

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
 Data File : BM009879.D
 Acq On : 03 May 2017 17:54
 Operator : SJ/MA
 Sample : I2871-02
 Misc :
 ALS Vial : 13 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	3.616	87	90	99	rVB2	46144	82276	2.66%	0.203%
2	6.992	656	664	674	rBV	770970	1314611	42.49%	3.240%
3	7.140	683	689	697	rBV	514452	807881	26.11%	1.991%
4	7.345	716	724	731	rBV	742302	1200493	38.80%	2.959%
5	7.804	796	802	812	rBV	719819	1141659	36.90%	2.814%
6	8.528	918	925	934	rBV	877864	1430420	46.23%	3.526%
7	8.975	995	1001	1010	rBV	734059	1220501	39.44%	3.008%
8	9.116	1018	1025	1032	rVB4	43104	89452	2.89%	0.220%
9	9.692	1116	1123	1133	rBV2	635011	1082275	34.98%	2.668%
10	10.239	1209	1216	1226	rBV	850902	1535209	49.62%	3.784%
11	10.604	1271	1278	1285	rBV	994076	1620554	52.37%	3.994%
12	10.757	1295	1304	1316	rBV2	232127	500913	16.19%	1.235%
13	13.298	1730	1736	1742	rBV	63638	96898	3.13%	0.239%
14	13.863	1827	1832	1837	rBV	1425814	2023473	65.40%	4.988%
15	13.910	1837	1840	1847	rVB	451615	607361	19.63%	1.497%
16	14.151	1875	1881	1890	rBV	1665287	2417429	78.13%	5.959%
17	14.321	1906	1910	1917	rVB	145054	193256	6.25%	0.476%
18	14.457	1926	1933	1941	rBV2	1327052	2086797	67.44%	5.144%
19	14.704	1969	1975	1984	rBV2	539750	953764	30.82%	2.351%
