

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014458.D
 Acq On : 02 Mar 2018 12:55
 Operator : SJ/JU
 Sample : J1678-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T2RE

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	3.087	15	17	26	rVB3	38720	56829	1.23%	0.081%
2	4.663	282	285	287	rBV2	44153	52441	1.13%	0.074%
3	4.687	287	289	295	rVB3	46047	72439	1.57%	0.103%
4	6.722	627	635	650	rVB	666486	1295937	28.02%	1.837%
5	6.863	653	659	668	rVV	533399	802138	17.34%	1.137%
6	7.057	685	692	702	rBV	783810	1280780	27.69%	1.815%
7	7.510	762	769	779	rBV	539788	865713	18.72%	1.227%
8	8.245	887	894	903	rBV	876645	1565949	33.85%	2.219%
9	8.675	960	967	978	rBV	789759	1324124	28.63%	1.877%
10	8.828	989	993	1000	rVB3	35070	56606	1.22%	0.080%
11	9.386	1081	1088	1101	rBV	703908	1251994	27.07%	1.774%
12	9.933	1175	1181	1199	rBV	875413	1754711	37.93%	2.487%
13	10.281	1231	1240	1246	rBV	758318	1281153	27.70%	1.816%
14	10.333	1246	1249	1253	rVB	36916	54791	1.18%	0.078%
15	10.445	1257	1268	1283	rBV	659869	1389210	30.03%	1.969%
16	12.980	1694	1699	1704	rBV5	25838	48076	1.04%	0.068%
17	13.498	1776	1787	1792	rBV5	19871	54821	1.19%	0.078%
18	13.598	1798	1804	1809	rBV	1806247	2518379	54.44%	3.569%
19	13.645	1809	1812	1819	rVB	515320	651549	14.09%	0.923%
20	13.869	1839	1850	1862	rBV	2003607	3079022	66.56%	4.364%
21	14.074	1878	1885	1891	rBV2	84986	120650	2.61%	0.171%
22	14.174	1891	1902	1908	rVV2	1124498	1764797	38.15%	2.501%
23	14.239	1908	1913	1925	rVB2	193585	336184	7.27%	0.476%
24	14.474	1947	1953	1967	rBV2	411067	1136877	24.58%	1.611%
25	14.586	1967	1972	1976	rVV	78685	129890	2.81%	0.184%
26	14.980	2031	2039	2043	rBV3	67271	98439	2.13%	0.140%
27	15.033	2043	2048	2054	rVB2	118111	146341	3.16%	0.207%
28	15.180	2067	2073	2079	rBV	2469133	3433280	74.22%	4.866%
