

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
 Data File : BM009888.D
 Acq On : 04 May 2017 14:33
 Operator : SJ/MA
 Sample : I2871-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB27

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-BM042517.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	6.987	657	663	672	rBV	223694	399043	16.95%	1.952%
2	7.134	680	688	697	rBV	158665	260691	11.07%	1.275%
3	7.340	717	723	729	rBV	216061	354817	15.07%	1.735%
4	7.798	795	801	809	rBV	647595	1022306	43.41%	5.000%
5	8.522	916	924	934	rBV	257392	437416	18.57%	2.139%
6	8.969	994	1000	1009	rBV	215796	386296	16.40%	1.889%
7	9.692	1115	1123	1132	rBV2	179963	317106	13.47%	1.551%
8	10.234	1208	1215	1224	rBV	246234	451536	19.17%	2.208%
9	10.598	1269	1277	1288	rBV	845939	1429646	60.71%	6.992%
10	10.751	1297	1303	1314	rBV2	113163	213331	9.06%	1.043%
11	13.298	1730	1736	1743	rBV2	42567	72164	3.06%	0.353%
12	13.857	1825	1831	1836	rBV	430861	636897	27.05%	3.115%
13	13.904	1836	1839	1848	rVB	147346	211457	8.98%	1.034%
14	14.145	1874	1880	1889	rVB2	485910	755073	32.06%	3.693%
15	14.316	1906	1909	1917	rBV2	46735	71868	3.05%	0.352%
16	14.451	1925	1932	1940	rBV2	1199568	1877043	79.71%	9.180%
17	14.710	1971	1976	1985	rBV	162150	318854	13.54%	1.559%
18	14.933	2009	2014	2020	rVB9	46223	92541	3.93%	0.453%
19	15.221	2057	2063	2069	rBV10	46609	118088	5.01%	0.578%
20	15.274	2069	2072	2077	rVB	111479	136768	5.81%	0.669%
21	15.451	2096	2102	2106	rBV	616893	904163	38.39%	4.422%
22	15.598	2124	2127	2133	rBV2	101576	150518	6.39%	0.736%
23	15.674	2133	2140	2145	rVV2	143431	261510	11.10%	1.279%
24	16.157	2214	2222	2228	rBV	508362	937635	39.82%	4.586%
25	16.521	2280	2284	2285	rBV4	43407	56751	2.41%	0.278%
26	16.927	2349	2353	2357	rBV	171550	226822	9.63%	1.109%
27	16.980	2357	2362	2366	rVV	217361	345015	14.65%	1.687%
