

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010485.D
 Acq On : 10 Jun 2017 14:58
 Operator : SJ/MA
 Sample : I3521-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C24

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-BM052717.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	7.081	673	679	691	rBV	493598	838153	7.81%	0.829%
2	7.240	699	706	713	rBV	325765	510767	4.76%	0.505%
3	7.434	731	739	746	rBV	556338	895768	8.35%	0.886%
4	7.893	810	817	828	rBV	769355	1222847	11.39%	1.209%
5	8.616	934	940	947	rBV2	604704	987513	9.20%	0.976%
6	9.081	1011	1019	1026	rBV	511940	826537	7.70%	0.817%
7	9.792	1132	1140	1147	rBV	462063	812900	7.57%	0.804%
8	10.322	1223	1230	1237	rBV	759173	1275815	11.89%	1.261%
9	10.698	1286	1294	1300	rBV	936862	1577193	14.70%	1.559%
10	10.863	1316	1322	1330	rBV	368249	659144	6.14%	0.652%
11	13.757	1809	1814	1819	rBV2	143859	187138	1.74%	0.185%
12	13.945	1840	1846	1850	rBV	1348573	1861380	17.34%	1.840%
13	13.992	1850	1854	1861	rVB	563128	782438	7.29%	0.774%
14	14.233	1885	1895	1904	rBV2	1351470	2398515	22.35%	2.371%
15	14.463	1925	1934	1940	rVV6	101074	244318	2.28%	0.242%
16	14.533	1940	1946	1956	rVB2	1485877	2256564	21.03%	2.231%
17	14.774	1982	1987	1997	rBV2	394355	657067	6.12%	0.650%
18	15.527	2108	2115	2121	rVB	1793617	2579688	24.04%	2.551%
19	15.651	2131	2136	2142	rBV	490682	681013	6.35%	0.673%