29	15.239	2079	2083	2088	rVB	162252	231221	5.00%	0.328%
30	15.357	2095	2103	2108	rBV	333876	555852	12.02%	0.788%
31	15.433	2112	2116	2122	rVB6	50372	115717	2.50%	0.164%
32	15.533	2130	2133	2140	rVB4	38226	53391	1.15%	0.076%
33	15.739	2164	2168	2172	rVB7	34652	48831	1.06%	0.069%
34	15.898	2191	2195	2198	rBV	125651	194608	4.21%	0.276%

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35	15.927	2198	2200	2210	rVB2	168860	235477	5.09%	0.334%
36	16.151	2233	2238	2245	rVB6	45292	77135	1.67%	0.109%
37	16.239	2248	2253	2261	rBV9	42652	101970	2.20%	0.145%
38	16.362	2270	2274	2277	rBV6	30612	50010	1.08%	0.071%
39	16.610	2311	2316	2320	rBV2	51388	76008	1.64%	0.108%
40	16.692	2320	2330	2336	rVV8	122849	341002	7.37%	0.483%
41	16.751	2336	2340	2346	rVB2	81554	161232	3.49%	0.228%
42	16.851	2353	2357	2361	rBV7	41100	58743	1.27%	0.083%
43	16.939	2365	2372	2376	rBV	1383066	2045794	44.23%	2.899%
44	16.980	2376	2379	2384	rVV	1496080	2131244	46.07%	3.020%
45	17.039	2384	2389	2393	rVV	2629077	3715879	80.33%	5.266%
46	17.074	2393	2395	2401	rVV	356830	427250	9.24%	0.605%
47	17.139	2401	2406	2411	rVB7	36495	76701	1.66%	0.109%
48	17.333	2435	2439	2440	rBV3	82240	100545	2.17%	0.142%
49	17.362	2441	2444	2450	rVV	158564	237294	5.13%	0.336%
50	17.433	2453	2456	2459	rBV2	68300	89295	1.93%	0.127%
51	17.533	2468	2473	2479	rVB9	53485	104826	2.27%	0.149%
52	17.733	2502	2507	2513	rBV9	57839	128230	2.77%	0.182%
53	17.815	2518	2521	2523	rVV2	131464	163019	3.52%	0.231%
54	17.851	2523	2527	2535	rVB2	390908	812828	17.57%	1.152%
55	17.951	2540	2544	2547	rVB	72519	97903	2.12%	0.139%
56	18.009	2549	2554	2558	rBV2	259391	432019	9.34%	0.612%
57	18.127	2570	2574	2581	rBV8	76913	167832	3.63%	0.238%
58	18.327	2604	2608	2614	rBV	116427	167050	3.61%	0.237%
59	18.386	2614	2618	2625	rVB2	188125	277817	6.01%	0.394%
