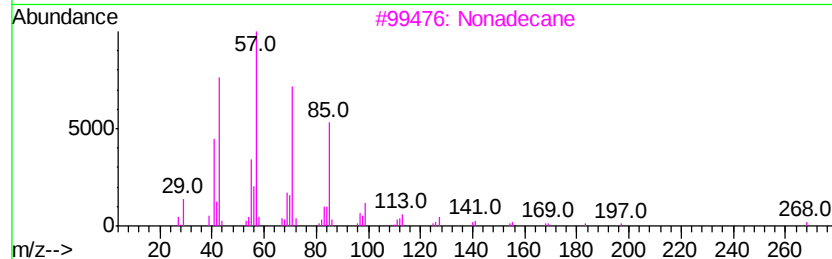
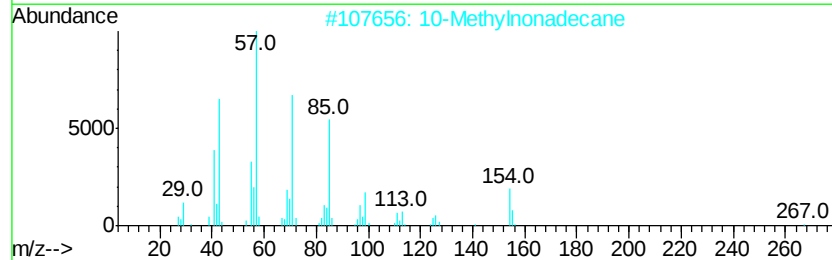
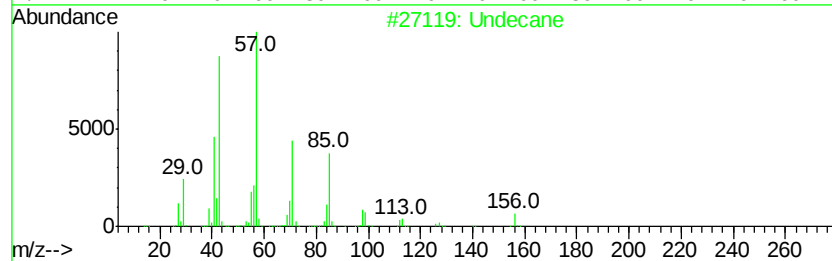
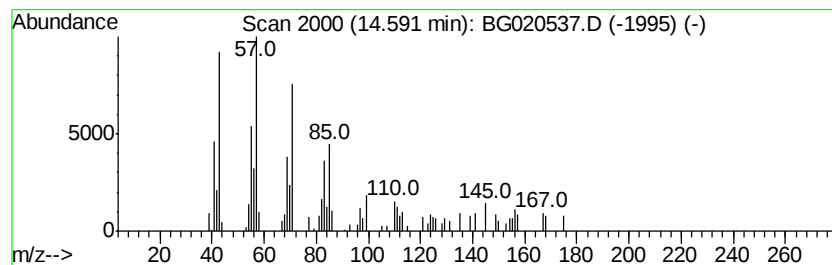
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.22 ng/ul	38261	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	81
2		10-Methylnonadecane	282	C20H42	056862-62-5	80
3		Nonadecane	268	C19H40	000629-92-5	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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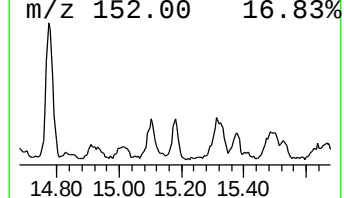
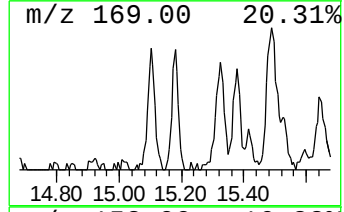
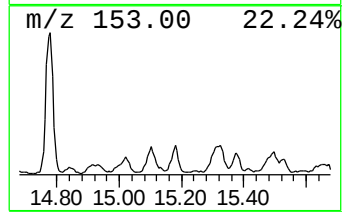
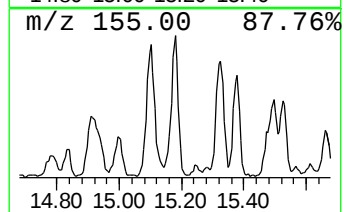
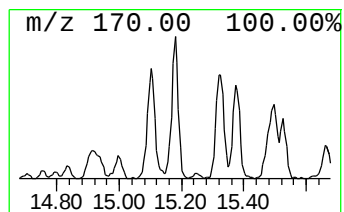
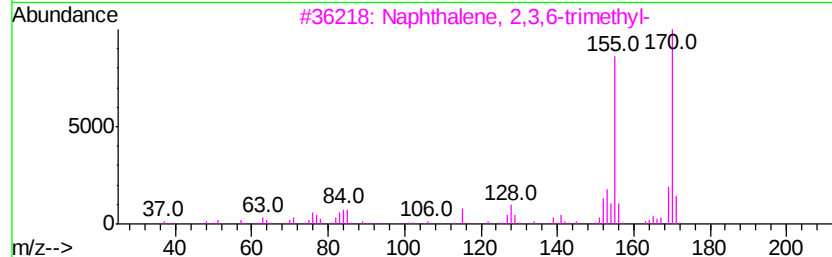
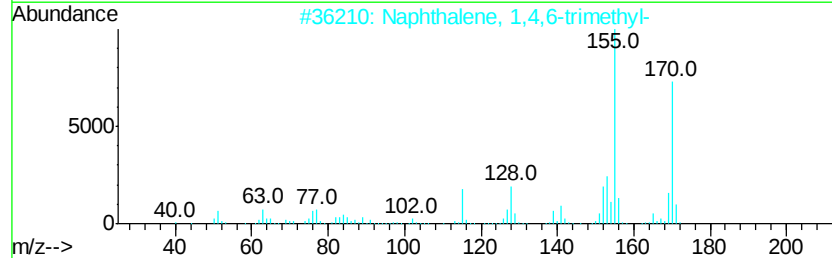
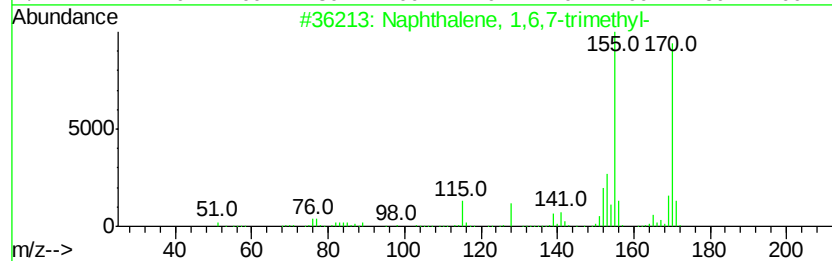
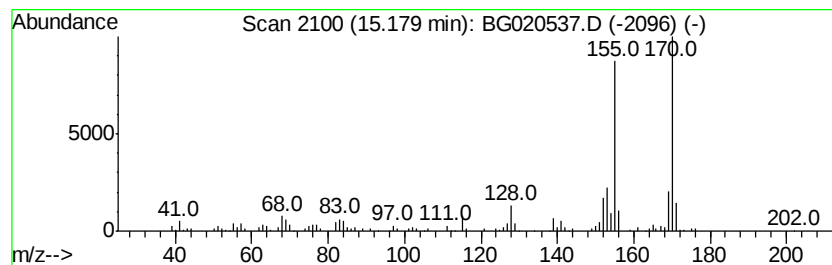
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	5.93 ng/ul	102161	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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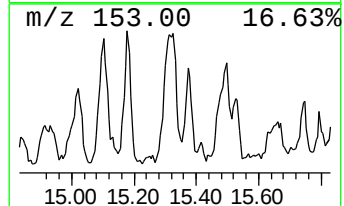
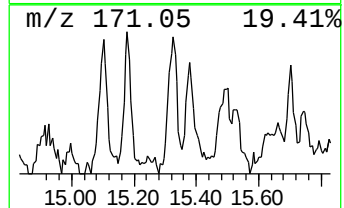
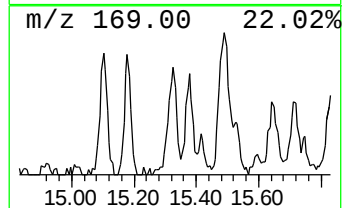
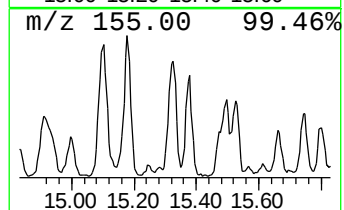
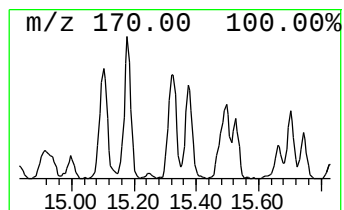
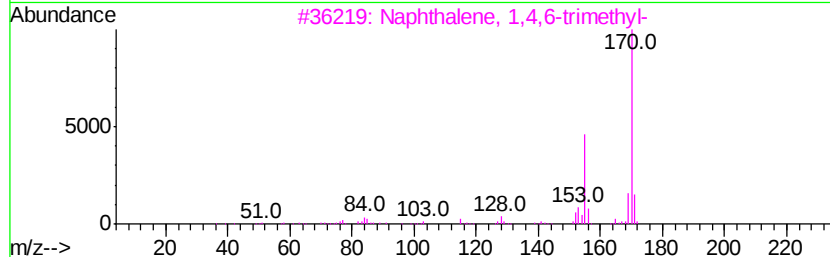
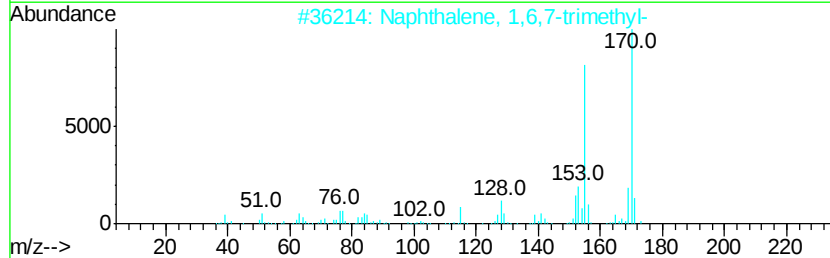
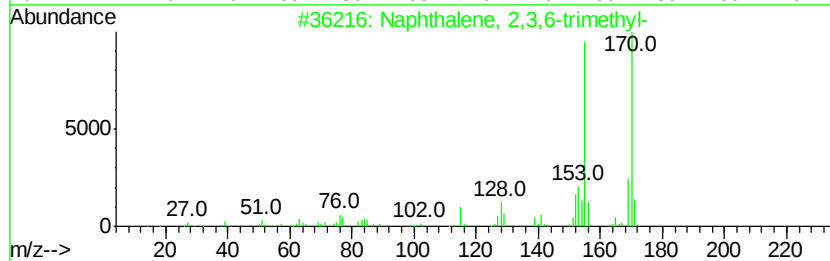
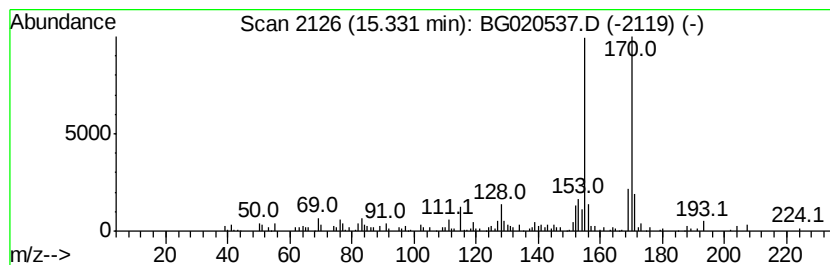
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.20 ng/ul	124145	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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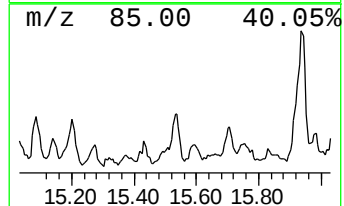
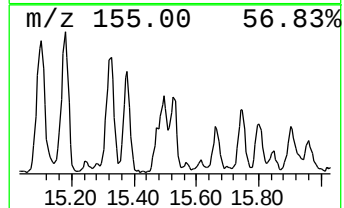
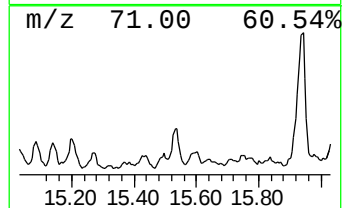
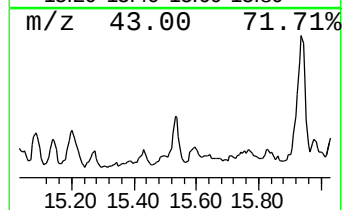
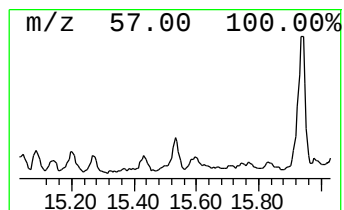
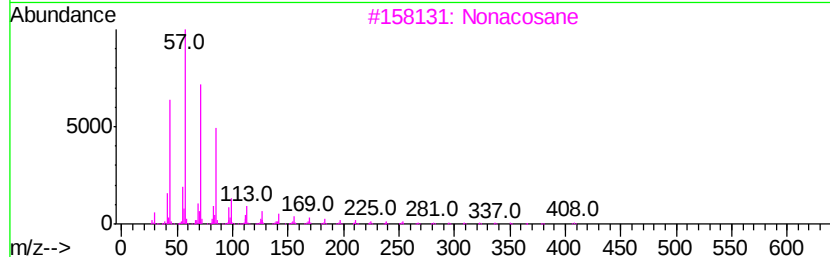
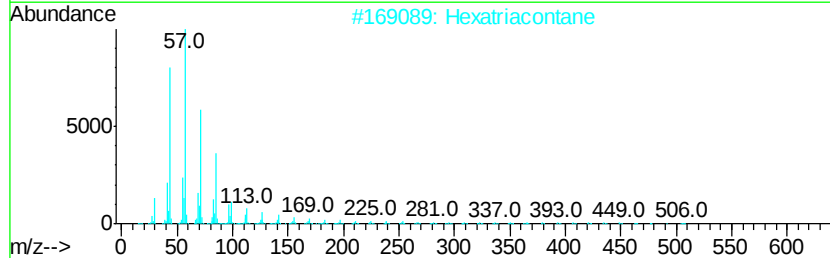
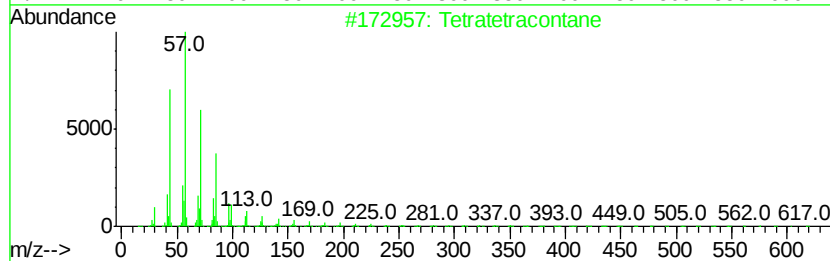
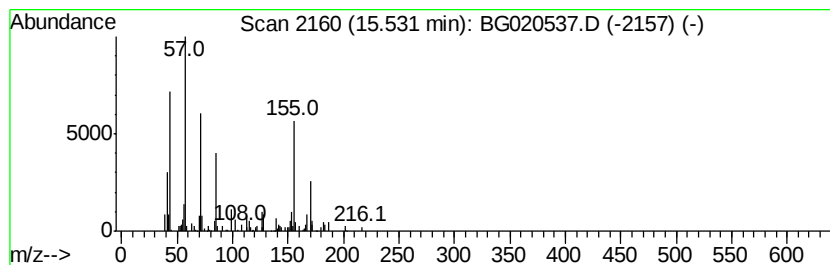
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.81 ng/ul	82985	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	49
