

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
 Data File : BM010717.D
 Acq On : 24 Jun 2017 07:26
 Operator : SJ/JU
 Sample : I3627-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B42

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-BM062017.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	6.646	633	639	649	rBV	411274	661490	14.10%	1.067%
2	6.810	661	667	674	rBV	277958	413285	8.81%	0.667%
3	6.998	692	699	706	rBV	429855	637998	13.60%	1.029%
4	7.457	771	777	784	rBB	422509	652423	13.90%	1.052%
5	8.163	891	897	905	rBV	530893	803571	17.12%	1.296%
6	8.604	965	972	980	rVB	442625	682098	14.53%	1.100%
7	9.316	1087	1093	1100	rBV	433173	661415	14.09%	1.067%
8	9.845	1177	1183	1191	rBV	655327	1029807	21.94%	1.661%
9	10.222	1240	1247	1253	rBV	651971	1040031	22.16%	1.678%
10	10.363	1263	1271	1283	rBB	509888	820635	17.49%	1.324%
11	13.533	1804	1810	1814	rBV	1243213	1646847	35.09%	2.656%
12	13.580	1814	1818	1824	rVB	541706	715477	15.25%	1.154%
13	13.798	1848	1855	1869	rVB	1256635	1993532	42.48%	3.215%
14	14.110	1901	1908	1916	rBV2	1003254	1535265	32.71%	2.476%
15	14.321	1937	1944	1951	rBV	517449	717408	15.29%	1.157%
16	14.998	2054	2059	2065	rBV2	53340	66713	1.42%	0.108%
17	15.110	2072	2078	2085	rBV	1531935	2255493	48.06%	3.638%
18	15.239	2093	2100	2106	rBV	531271	720618	15.36%	1.162%
19	15.863	2196	2206	2208	rBV6	59126	112324	2.39%	0.181%
20	16.657	2337	2341	2344	rBV3	49510	68712	1.46%	0.111%
21	16.868	2370	2377	2381	rBV	1335923	1917598	40.86%	3.093%
22	16.904	2381	2383	2387	rVV	106251	132755	2.83%	0.214%
23	16.962	2387	2393	2398	rVV	1811288	2582774	55.04%	4.166%
24	16.998	2398	2399	2404	rVV	183057	150277	3.20%	0.242%
25	17.057	2404	2409	2417	rVB3	25894	52350	1.12%	0.084%