60	18.892	2700	2704	2710	rBV2	214362	326245	7.05%	0.462%
61	19.015	2719	2725	2731	rVB	2244764	3043065	65.79%	4.313%
62	19.356	2777	2783	2785	rBV	3133209	4445033	96.09%	6.299%
63	19.380	2785	2787	2796	rVB	1771198	2206773	47.71%	3.127%
64	19.568	2816	2819	2822	rVB	118130	135152	2.92%	0.192%
65	19.715	2839	2844	2849	rVB4	121643	275607	5.96%	0.391%
66	19.880	2870	2872	2878	rVB2	281662	414614	8.96%	0.588%
67	19.986	2886	2890	2894	rBV	234146	301983	6.53%	0.428%
68	20.233	2930	2932	2936	rVB2	192973	187196	4.05%	0.265%
69	20.862	3037	3039	3047	rVB4	512005	754516	16.31%	1.069%
70	20.986	3056	3060	3065	rVB	847403	1000585	21.63%	1.418%
71	21.092	3071	3078	3083	rBV2	2518911	4625707	100.00%	6.555%

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72	21.156	3083	3089	3093	rVV2	1990715	3911511	84.56%	5.543%
73	21.197	3093	3096	3102	rVB	956574	1167538	25.24%	1.655%
74	21.439	3134	3137	3141	rBV2	314559	374857	8.10%	0.531%
75	21.803	3196	3199	3212	rVB3	608285	1087022	23.50%	1.541%
76	22.656	3340	3344	3347	rBV	1102463	1507690	32.59%	2.137%
77	23.203	3433	3437	3442	rBV2	1301590	2133493	46.12%	3.024%
78	23.344	3456	3461	3466	rBV	632480	1078900	23.32%	1.529%
79	23.809	3536	3540	3547	rVB2	851886	1485585	32.12%	2.105%

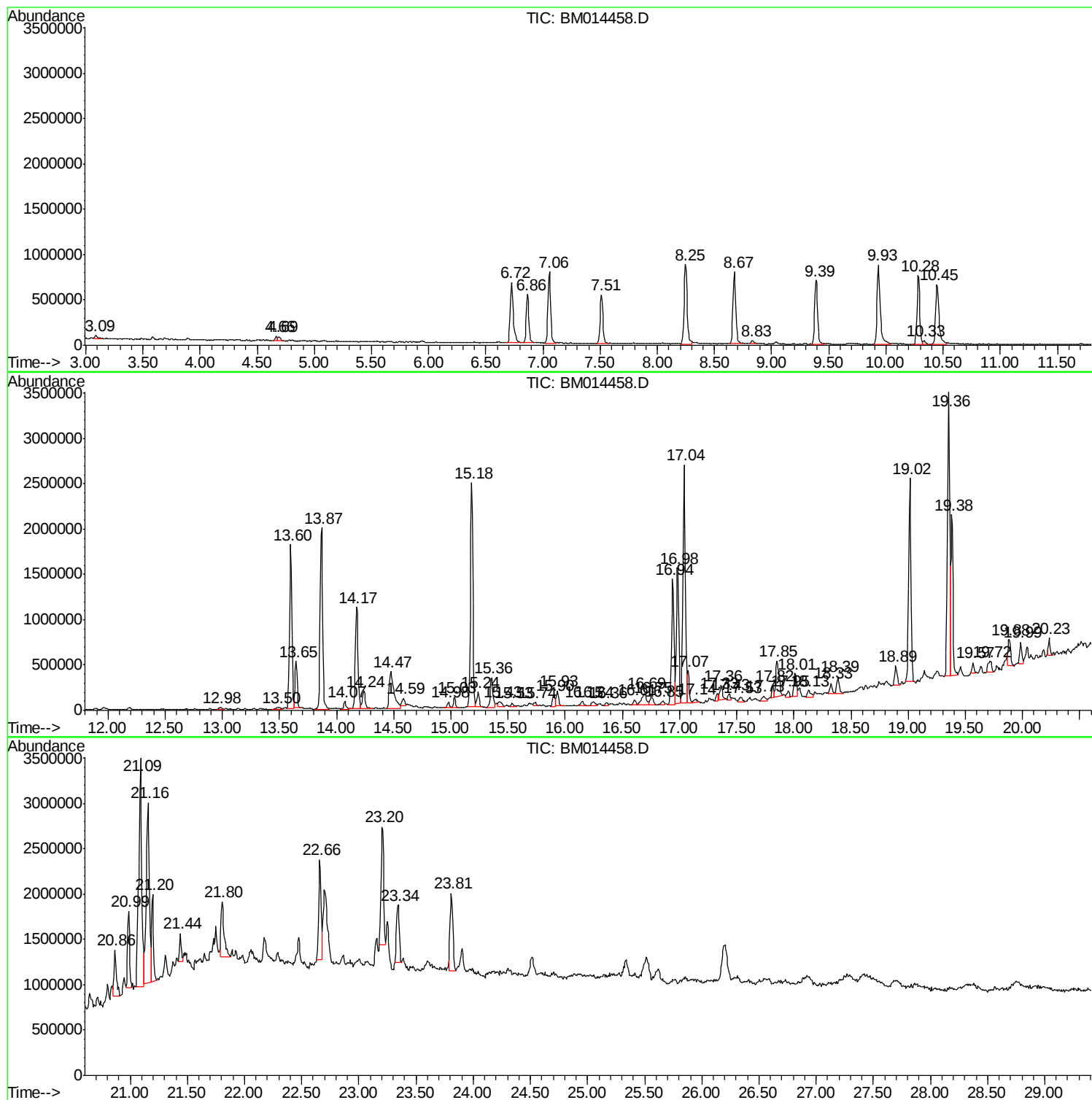
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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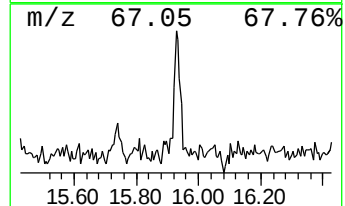
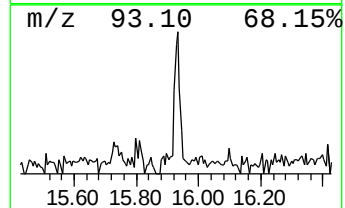
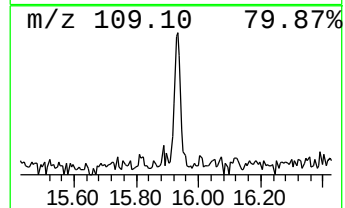
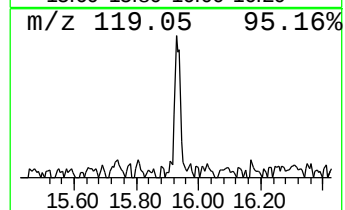
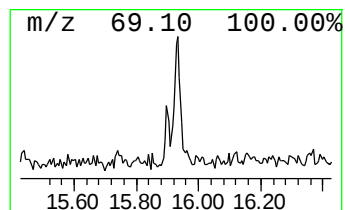
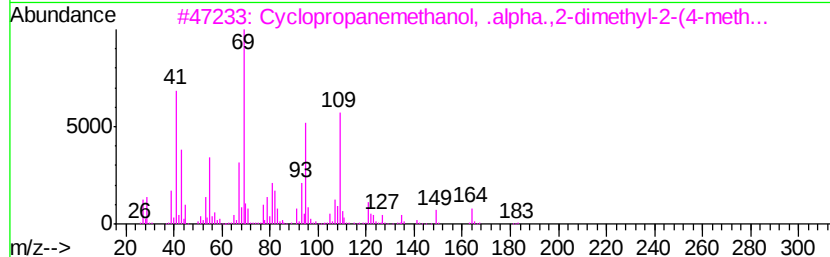
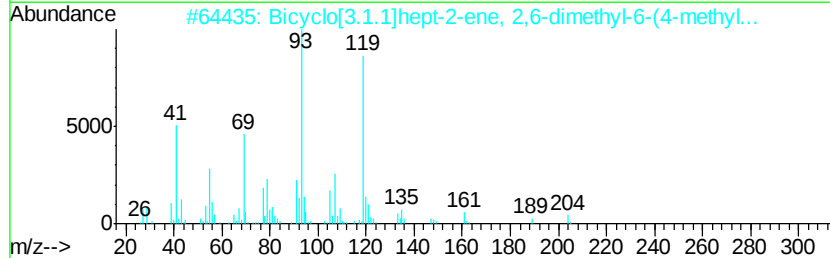
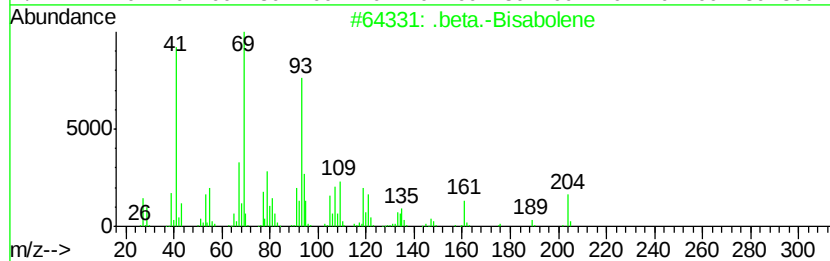
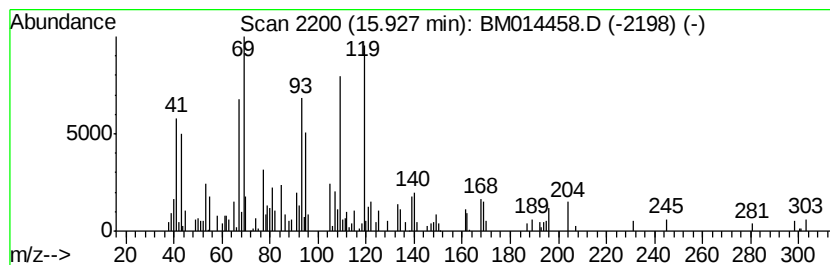
