

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012758.D
 Acq On : 06 Nov 2017 02:48
 Operator : SJ/JU
 Sample : I5825-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

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-BM110417MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.810	118	123	132	rBV	161007	207245	5.61%	0.371%
2	4.028	155	160	172	rVB	263419	375594	10.17%	0.672%
3	4.946	308	316	323	rBV2	47820	82671	2.24%	0.148%
4	5.028	325	330	337	rBV2	38010	56794	1.54%	0.102%
5	5.463	398	404	415	rVB	42412	76406	2.07%	0.137%
6	5.834	460	467	472	rBV2	34465	53636	1.45%	0.096%
7	6.987	652	663	679	rVB2	494036	975210	26.41%	1.745%
8	7.145	683	690	696	rBV	394725	597704	16.19%	1.069%
9	7.345	718	724	733	rVB	555599	866711	23.47%	1.551%
10	7.434	733	739	742	rBV2	34297	53787	1.46%	0.096%
11	7.810	793	803	810	rBV	522223	840620	22.76%	1.504%
12	8.516	917	923	933	rBV	516777	860253	23.29%	1.539%
13	8.963	993	999	1007	rBV	500845	843040	22.83%	1.508%
14	9.034	1007	1011	1017	rVB	37090	53453	1.45%	0.096%
15	9.533	1091	1096	1104	rVB2	29464	49789	1.35%	0.089%
16	9.686	1115	1122	1134	rBV	441698	741543	20.08%	1.327%
17	10.228	1206	1214	1223	rVB	727565	1246028	33.74%	2.229%
18	10.598	1267	1277	1283	rBV	758369	1275014	34.53%	2.281%
19	10.645	1283	1285	1291	rVB	37252	52734	1.43%	0.094%
20	10.739	1294	1301	1312	rBV	172898	346333	9.38%	0.620%
21	11.916	1496	1501	1511	rVB	62391	102880	2.79%	0.184%
22	12.022	1511	1519	1525	rBV4	24537	43881	1.19%	0.079%
23	12.263	1554	1560	1567	rVB	34768	56418	1.53%	0.101%
24	12.480	1592	1597	1602	rBV	32993	49826	1.35%	0.089%
25	13.104	1699	1703	1708	rBV2	39868	53614	1.45%	0.096%
26	13.269	1726	1731	1740	rVB2	50321	72071	1.95%	0.129%