20	14.845	1994	1999	2001	rBV5	63603	107703	3.48%	0.265%
21	14.939	2009	2015	2022	rBV7	61295	135476	4.38%	0.334%
22	15.227	2061	2064	2068	rBV3	47427	82015	2.65%	0.202%
23	15.280	2069	2073	2077	rVB	357590	433207	14.00%	1.068%
24	15.457	2096	2103	2108	rBV	1902675	2805564	90.67%	6.915%
25	15.598	2122	2127	2132	rBV2	356847	501348	16.20%	1.236%
26	15.680	2136	2141	2147	rVB	233836	379926	12.28%	0.936%
27	16.163	2215	2223	2229	rBV	785421	1694345	54.76%	4.176%
28	16.604	2294	2298	2302	rBV7	58793	102937	3.33%	0.254%
29	16.933	2350	2354	2358	rBV	431996	515262	16.65%	1.270%
30	16.986	2358	2363	2373	rVB	269112	504761	16.31%	1.244%
31	17.209	2396	2401	2406	rBV	1436350	2132055	68.90%	5.255%
32	17.262	2406	2410	2414	rVV2	391413	679456	21.96%	1.675%
33	17.309	2414	2418	2424	rVB2	1889038	2677656	86.54%	6.600%
34	17.674	2475	2480	2486	rBV	374163	485554	15.69%	1.197%

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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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

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35	18.086	2547	2550	2554	rBV4	162687	234567	7.58%	0.578%
36	18.368	2594	2598	2603	rBV	264362	361661	11.69%	0.891%
37	19.003	2702	2706	2711	rBV2	347969	522441	16.88%	1.288%
