

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013438.D
 Acq On : 15 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I6759-11MEDL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A19MEDL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM-EPA-BM113017.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	7.675	773	780	788	rBV	724045	1182939	12.44%	1.343%
2	8.834	968	977	985	rBV	61638	112300	1.18%	0.127%
3	10.087	1182	1190	1196	rBV3	62210	118896	1.25%	0.135%
4	10.451	1242	1252	1257	rBV	1023933	1782843	18.75%	2.023%
5	10.504	1257	1261	1269	rVV	997174	1613647	16.97%	1.831%
6	10.616	1272	1280	1288	rVB5	74626	172856	1.82%	0.196%
7	12.122	1527	1536	1543	rBV	619816	977222	10.28%	1.109%
8	12.345	1564	1574	1585	rBV	337823	610252	6.42%	0.693%
9	13.145	1703	1710	1716	rBV2	146330	236995	2.49%	0.269%
10	13.339	1739	1743	1752	rVB	97439	170162	1.79%	0.193%
11	13.475	1759	1766	1776	rBV3	144130	394513	4.15%	0.448%
12	13.639	1784	1794	1798	rBV	211237	409872	4.31%	0.465%
13	13.692	1798	1803	1806	rVV	145917	228397	2.40%	0.259%
14	13.733	1806	1810	1815	rVB	155430	220875	2.32%	0.251%
15	14.010	1847	1857	1861	rBV	189505	323817	3.41%	0.368%
16	14.222	1888	1893	1898	rBV	111421	150150	1.58%	0.170%
17	14.322	1898	1910	1915	rVV2	1456778	2411438	25.36%	2.737%
18	14.380	1915	1920	1928	rVV	1334259	1991277	20.94%	2.260%
19	14.539	1940	1947	1955	rVV5	86269	245934	2.59%	0.279%
20	14.633	1955	1963	1967	rVV3	66688	136130	1.43%	0.154%
21	14.722	1967	1978	1985	rVV	894758	1436425	15.11%	1.630%
22	14.798	1985	1991	1995	rVV	120741	200195	2.11%	0.227%
23	14.869	1995	2003	2007	rVV5	101883	189675	1.99%	0.215%
24	14.945	2007	2016	2021	rVV7	160827	395286	4.16%	0.449%
25	14.992	2021	2024	2030	rVB2	90279	124573	1.31%	0.141%
26	15.116	2037	2045	2047	rBV3	60949	130537	1.37%	0.148%
27	15.180	2053	2056	2060	rVB	162073	188521	1.98%	0.214%
28	15.316	2074	2079	2083	rVB	215143	299410	3.15%	0.340%
29	15.369	2083	2088	2093	rBV	924549	1294608	13.61%	1.469%
30	15.463	2099	2104	2107	rBV6	101175	183352	1.93%	0.208%
31	15.492	2107	2109	2113	rVV2	142847	161673	1.70%	0.183%
32	15.539	2113	2117	2120	rVB4	86412	115089	1.21%	0.131%
33	15.580	2120	2124	2128	rBV5	75734	122035	1.28%	0.139%
34	15.669	2134	2139	2146	rVB2	233914	453576	4.77%	0.515%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.810	2156	2163	2171	rBV	237717	551454	5.80%	0.626%
36	16.045	2199	2203	2216	rVB2	272670	457008	4.81%	0.519%
37	16.333	2247	2252	2254	rBV2	83530	128808	1.35%	0.146%
38	16.380	2256	2260	2264	rVV3	132672	217612	2.29%	0.247%
39	16.427	2264	2268	2273	rVB3	107408	178838	1.88%	0.203%
40	16.645	2302	2305	2309	rVV3	103173	133009	1.40%	0.151%
41	16.727	2312	2319	2327	rBV2	5847228	8417980	88.53%	9.554%