28	17.210	2395	2401	2406	rBV	1652256	2354926	100.00%	11.518%
29	17.262	2406	2410	2413	rVV3	338318	547388	23.24%	2.677%
30	17.304	2413	2417	2424	rVB	759343	1071634	45.51%	5.241%
31	17.668	2475	2479	2484	rBV	196021	258738	10.99%	1.265%
32	18.362	2593	2597	2601	rBV	160045	230838	9.80%	1.129%
33	18.998	2701	2705	2708	rBV2	278482	372793	15.83%	1.823%
34	19.604	2805	2808	2812	rVB	769271	900536	38.24%	4.404%

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	21.392	3109	3112	3118	rVB	1937825	2263793	96.13%	11.072%
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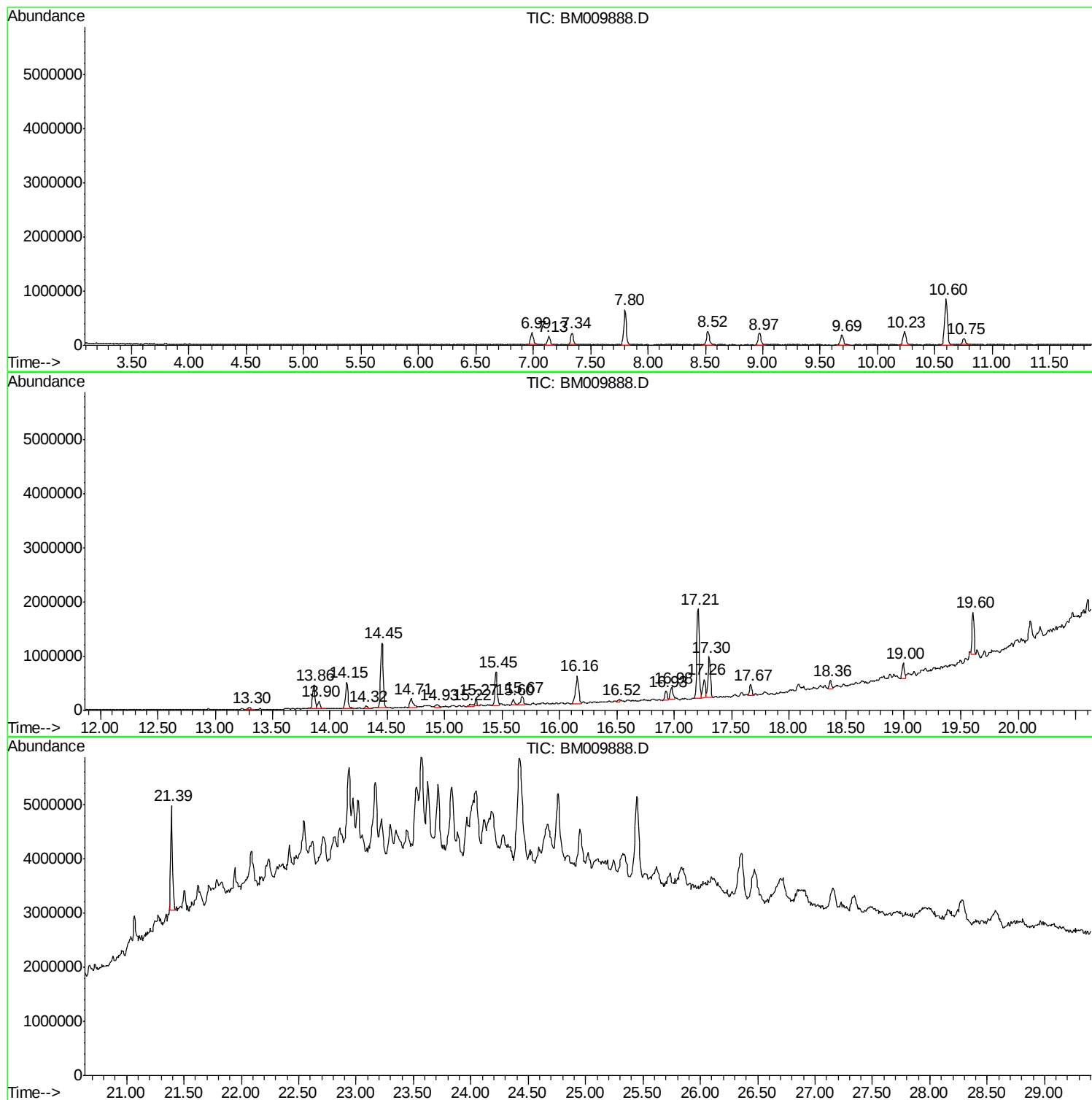
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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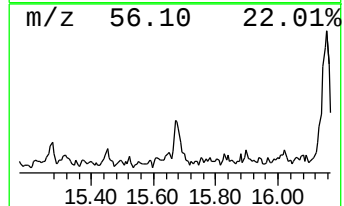
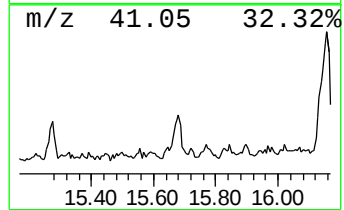
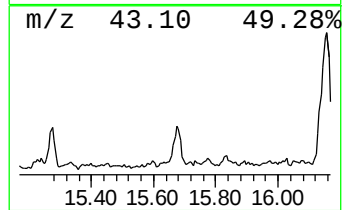
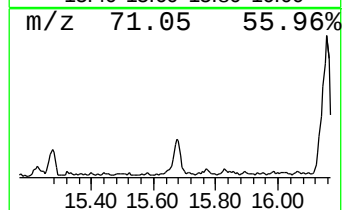
