

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
 Data File : BM009889.D
 Acq On : 04 May 2017 15:09
 Operator : SJ/MA
 Sample : I2871-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB28

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	6.993	657	664	675	rVB	323971	563625	25.36%	2.402%
2	7.140	683	689	694	rBV	221101	350324	15.76%	1.493%
3	7.340	716	723	731	rBV2	332468	528043	23.76%	2.251%
4	7.798	795	801	810	rVB	607884	978414	44.02%	4.170%
5	8.522	917	924	934	rBV	360309	624553	28.10%	2.662%
6	8.975	993	1001	1010	rBV	307794	526122	23.67%	2.242%
7	9.692	1116	1123	1129	rBV3	253762	461545	20.77%	1.967%
8	10.239	1209	1216	1228	rBV	353623	655422	29.49%	2.794%
9	10.598	1270	1277	1287	rBV	821604	1371505	61.71%	5.846%
10	10.751	1295	1303	1314	rBV2	130513	255315	11.49%	1.088%
11	13.298	1731	1736	1744	rVB3	55432	81835	3.68%	0.349%
12	13.863	1827	1832	1836	rBV	613824	861575	38.76%	3.672%
13	13.904	1836	1839	1846	rVB2	180582	264681	11.91%	1.128%
14	14.151	1875	1881	1887	rBV	694433	1060223	47.70%	4.519%
15	14.457	1924	1933	1939	rBV2	1148946	1852076	83.33%	7.894%
16	14.710	1972	1976	1986	rBV	250754	499097	22.46%	2.127%
17	14.933	2008	2014	2021	rBV9	57257	117446	5.28%	0.501%
18	15.221	2058	2063	2069	rBV8	56985	154637	6.96%	0.659%
19	15.274	2069	2072	2076	rVB	146601	166341	7.48%	0.709%
20	15.451	2096	2102	2107	rBV	910883	1272219	57.24%	5.423%
21	15.598	2124	2127	2132	rBV3	124623	179479	8.08%	0.765%
22	15.674	2136	2140	2148	rVB2	181320	293808	13.22%	1.252%
23	16.157	2215	2222	2228	rBV	640424	1184323	53.29%	5.048%
24	16.927	2350	2353	2357	rBV	184326	225550	10.15%	0.961%
25	16.980	2358	2362	2367	rVV	274896	392679	17.67%	1.674%
26	17.210	2396	2401	2406	rBV	1578206	2222599	100.00%	9.473%
27	17.263	2406	2410	2414	rVV2	450095	704727	31.71%	3.004%