38	19.268	2748	2751	2757	rBV	301097	377414	12.20%	0.930%
39	19.609	2802	2809	2813	rBV	2057606	3094229	100.00%	7.627%
40	21.397	3109	3113	3117	rBV	1748948	2337840	75.55%	5.762%

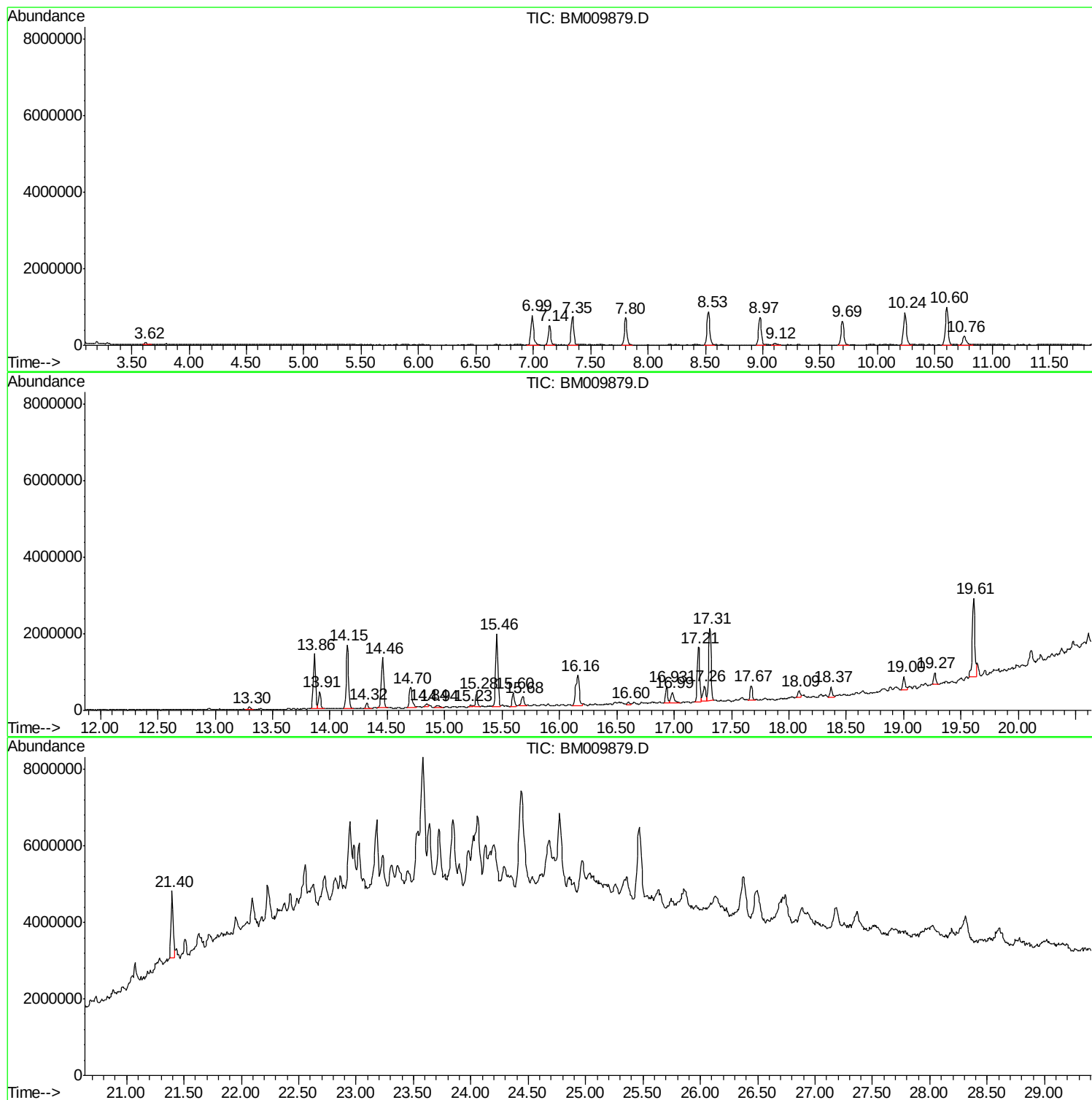
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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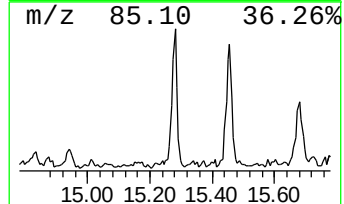
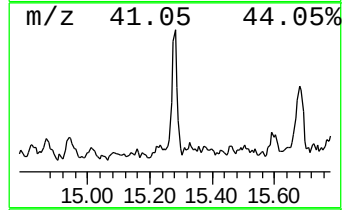
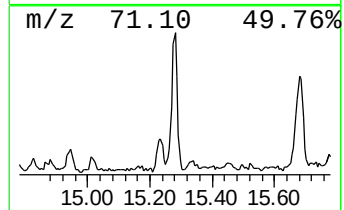
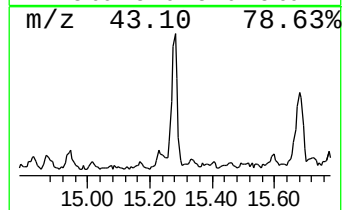
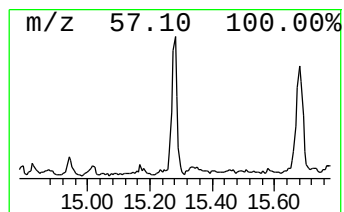
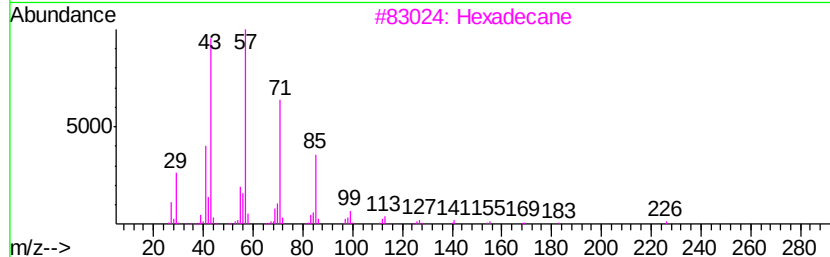
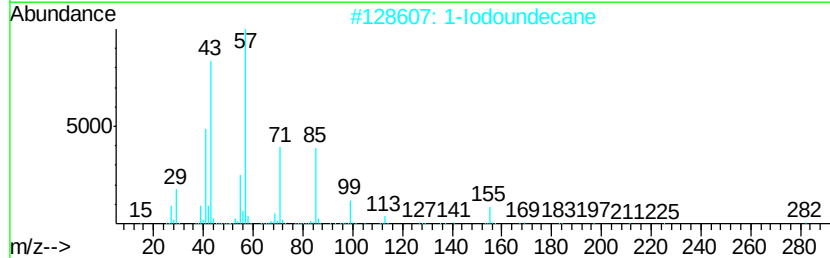
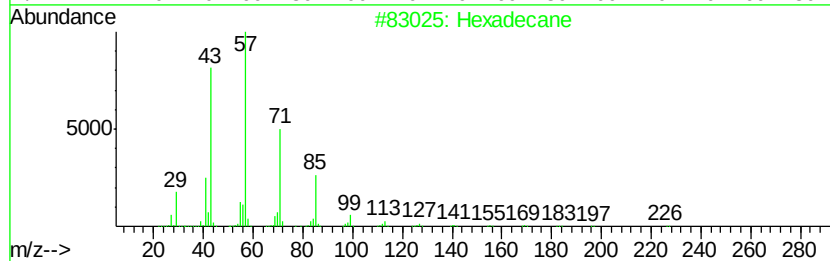
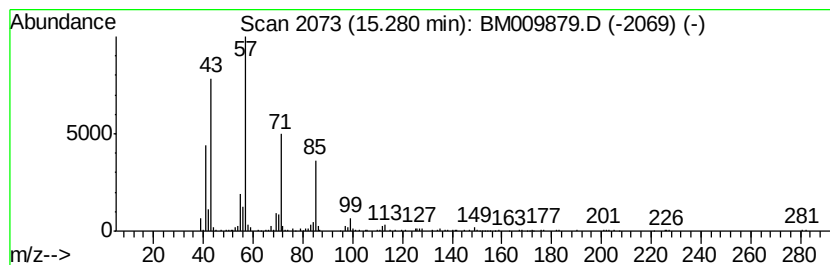
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TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	4.15 ng/ul	433207	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			1-Iodoundecane	282	C11H23I	004282-44-4	87
3			Hexadecane	226	C16H34	000544-76-3	87
4			Tetradecane	198	C14H30	000629-59-4	83
5			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83



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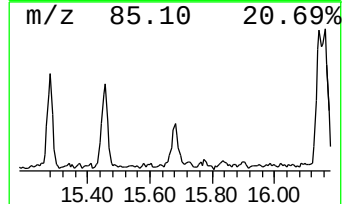
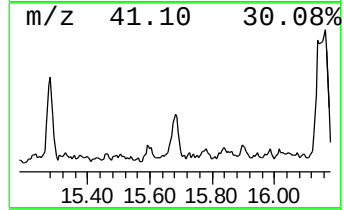
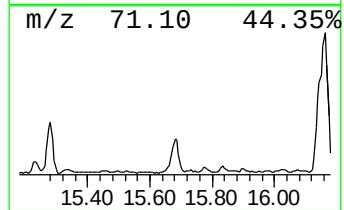