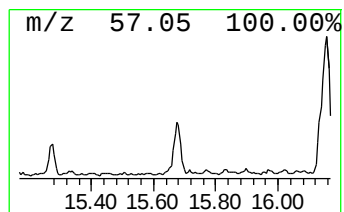
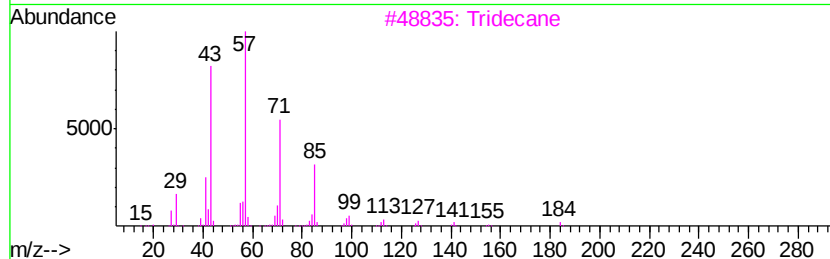
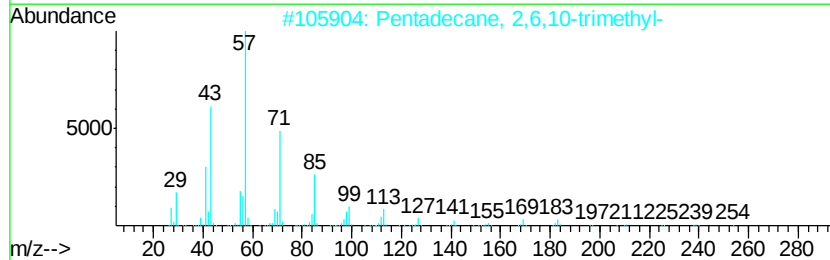
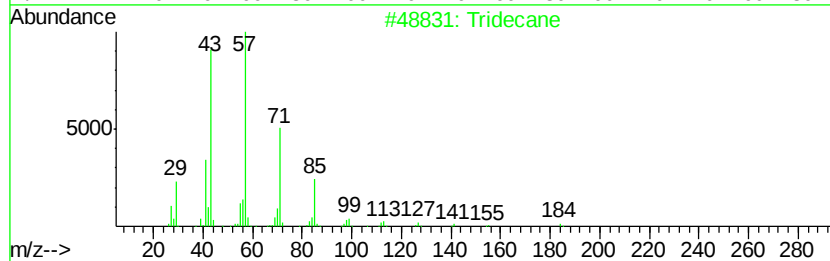
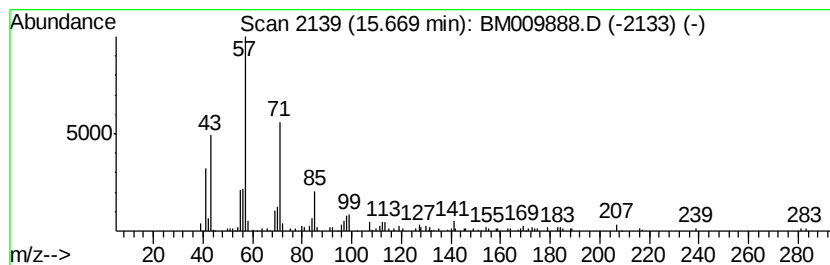
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.79 ng/ul	261510	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	80
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3			Tridecane	184	C13H28	000629-50-5	68
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



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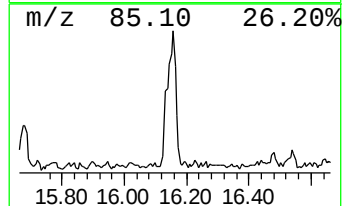
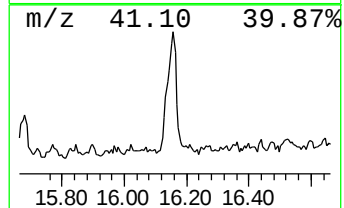
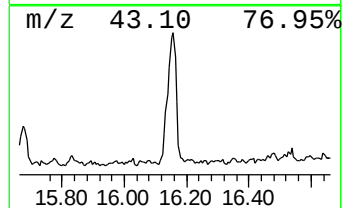
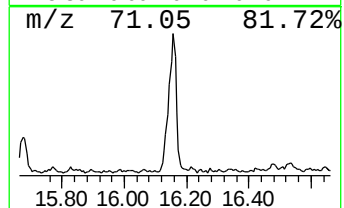
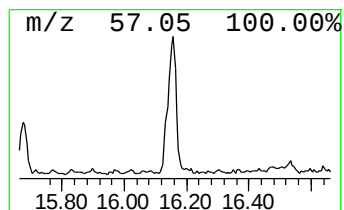
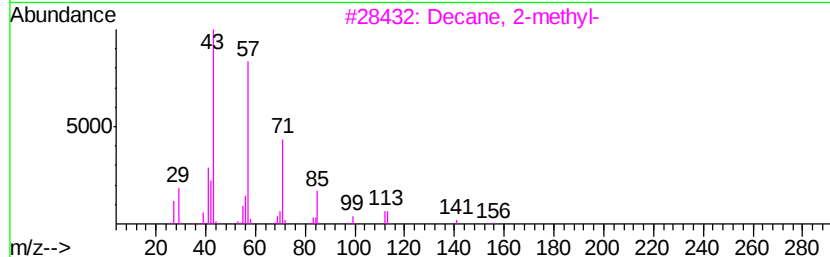
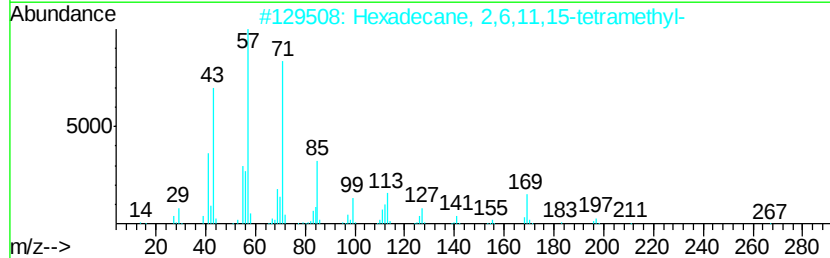
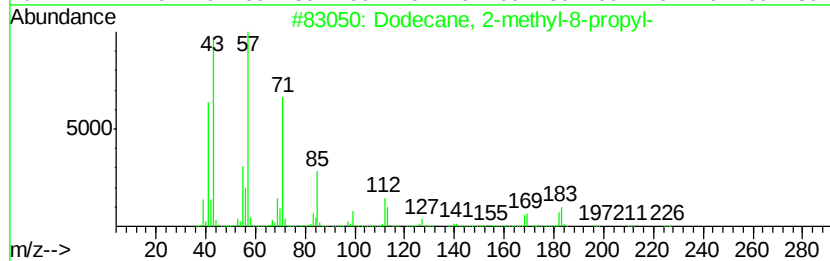
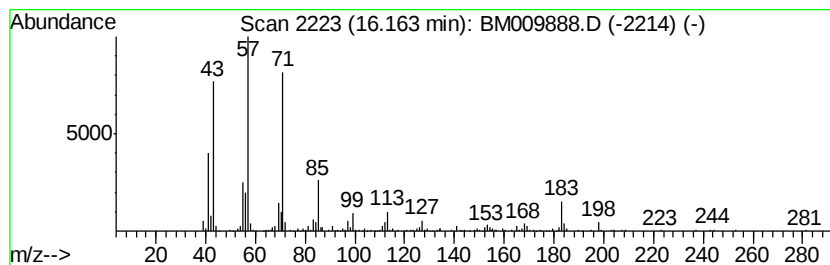