2			Hexatriacontane	507	C36H74	000630-06-8	49
3			Nonacosane	408	C29H60	000630-03-5	47
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	47
5			Heptacosane	380	C27H56	000593-49-7	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
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Sample : G4802-16
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ALS Vial : 74 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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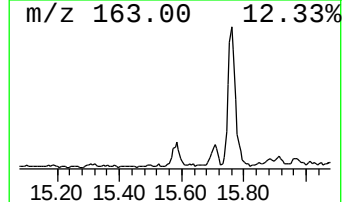
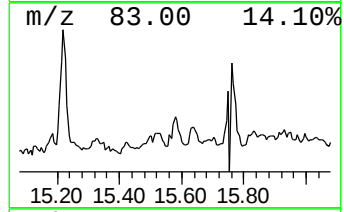
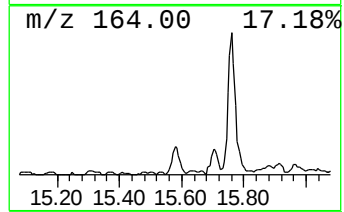
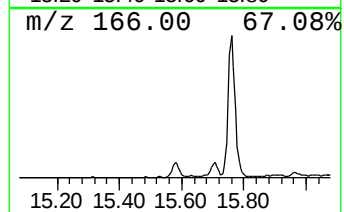
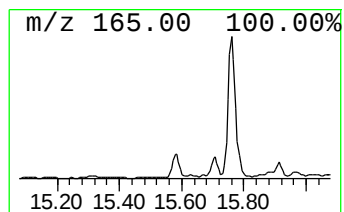
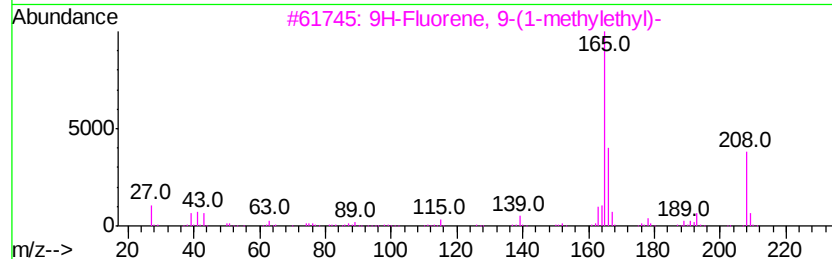
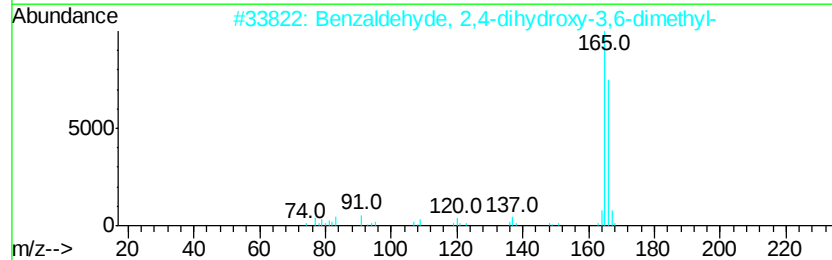
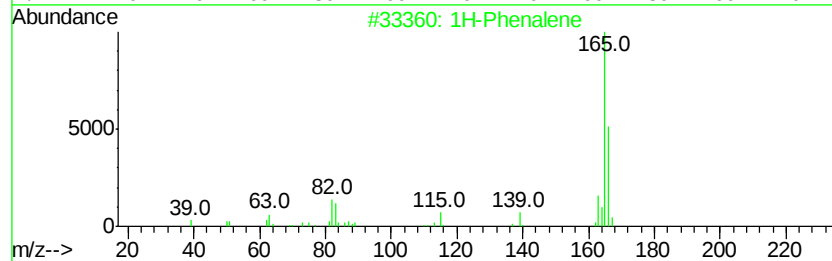
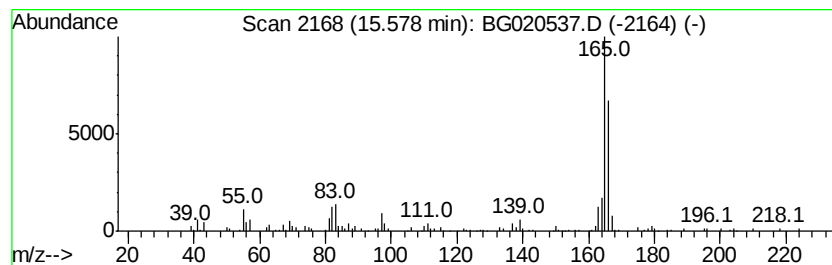
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.42 ng/ul	93503	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	87
2		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	80
3		9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	64
4		Fluorene-9-methanol	196	C14H12O	024324-17-2	64
5		Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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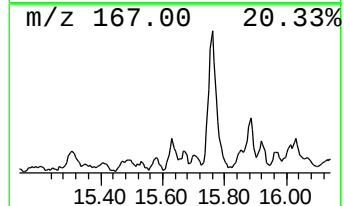
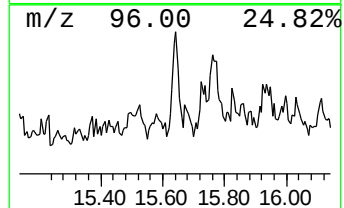
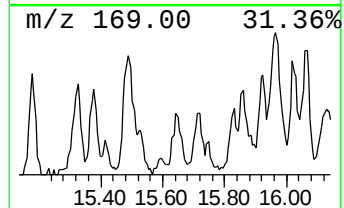
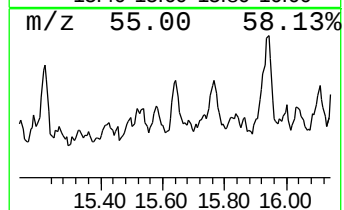
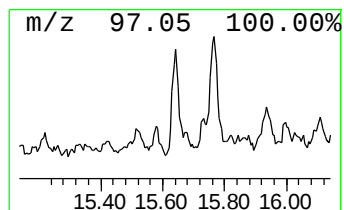
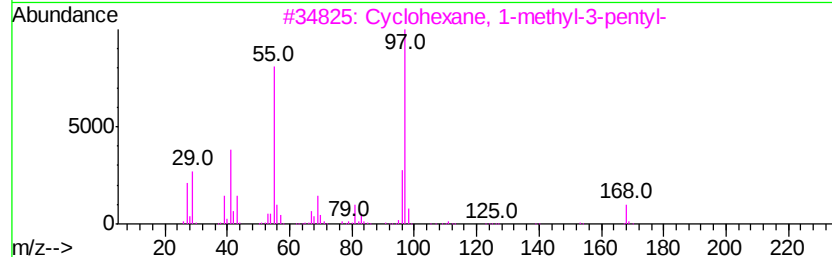
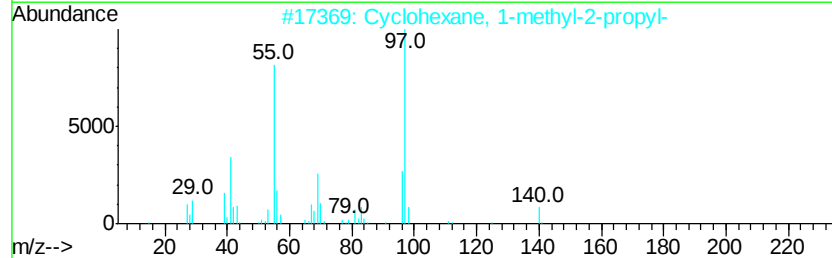
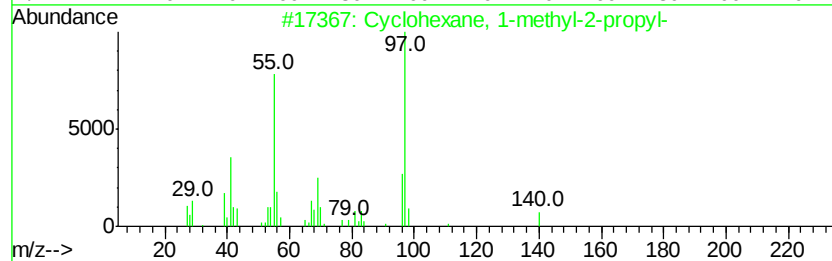
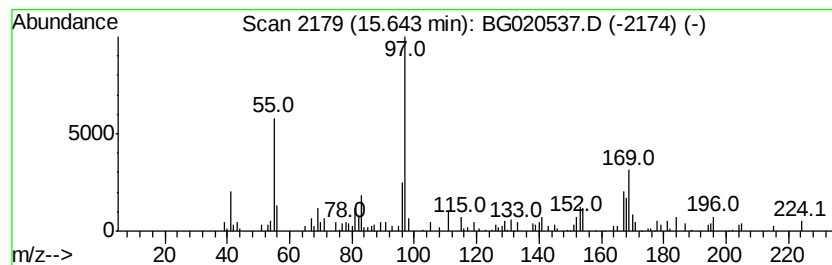
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Cyclic15.64 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.77 ng/ul	65001	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47
4			2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	38
5			2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
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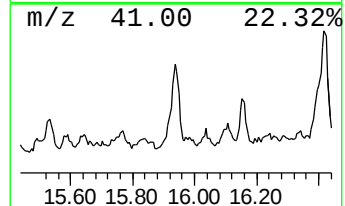
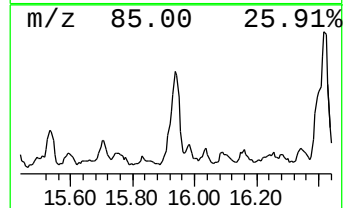