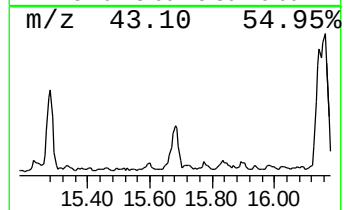
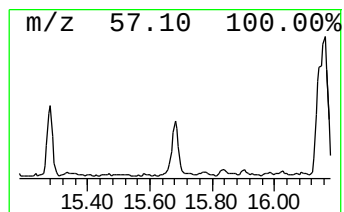
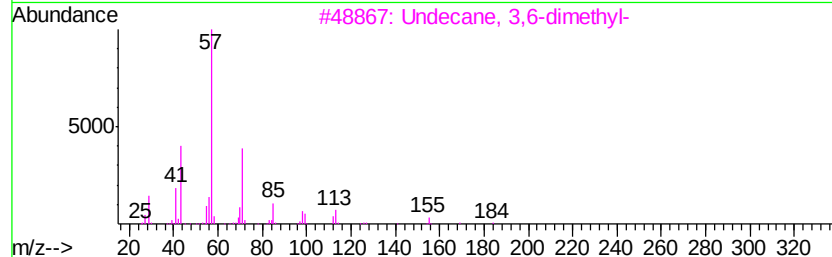
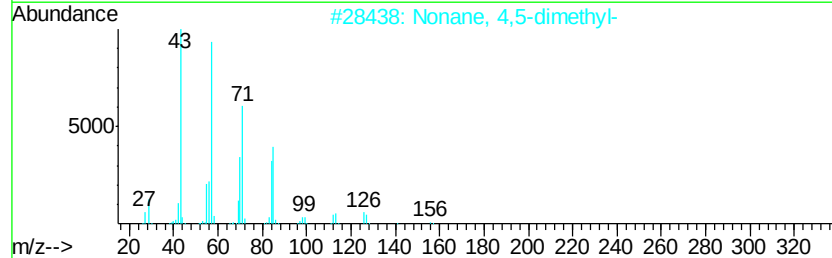
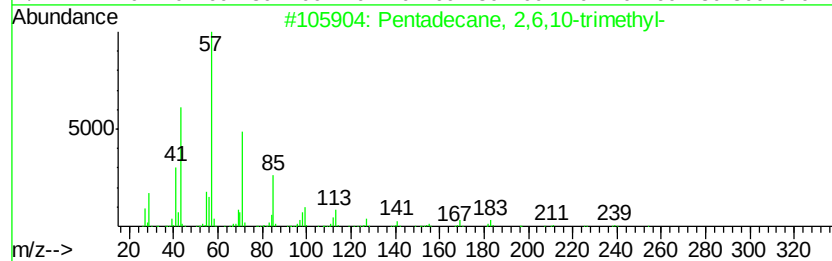
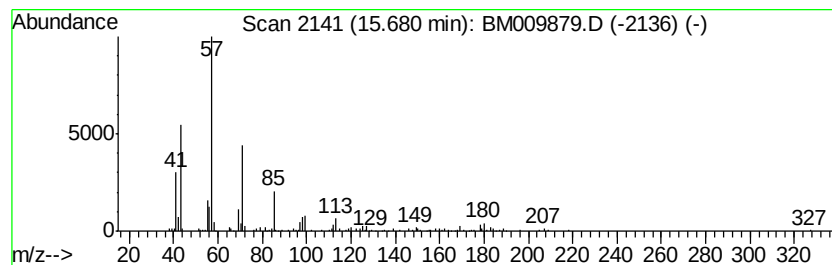
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.64 ng/ul	379926	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4			Tridecane	184	C13H28	000629-50-5	58
5			Decane, 2-methyl-	156	C11H24	006975-98-0	58



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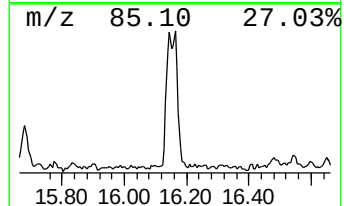
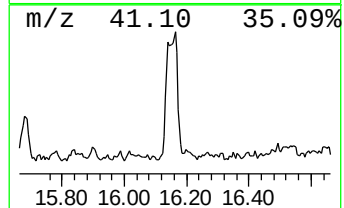
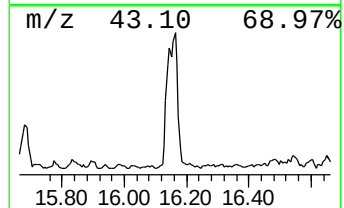
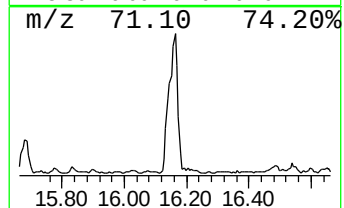
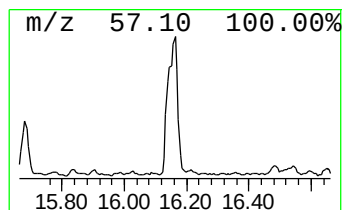
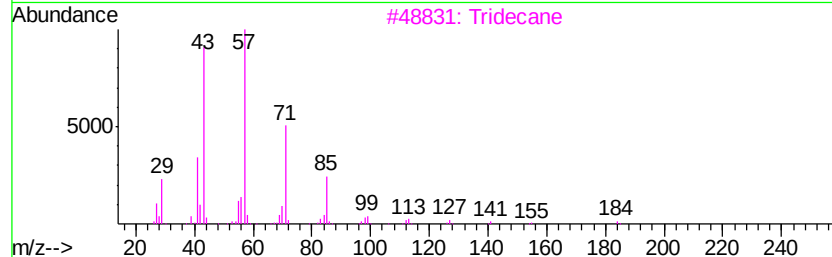
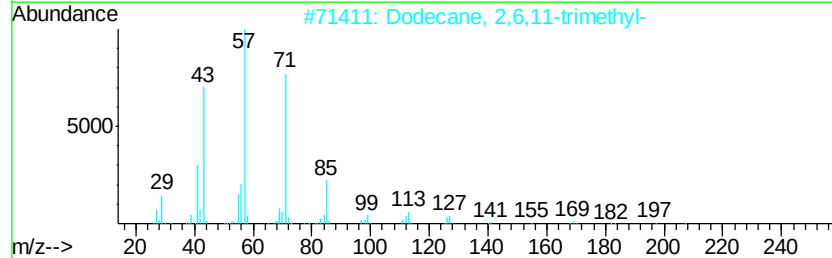
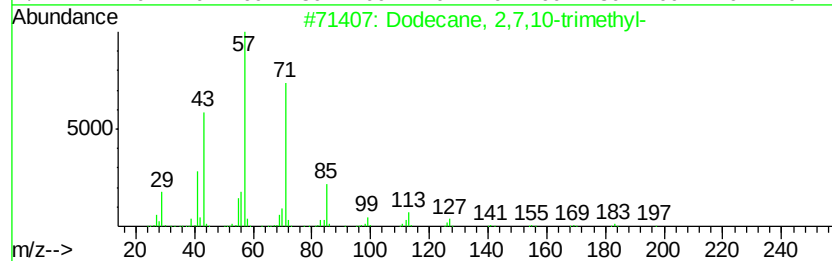
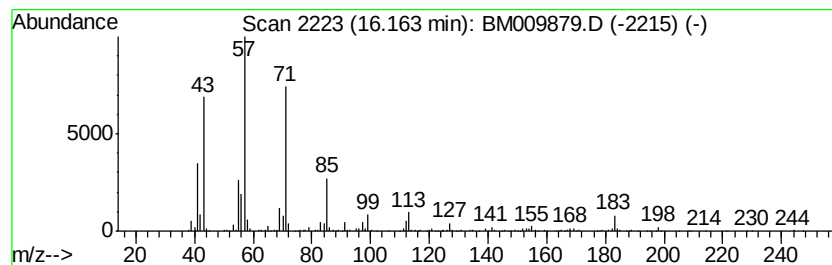
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	15.89 ng/ul	1694350	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Tridecane	184	C13H28	000629-50-5	72
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	68
5		Diaziridinone, bis(1,1-dimethylp...	198	C11H22N2O	019656-75-8	64



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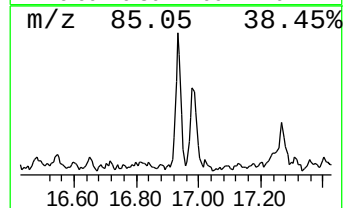