28	17.310	2414	2418	2424	rVB	1078143	1478549	66.52%	6.302%
29	17.668	2475	2479	2485	rBV	232707	294039	13.23%	1.253%
30	18.086	2547	2550	2554	rBV7	140115	194209	8.74%	0.828%
31	18.362	2594	2597	2601	rBV2	145009	170744	7.68%	0.728%
32	18.998	2702	2705	2709	rBV2	298078	367292	16.53%	1.565%
33	19.604	2805	2808	2812	rBV	971390	1206542	54.29%	5.143%
34	21.398	3110	3113	3118	rVB	1713764	1902194	85.58%	8.108%

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
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

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

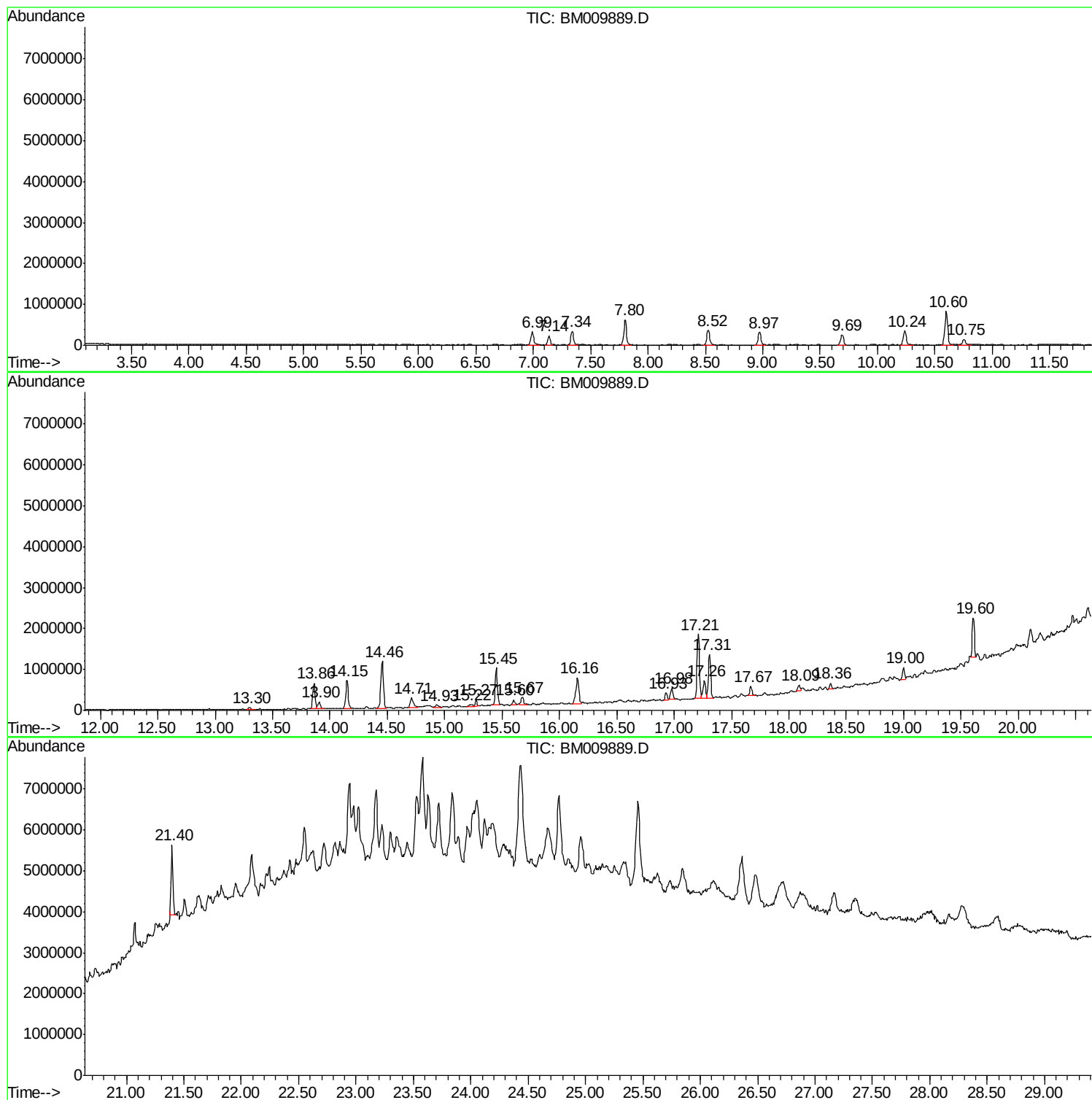
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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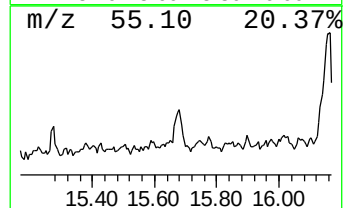
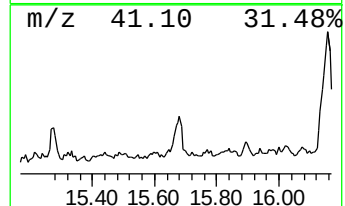
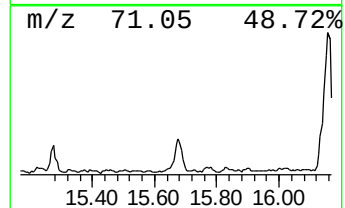
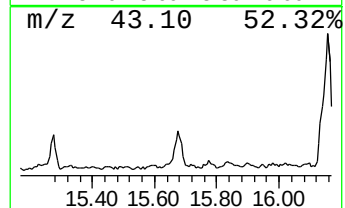