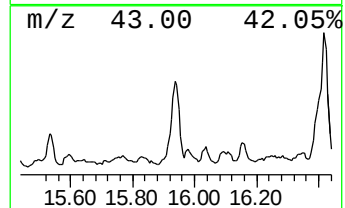
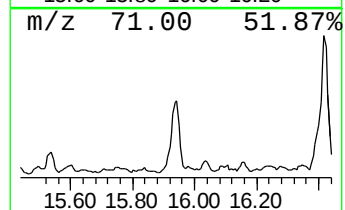
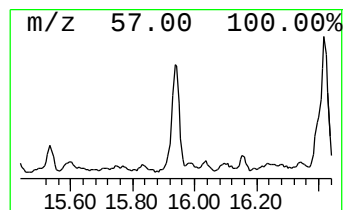
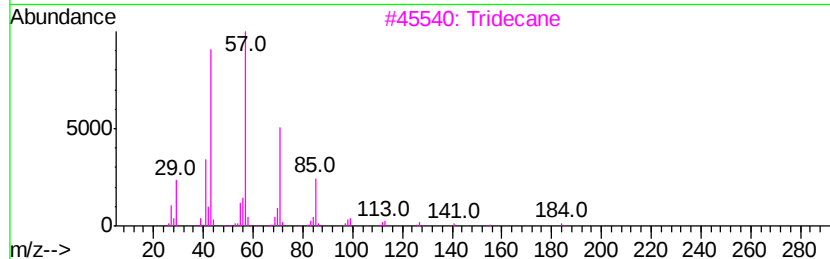
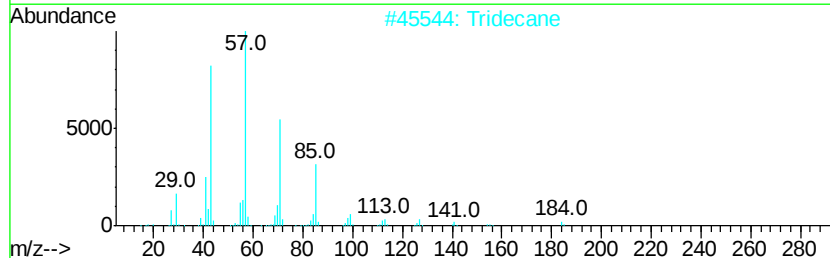
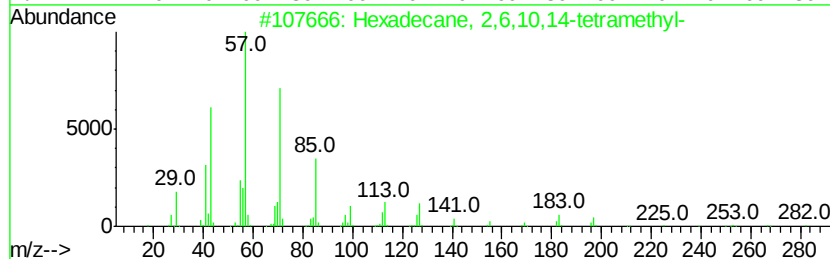
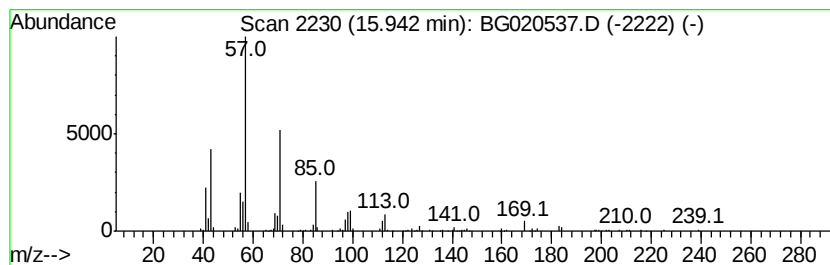
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	19.71 ng/ul	339763	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2		Tridecane	184	C13H28	000629-50-5	80
3		Tridecane	184	C13H28	000629-50-5	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
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Misc :
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ClientSampleId :
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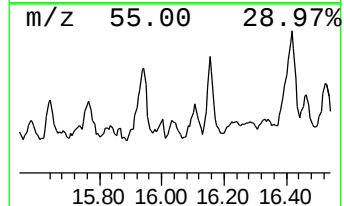
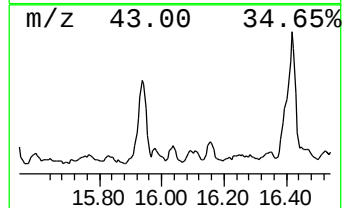
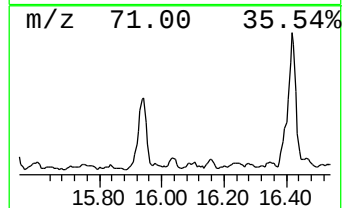
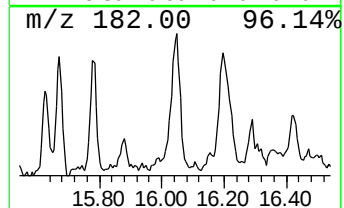
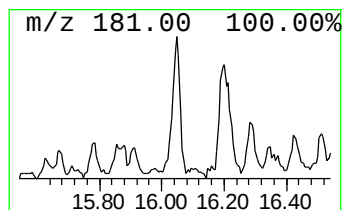
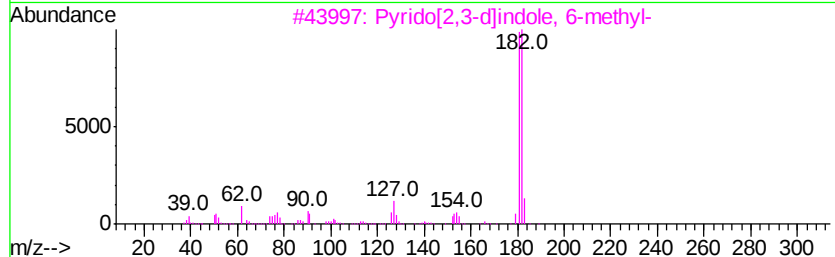
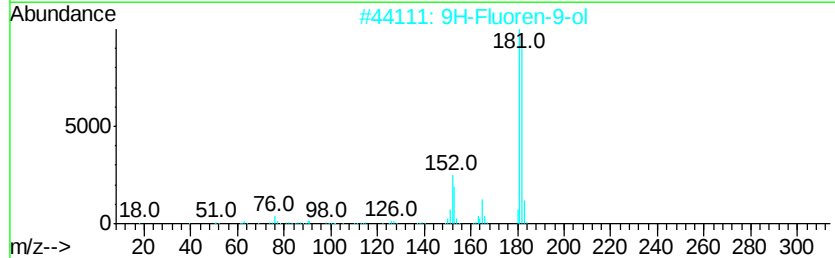
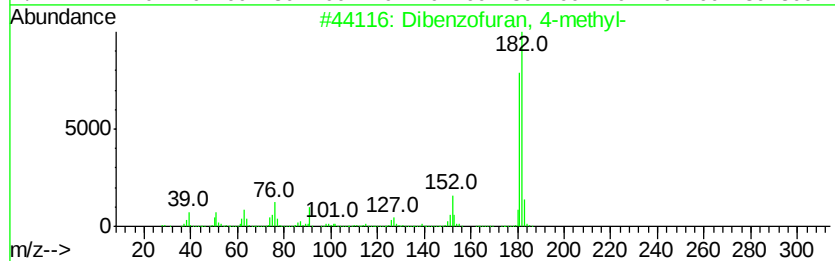
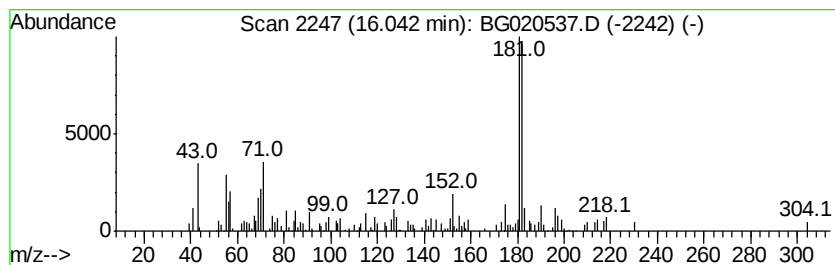
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.37 ng/ul	75308	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	43
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	43
3			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	43
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
5			9H-Xanthen-9-ylamine	197	C13H11NO	1000296-94-8	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
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Sample : G4802-16
Misc :
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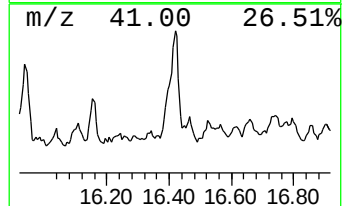
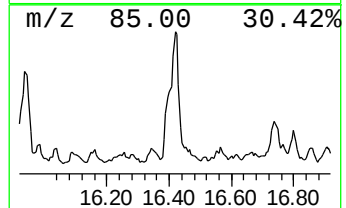
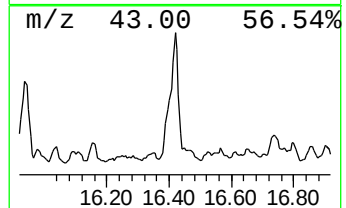
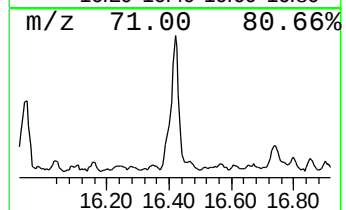
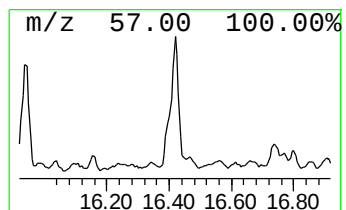
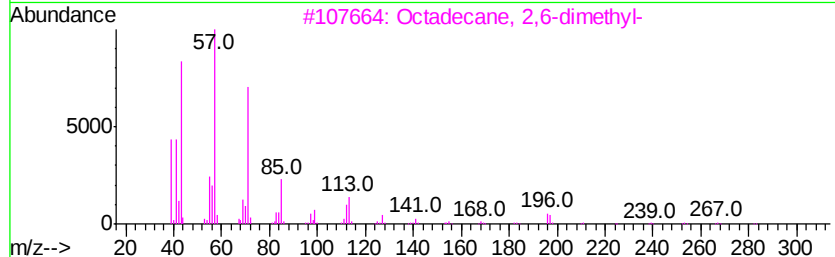
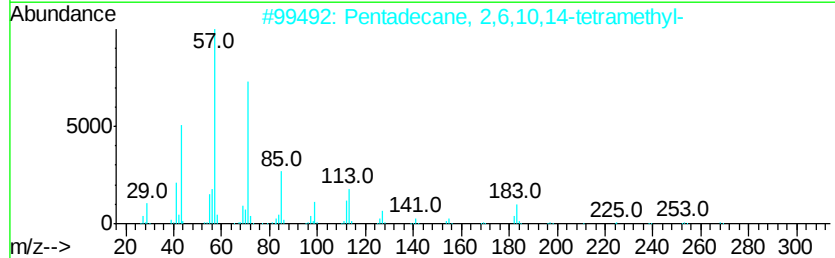
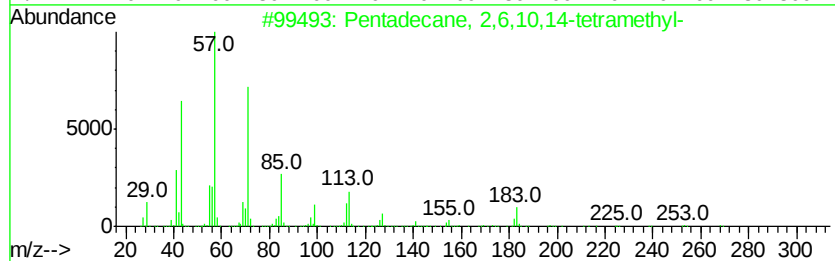
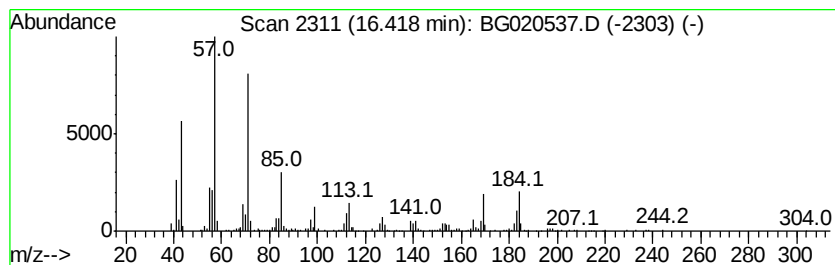
