

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020538.D
 Acq On : 26 Dec 2015 13:32
 Operator : UM/SJ
 Sample : G4802-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D92

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	3.100	38	44	47	rBV4	9610	19484	2.28%	0.184%
2	3.176	52	57	63	rVV	22960	35141	4.12%	0.332%
3	3.987	191	195	202	rVB2	5968	8562	1.00%	0.081%
4	4.210	229	233	241	rVB	5591	8809	1.03%	0.083%
5	7.236	740	748	760	rBB	51621	92852	10.89%	0.877%
6	7.395	769	775	789	rBV	41856	70197	8.23%	0.663%
7	7.606	805	811	821	rBB	53581	91413	10.72%	0.863%
8	8.076	885	891	898	rBV	64866	104972	12.31%	0.991%
9	8.787	1005	1012	1020	rBV	53752	91082	10.68%	0.860%
10	9.245	1083	1090	1102	rBB	55426	96569	11.32%	0.912%
11	9.974	1207	1214	1223	rVB	46868	85543	10.03%	0.808%
12	10.514	1297	1306	1316	rVB	74580	129366	15.17%	1.222%
13	10.891	1362	1370	1375	rBV	94015	166385	19.51%	1.571%
14	10.943	1375	1379	1387	rVB	27874	48044	5.63%	0.454%
15	11.032	1387	1394	1408	rBV	48452	91431	10.72%	0.863%
16	12.542	1646	1651	1658	rVB	22984	36105	4.23%	0.341%
17	12.759	1683	1688	1694	rBB	10176	16859	1.98%	0.159%
18	13.517	1810	1817	1820	rBV2	7523	11109	1.30%	0.105%
19	13.869	1873	1877	1887	rVB5	5048	13069	1.53%	0.123%
20	14.034	1898	1905	1910	rBV3	7592	13827	1.62%	0.131%
21	14.110	1910	1918	1922	rBV	140853	207828	24.36%	1.963%
22	14.157	1922	1926	1933	rVB	69680	110430	12.95%	1.043%
23	14.269	1940	1945	1953	rVB4	5414	9874	1.16%	0.093%
24	14.404	1962	1968	1973	rBV	167034	299882	35.16%	2.832%
25	14.586	1994	1999	2003	rBV	18616	24369	2.86%	0.230%
26	14.710	2015	2020	2027	rVB2	160869	262162	30.73%	2.476%
27	14.915	2049	2055	2067	rBV2	44984	84077	9.86%	0.794%
28	15.091	2079	2085	2086	rBV4	5453	7887	0.92%	0.074%
29	15.197	2101	2103	2109	rVB6	7167	10166	1.19%	0.096%
30	15.309	2118	2122	2129	rBV5	4729	10166	1.19%	0.096%
31	15.468	2146	2149	2156	rBV5	3967	9928	1.16%	0.094%
32	15.532	2156	2160	2164	rVB	34690	41823	4.90%	0.395%
33	15.579	2164	2168	2174	rBV	12573	19072	2.24%	0.180%
34	15.703	2182	2189	2195	rBV	238903	355968	41.73%	3.362%

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35	15.826	2205	2210	2216	rVB	55224	79210	9.29%	0.748%
36	15.938	2223	2229	2234	rBV3	23224	41318	4.84%	0.390%
37	15.979	2234	2236	2241	rVB6	5767	6402	0.75%	0.060%
38	16.032	2241	2245	2249	rBV7	4944	8801	1.03%	0.083%
39	16.090	2252	2255	2262	rBV4	6070	8585	1.01%	0.081%