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.30 ng/ul	235477	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Bisabolene	204	C15H24	000495-61-4	46
2		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	38
3		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	35
4		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	25
5		Copaene	204	C15H24	003856-25-5	20



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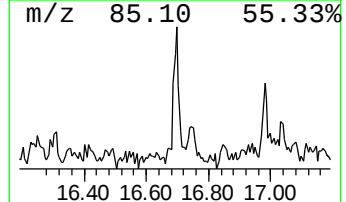
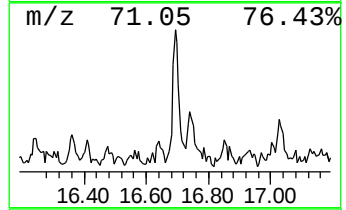
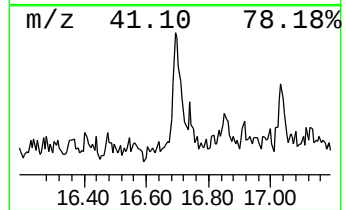
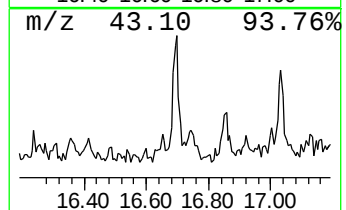
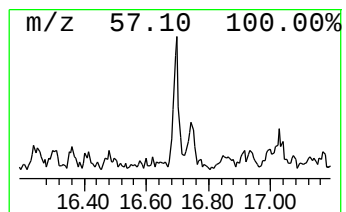
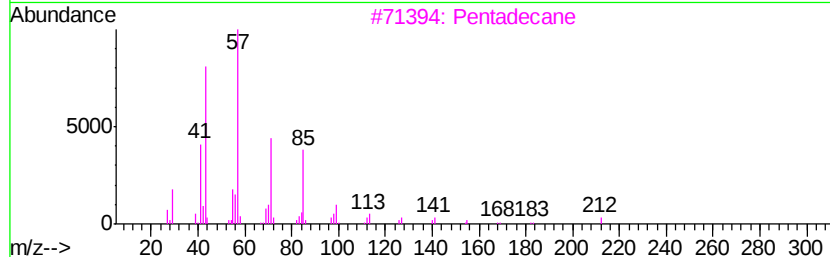
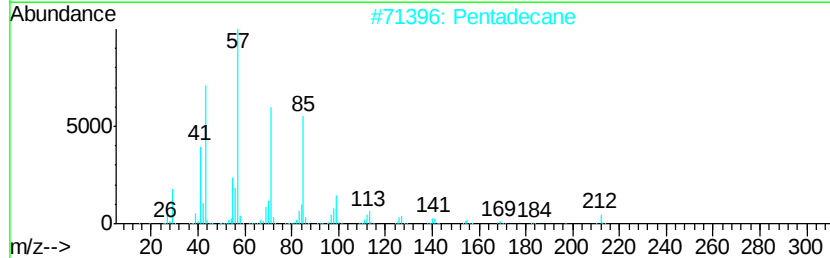
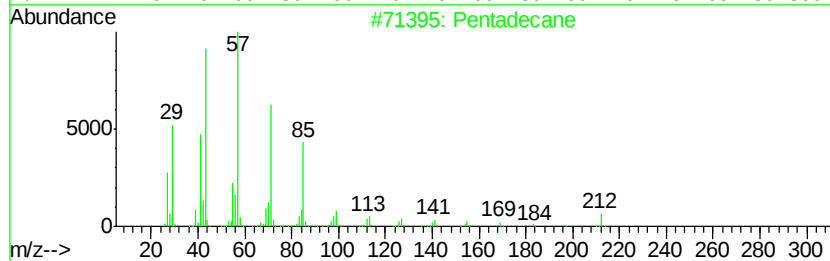
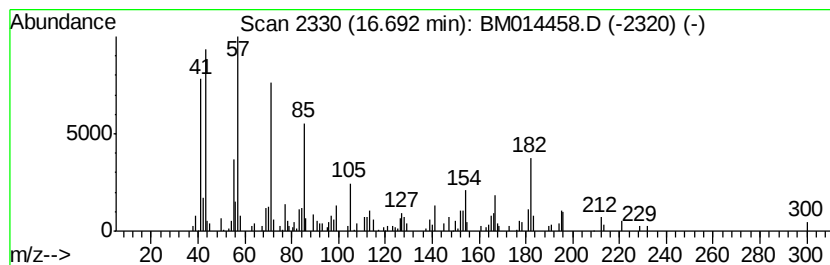
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.33 ng/ul	341002	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	92
2		Pentadecane	212	C15H32	000629-62-9	80
3		Pentadecane	212	C15H32	000629-62-9	60
4		Eicosane	282	C20H42	000112-95-8	55
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	53



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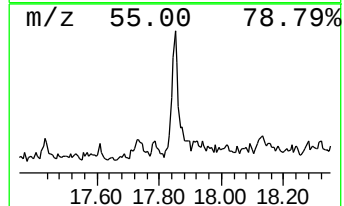
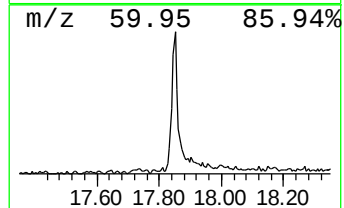
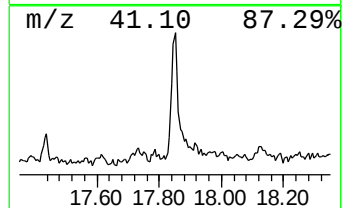
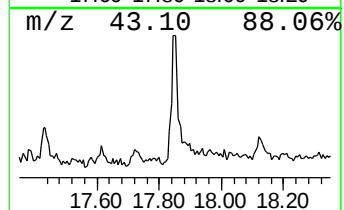
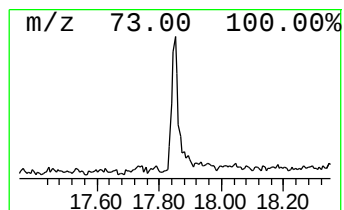
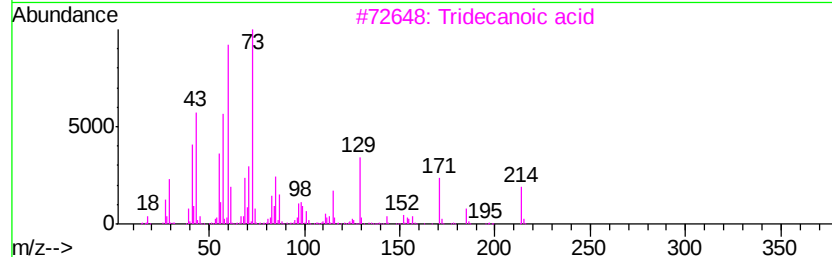
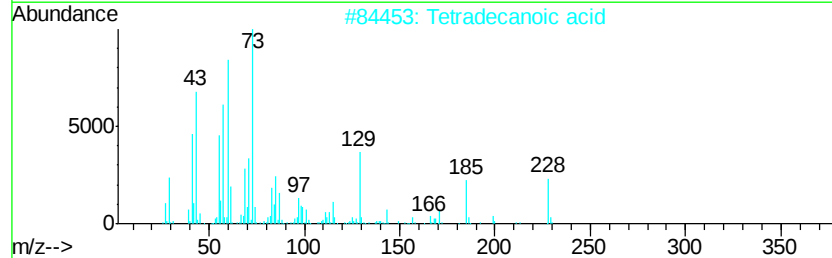
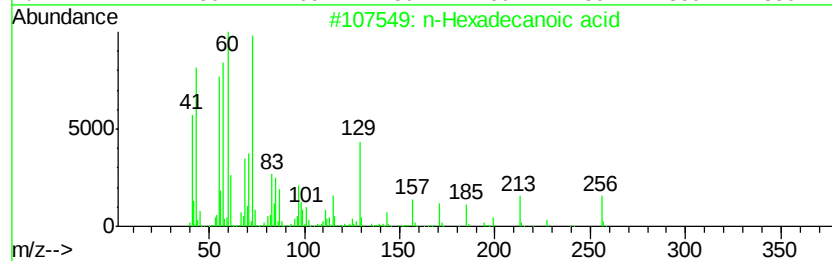
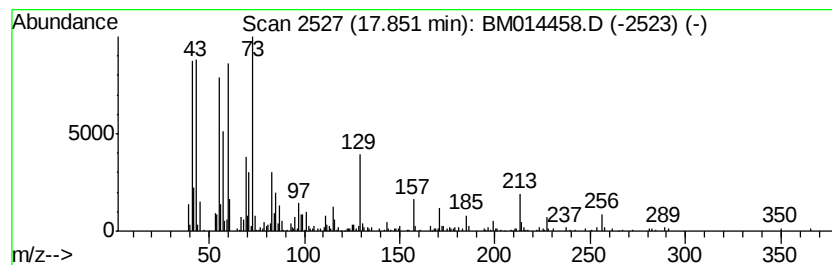
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	7.95 ng/ul	812828	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Undecanoic acid	186	C11H22O2	000112-37-8	70



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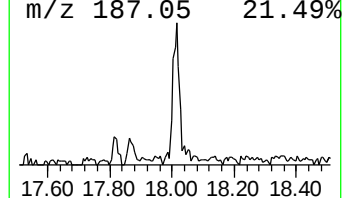