26	17.274	2442	2446	2450	rVV	54599	79380	1.69%	0.128%
27	17.792	2529	2534	2542	rBV	281065	376996	8.03%	0.608%
28	17.868	2542	2547	2552	rVB3	50001	76483	1.63%	0.123%
29	17.939	2552	2559	2563	rBV3	62858	136685	2.91%	0.220%
30	18.086	2580	2584	2588	rVB6	37893	52615	1.12%	0.085%
31	18.139	2588	2593	2599	rVB5	32264	53650	1.14%	0.087%
32	18.286	2615	2618	2626	rVB4	53021	77893	1.66%	0.126%
33	18.551	2658	2663	2667	rVV7	25652	47436	1.01%	0.077%
34	18.674	2679	2684	2689	rVB4	84074	130018	2.77%	0.210%

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35	18.733	2690	2694	2698	rBV6	54337	83925	1.79%	0.135%
36	18.809	2702	2707	2715	rBV	180493	300181	6.40%	0.484%
37	18.933	2720	2728	2735	rBV	815389	1163926	24.80%	1.877%
38	19.039	2743	2746	2750	rVB	41337	50119	1.07%	0.081%
39	19.086	2750	2754	2759	rBV2	237984	281735	6.00%	0.454%
40	19.162	2763	2767	2773	rVB3	46641	100065	2.13%	0.161%
41	19.274	2781	2786	2789	rBV	2074999	3112103	66.32%	5.020%
42	19.304	2789	2791	2800	rVV	1857863	2283905	48.67%	3.684%
43	19.386	2802	2805	2811	rVB6	67471	116137	2.47%	0.187%
44	19.486	2819	2822	2824	rBV2	41843	49508	1.05%	0.080%
45	19.545	2828	2832	2838	rVB2	203728	314405	6.70%	0.507%
46	19.639	2842	2848	2854	rBV3	197823	401060	8.55%	0.647%
47	19.733	2860	2864	2866	rBV5	49614	71852	1.53%	0.116%
48	19.786	2866	2873	2881	rVB2	309536	806511	17.19%	1.301%
49	19.856	2881	2885	2889	rBV2	72371	105108	2.24%	0.170%
50	19.903	2890	2893	2897	rVV	98826	110734	2.36%	0.179%
51	19.962	2897	2903	2907	rVV2	324728	541410	11.54%	0.873%
52	20.003	2907	2910	2914	rVB3	69040	87751	1.87%	0.142%
53	20.103	2923	2927	2931	rBV	318149	426234	9.08%	0.687%
54	20.151	2931	2935	2940	rVV2	194051	312100	6.65%	0.503%
55	20.221	2944	2947	2950	rVB3	58837	72272	1.54%	0.117%