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	25.39 ng/ul	464423	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	81
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
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Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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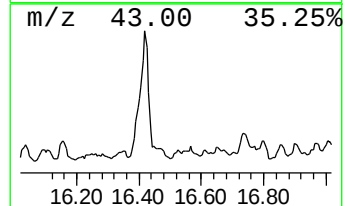
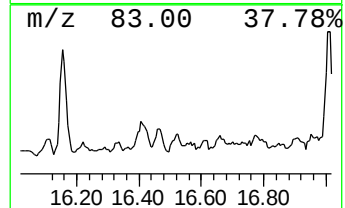
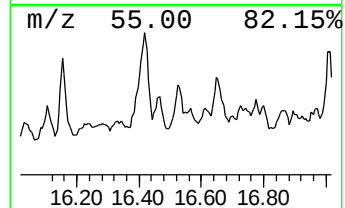
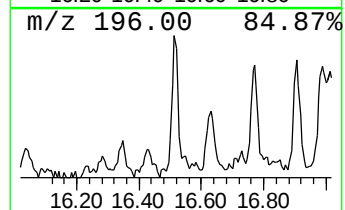
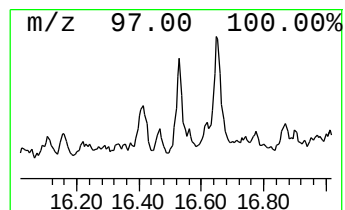
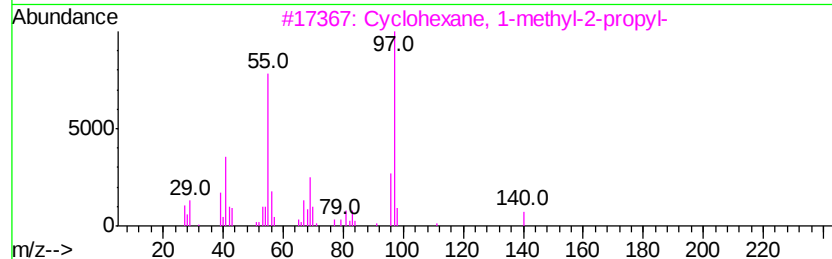
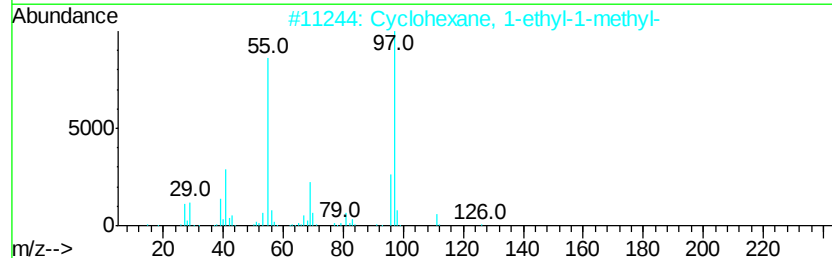
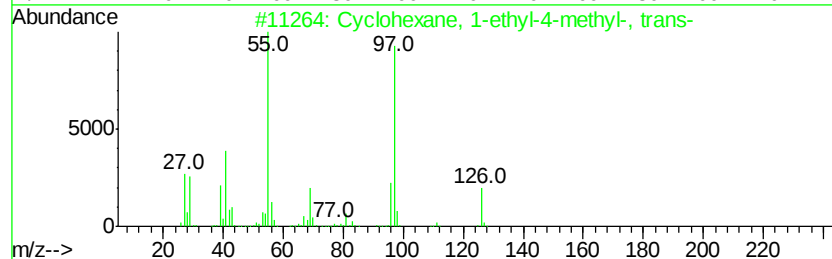
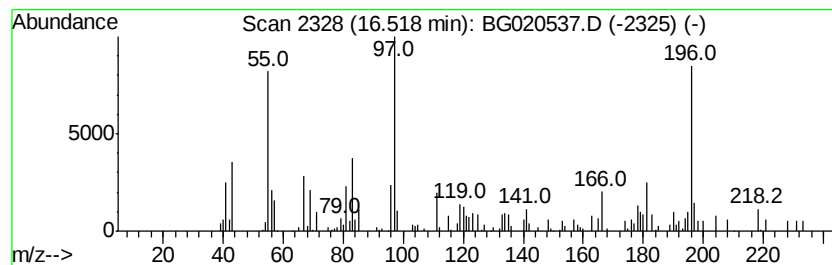
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic16.52 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.68 ng/ul	49078	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	50
5		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
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Misc :
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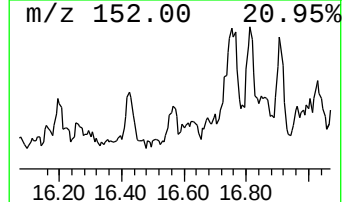
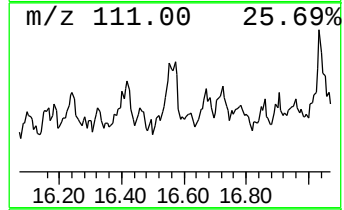
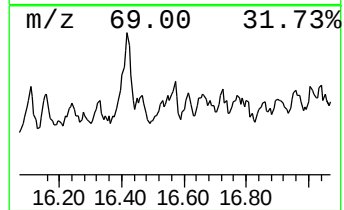
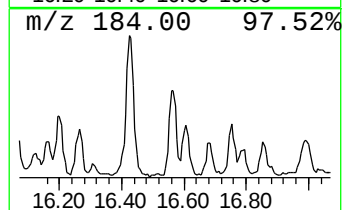
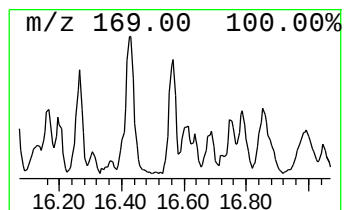
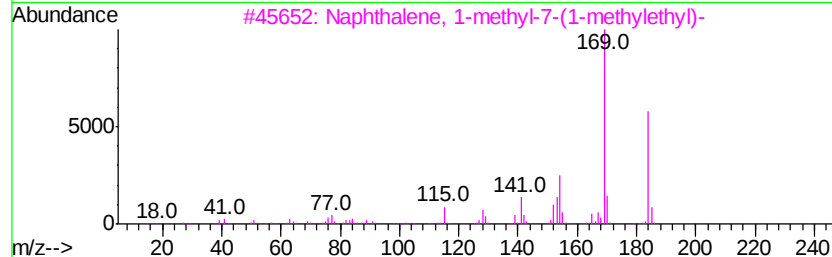
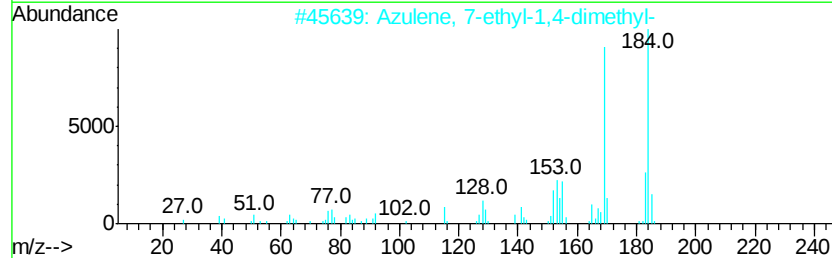
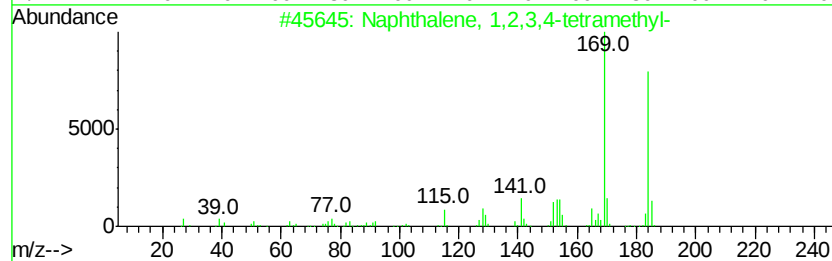
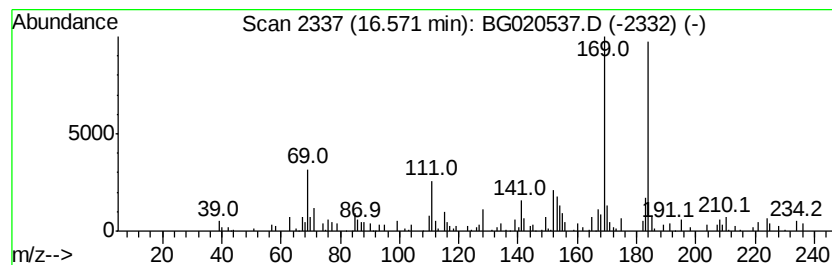
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1,2,3,4-tetram... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.63 ng/ul	66340	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	95
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	93
3		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	87
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
5		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
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ALS Vial : 74 Sample Multiplier: 1

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ClientSampleId :
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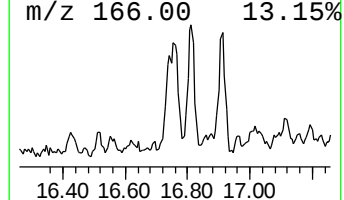