27	13.627	1783	1792	1795	rBV2	22198	47138	1.28%	0.084%
28	13.768	1810	1816	1820	rBV2	49075	76984	2.08%	0.138%
29	13.857	1825	1831	1835	rVV	1414887	1961228	53.11%	3.509%
30	13.904	1835	1839	1847	rVB	841705	1145977	31.03%	2.050%
31	14.139	1873	1879	1893	rBV	1636732	2637957	71.43%	4.720%
32	14.345	1910	1914	1920	rBV	84674	112129	3.04%	0.201%
33	14.445	1922	1931	1938	rVV2	1186308	1848078	50.04%	3.307%
34	14.510	1938	1942	1949	rVB3	40881	73921	2.00%	0.132%

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35	14.657	1962	1967	1976	rBV	334506	557083	15.09%	0.997%
36	14.810	1987	1993	1996	rBV3	71889	119751	3.24%	0.214%
37	14.845	1996	1999	2006	rVV3	64131	136070	3.68%	0.243%
38	14.921	2007	2012	2016	rVB3	29179	44177	1.20%	0.079%
39	15.115	2041	2045	2049	rVB2	32029	51301	1.39%	0.092%
40	15.157	2049	2052	2056	rBV5	29597	42415	1.15%	0.076%
41	15.298	2073	2076	2082	rVB2	107390	135609	3.67%	0.243%
42	15.439	2094	2100	2106	rBV	2166252	3061614	82.90%	5.478%
43	15.498	2106	2110	2117	rVV	93347	134009	3.63%	0.240%
44	15.568	2117	2122	2127	rVV	265813	350185	9.48%	0.627%
45	15.704	2143	2145	2154	rVB4	61603	85087	2.30%	0.152%
46	15.804	2156	2162	2167	rVV	423521	580798	15.73%	1.039%
47	16.162	2218	2223	2225	rBV3	167139	259423	7.02%	0.464%
48	16.498	2278	2280	2284	rVB4	34535	38687	1.05%	0.069%
49	16.727	2316	2319	2323	rBV3	37449	59646	1.62%	0.107%
50	16.845	2336	2339	2347	rVB2	61429	93195	2.52%	0.167%
51	16.951	2354	2357	2360	rVB	127443	136286	3.69%	0.244%
52	17.004	2362	2366	2376	rVB2	150772	248803	6.74%	0.445%
53	17.192	2393	2398	2402	rBV	1492036	2109920	57.13%	3.775%
54	17.233	2402	2405	2410	rVB	914843	1165183	31.55%	2.085%
55	17.292	2410	2415	2419	rBV	2170587	3072564	83.20%	5.497%
56	17.598	2464	2467	2475	rVB3	79752	135019	3.66%	0.242%