56	20.362	2968	2971	2975	rBV4	94430	150124	3.20%	0.242%
57	20.474	2988	2990	2993	rVB3	76612	82427	1.76%	0.133%
58	20.527	2994	2999	3001	rBV5	76735	137237	2.92%	0.221%
59	20.562	3001	3005	3012	rVB	226528	369663	7.88%	0.596%
60	20.727	3026	3033	3036	rBV3	215834	387881	8.27%	0.626%
61	20.768	3036	3040	3042	rVV2	191069	262314	5.59%	0.423%
62	20.815	3042	3048	3052	rVV2	408508	886597	18.89%	1.430%
63	20.856	3052	3055	3061	rVB2	153721	239550	5.10%	0.386%
64	21.080	3082	3093	3098	rBV2	1978197	4692882	100.00%	7.569%
65	21.121	3098	3100	3107	rVB	904864	1096287	23.36%	1.768%
66	21.233	3116	3119	3126	rBV	251947	443104	9.44%	0.715%
67	21.386	3141	3145	3151	rBV	252364	439301	9.36%	0.709%
68	21.439	3151	3154	3158	rVV3	168555	216430	4.61%	0.349%
69	21.568	3173	3176	3179	rBV2	94399	145413	3.10%	0.235%
70	21.621	3179	3185	3189	rVV	369847	668359	14.24%	1.078%
71	21.674	3190	3194	3199	rVB3	196451	299497	6.38%	0.483%

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72	21.809	3213	3217	3220	rBV	238691	310501	6.62%	0.501%
73	21.839	3220	3222	3228	rVB5	151773	199212	4.24%	0.321%
74	22.074	3259	3262	3266	rBV2	130060	197971	4.22%	0.319%
75	22.356	3303	3310	3320	rVB3	196879	530969	11.31%	0.856%
76	22.597	3344	3351	3355	rBV	2177691	4347510	92.64%	7.012%
77	22.750	3373	3377	3384	rVB	345059	511638	10.90%	0.825%
78	22.880	3394	3399	3408	rBV2	163485	445355	9.49%	0.718%
79	23.044	3421	3427	3431	rBV	1007523	1798747	38.33%	2.901%
80	23.097	3431	3436	3439	rVV2	998260	1820065	38.78%	2.936%
81	23.139	3439	3443	3449	rVB	1402688	2232877	47.58%	3.602%
82	23.227	3451	3458	3462	rBV	774292	1494792	31.85%	2.411%
83	23.274	3462	3466	3473	rVB2	422690	833938	17.77%	1.345%
84	23.750	3542	3547	3554	rVB6	109705	232333	4.95%	0.375%