40	16.155	2262	2266	2270	rBV5	5858	8565	1.00%	0.081%
41	16.343	2295	2298	2302	rVB5	3700	6338	0.74%	0.060%
42	16.396	2302	2307	2309	rBV	48849	70551	8.27%	0.666%
43	16.743	2361	2366	2368	rBV5	7680	12486	1.46%	0.118%
44	16.854	2381	2385	2388	rBV5	4650	6743	0.79%	0.064%
45	16.907	2390	2394	2400	rVB8	8181	12630	1.48%	0.119%
46	16.983	2400	2407	2410	rBV8	9482	23814	2.79%	0.225%
47	17.030	2413	2415	2422	rVV4	9448	16734	1.96%	0.158%
48	17.113	2425	2429	2433	rVV3	8025	13758	1.61%	0.130%
49	17.183	2437	2441	2445	rVV	40660	52835	6.19%	0.499%
50	17.236	2445	2450	2454	rVV2	18688	30367	3.56%	0.287%
51	17.277	2454	2457	2461	rVB2	9627	11549	1.35%	0.109%
52	17.459	2481	2488	2492	rBV2	228061	349554	40.98%	3.301%
53	17.500	2492	2495	2499	rVV	52425	73527	8.62%	0.694%
54	17.559	2499	2505	2514	rVV	253547	411811	48.28%	3.889%
55	17.653	2516	2521	2525	rVB6	8252	15626	1.83%	0.148%
56	17.923	2563	2567	2573	rBV2	39165	57094	6.69%	0.539%
57	17.976	2573	2576	2582	rVV7	6954	10935	1.28%	0.103%
58	18.035	2582	2586	2591	rVV3	10102	15993	1.87%	0.151%
59	18.135	2600	2603	2609	rBV7	7663	11796	1.38%	0.111%
60	18.329	2632	2636	2640	rBV	22026	33413	3.92%	0.316%
61	18.376	2640	2644	2648	rVB	29663	44370	5.20%	0.419%
62	18.429	2650	2653	2656	rVV3	10150	14160	1.66%	0.134%
63	18.458	2656	2658	2664	rVV3	9530	14496	1.70%	0.137%
64	18.529	2664	2670	2674	rVV2	37723	80456	9.43%	0.760%
65	18.564	2674	2676	2680	rVV2	16653	18821	2.21%	0.178%
66	18.611	2681	2684	2691	rVB3	17018	30337	3.56%	0.286%
67	18.728	2700	2704	2709	rBV4	9744	15525	1.82%	0.147%
68	18.822	2716	2720	2724	rVB3	18104	26200	3.07%	0.247%
69	18.869	2725	2728	2738	rVB8	16331	35978	4.22%	0.340%
70	19.046	2754	2758	2760	rBV5	10247	17338	2.03%	0.164%
71	19.122	2768	2771	2774	rVB2	12411	14513	1.70%	0.137%

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72	19.157	2774	2777	2780	rBV2	9570	13632	1.60%	0.129%
73	19.240	2786	2791	2796	rBV2	66137	114538	13.43%	1.082%
74	19.298	2799	2801	2805	rVB4	16850	24343	2.85%	0.230%
75	19.386	2811	2816	2828	rBV4	53317	127862	14.99%	1.207%
76	19.504	2832	2836	2841	rVB	140756	198785	23.30%	1.877%
77	19.563	2842	2846	2850	rBV3	16948	27399	3.21%	0.259%
78	19.598	2850	2852	2856	rVB4	14183	17188	2.02%	0.162%
79	19.657	2858	2862	2865	rBV	35039	48653	5.70%	0.459%
80	19.774	2878	2882	2886	rVB	59830	84394	9.89%	0.797%
81	19.839	2888	2893	2896	rVV	324261	519962	60.96%	4.910%