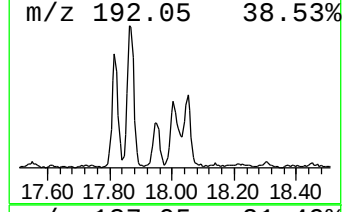
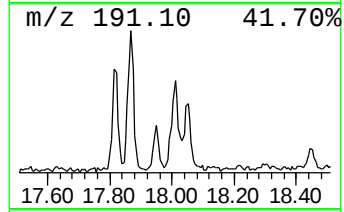
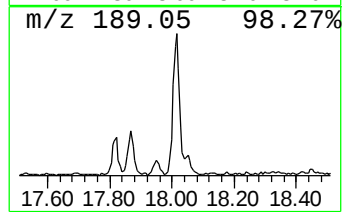
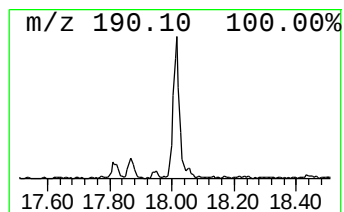
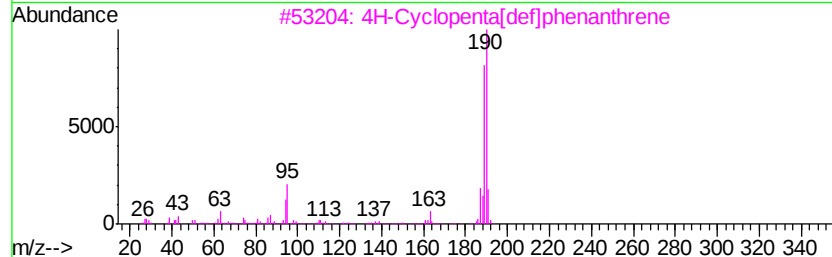
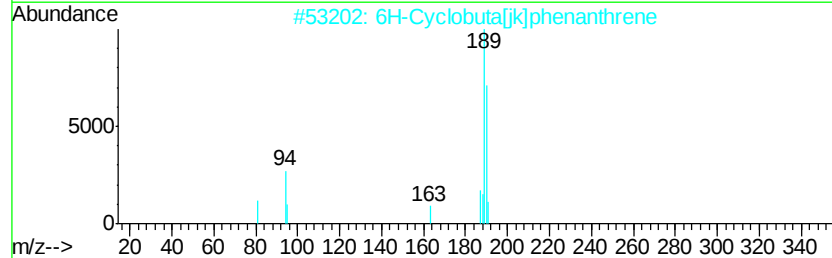
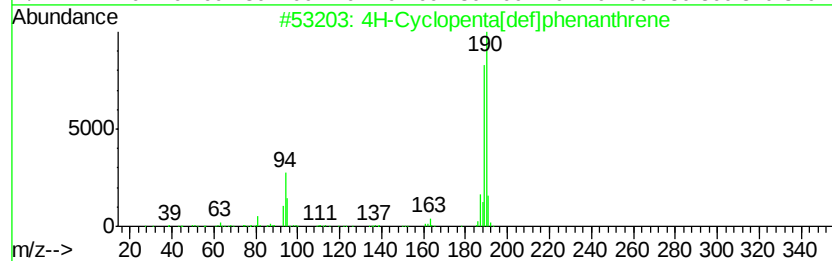
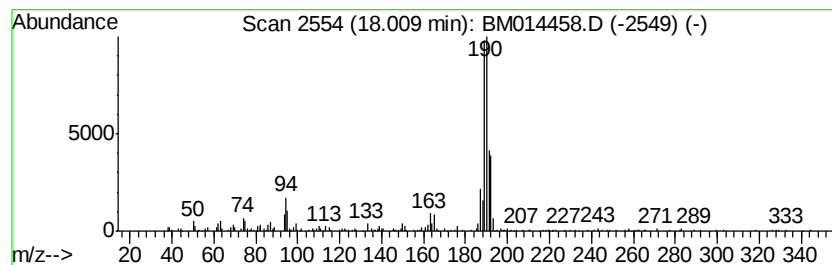
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.22 ng/ul	432019	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014458.D
Acq On : 02 Mar 2018 12:55
Operator : SJ/JU
Sample : J1678-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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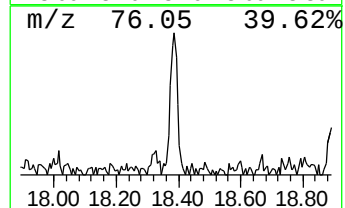
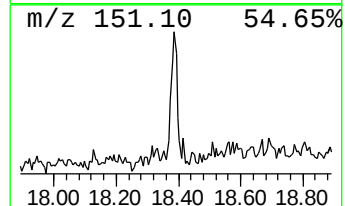
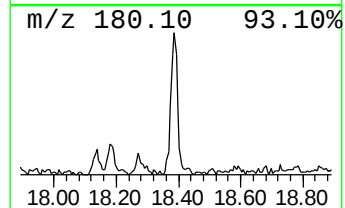
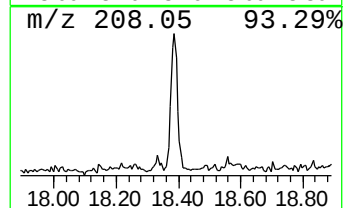
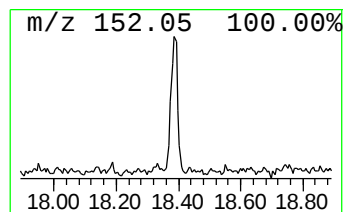
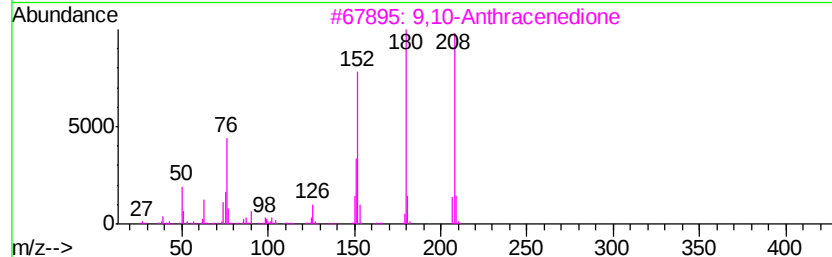
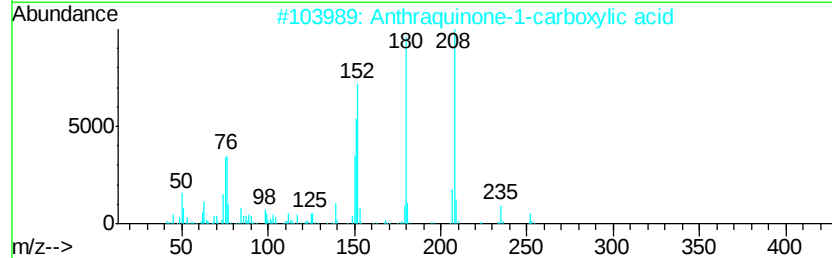
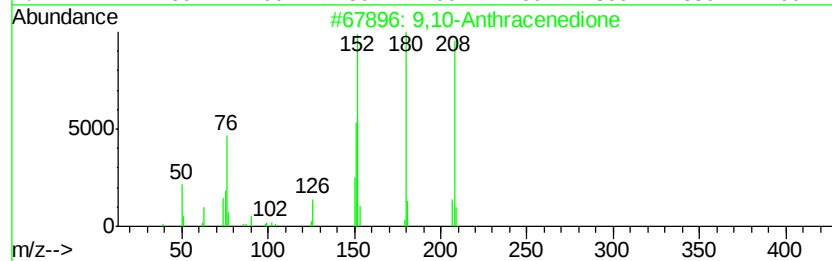
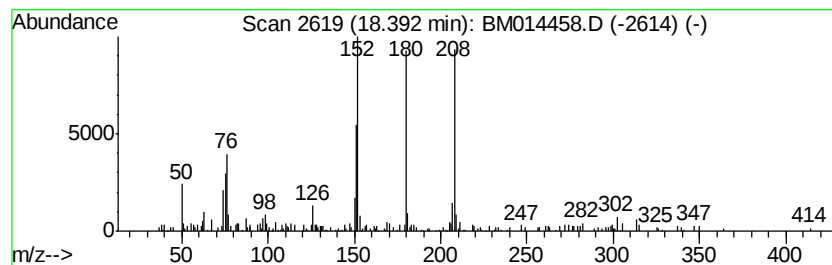
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.72 ng/ul	277817	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	95
2	Anthraquinone-1-carboxylic acid		252	C15H8O4	000602-69-7	90
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	87
4	9,10-Anthracenedione		208	C14H8O2	000084-65-1	76
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	60



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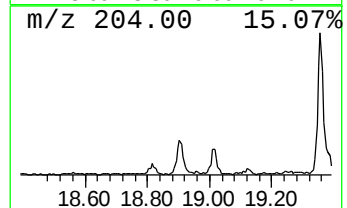
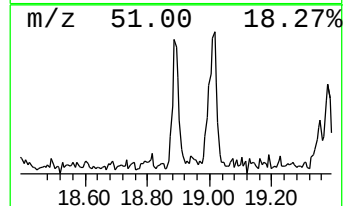
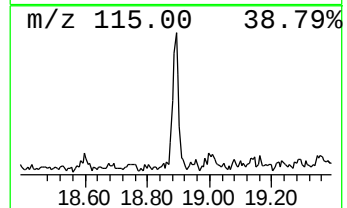
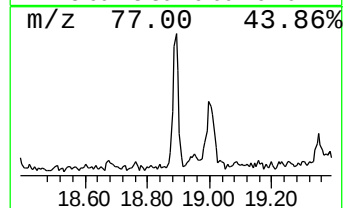
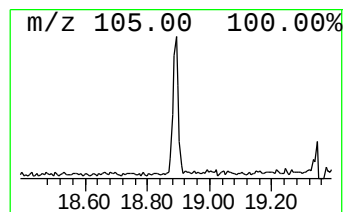
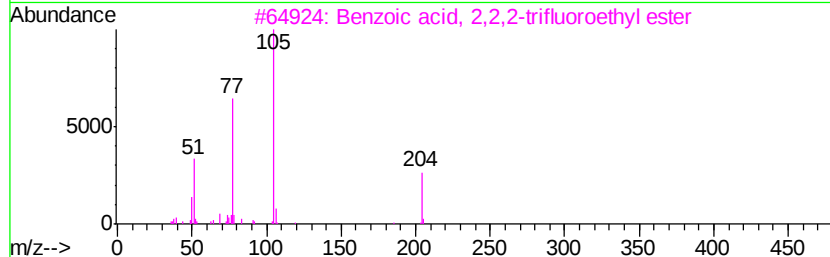
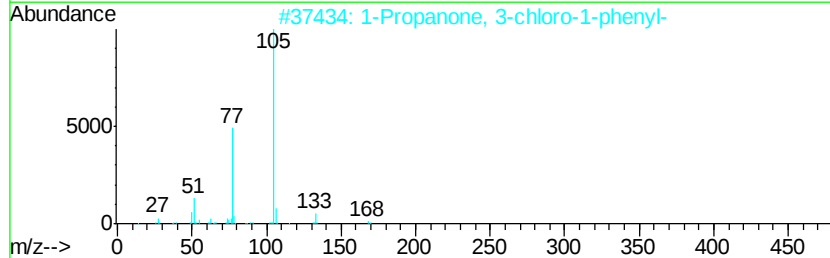
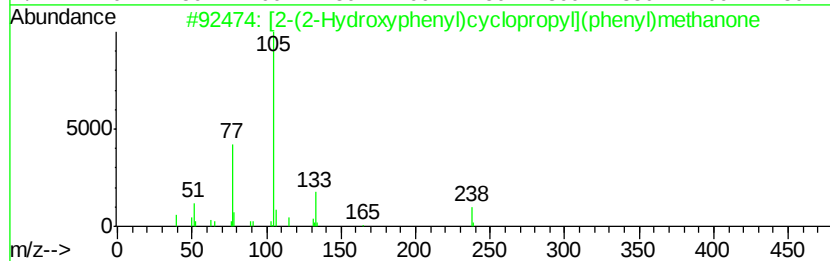
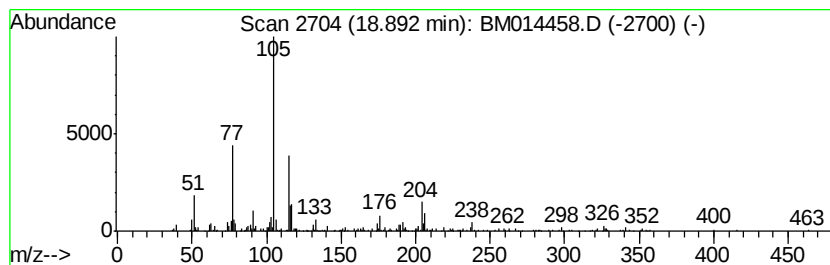