42	16.804	2328	2332	2333	rVV2	140828	195246	2.05%	0.222%
43	16.833	2333	2337	2341	rVV2	327252	521056	5.48%	0.591%
44	16.886	2341	2346	2356	rVB	403170	683378	7.19%	0.776%
45	17.068	2371	2377	2380	rBV2	1967407	2807724	29.53%	3.187%
46	17.116	2380	2385	2390	rVV	4793512	6847144	72.01%	7.771%
47	17.168	2390	2394	2395	rVV	368088	463821	4.88%	0.526%
48	17.204	2395	2400	2406	rVV	2460191	3518322	37.00%	3.993%
49	17.263	2406	2410	2415	rVB5	80168	135884	1.43%	0.154%
50	17.474	2437	2446	2454	rBV2	456631	860632	9.05%	0.977%
51	17.574	2459	2463	2471	rBV2	244209	418306	4.40%	0.475%
52	17.651	2471	2476	2480	rBV2	174716	263317	2.77%	0.299%
53	17.792	2496	2500	2506	rBV2	71387	125914	1.32%	0.143%
54	17.945	2520	2526	2530	rVV	437285	707420	7.44%	0.803%
55	17.992	2530	2534	2540	rVV	616849	892093	9.38%	1.012%
56	18.074	2543	2548	2553	rVV	195353	316362	3.33%	0.359%
57	18.139	2553	2559	2563	rVV2	742667	1332560	14.01%	1.512%
58	18.174	2563	2565	2571	rVB	284237	314195	3.30%	0.357%
59	18.268	2576	2581	2584	rBV	228910	322082	3.39%	0.366%
60	18.345	2589	2594	2597	rVB3	102375	143447	1.51%	0.163%
61	18.445	2606	2611	2615	rBV2	264295	412182	4.33%	0.468%
62	18.492	2615	2619	2626	rVB2	364060	555608	5.84%	0.631%
63	18.692	2645	2653	2657	rBV2	157392	318719	3.35%	0.362%
64	18.745	2658	2662	2665	rVV	130321	178054	1.87%	0.202%
65	18.786	2665	2669	2673	rVB3	119235	175869	1.85%	0.200%
66	18.868	2677	2683	2686	rBV	224580	351187	3.69%	0.399%
67	18.904	2686	2689	2696	rVV4	210222	382816	4.03%	0.434%
68	19.009	2702	2707	2713	rBV	491822	707898	7.44%	0.803%
69	19.062	2713	2716	2721	rVV3	68917	121899	1.28%	0.138%
70	19.133	2721	2728	2735	rVV	7194692	9509092	100.00%	10.792%
71	19.198	2735	2739	2742	rVV2	87353	135219	1.42%	0.153%

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72	19.227	2742	2744	2750	rVB	95638	133594	1.40%	0.152%
73	19.345	2756	2764	2765	rBV7	79363	169031	1.78%	0.192%
74	19.374	2766	2769	2773	rVB	176496	225931	2.38%	0.256%
75	19.468	2779	2785	2786	rBV2	1135871	1615043	16.98%	1.833%
76	19.498	2786	2790	2797	rVV	4820658	6587784	69.28%	7.477%
77	19.568	2797	2802	2808	rVB2	215607	353566	3.72%	0.401%
78	19.674	2815	2820	2826	rBV	267818	376979	3.96%	0.428%
79	19.739	2826	2831	2837	rVB	155608	259863	2.73%	0.295%
80	19.821	2837	2845	2846	rBV2	241559	422056	4.44%	0.479%
81	19.986	2863	2873	2877	rBV2	314745	836557	8.80%	0.949%
82	20.092	2886	2891	2895	rBV	147343	182381	1.92%	0.207%
83	20.151	2895	2901	2905	rVV2	252703	460317	4.84%	0.522%
84	20.186	2905	2907	2911	rVV	148269	164054	1.73%	0.186%
85	20.292	2920	2925	2928	rBV	140316	198425	2.09%	0.225%
86	20.339	2928	2933	2937	rVB3	140222	196309	2.06%	0.223%
87	20.739	2997	3001	3009	rVB	343364	443879	4.67%	0.504%
88	20.904	3023	3029	3033	rBV3	239982	449193	4.72%	0.510%