82	19.868	2896	2898	2905	rVV	332093	420001	49.24%	3.966%
83	19.933	2905	2909	2915	rVB3	34234	59554	6.98%	0.562%
84	20.097	2933	2937	2942	rVB2	26136	38700	4.54%	0.365%
85	20.191	2947	2953	2960	rVV3	57425	148179	17.37%	1.399%
86	20.350	2971	2980	2985	rVB3	76263	224152	26.28%	2.117%
87	20.515	3004	3008	3012	rBV	86526	117475	13.77%	1.109%
88	20.656	3028	3032	3036	rBV	114432	154765	18.14%	1.462%
89	20.703	3036	3040	3043	rVV	72203	90478	10.61%	0.854%
90	21.731	3207	3215	3220	rBV2	335418	852995	100.00%	8.055%
91	21.778	3220	3223	3235	rVB	179026	326847	38.32%	3.087%
92	22.001	3257	3261	3276	rVB3	67022	167621	19.65%	1.583%
93	22.471	3333	3341	3347	rBV	87957	206304	24.19%	1.948%
94	22.747	3385	3388	3392	rBV	29654	42337	4.96%	0.400%
95	23.963	3588	3595	3604	rBV3	124247	450178	52.78%	4.251%
96	24.228	3634	3640	3649	rVB	50445	133118	15.61%	1.257%
97	24.698	3714	3720	3727	rBV	110854	286825	33.63%	2.709%
98	24.786	3728	3735	3740	rVV	166644	461800	54.14%	4.361%
99	24.851	3741	3746	3756	rVB2	179534	464627	54.47%	4.388%
100	25.003	3764	3772	3781	rVB	137778	379213	44.46%	3.581%

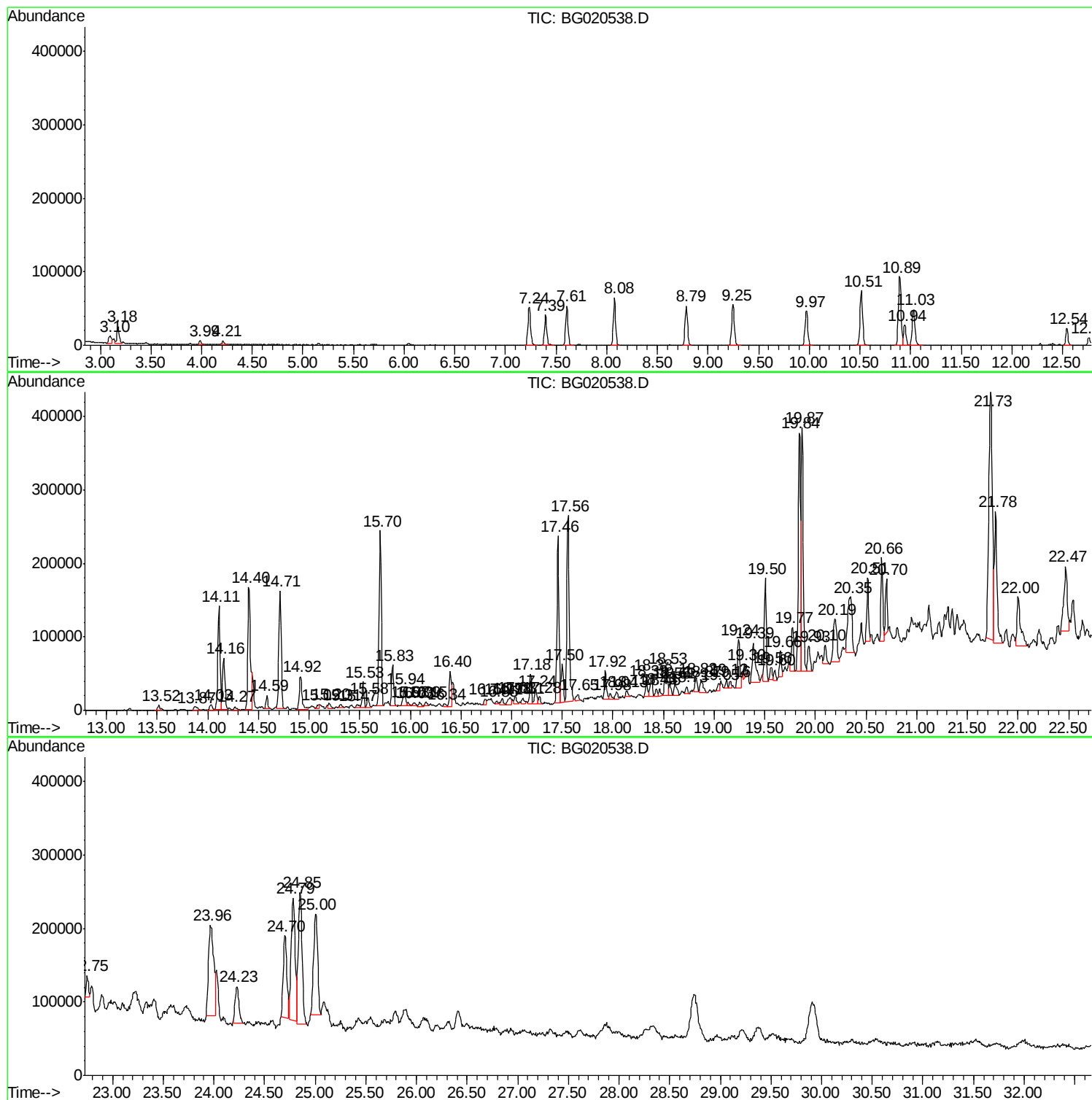
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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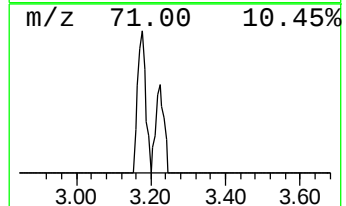
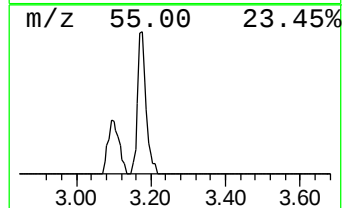
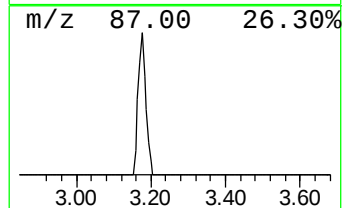
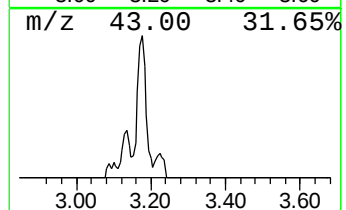
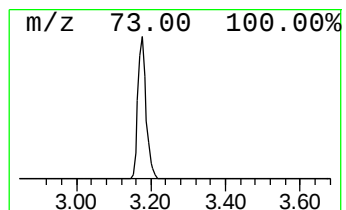
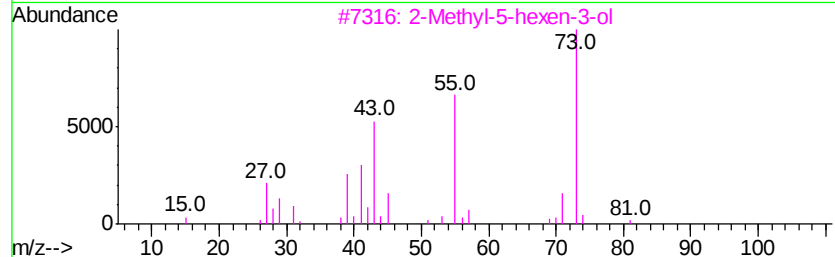
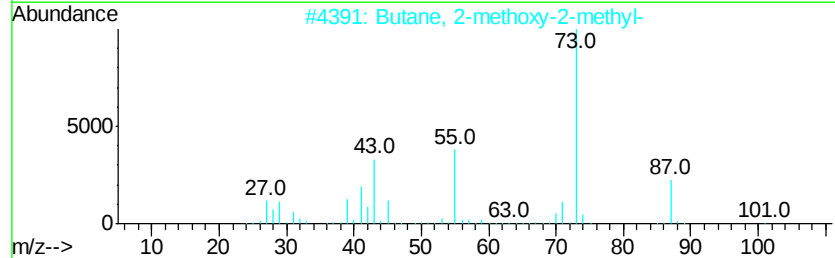
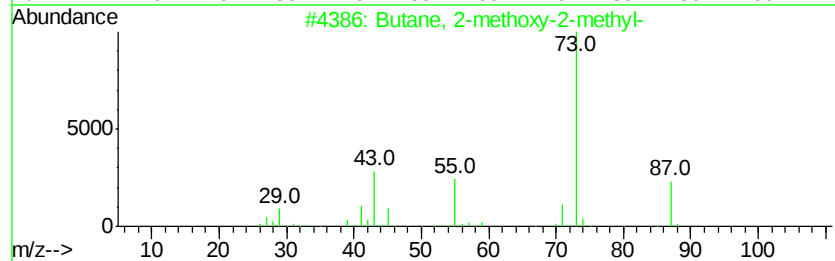
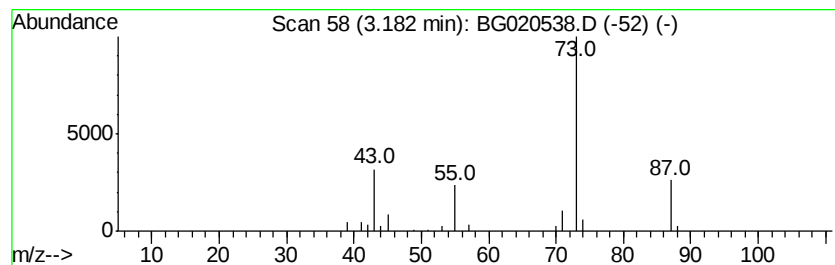
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	6.70 ng/ul	35141	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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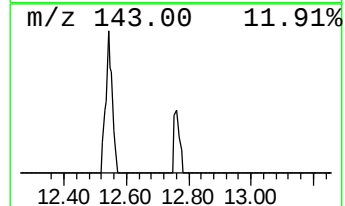
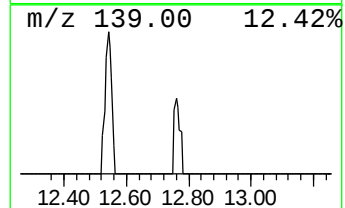
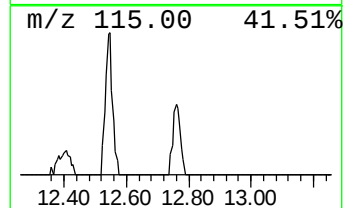
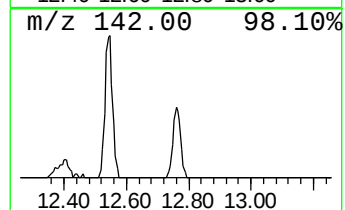
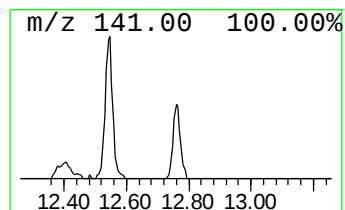
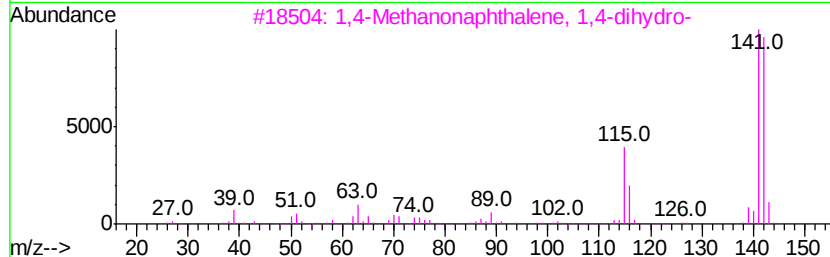
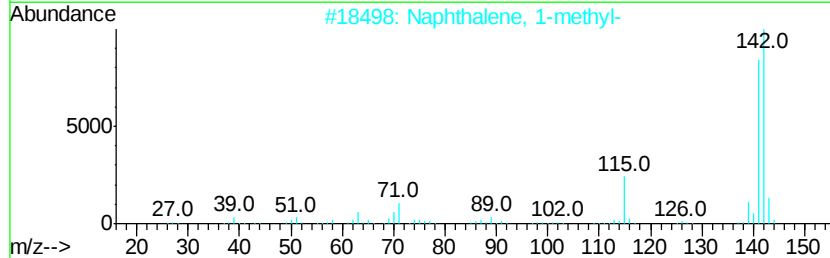
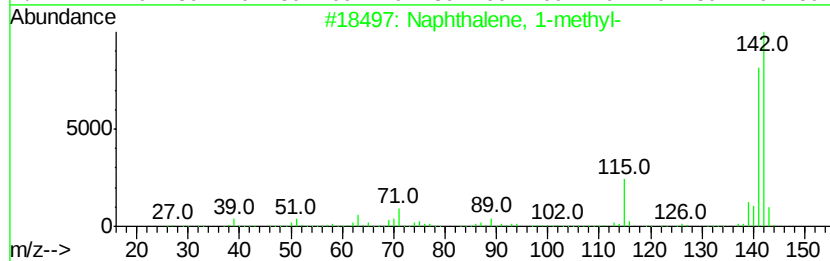
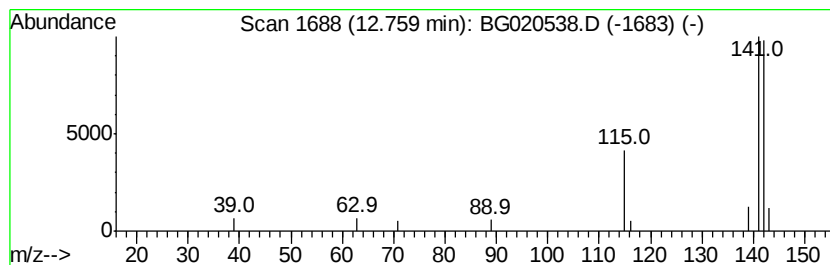
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.03 ng/ul	16859	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	90
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



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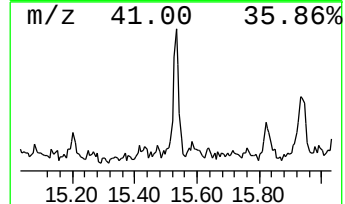