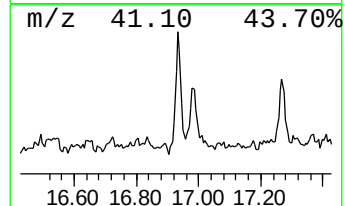
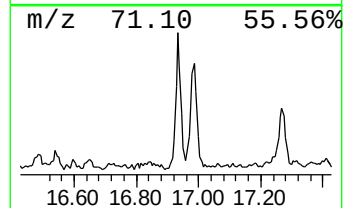
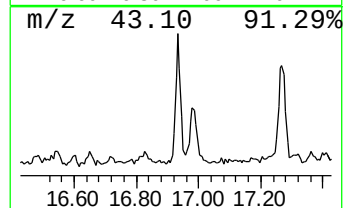
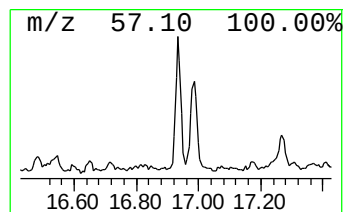
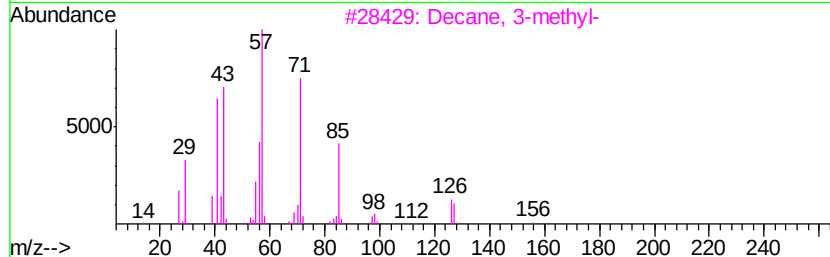
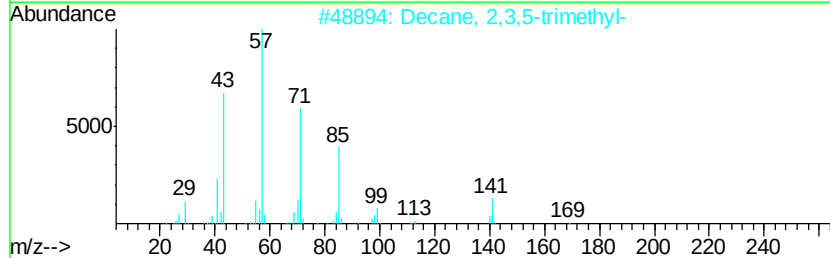
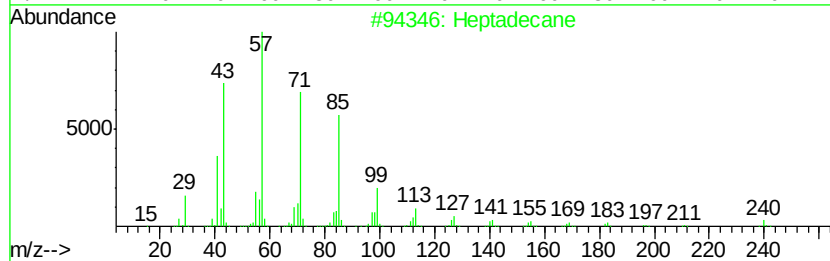
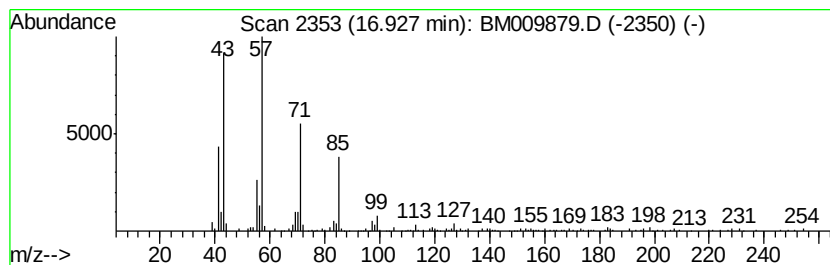
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.93	4.83 ng/ul	515262	Phenanthrene-d10	17.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Decane, 3-methyl-	156	C11H24	013151-34-3	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Eicosane	282	C20H42	000112-95-8	80



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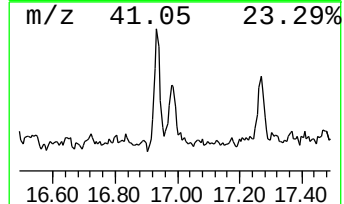
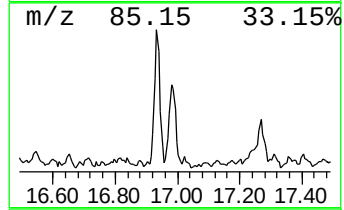
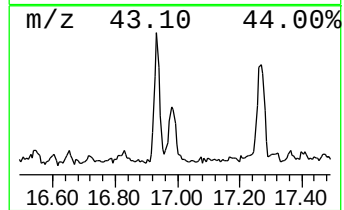
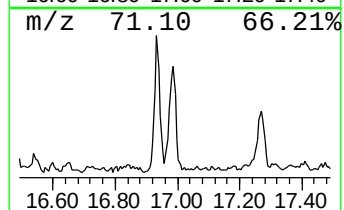
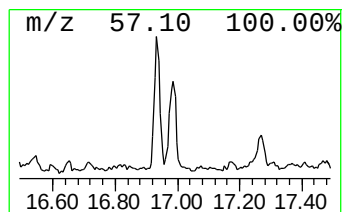
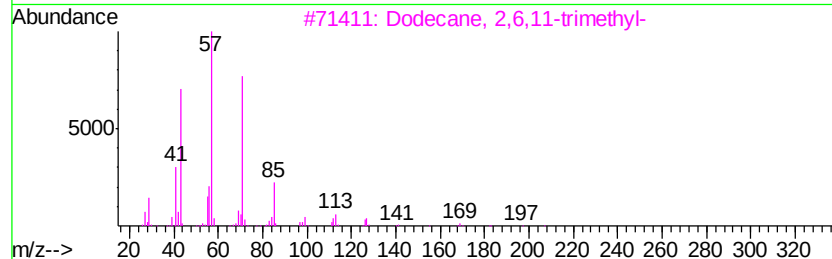
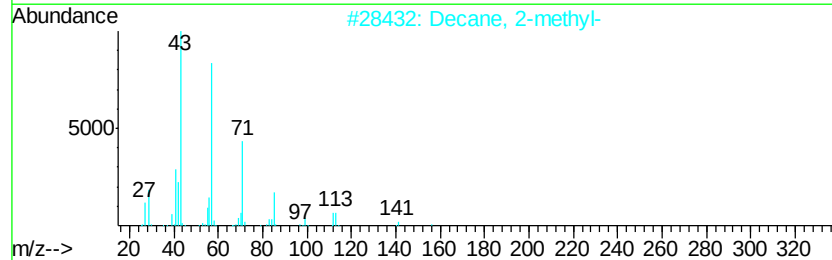
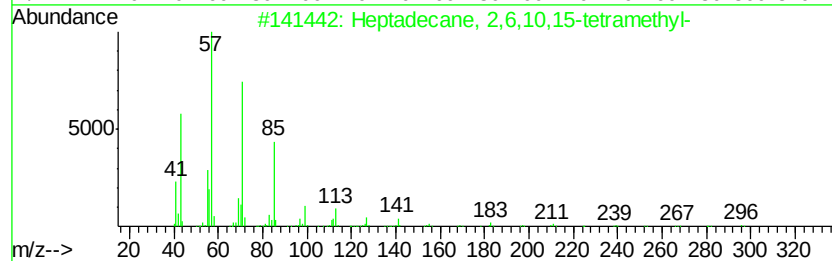
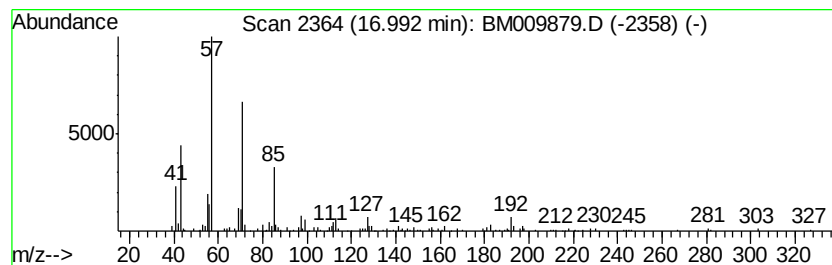
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.73 ng/ul	504761	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	87
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Decane, 2-methyl-	156	C11H24	006975-98-0	83