89	20.945	3033	3036	3039	rVV2	247049	296709	3.12%	0.337%
90	20.980	3039	3042	3047	rVV2	204032	364068	3.83%	0.413%
91	21.039	3048	3052	3057	rVB	277753	390039	4.10%	0.443%
92	21.256	3079	3089	3093	rBV2	3130420	5221806	54.91%	5.926%
93	21.298	3093	3096	3106	rVB	1036391	1413908	14.87%	1.605%
94	21.568	3138	3142	3148	rBV4	89781	156407	1.64%	0.178%
95	21.809	3180	3183	3186	rVB2	102234	118026	1.24%	0.134%
96	22.815	3349	3354	3359	rBV	429235	934783	9.83%	1.061%
97	23.292	3430	3435	3438	rBV	161261	274075	2.88%	0.311%
98	23.339	3440	3443	3446	rVV3	154926	243667	2.56%	0.277%
99	23.380	3447	3450	3457	rVB	195476	348968	3.67%	0.396%
100	23.480	3460	3467	3474	rBV	1416229	2685625	28.24%	3.048%

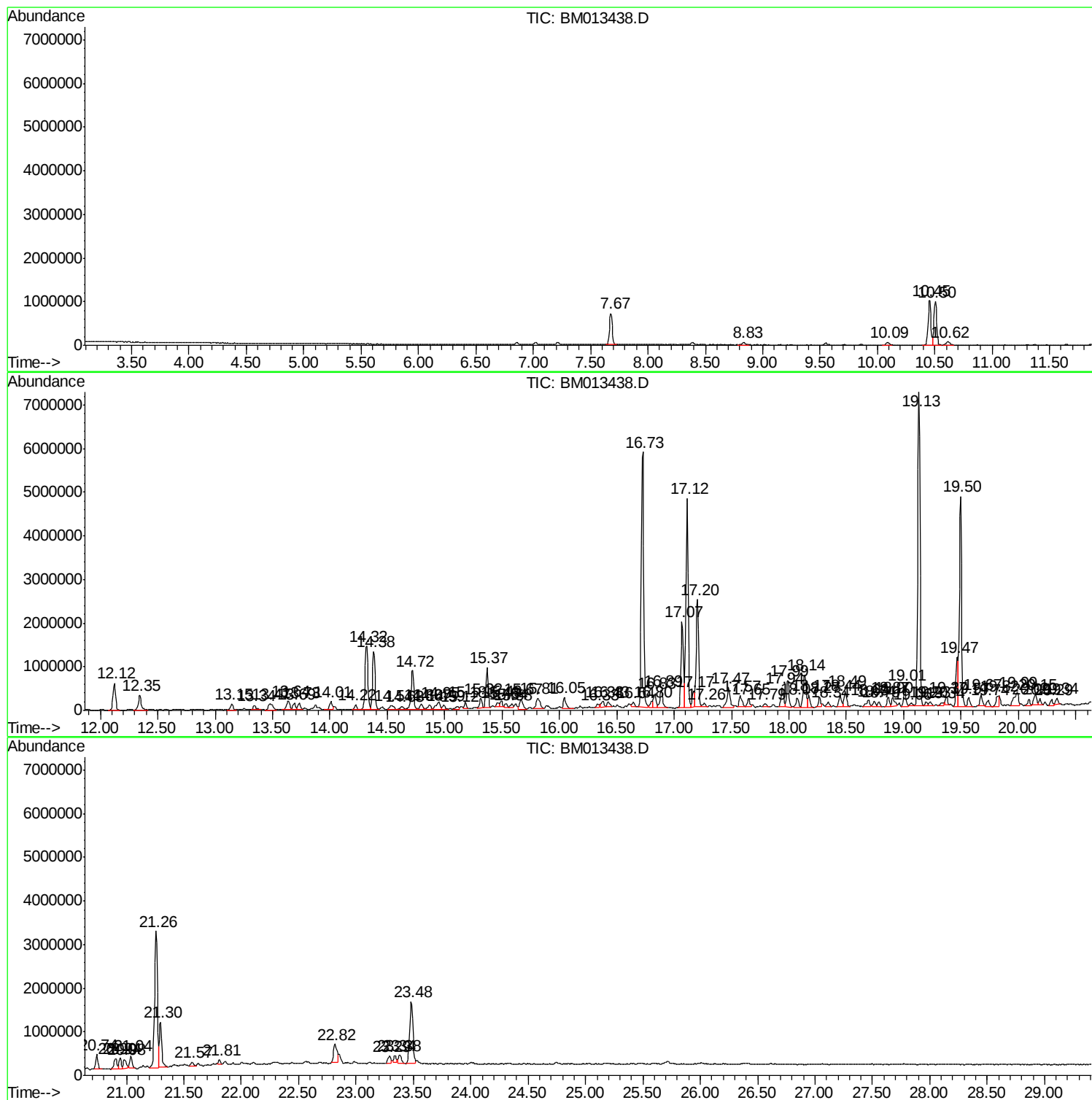
Sum of corrected areas: 88110668

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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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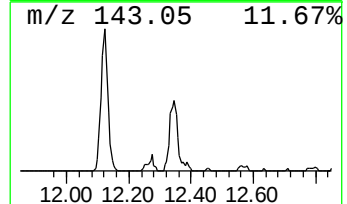
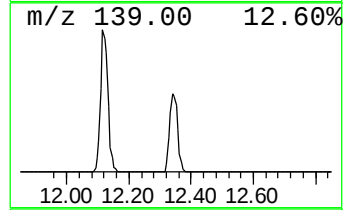
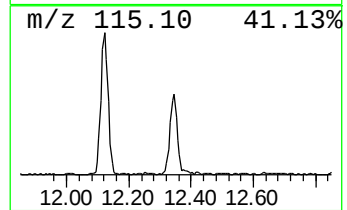
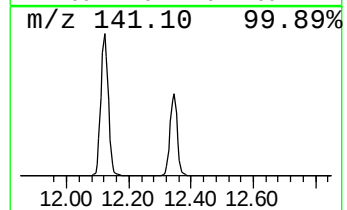
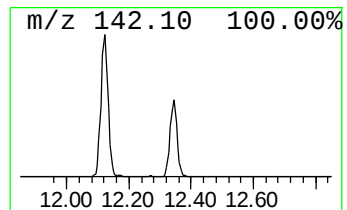
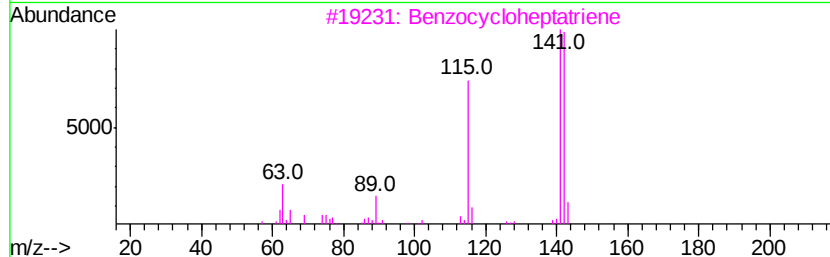
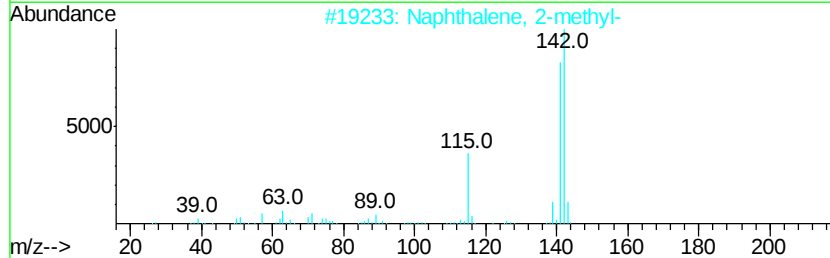
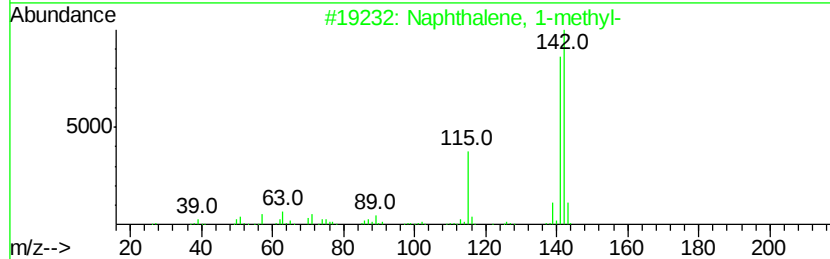
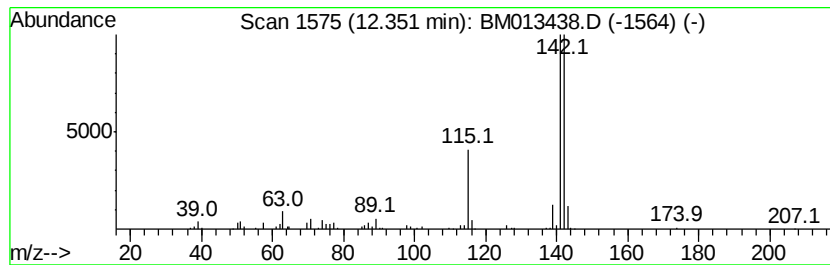
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.85 ng/ul	610252	Naphthalene-d8	10.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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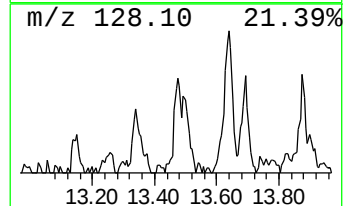
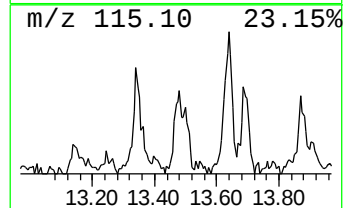
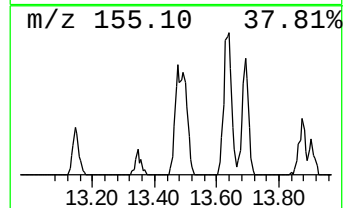
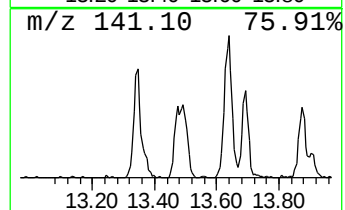
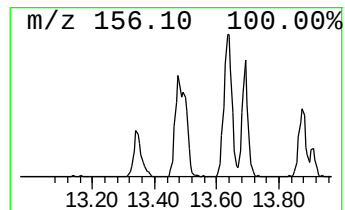
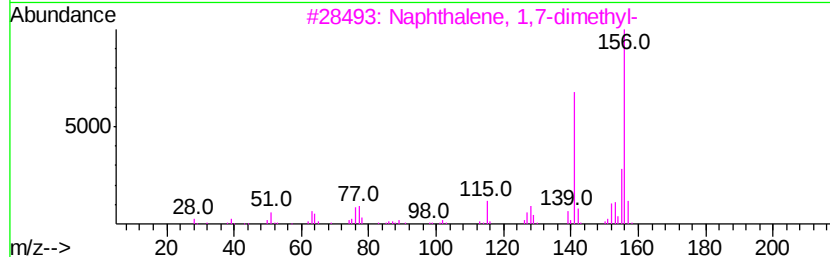
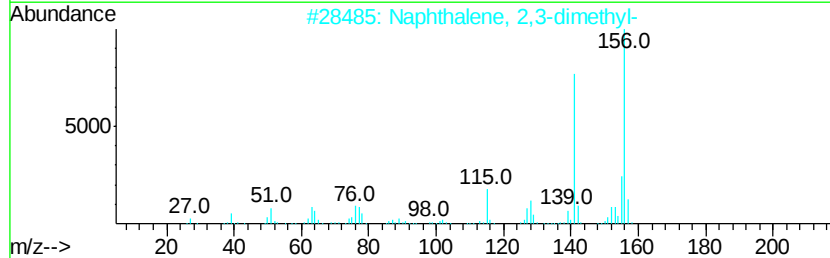
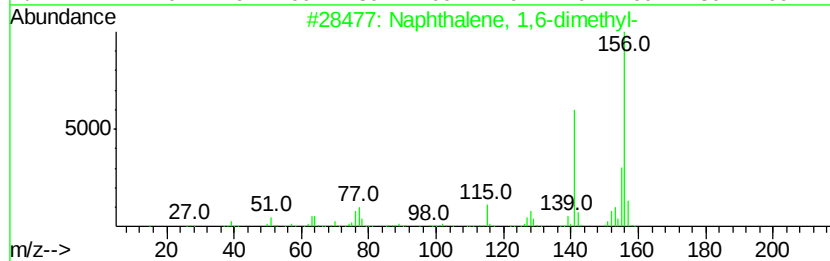
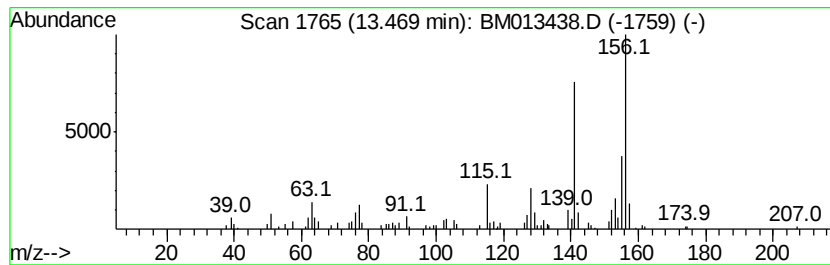
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Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.27 ng/ul	394513	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 94
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 94
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 93



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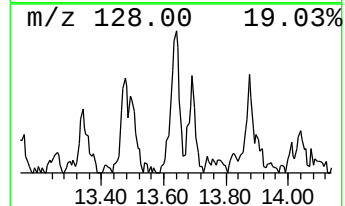
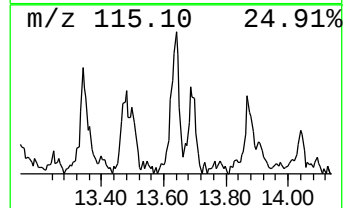
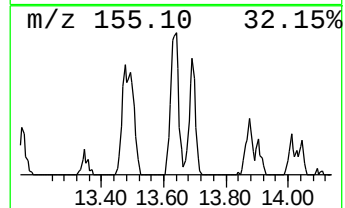
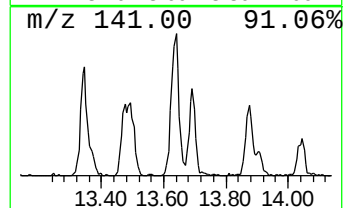
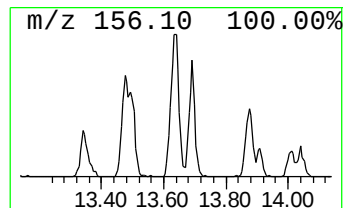
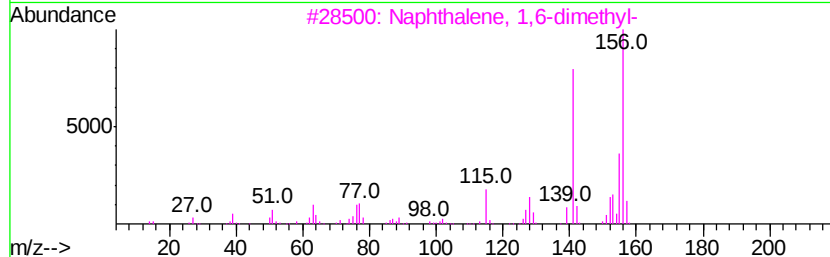
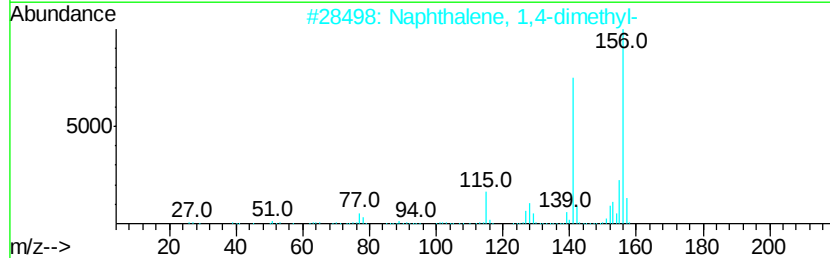
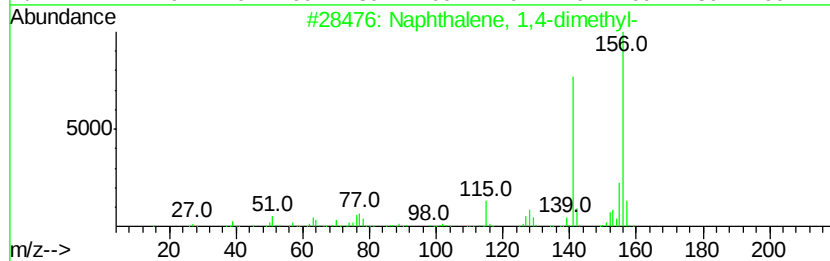
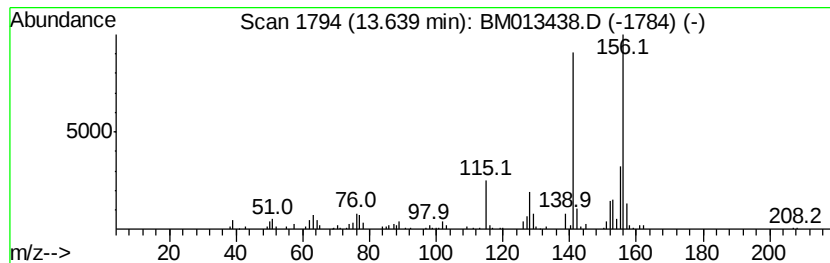