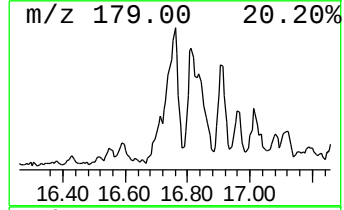
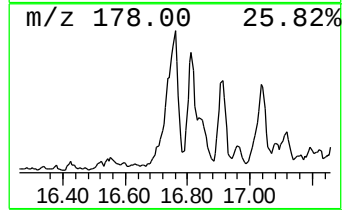
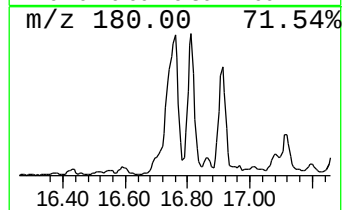
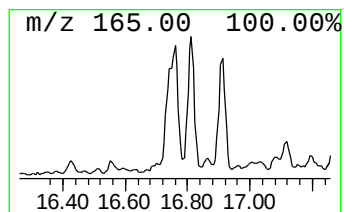
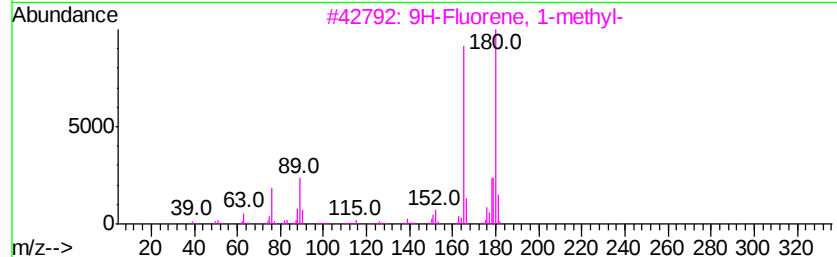
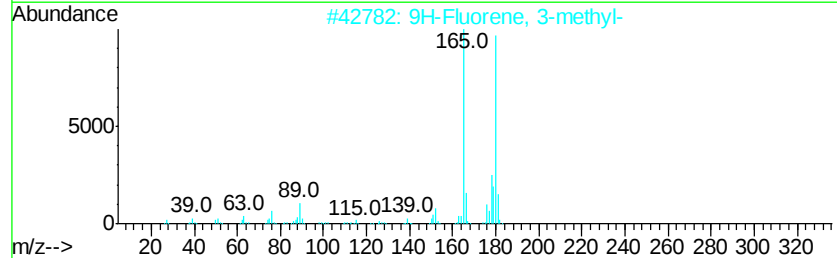
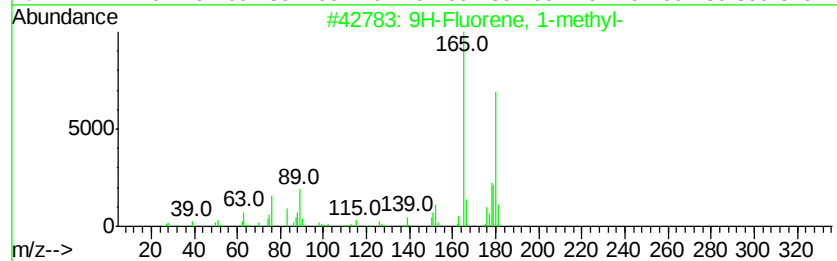
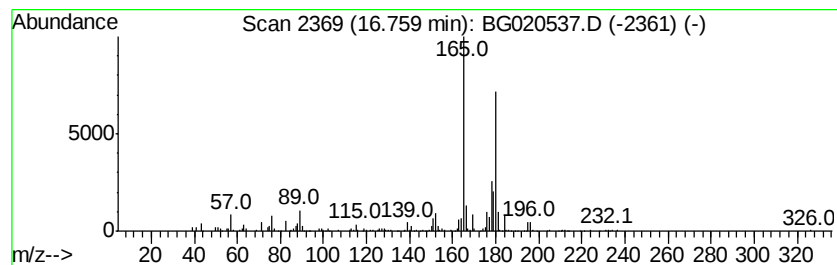
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	17.89 ng/ul	327154	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D91

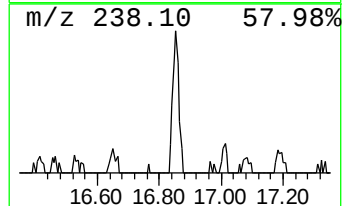
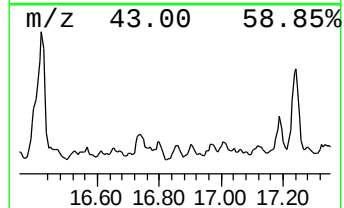
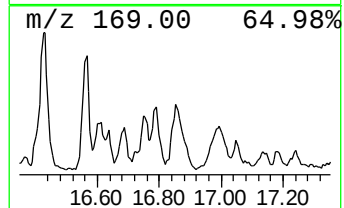
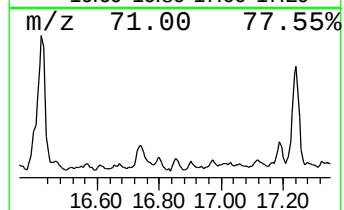
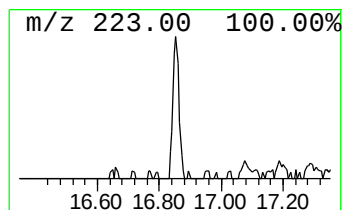
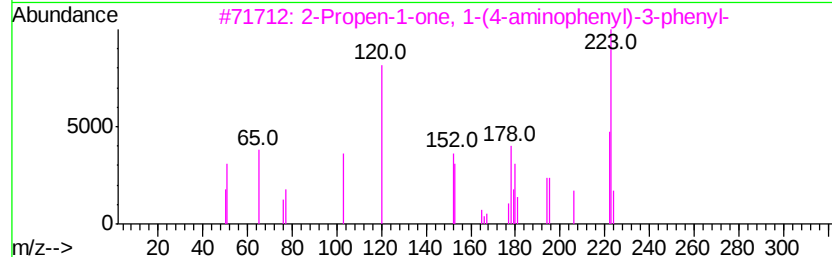
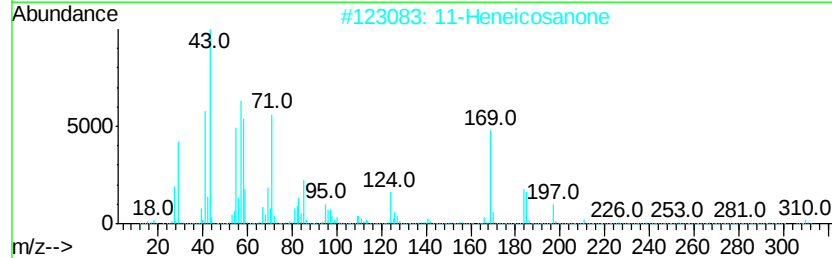
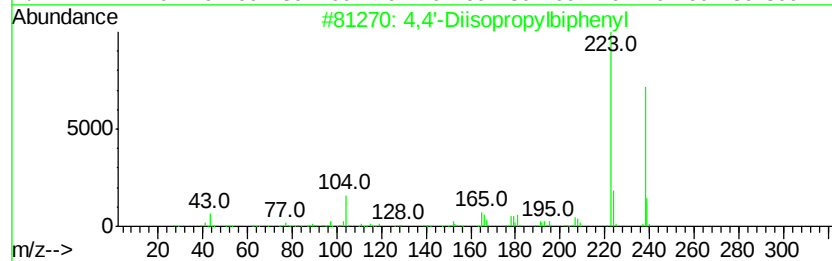
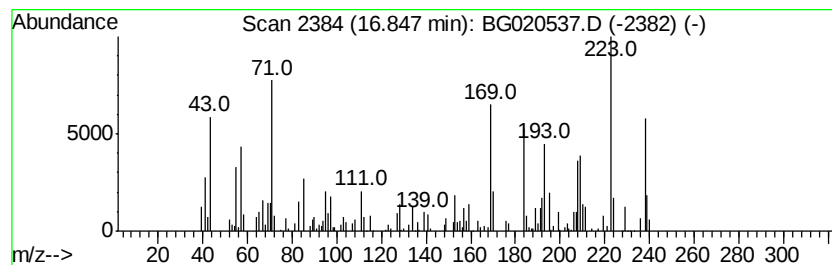
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.44 ng/ul	81139	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	30
2			11-Heneicosanone	310	C21H42O	019781-72-7	27
3			2-Propen-1-one, 1-(4-aminophenyl)...	223	C15H13NO	002403-30-7	25
4			Cyclopent[alindene, 3,8-dihydro-...	238	C18H22	017384-72-4	22
5			Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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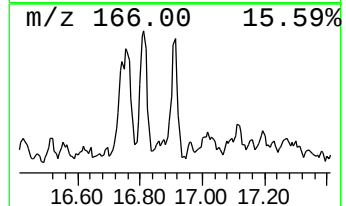
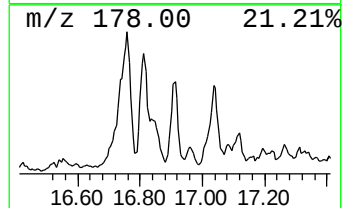
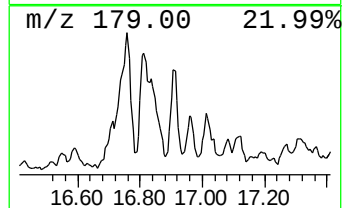
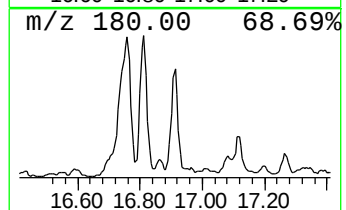
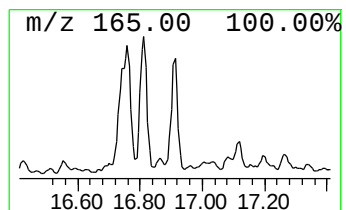
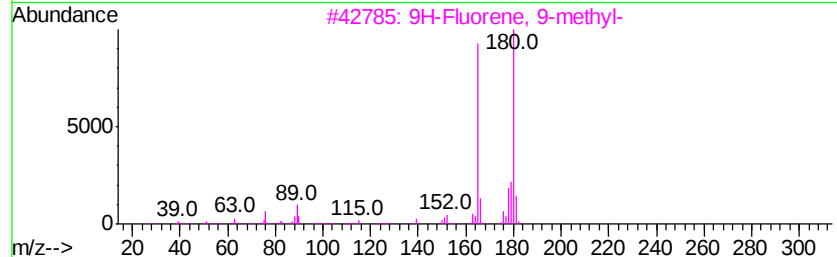
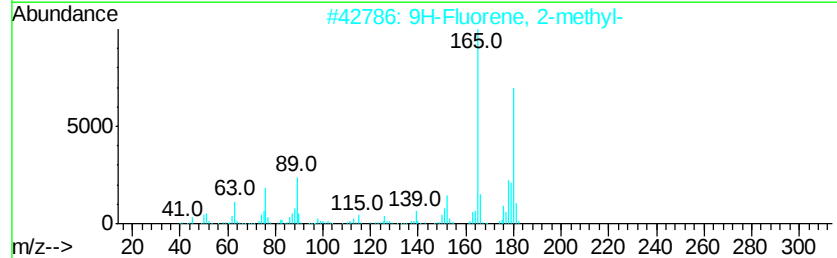
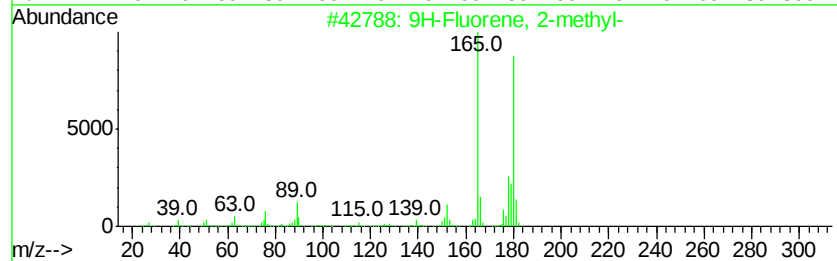
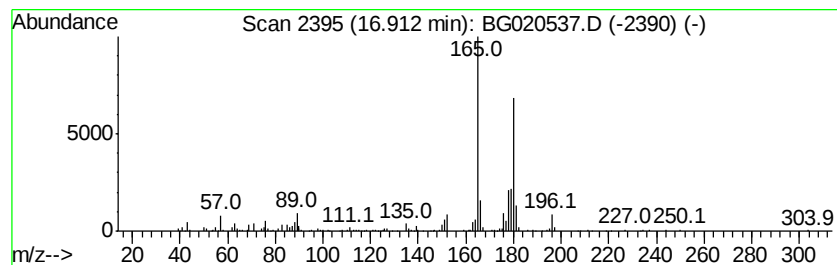
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	9.28 ng/ul	169714	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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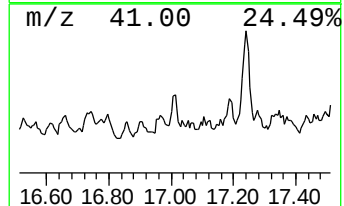
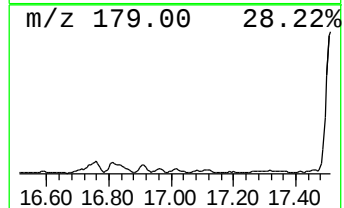
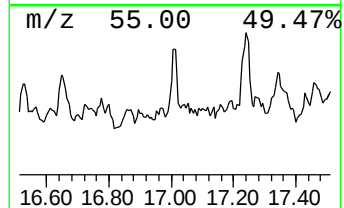
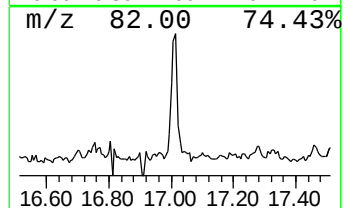
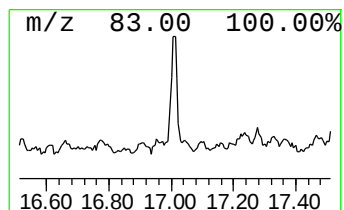
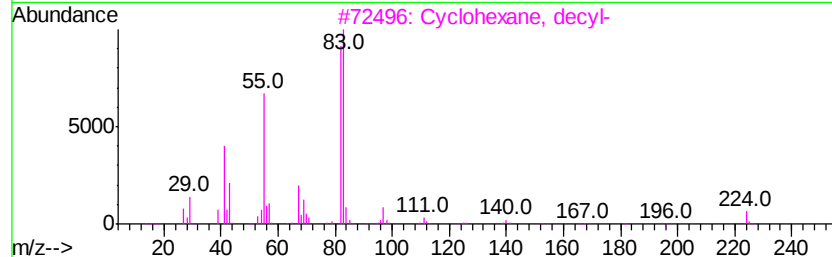
