

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014444.D
 Acq On : 01 Mar 2018 21:59
 Operator : SJ/JU
 Sample : J1679-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE610

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-BM021418.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	4.663	281	285	290	rBV2	51225	80787	1.99%	0.153%
2	6.722	629	635	650	rVB	233572	487789	12.01%	0.923%
3	6.863	652	659	669	rBV2	189002	328031	8.08%	0.621%
4	7.057	685	692	699	rBV	295639	500318	12.32%	0.947%
5	7.510	763	769	781	rBV	412420	682097	16.80%	1.291%
6	8.245	888	894	906	rBV	316467	620396	15.28%	1.174%
7	8.675	961	967	980	rBV	294009	536532	13.21%	1.016%
8	9.387	1080	1088	1100	rBV3	250516	495808	12.21%	0.939%
9	9.934	1175	1181	1197	rBV	307659	683806	16.84%	1.295%
10	10.287	1233	1241	1246	rBV	616951	1070530	26.37%	2.027%
11	10.334	1246	1249	1257	rVB	78178	123974	3.05%	0.235%
12	10.451	1262	1269	1283	rBV2	189307	453860	11.18%	0.859%
13	11.969	1521	1527	1532	rBV2	38201	67004	1.65%	0.127%
14	12.186	1558	1564	1569	rBV2	35248	62526	1.54%	0.118%
15	13.492	1778	1786	1791	rBV4	45100	96809	2.38%	0.183%
16	13.545	1791	1795	1798	rVV4	32116	43164	1.06%	0.082%
17	13.592	1798	1803	1808	rVV	698720	1000388	24.64%	1.894%
18	13.645	1808	1812	1819	rVB	164441	236650	5.83%	0.448%
19	13.863	1839	1849	1864	rBV	819257	1379813	33.98%	2.612%
20	14.075	1879	1885	1894	rBV4	56038	89270	2.20%	0.169%
21	14.175	1894	1902	1908	rVV2	963320	1516172	37.34%	2.870%
22	14.239	1908	1913	1924	rVB	182207	309740	7.63%	0.586%
23	14.474	1947	1953	1963	rBV3	146362	400594	9.87%	0.758%
24	14.580	1966	1971	1976	rBV	109984	165618	4.08%	0.314%
25	14.651	1981	1983	1988	rVB5	30623	50246	1.24%	0.095%
26	14.969	2029	2037	2042	rBV7	23283	49444	1.22%	0.094%
27	15.033	2044	2048	2058	rVB5	54423	83535	2.06%	0.158%
28	15.174	2067	2072	2078	rBV	989030	1440975	35.49%	2.728%
29	15.233	2078	2082	2091	rVB2	201614	313223	7.71%	0.593%
30	15.351	2095	2102	2107	rBV4	102945	199652	4.92%	0.378%
31	15.533	2128	2133	2138	rBV2	53434	84262	2.08%	0.160%