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.40 ng/ul	409872	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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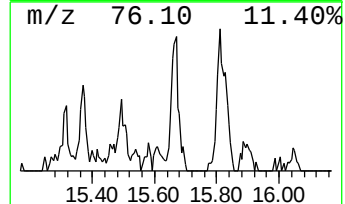
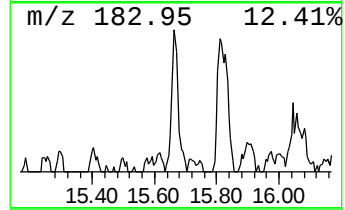
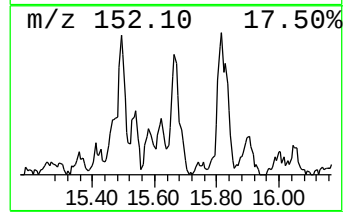
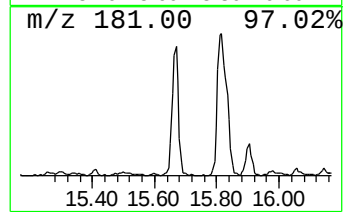
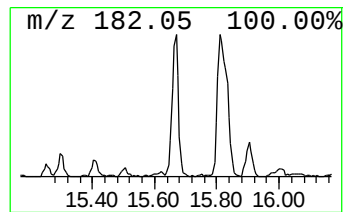
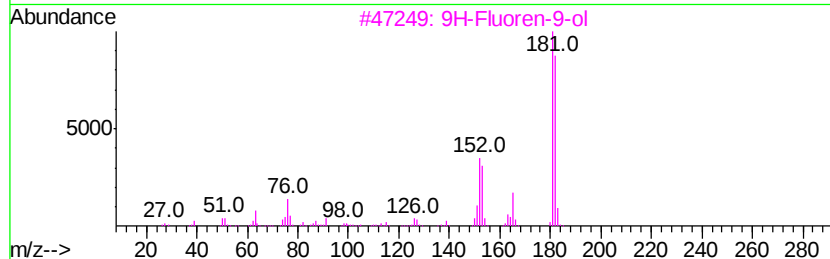
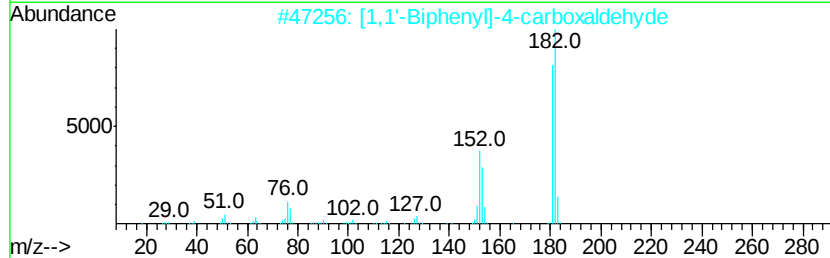
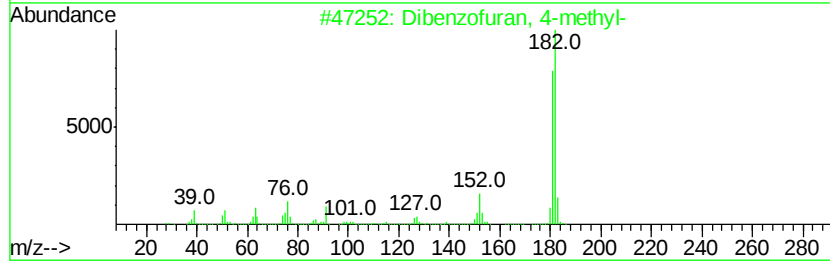
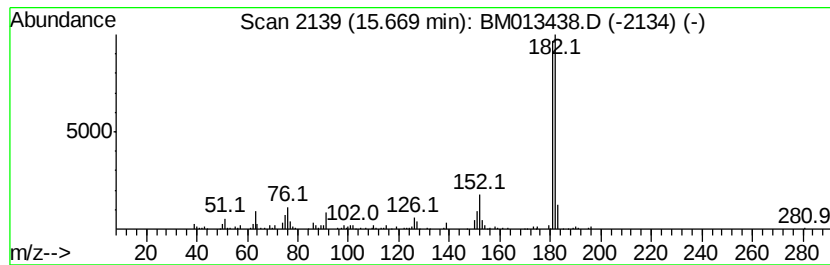
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.76 ng/ul	453576	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
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Operator : SJ/JU
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ClientSampleId :
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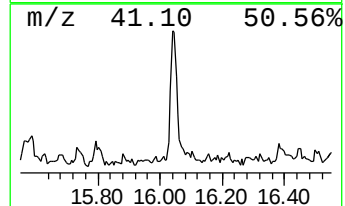
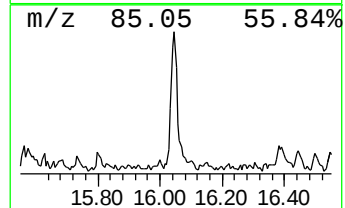
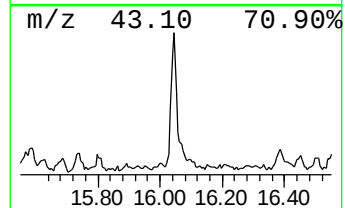
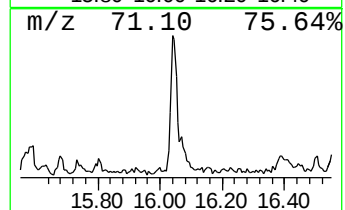
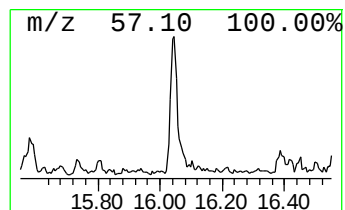
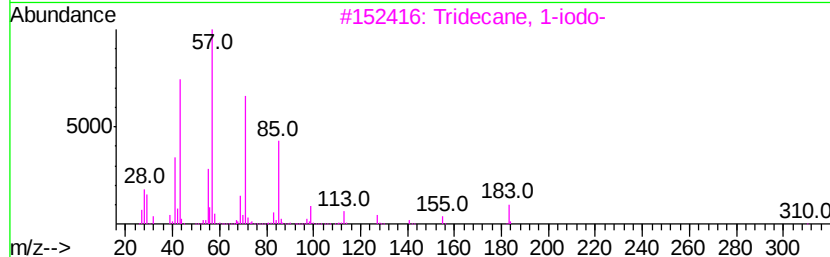
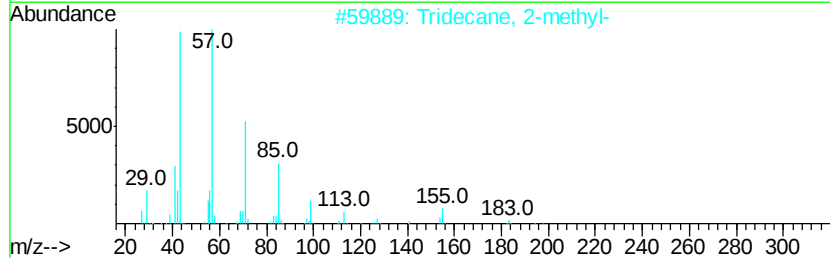
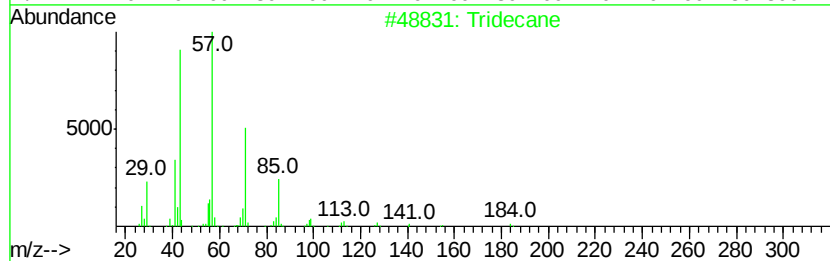
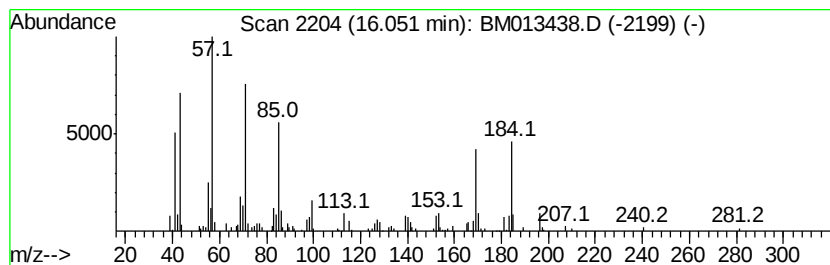
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.26 ng/ul	457008	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	74
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	62



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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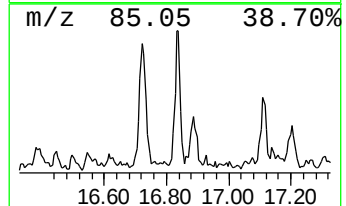
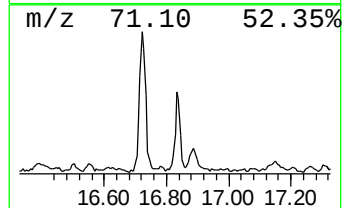
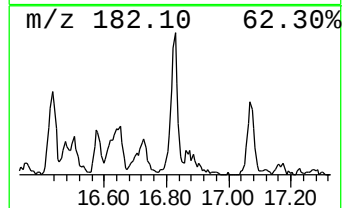
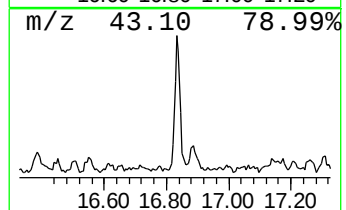
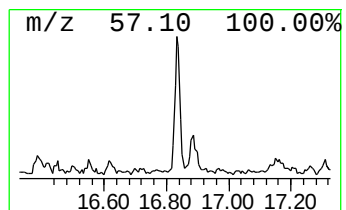
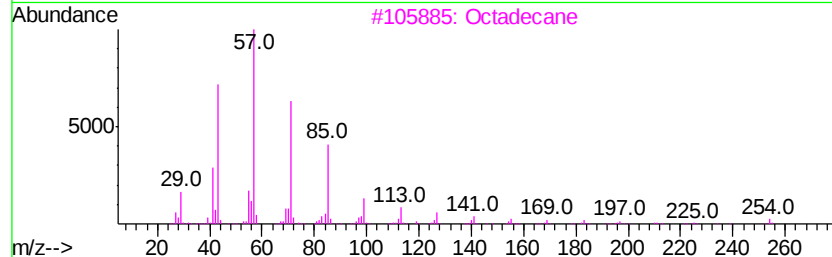
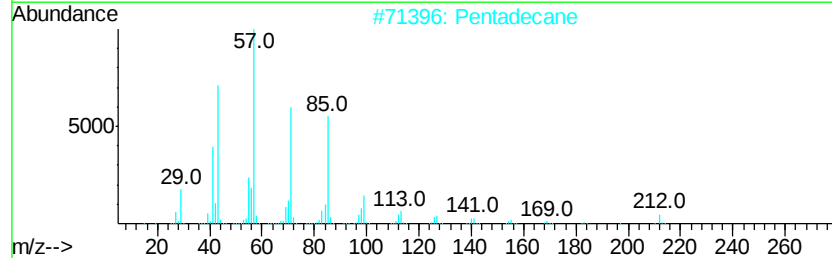
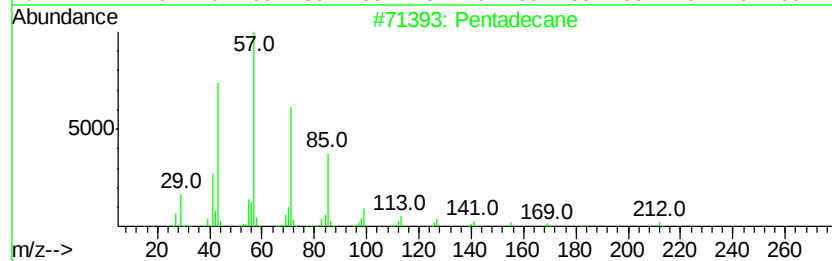
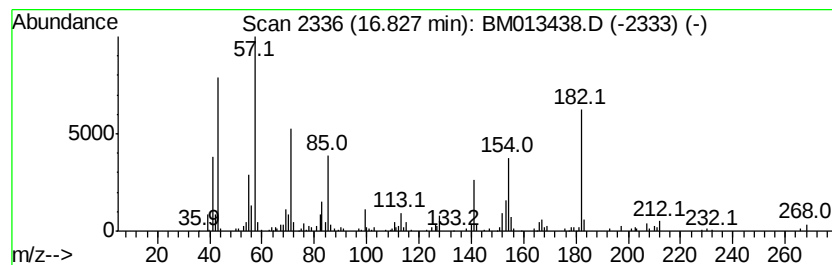
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.71 ng/ul	521056	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Pentadecane	212	C15H32	000629-62-9	89
3			Octadecane	254	C18H38	000593-45-3	74
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
5			9-methylheptadecane	254	C18H38	026741-18-4	74



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
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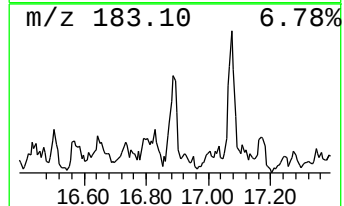
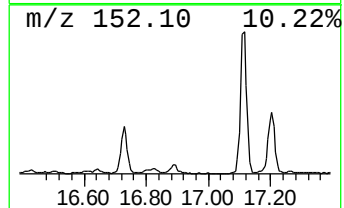
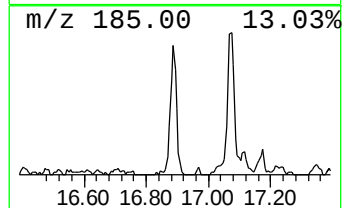
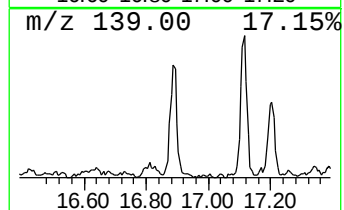
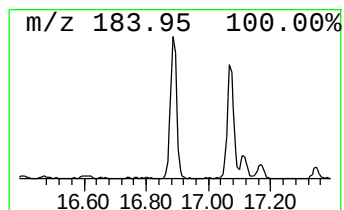
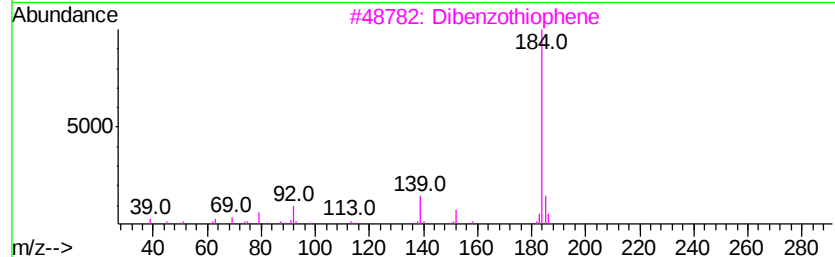
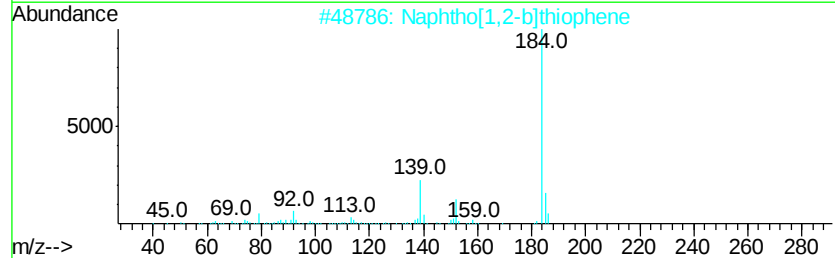
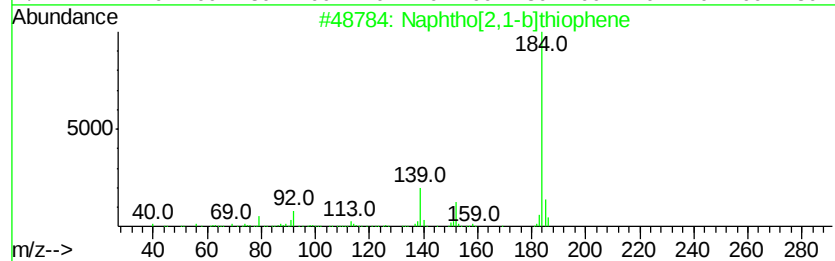
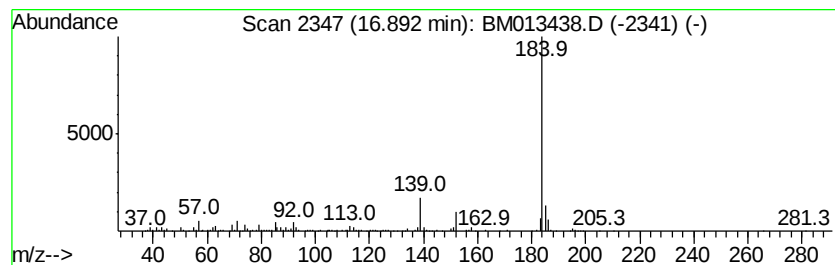
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.89	4.87 ng/ul	683378	Phenanthrene-d10		17.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