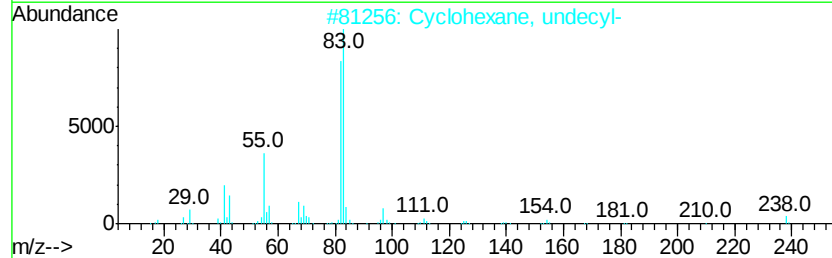
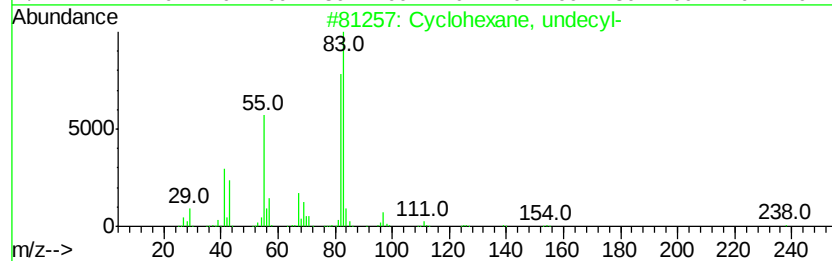
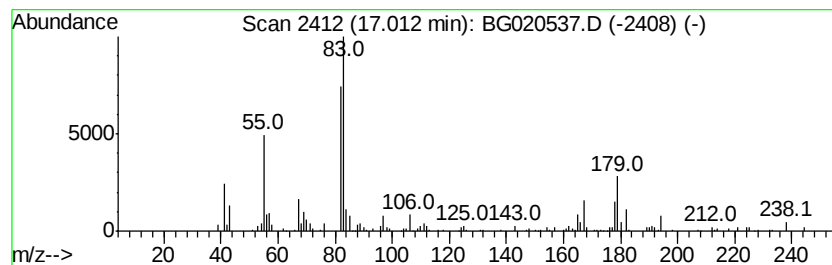
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic17.01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.33 ng/ul	60871	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	95
2			Cyclohexane, undecyl-	238	C17H34	054105-66-7	94
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	93
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	86
5			Heptylcyclohexane	182	C13H26	005617-41-4	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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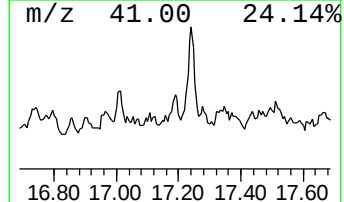
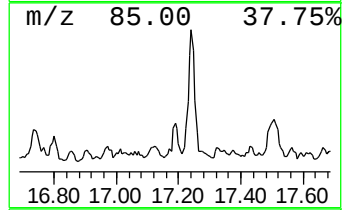
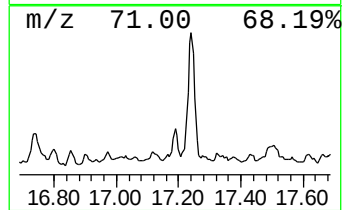
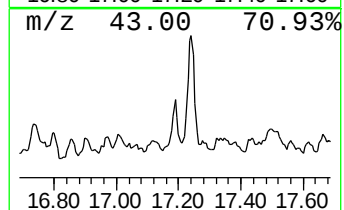
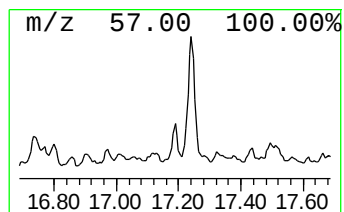
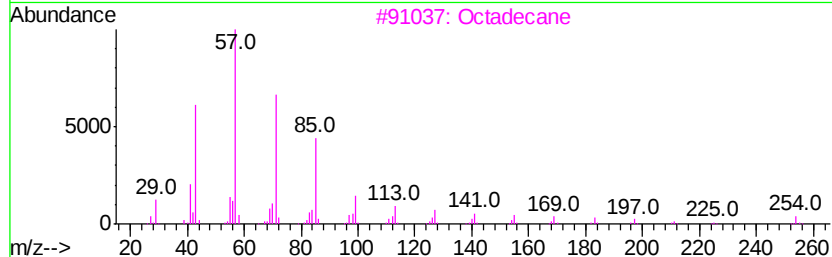
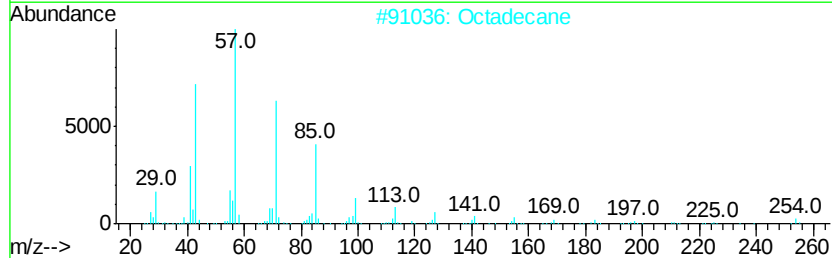
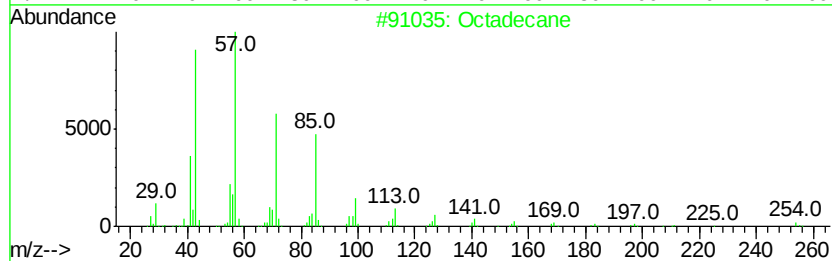
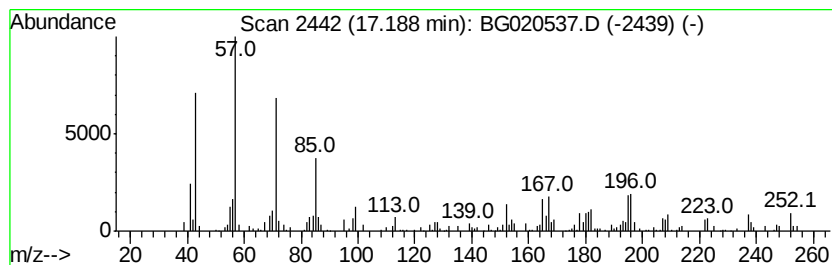
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	3.39 ng/ul	61989	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	66
2			Octadecane	254	C18H38	000593-45-3	60
3			Octadecane	254	C18H38	000593-45-3	46
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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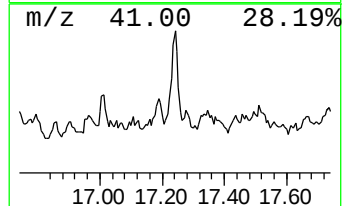
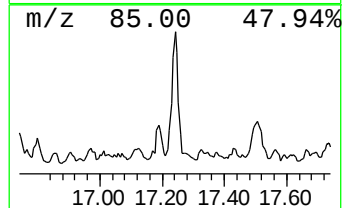
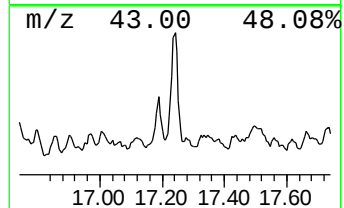
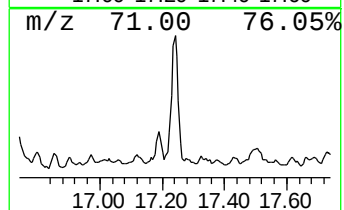
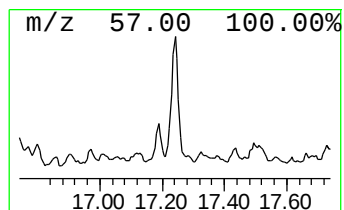
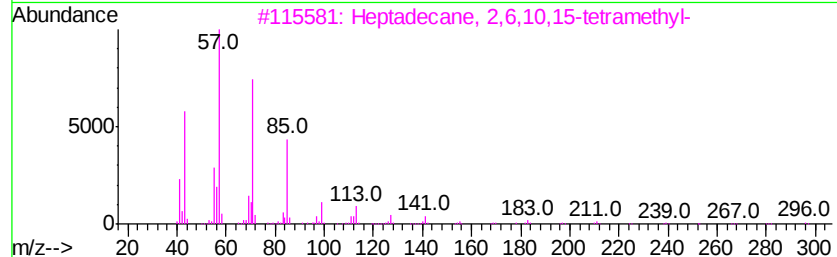
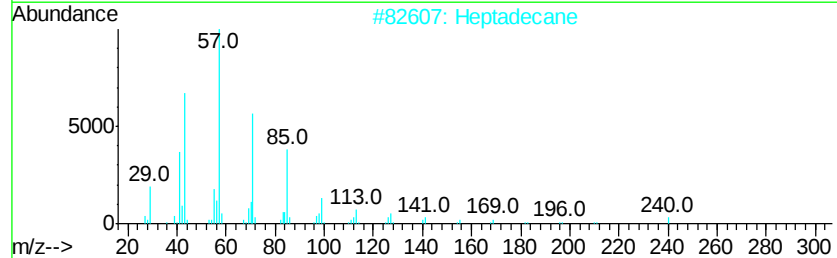
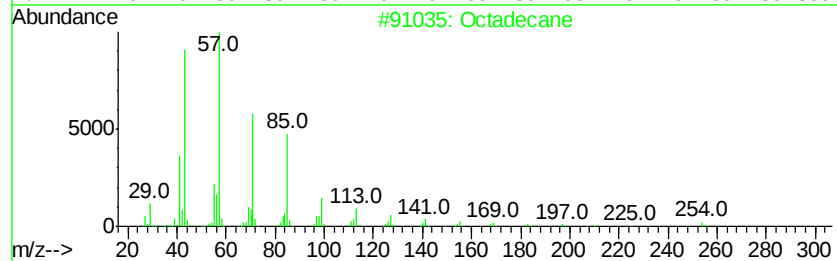
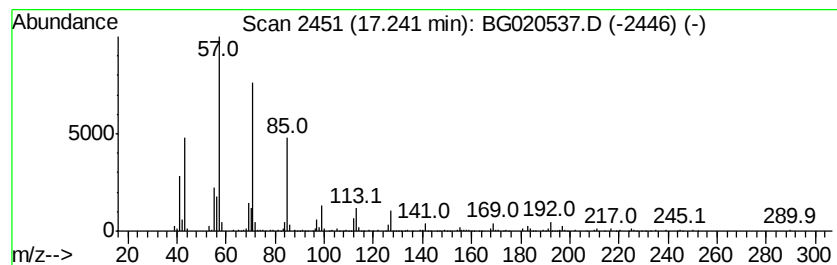
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	11.23 ng/ul	205410	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Tridecane	184	C13H28	000629-50-5	87
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
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Instrument :
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ClientSampleId :
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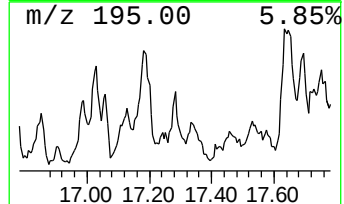