5		Hexadecane	226	C16H34	000544-76-3	78



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ClientSampleId :
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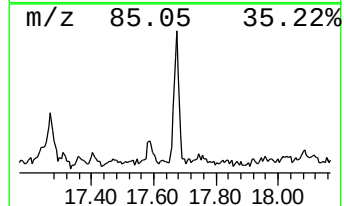
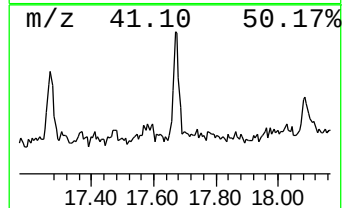
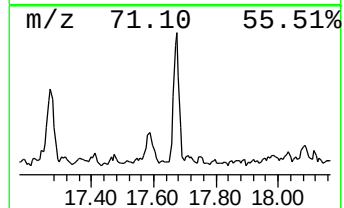
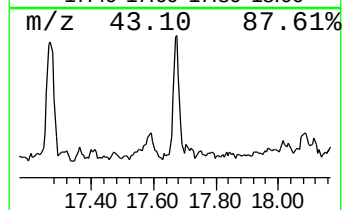
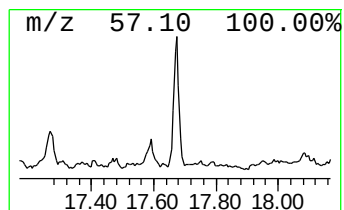
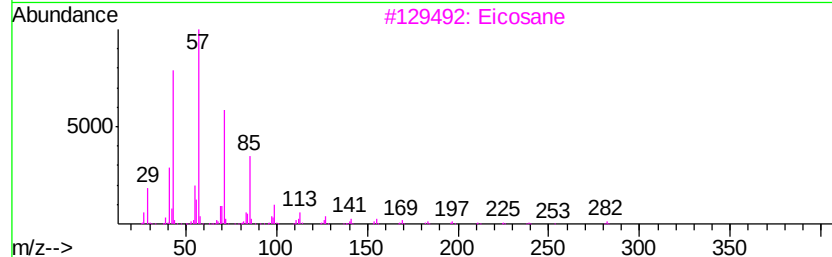
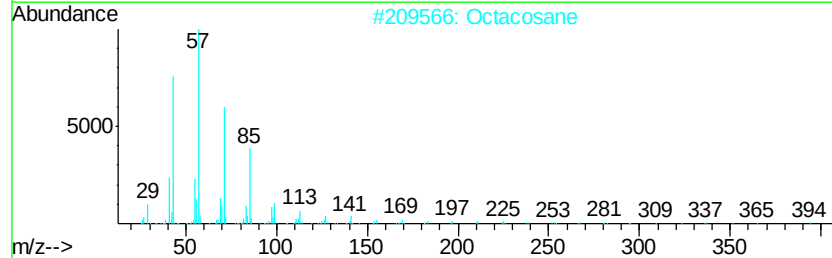
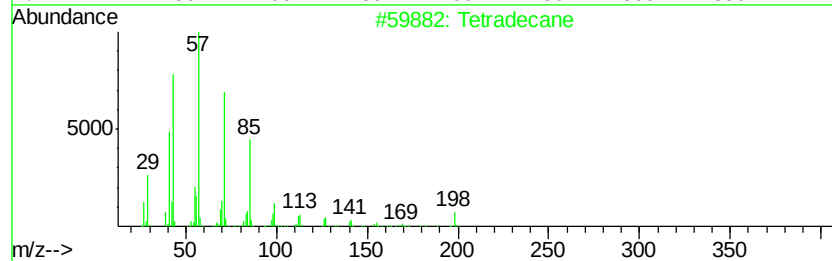
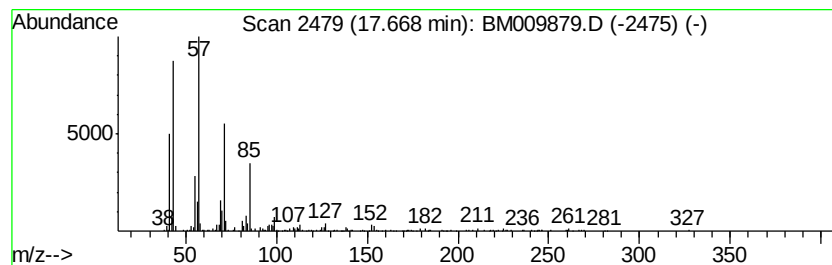
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.55 ng/ul	485554	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Eicosane	282	C20H42	000112-95-8	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
Data File : BM009879.D
Acq On : 03 May 2017 17:54
Operator : SJ/MA
Sample : I2871-02
Misc :
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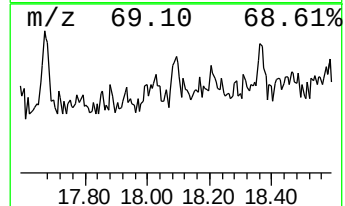
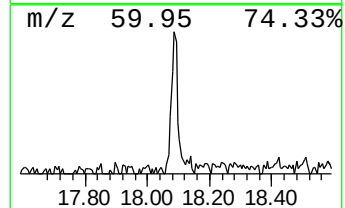
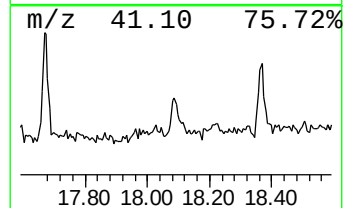
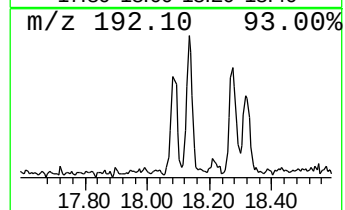
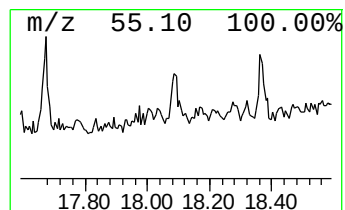
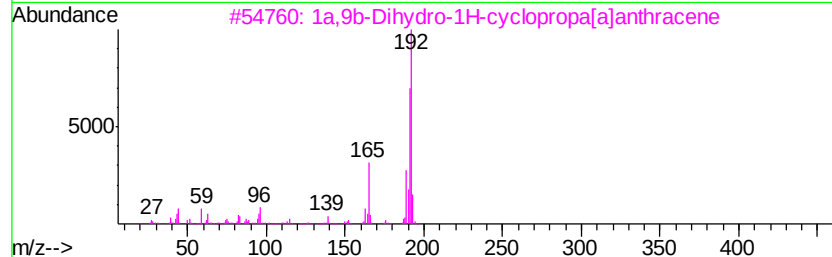
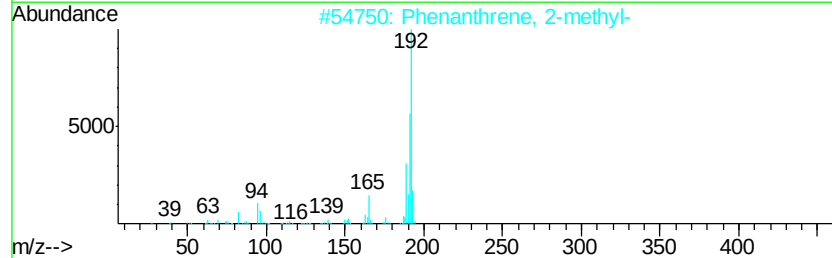
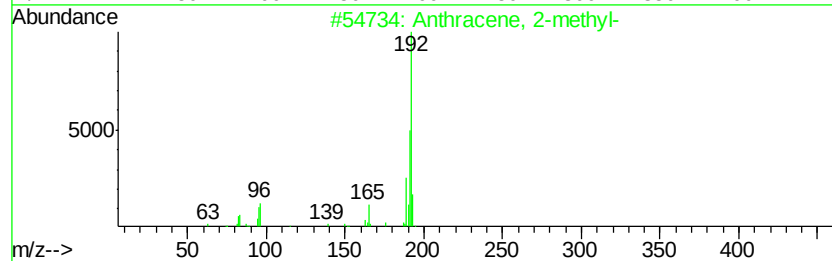
