

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
 Data File : BM009892.D
 Acq On : 04 May 2017 16:57
 Operator : SJ/MA
 Sample : I2871-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB15

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	3.187	13	17	28	rVB2	68525	114423	3.75%	0.296%
2	7.004	659	666	676	rVB	704419	1185418	38.86%	3.069%
3	7.139	681	689	698	rVB	474497	729024	23.90%	1.887%
4	7.345	716	724	733	rBV	666705	1076986	35.30%	2.788%
5	7.804	796	802	810	rBV	647284	999459	32.76%	2.587%
6	8.533	918	926	936	rBV	774656	1290331	42.30%	3.340%
7	8.975	994	1001	1010	rBV	656743	1091707	35.78%	2.826%
8	9.698	1115	1124	1132	rBV	542596	950485	31.16%	2.460%
9	10.245	1209	1217	1226	rBV	811868	1391080	45.60%	3.601%
10	10.604	1270	1278	1285	rBV	823060	1398549	45.84%	3.620%
11	10.757	1295	1304	1314	rBV	247176	497739	16.32%	1.288%
12	13.298	1732	1736	1741	rBV2	58749	100041	3.28%	0.259%
13	13.868	1827	1833	1837	rBV	1390286	1860603	60.99%	4.816%
14	13.915	1837	1841	1848	rVB	383965	556042	18.23%	1.439%
15	14.157	1875	1882	1890	rBV	1546913	2294706	75.22%	5.940%
16	14.321	1906	1910	1917	rVB	134258	162696	5.33%	0.421%
17	14.462	1927	1934	1941	rVB2	1225896	1895631	62.14%	4.907%