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.89	3.19 ng/ul	326245	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		[2-(2-Hydroxyphenyl)cyclopropyl]...	238	C16H14O2	1000145-30-8	38
2		1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	38
3		Benzoic acid, 2,2,2-trifluoroeth...	204	C9H7F3O2	1000376-54-4	38
4		Propanetrione, diphenyl-	238	C15H10O3	000643-75-4	38
5		1H-Benzimidazole, 2,3-dihydro-1,...	328	C21H16N2O2	1000262-54-9	30



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
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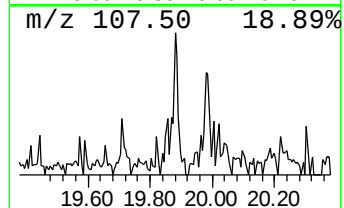
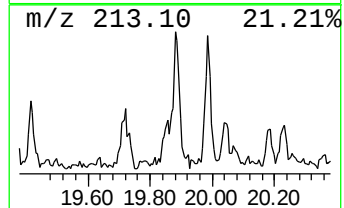
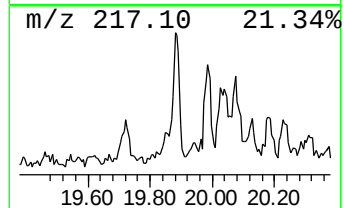
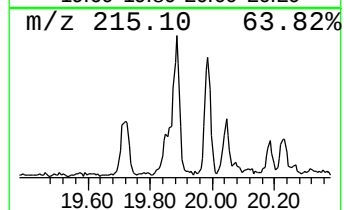
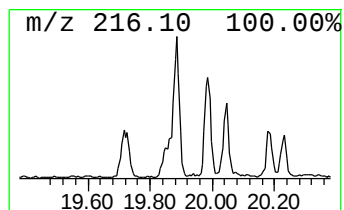
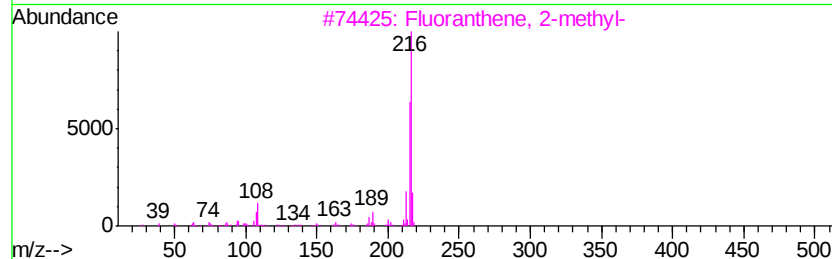
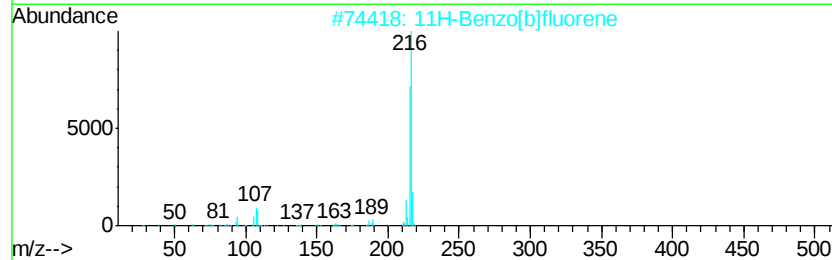
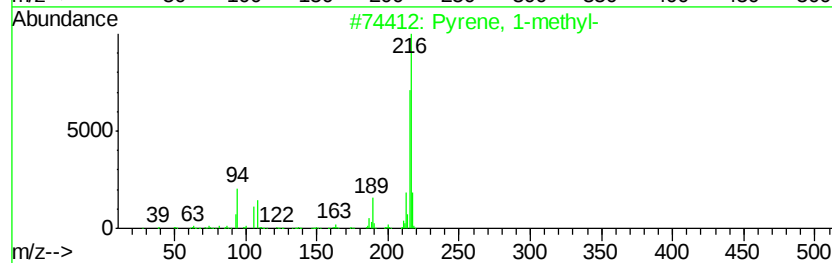
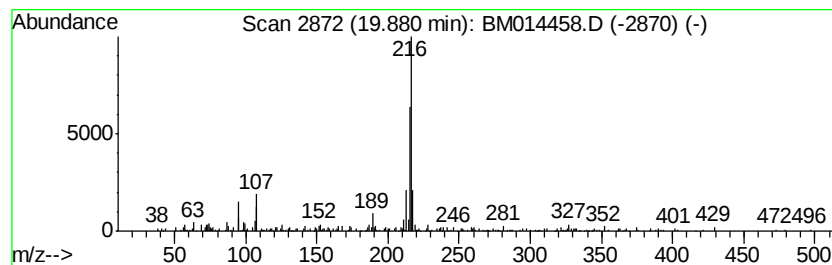
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.12 ng/ul	414614	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
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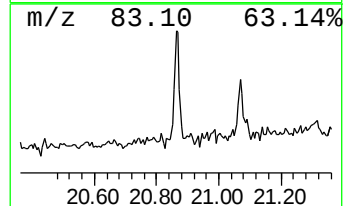
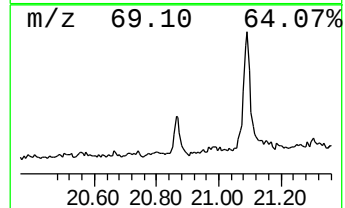
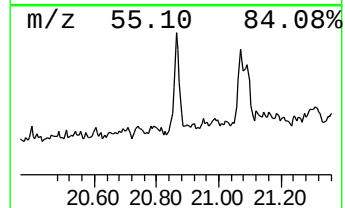
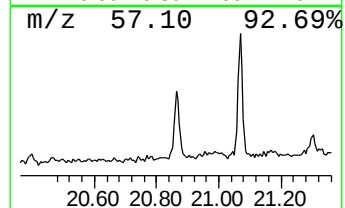
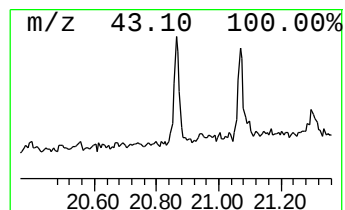
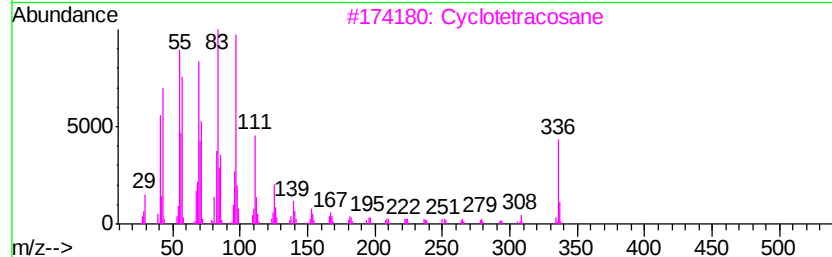
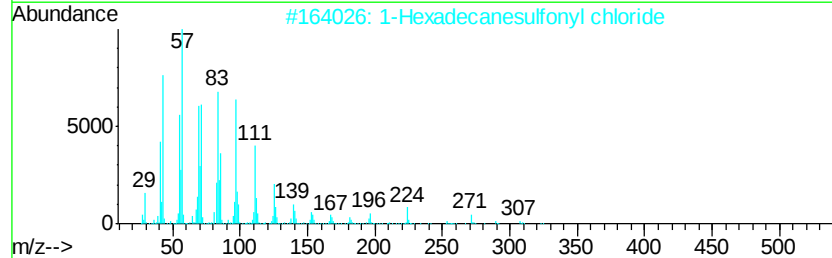
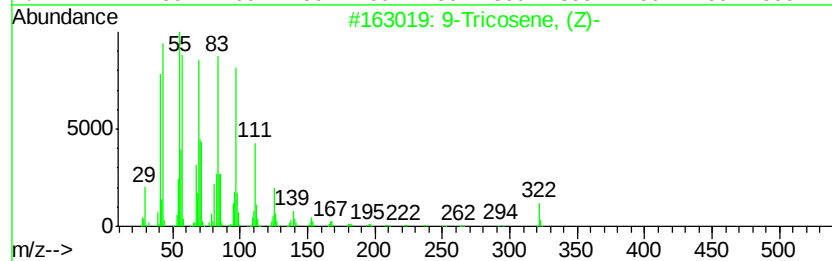
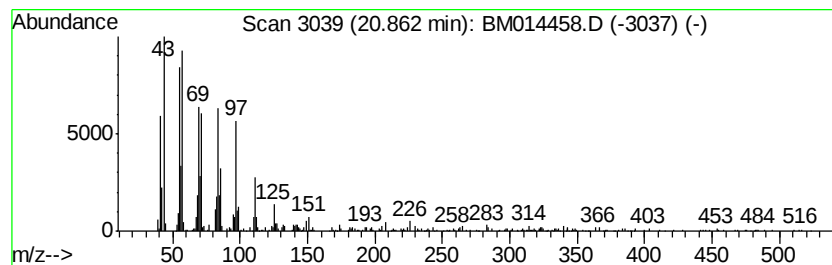
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic20.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.86 ng/ul	754516	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
3		Cyclotetracosane	336	C24H48	000297-03-0	90
4		11-Tricosene	322	C23H46	052078-56-5	90
5		1-Tricosene	322	C23H46	018835-32-0	89