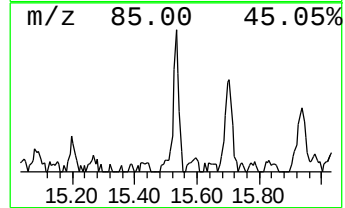
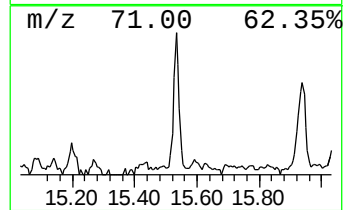
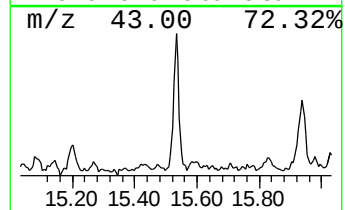
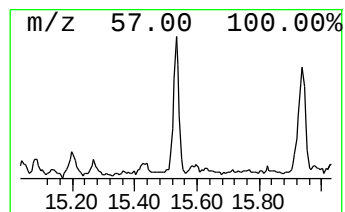
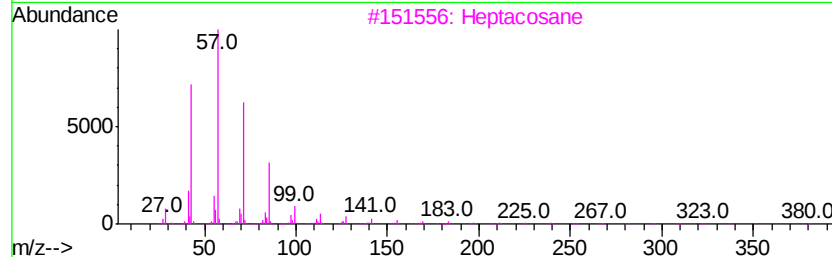
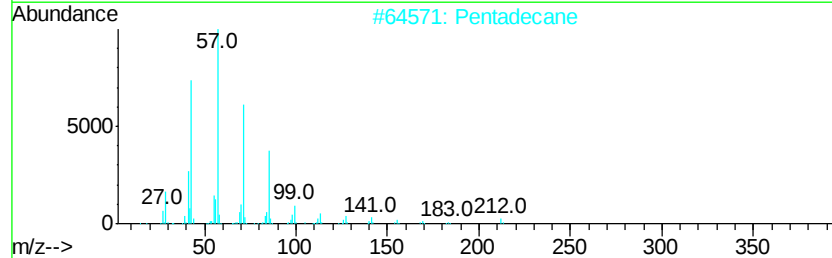
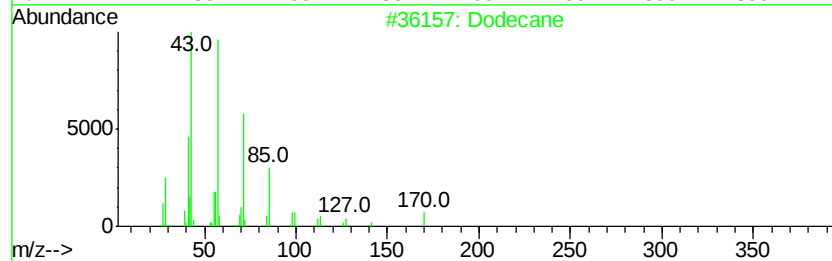
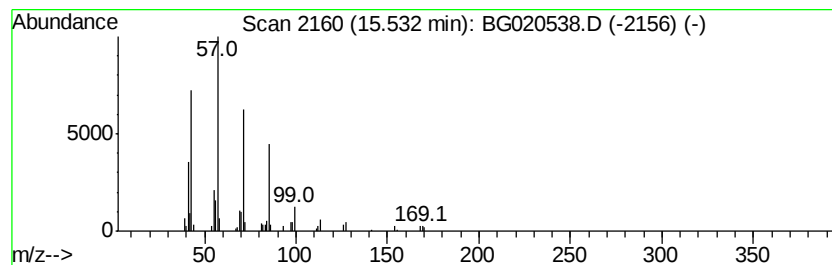
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.19 ng/ul	41823	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D92

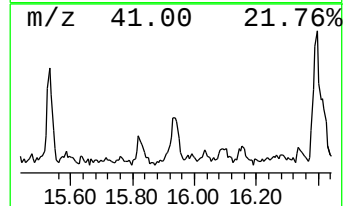
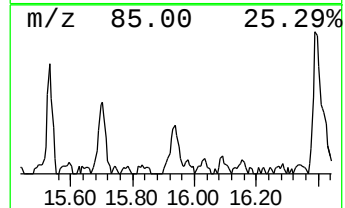
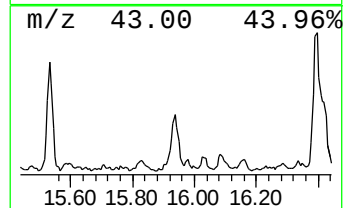
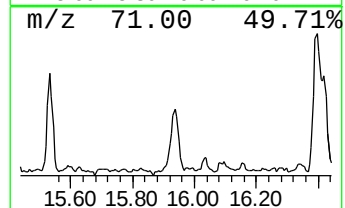
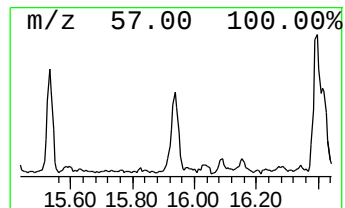
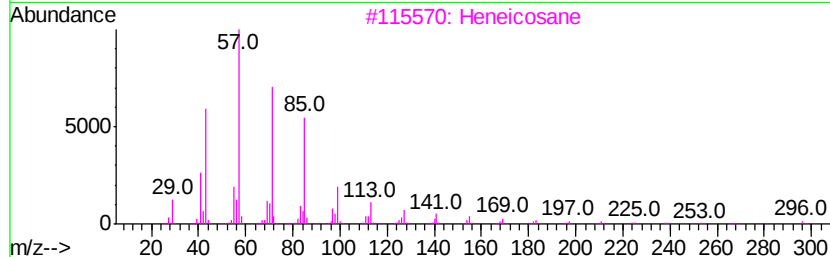
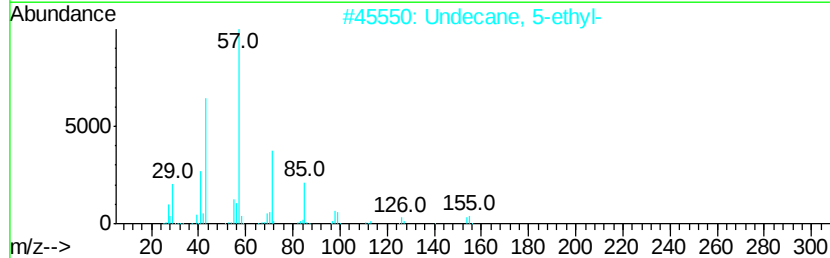
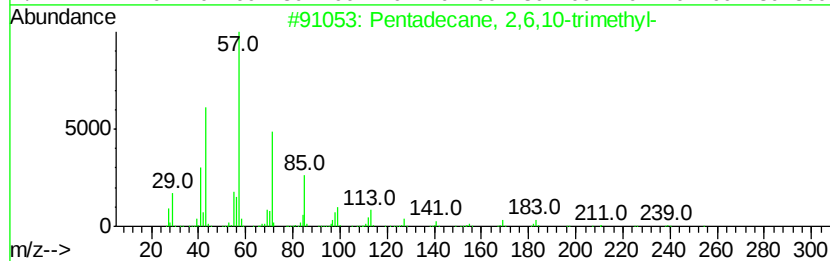
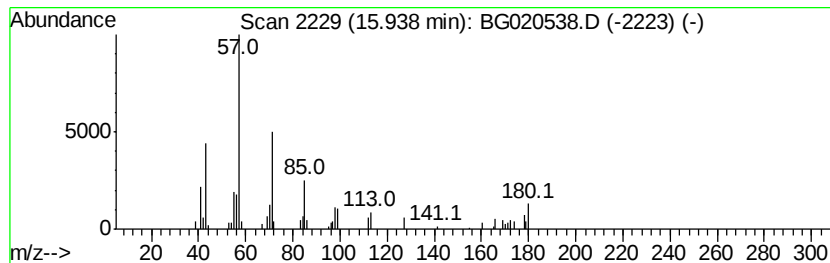
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.15 ng/ul	41318	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
3	Heneicosane	296	C21H44	000629-94-7	53
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
5	Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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Sample : G4802-17
Misc :
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Instrument :
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ClientSampleId :
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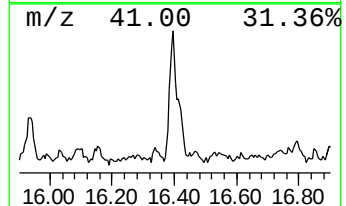
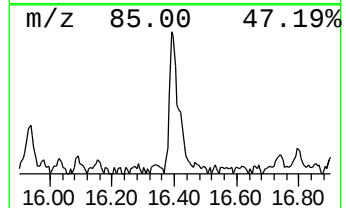
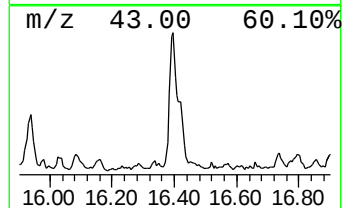
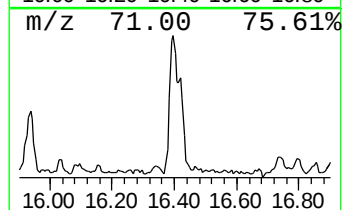
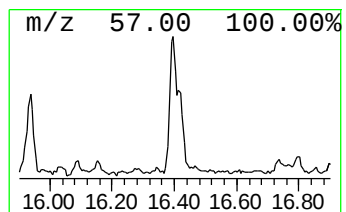
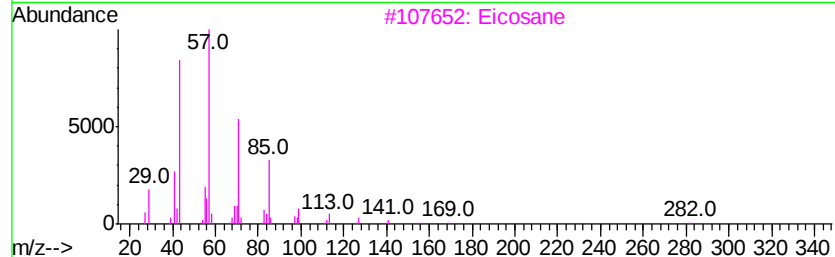
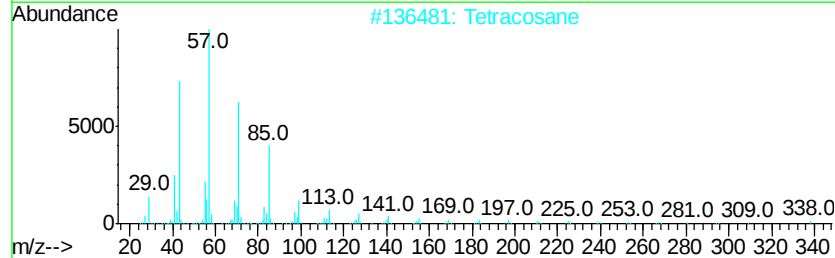
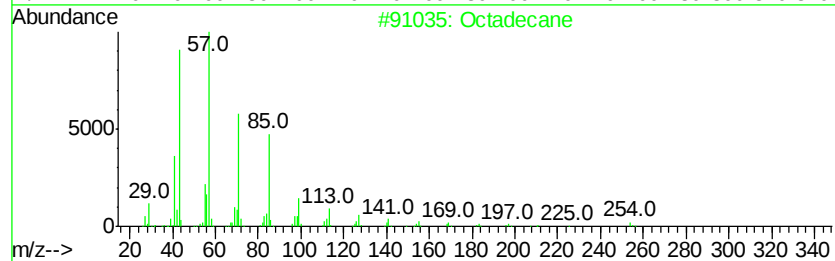
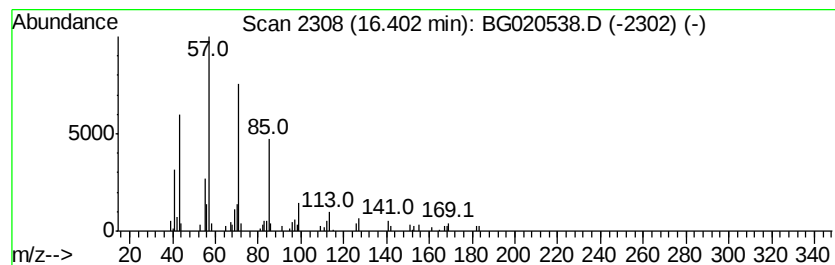
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	4.04 ng/ul	70551	Phenanthrene-d10	17.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Eicosane	282	C20H42	000112-95-8	91
4			10-Methylnonadecane	282	C20H42	056862-62-5	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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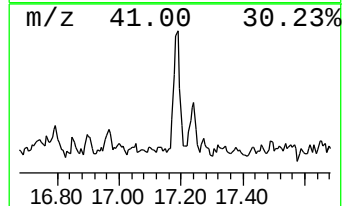
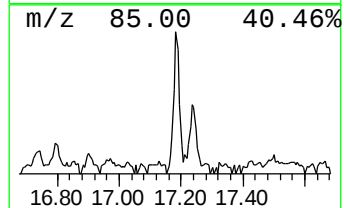
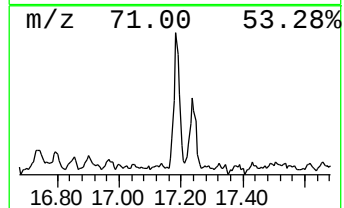
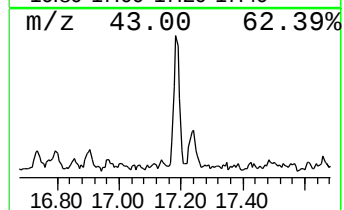
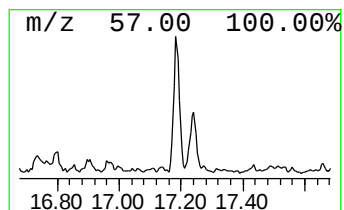
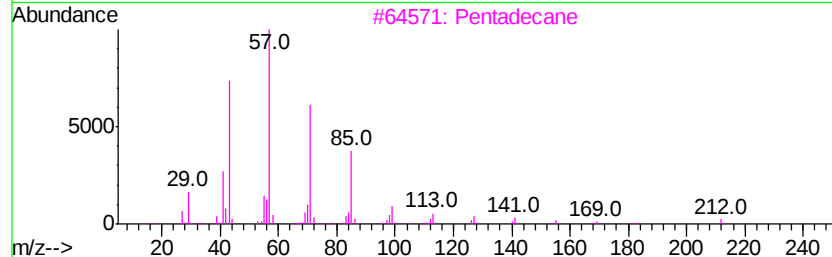
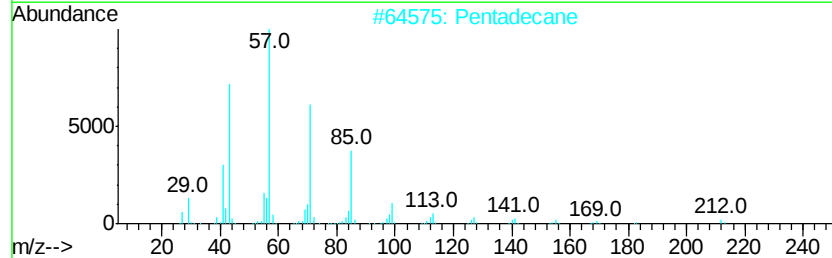