85	25.256	3799	3803	3808	rBV7	77519	163628	3.49%	0.264%
86	25.344	3809	3818	3830	rVB	574695	1595543	34.00%	2.574%
87	25.985	3919	3927	3936	rVB	307584	872717	18.60%	1.408%

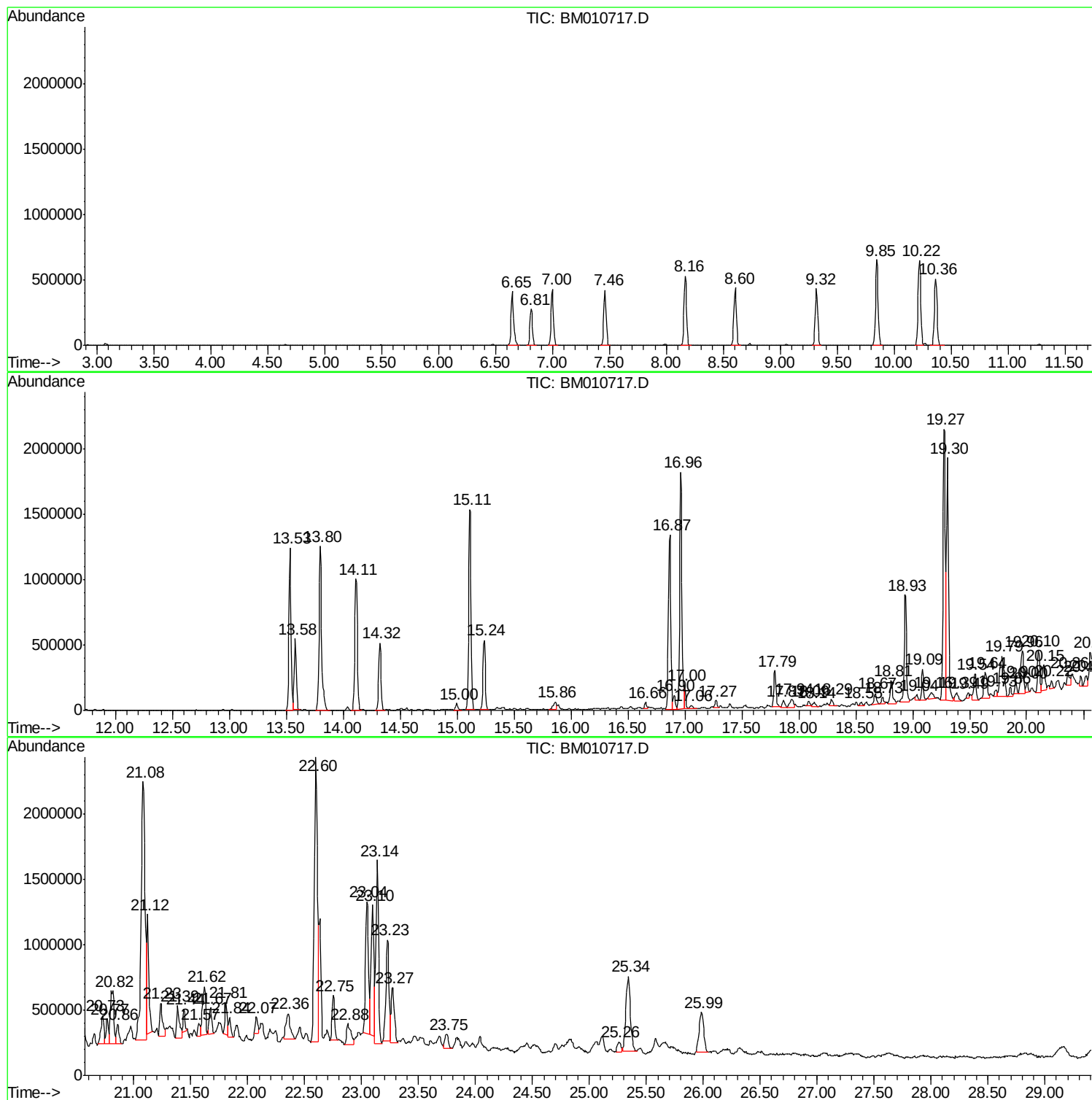
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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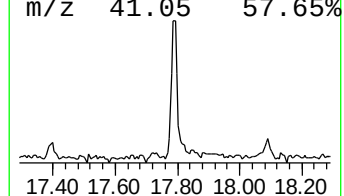
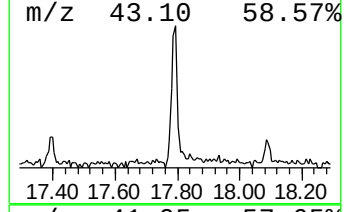
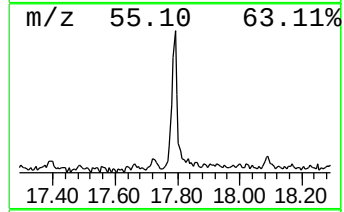
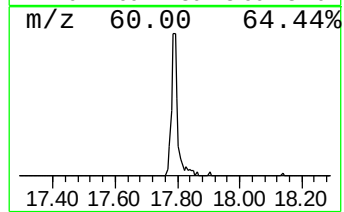
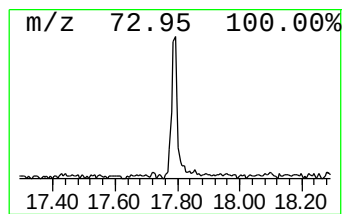
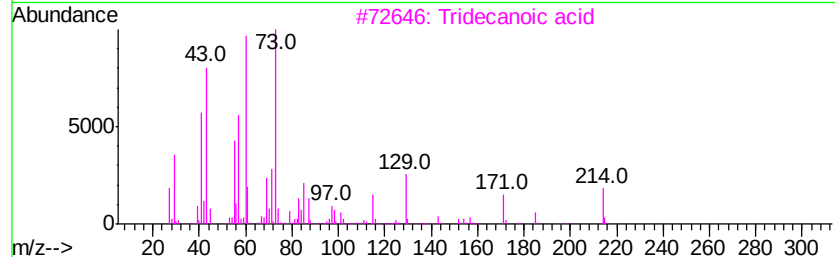
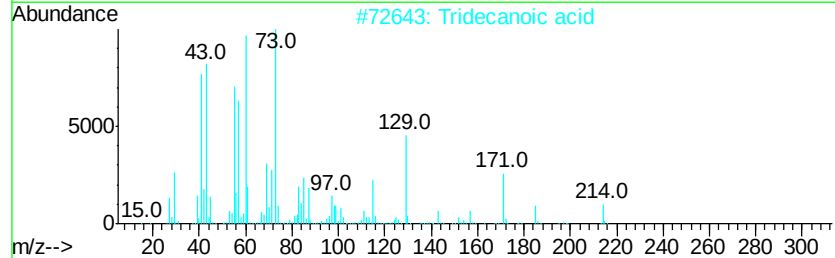
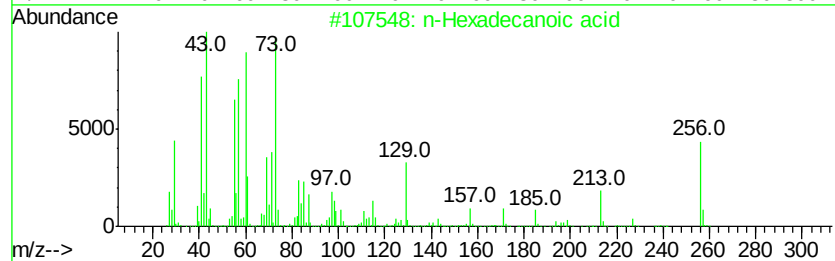
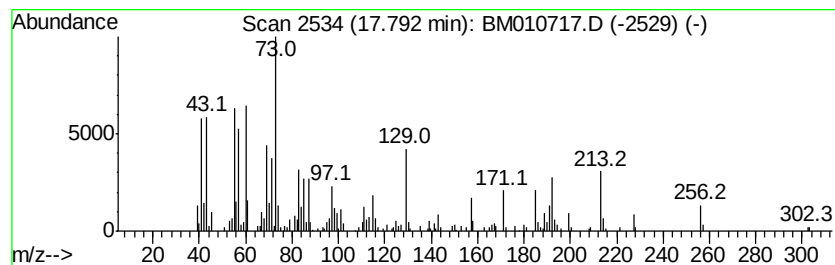
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.79	3.93 ng/ul	376996	Phenanthrene-d10		16.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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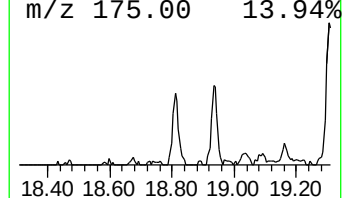
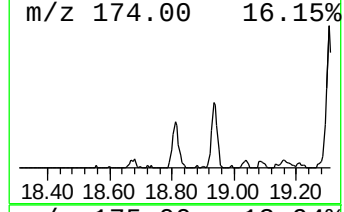
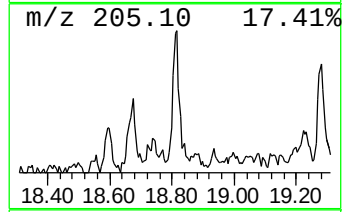
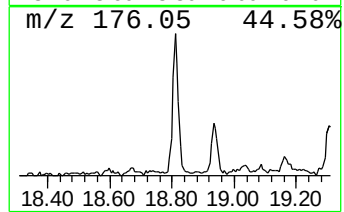
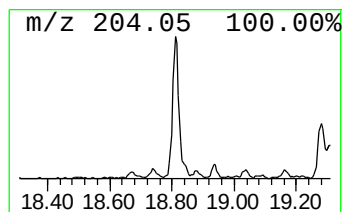
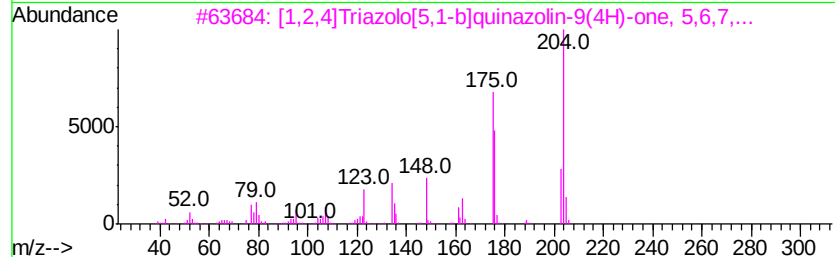
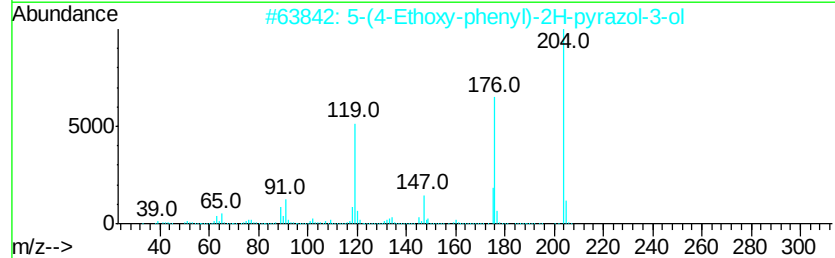
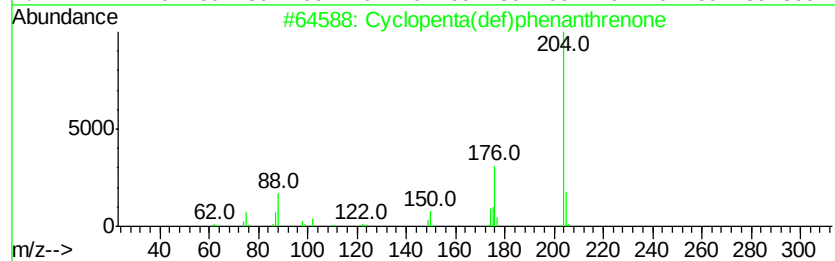
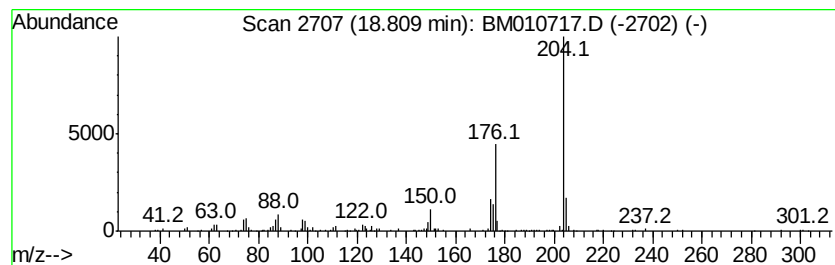
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Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.13 ng/ul	300181	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	80
3		[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	59
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47



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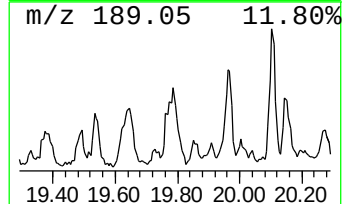
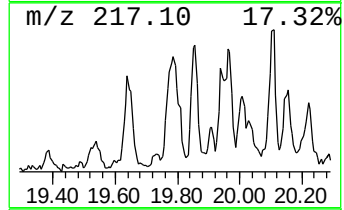
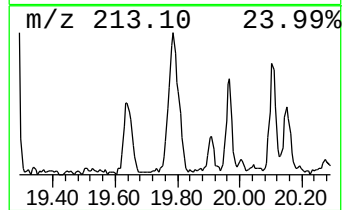