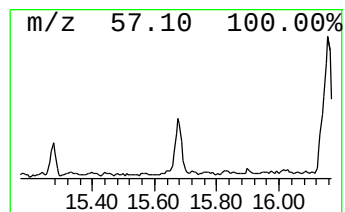
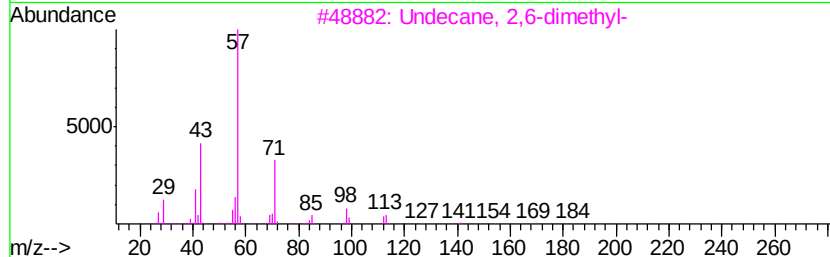
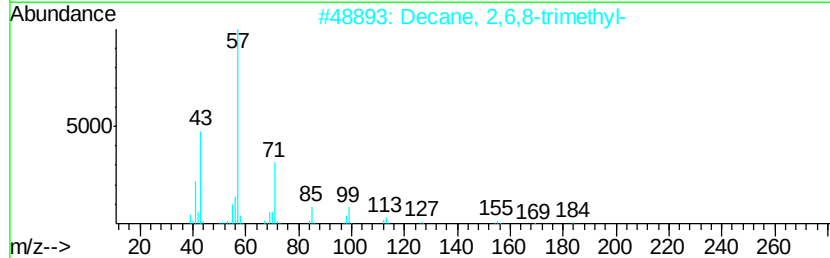
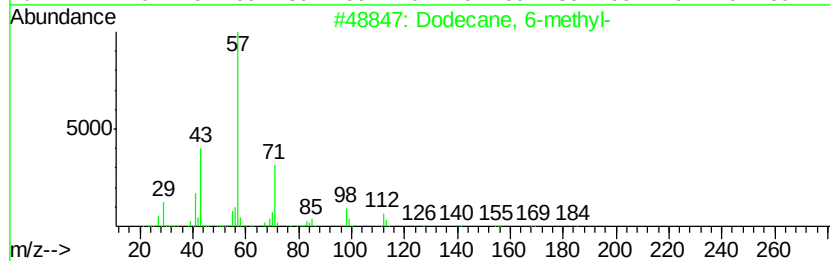
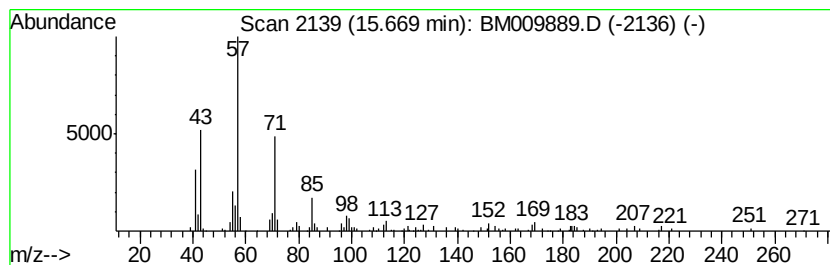
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Quant Title : SVOA CALIBRATION

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	3.17 ng/ul	293808	Acenaphthene-d10		14.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64



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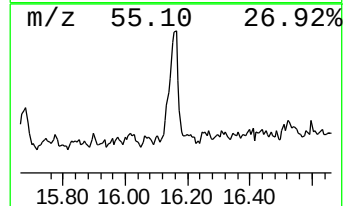
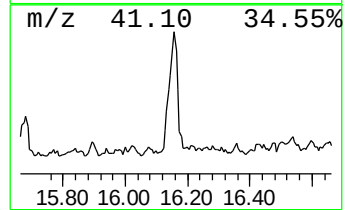
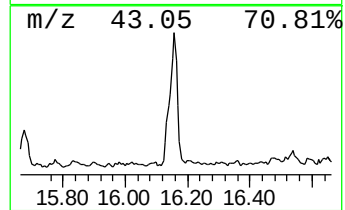
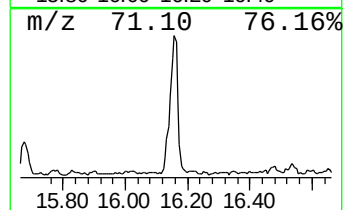
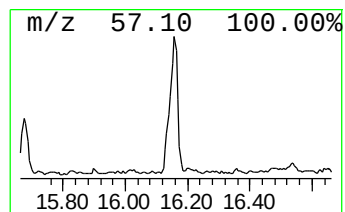
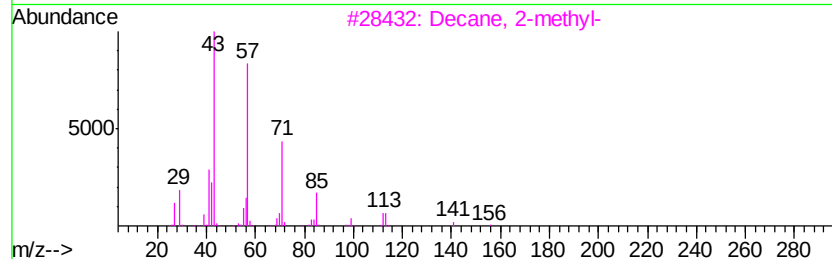
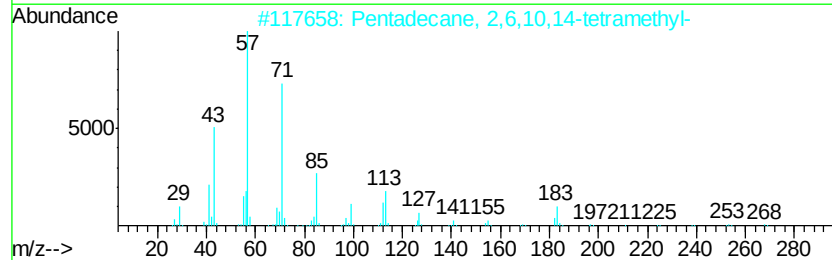
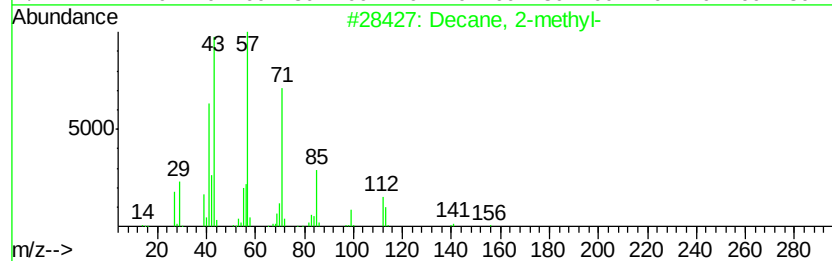
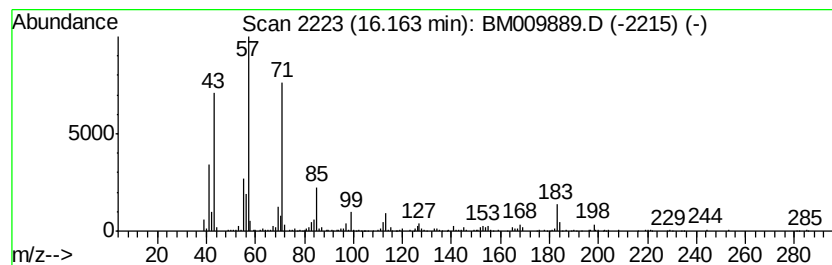