57	17.686	2479	2482	2489	rVV2	133399	185846	5.03%	0.333%
58	17.768	2493	2496	2505	rVB3	69023	122593	3.32%	0.219%
59	18.027	2537	2540	2542	rBV3	66260	77555	2.10%	0.139%
60	18.086	2543	2550	2553	rBV2	649929	1112698	30.13%	1.991%
61	18.156	2558	2562	2565	rVB	297117	336583	9.11%	0.602%
62	18.262	2575	2580	2583	rBV2	260619	439539	11.90%	0.786%
63	18.380	2597	2600	2604	rBV2	146829	183376	4.97%	0.328%
64	18.568	2628	2632	2636	rBV2	162863	229127	6.20%	0.410%
65	18.615	2637	2640	2645	rVB2	114927	171192	4.64%	0.306%
66	18.862	2679	2682	2687	rBV2	106465	166146	4.50%	0.297%
67	18.986	2699	2703	2706	rBV	168151	248875	6.74%	0.445%
68	19.127	2724	2727	2733	rVB2	120984	180272	4.88%	0.323%
69	19.250	2743	2748	2755	rVB	2188646	2882734	78.06%	5.158%
70	19.362	2764	2767	2770	rBV2	321275	383799	10.39%	0.687%
71	19.586	2799	2805	2807	rBV	2534055	3502543	94.84%	6.267%

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72	19.615	2807	2810	2818	rVB	1815885	2443604	66.17%	4.372%
73	19.686	2819	2822	2827	rVB2	129923	196443	5.32%	0.351%
74	20.103	2889	2893	2899	rVB2	351918	576590	15.61%	1.032%
75	20.203	2908	2910	2914	rVB	177811	196670	5.33%	0.352%
76	20.503	2958	2961	2965	rVB	438452	490700	13.29%	0.878%
77	21.080	3057	3059	3067	rVB3	415736	625294	16.93%	1.119%
78	21.368	3102	3108	3112	rBV2	1894395	3692924	100.00%	6.607%
79	21.409	3112	3115	3124	rVB	1026937	1394272	37.76%	2.495%
80	22.974	3377	3381	3386	rBV	732359	1379489	37.35%	2.468%
81	23.462	3461	3464	3468	rBV	460606	693514	18.78%	1.241%
82	23.521	3469	3474	3478	rBV2	1288601	2267961	61.41%	4.058%
83	23.662	3495	3498	3503	rVB	786972	1156725	31.32%	2.070%

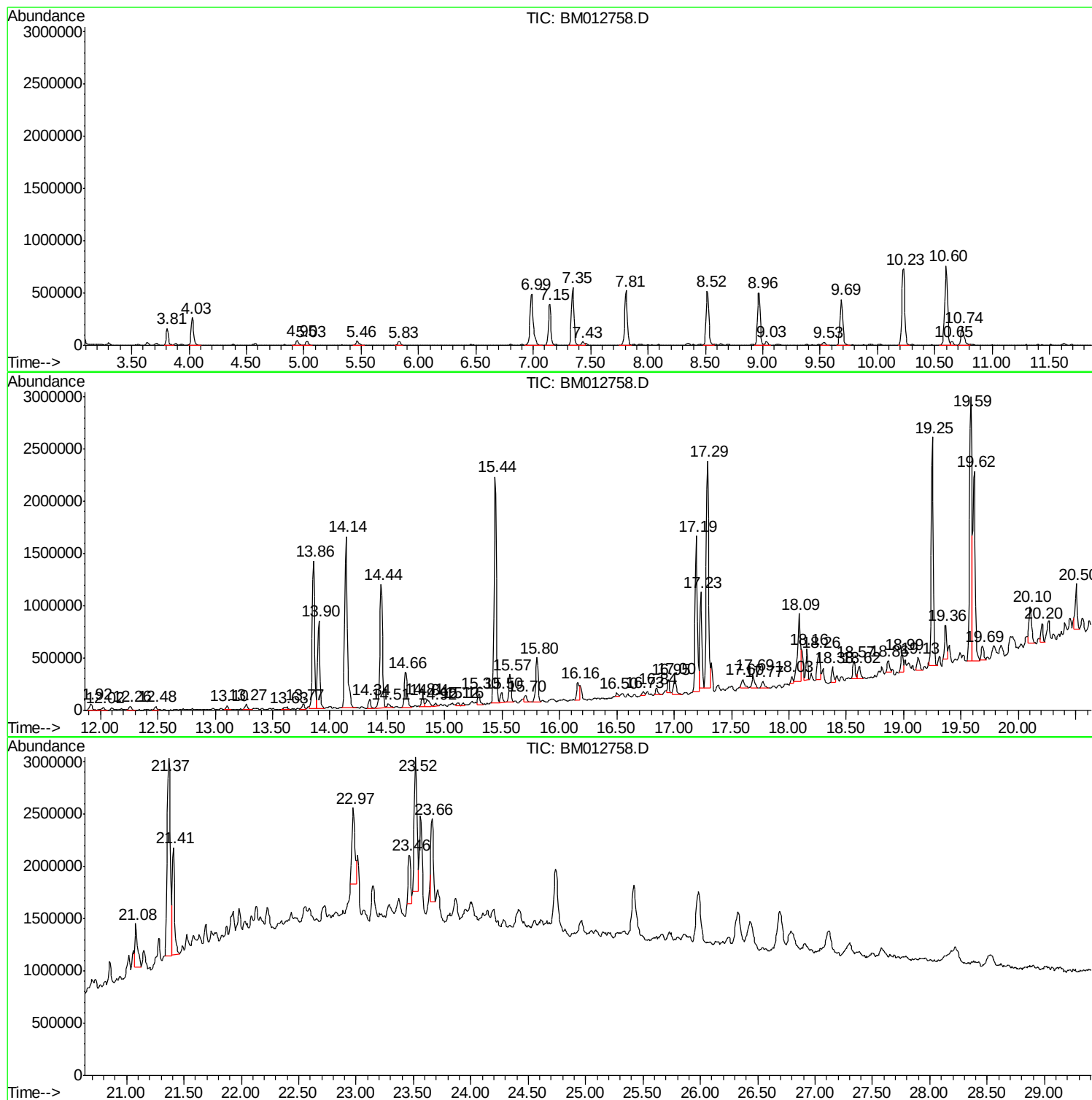