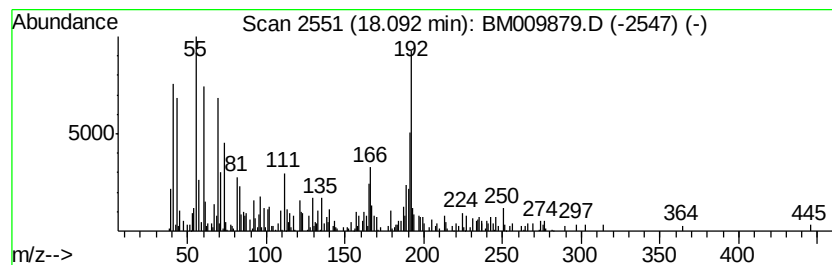
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.20 ng/ul	234567	Phenanthrene-d10	17.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	49
5		Tridecanoic acid	214	C13H26O2	000638-53-9	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
Data File : BM009879.D
Acq On : 03 May 2017 17:54
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

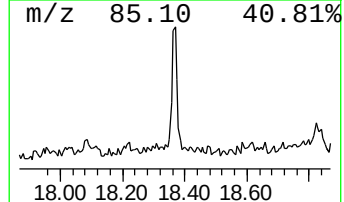
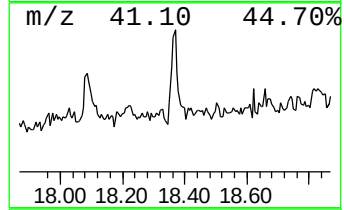
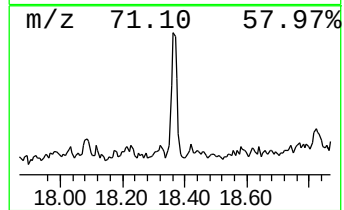
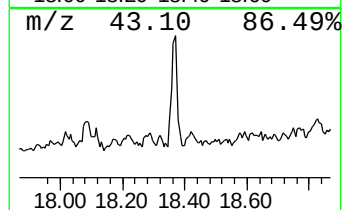
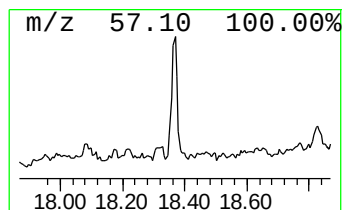
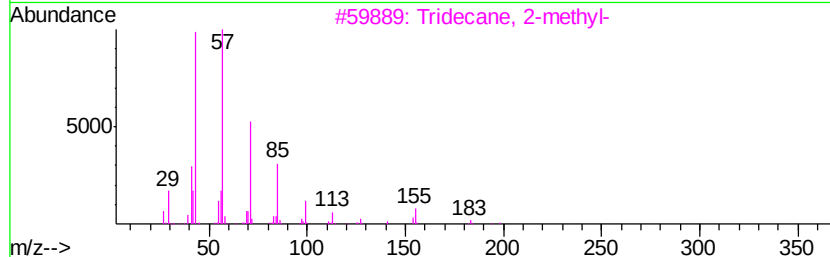
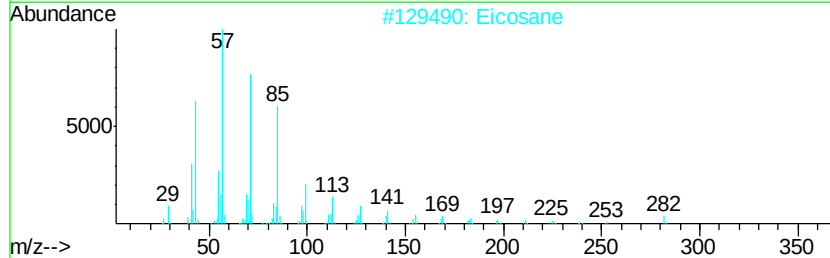
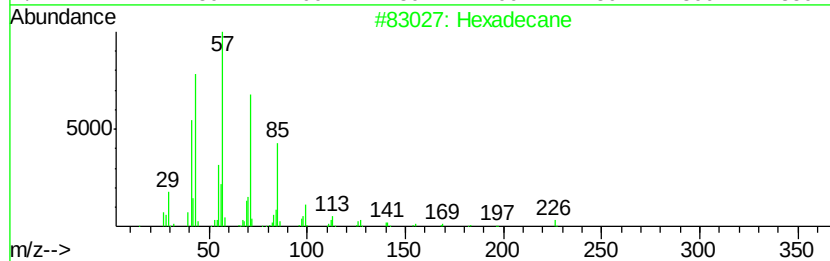
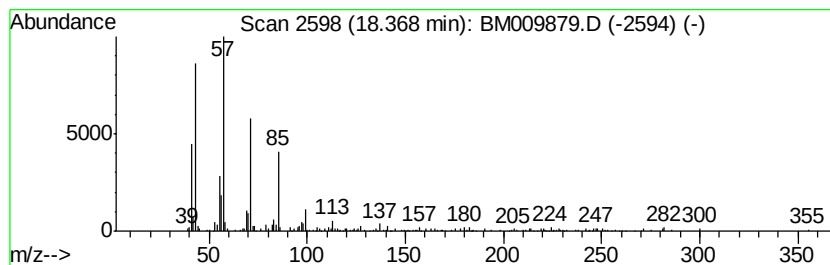
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.39 ng/ul	361661	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
4		Nonadecane	268	C19H40	000629-92-5	64
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
Data File : BM009879.D
Acq On : 03 May 2017 17:54
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

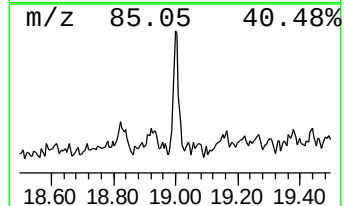
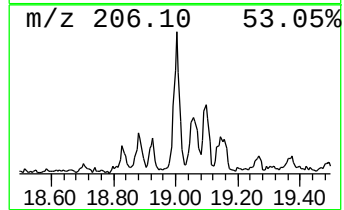
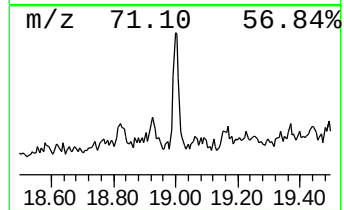
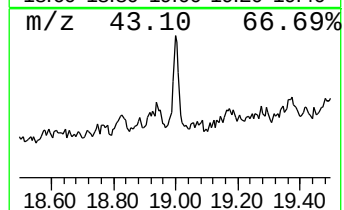