32	15.680	2154	2158	2166	rVB2	50723	103377	2.55%	0.196%
33	15.904	2190	2196	2198	rBV5	74401	117876	2.90%	0.223%
34	16.239	2243	2253	2258	rBV7	69437	172824	4.26%	0.327%

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35	16.292	2258	2262	2267	rVB3	36968	54193	1.33%	0.103%
36	16.357	2267	2273	2275	rBV5	26090	45846	1.13%	0.087%
37	16.474	2290	2293	2296	rBV4	33590	42439	1.05%	0.080%
38	16.510	2296	2299	2303	rVB4	40957	49542	1.22%	0.094%
39	16.604	2310	2315	2320	rVB3	106038	165856	4.08%	0.314%
40	16.674	2321	2327	2328	rVV5	50044	73014	1.80%	0.138%
41	16.692	2328	2330	2334	rVV4	68633	96262	2.37%	0.182%
42	16.757	2336	2341	2350	rVB2	111385	206777	5.09%	0.391%
43	16.939	2365	2372	2375	rBV	1245602	1811518	44.61%	3.429%
44	16.980	2375	2379	2384	rVV	2145065	2906091	71.57%	5.502%
45	17.033	2384	2388	2392	rVV	1065633	1647334	40.57%	3.119%
46	17.068	2392	2394	2400	rVV	391594	500285	12.32%	0.947%
47	17.139	2400	2406	2411	rVV5	49477	97034	2.39%	0.184%
48	17.268	2423	2428	2431	rBV7	23335	45183	1.11%	0.086%
49	17.357	2434	2443	2450	rBV	236513	474121	11.68%	0.898%
50	17.457	2457	2460	2467	rVV8	33585	55143	1.36%	0.104%
51	17.527	2467	2472	2480	rVB4	56090	126422	3.11%	0.239%
52	17.657	2491	2494	2501	rVB5	44712	79255	1.95%	0.150%
53	17.810	2515	2520	2523	rBV	308175	431318	10.62%	0.817%
54	17.863	2523	2529	2535	rVV2	494327	1029040	25.34%	1.948%
55	17.945	2539	2543	2548	rVV2	119529	183877	4.53%	0.348%
56	18.010	2548	2554	2557	rVV2	397503	690842	17.01%	1.308%
57	18.045	2557	2560	2569	rVB	207864	335444	8.26%	0.635%
58	18.133	2571	2575	2578	rBV6	48688	70173	1.73%	0.133%
59	18.174	2579	2582	2587	rVV5	38710	57346	1.41%	0.109%
60	18.215	2587	2589	2594	rBV6	32605	50002	1.23%	0.095%
61	18.321	2603	2607	2612	rBV	180671	247952	6.11%	0.469%
62	18.380	2612	2617	2623	rVB2	262250	400325	9.86%	0.758%
63	18.568	2646	2649	2654	rVB3	66024	92489	2.28%	0.175%
64	18.621	2655	2658	2662	rVB2	71833	92730	2.28%	0.176%
65	18.662	2662	2665	2669	rBV5	69725	80381	1.98%	0.152%
66	18.739	2674	2678	2683	rBV	188138	325906	8.03%	0.617%