20	17.280	2407	2413	2417	rBV2	2139119	3058896	28.50%	3.024%
21	17.321	2417	2420	2424	rVV	287008	361620	3.37%	0.358%
22	17.380	2424	2430	2433	rVV	2069749	2887677	26.91%	2.855%
23	17.415	2433	2436	2443	rVB	514949	733522	6.83%	0.725%
24	17.698	2475	2484	2490	rBV	233700	426293	3.97%	0.421%
25	18.068	2544	2547	2553	rBV5	90071	110788	1.03%	0.110%
26	18.127	2553	2557	2564	rBV3	362402	576054	5.37%	0.570%
27	18.192	2565	2568	2572	rVB2	94981	121973	1.14%	0.121%
28	18.280	2579	2583	2587	rVB3	82053	107950	1.01%	0.107%
29	18.345	2589	2594	2598	rBV4	75561	173569	1.62%	0.172%
30	18.651	2639	2646	2650	rVB3	81835	190646	1.78%	0.188%
31	18.704	2650	2655	2658	rBV3	161391	248166	2.31%	0.245%
32	19.057	2711	2715	2718	rBV2	135687	185622	1.73%	0.184%
33	19.215	2735	2742	2748	rBV	376357	628794	5.86%	0.622%
34	19.333	2756	2762	2768	rVB	3644891	4807620	44.79%	4.753%

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35	19.398	2768	2773	2778	rBV6	211586	389983	3.63%	0.386%
36	19.486	2783	2788	2791	rBV	123124	178485	1.66%	0.176%
37	19.668	2812	2819	2821	rBV2	3084266	4457385	41.53%	4.407%
38	19.698	2821	2824	2830	rVV	4052711	5240390	48.83%	5.181%
39	19.756	2830	2834	2840	rVB2	248245	392682	3.66%	0.388%
40	19.868	2850	2853	2859	rVB	193795	237058	2.21%	0.234%
41	19.945	2863	2866	2871	rVB	269070	358692	3.34%	0.355%
42	20.009	2872	2877	2885	rVB3	442674	1044900	9.74%	1.033%