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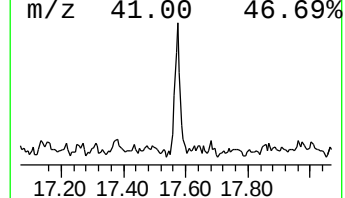
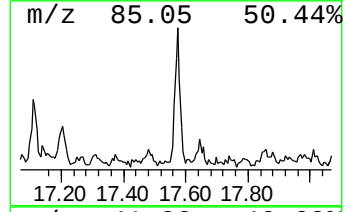
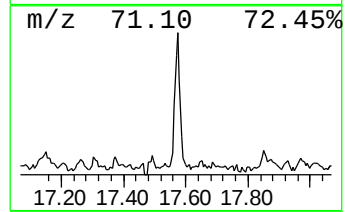
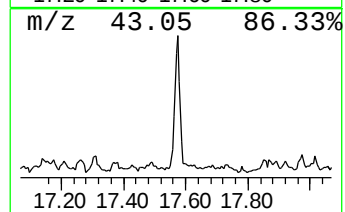
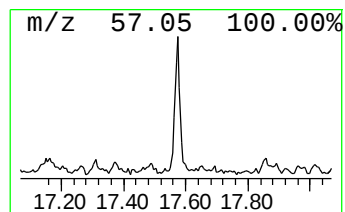
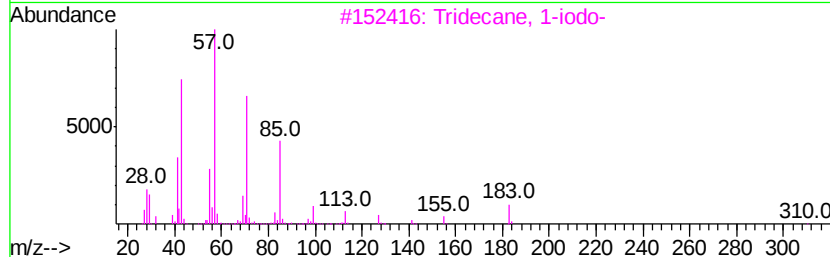
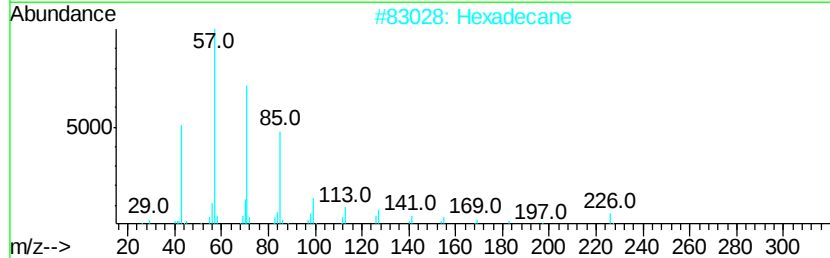
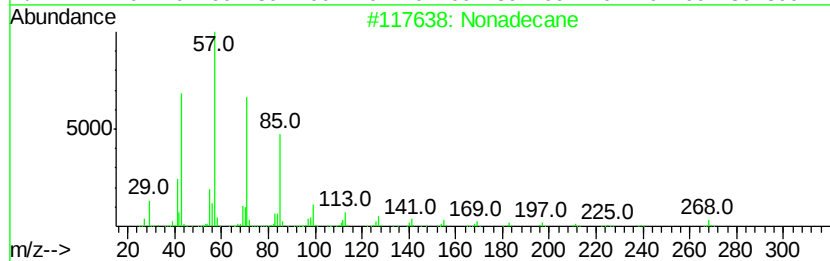
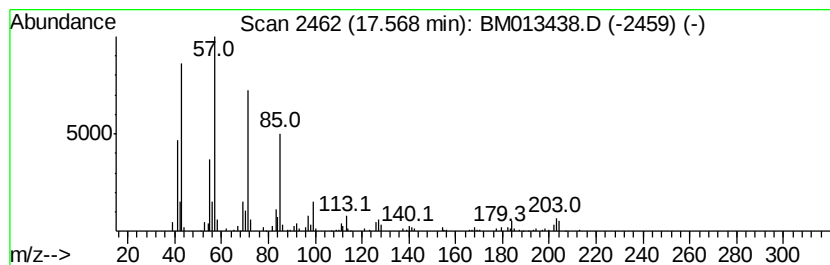
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.98 ng/ul	418306	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Hexadecane	226	C16H34	000544-76-3	70
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Heptacosane	380	C27H56	000593-49-7	68



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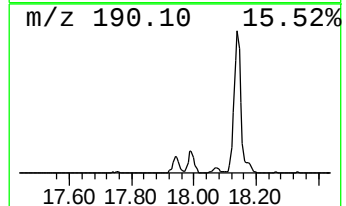
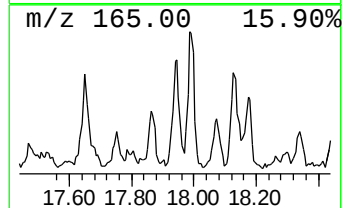
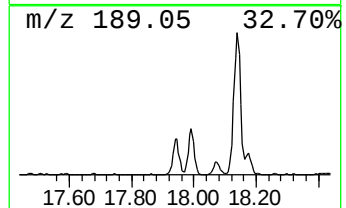
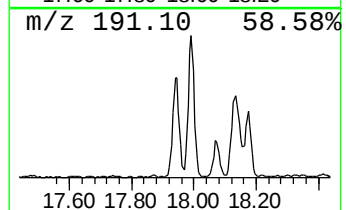
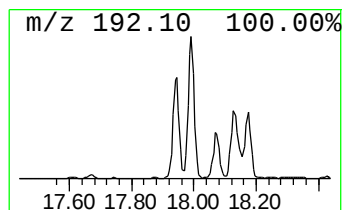
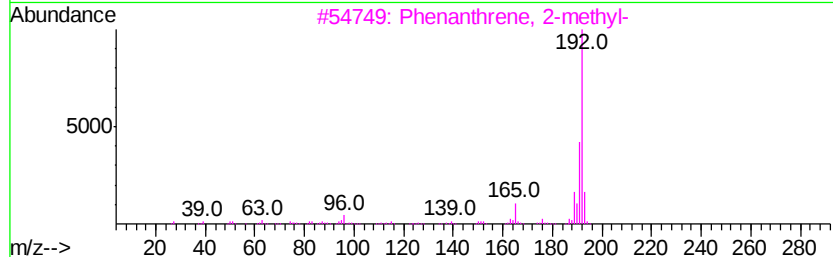
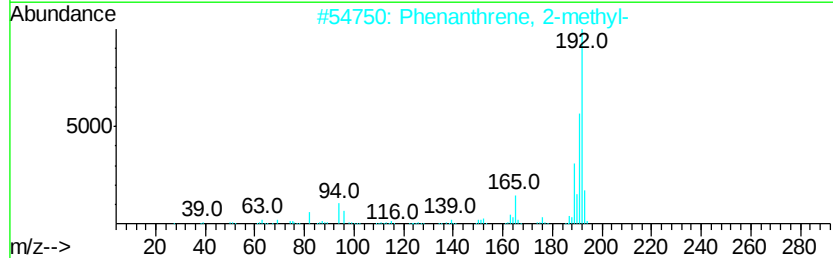
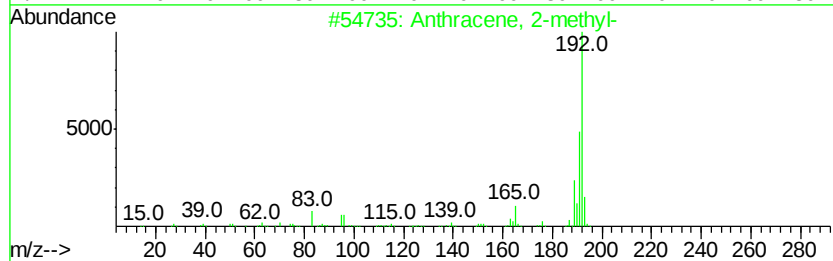
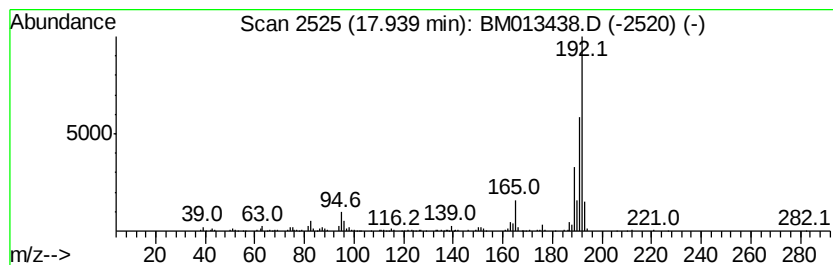
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.04 ng/ul	707420	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId :
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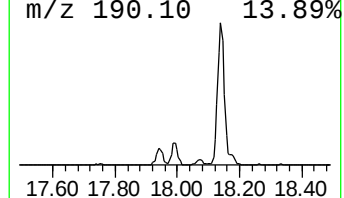
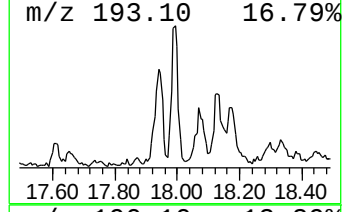
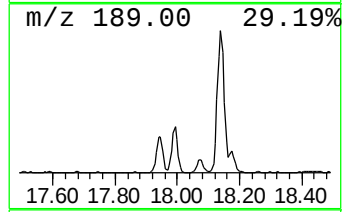
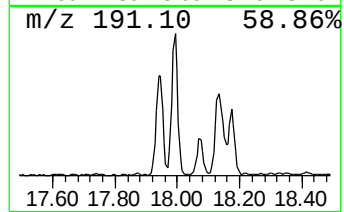
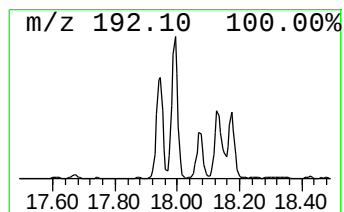
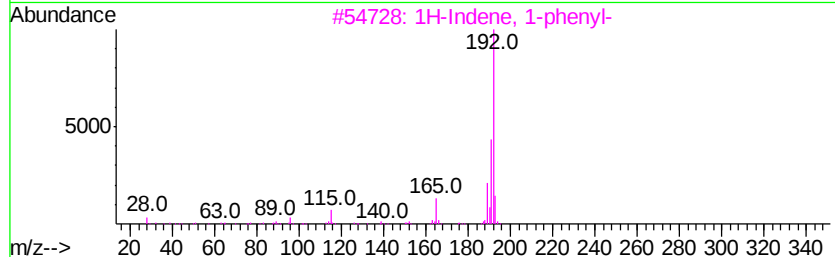
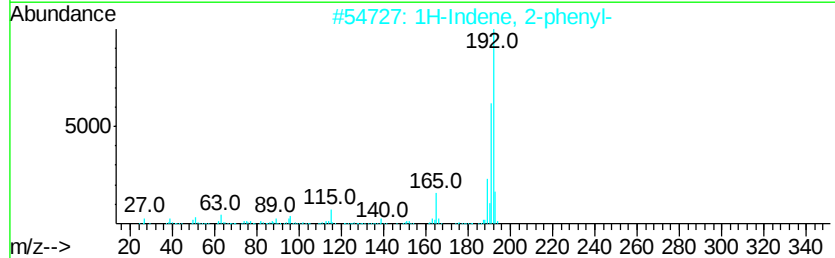
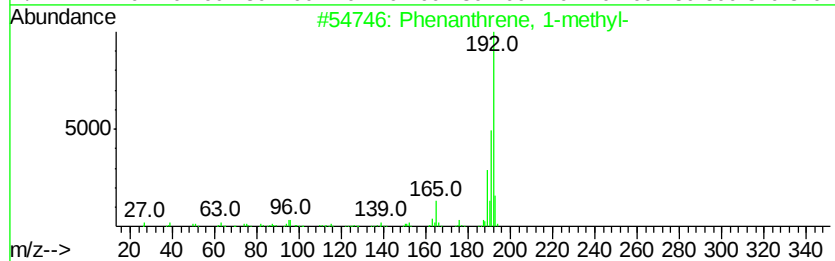
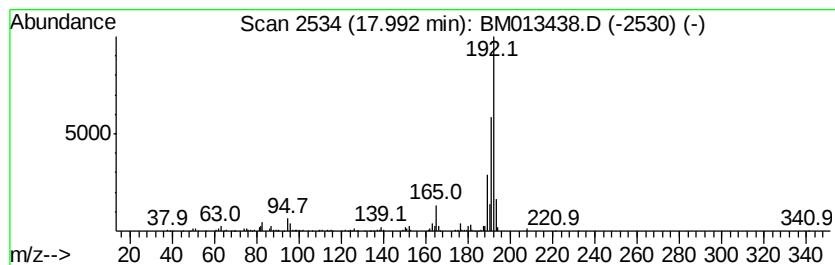
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	6.35 ng/ul	892093	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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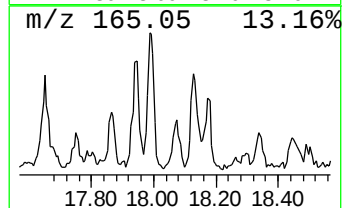
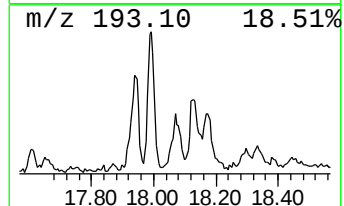
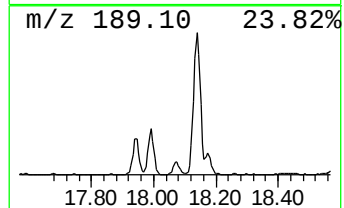
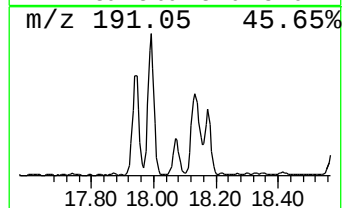
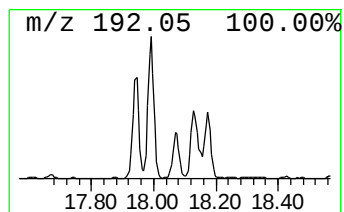
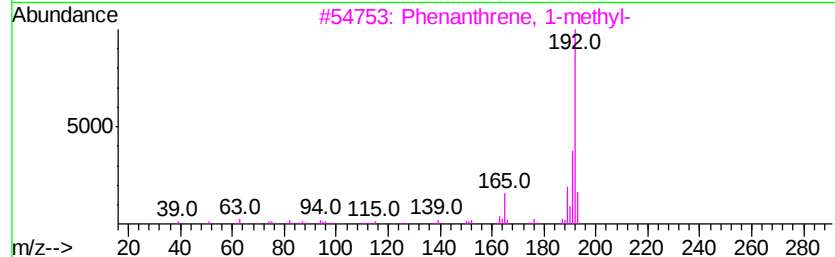
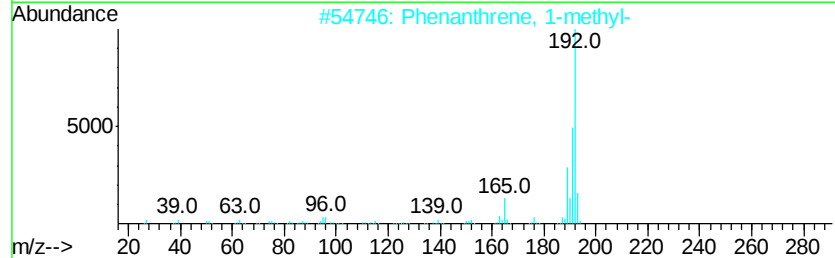
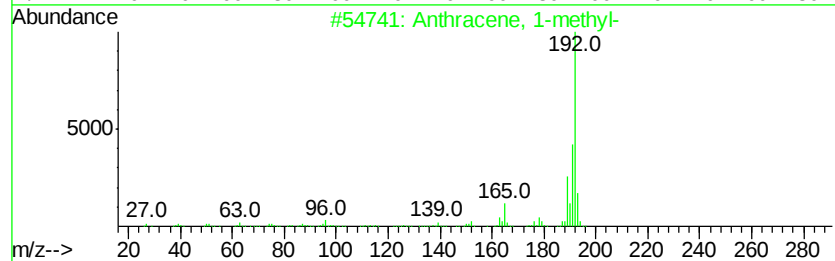
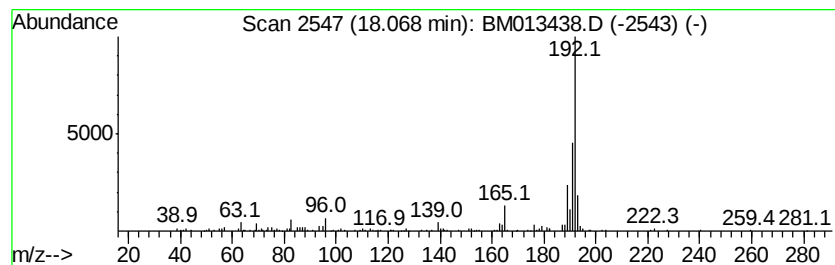
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.25 ng/ul	316362	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
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Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

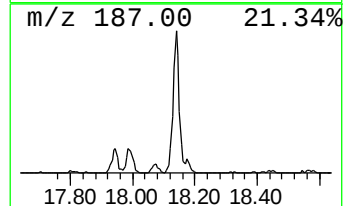
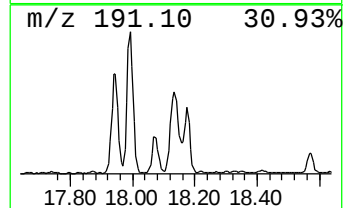
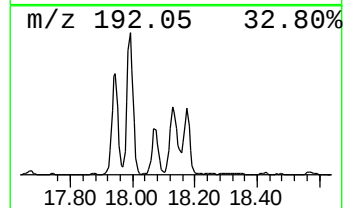
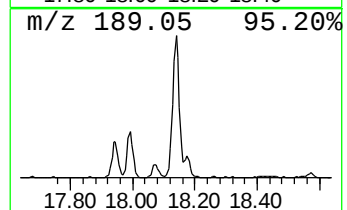
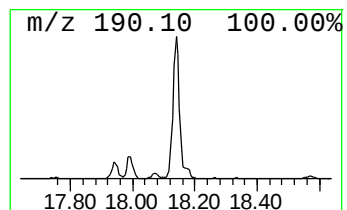