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	7.96 ng/ul	937635	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3		Decane, 2-methyl-	156	C11H24	006975-98-0	87
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



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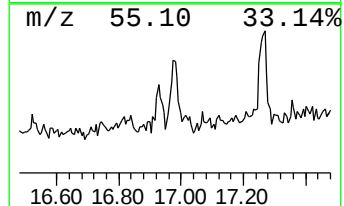
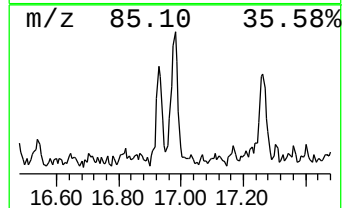
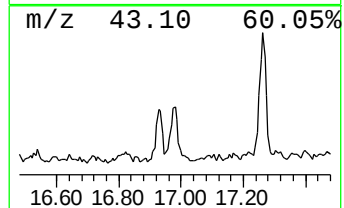
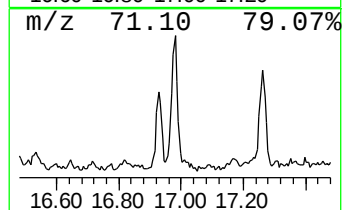
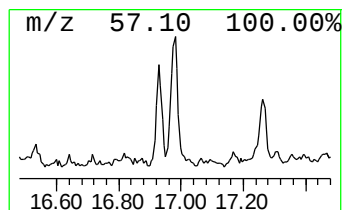
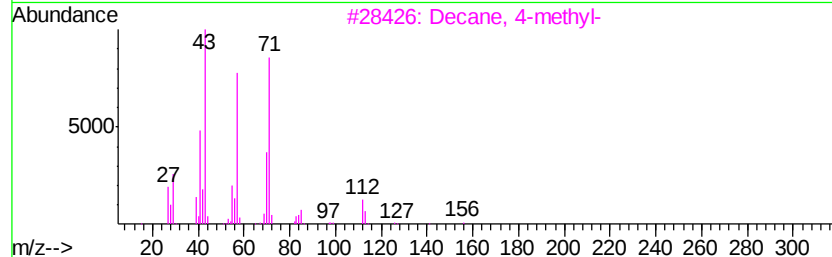
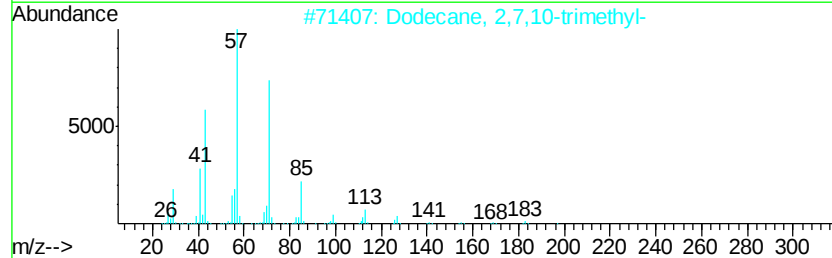
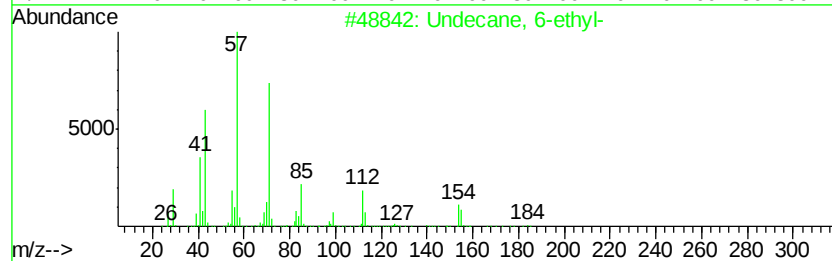
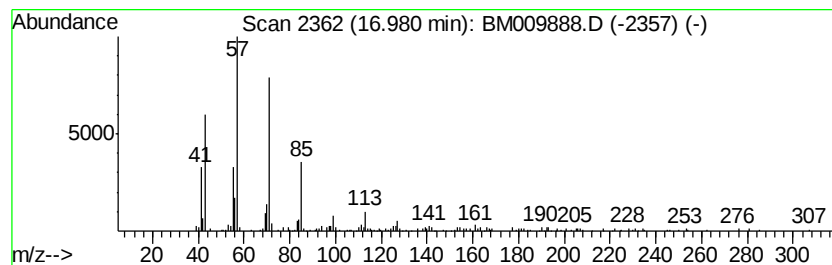
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.98	2.93 ng/ul	345015	Phenanthrene-d10		17.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-		184	C13H28	017312-60-6	90
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	78