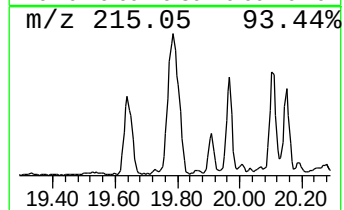
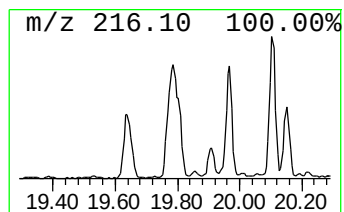
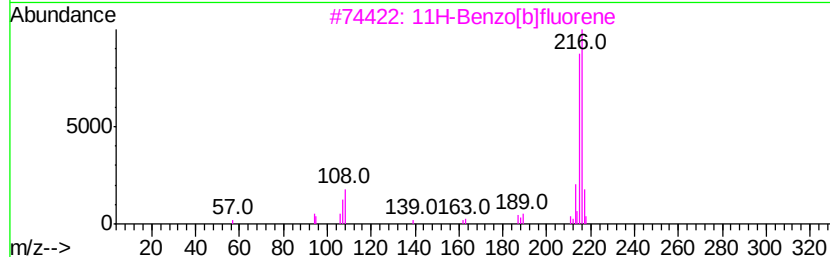
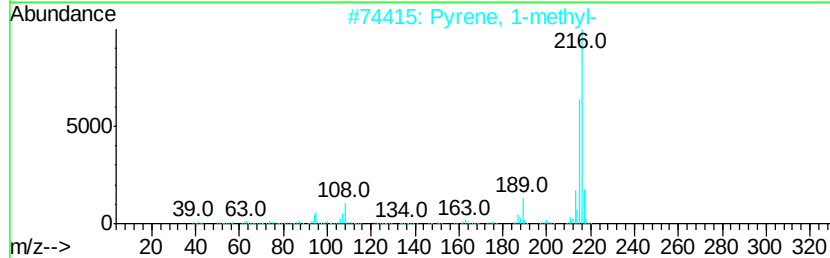
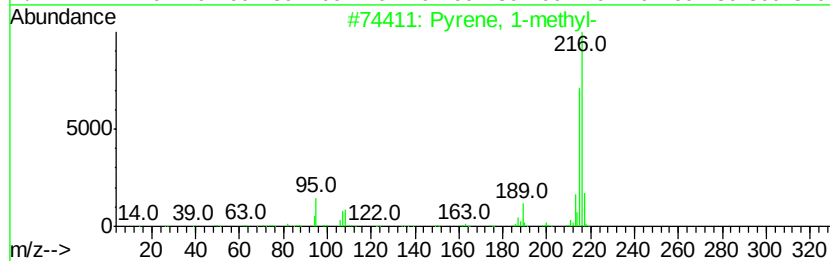
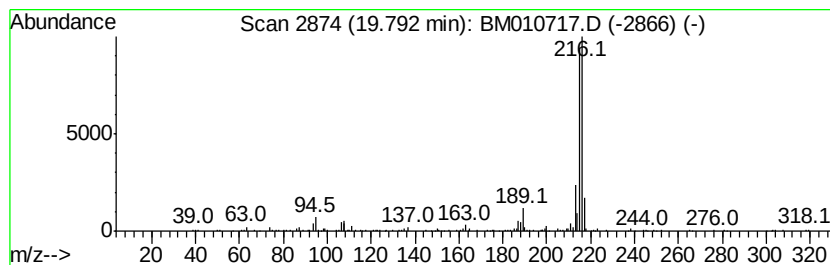
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Peak Number 3 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	3.44 ng/ul	806511	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91



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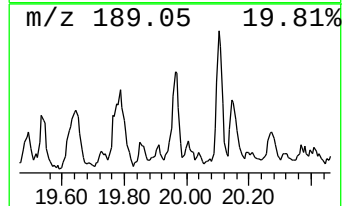
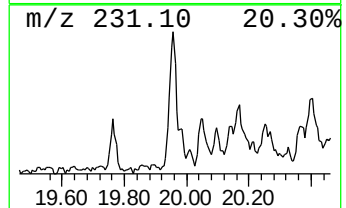
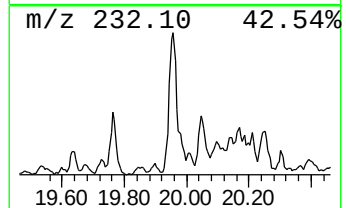
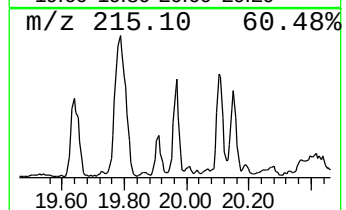
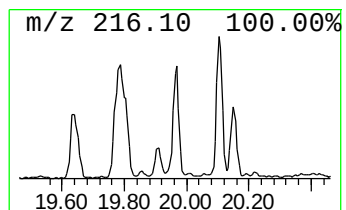
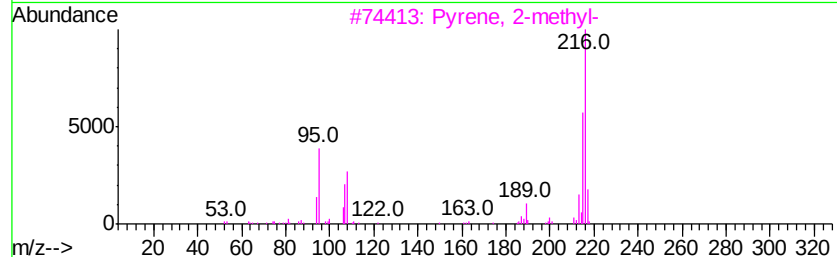
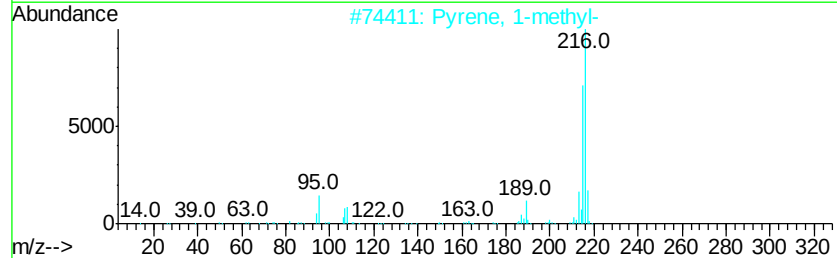
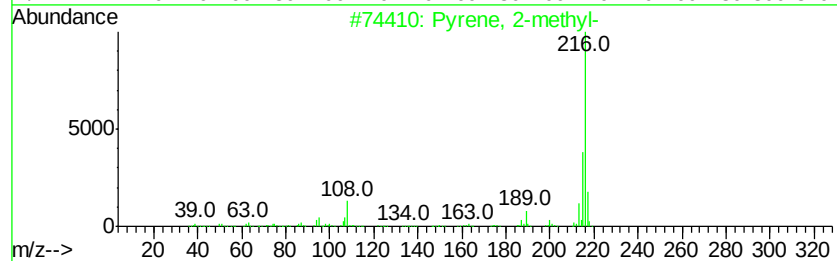
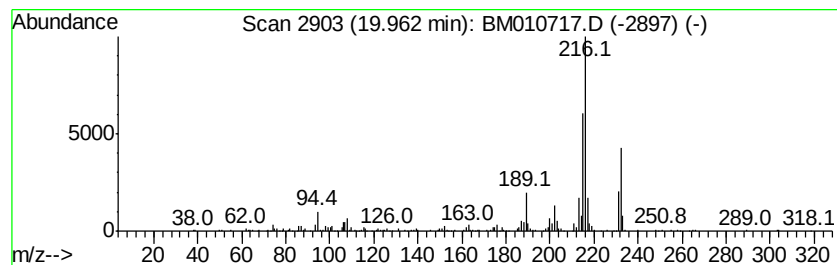
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.31 ng/ul	541410	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2 83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7 83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2 64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7 64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6 60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010717.D
Acq On : 24 Jun 2017 07:26
Operator : SJ/JU
Sample : I3627-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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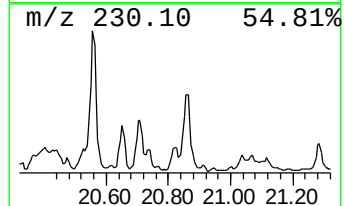
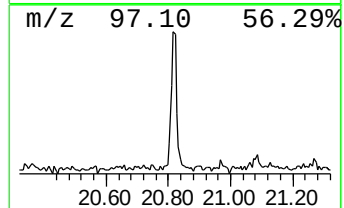
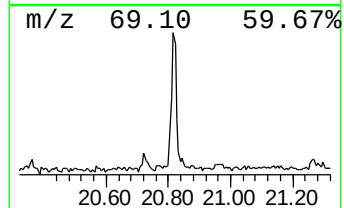
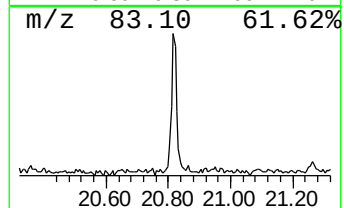
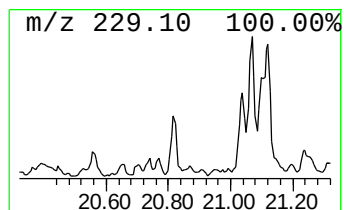
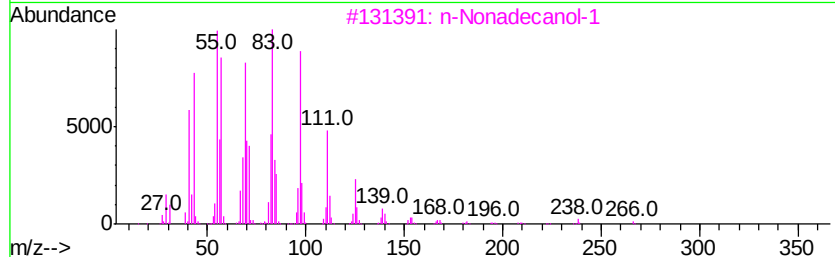
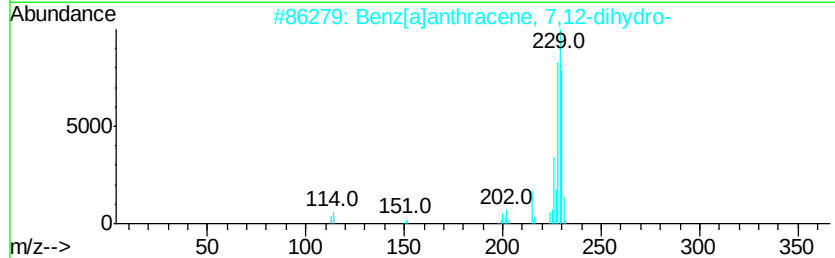