18	14.727	1973	1979	1987	rBV	570521	1047157	34.32%	2.711%
19	14.939	2010	2015	2021	rVB7	59124	105013	3.44%	0.272%
20	15.233	2060	2065	2068	rBV4	63864	126807	4.16%	0.328%
21	15.280	2068	2073	2077	rVB	334783	426154	13.97%	1.103%
22	15.457	2097	2103	2109	rBV	2023045	2743848	89.94%	7.103%
23	15.615	2126	2130	2134	rBV2	136011	188448	6.18%	0.488%
24	15.680	2136	2141	2153	rVB	248382	451633	14.80%	1.169%
25	16.157	2215	2222	2229	rBV2	709606	1647570	54.01%	4.265%
26	16.486	2274	2278	2281	rBV6	57163	94175	3.09%	0.244%
27	16.933	2350	2354	2358	rBV	417235	525731	17.23%	1.361%
28	16.980	2358	2362	2368	rVB	275480	414564	13.59%	1.073%
29	17.215	2397	2402	2407	rBV2	1615872	2279729	74.73%	5.901%
30	17.262	2407	2410	2414	rVV2	428816	663855	21.76%	1.718%
31	17.315	2414	2419	2425	rVB	2272373	3050748	100.00%	7.897%
32	17.674	2476	2480	2485	rVB	400417	502898	16.48%	1.302%
33	18.092	2548	2551	2555	rBV5	163593	216259	7.09%	0.560%
34	18.368	2594	2598	2604	rBV	302630	409371	13.42%	1.060%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.003	2702	2706	2713	rBV2	394411	646965	21.21%	1.675%
36	19.274	2749	2752	2759	rBV	330301	528308	17.32%	1.368%