43	20.151	2895	2901	2902	rBV3	368402	621753	5.79%	0.615%
44	20.339	2925	2933	2937	rBV2	497895	1068482	9.96%	1.056%
45	20.374	2937	2939	2943	rBV4	133493	156569	1.46%	0.155%
46	20.480	2953	2957	2961	rBV	514552	730773	6.81%	0.723%
47	20.527	2962	2965	2971	rVB	317009	428636	3.99%	0.424%
48	20.927	3029	3033	3040	rBV	1094580	1577721	14.70%	1.560%
49	21.092	3057	3061	3065	rBV2	806010	1311690	12.22%	1.297%
50	21.133	3065	3068	3072	rVV2	586724	757073	7.05%	0.749%
51	21.174	3072	3075	3079	rVV2	635121	935077	8.71%	0.925%
52	21.227	3080	3084	3090	rVB	740200	953739	8.89%	0.943%
53	21.445	3111	3121	3125	rBV2	4649263	10212238	95.15%	10.097%
54	21.486	3125	3128	3132	rVB	3183801	3966554	36.96%	3.922%
55	23.074	3392	3398	3404	rBV	4522327	10732507	100.00%	10.611%
56	23.250	3425	3428	3439	rVB	500017	886139	8.26%	0.876%
57	23.586	3479	3485	3489	rBV	2228671	4125003	38.43%	4.078%
58	23.639	3489	3494	3498	rVV2	2070567	4123587	38.42%	4.077%
59	23.686	3498	3502	3508	rVB	2075455	3670974	34.20%	3.629%
60	23.786	3514	3519	3524	rBV	1981447	3536778	32.95%	3.497%
61	26.168	3918	3924	3933	rVB	1230202	3175079	29.58%	3.139%

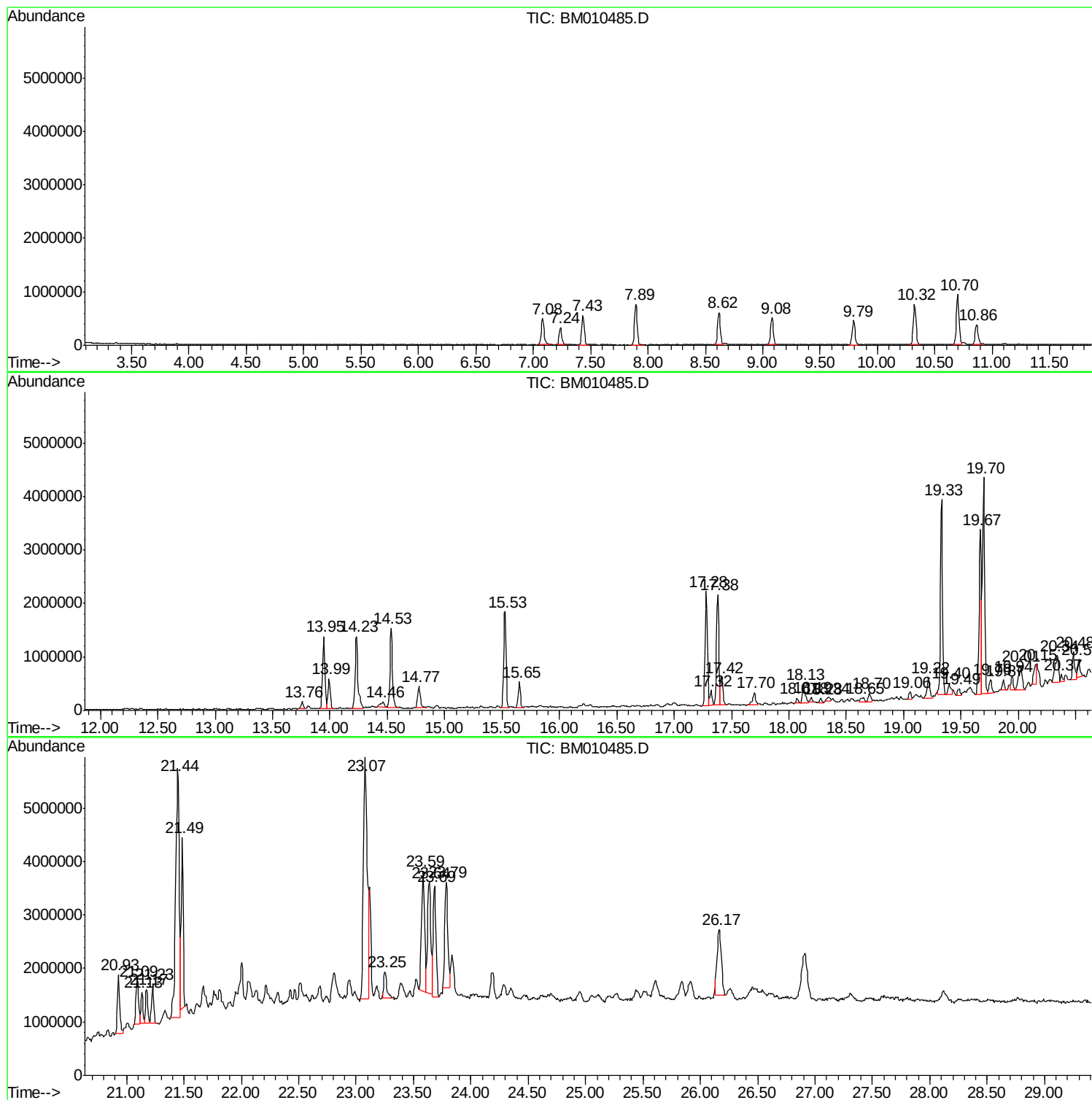
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Quant Title : SVOA CALIBRATION

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



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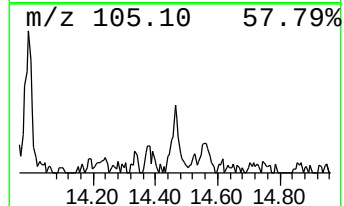