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



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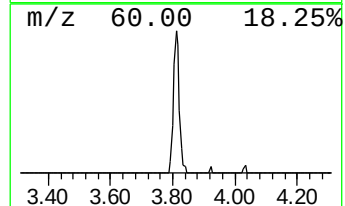
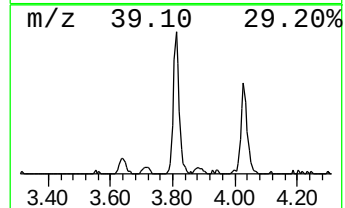
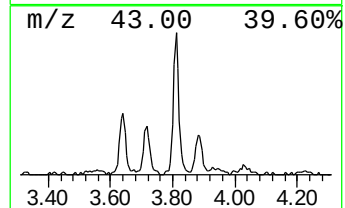
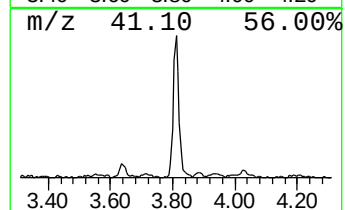
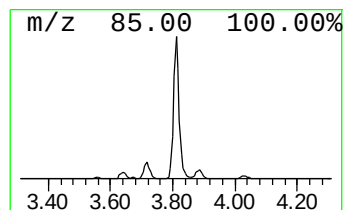
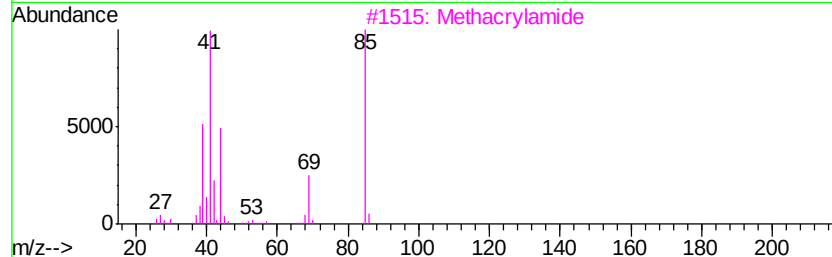
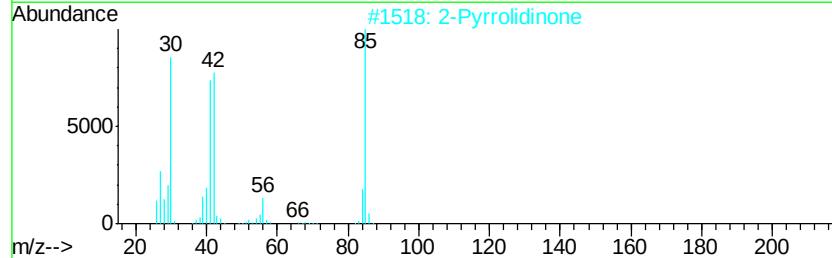
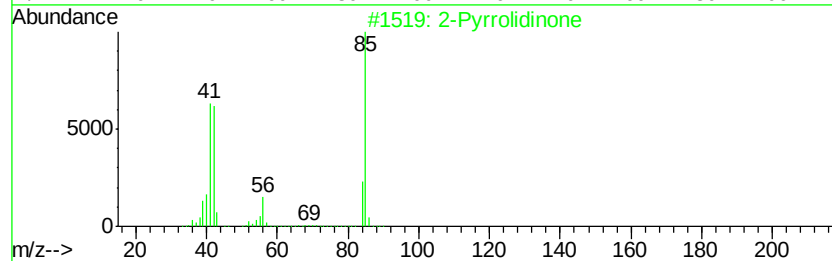
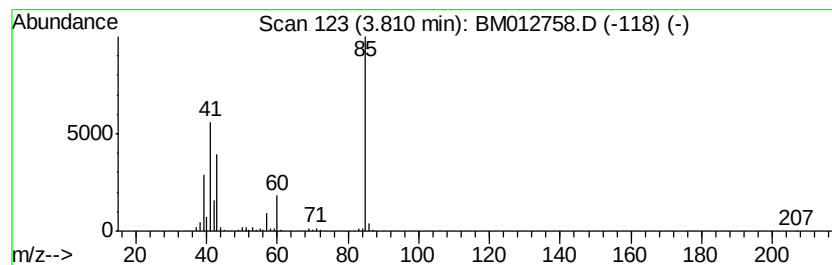
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	4.93 ng/ul	207245	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3		Methacrylamide	85	C4H7NO	000079-39-0	17
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5		5-Methyltetrahydrofuran-2-methan...	116	C6H12O2	006126-49-4	9



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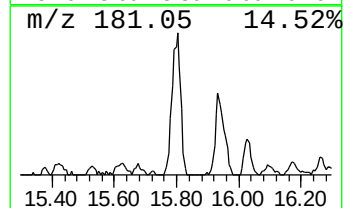
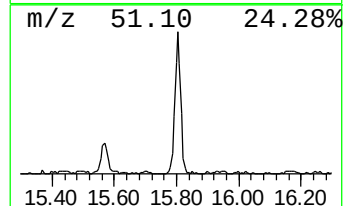
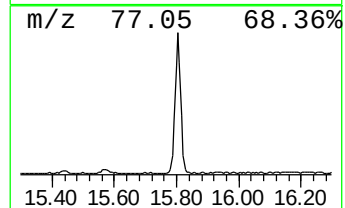
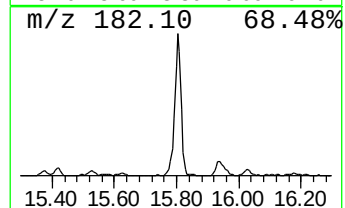
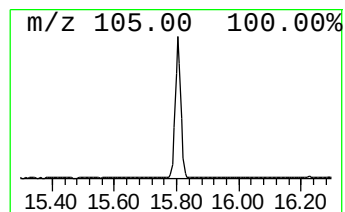
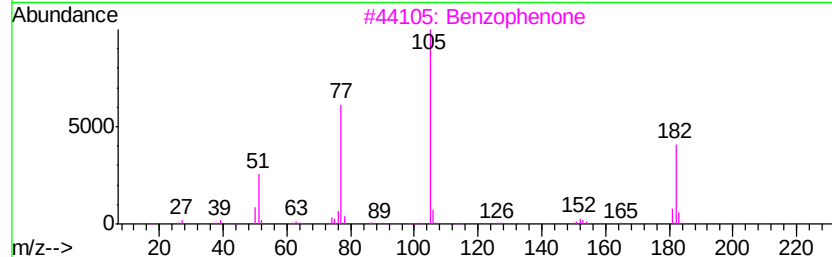
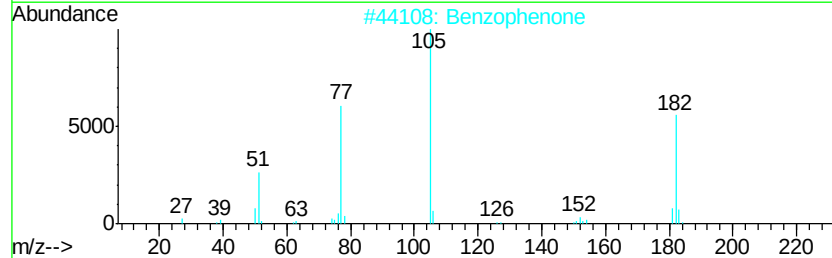
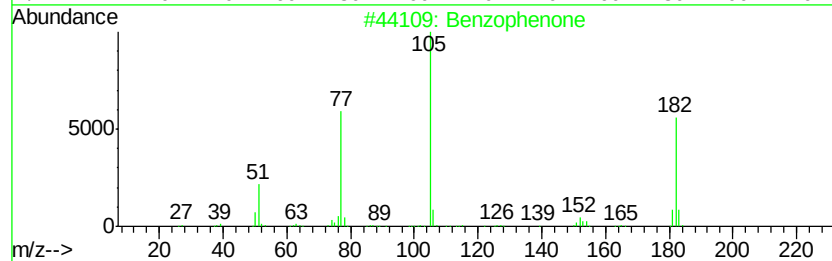
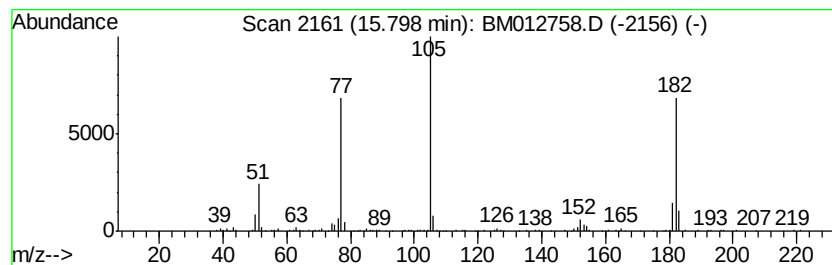
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	6.29 ng/ul	580798	Acenaphthene-d10	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	96
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	81



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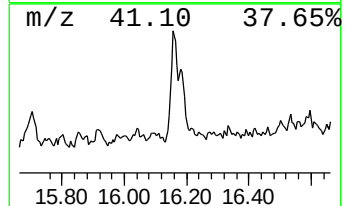
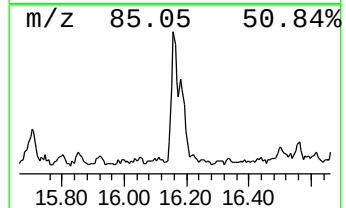
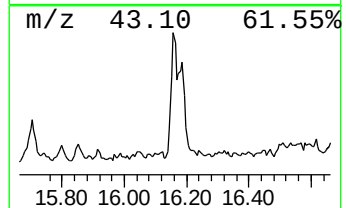
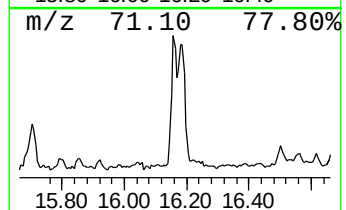
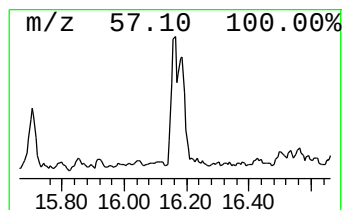
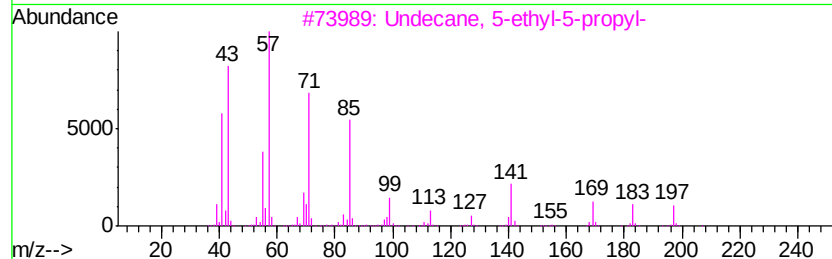
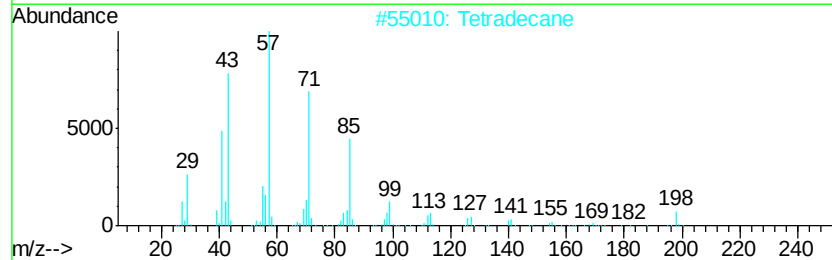