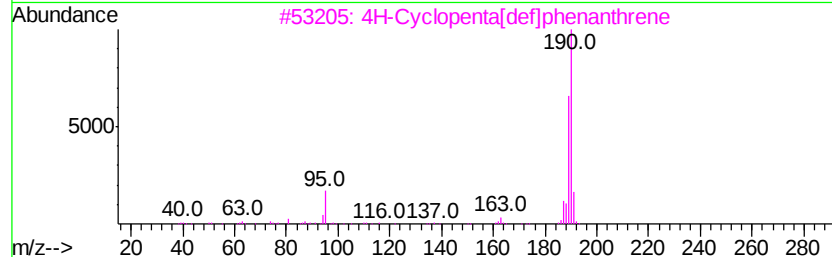
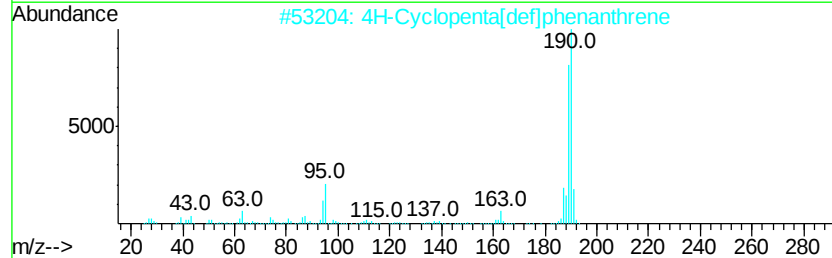
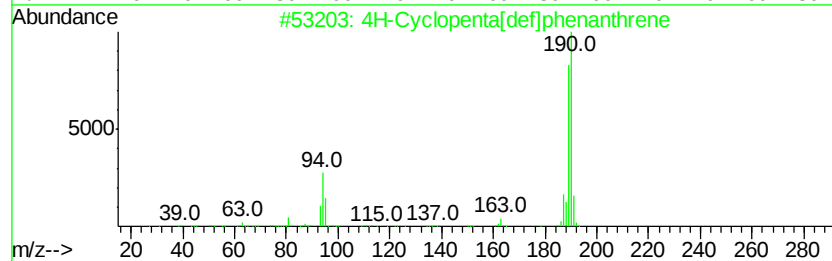
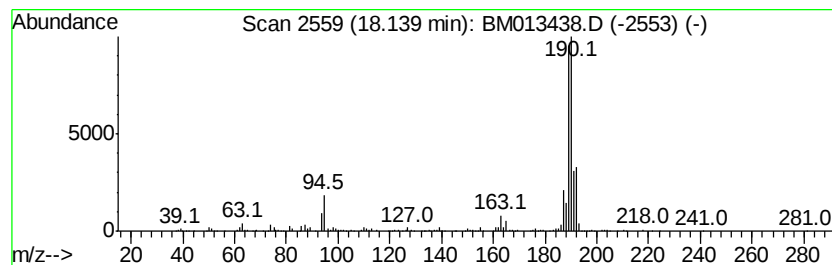
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.14	9.49 ng/ul	1332560	Phenanthrene-d10		17.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



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Operator : SJ/JU
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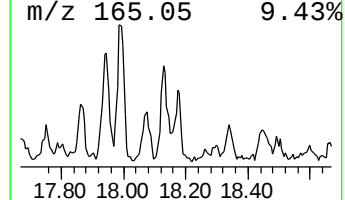
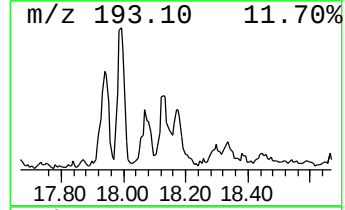
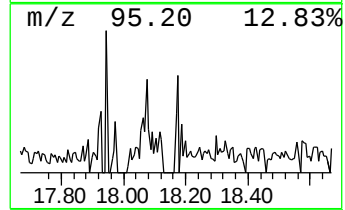
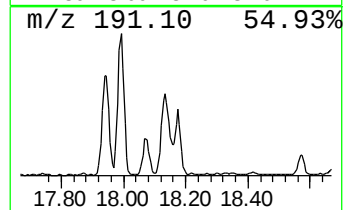
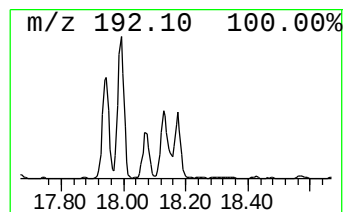
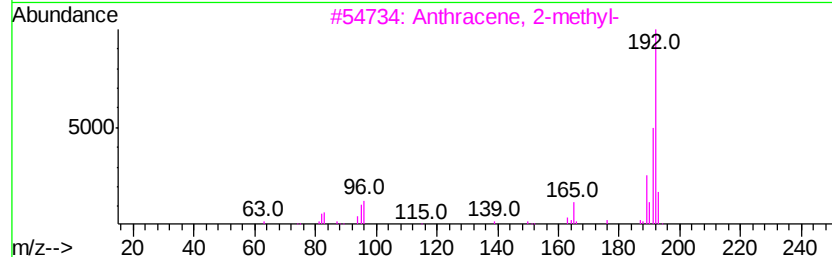
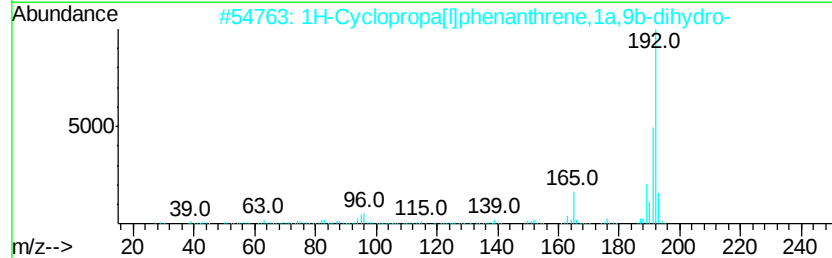
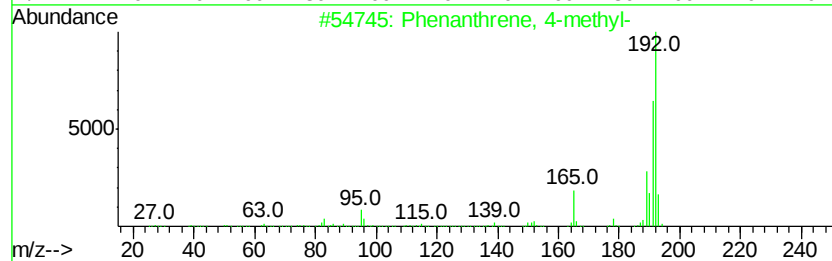
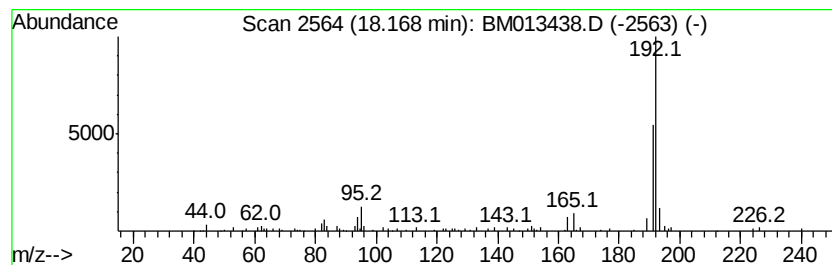
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.24 ng/ul	314195	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	80
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	74



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
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Operator : SJ/JU
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Misc :
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Instrument :
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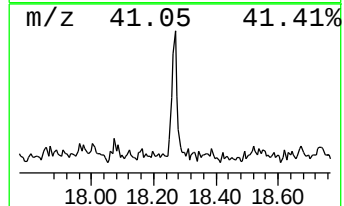
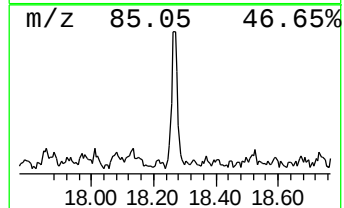
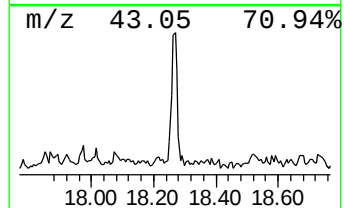
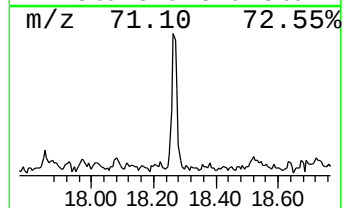
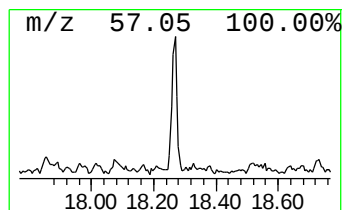
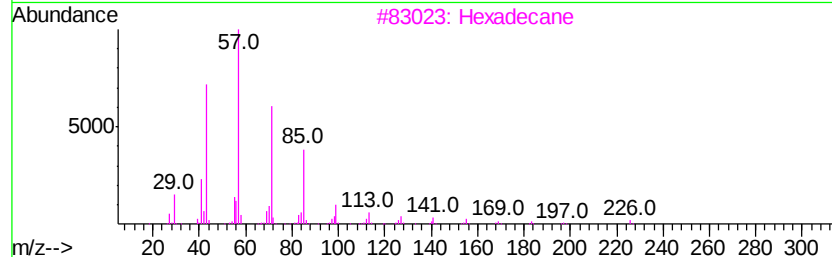
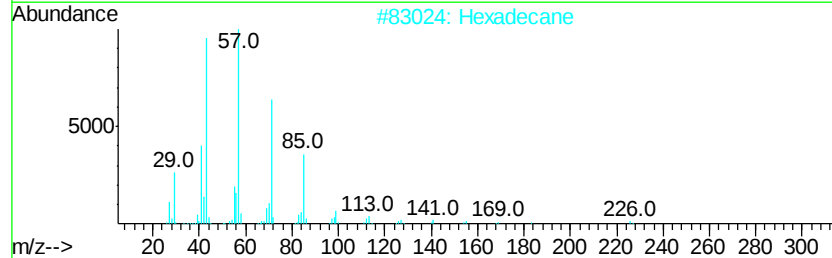
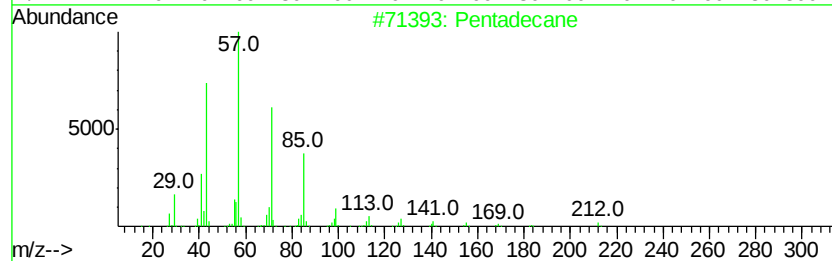
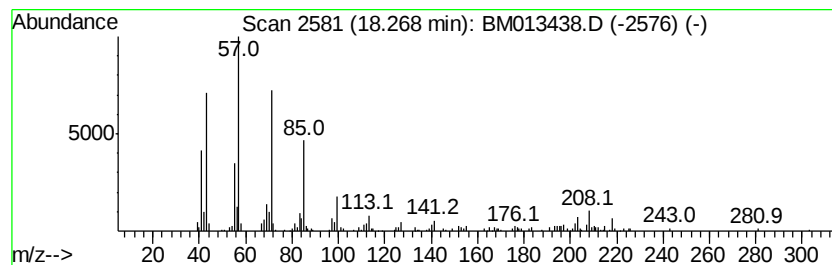
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.29 ng/ul	322082	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane	226	C16H34	000544-76-3	93
4			Tetracosane	338	C24H50	000646-31-1	81
5			Octacosane	394	C28H58	000630-02-4	81



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
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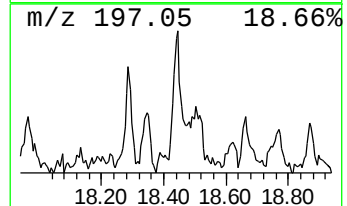
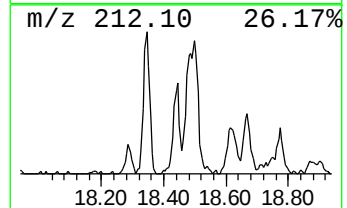
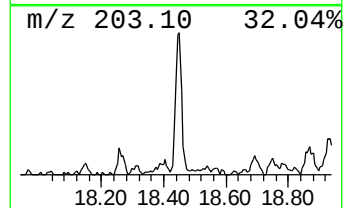
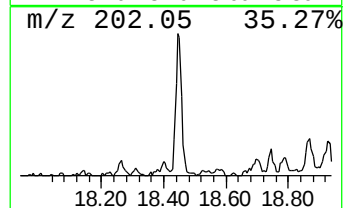
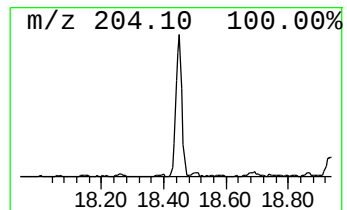
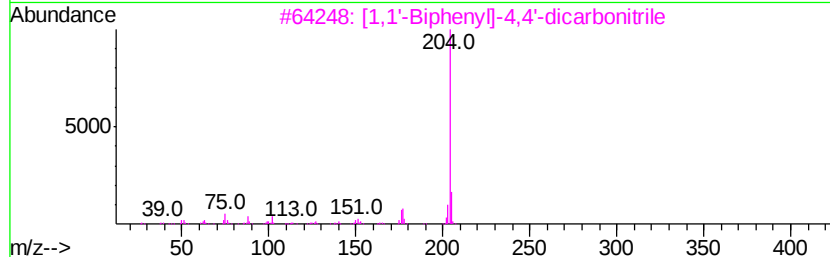
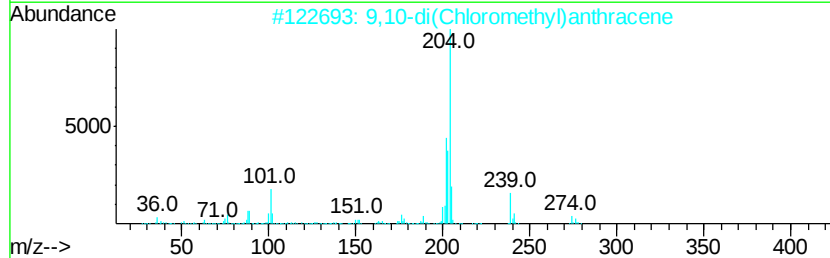
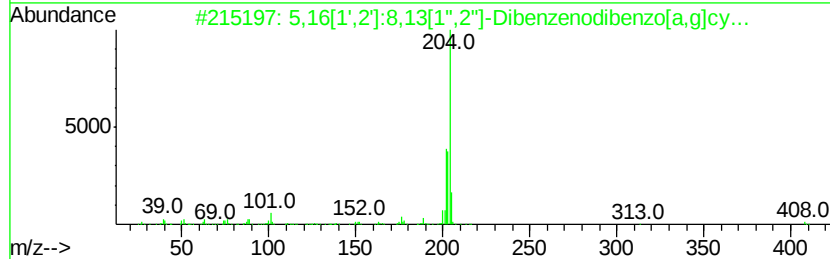
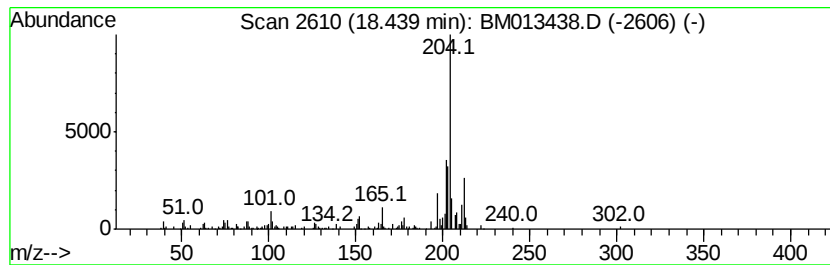
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.94 ng/ul	412182	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
2			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
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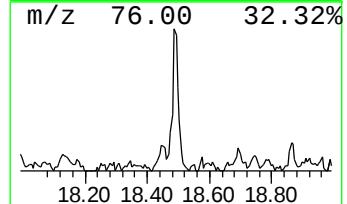
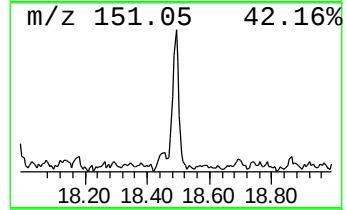