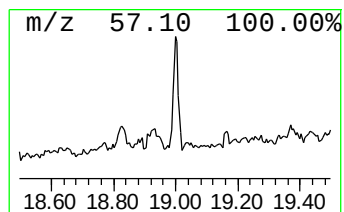
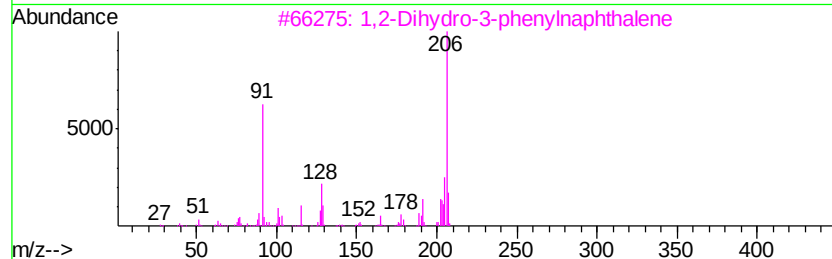
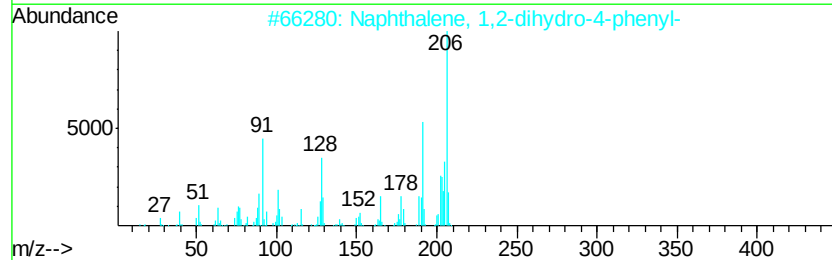
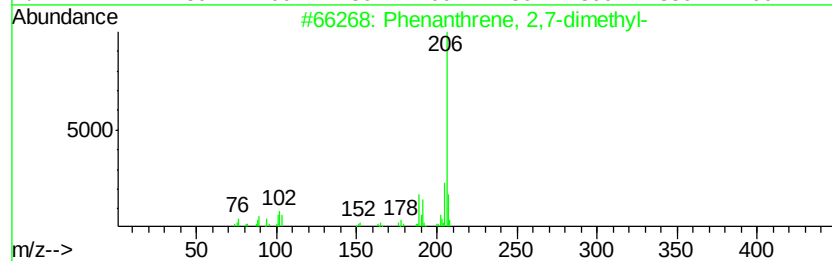
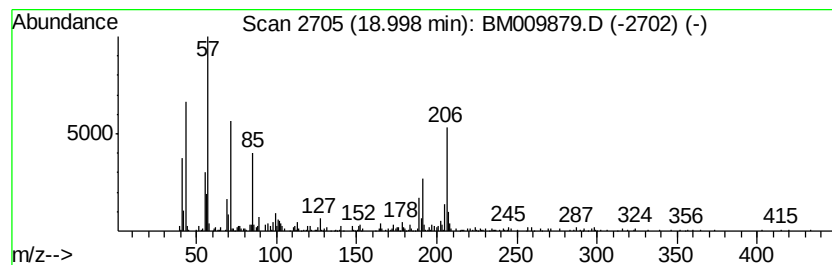
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.90 ng/ul	522441	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
2		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
3		1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	46
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	45
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
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Acq On : 03 May 2017 17:54
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	15.28	4.2	ng/ul	433207	3	14.46	2086800	20.0
(DEL) Alkane: Str...	15.68	3.6	ng/ul	379926	3	14.46	2086800	20.0
(DEL) Alkane: Str...	16.16	15.9	ng/ul	1694350	4	17.21	2132060	20.0
(DEL) Alkane: Str...	16.93	4.8	ng/ul	515262	4	17.21	2132060	20.0
(DEL) Alkane: Str...	16.99	4.7	ng/ul	504761	4	17.21	2132060	20.0
(DEL) Alkane: Str...	17.67	4.5	ng/ul	485554	4	17.21	2132060	20.0
Anthracene, 2-met...	18.09	2.2	ng/ul	234567	4	17.21	2132060	20.0
(DEL) Alkane: Str...	18.37	3.4	ng/ul	361661	4	17.21	2132060	20.0
Phenanthrene, 2,7...	19.00	4.9	ng/ul	522441	4	17.21	2132060	20.0