67	18.892	2699	2704	2710	rBV3	137221	269178	6.63%	0.510%
68	19.009	2718	2724	2730	rBV	2880352	3789189	93.32%	7.173%
69	19.109	2739	2741	2743	rBV3	60318	67758	1.67%	0.128%
70	19.139	2743	2746	2756	rVB4	173051	292976	7.22%	0.555%
71	19.233	2759	2762	2764	rBV2	71674	99720	2.46%	0.189%

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72	19.351	2776	2782	2784	rBV2	1745281	2666391	65.67%	5.048%
73	19.380	2784	2787	2795	rVV	2288554	2927384	72.10%	5.542%
74	19.457	2796	2800	2803	rVV3	124602	173408	4.27%	0.328%
75	19.562	2815	2818	2824	rVB	131347	163507	4.03%	0.310%
76	19.715	2838	2844	2850	rBV3	163198	387992	9.56%	0.735%
77	19.880	2863	2872	2877	rVB	365577	802402	19.76%	1.519%
78	19.980	2886	2889	2892	rBV	246666	283832	6.99%	0.537%
79	20.174	2920	2922	2926	rBV	129277	150586	3.71%	0.285%
80	20.221	2927	2930	2936	rVB	140466	198529	4.89%	0.376%
81	20.639	2997	3001	3007	rBV	282185	390622	9.62%	0.739%
82	20.798	3024	3028	3031	rBV	330000	429401	10.58%	0.813%
83	20.833	3031	3034	3037	rVV	265722	377803	9.30%	0.715%
84	20.868	3037	3040	3048	rVV4	402326	786663	19.37%	1.489%
85	20.939	3049	3052	3058	rVB	302843	422409	10.40%	0.800%
86	21.151	3082	3088	3092	rBV3	2137225	4060386	100.00%	7.687%
87	21.192	3092	3095	3104	rVB	1233062	1541752	37.97%	2.919%
88	21.303	3112	3114	3118	rVB	213251	216233	5.33%	0.409%
89	22.656	3341	3344	3345	rBV	235317	261609	6.44%	0.495%
90	22.692	3346	3350	3354	rVV	611261	1164816	28.69%	2.205%
91	23.145	3424	3427	3431	rBV	321294	443295	10.92%	0.839%
92	23.197	3431	3436	3440	rVV2	819804	1372459	33.80%	2.598%
93	23.239	3440	3443	3450	rVB	698743	1125332	27.71%	2.130%
94	23.333	3454	3459	3463	rBV	818923	1346408	33.16%	2.549%

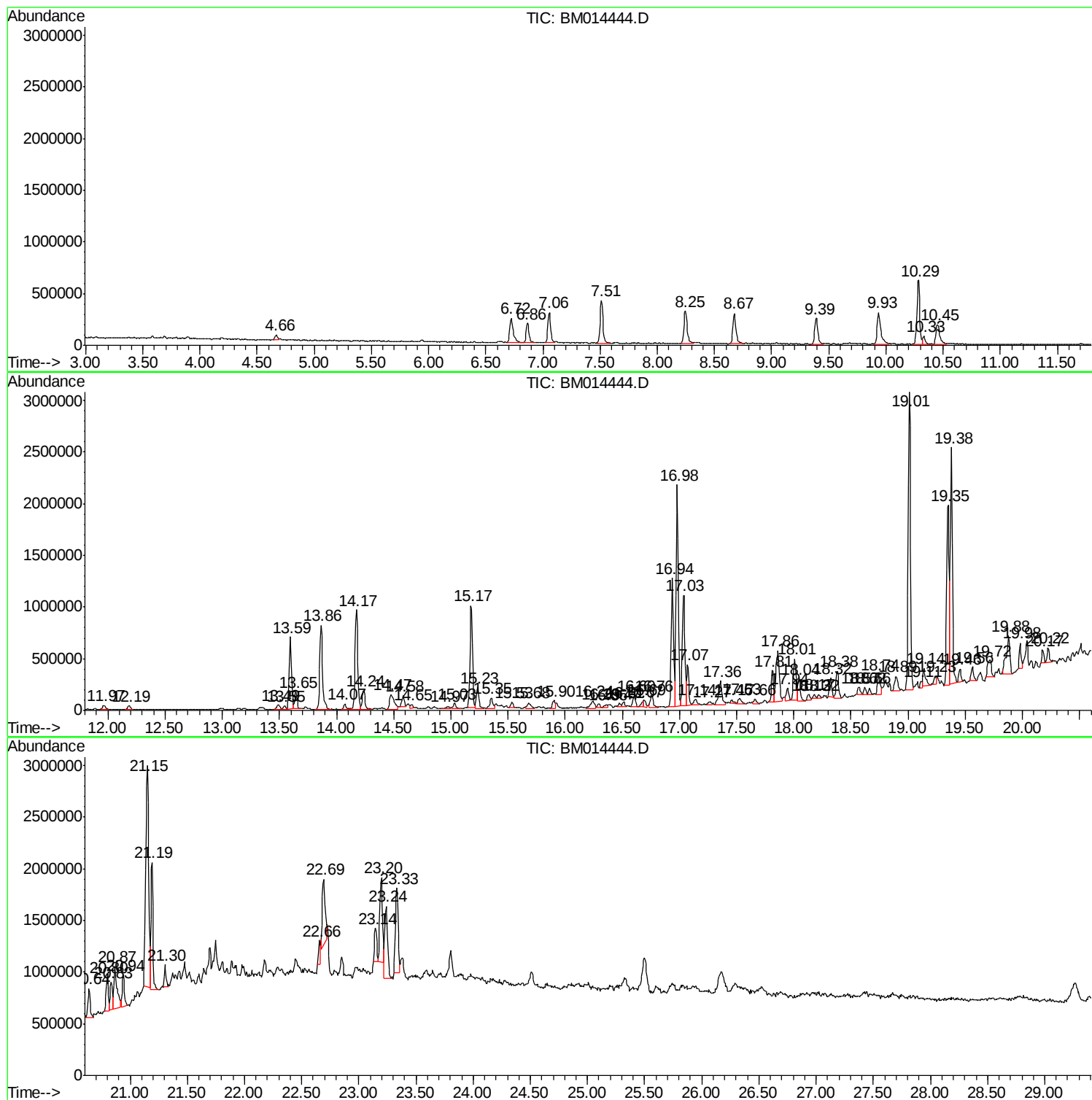
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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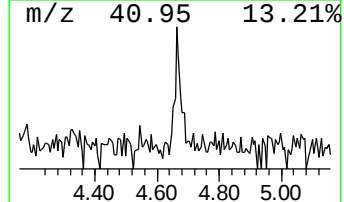
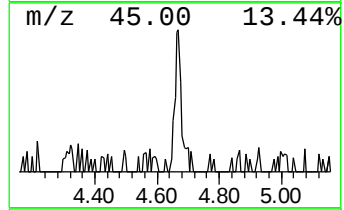
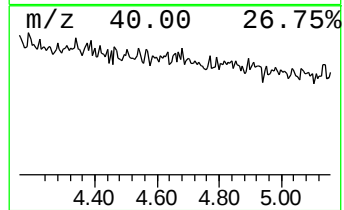
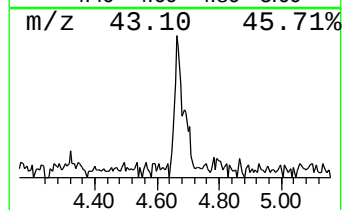
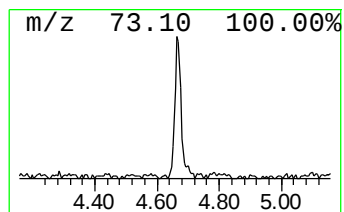
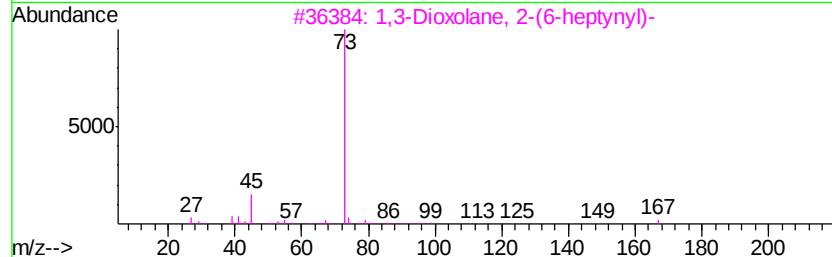