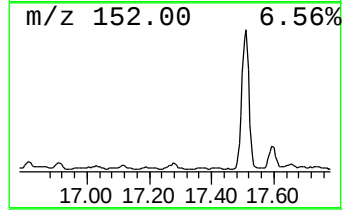
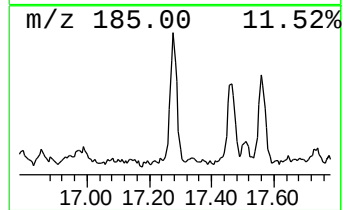
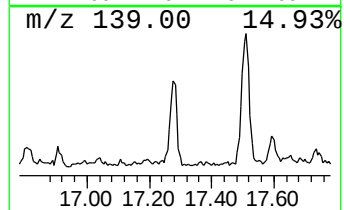
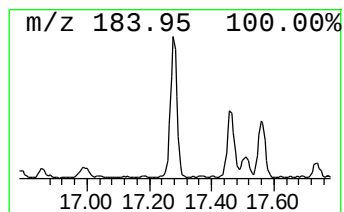
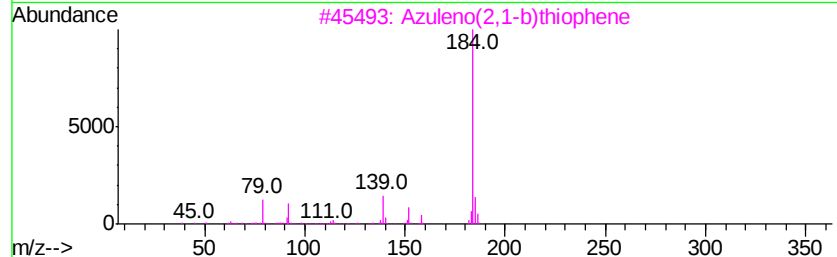
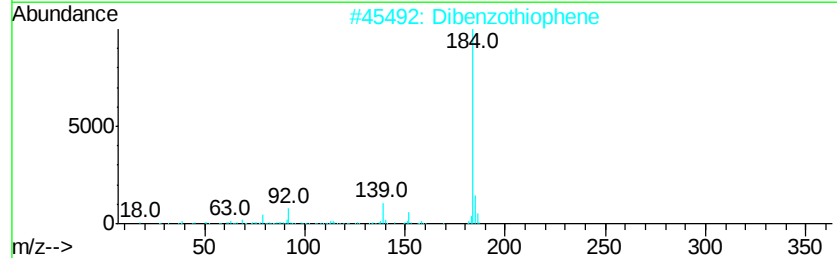
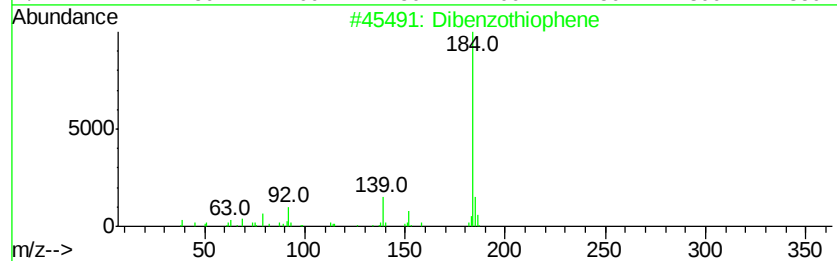
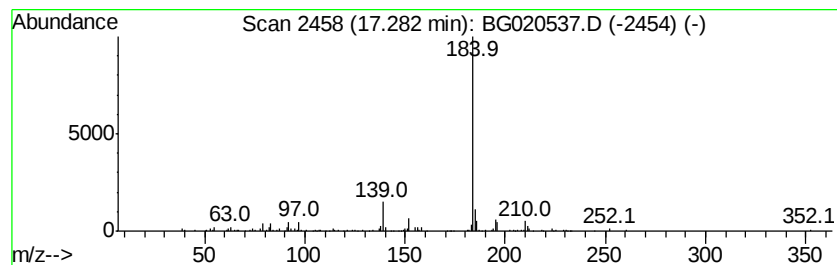
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	7.50 ng/ul	137216	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	87
2		Dibenzothiophene	184	C12H8S	000132-65-0	87
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
4		Dibenzothiophene	184	C12H8S	000132-65-0	83
5		Dibenzothiophene	184	C12H8S	000132-65-0	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D91

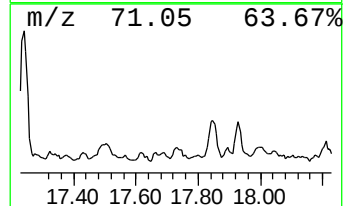
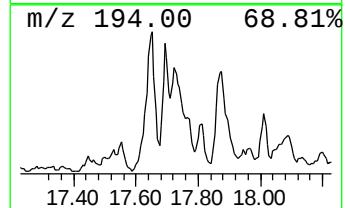
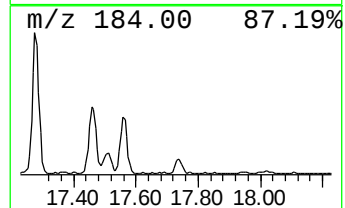
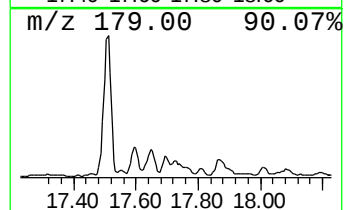
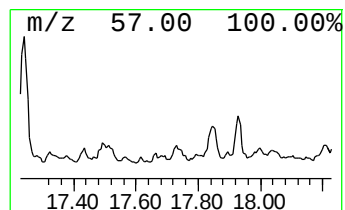
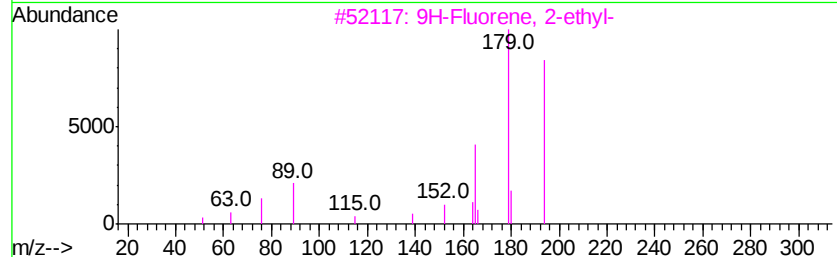
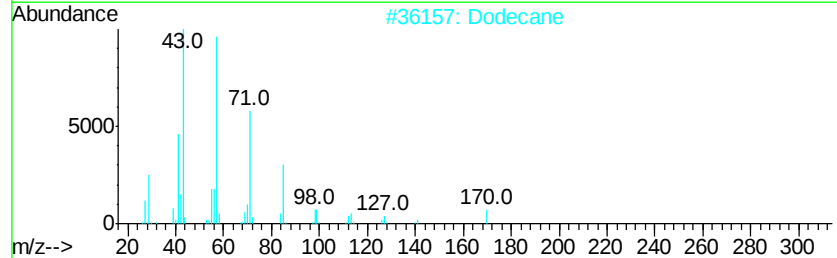
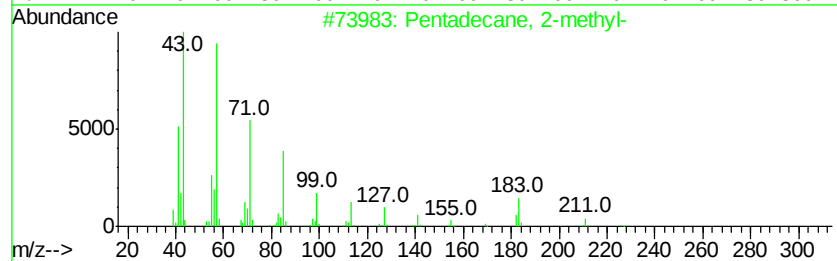
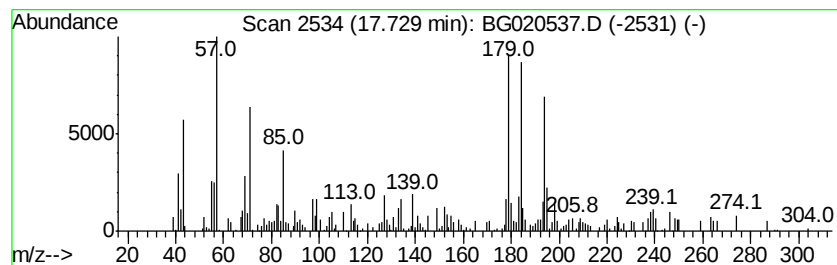
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	6.20 ng/ul	113466	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	42
2			Dodecane	170	C12H26	000112-40-3	25
3			9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	25
4			Dibenzothiophene	184	C12H8S	000132-65-0	25
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	15



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020537.D
Acq On : 26 Dec 2015 12:52
Operator : UM/SJ
Sample : G4802-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D91

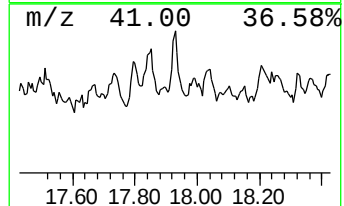
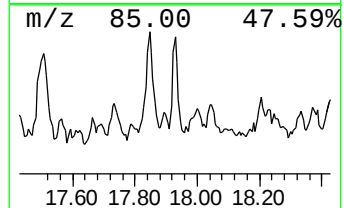
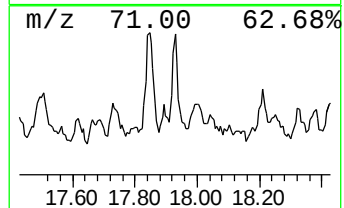
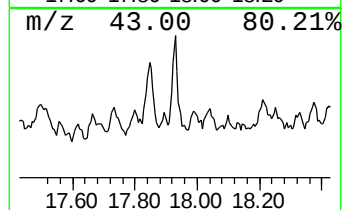
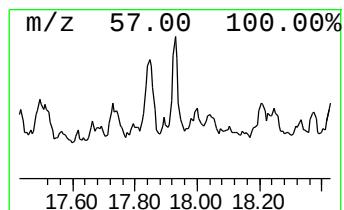
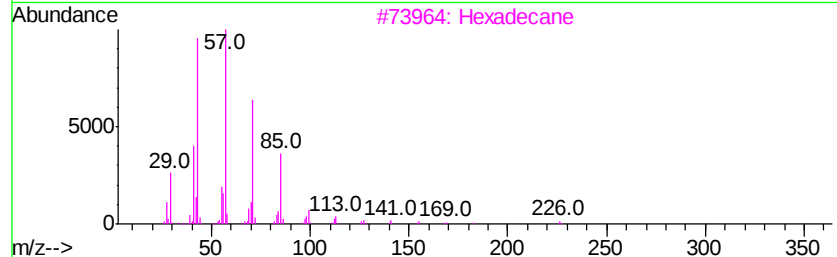
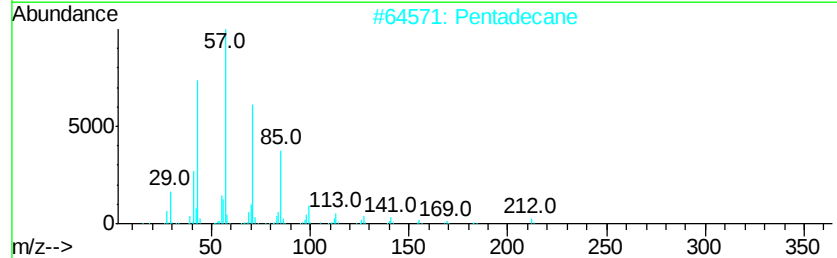
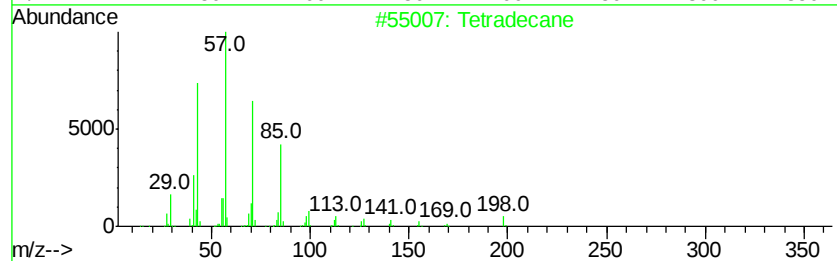
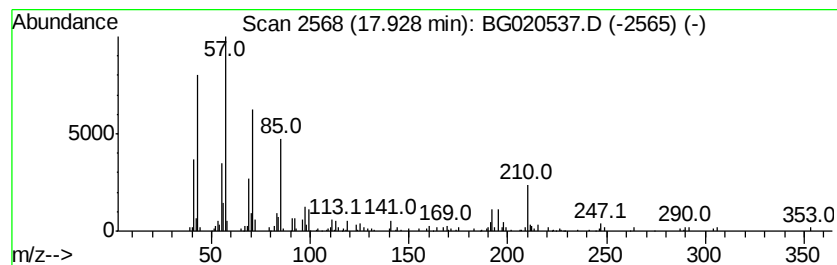