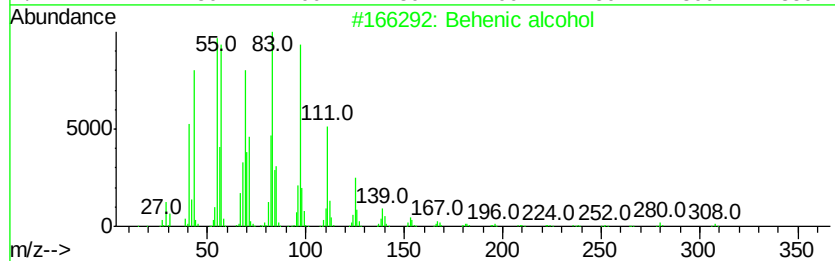
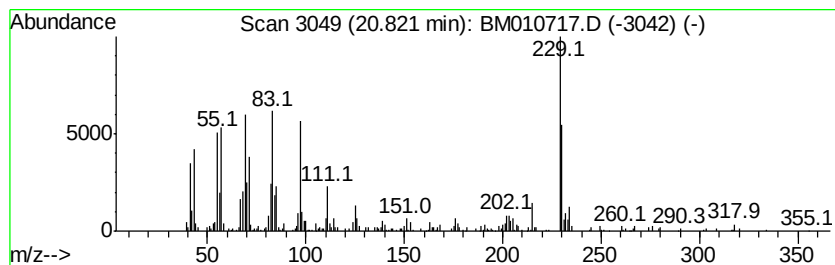
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.78 ng/ul	886597	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	38
2		Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	35
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	25
4		1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	25
5		Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010717.D
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Sample : I3627-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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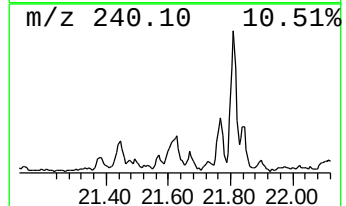
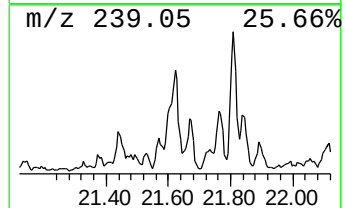
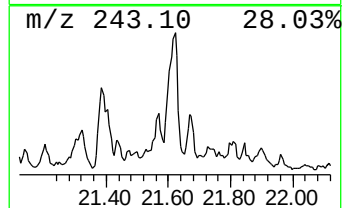
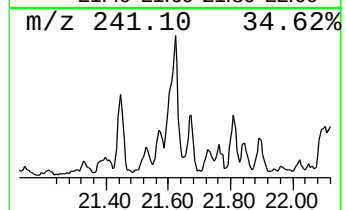
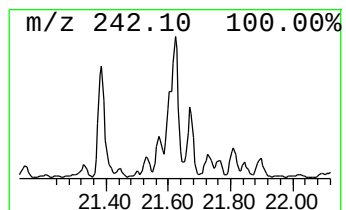
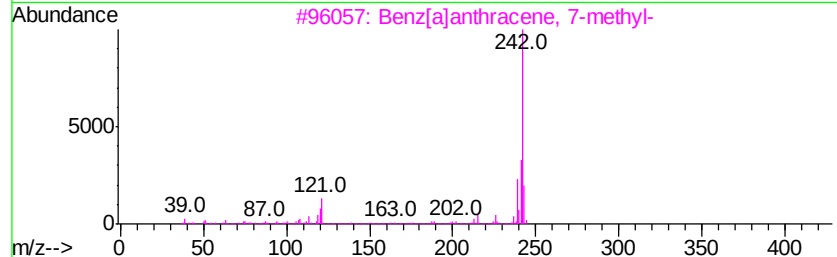
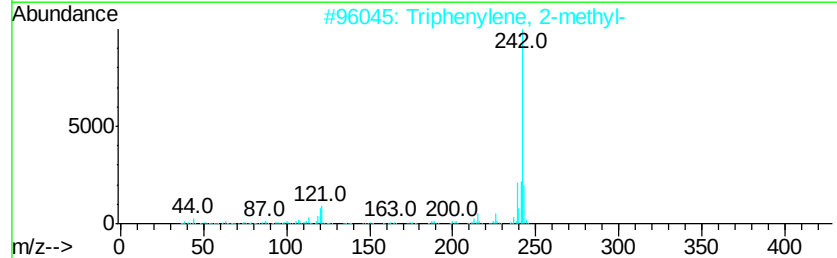
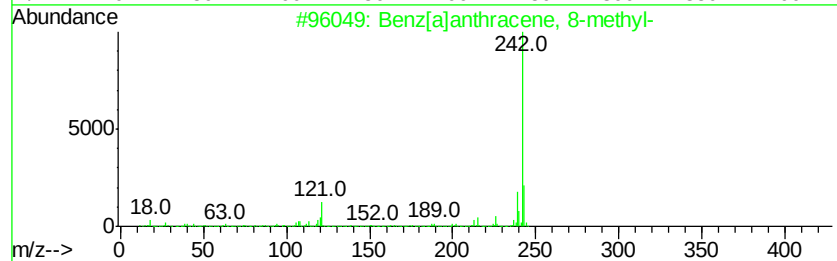
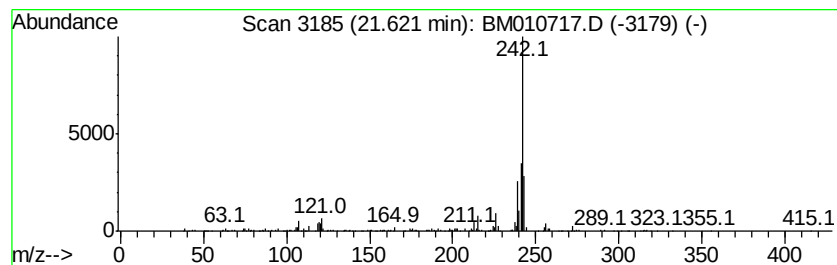
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benz[a]anthracene, 8-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.85 ng/ul	668359	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
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Acq On : 24 Jun 2017 07:26
Operator : SJ/JU
Sample : I3627-12
Misc :
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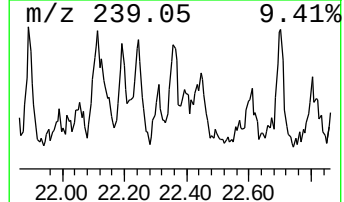
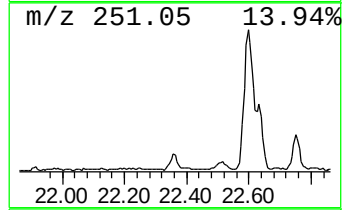
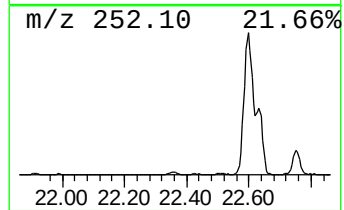
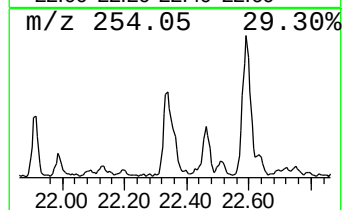
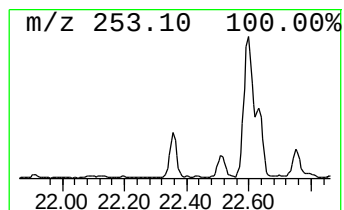
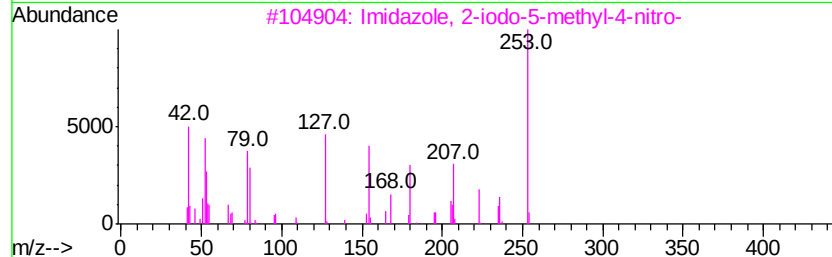
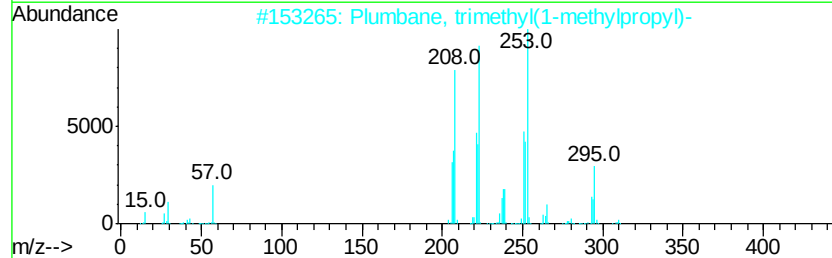
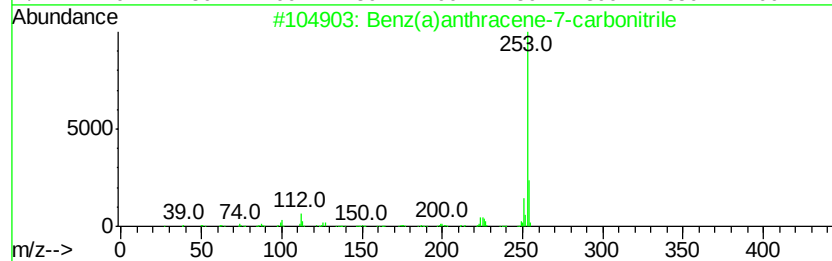
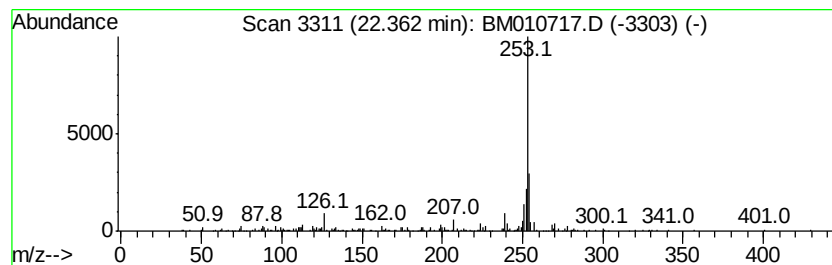