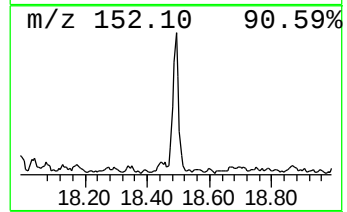
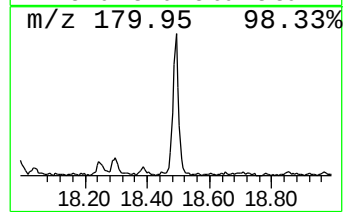
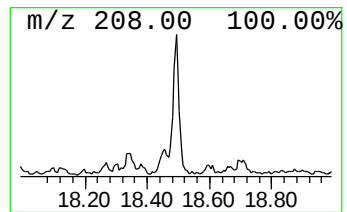
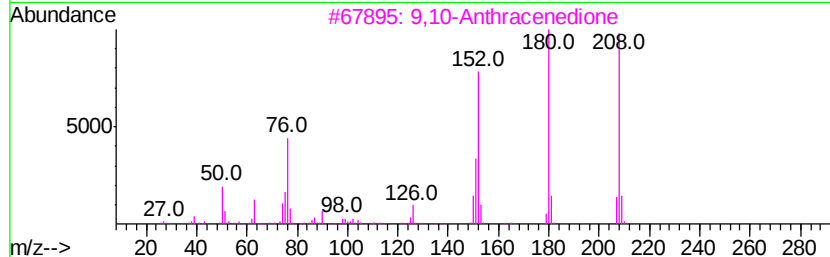
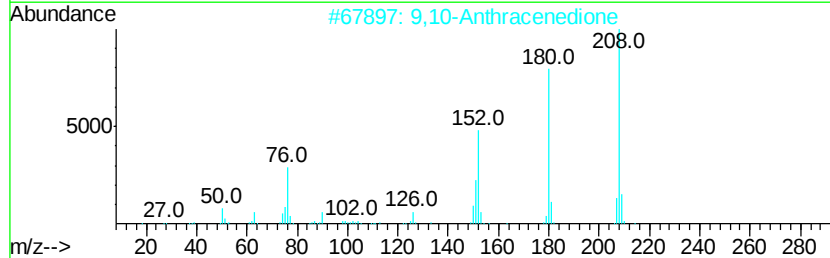
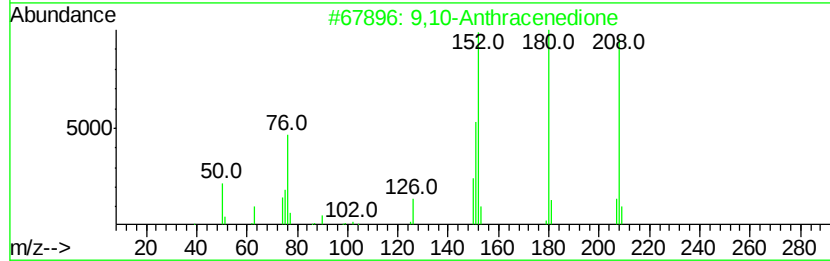
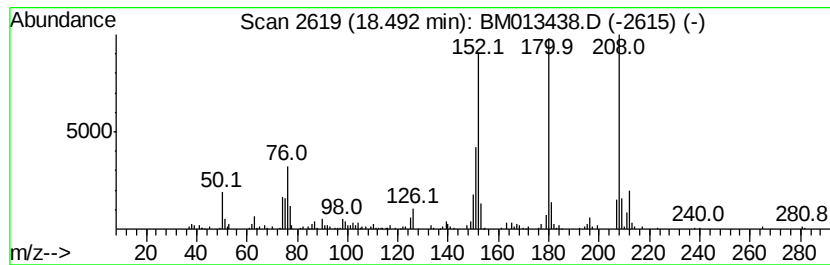
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.96 ng/ul	555608	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
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ALS Vial : 36 Sample Multiplier: 1

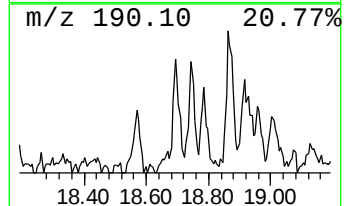
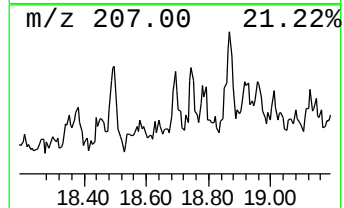
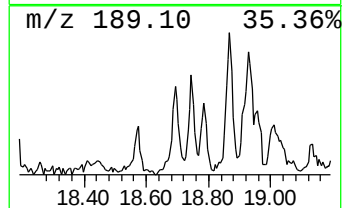
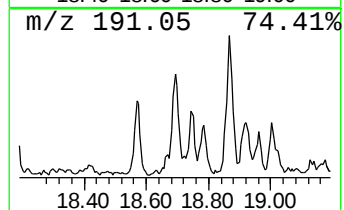
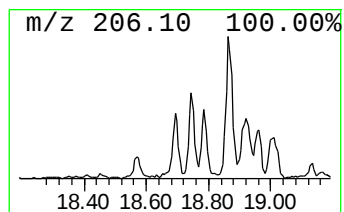
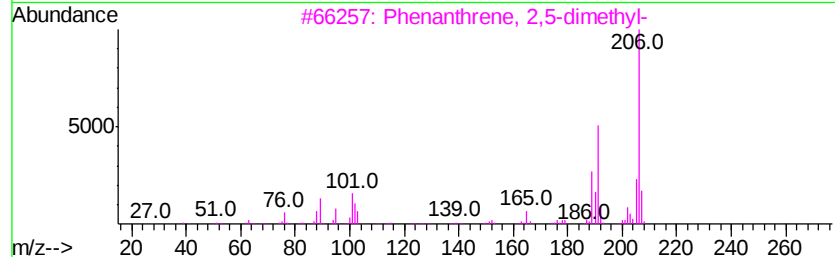
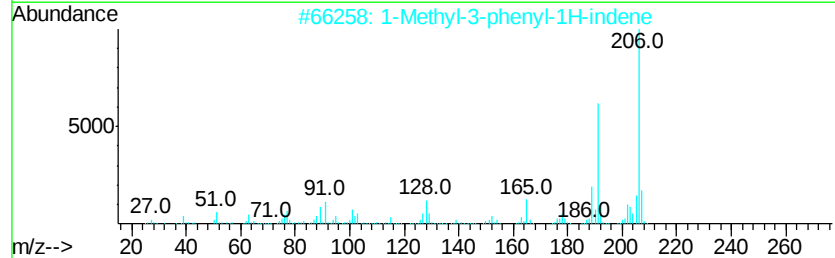
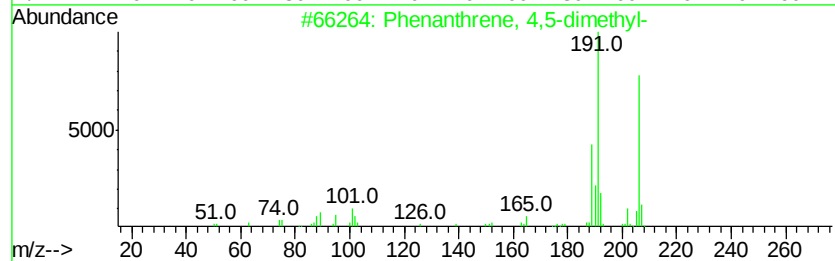
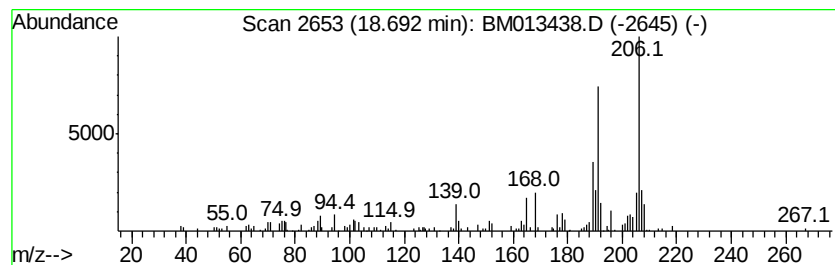
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.69	2.27 ng/ul	318719	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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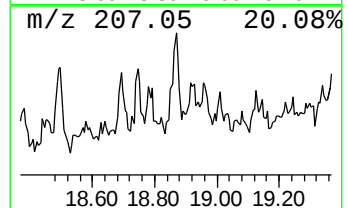
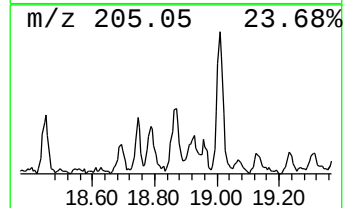
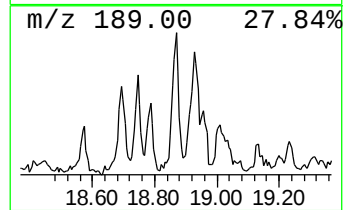
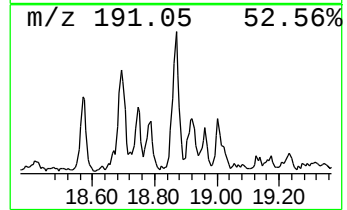
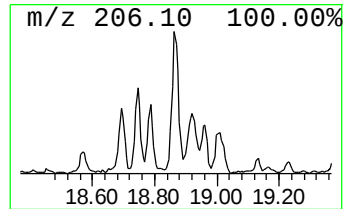
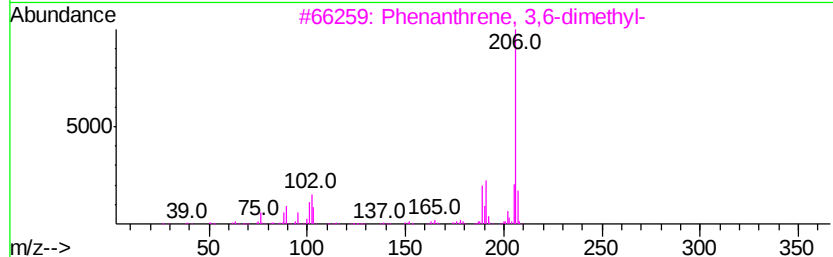
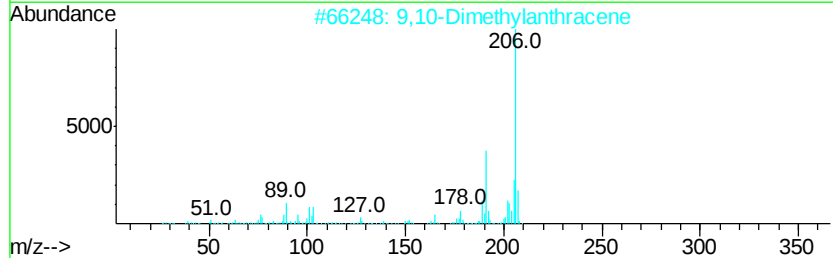
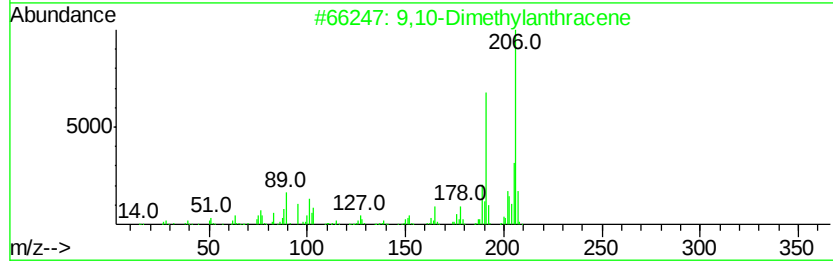
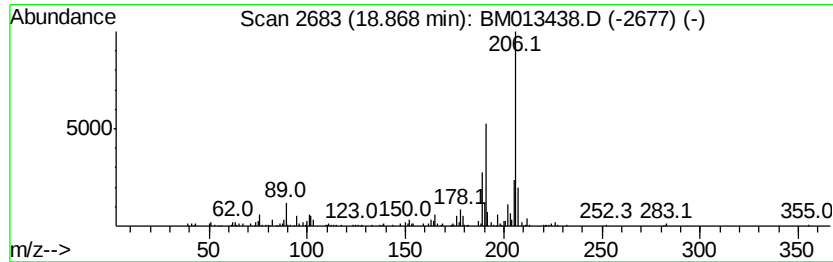
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9,10-Dimethylantracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.50 ng/ul	351187	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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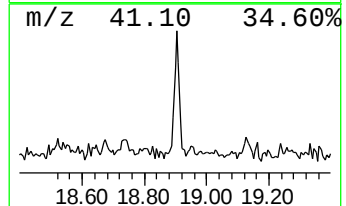
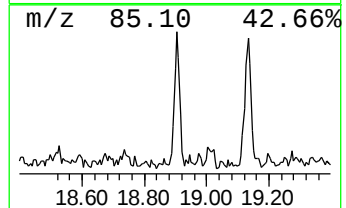
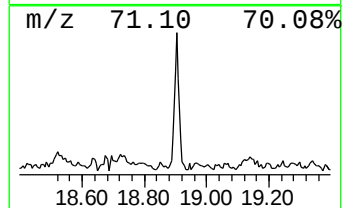
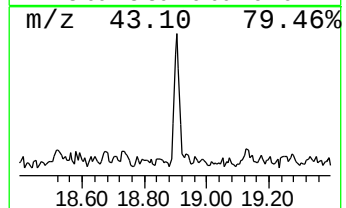
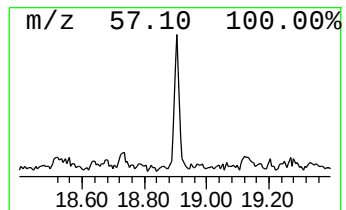
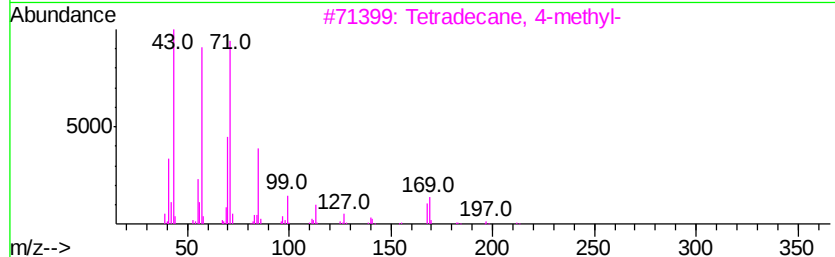
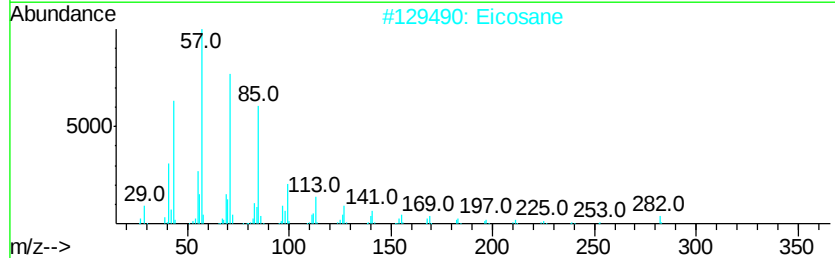
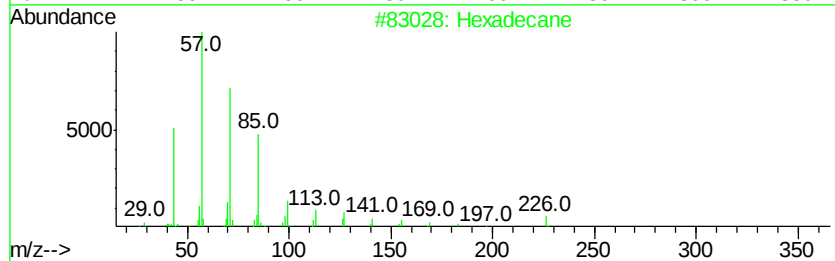
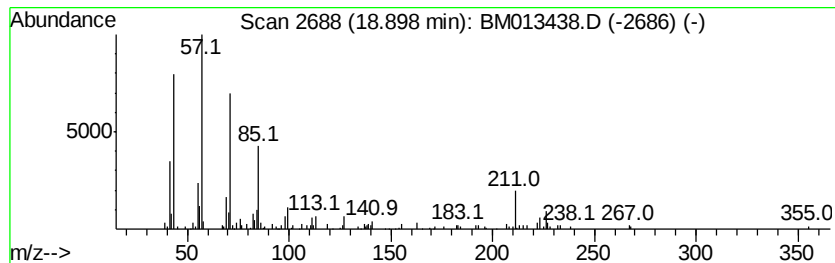
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.73 ng/ul	382816	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Eicosane	282	C20H42	000112-95-8	90
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
4			Hexadecane	226	C16H34	000544-76-3	74
5			Heneicosane	296	C21H44	000629-94-7	74



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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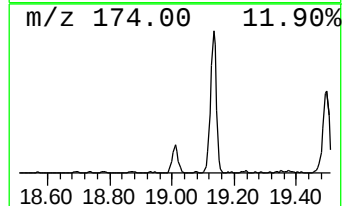
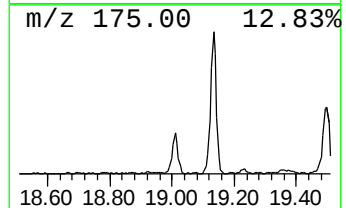
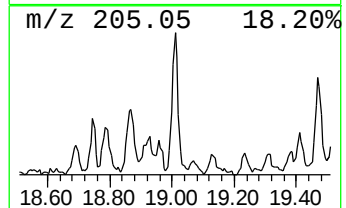
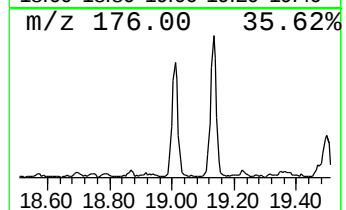
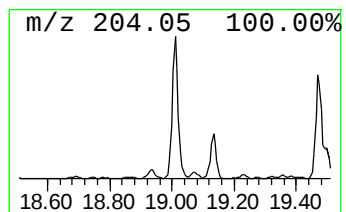
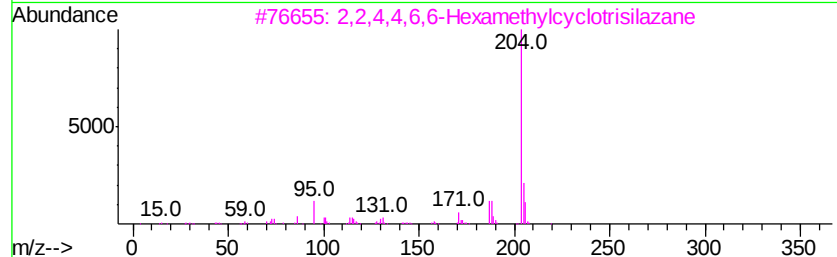