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	10.66 ng/ul	1184320	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Decane, 2-methyl-	156	C11H24	006975-98-0	83
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5		Tridecane	184	C13H28	000629-50-5	68



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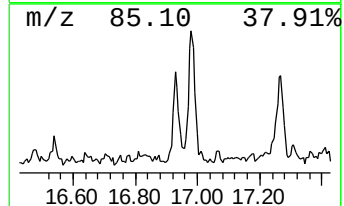
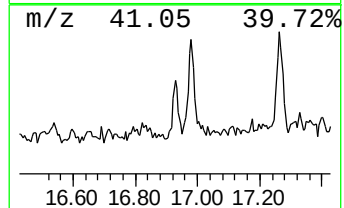
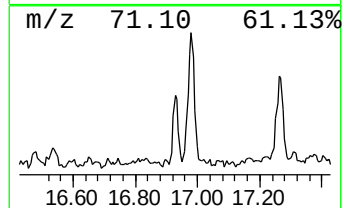
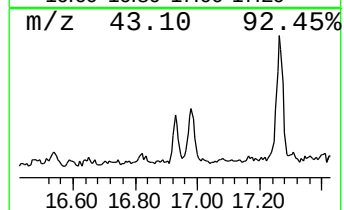
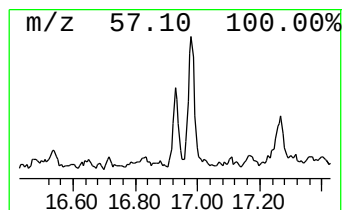
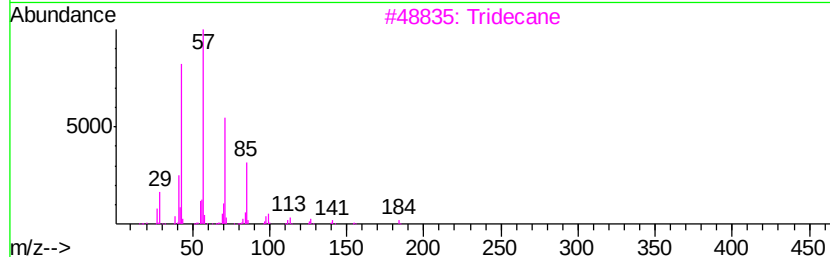
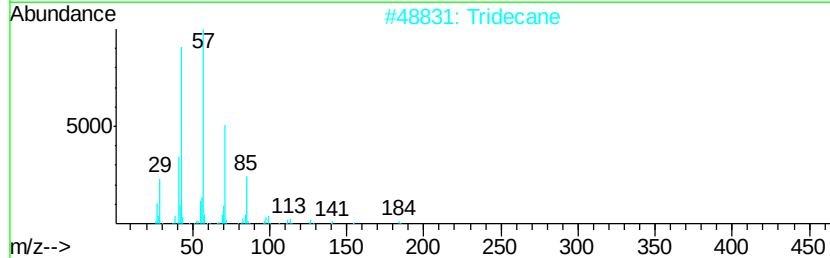
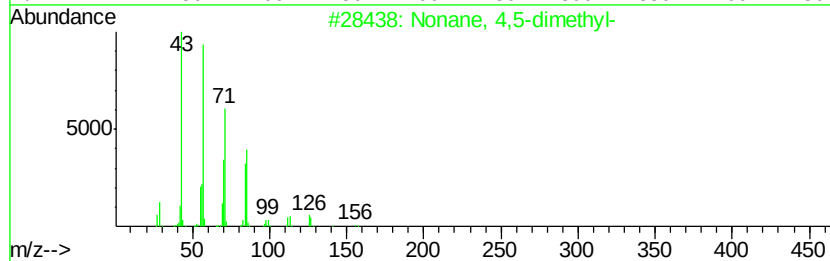
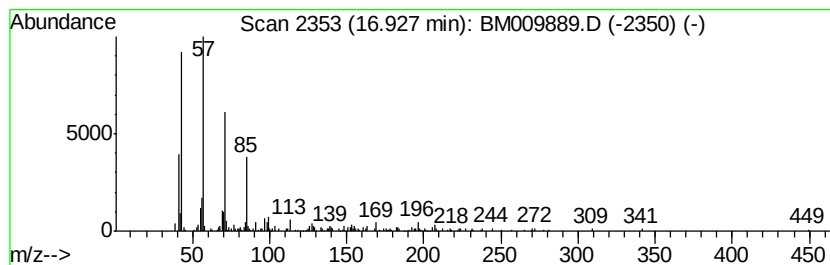
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.03 ng/ul	225550	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	81
2		Tridecane	184	C13H28	000629-50-5	81
3		Tridecane	184	C13H28	000629-50-5	81