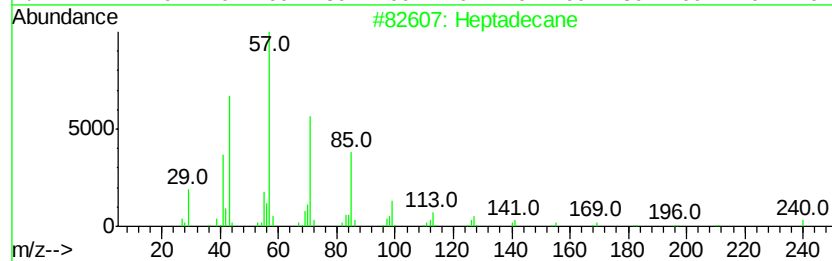
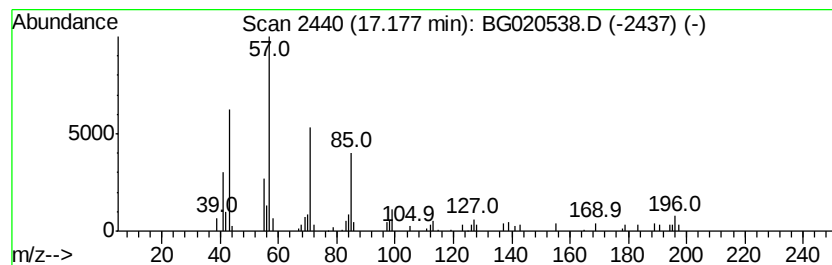
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	3.02 ng/ul	52835	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Pentadecane	212	C15H32	000629-62-9	83
3		Pentadecane	212	C15H32	000629-62-9	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonacosane	408	C29H60	000630-03-5	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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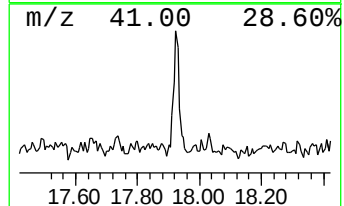
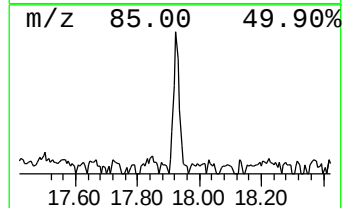
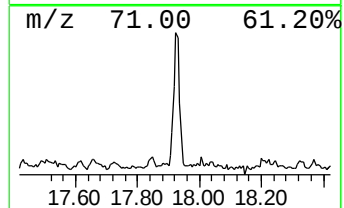
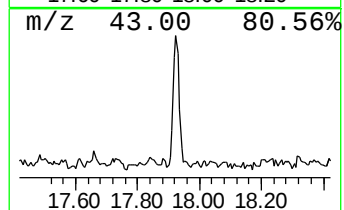
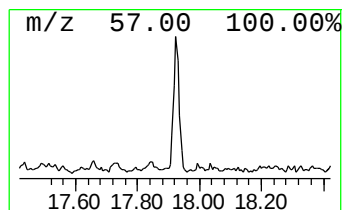
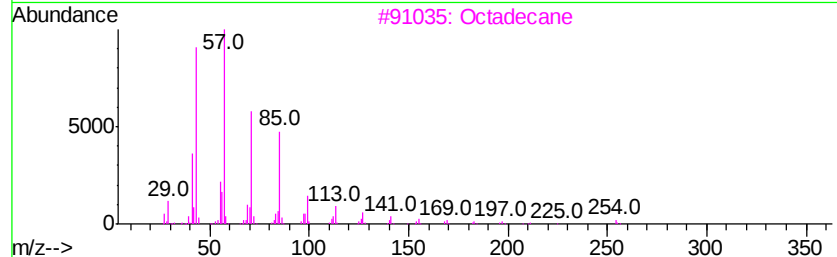
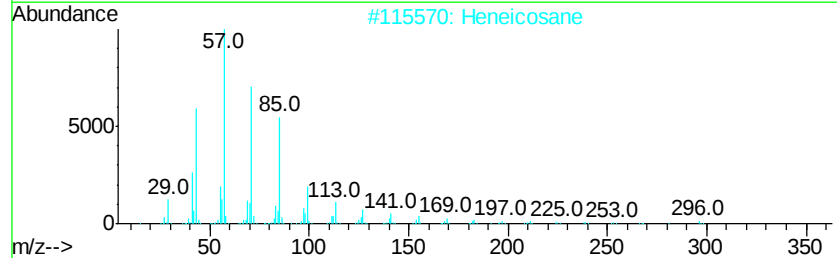
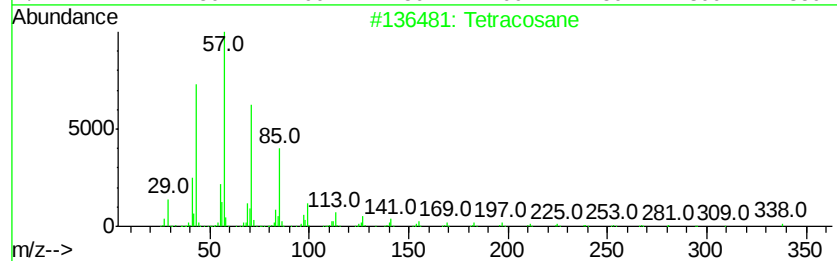
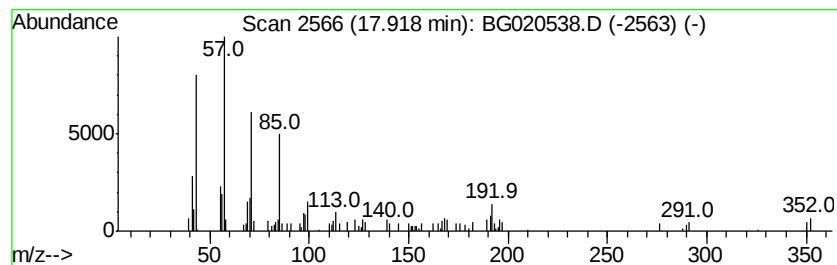
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.27 ng/ul	57094	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	68
2		Heneicosane	296	C21H44	000629-94-7	68
3		Octadecane	254	C18H38	000593-45-3	68
4		Nonadecane	268	C19H40	000629-92-5	68
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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Sample : G4802-17
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Instrument :
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ClientSampleId :
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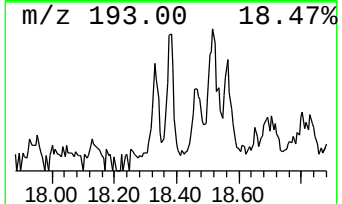
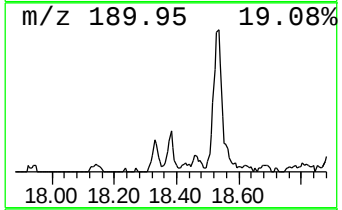
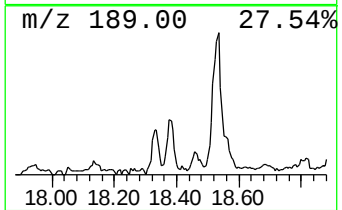
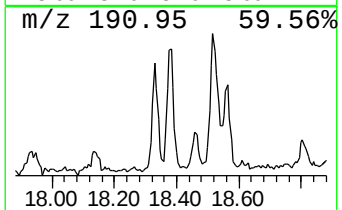
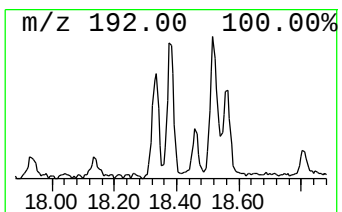
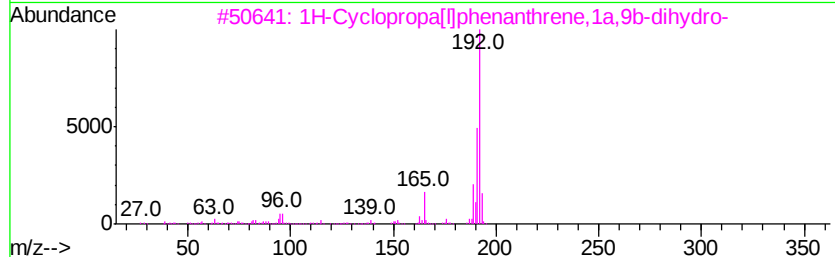
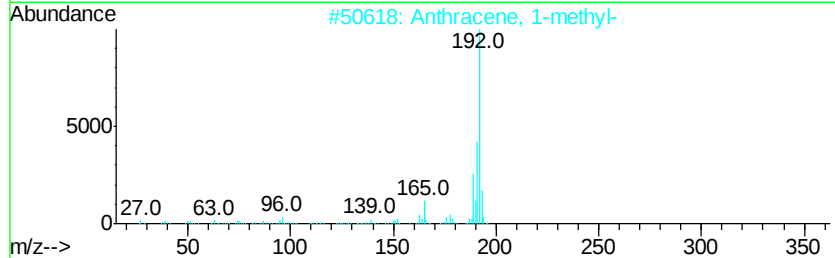
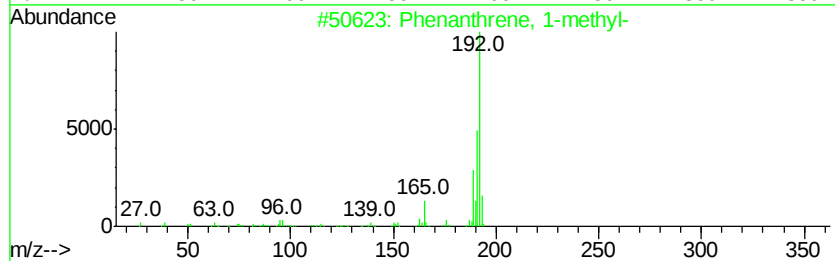
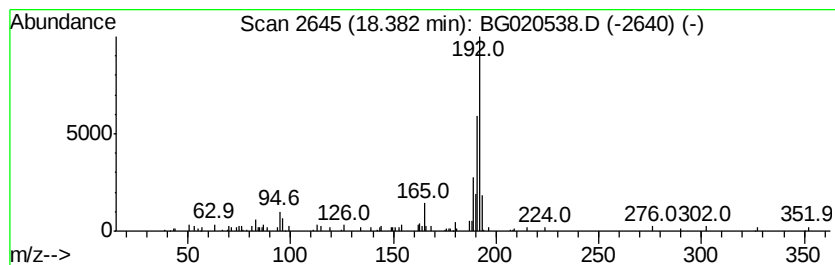
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.54 ng/ul	44370	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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Sample : G4802-17
Misc :
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Instrument :
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ClientSampleId :
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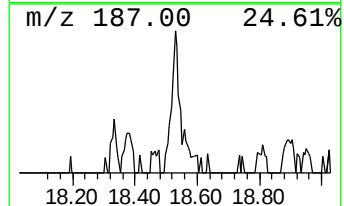
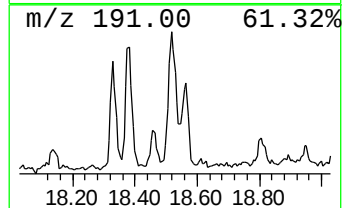
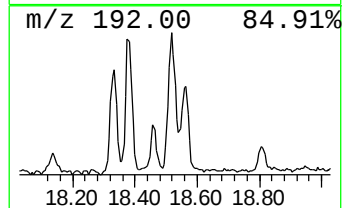
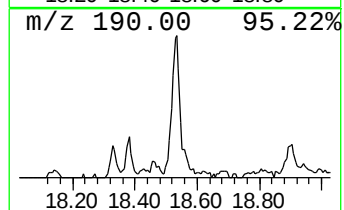
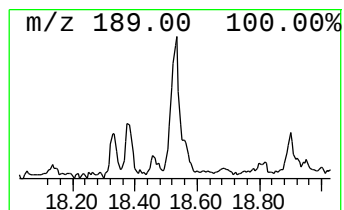