37	19.615	2806	2810	2813	rBV	2333198	2918199	95.66%	7.554%
38	21.403	3111	3114	3118	rVB	1682348	2048531	67.15%	5.303%

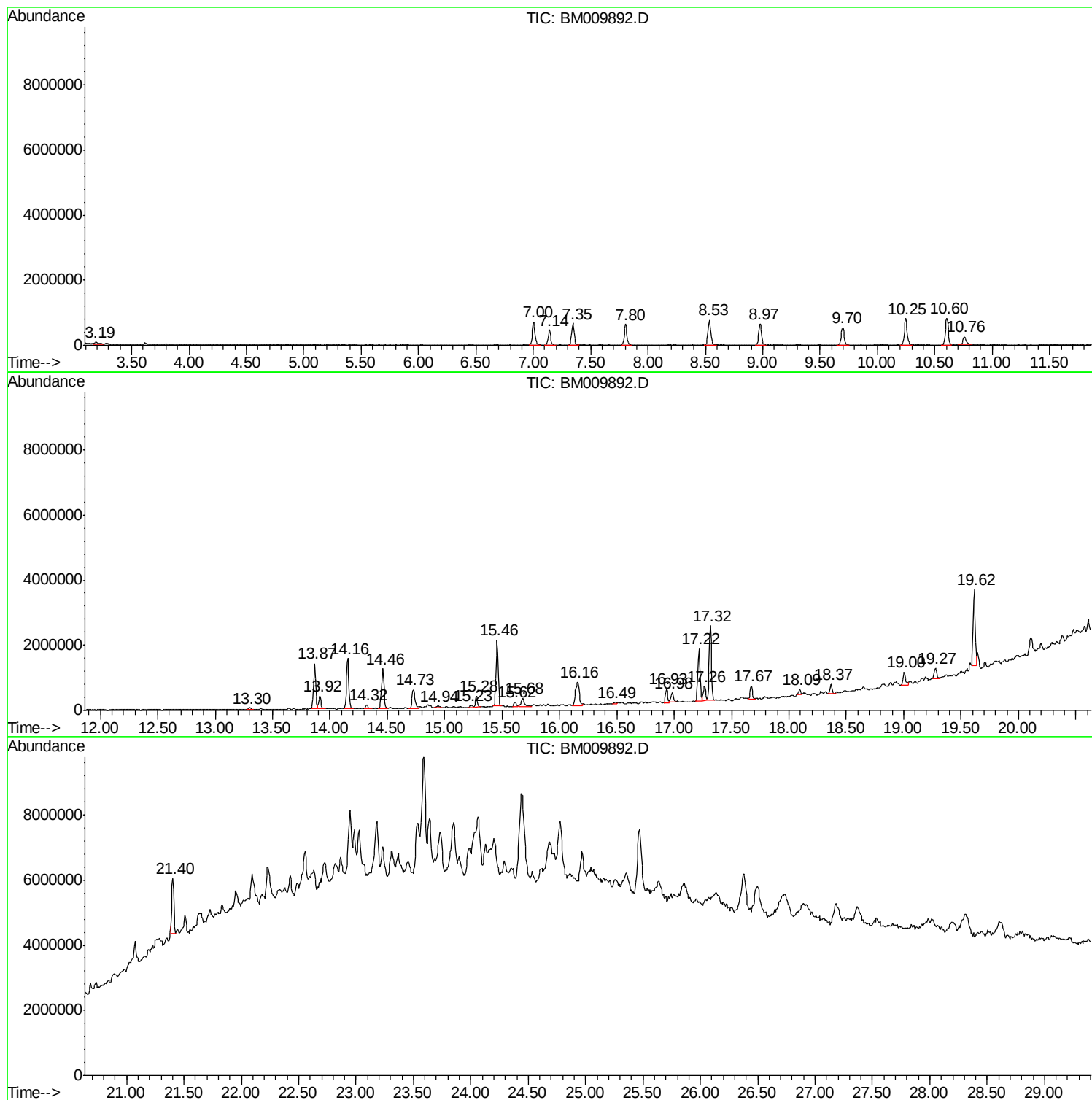
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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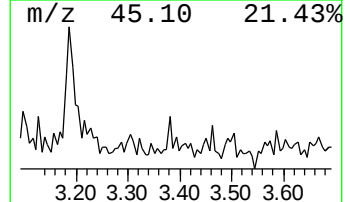
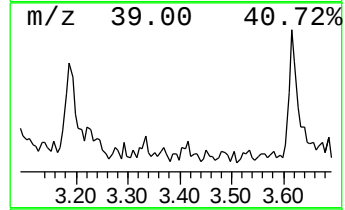
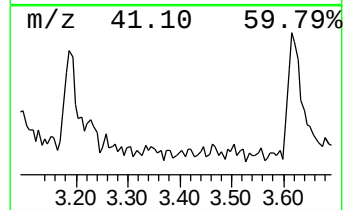
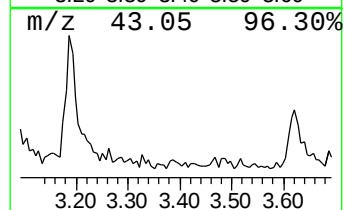
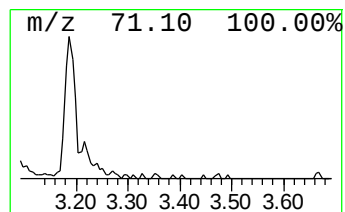
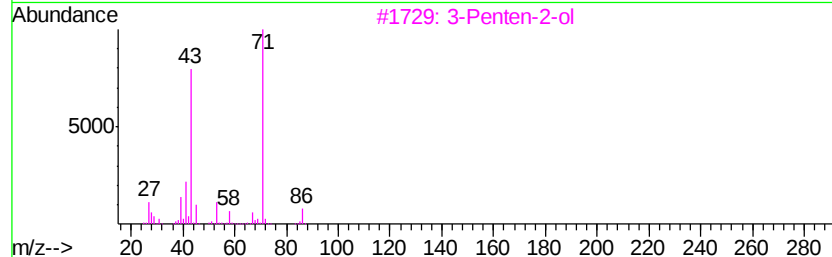
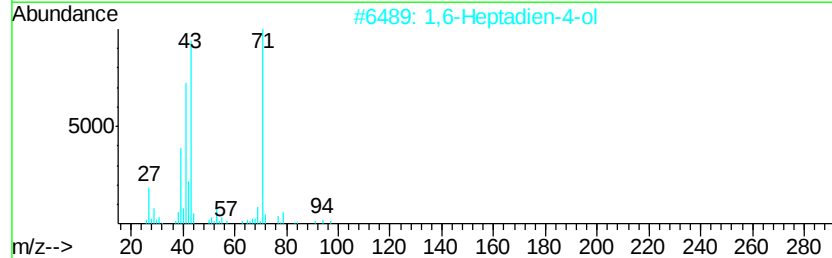
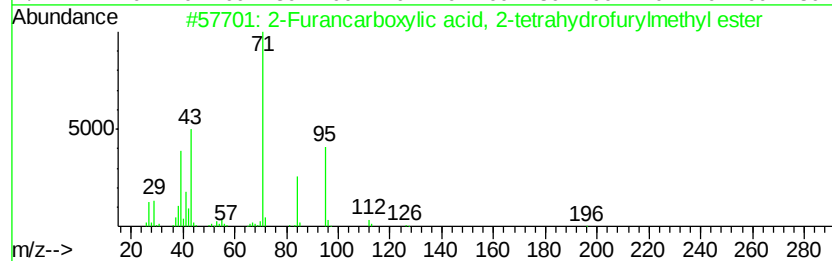
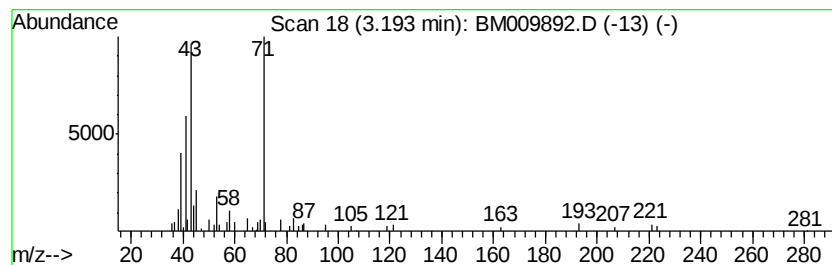
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.29 ng/ul	114423	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Furancarboxylic acid, 2-tetrahydrofurylmethyl ester	196	C10H12O4	004623-04-5	40
2		1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	40
3		3-Penten-2-ol	86	C5H10O	001569-50-2	38
4		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
5		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	37



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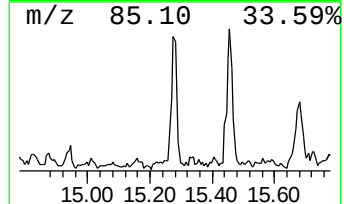
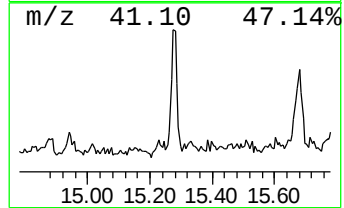