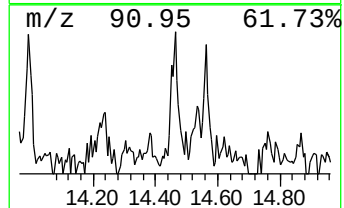
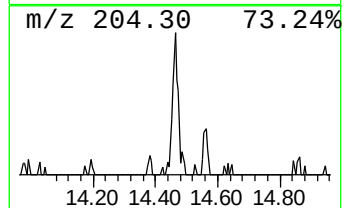
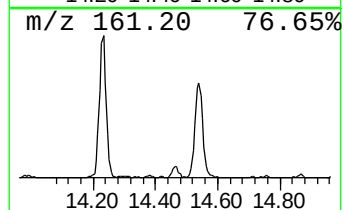
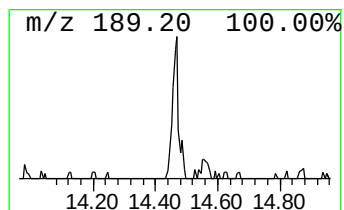
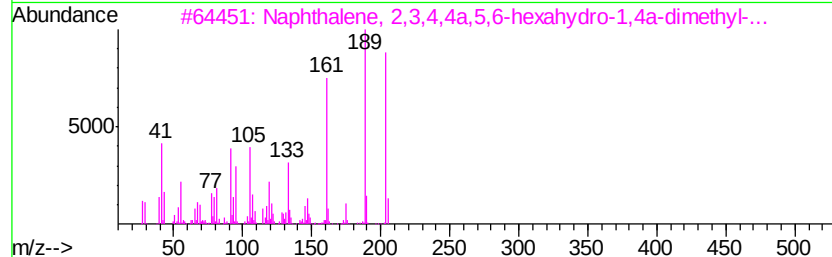
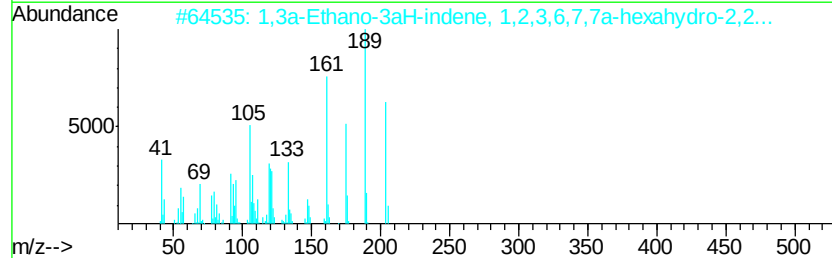
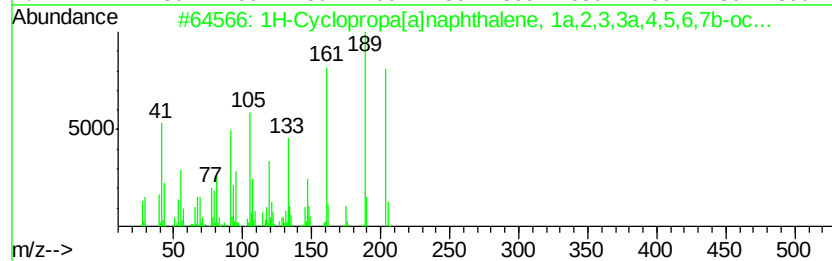
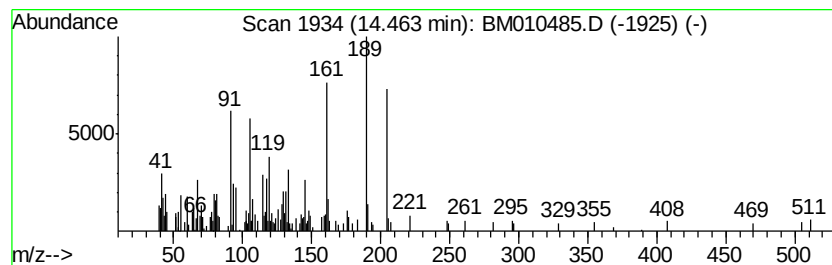
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[a]naphthalene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.17 ng/ul	244318	Acenaphthene-d10	14.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	000489-29-2 93
2		1,3a-Ethano-3aH-indene, 1,2,3,6,...	204 C15H24	004545-68-0 91
3		Naphthalene, 2,3,4,4a,5,6-hexahy...	204 C15H24	000473-14-3 90
4		.delta.-Selinene	204 C15H24	028624-23-9 90
5		Naphthalene, 1,2,4a,5,8,8a-hexah...	204 C15H24	005951-61-1 90



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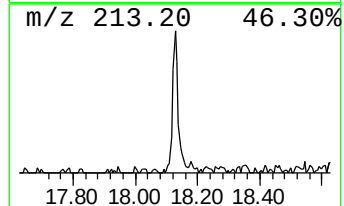
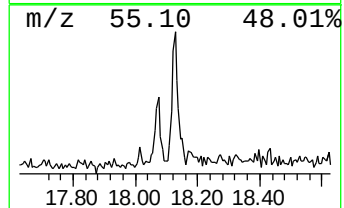
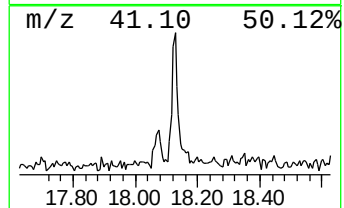
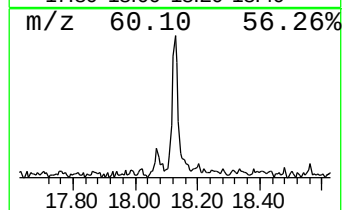
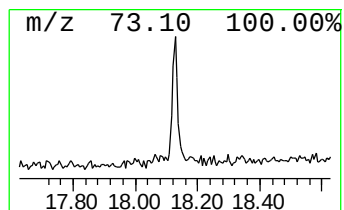
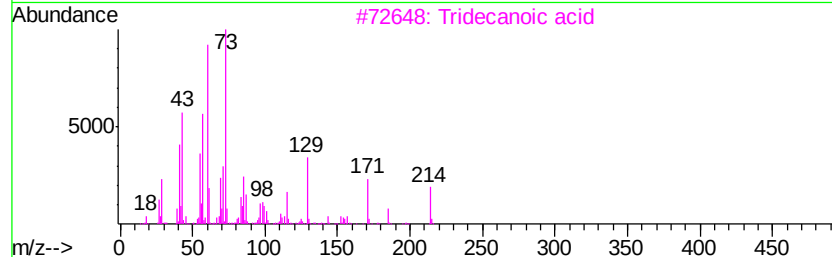
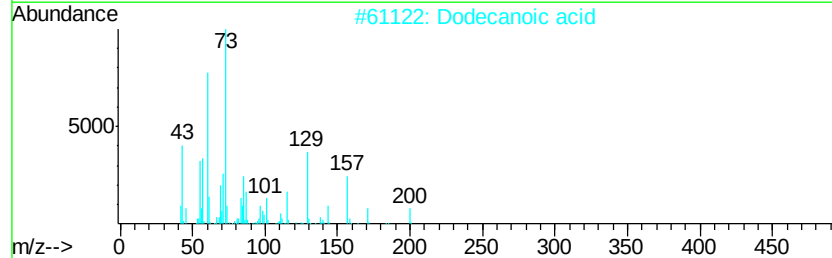
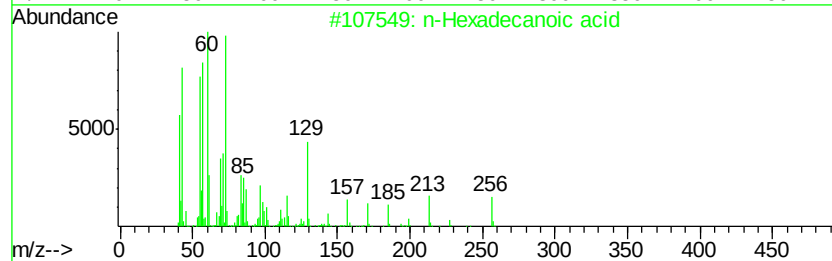
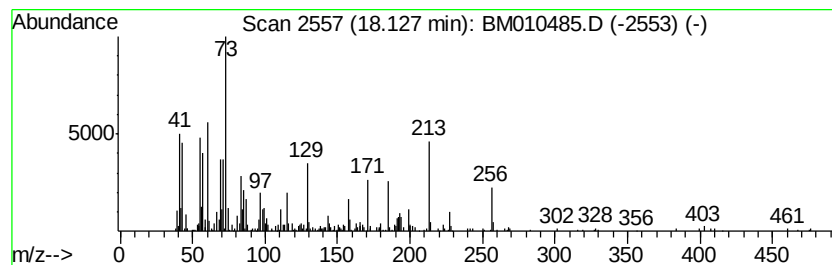
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.77 ng/ul	576054	Phenanthrene-d10	17.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38	