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Data File : BM014458.D
Acq On : 02 Mar 2018 12:55
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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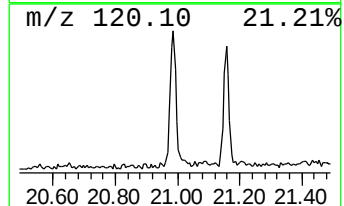
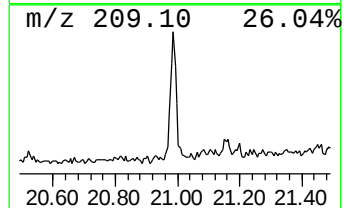
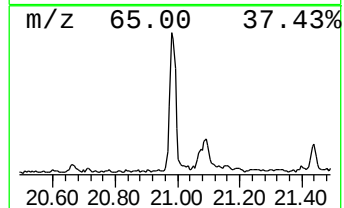
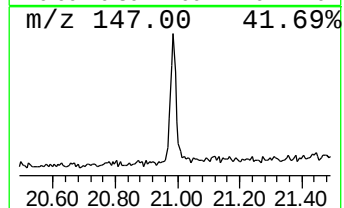
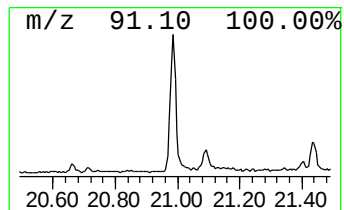
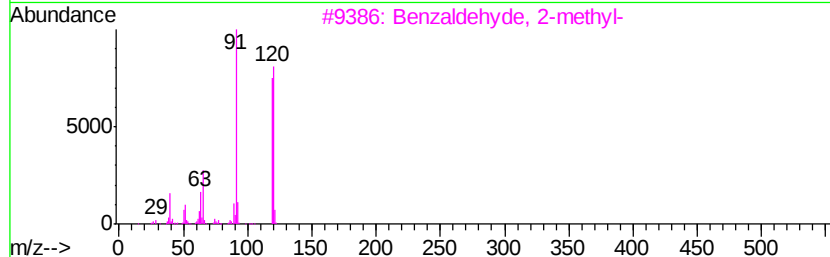
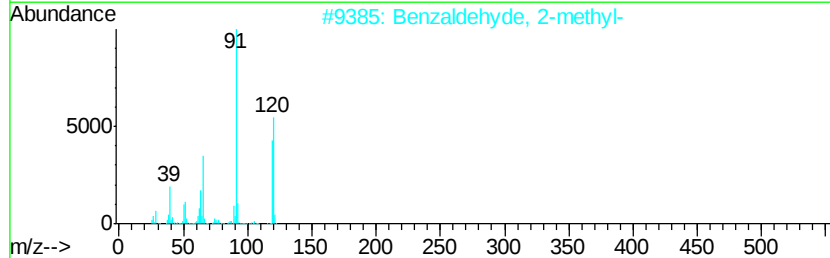
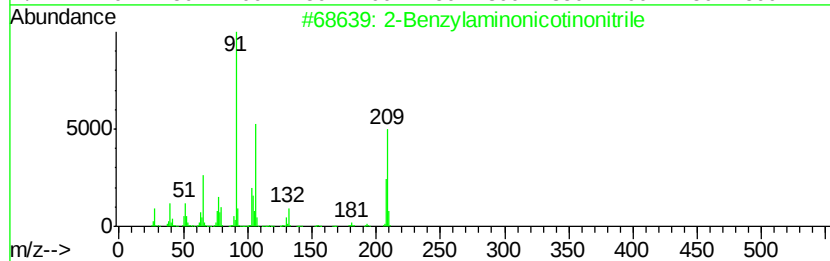
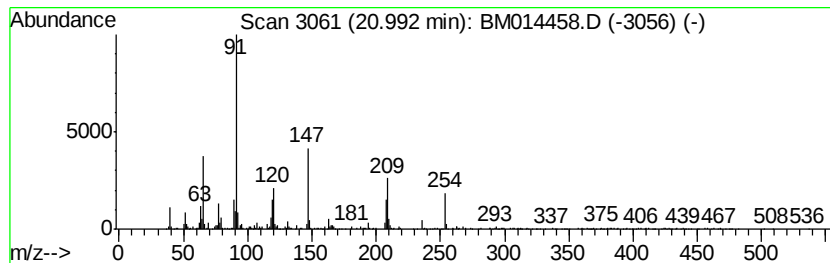
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.12 ng/ul	1000590	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzylaminonicotinonitrile	209	C13H11N3	050351-72-9	11
2		Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	10
3		Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	9
4		Acetic acid, 2-(5-nitro-2-benzim...	343	C16H13N3O4S	349445-14-3	9
5		3-Pyrrolidinecarboxylic acid, 2-...	339	C20H21N04	1000350-99-3	9



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Acq On : 02 Mar 2018 12:55
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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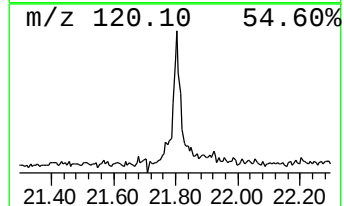
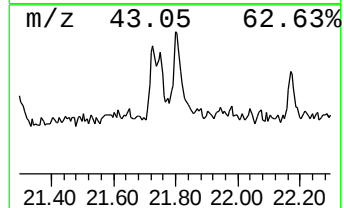
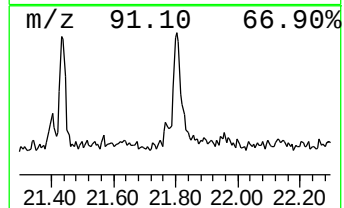
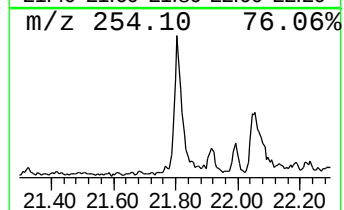
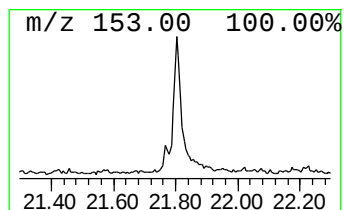
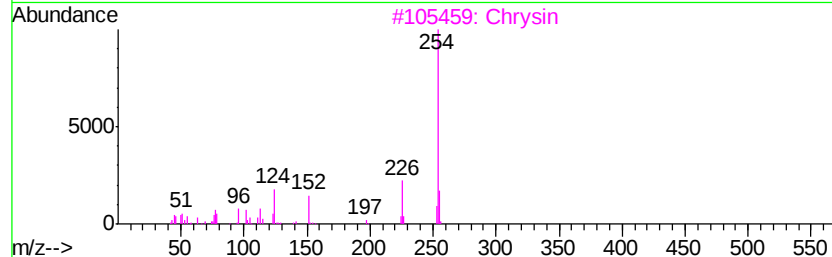
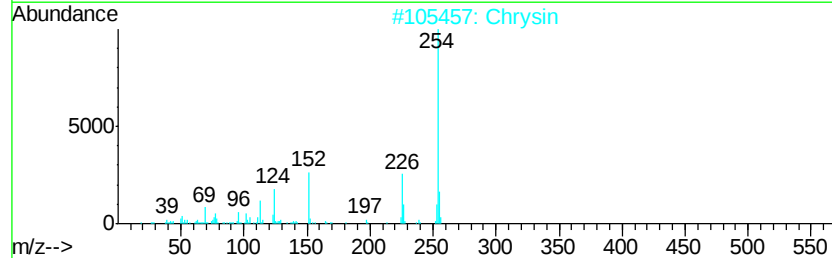
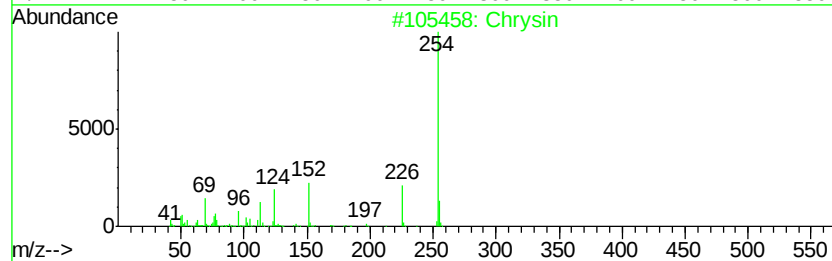
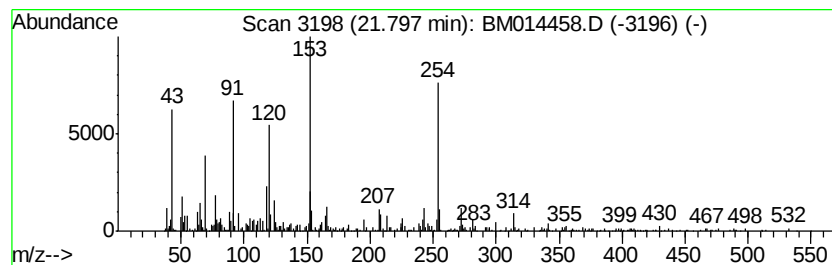
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	5.56 ng/ul	1087020	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin			254	C15H10O4	000480-40-0	42
2	Chrysin			254	C15H10O4	000480-40-0	42