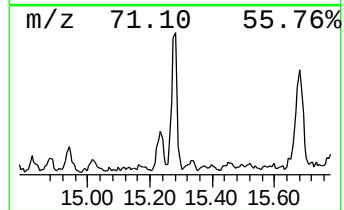
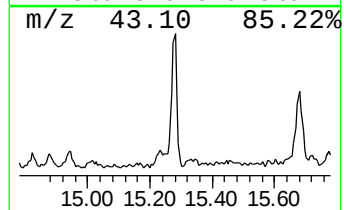
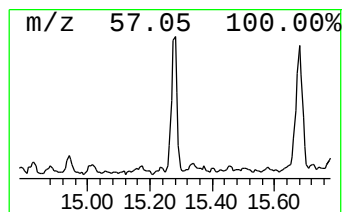
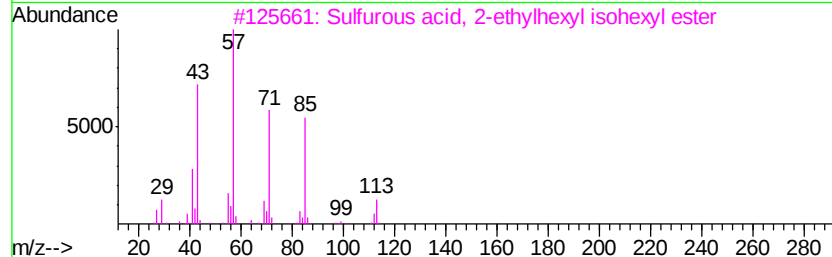
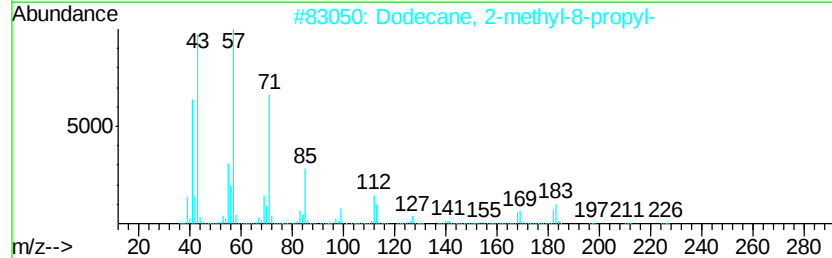
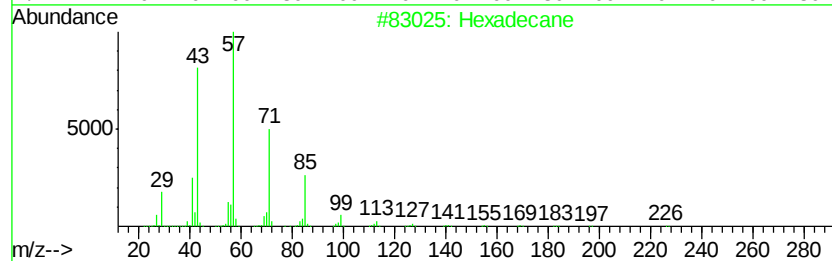
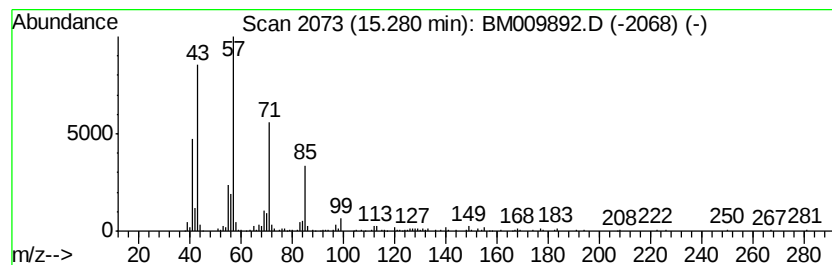
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	4.50 ng/ul	426154	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	91
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	90
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
5			Tetradecane	198	C14H30	000629-59-4	83



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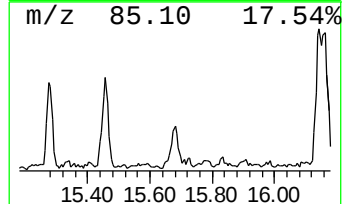
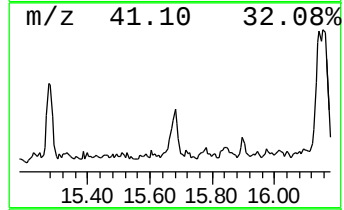
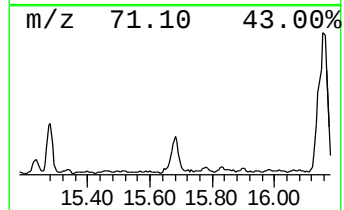
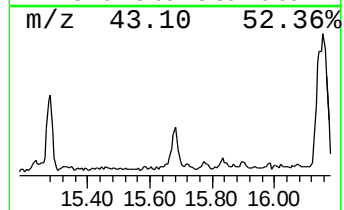
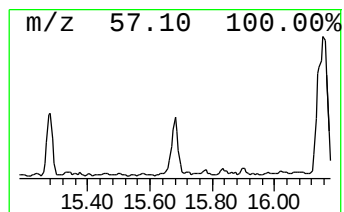
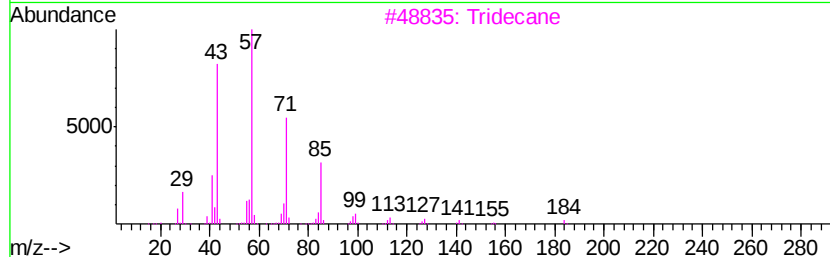
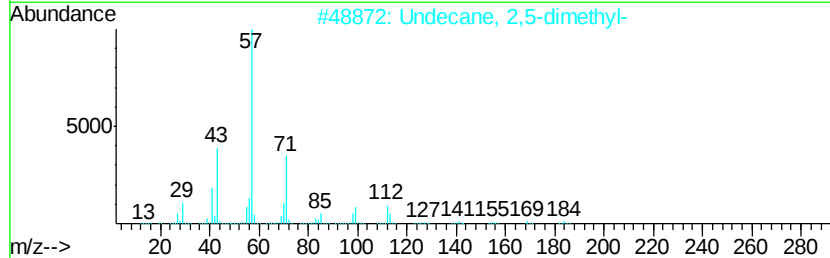
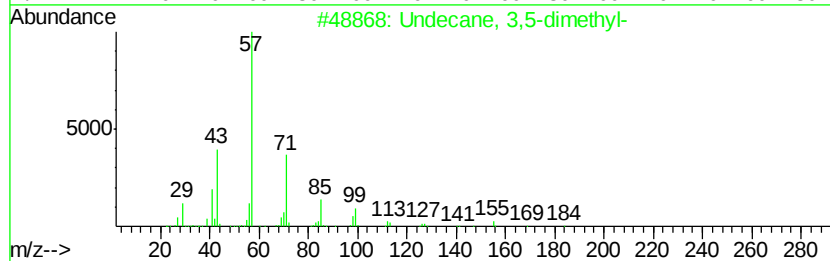
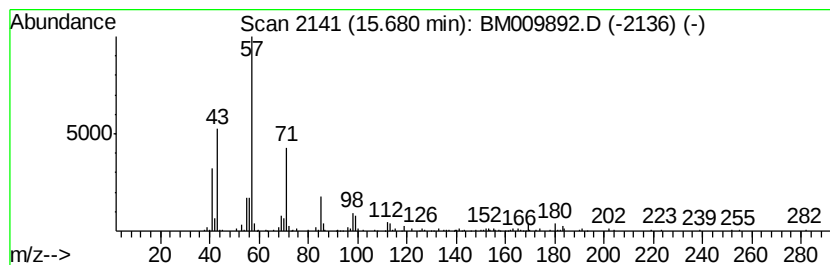
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.76 ng/ul	451633	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3			Tridecane	184	C13H28	000629-50-5	58