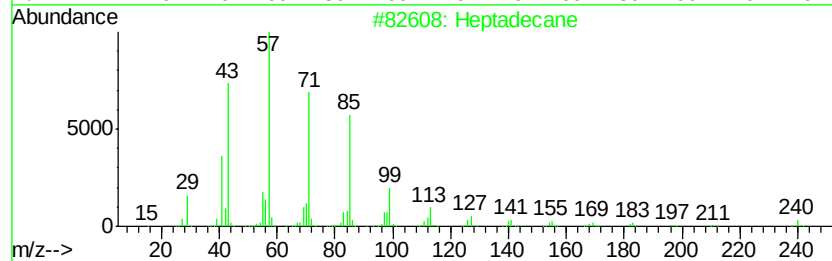
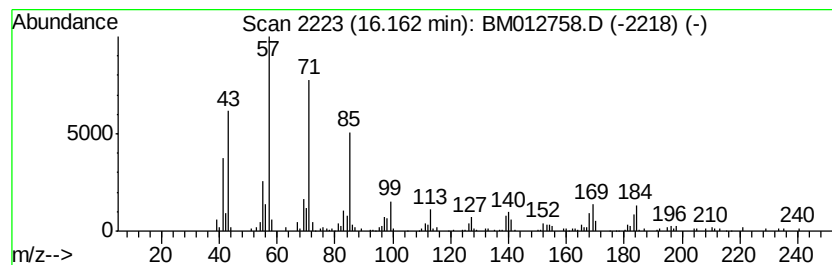
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.46 ng/ul	259423	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tetradecane	198	C14H30	000629-59-4	89
3			Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	87
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5			Tridecane	184	C13H28	000629-50-5	83



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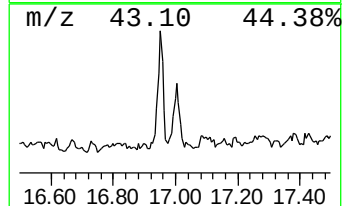
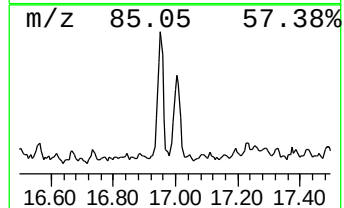
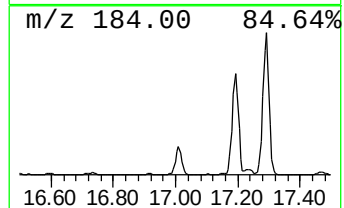
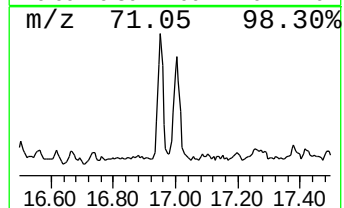
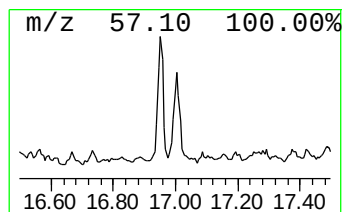
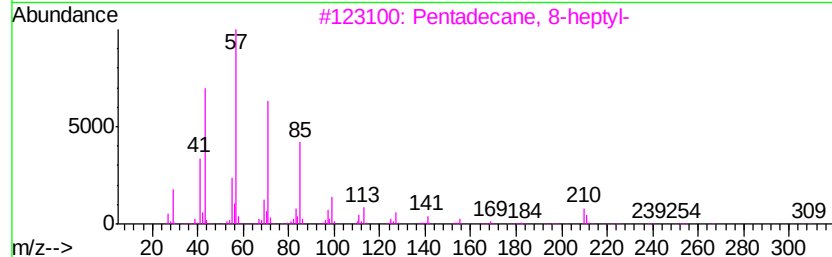
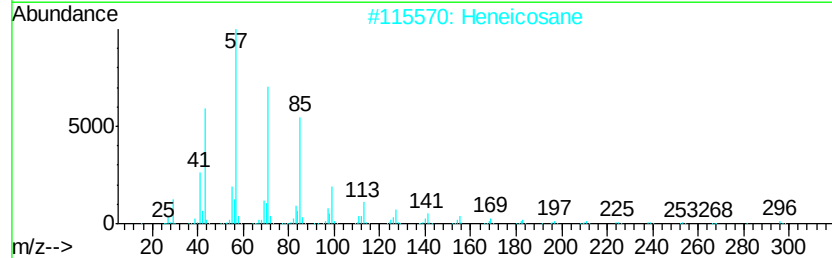
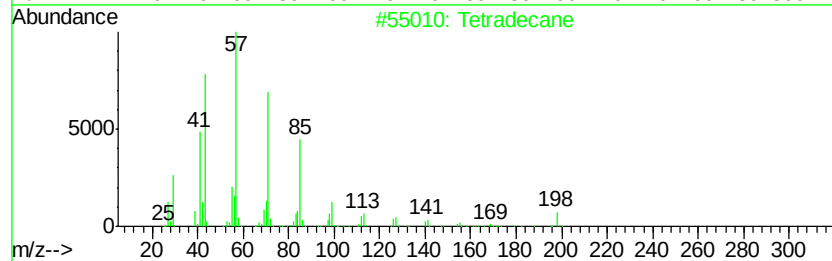
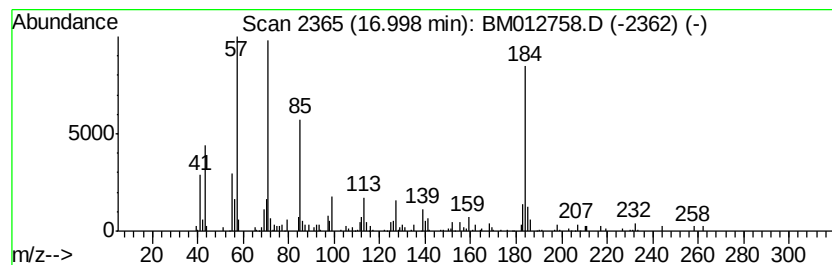
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.36 ng/ul	248803	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	70
2		Heneicosane	296	C21H44	000629-94-7	55
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	46
4		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	46
5		Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
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Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5825-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

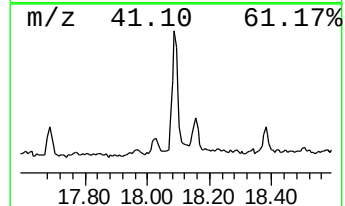
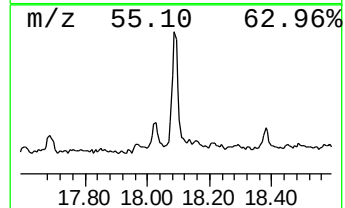
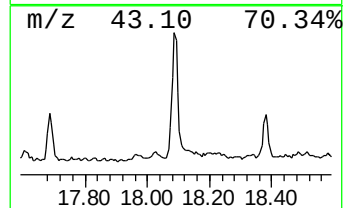
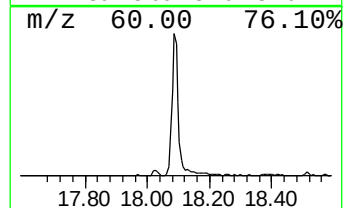
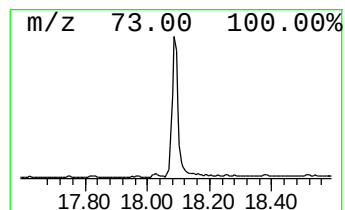
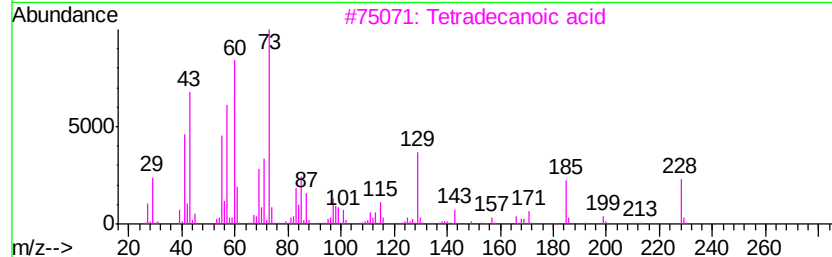
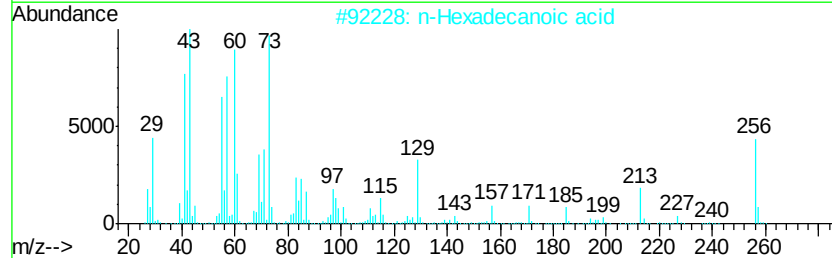
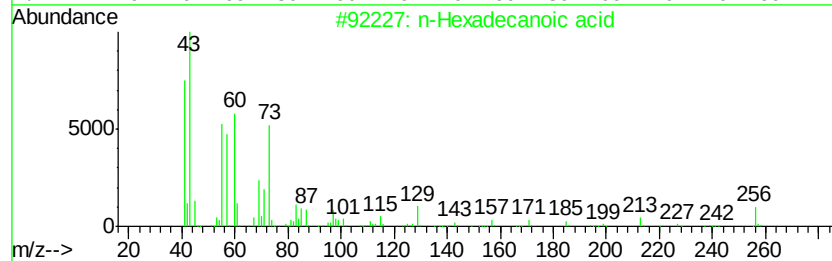
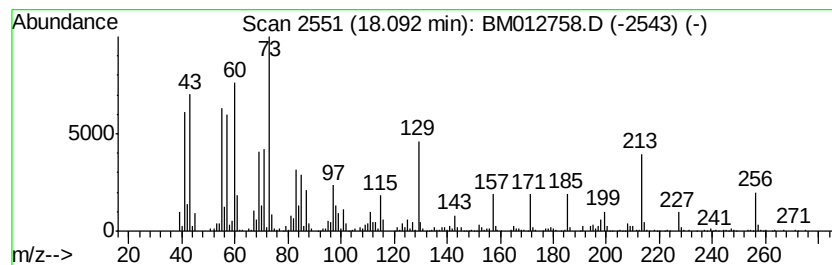