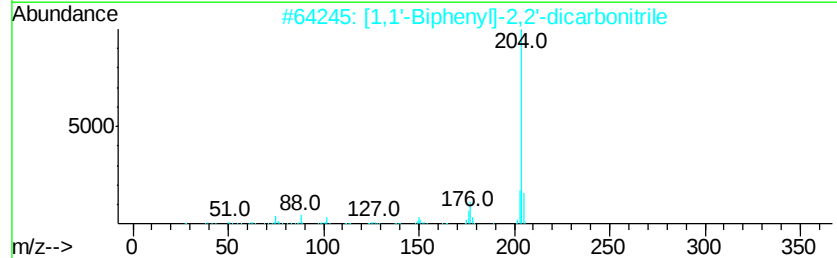
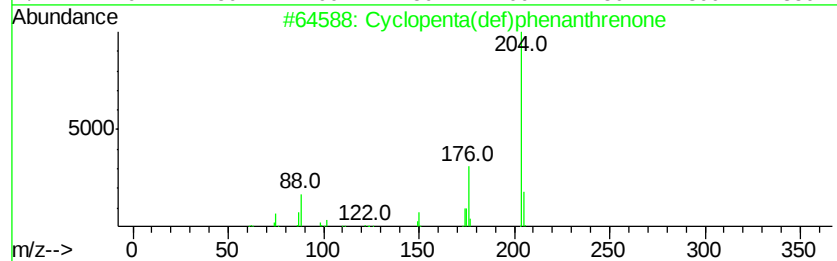
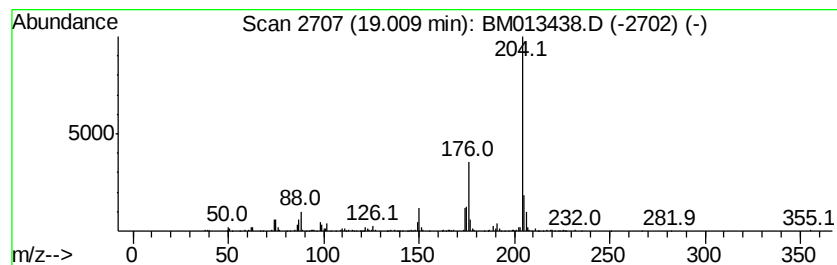
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	5.04 ng/ul	707898	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3			2,2,4,4,6,6-Hexamethylcyclotrisilazane	219	C6H21N3Si3	001009-93-4	49
4			Thiazole-5-carboxylic acid, 4-amino-	204	C6H8N2O2S2	060093-05-2	47
5			Ethyl 2,3,4,6-tetrakis-O-(trimethylsilyl)-1,3,5-triazine-2-carboxylate	496	C20H48O6Si4	1000365-90-0	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013438.D
Acq On : 15 Dec 2017 14:21
Operator : SJ/JU
Sample : I6759-11MEDL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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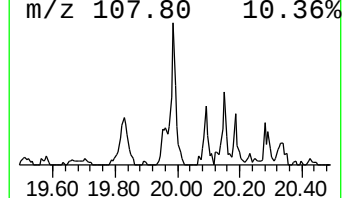
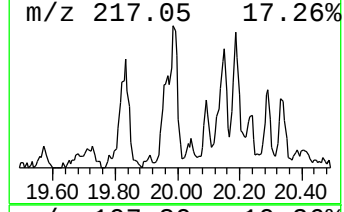
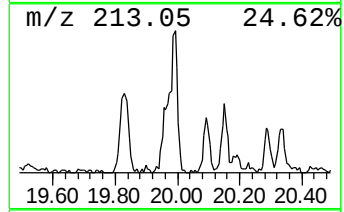
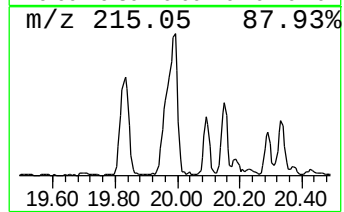
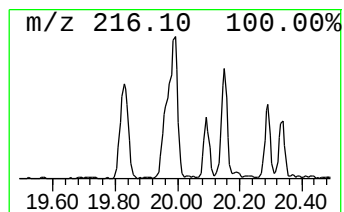
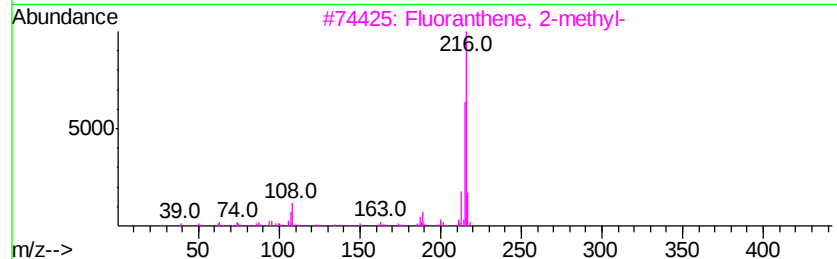
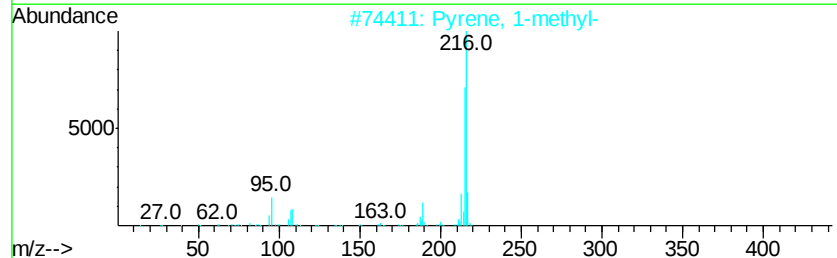
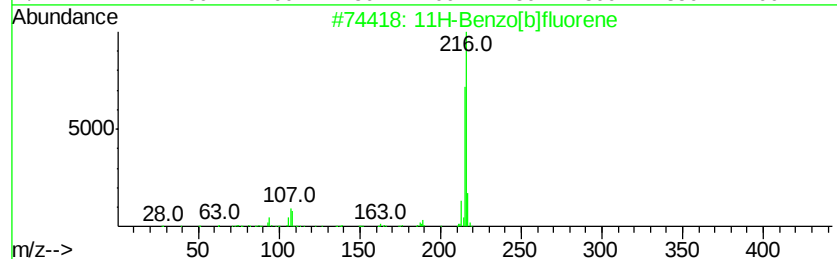
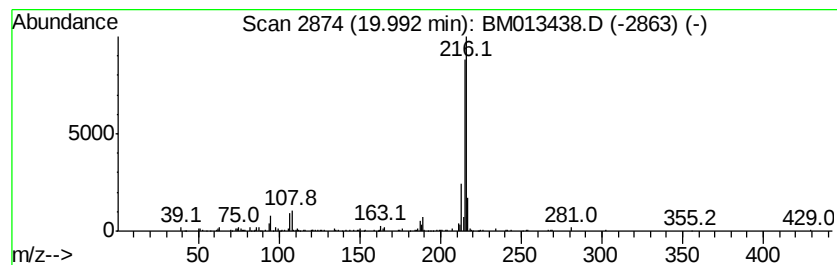
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.20 ng/ul	836557	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013438.D
 Acq On : 15 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I6759-11MEDL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.35	6.8	ng/ul	610252	2	10.46	1782840	20.0
Naphthalene, 1,6-...	13.47	3.3	ng/ul	394513	3	14.32	2411440	20.0
Naphthalene, 1,4-...	13.64	3.4	ng/ul	409872	3	14.32	2411440	20.0
Dibenzofuran, 4-m...	15.67	3.8	ng/ul	453576	3	14.32	2411440	20.0
(DEL) Alkane: Str...	16.05	3.3	ng/ul	457008	4	17.07	2807720	20.0
(DEL) Alkane: Str...	16.83	3.7	ng/ul	521056	4	17.07	2807720	20.0
Naphtho[2,1-b]thi...	16.89	4.9	ng/ul	683378	4	17.07	2807720	20.0
Nonadecane	17.57	3.0	ng/ul	418306	4	17.07	2807720	20.0
Anthracene, 2-met...	17.94	5.0	ng/ul	707420	4	17.07	2807720	20.0
Phenanthrene, 1-m...	17.99	6.3	ng/ul	892093	4	17.07	2807720	20.0
Anthracene, 1-met...	18.07	2.3	ng/ul	316362	4	17.07	2807720	20.0
4H-Cyclopenta[def...	18.14	9.5	ng/ul	1332560	4	17.07	2807720	20.0
Phenanthrene, 4-m...	18.17	2.2	ng/ul	314195	4	17.07	2807720	20.0
(DEL) Alkane: Str...	18.27	2.3	ng/ul	322082	4	17.07	2807720	20.0
5,16[1',2']:8,13[...	18.44	2.9	ng/ul	412182	4	17.07	2807720	20.0
9,10-Anthracenedione	18.49	4.0	ng/ul	555608	4	17.07	2807720	20.0
Phenanthrene, 4,5...	18.69	2.3	ng/ul	318719	4	17.07	2807720	20.0
9,10-Dimethylanthe...	18.87	2.5	ng/ul	351187	4	17.07	2807720	20.0
(DEL) Alkane: Str...	18.90	2.7	ng/ul	382816	4	17.07	2807720	20.0
Cyclopenta(def)ph...	19.01	5.0	ng/ul	707898	4	17.07	2807720	20.0
11H-Benzo[b]fluorene	19.99	3.2	ng/ul	836557	5	21.26	5221810	20.0