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benz(a)anthracene-7-carboni... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.36	7.10 ng/ul	530969	Perylene-d12	23.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	76
2		Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	53
3		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
4		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	43
5		2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
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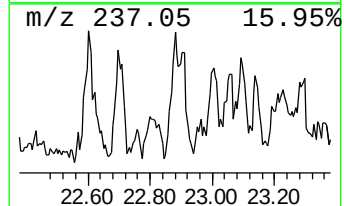
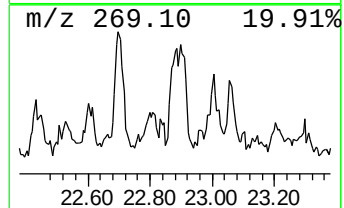
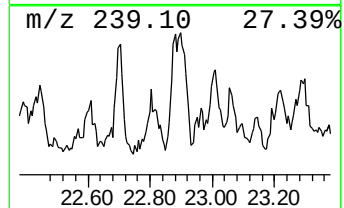
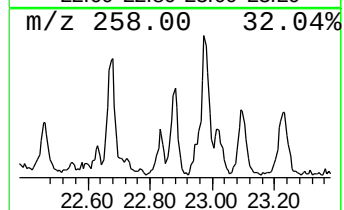
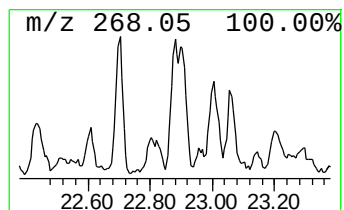
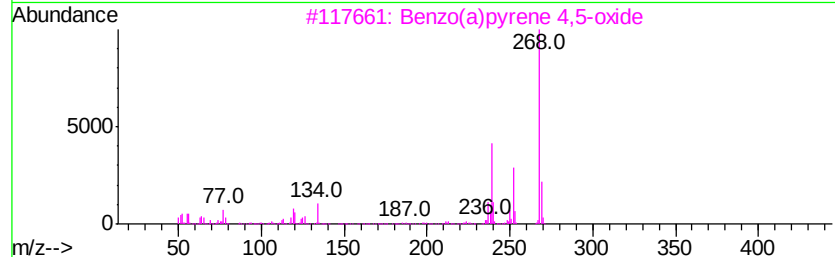
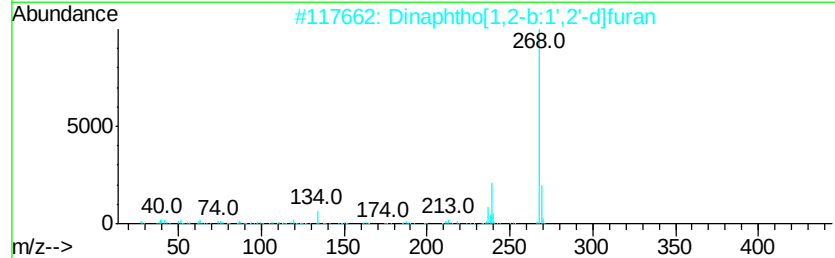
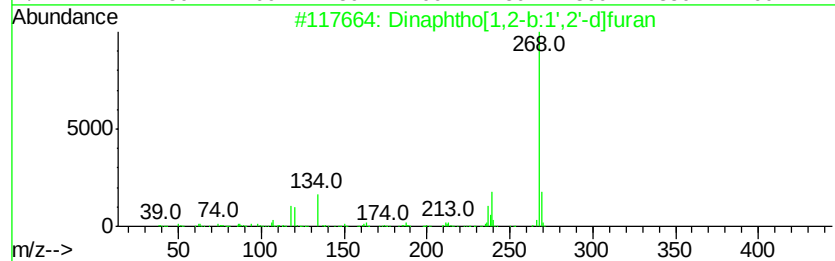
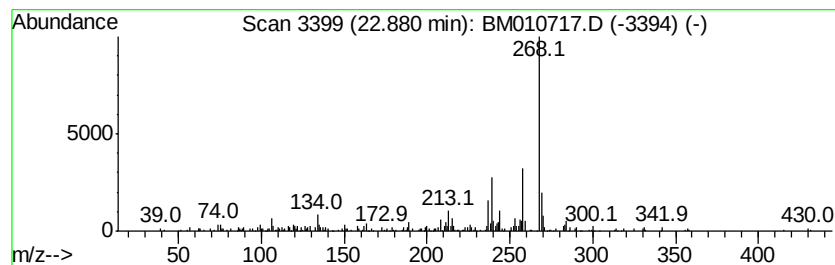
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.88	5.96 ng/ul	445355	Perylene-d12	23.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
4		trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	58
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
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Acq On : 24 Jun 2017 07:26
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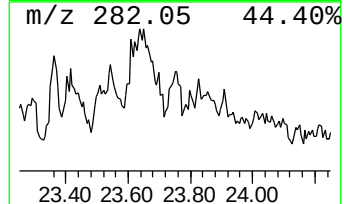
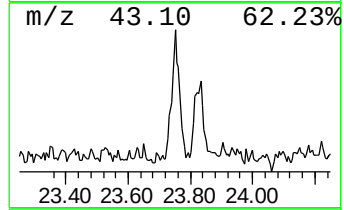
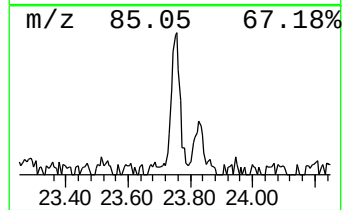
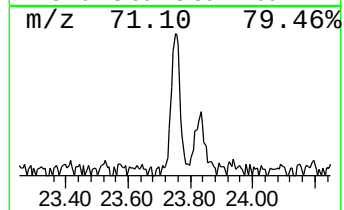
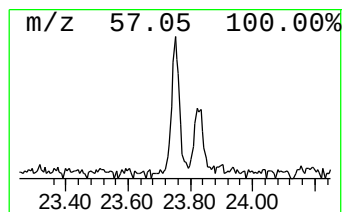
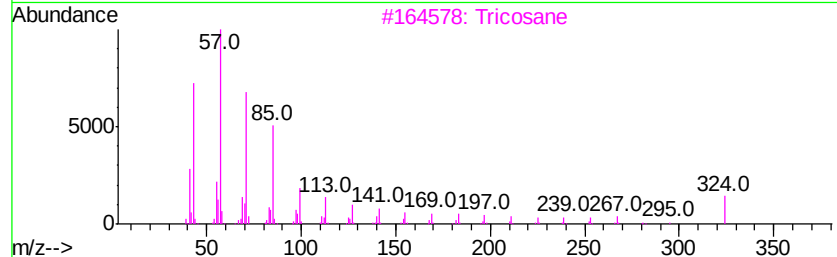
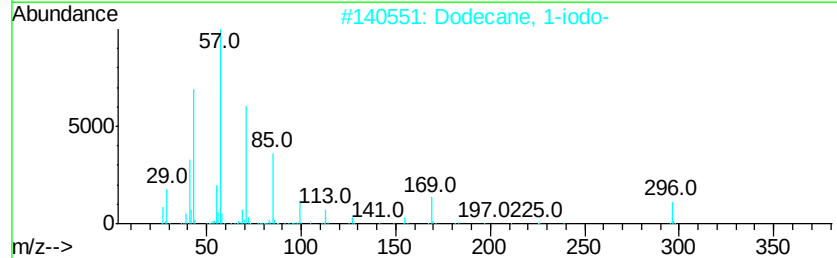
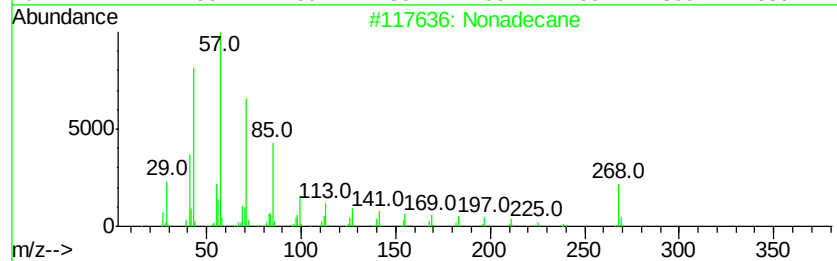
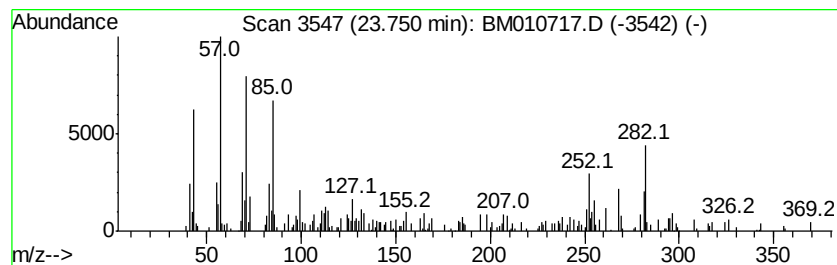
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.11 ng/ul	232333	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	64