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	10.55 ng/ul	1112700	Phenanthrene-d10	17.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 98
2		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 96
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 94
4		Tridecanoic acid	214 C13H26O2	000638-53-9 89
5		Tridecanoic acid	214 C13H26O2	000638-53-9 76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
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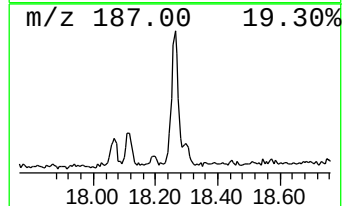
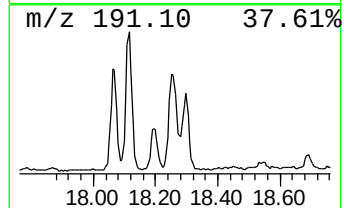
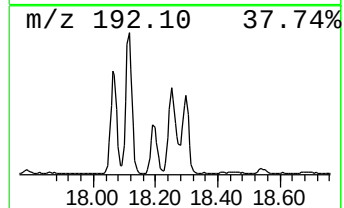
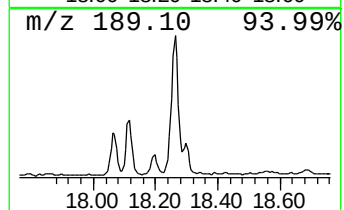
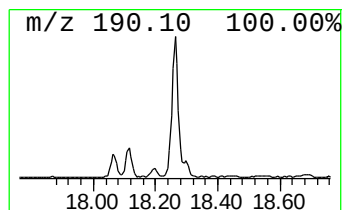
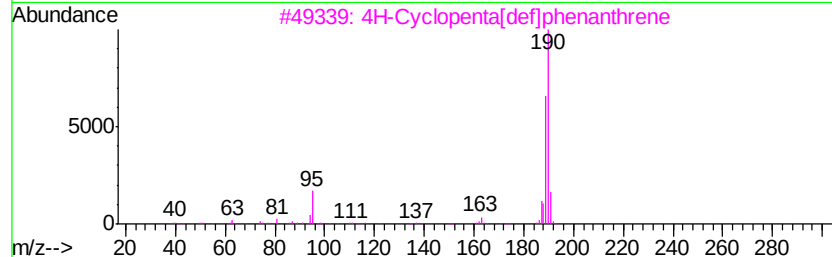
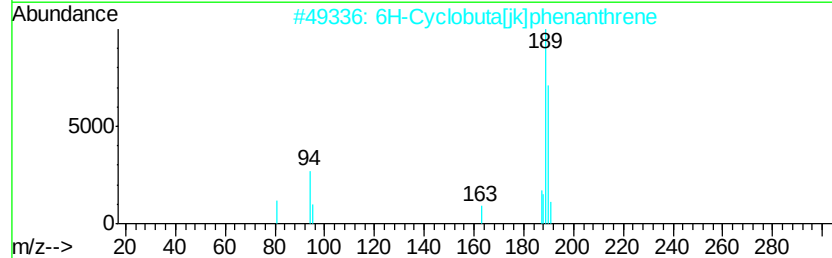
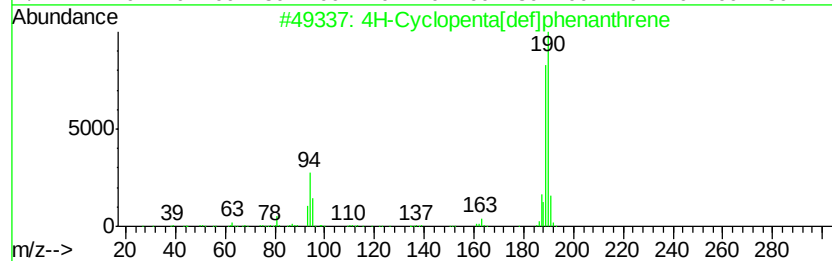
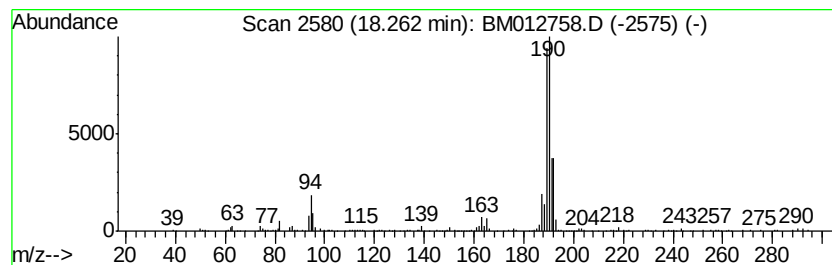
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.26	4.17 ng/ul	439539	Phenanthrene-d10	17.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5825-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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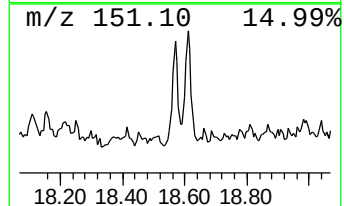
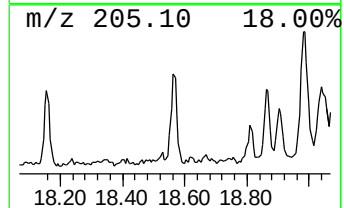
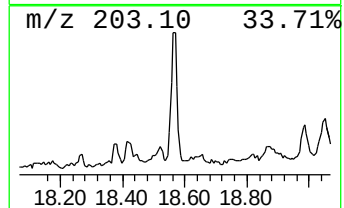
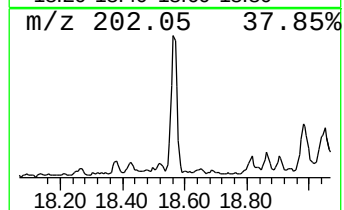
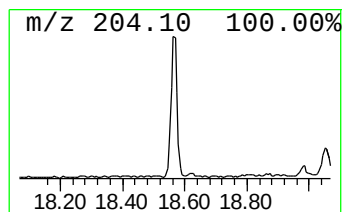
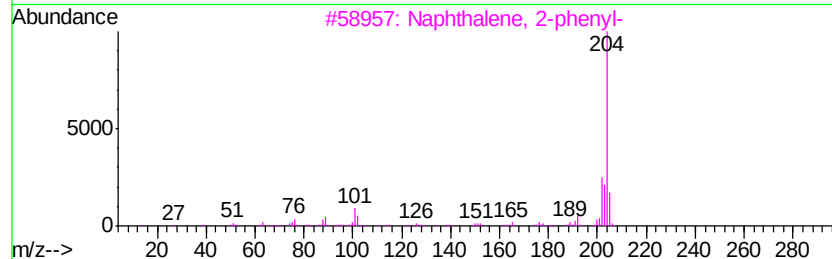
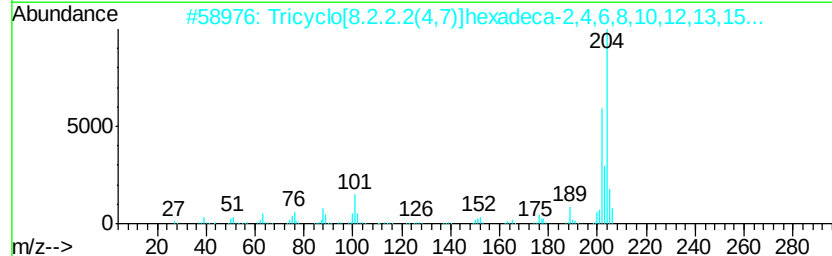
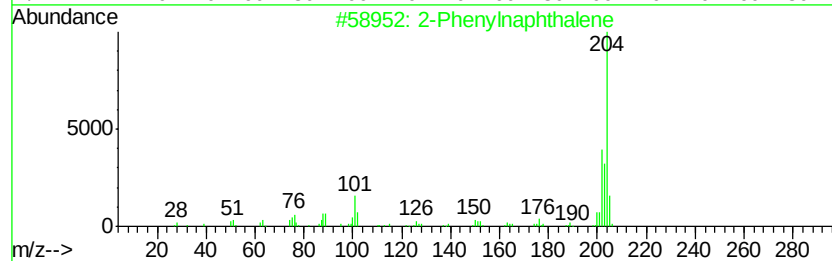
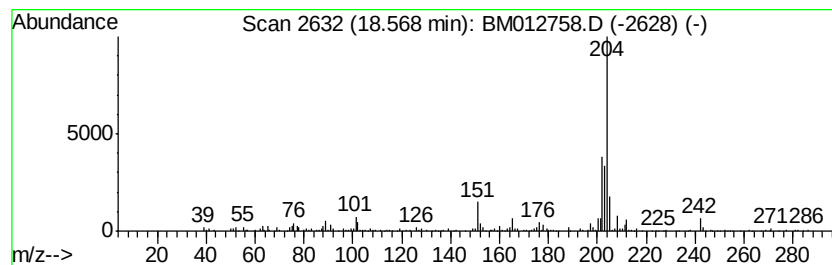
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2-Phenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.17 ng/ul	229127	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	64
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012758.D