4			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	53



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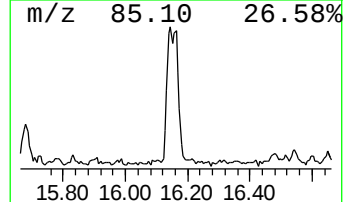
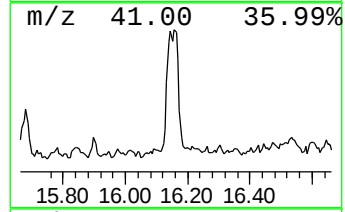
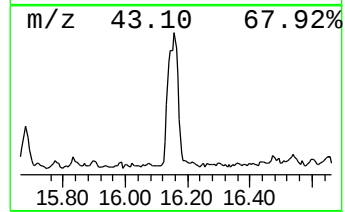
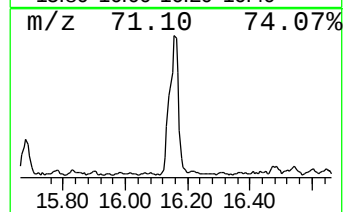
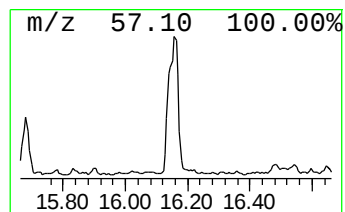
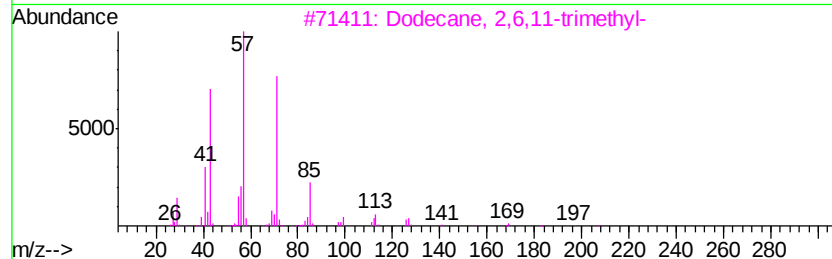
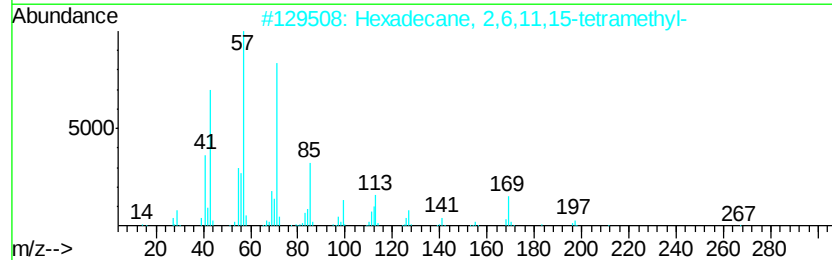
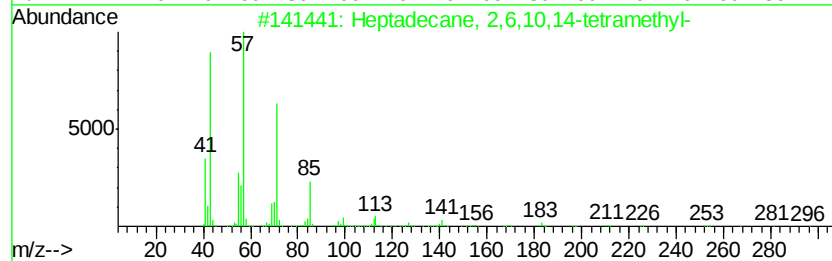
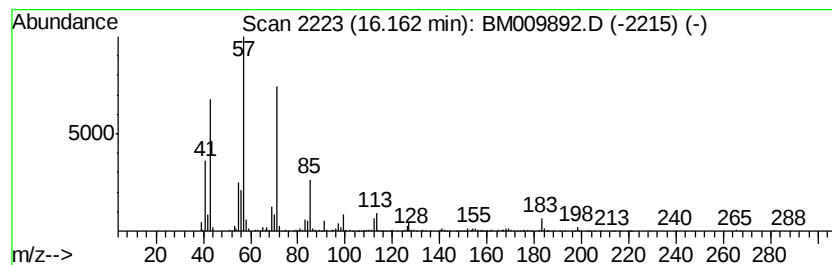
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	14.45 ng/ul	1647570	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	81



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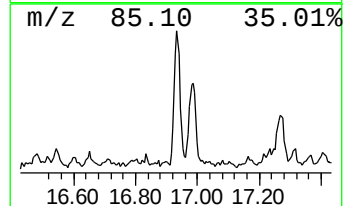
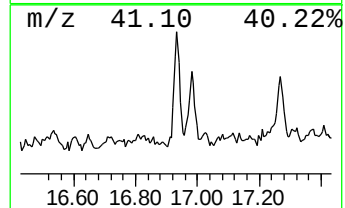
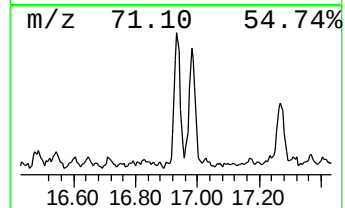
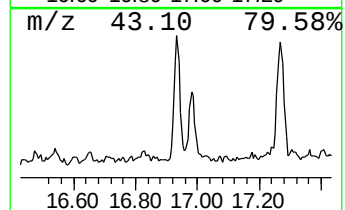
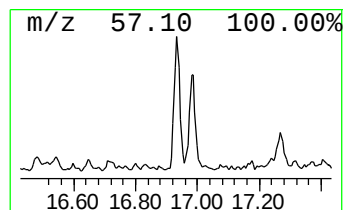
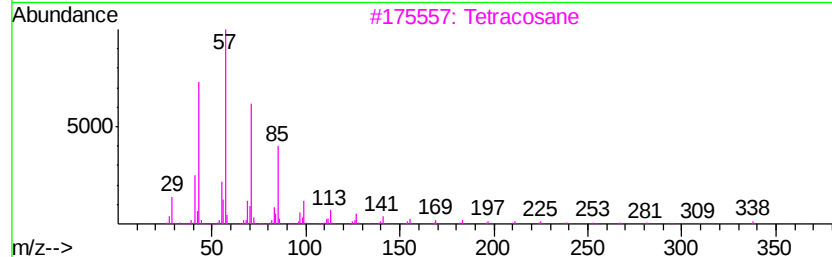
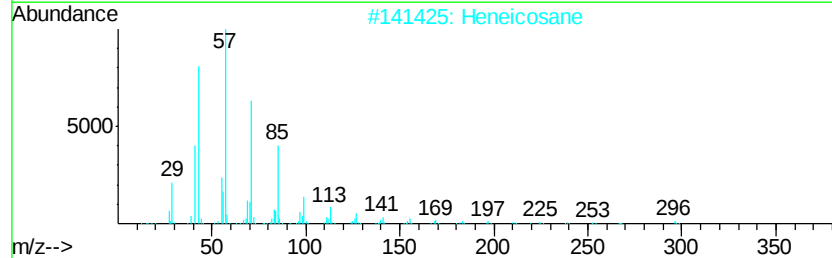
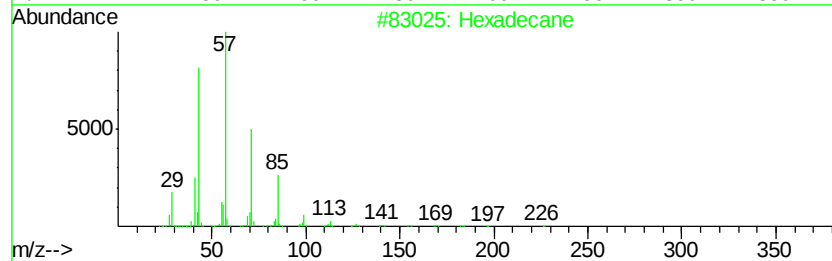
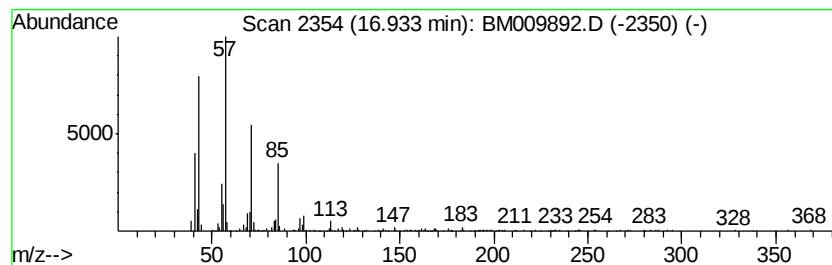
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	4.61 ng/ul	525731	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009892.D
Acq On : 04 May 2017 16:57