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
3			Tricosane	324	C23H48	000638-67-5	46
4			Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	43
5			Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
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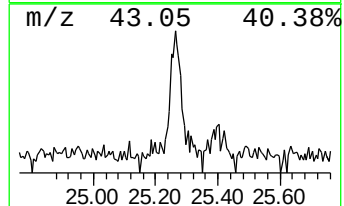
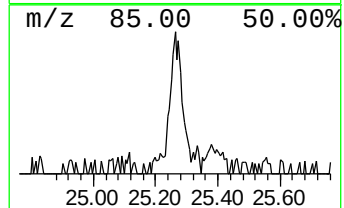
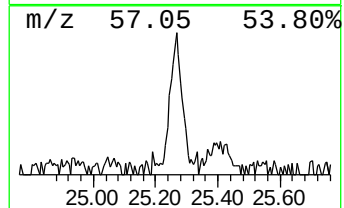
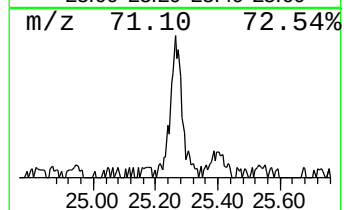
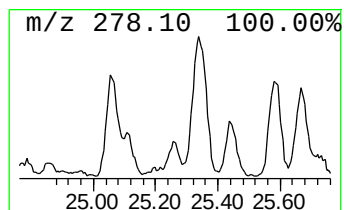
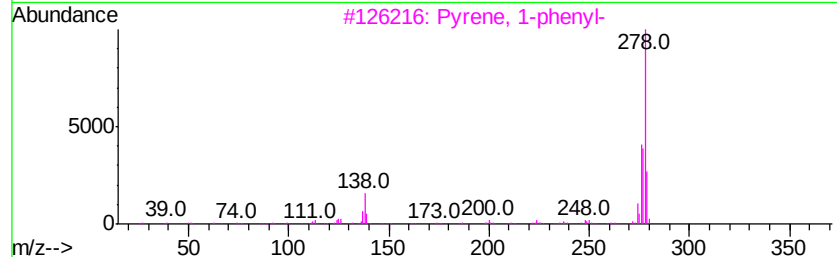
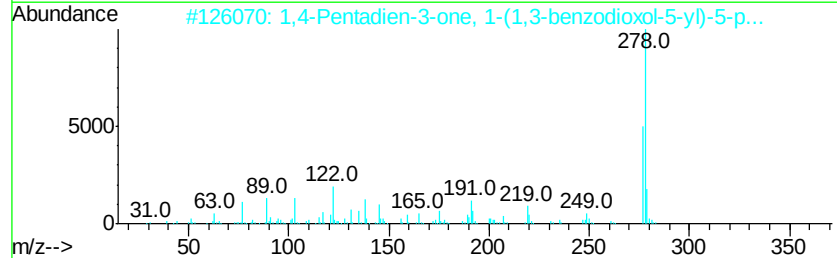
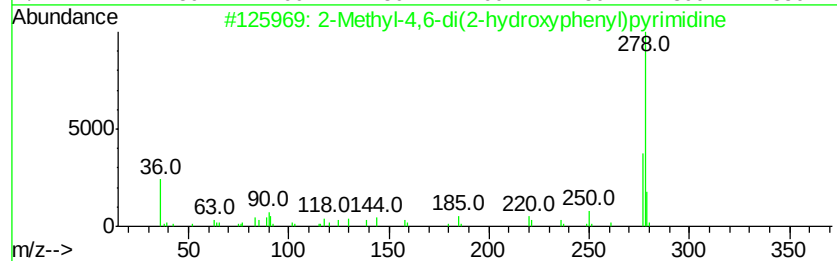
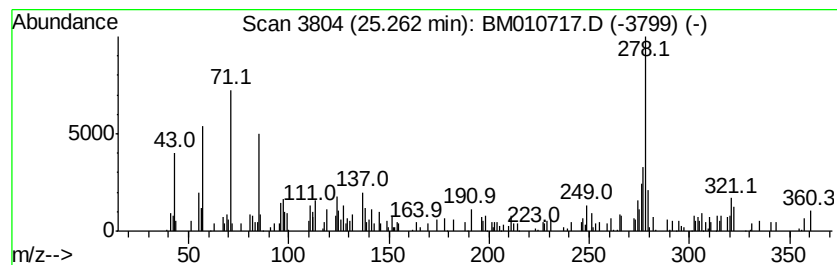
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.26	2.19 ng/ul	163628	Perylene-d12	23.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4,6-di(2-hydroxyphenyl)...	278	C17H14N2O2	1000070-55-8	46
2	1,4-Pentadien-3-one, 1-(1,3-benz...	278	C18H14O3	1000319-47-3	46
3	Pvrene, 1-phenyl-	278	C22H14	005101-27-9	43
4	Benzo[alnaphthacene	278	C22H14	000226-88-0	42
5	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
n-Hexadecanoic acid	17.79	3.9	ng/ul	376996	4	16.87	1917600	20.0
Cyclopenta(def)ph...	18.81	3.1	ng/ul	300181	4	16.87	1917600	20.0
Pyrene, 1-methyl-	19.79	3.4	ng/ul	806511	5	21.09	4692880	20.0
Pyrene, 2-methyl-	19.96	2.3	ng/ul	541410	5	21.09	4692880	20.0
unknown-01	20.82	3.8	ng/ul	886597	5	21.09	4692880	20.0
Benz[a]anthracene...	21.62	2.9	ng/ul	668359	5	21.09	4692880	20.0
Benz(a)anthracene...	22.36	7.1	ng/ul	530969	6	23.23	1494790	20.0
Dinaphtho[1,2-b:1...	22.88	6.0	ng/ul	445355	6	23.23	1494790	20.0
(DEL) Alkane: Str...	23.75	3.1	ng/ul	232333	6	23.23	1494790	20.0
unknown-02	25.26	2.2	ng/ul	163628	6	23.23	1494790	20.0