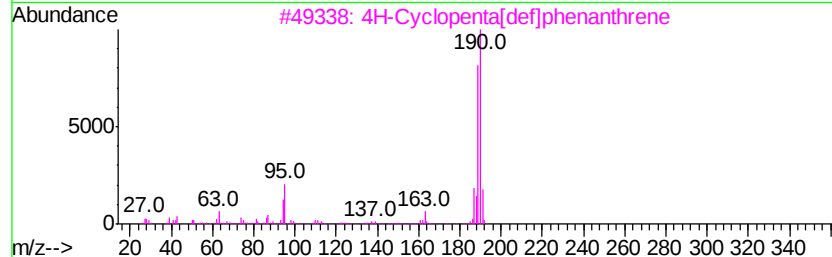
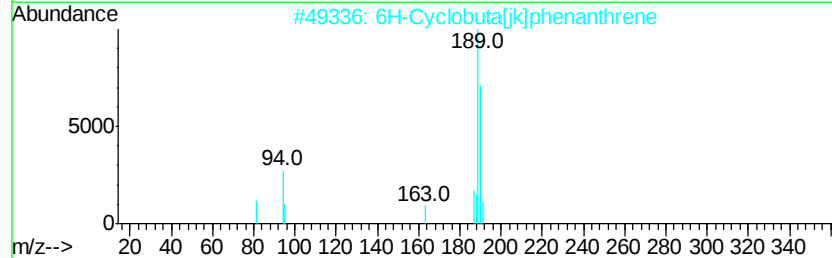
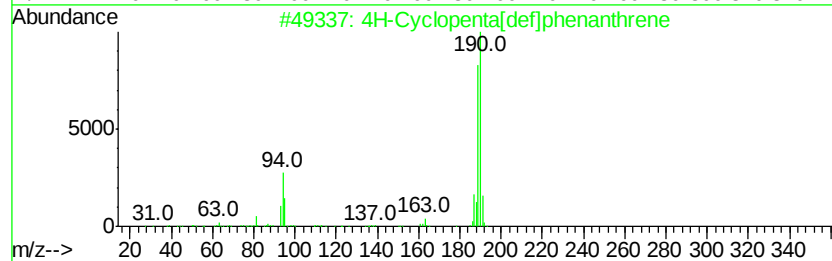
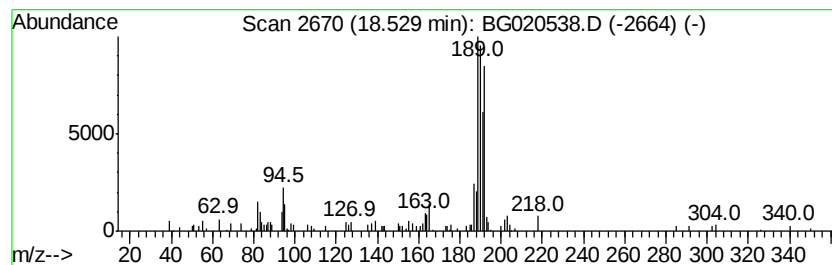
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.60 ng/ul	80456	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		6H-Cyclobuta[ijk]phenanthrene	190	C15H10	083469-43-6	46
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		Bromoacetic acid, 2-bromo-4-fluo...	310	C8H5Br2F02	1000293-66-3	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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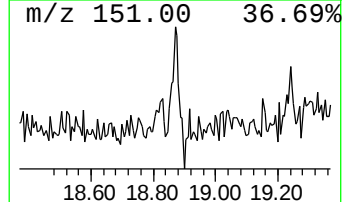
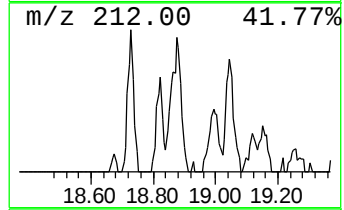
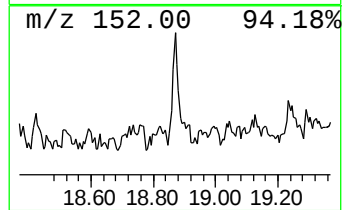
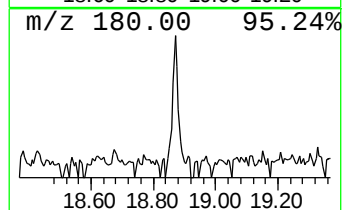
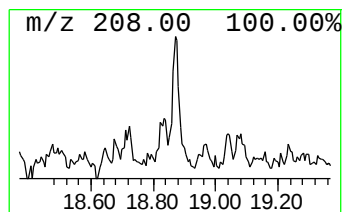
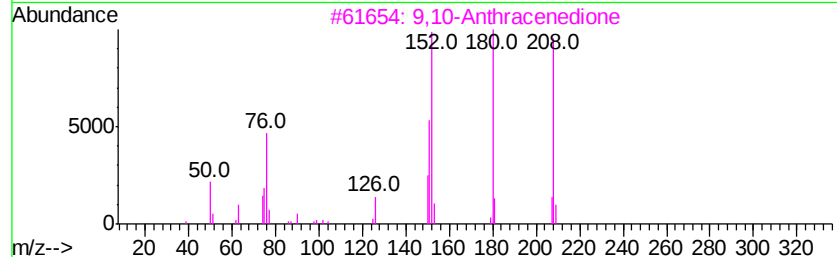
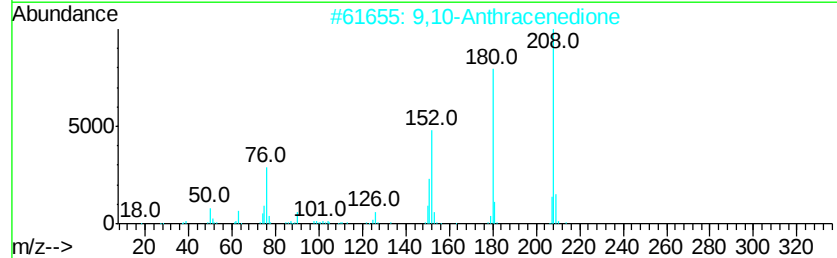
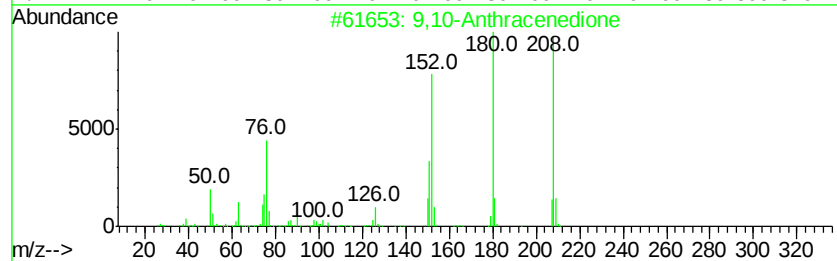
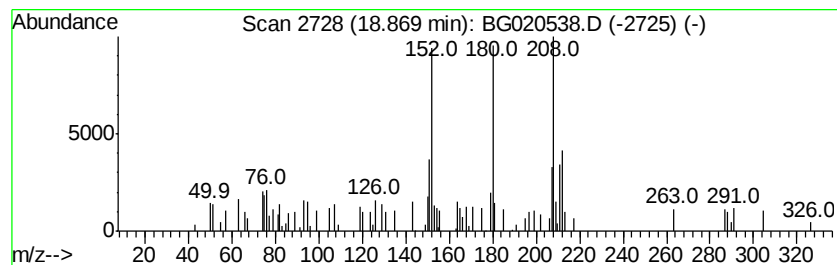
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.06 ng/ul	35978	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	55
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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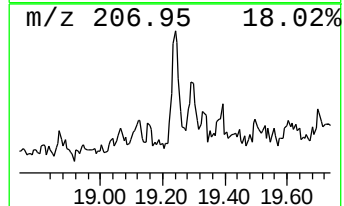
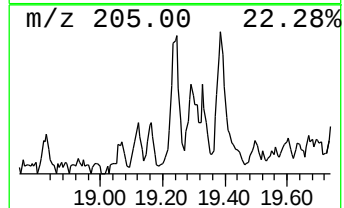
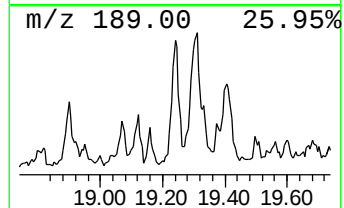
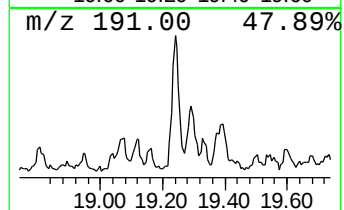
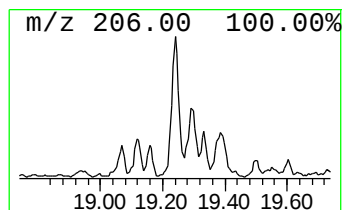
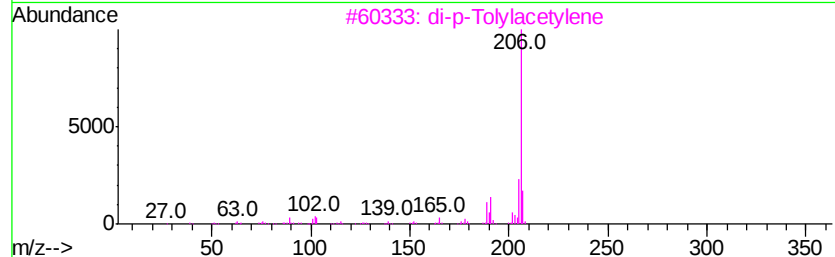
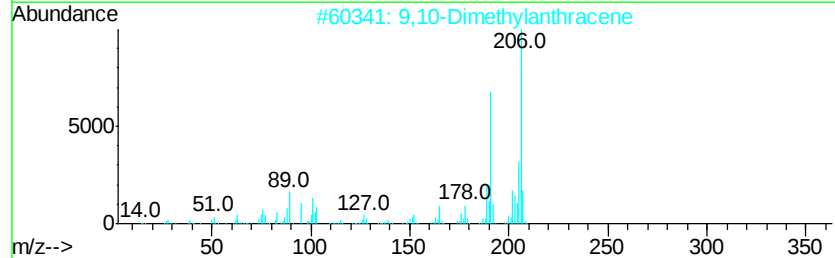
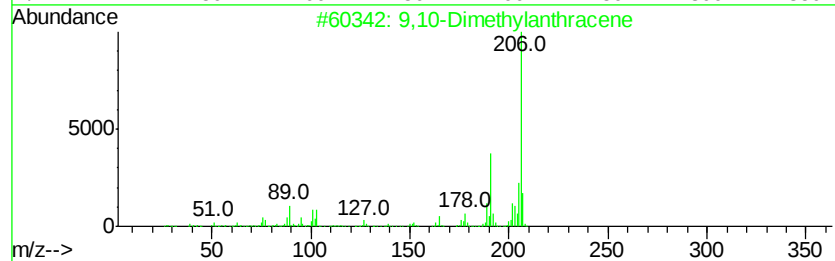
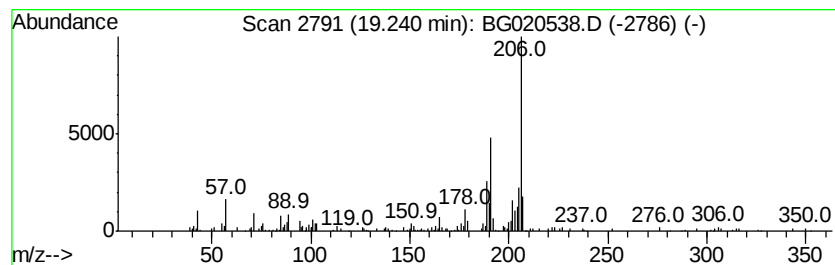
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	6.55 ng/ul	114538	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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ClientSampleId :
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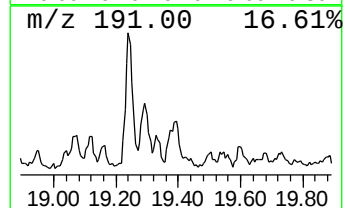
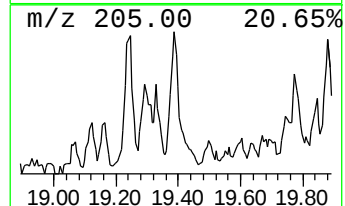
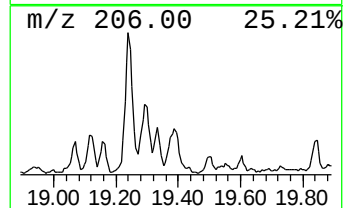
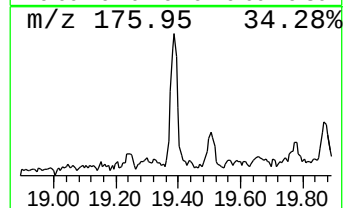
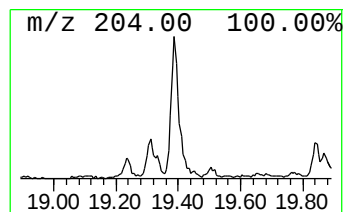
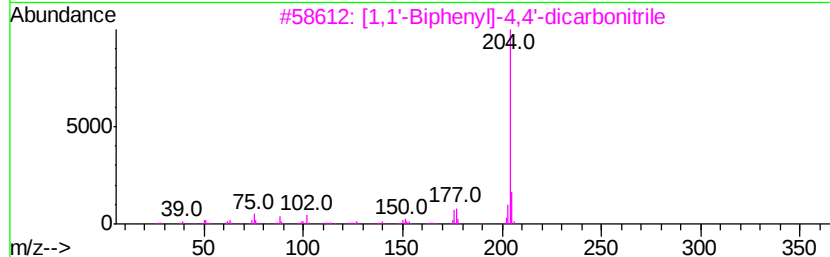
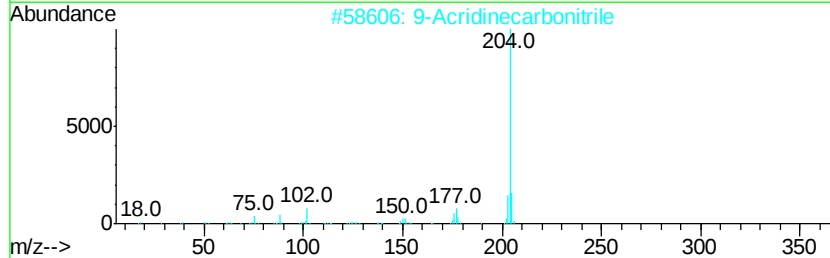
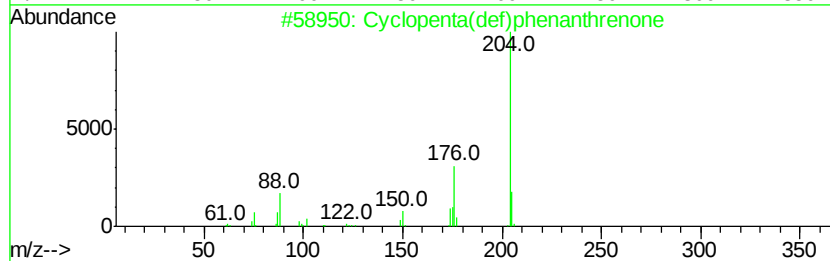
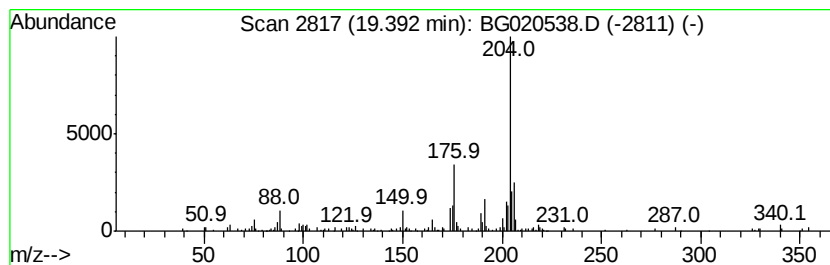
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	7.32 ng/ul	127862	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
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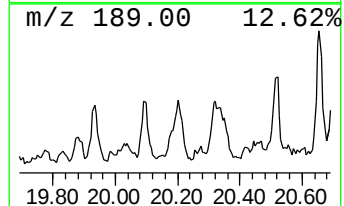