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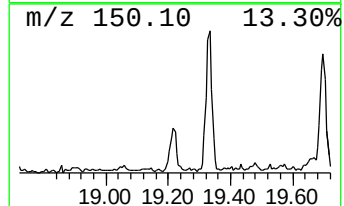
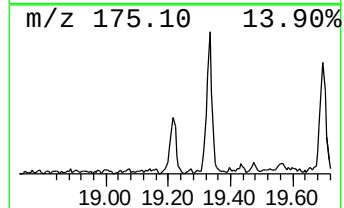
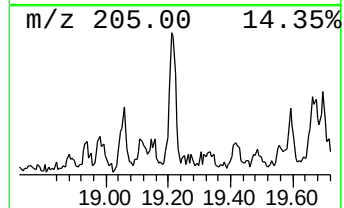
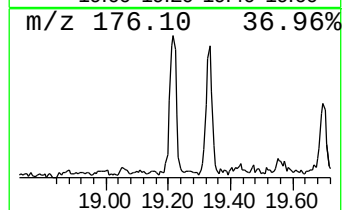
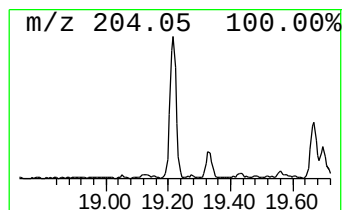
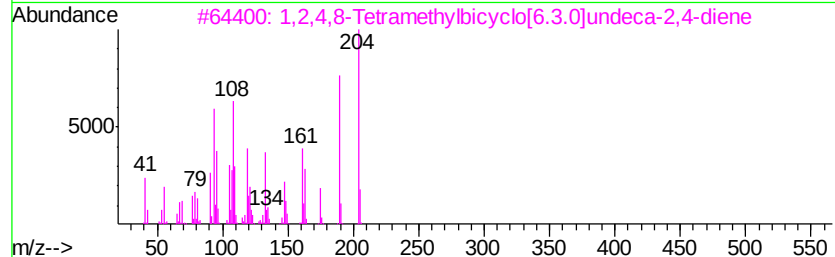
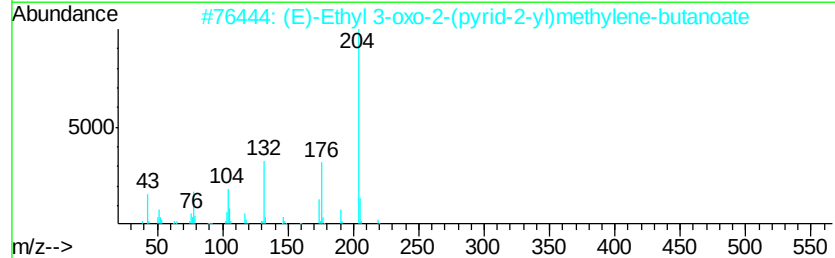
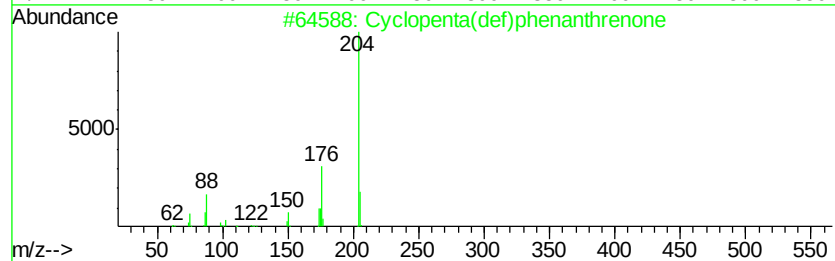
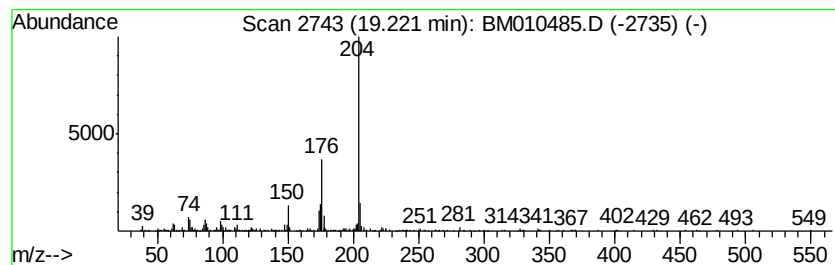
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.22	4.11 ng/ul	628794	Phenanthrene-d10	17.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	64
3		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	58
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	52
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



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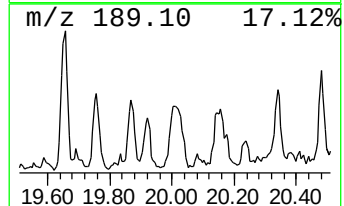
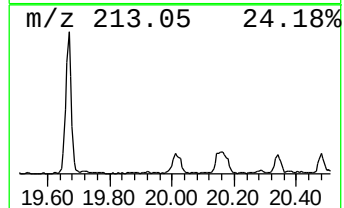
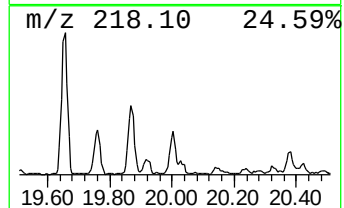
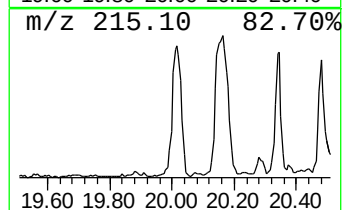
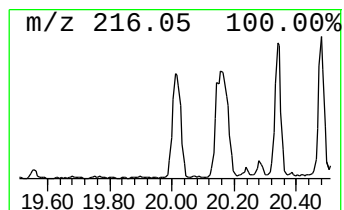
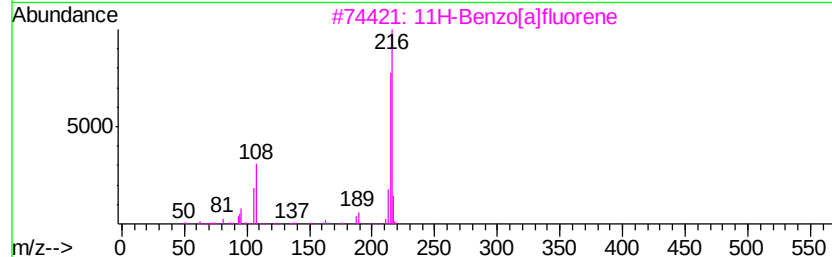
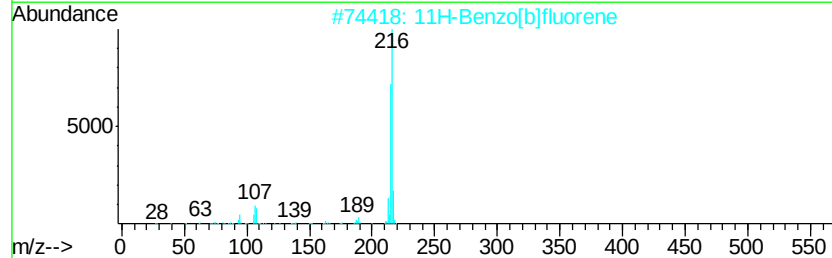
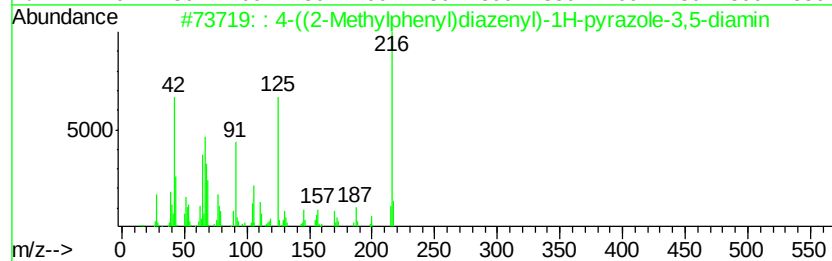
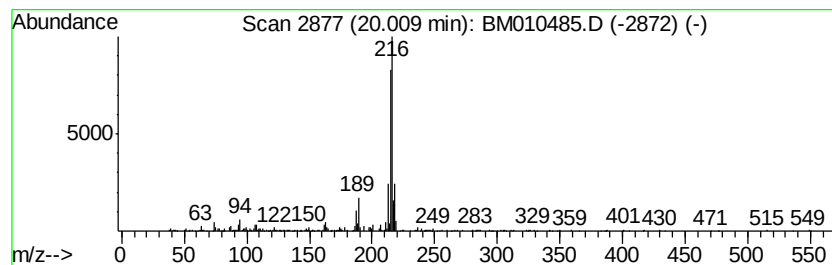