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Operator : SJ/JU
Sample : I5825-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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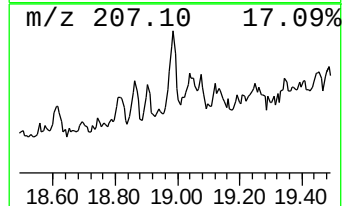
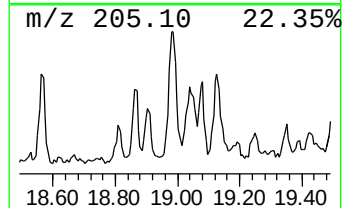
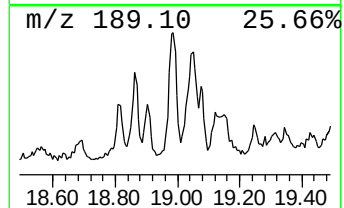
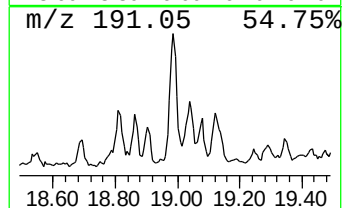
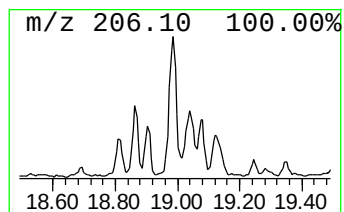
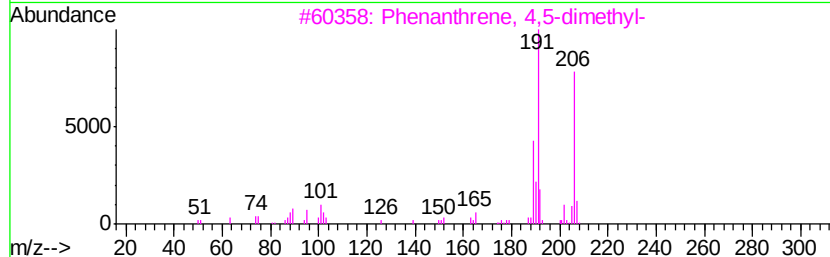
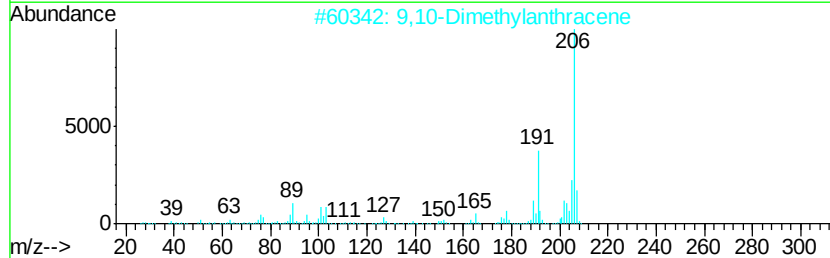
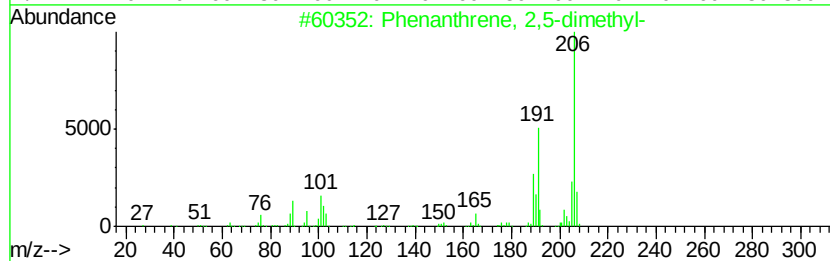
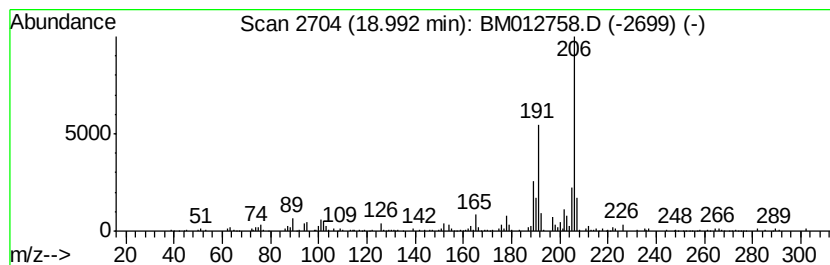
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.36 ng/ul	248875	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
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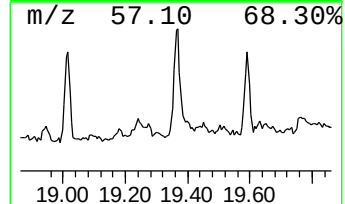
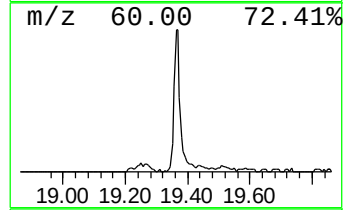
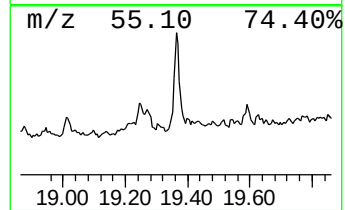
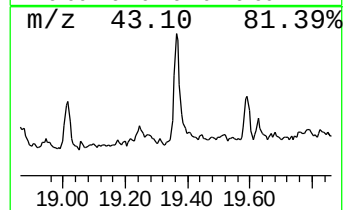
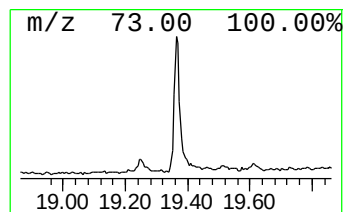
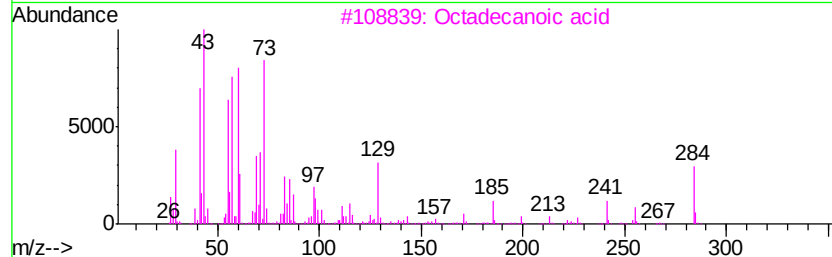
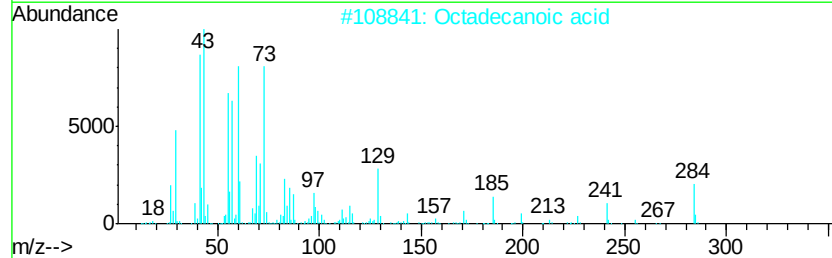
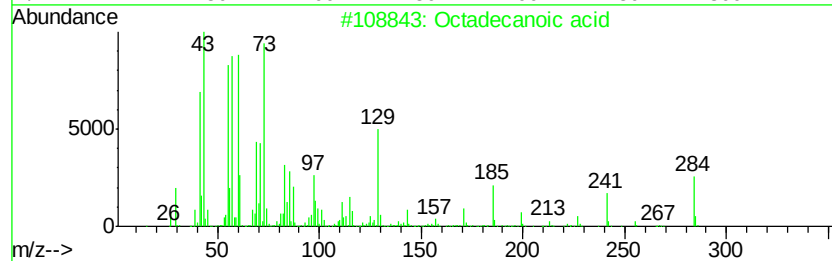
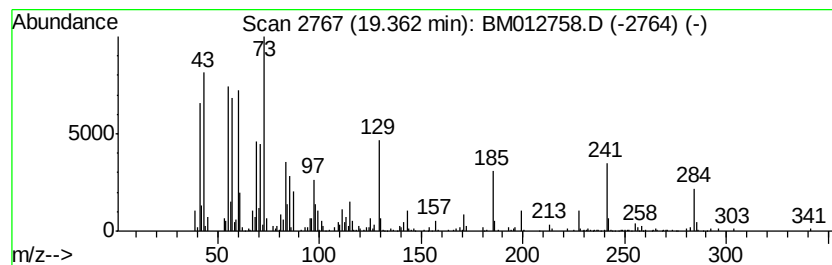
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.08 ng/ul	383799	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012758.D
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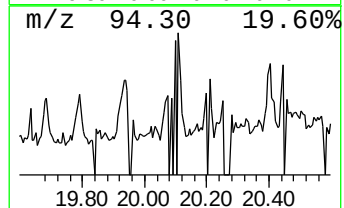
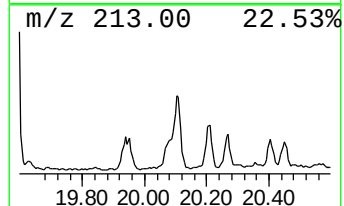
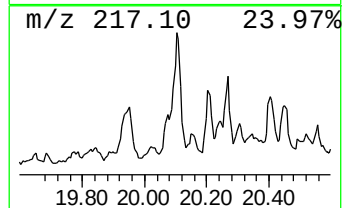
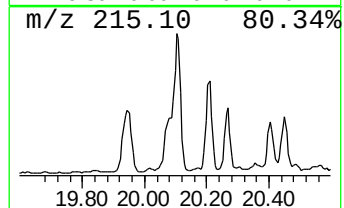
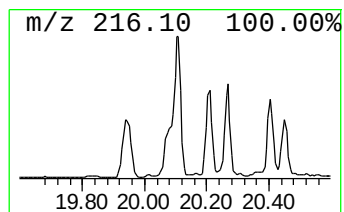
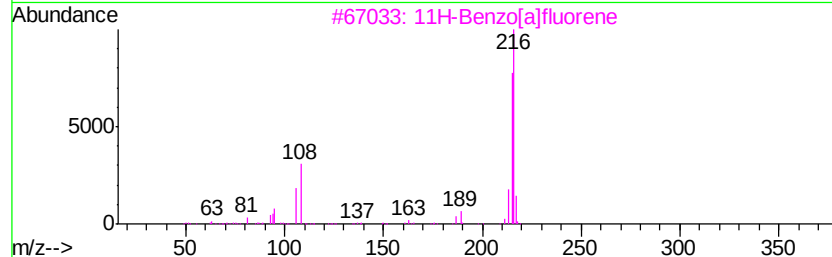
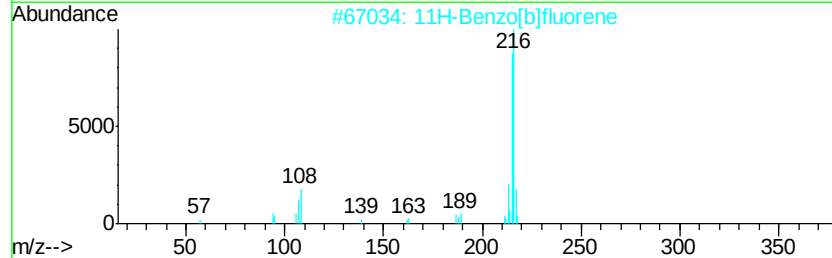
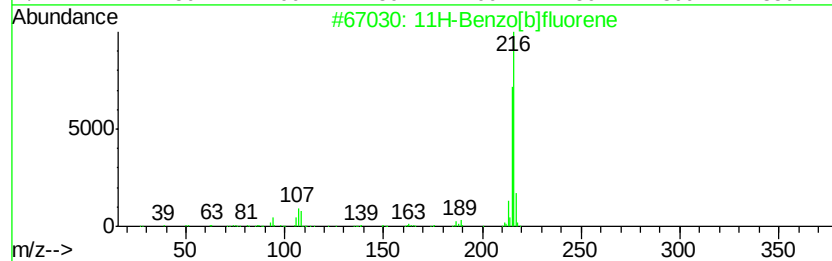
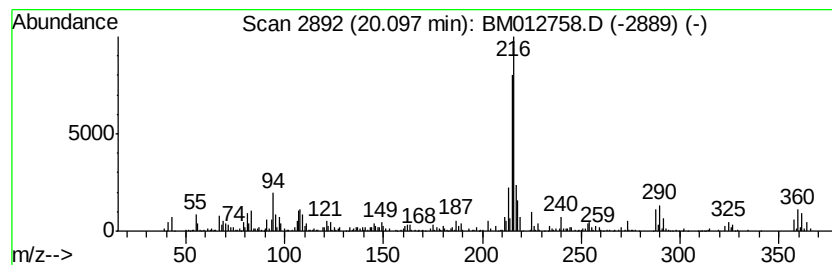