3	Decane, 4-methyl-		156	C11H24	002847-72-5	72
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	72
5	Undecane, 2,8-dimethyl-		184	C13H28	017301-25-6	72



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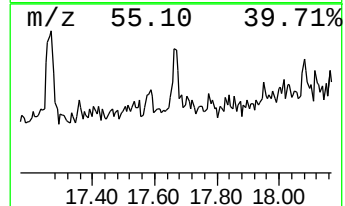
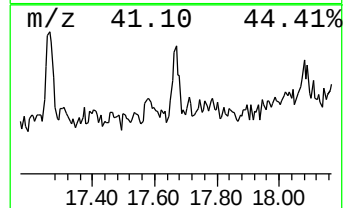
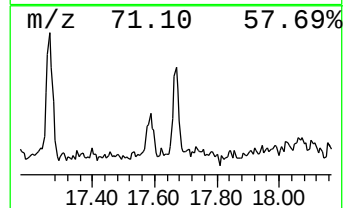
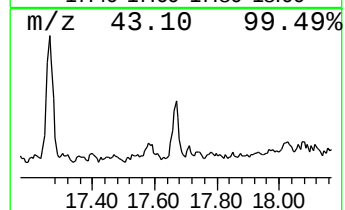
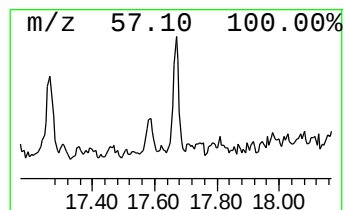
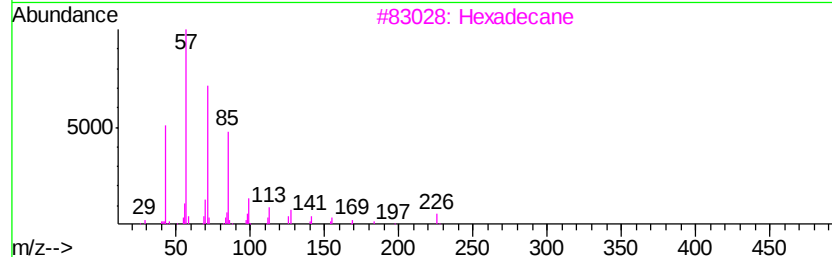
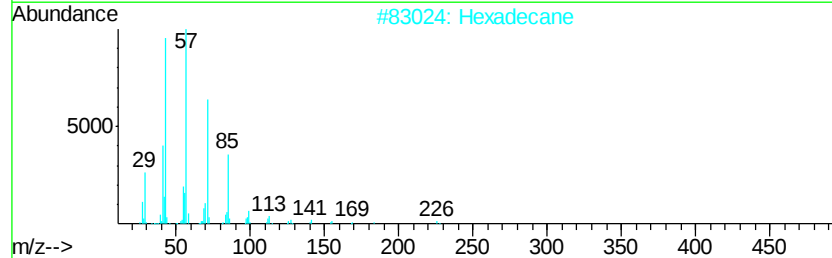
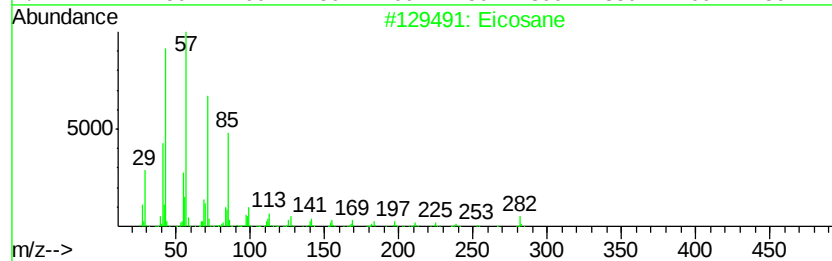
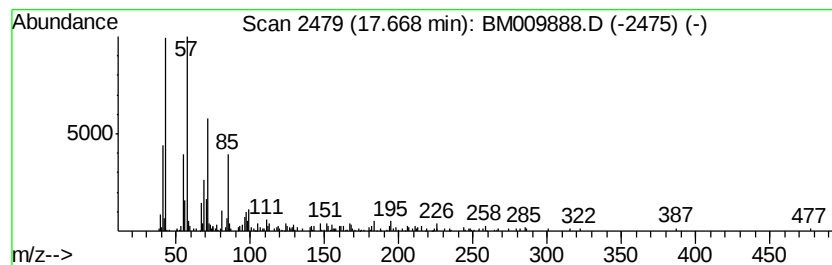
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.20 ng/ul	258738	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86



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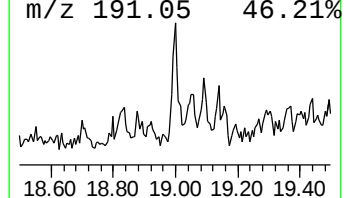
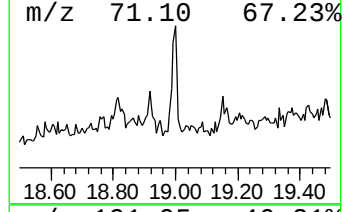
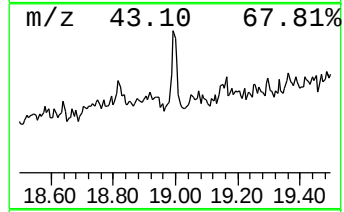
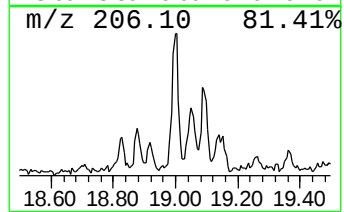