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 : 4-((2-Methylphenyl)diazenyl)-1H-pyrazole-3,5-diamin... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.01	2.05 ng/ul	1044900	Chrysene-d12	21.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((2-Methylphenyl)diazenyl)-1H-pyrazole-3,5-diamine	216	C10H12N6	1000332-58-9	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



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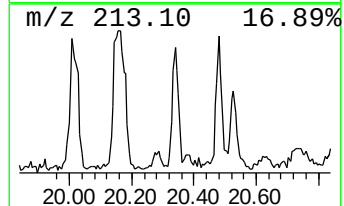
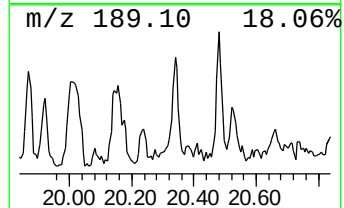
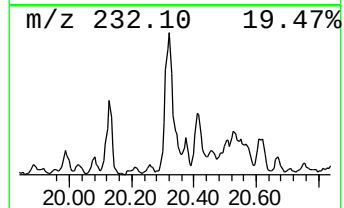
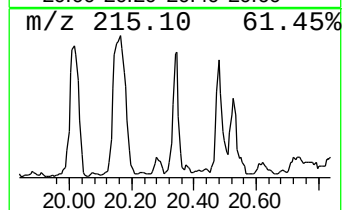
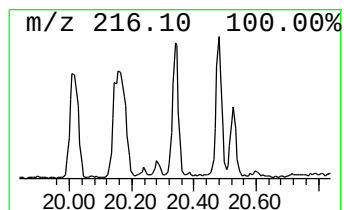
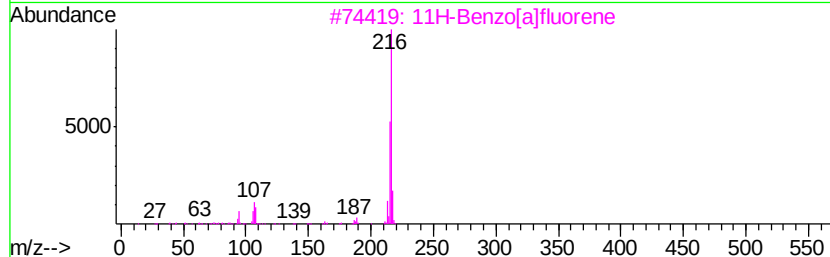
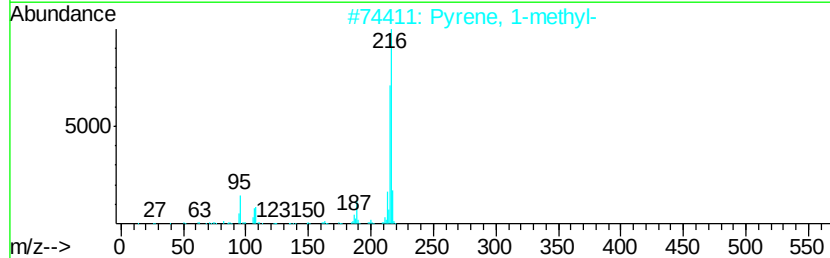
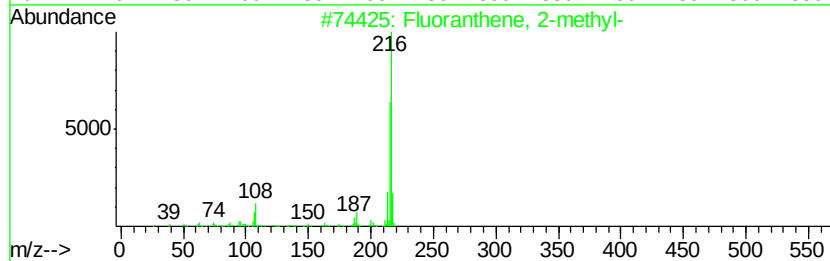
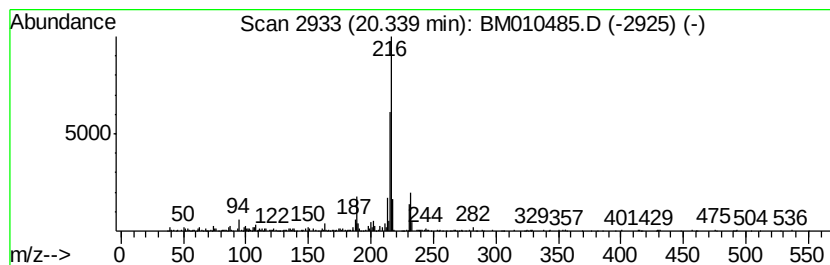
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.09 ng/ul	1068480	Chrysene-d12	21.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 92
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 76
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 70
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010485.D
Acq On : 10 Jun 2017 14:58
Operator : SJ/MA
Sample : I3521-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

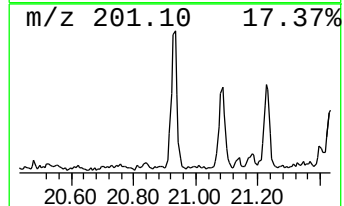
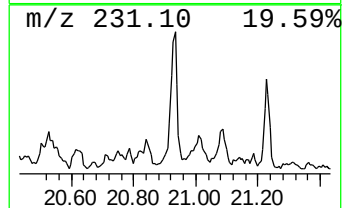
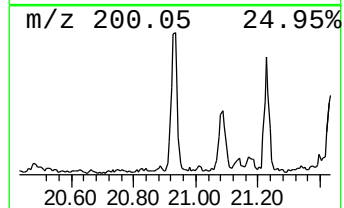
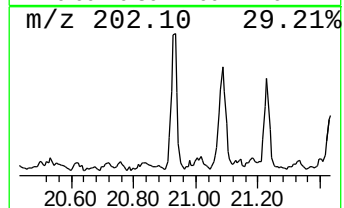
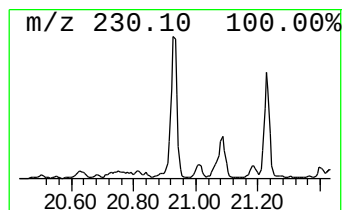
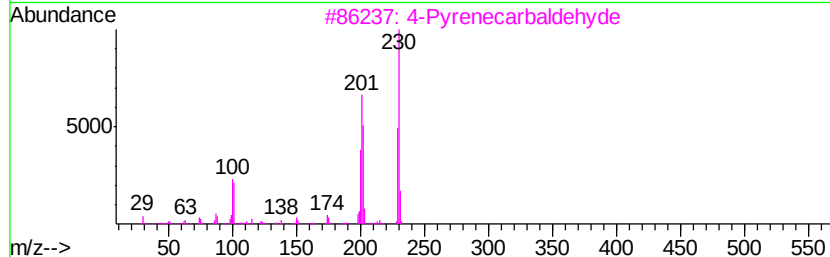
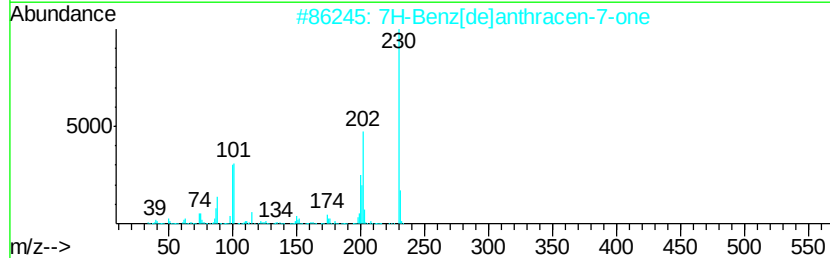