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

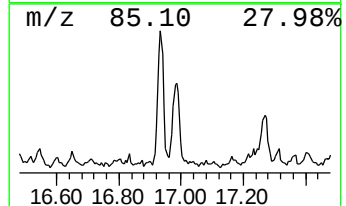
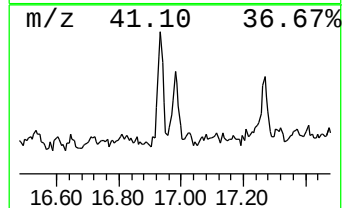
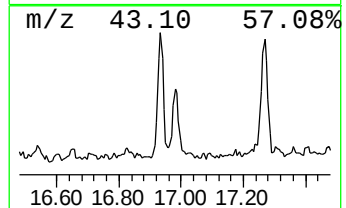
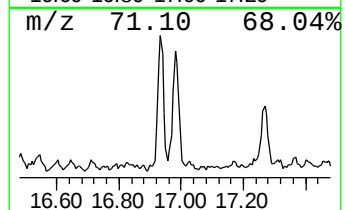
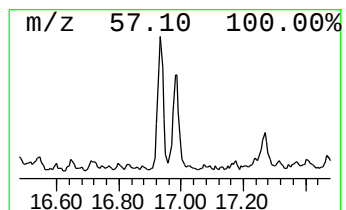
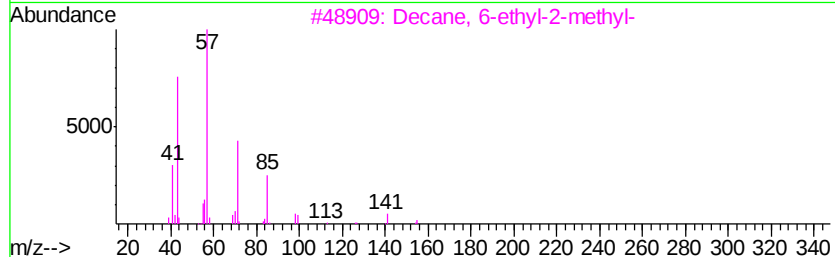
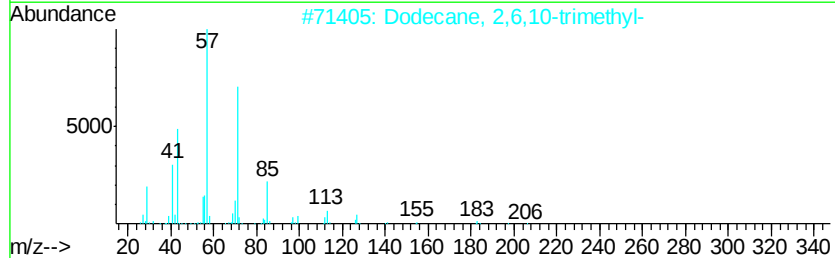
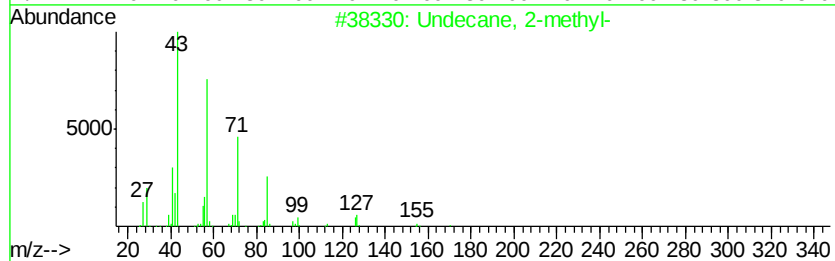
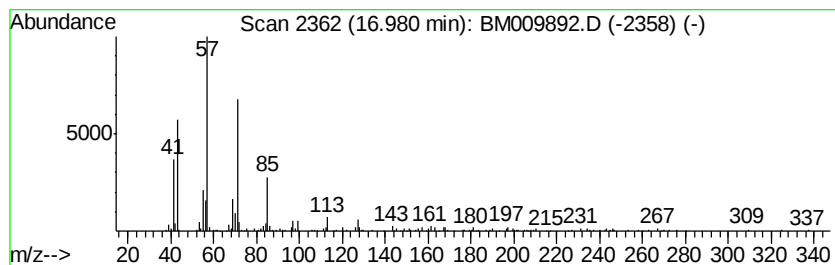
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.64 ng/ul	414564	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009892.D
Acq On : 04 May 2017 16:57
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

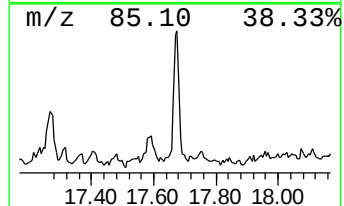
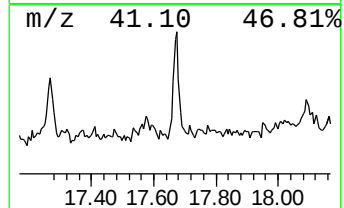
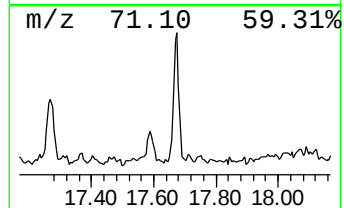
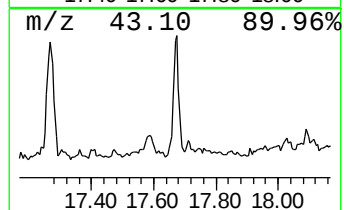
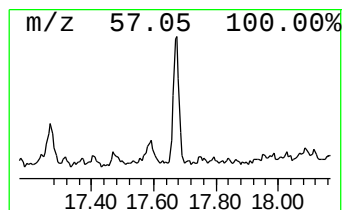
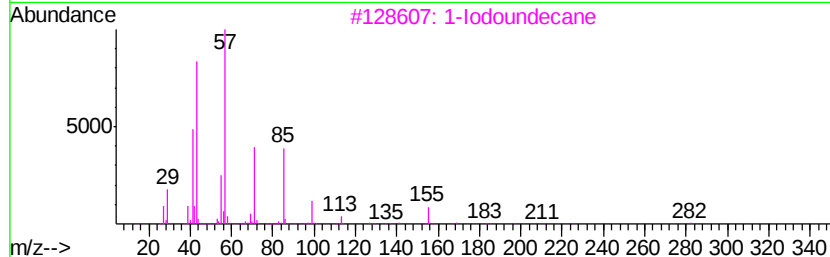
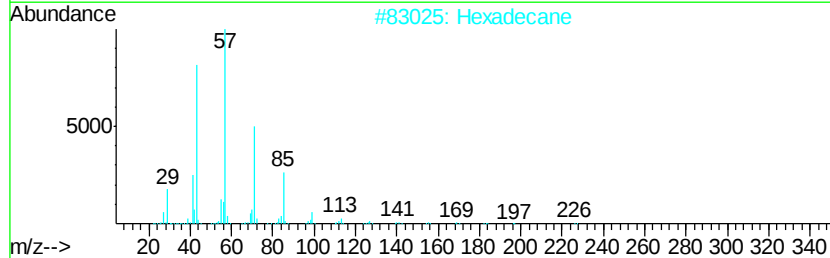
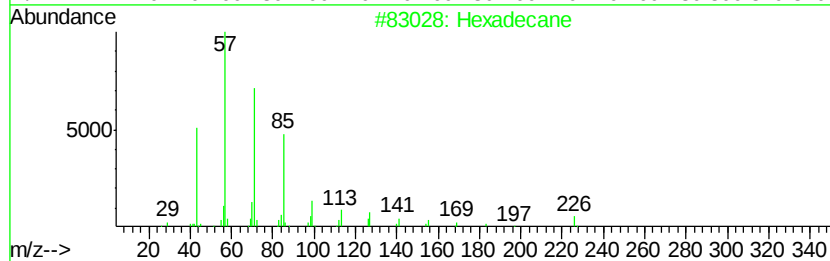
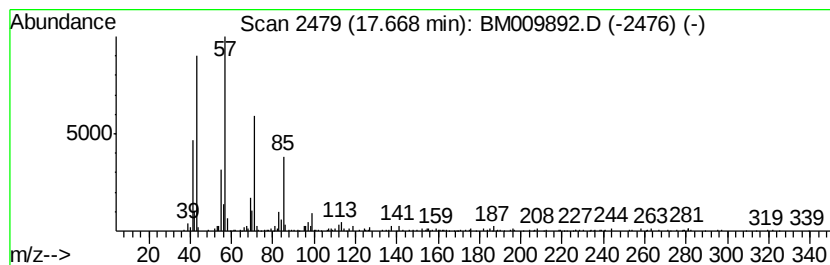
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.41 ng/ul	502898	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	87
3			1-Iodoundecane	282	C11H23I	004282-44-4	87