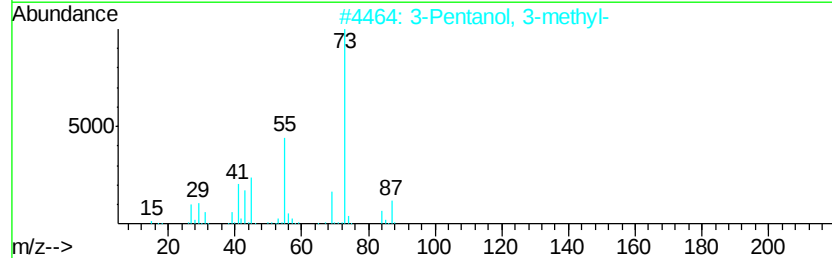
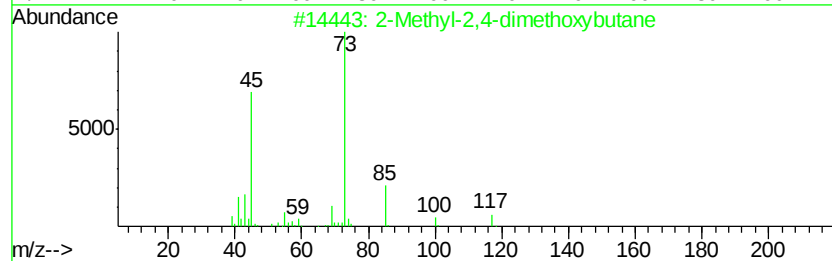
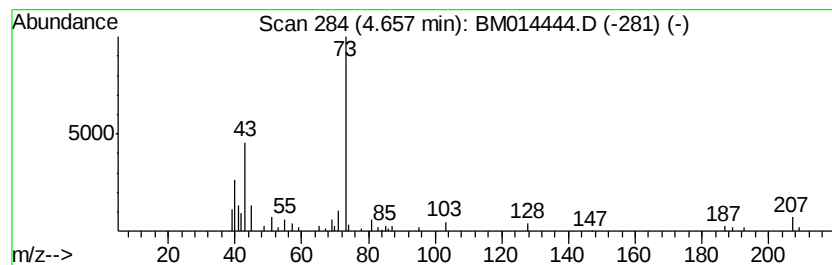
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	2.37 ng/ul	80787	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-2,4-dimethoxybutane	132	C7H16O2	039836-89-0	38
2		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3		1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	25
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5		Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	17



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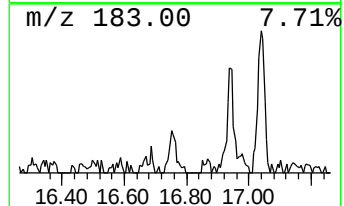
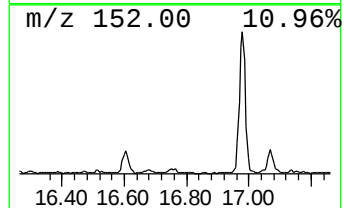
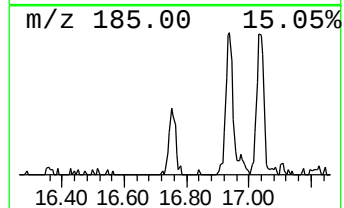
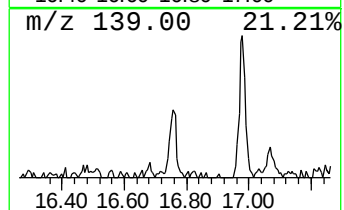
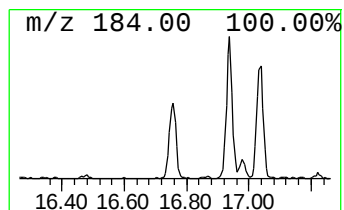
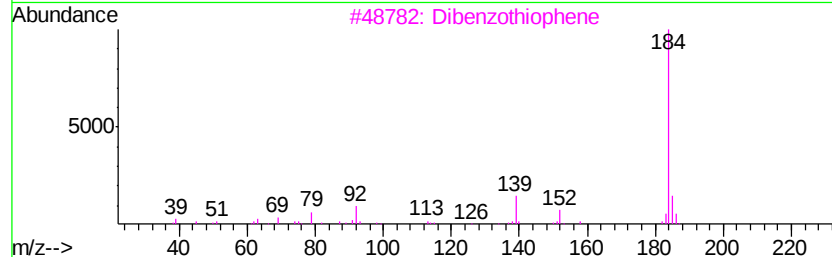
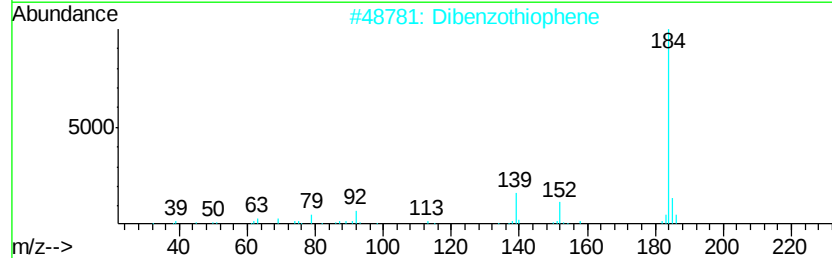
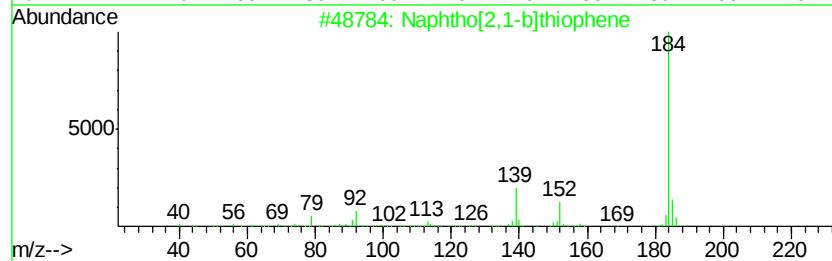
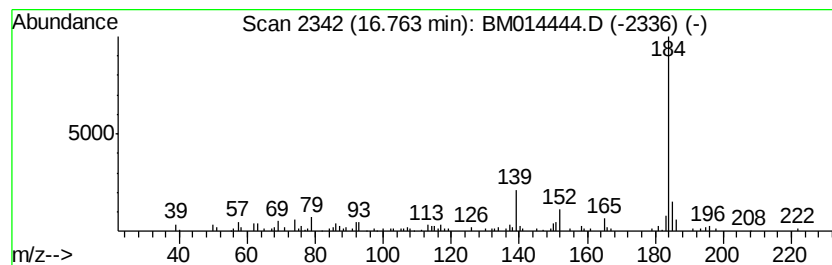
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.76	2.28 ng/ul	206777	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
2		Dibenzothiophene	184	C12H8S	000132-65-0	90
3		Dibenzothiophene	184	C12H8S	000132-65-0	87
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87



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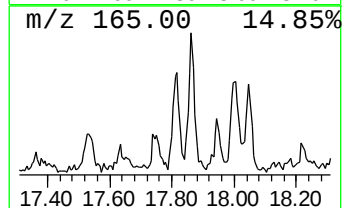
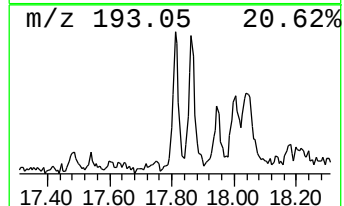
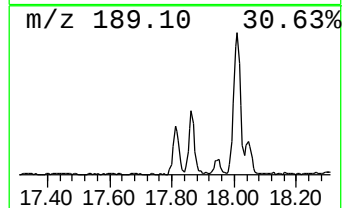
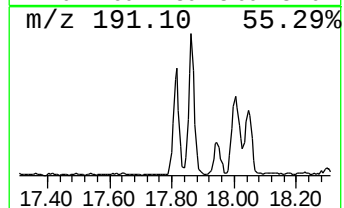
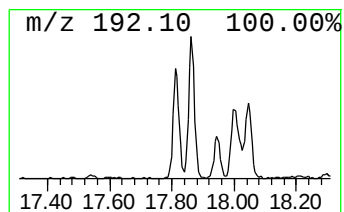
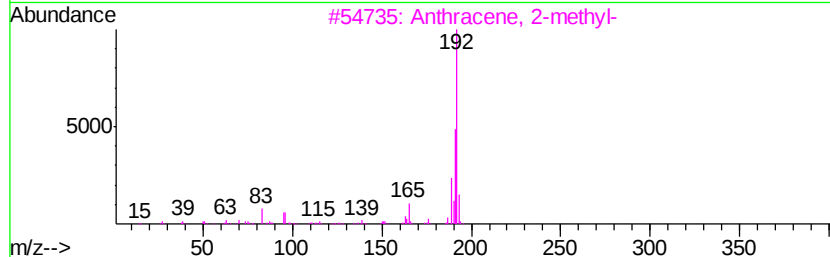
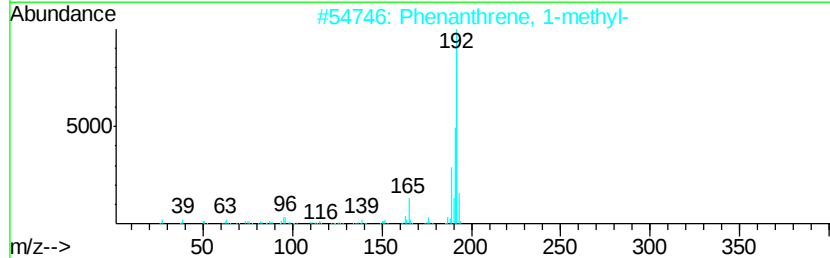
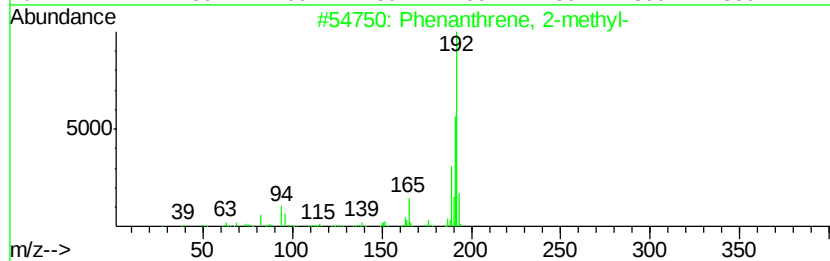
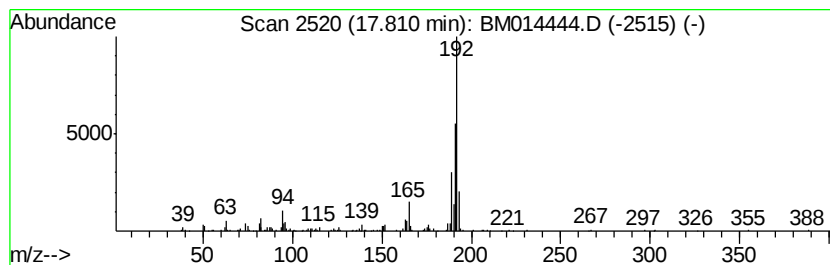
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	4.76 ng/ul	431318	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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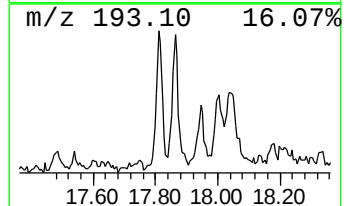
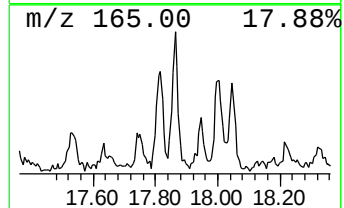
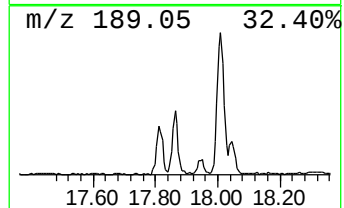
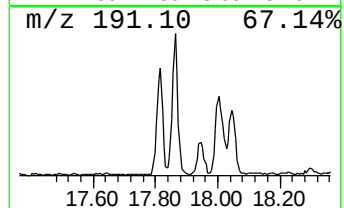
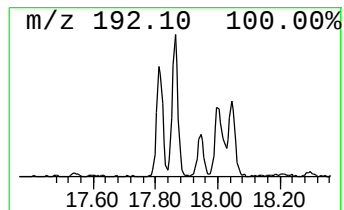