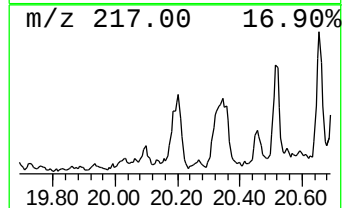
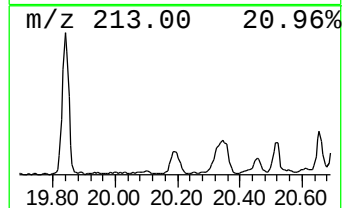
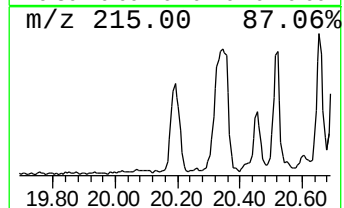
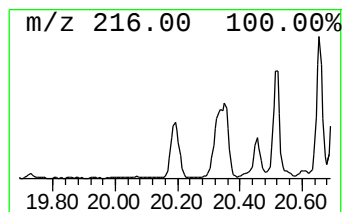
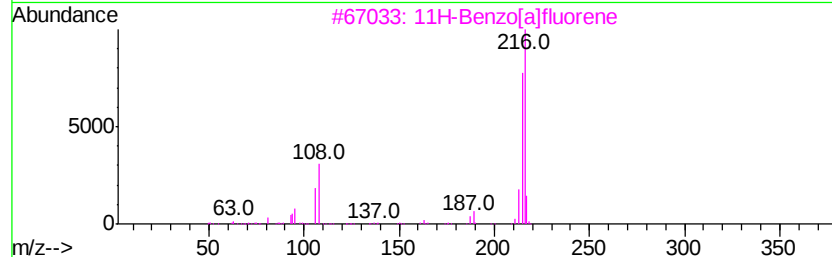
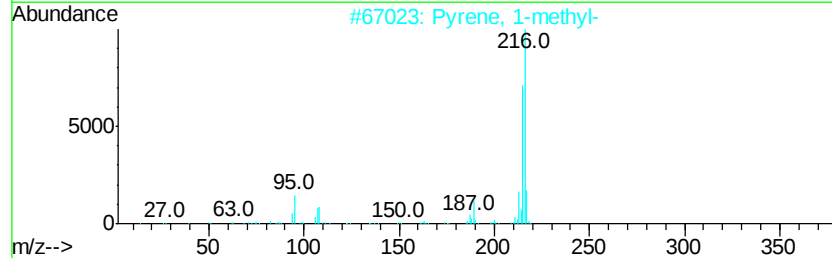
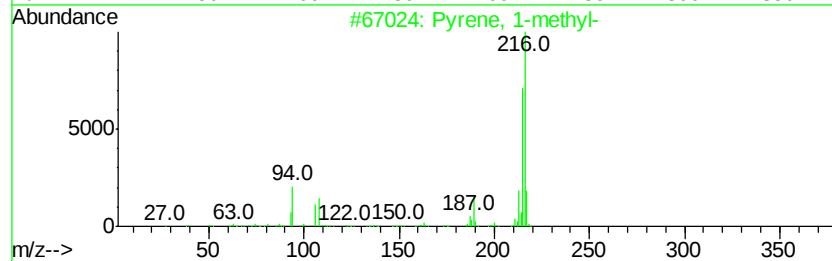
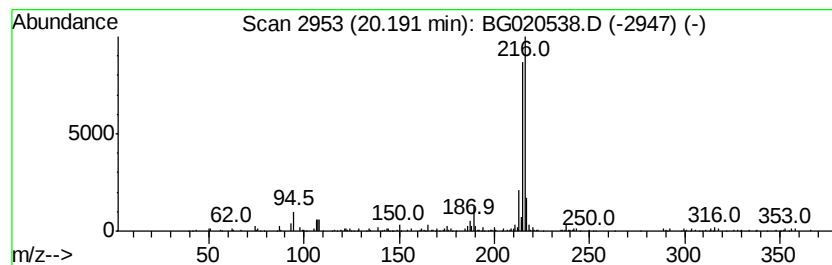
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.47 ng/ul	148179	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
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Instrument :
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ClientSampleId :
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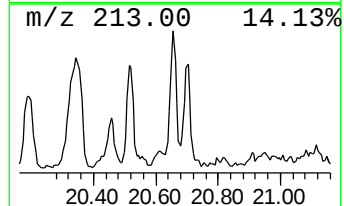
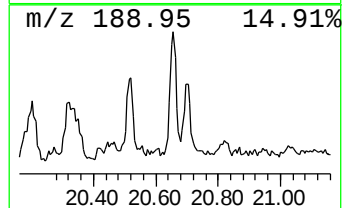
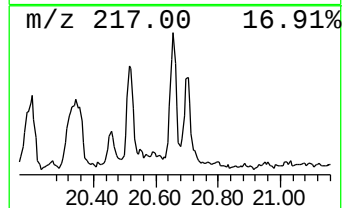
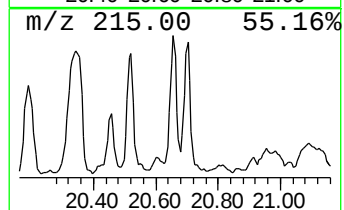
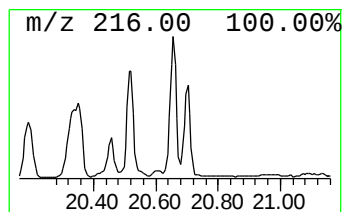
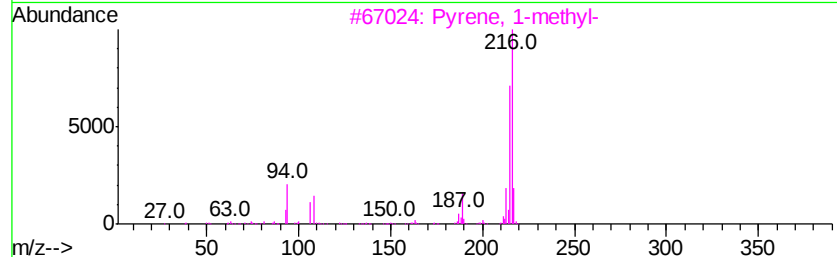
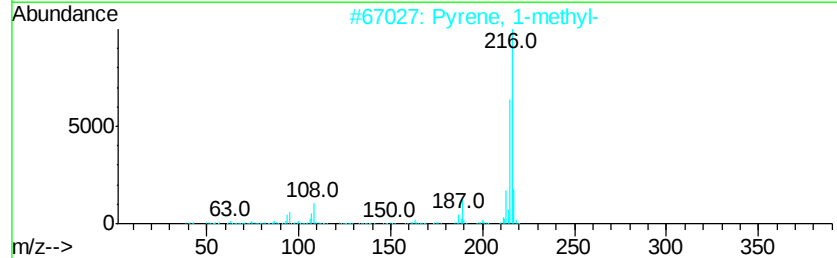
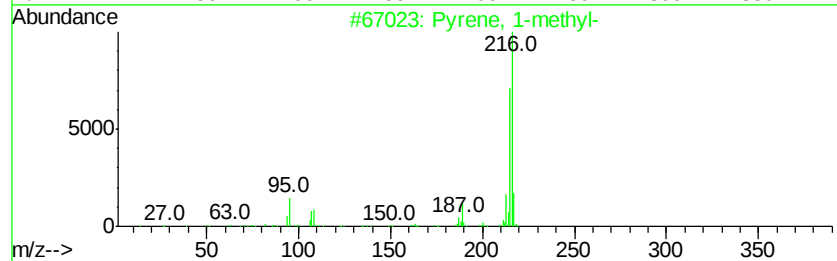
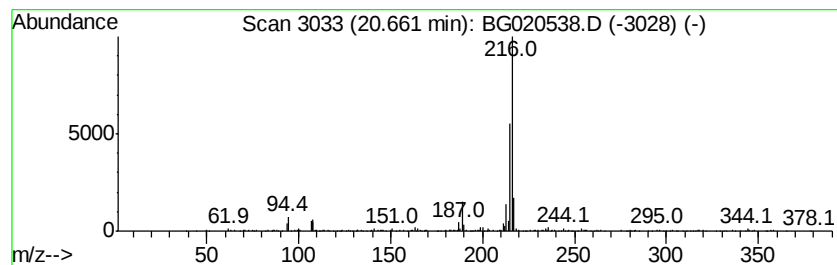
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.63 ng/ul	154765	Chrysene-d12	21.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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Sample : G4802-17
Misc :
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Instrument :
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ClientSampleId :
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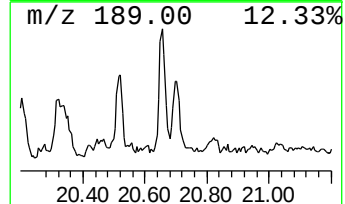
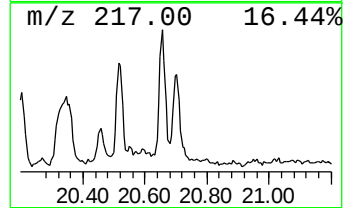
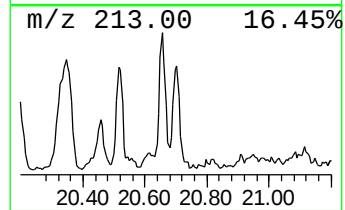
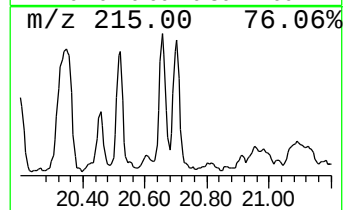
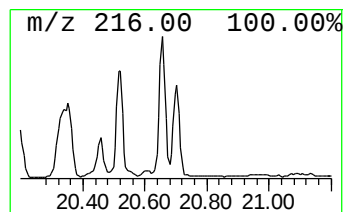
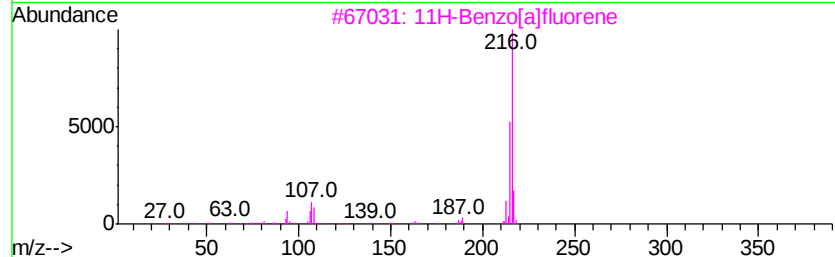
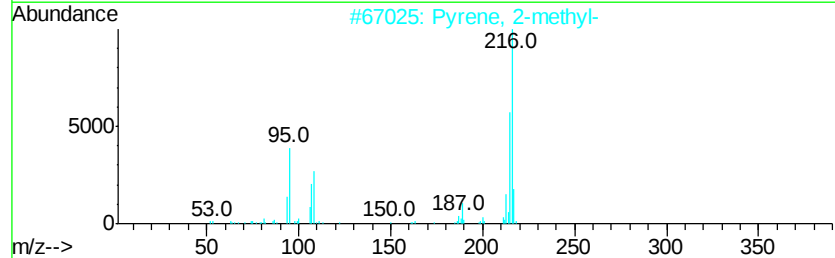
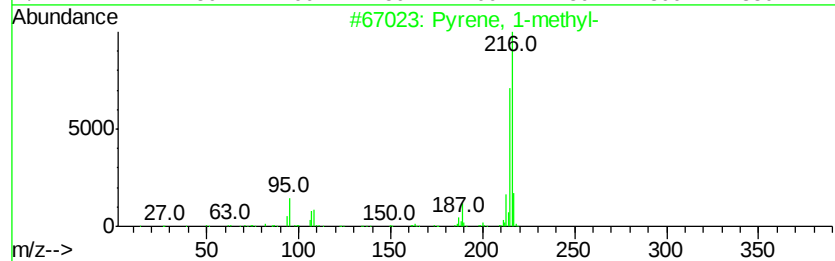
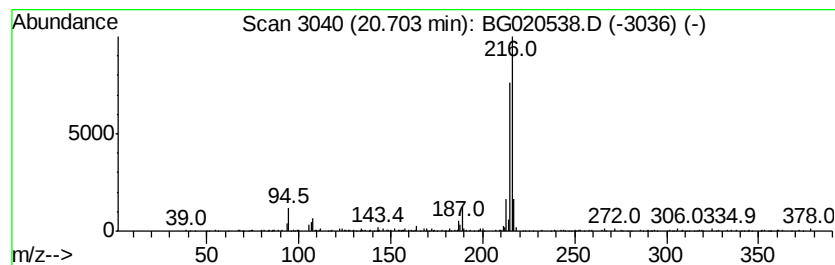
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.12 ng/ul	90478	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
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Misc :
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Instrument :
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ClientSampleId :
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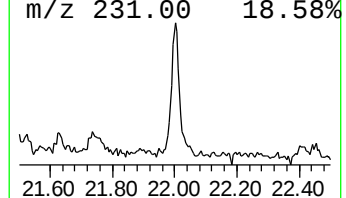
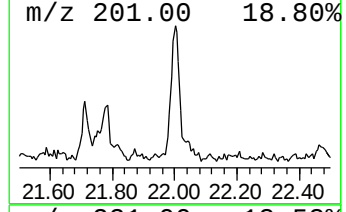
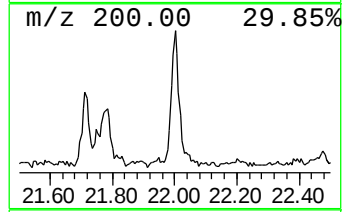
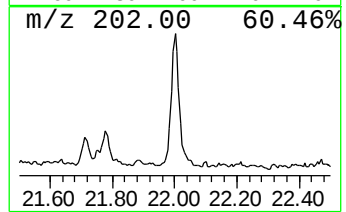
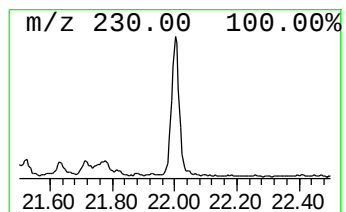