4			Tridecane	184	C13H28	000629-50-5	86
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009892.D
Acq On : 04 May 2017 16:57
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

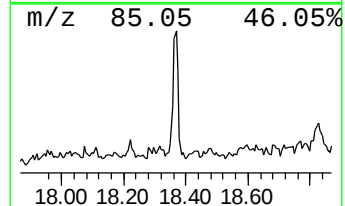
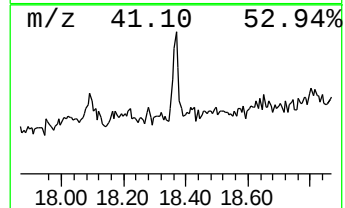
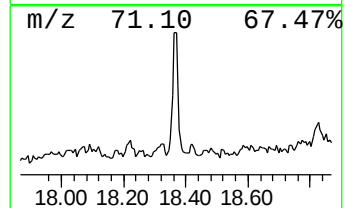
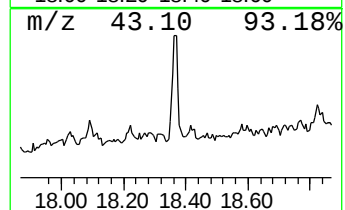
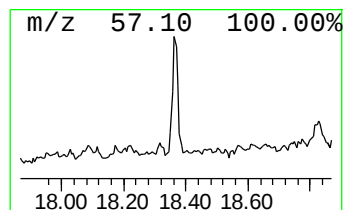
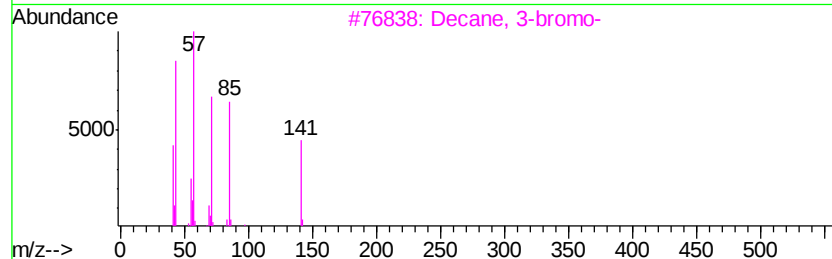
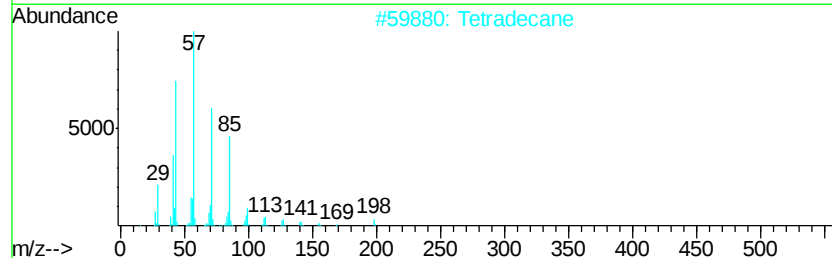
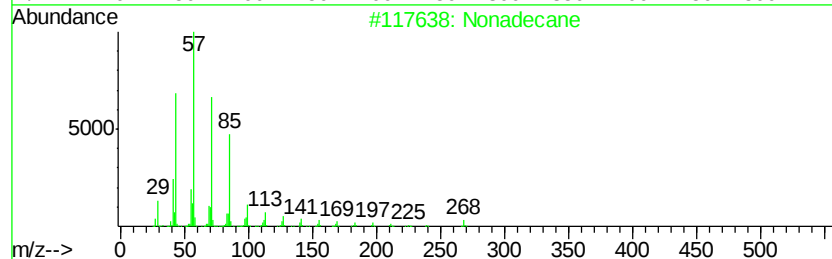
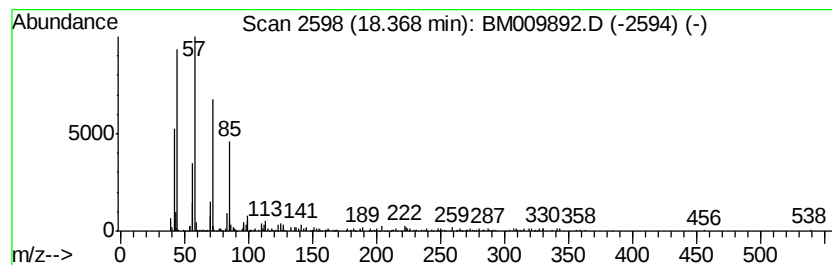
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.59 ng/ul	409371	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	80
2			Tetradecane	198	C14H30	000629-59-4	80
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009892.D
Acq On : 04 May 2017 16:57
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

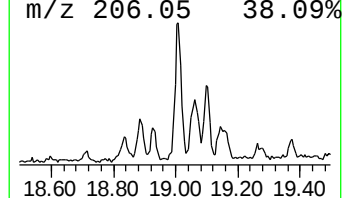
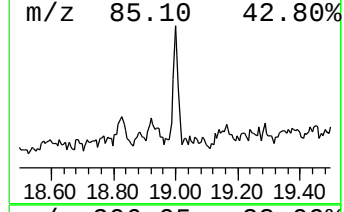
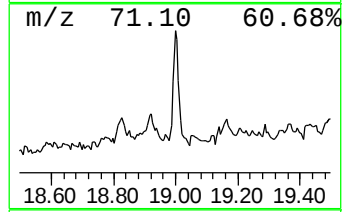
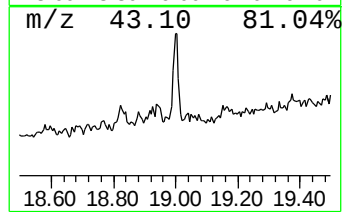
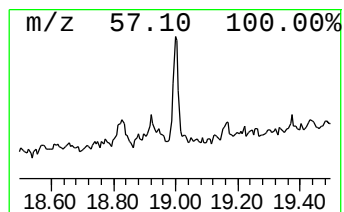
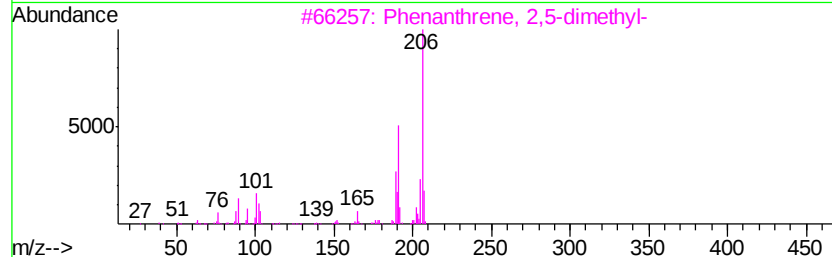
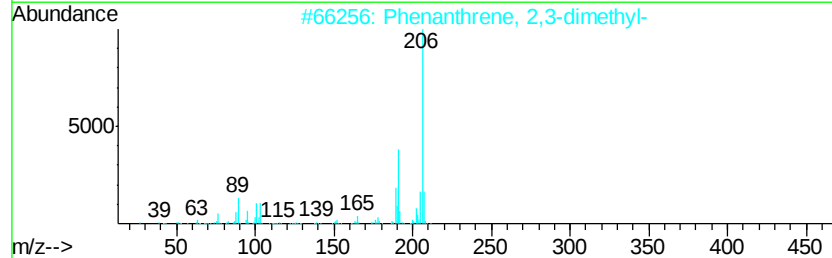
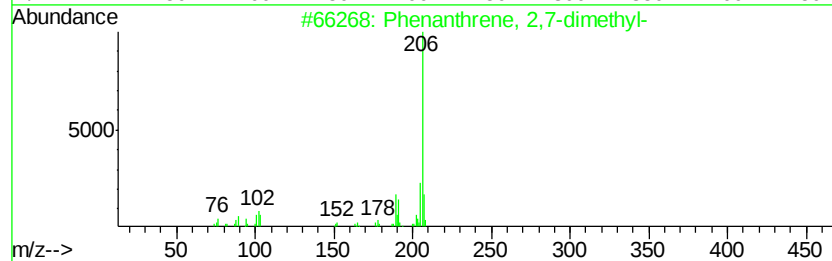