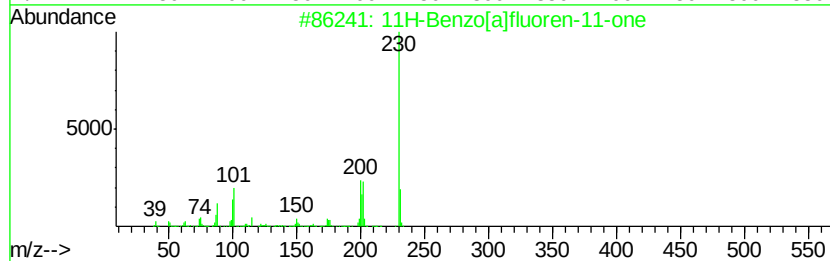
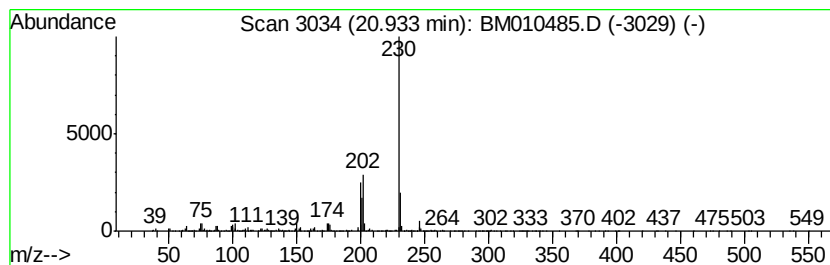
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.09 ng/ul	1577720	Chrysene-d12	21.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	11H-Benzo[a]fluoren-11-one	230 C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3	87
3	4-Pyrenecarbaldehyde	230 C17H10O	022245-51-8	83
4	6H-Benz[de]anthracen-6-one	230 C17H10O	080252-14-8	81
5	7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010485.D
Acq On : 10 Jun 2017 14:58
Operator : SJ/MA
Sample : I3521-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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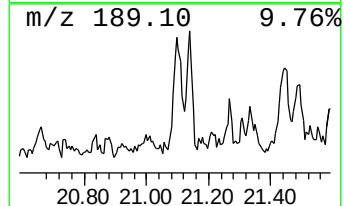
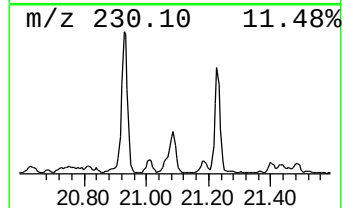
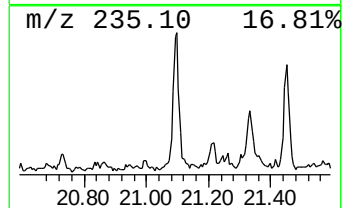
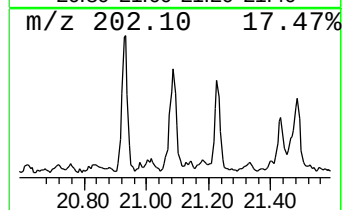
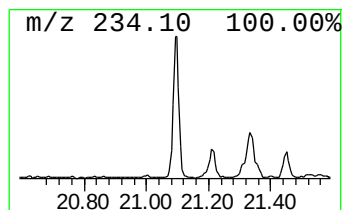
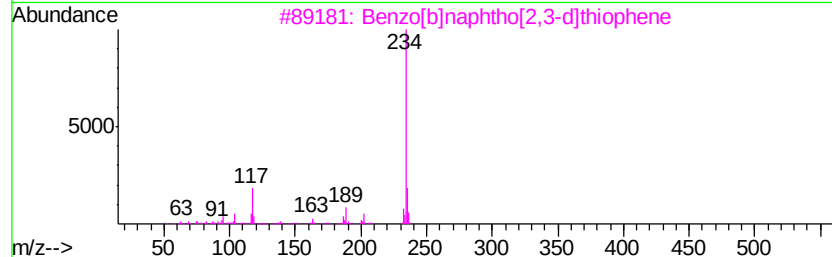
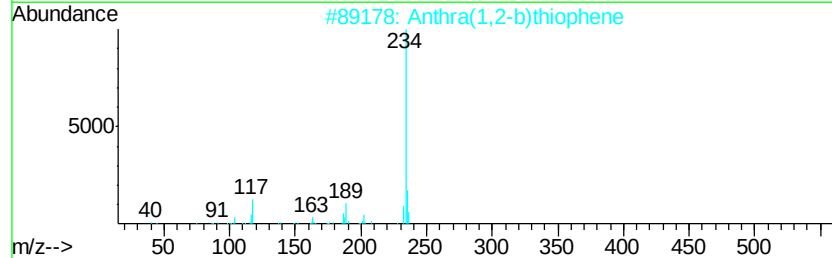
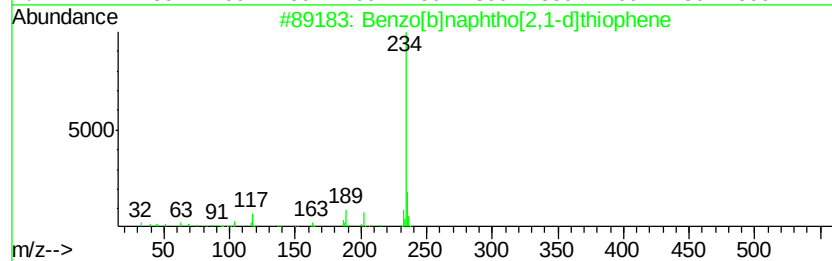
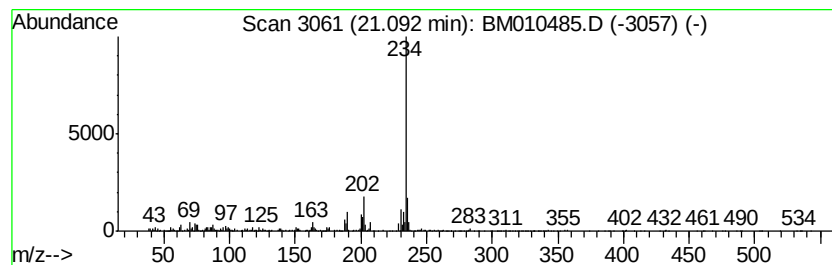
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.57 ng/ul	1311690	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	87
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010485.D
Acq On : 10 Jun 2017 14:58
Operator : SJ/MA
Sample : I3521-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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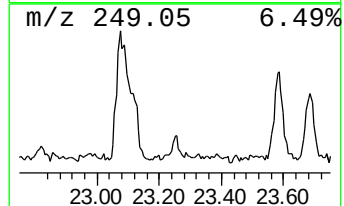