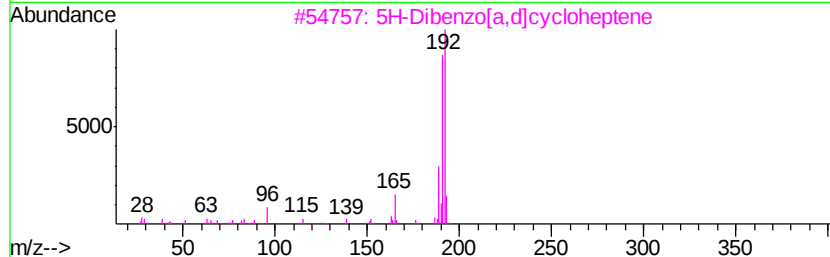
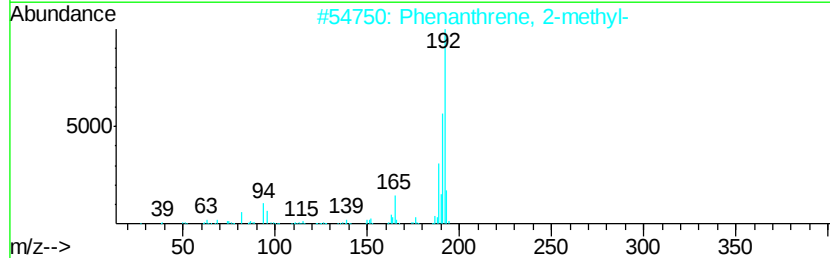
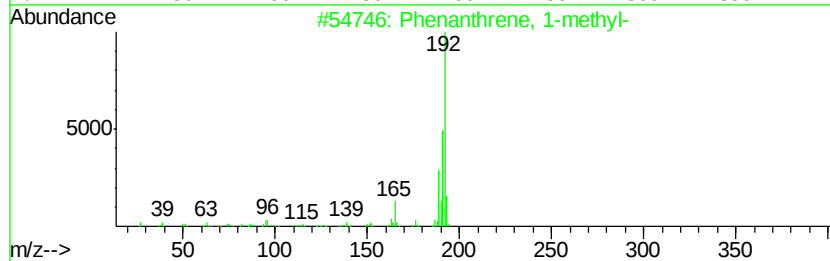
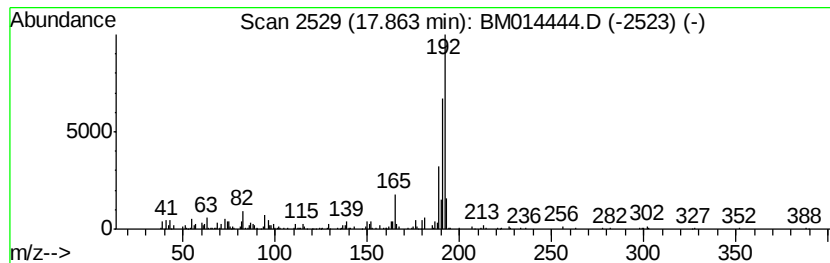
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	11.36 ng/ul	1029040	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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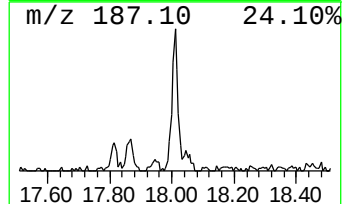
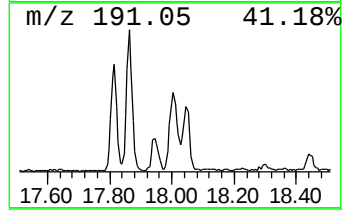
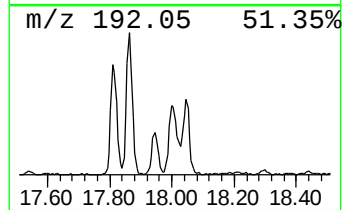
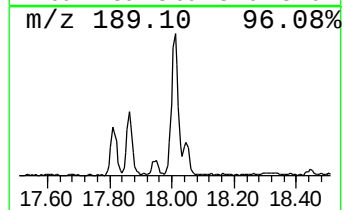
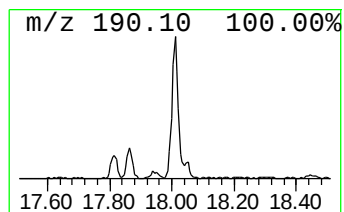
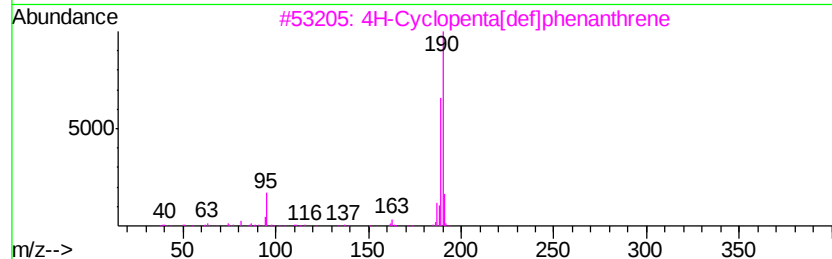
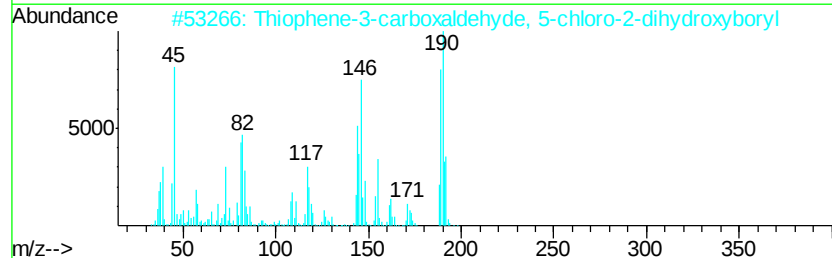
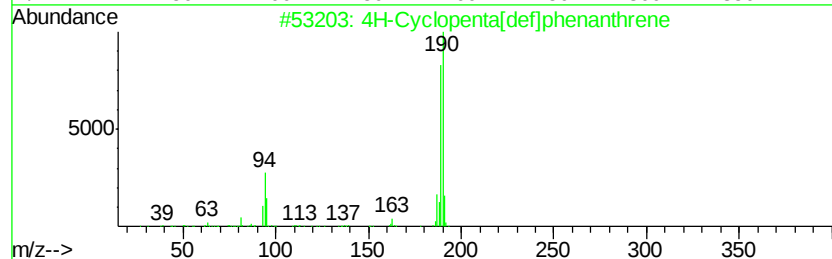
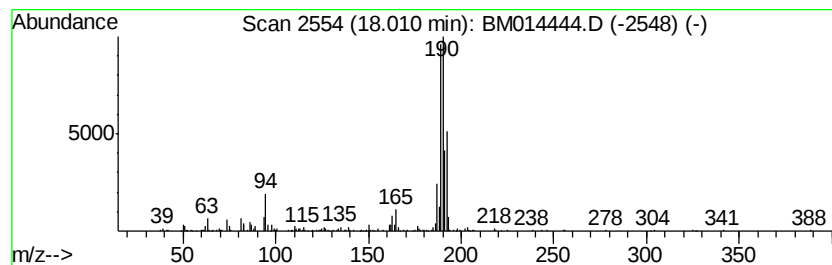
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	7.63 ng/ul	690842	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
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Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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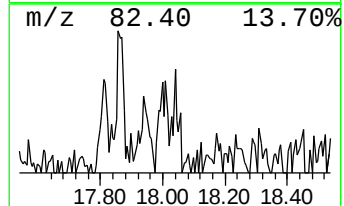
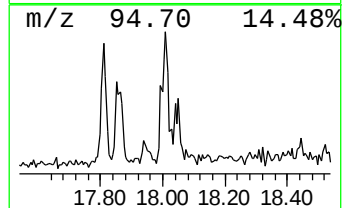
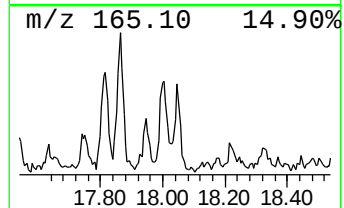
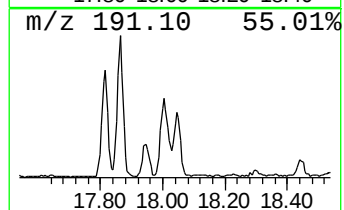
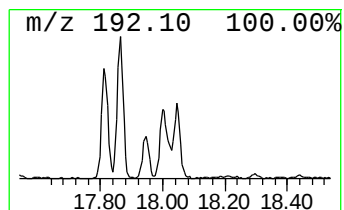
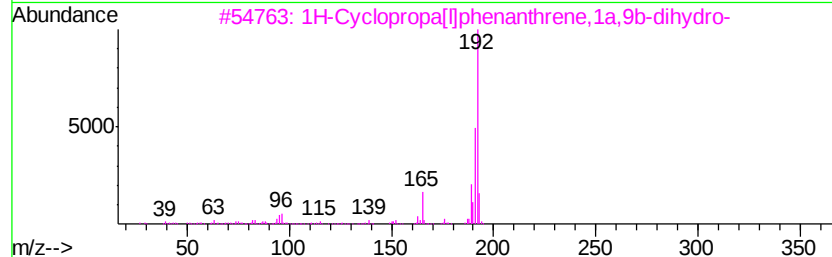
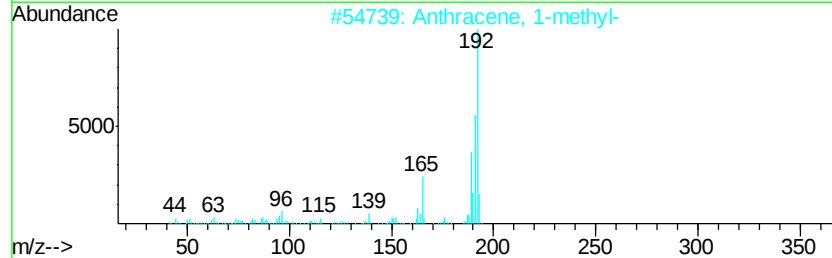
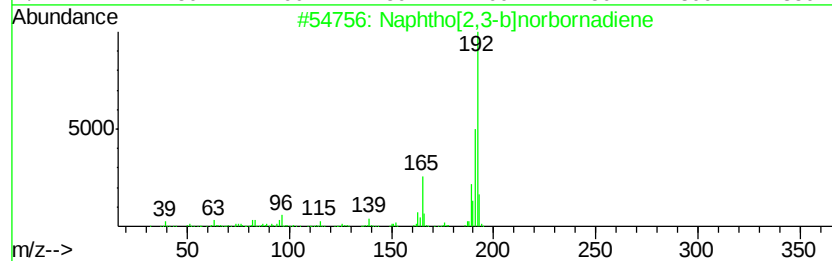
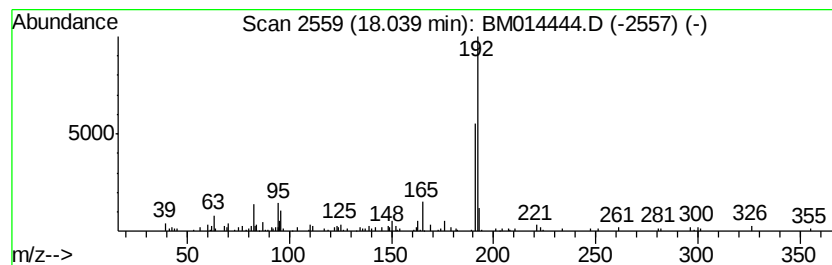
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.70 ng/ul	335444	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	80
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	72
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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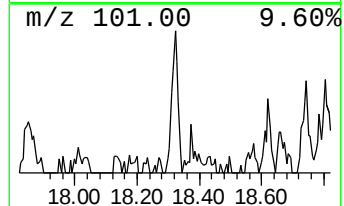
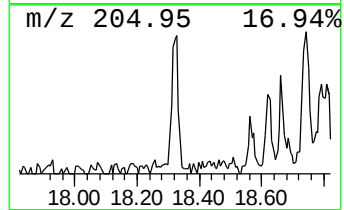
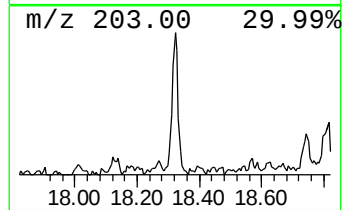
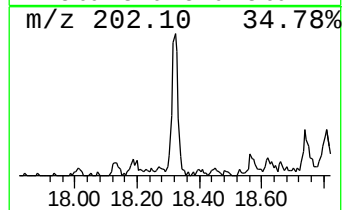
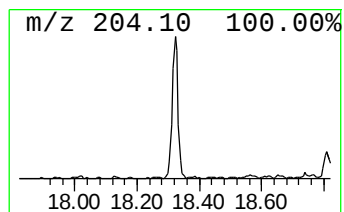
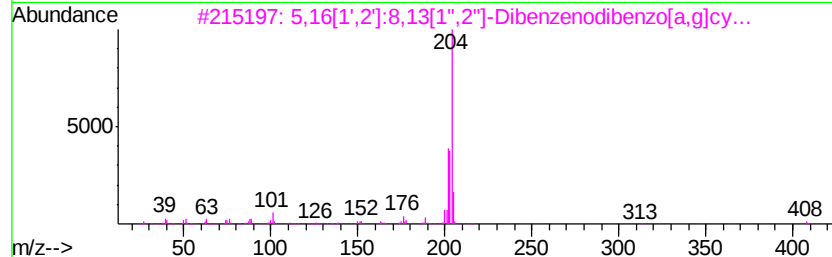
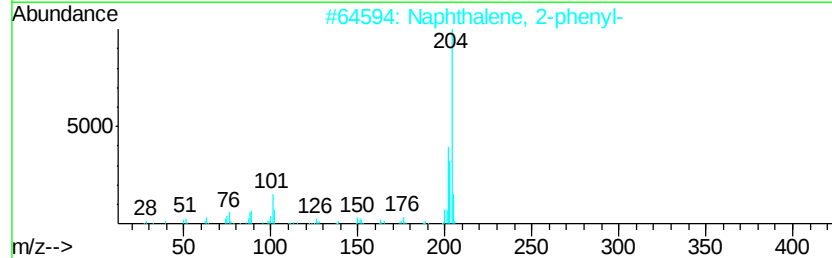
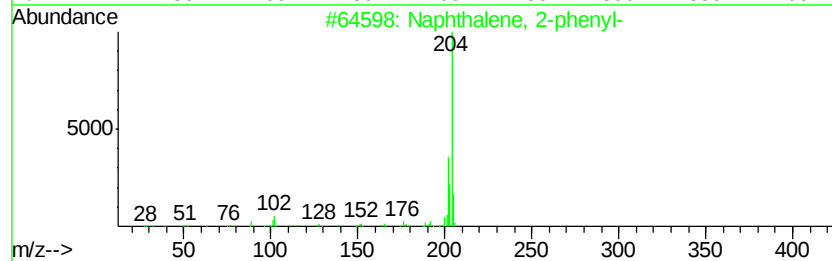
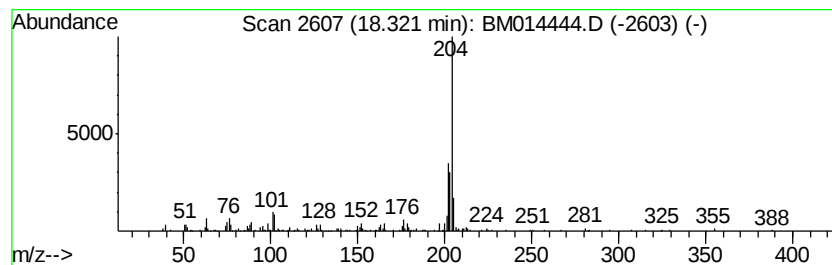