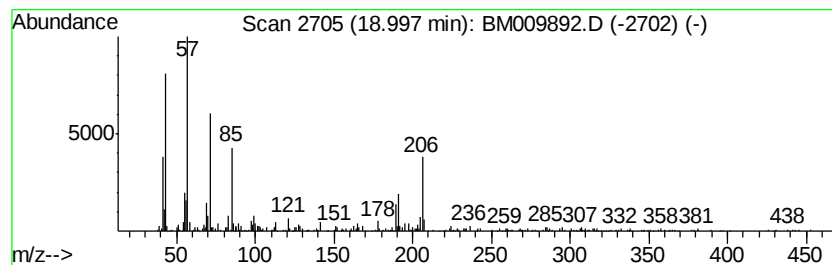
Instrument :
BNA_M
ClientSampleId :
YAB15

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 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.00	5.68 ng/ul	646965	Phenanthrene-d10		17.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4		Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	60
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	60



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Sample : I2871-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

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
unknown-01	3.19	2.3	ng/ul	114423	1	7.80	999459	20.0
(DEL) Alkane: Str...	15.28	4.5	ng/ul	426154	3	14.46	1895630	20.0
(DEL) Alkane: Str...	15.68	4.8	ng/ul	451633	3	14.46	1895630	20.0
(DEL) Alkane: Str...	16.16	14.4	ng/ul	1647570	4	17.22	2279730	20.0
(DEL) Alkane: Str...	16.93	4.6	ng/ul	525731	4	17.22	2279730	20.0
(DEL) Alkane: Str...	16.98	3.6	ng/ul	414564	4	17.22	2279730	20.0
(DEL) Alkane: Str...	17.67	4.4	ng/ul	502898	4	17.22	2279730	20.0
(DEL) Alkane: Str...	18.37	3.6	ng/ul	409371	4	17.22	2279730	20.0
Phenanthrene, 2,7...	19.00	5.7	ng/ul	646965	4	17.22	2279730	20.0