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.99 ng/ul	54681	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	83
2		Pentadecane	212	C15H32	000629-62-9	83
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tetradecane	198	C14H30	000629-59-4	64
5		Tetradecane	198	C14H30	000629-59-4	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020537.D
 Acq On : 26 Dec 2015 12:52
 Operator : UM/SJ
 Sample : G4802-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D91

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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...	3.18	3.0	ng/ul	20462	1	8.08	135376	20.0
Naphthalene, 1-me...	12.76	8.9	ng/ul	93048	2	10.90	208133	20.0
Naphthalene, 2,6-...	13.87	6.3	ng/ul	108190	3	14.71	344789	20.0
Naphthalene, 2,3-...	14.03	11.5	ng/ul	198010	3	14.71	344789	20.0
Naphthalene, 1,3-...	14.27	6.9	ng/ul	119304	3	14.71	344789	20.0
(DEL) Alkane: Str...	14.59	2.2	ng/ul	38261	3	14.71	344789	20.0
Naphthalene, 1,6,...	15.18	5.9	ng/ul	102161	3	14.71	344789	20.0
Naphthalene, 2,3,...	15.33	7.2	ng/ul	124145	3	14.71	344789	20.0
(DEL) Alkane: Str...	15.53	4.8	ng/ul	82985	3	14.71	344789	20.0
1H-Phenalene	15.58	5.4	ng/ul	93503	3	14.71	344789	20.0
(DEL) Alkane: Cyc...	15.64	3.8	ng/ul	65001	3	14.71	344789	20.0
(DEL) Alkane: Str...	15.94	19.7	ng/ul	339763	3	14.71	344789	20.0
unknown-01	16.04	4.4	ng/ul	75308	3	14.71	344789	20.0
(DEL) Alkane: Str...	16.42	25.4	ng/ul	464423	4	17.46	365797	20.0
(DEL) Alkane: Cyc...	16.52	2.7	ng/ul	49078	4	17.46	365797	20.0
Naphthalene, 1,2,...	16.57	3.6	ng/ul	66340	4	17.46	365797	20.0
9H-Fluorene, 1-me...	16.76	17.9	ng/ul	327154	4	17.46	365797	20.0
unknown-02	16.85	4.4	ng/ul	81139	4	17.46	365797	20.0
9H-Fluorene, 2-me...	16.91	9.3	ng/ul	169714	4	17.46	365797	20.0
(DEL) Alkane: Cyc...	17.01	3.3	ng/ul	60871	4	17.46	365797	20.0
(DEL) Alkane: Str...	17.19	3.4	ng/ul	61989	4	17.46	365797	20.0
(DEL) Alkane: Str...	17.24	11.2	ng/ul	205410	4	17.46	365797	20.0
Dibenzothiophene	17.28	7.5	ng/ul	137216	4	17.46	365797	20.0
(DEL) Alkane: Str...	17.73	6.2	ng/ul	113466	4	17.46	365797	20.0
(DEL) Alkane: Str...	17.93	3.0	ng/ul	54681	4	17.46	365797	20.0