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.74 ng/ul	247952	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3		5,16[1',2']: ^{8,13} [1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
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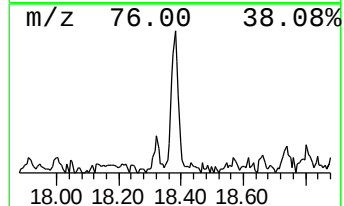
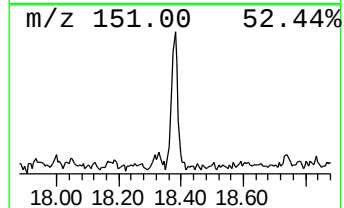
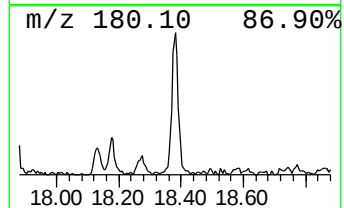
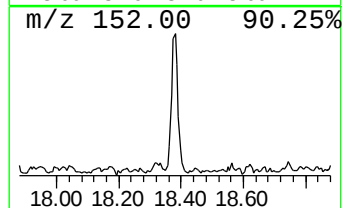
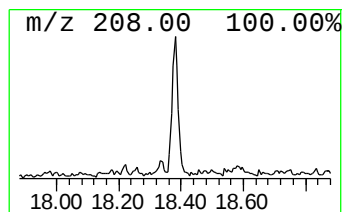
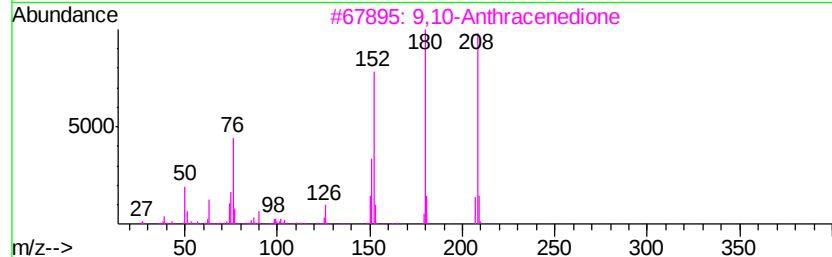
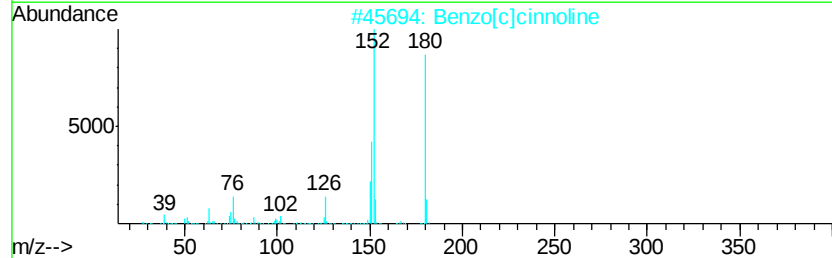
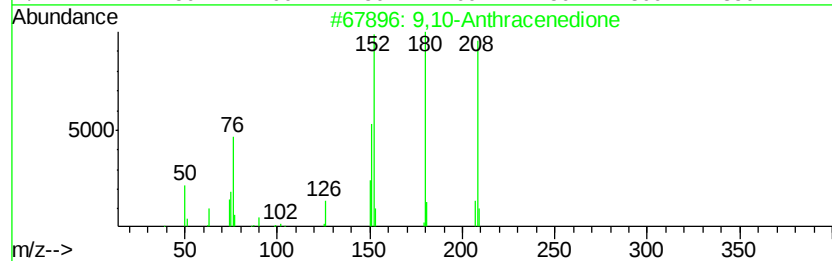
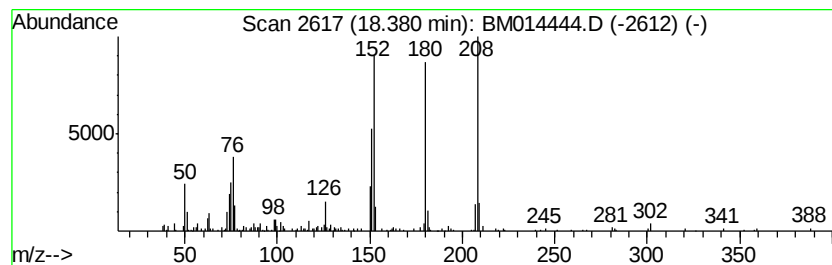
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.38	4.42 ng/ul	400325	Phenanthrene-d10		16.94		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5			9,10-Anthracenedione	208	C14H8O2	000084-65-1	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
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Acq On : 01 Mar 2018 21:59
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Instrument :
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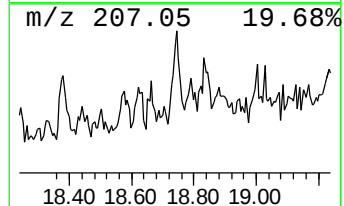
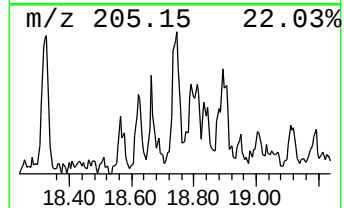
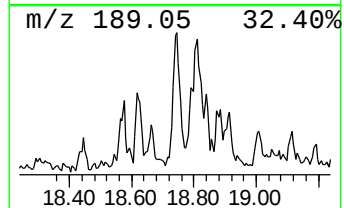
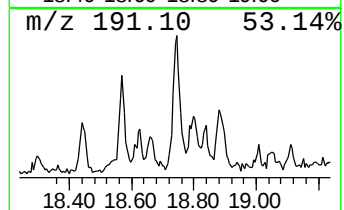
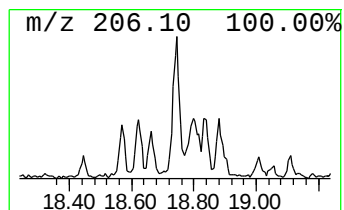
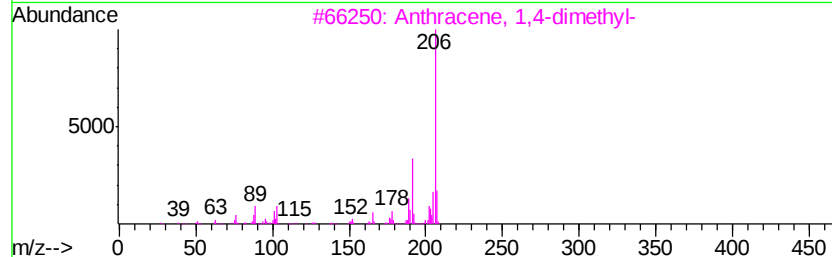
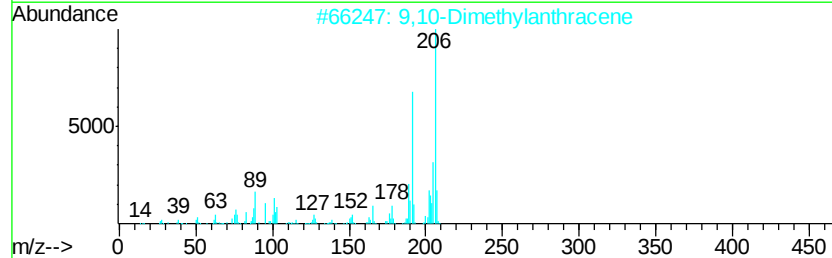
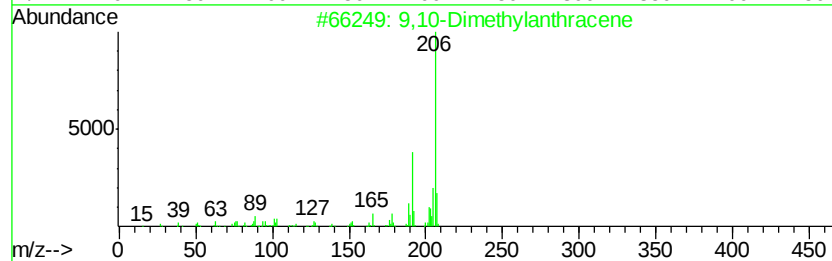
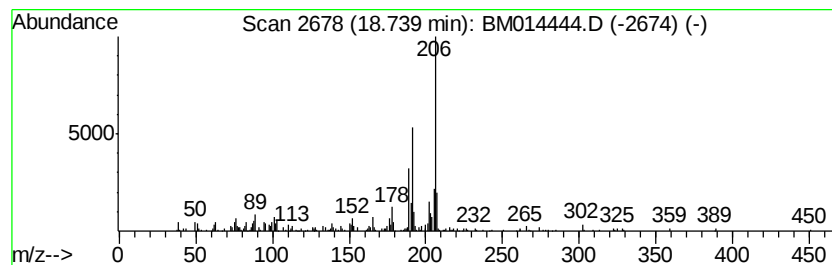
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	3.60 ng/ul	325906	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
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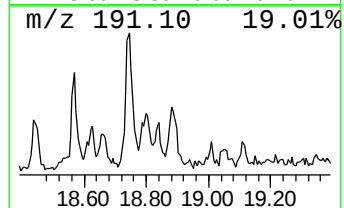
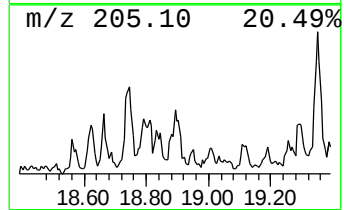
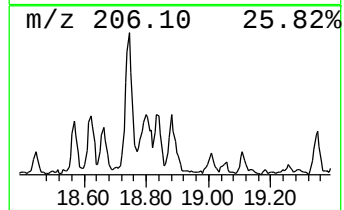
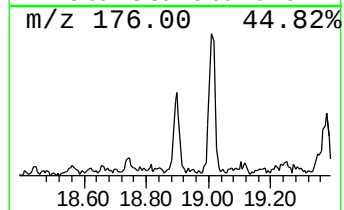
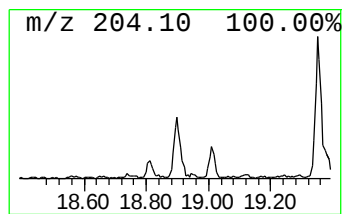
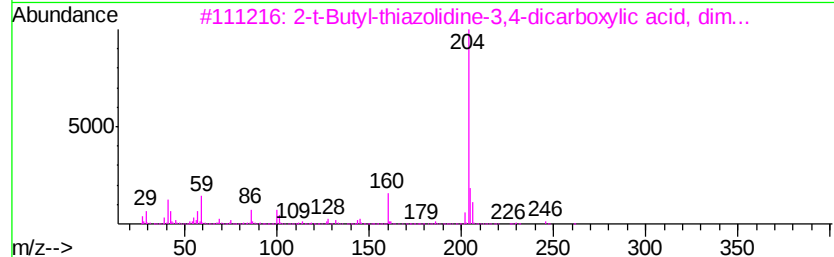
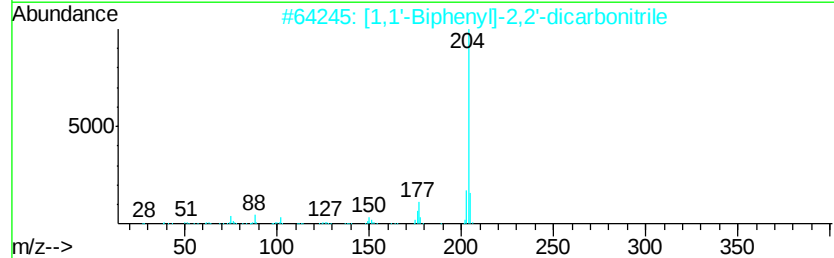
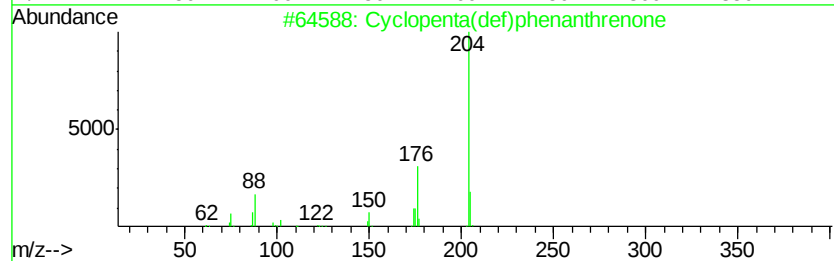
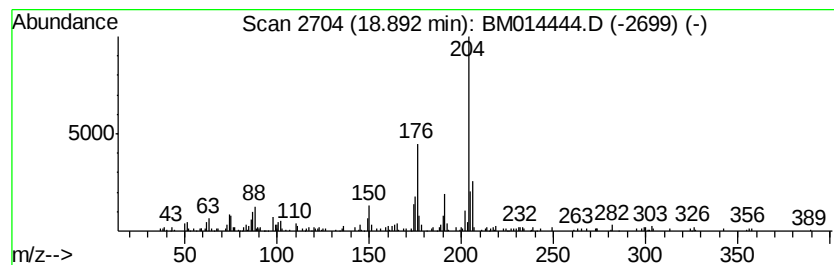