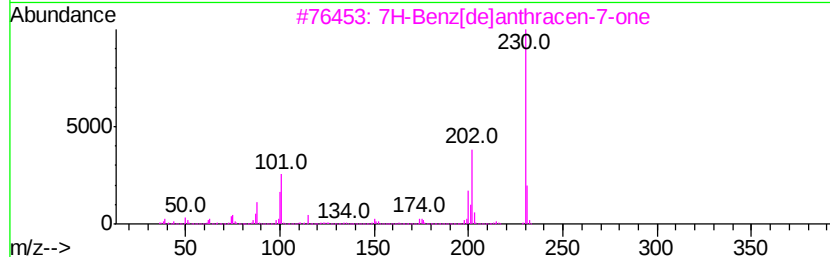
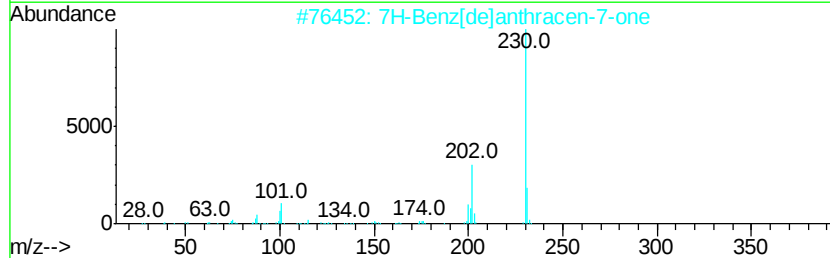
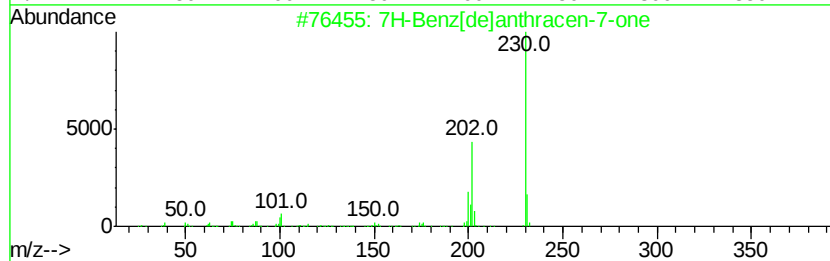
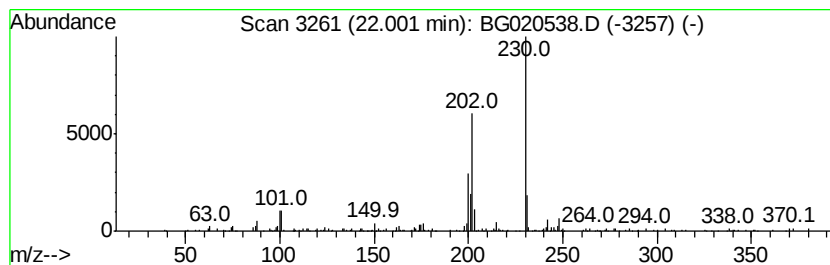
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	3.93 ng/ul	167621	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020538.D
Acq On : 26 Dec 2015 13:32
Operator : UM/SJ
Sample : G4802-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

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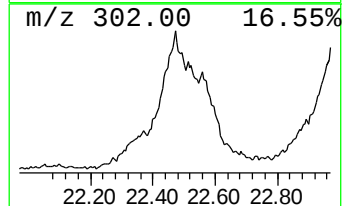
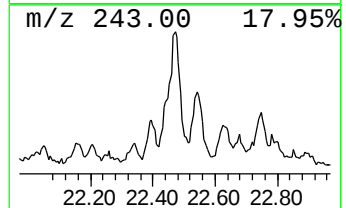
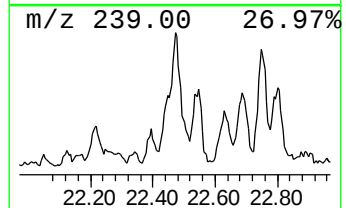
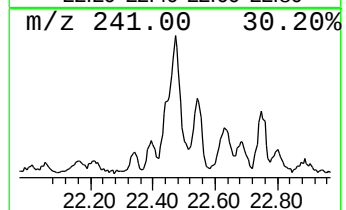
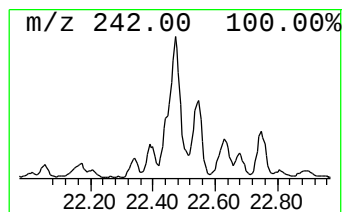
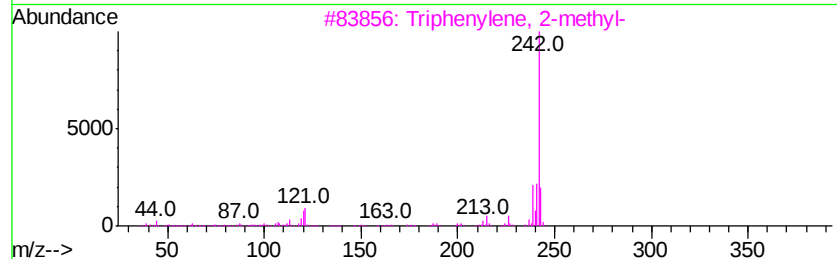
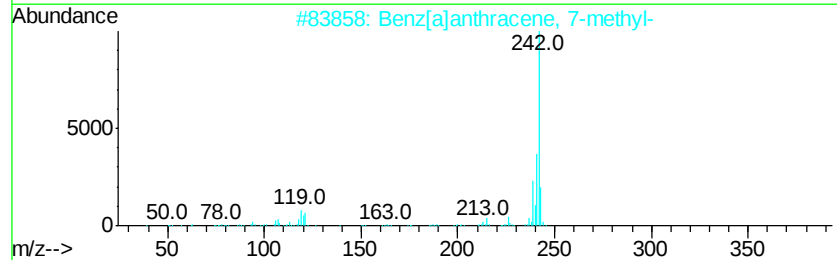
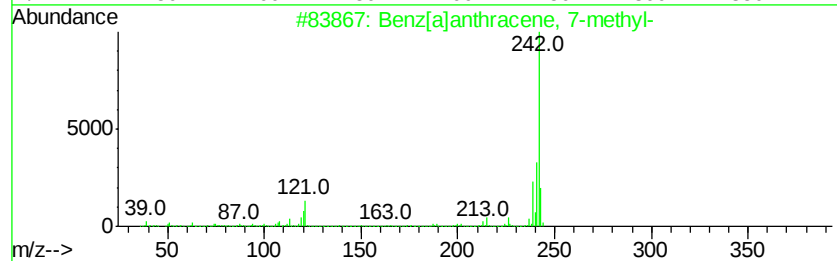
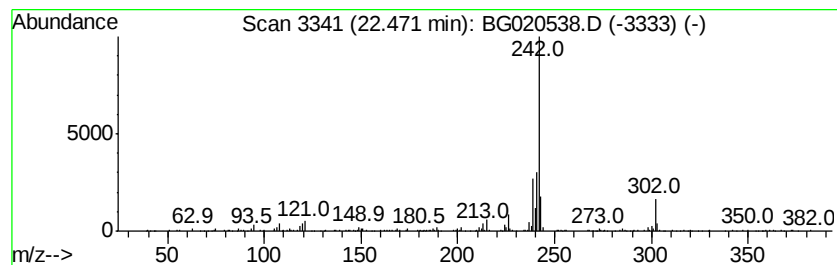
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benz[a]anthracene, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	4.84 ng/ul	206304	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
4		Chrysene, 3-methyl-	242	C19H14	003351-31-3	86
5		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020538.D
 Acq On : 26 Dec 2015 13:32
 Operator : UM/SJ
 Sample : G4802-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D92

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	6.7	ng/ul	35141	1	8.08	104972	20.0
Naphthalene, 1-me...	12.76	2.0	ng/ul	16859	2	10.89	166385	20.0
(DEL) Alkane: Str...	15.53	3.2	ng/ul	41823	3	14.71	262162	20.0
(DEL) Alkane: Str...	15.94	3.1	ng/ul	41318	3	14.71	262162	20.0
(DEL) Alkane: Str...	16.40	4.0	ng/ul	70551	4	17.46	349554	20.0
(DEL) Alkane: Str...	17.18	3.0	ng/ul	52835	4	17.46	349554	20.0
(DEL) Alkane: Str...	17.92	3.3	ng/ul	57094	4	17.46	349554	20.0
Phenanthrene, 1-m...	18.38	2.5	ng/ul	44370	4	17.46	349554	20.0
unknown-01	18.53	4.6	ng/ul	80456	4	17.46	349554	20.0
9,10-Anthracenedione	18.87	2.1	ng/ul	35978	4	17.46	349554	20.0
9,10-Dimethylantr...	19.24	6.5	ng/ul	114538	4	17.46	349554	20.0
Cyclopenta(def)ph...	19.39	7.3	ng/ul	127862	4	17.46	349554	20.0
Pyrene, 1-methyl-	20.19	3.5	ng/ul	148179	5	21.74	852995	20.0
Pyrene, 4-methyl-	20.66	3.6	ng/ul	154765	5	21.74	852995	20.0
11H-Benzo[a]fluorene	20.70	2.1	ng/ul	90478	5	21.74	852995	20.0
7H-Benz[de]anthra...	22.00	3.9	ng/ul	167621	5	21.74	852995	20.0
Benz[a]anthracene...	22.47	4.8	ng/ul	206304	5	21.74	852995	20.0