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.12 ng/ul	576590	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
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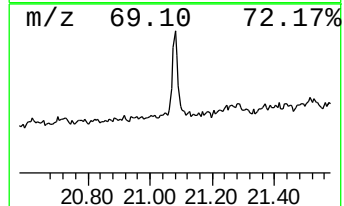
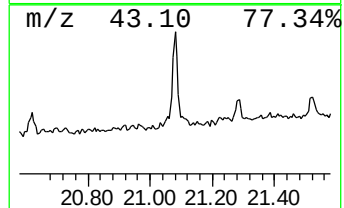
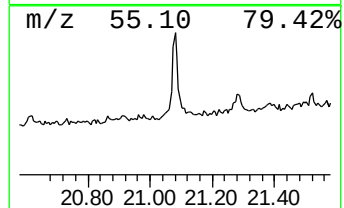
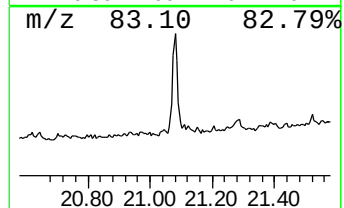
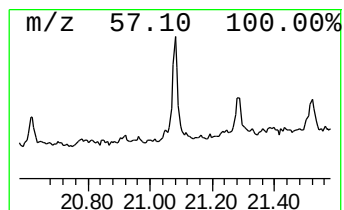
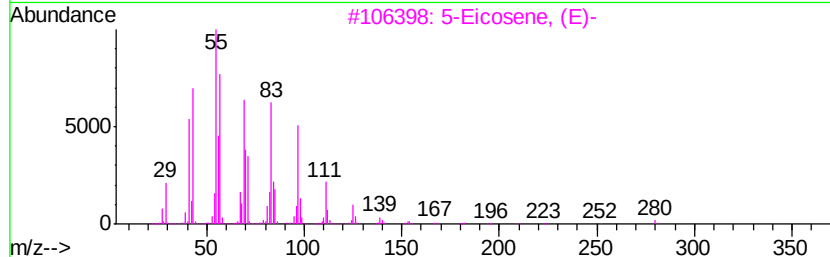
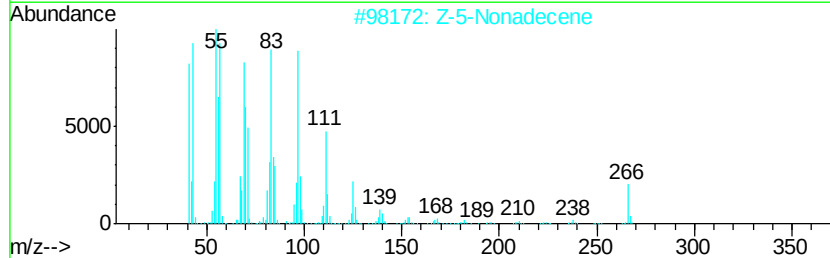
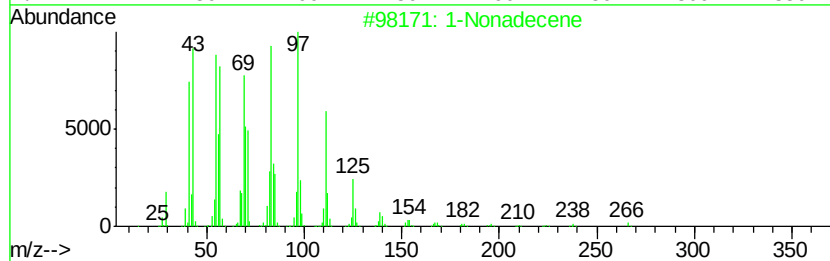
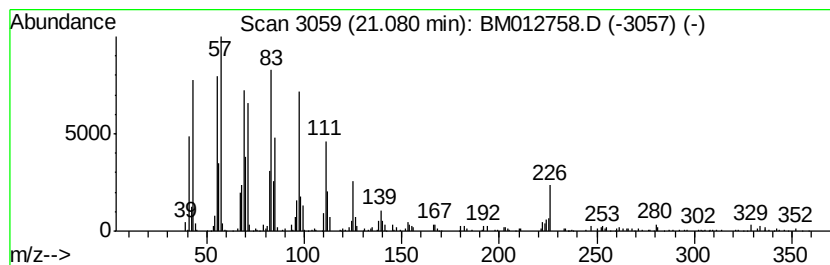
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic21.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	3.39 ng/ul	625294	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	97
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4		Cyclohexadecane	224	C16H32	000295-65-8	93
5		Cyclotetracosane	336	C24H48	000297-03-0	92



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012758.D
 Acq On : 06 Nov 2017 02:48
 Operator : SJ/JU
 Sample : I5825-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.81	4.9	ng/ul	207245	1	7.81	840620	20.0
Benzophenone	15.80	6.3	ng/ul	580798	3	14.44	1848080	20.0
(DEL) Alkane: Str...	16.16	2.5	ng/ul	259423	4	17.19	2109920	20.0
(DEL) Alkane: Str...	17.00	2.4	ng/ul	248803	4	17.19	2109920	20.0
n-Hexadecanoic acid	18.09	10.6	ng/ul	1112700	4	17.19	2109920	20.0
4H-Cyclopenta[def...	18.26	4.2	ng/ul	439539	4	17.19	2109920	20.0
2-Phenylnaphthalene	18.57	2.2	ng/ul	229127	4	17.19	2109920	20.0
Phenanthrene, 2,5...	18.99	2.4	ng/ul	248875	4	17.19	2109920	20.0
Octadecanoic acid	19.36	2.1	ng/ul	383799	5	21.37	3692920	20.0
11H-Benzo[b]fluorene	20.10	3.1	ng/ul	576590	5	21.37	3692920	20.0
(DEL) Alkane: Cyc...	21.08	3.4	ng/ul	625294	5	21.37	3692920	20.0