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.97 ng/ul	269178	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3		2-t-Butyl-thiazolidine-3,4-dicar...	261	C11H19N04S	1000192-60-1	46
4		Gulose, 2,3,4,5,6-pentakis-O-(tr...	540	C21H52O6Si5	056192-86-0	43
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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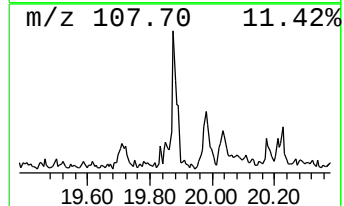
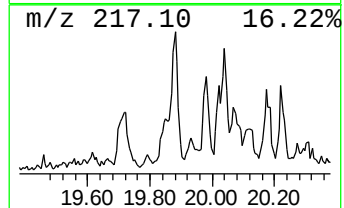
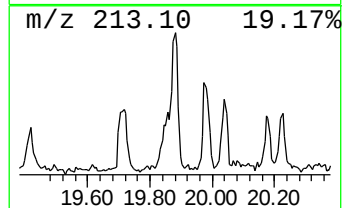
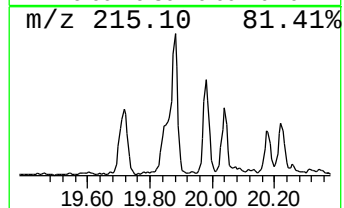
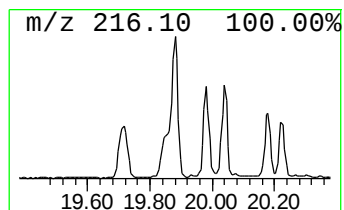
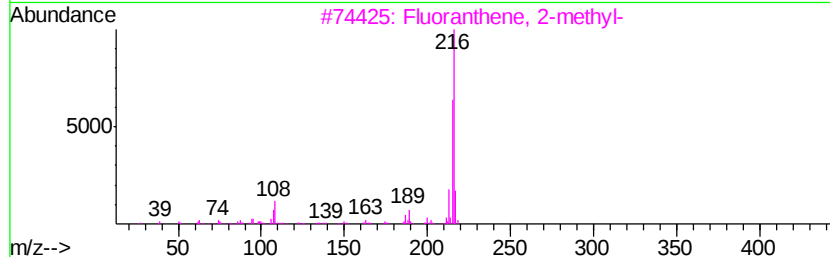
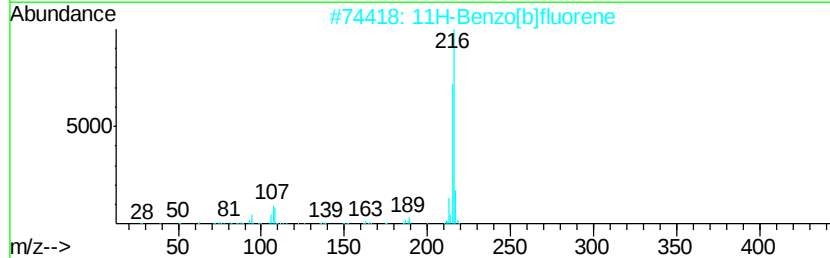
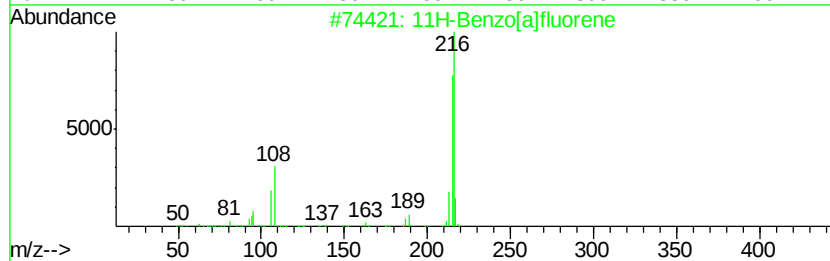
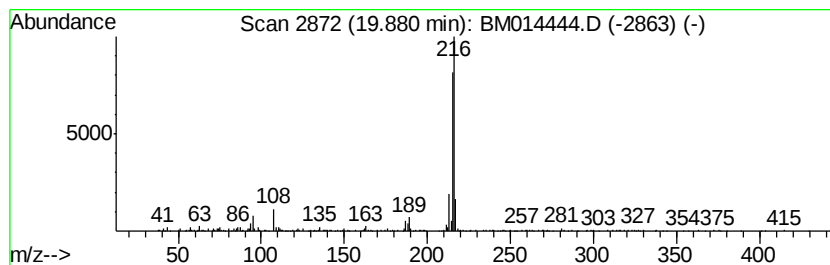
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.95 ng/ul	802402	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

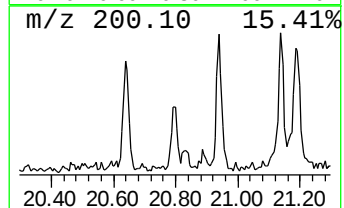
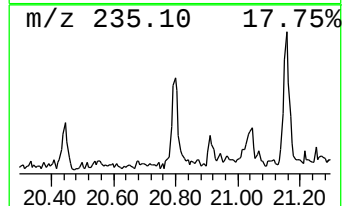
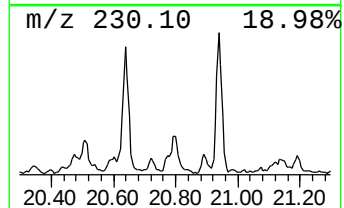
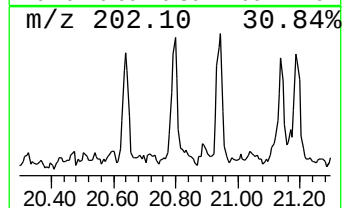
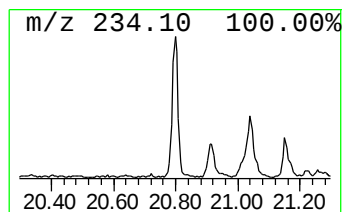
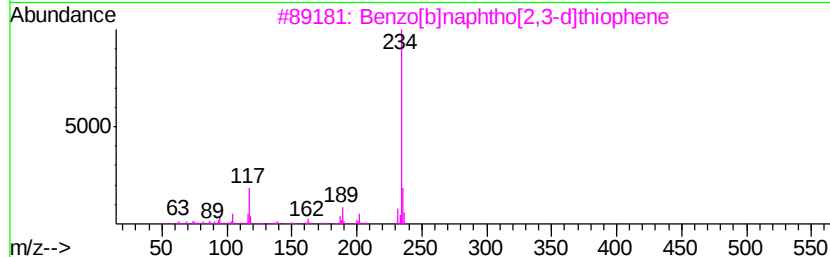
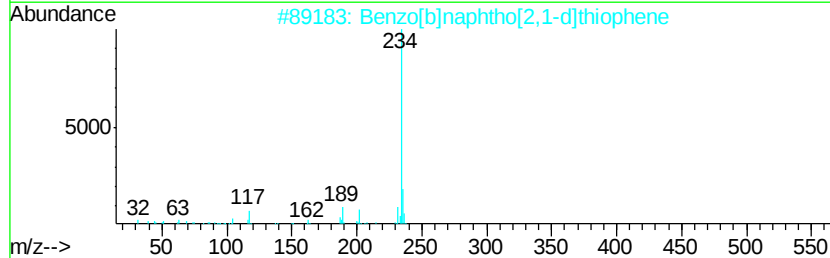
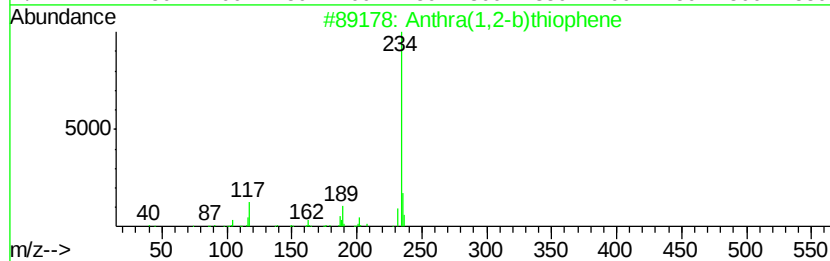
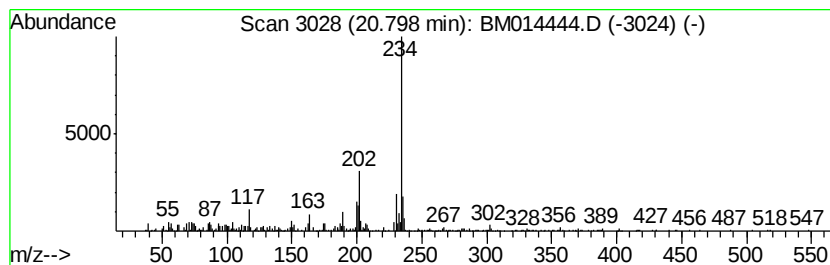
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthra(1,2-b)thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.12 ng/ul	429401	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthra(1,2-b)thiophene	234 C16H10S	000227-86-1 86
2		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 76
3		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 70
4		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 58
5		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE610

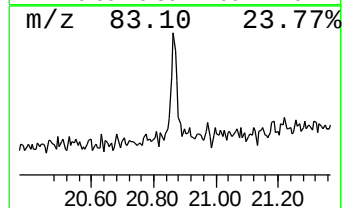
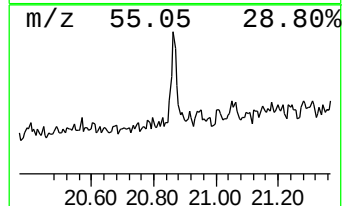
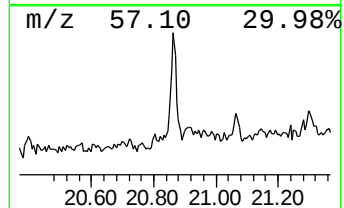
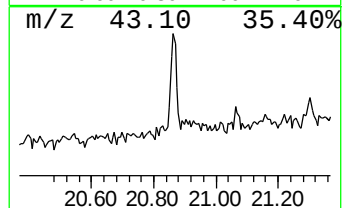
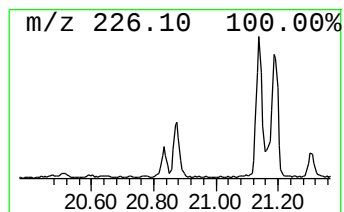
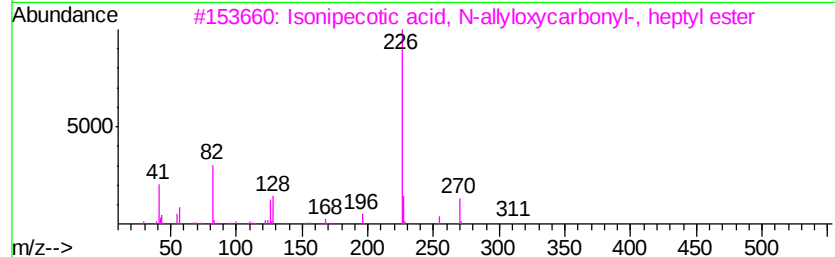
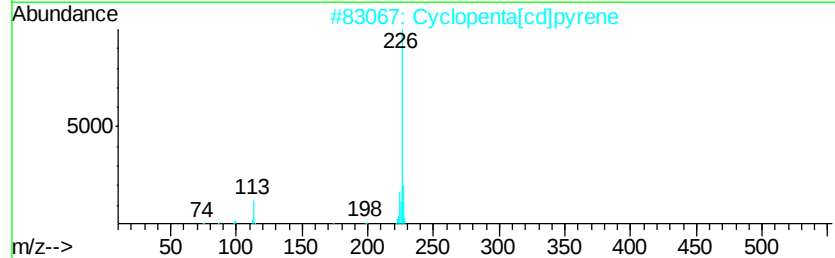
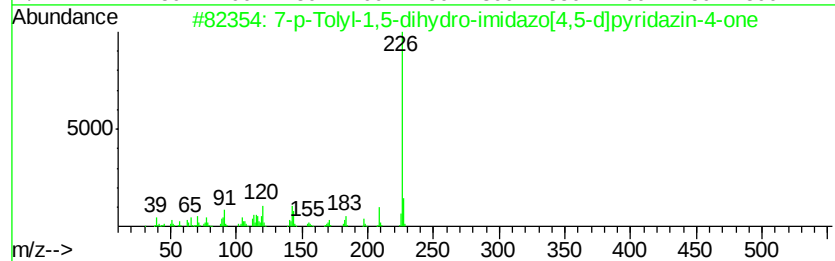