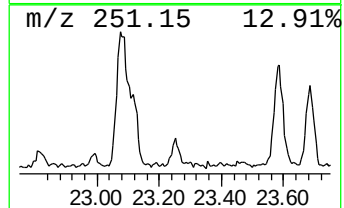
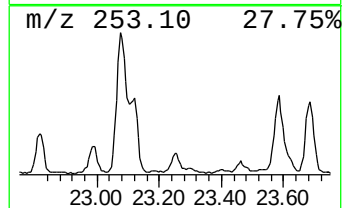
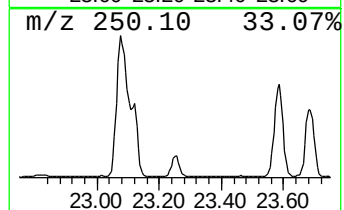
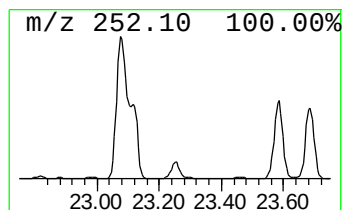
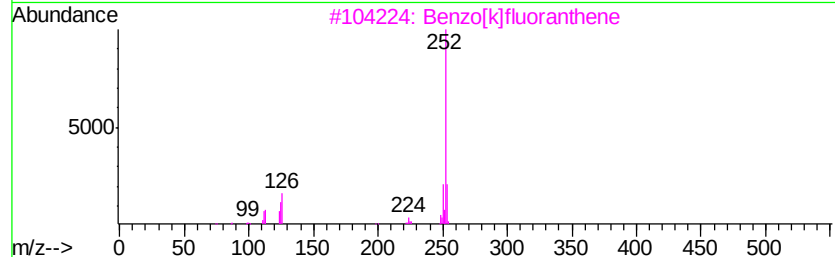
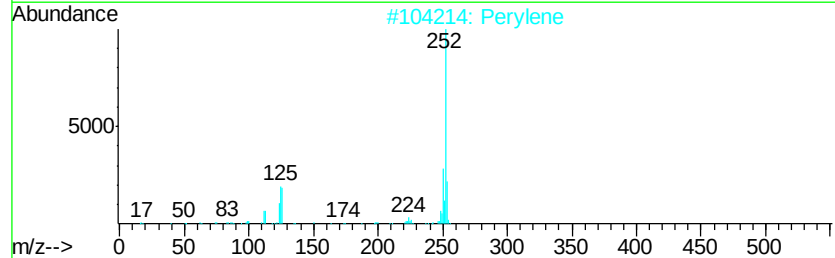
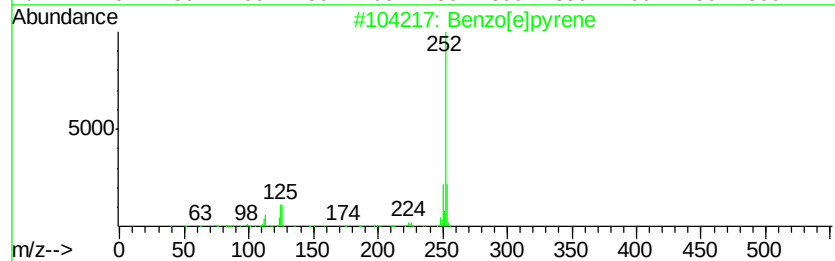
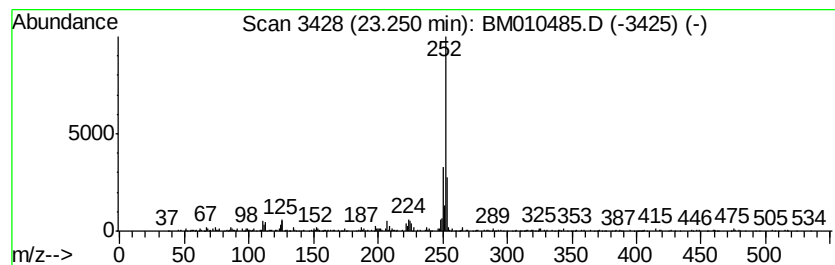
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	5.01 ng/ul	886139	Perylene-d12	23.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	76
2		Perylene	252	C20H12	000198-55-0	76
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4		Perylene	252	C20H12	000198-55-0	76
5		Benzo[a]pyrene	252	C20H12	000050-32-8	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010485.D
Acq On : 10 Jun 2017 14:58
Operator : SJ/MA
Sample : I3521-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
1H-Cyclopropa[a]n...	14.46	2.2	ng/ul	244318	3	14.53	2256560	20.0
n-Hexadecanoic acid	18.13	3.8	ng/ul	576054	4	17.28	3058900	20.0
Cyclopenta(def)ph...	19.22	4.1	ng/ul	628794	4	17.28	3058900	20.0
: 4-((2-Methylphe...	20.01	2.0	ng/ul	1044900	5	21.45	10212200	20.0
Fluoranthene, 2-m...	20.34	2.1	ng/ul	1068480	5	21.45	10212200	20.0
11H-Benzo[a]fluor...	20.93	3.1	ng/ul	1577720	5	21.45	10212200	20.0
Benzo[b]naphtho[2...	21.09	2.6	ng/ul	1311690	5	21.45	10212200	20.0
Benzo[e]pyrene	23.25	5.0	ng/ul	886139	6	23.79	3536780	20.0