3	Chrysin			254	C15H10O4	000480-40-0	38
4	3-Pyridinemethanol, 5-hydroxy-4,...			153	C8H11NO2	000061-67-6	27
5	Octahydroquinolin-10-ol			153	C9H15NO	1000130-58-0	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014458.D
Acq On : 02 Mar 2018 12:55
Operator : SJ/JU
Sample : J1678-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BE5T2RE

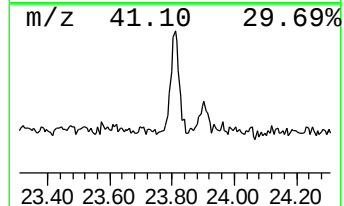
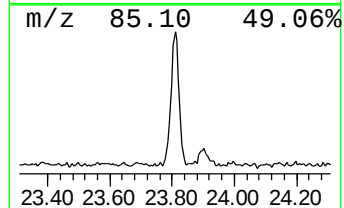
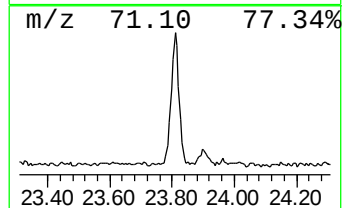
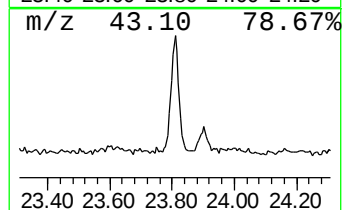
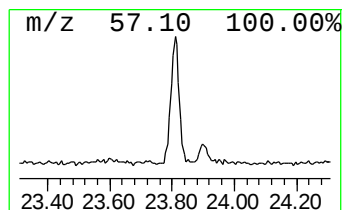
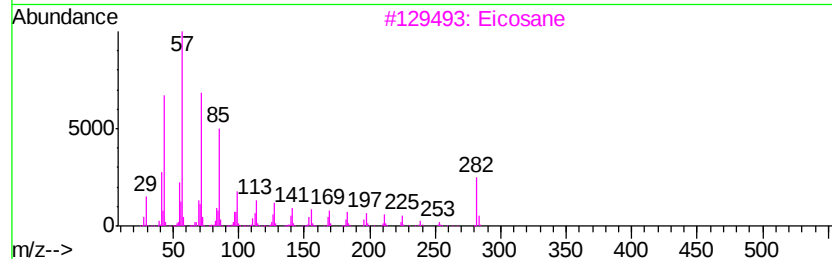
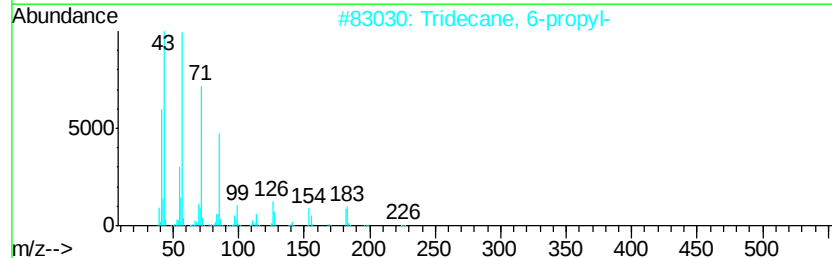
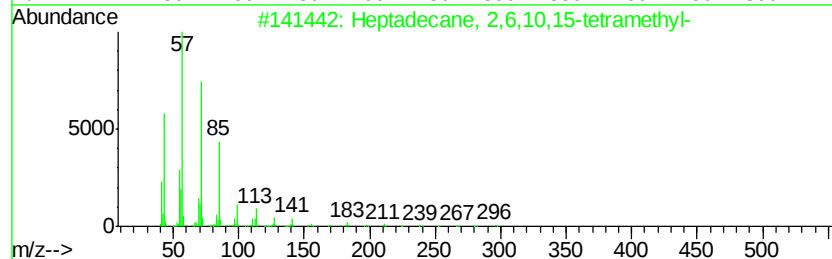
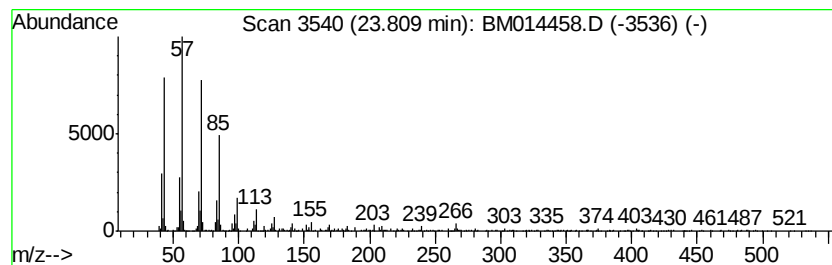
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	27.54 ng/ul	1485590	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3		Eicosane	282	C20H42	000112-95-8	87
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM030218\
Data File : BM014458.D
Acq On : 02 Mar 2018 12:55
Operator : SJ/JU
Sample : J1678-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T2RE

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	15.93	2.3	ng/ul	235477	4	16.94	2045790	20.0
(DEL) Alkane: Str...	16.69	3.3	ng/ul	341002	4	16.94	2045790	20.0
n-Hexadecanoic acid	17.85	8.0	ng/ul	812828	4	16.94	2045790	20.0
4H-Cyclopenta[def...	18.01	4.2	ng/ul	432019	4	16.94	2045790	20.0
9,10-Anthracenedione	18.39	2.7	ng/ul	277817	4	16.94	2045790	20.0
unknown-02	18.89	3.2	ng/ul	326245	4	16.94	2045790	20.0
Pyrene, 1-methyl-	19.88	2.1	ng/ul	414614	5	21.16	3911510	20.0
(DEL) Alkane: Cyc...	20.86	3.9	ng/ul	754516	5	21.16	3911510	20.0
unknown-03	20.99	5.1	ng/ul	1000590	5	21.16	3911510	20.0
unknown-04	21.80	5.6	ng/ul	1087020	5	21.16	3911510	20.0
(DEL) Alkane: Str...	23.81	27.5	ng/ul	1485590	6	23.34	1078900	20.0