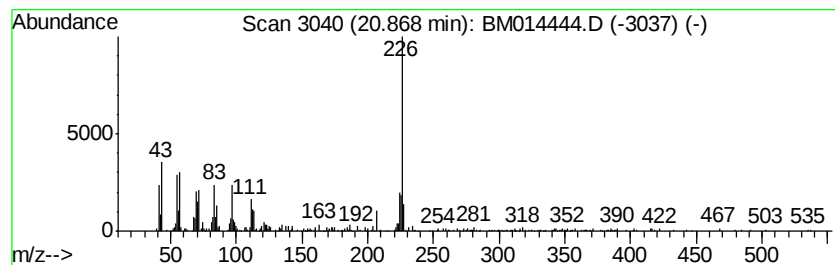
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.87 ng/ul	786663	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	47
2		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3		Isonipecotic acid, N-allyloxycar...	311	C17H29NO4	1000321-99-4	43
4		3-Amino-10H-dibenzo[b,f][1,4]oxa...	226	C13H10N2O2	1000311-61-3	43
5		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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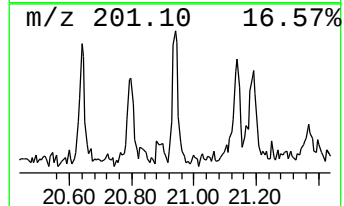
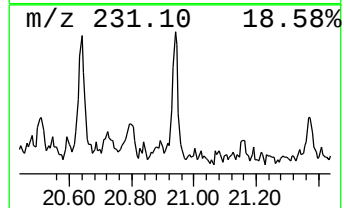
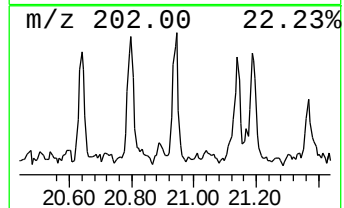
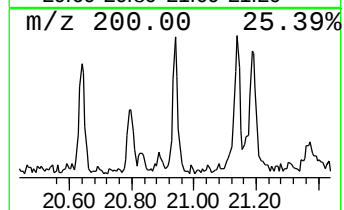
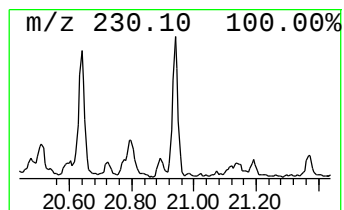
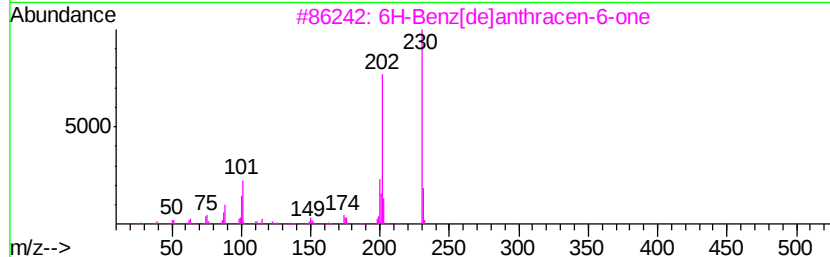
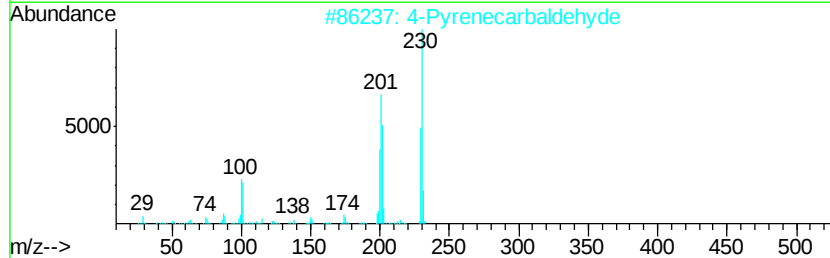
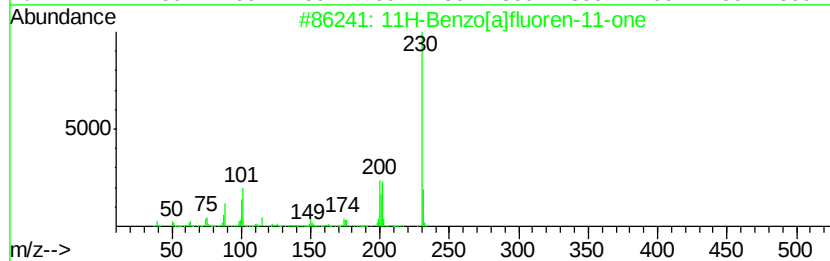
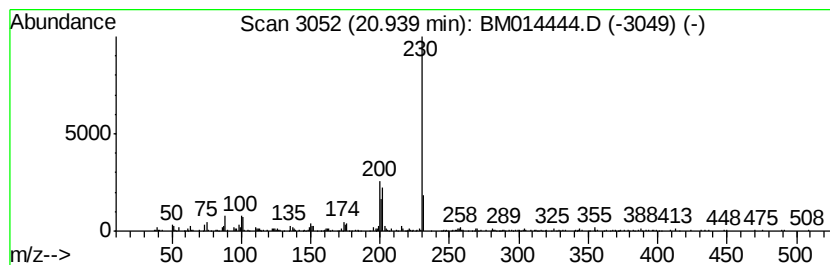
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.08 ng/ul	422409	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	68
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030118\
 Data File : BM014444.D
 Acq On : 01 Mar 2018 21:59
 Operator : SJ/JU
 Sample : J1679-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	4.66	2.4	ng/ul	80787	1	7.51	682097	20.0
Naphtho[2,1-b]thi...	16.76	2.3	ng/ul	206777	4	16.94	1811520	20.0
Phenanthrene, 2-m...	17.81	4.8	ng/ul	431318	4	16.94	1811520	20.0
Phenanthrene, 1-m...	17.86	11.4	ng/ul	1029040	4	16.94	1811520	20.0
4H-Cyclopenta[def...	18.01	7.6	ng/ul	690842	4	16.94	1811520	20.0
Naphtho[2,3-b]nor...	18.04	3.7	ng/ul	335444	4	16.94	1811520	20.0
Naphthalene, 2-ph...	18.32	2.7	ng/ul	247952	4	16.94	1811520	20.0
9,10-Anthracenedione	18.38	4.4	ng/ul	400325	4	16.94	1811520	20.0
9,10-Dimethylanthe...	18.74	3.6	ng/ul	325906	4	16.94	1811520	20.0
Cyclopenta(def)ph...	18.89	3.0	ng/ul	269178	4	16.94	1811520	20.0
11H-Benzo[a]fluorene	19.88	4.0	ng/ul	802402	5	21.15	4060390	20.0
Anthra(1,2-b)thio...	20.80	2.1	ng/ul	429401	5	21.15	4060390	20.0
unknown-02	20.87	3.9	ng/ul	786663	5	21.15	4060390	20.0
11H-Benzo[a]fluor...	20.94	2.1	ng/ul	422409	5	21.15	4060390	20.0