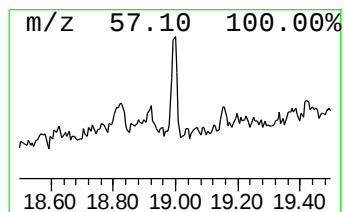
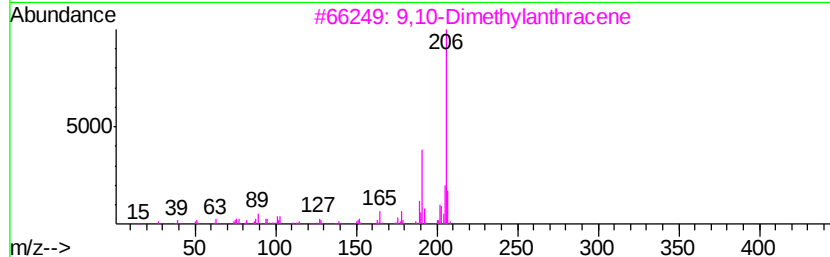
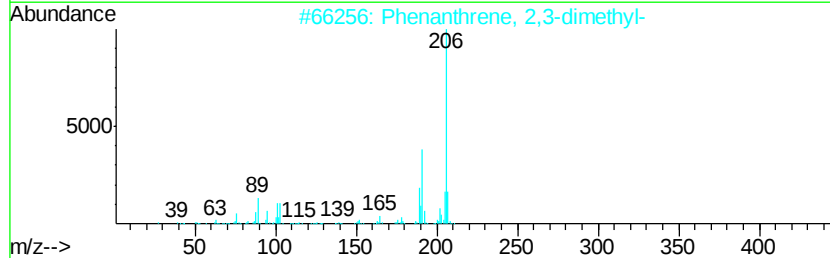
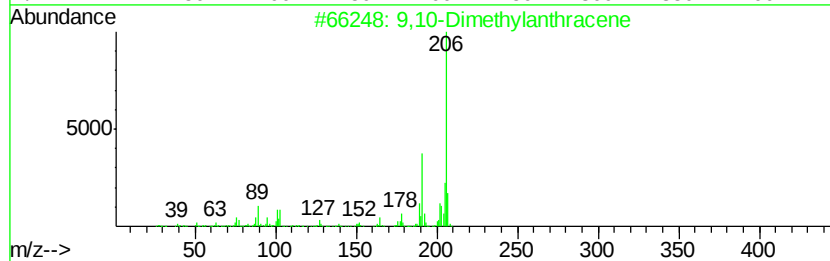
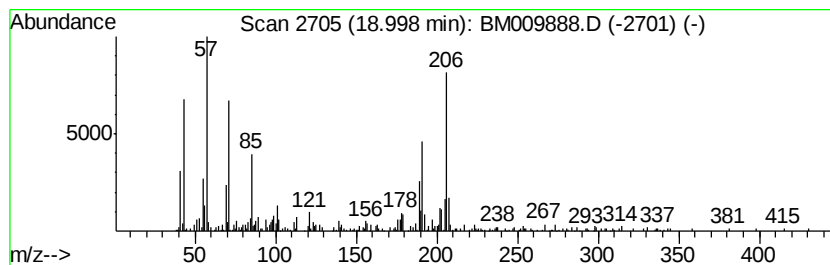
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	3.17 ng/ul	372793	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	60
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	60
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	55



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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
(DEL) Alkane: Str...	15.67	2.8	ng/ul	261510	3	14.45	1877040	20.0
(DEL) Alkane: Str...	16.16	8.0	ng/ul	937635	4	17.21	2354930	20.0
(DEL) Alkane: Str...	16.98	2.9	ng/ul	345015	4	17.21	2354930	20.0
(DEL) Alkane: Str...	17.67	2.2	ng/ul	258738	4	17.21	2354930	20.0
9,10-Dimethylanthe...	19.00	3.2	ng/ul	372793	4	17.21	2354930	20.0