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5		Octadecane	254	C18H38	000593-45-3	72



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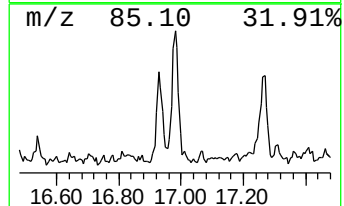
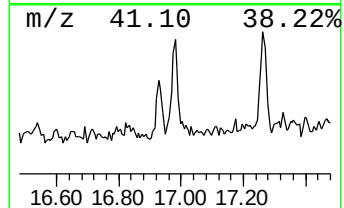
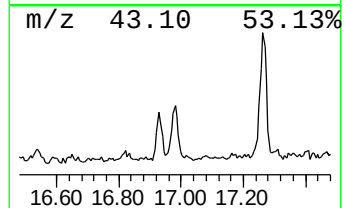
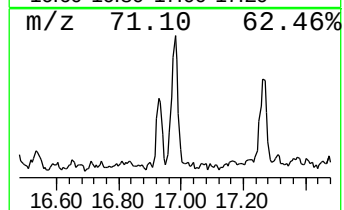
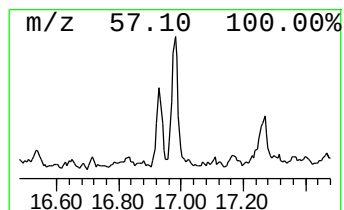
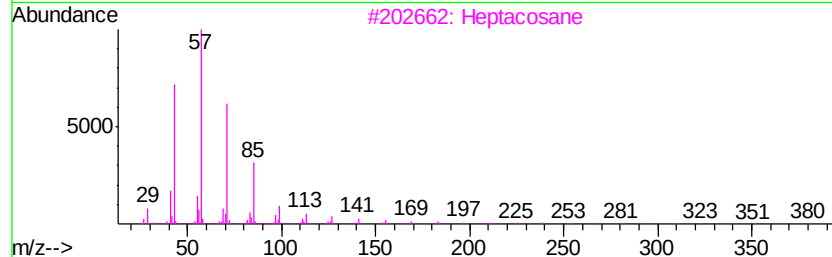
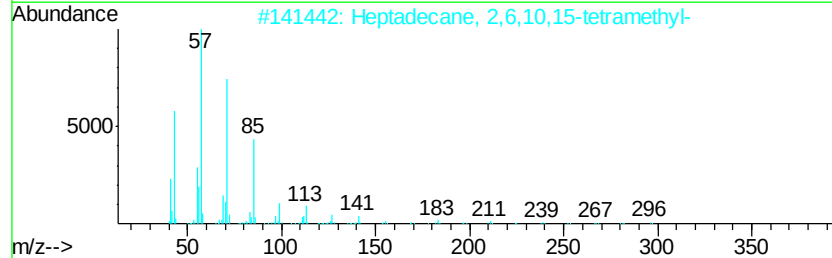
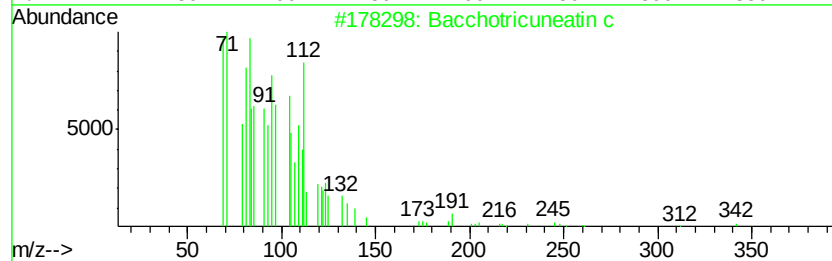
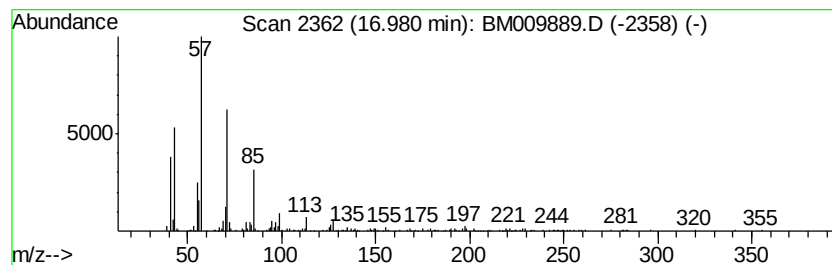
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.53 ng/ul	392679	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Heptacosane	380	C27H56	000593-49-7	86
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



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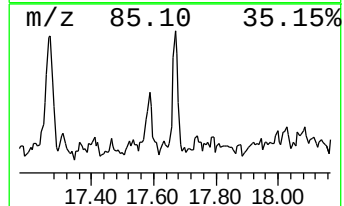
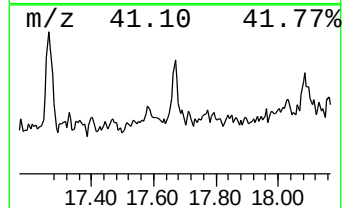
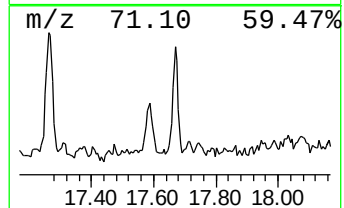
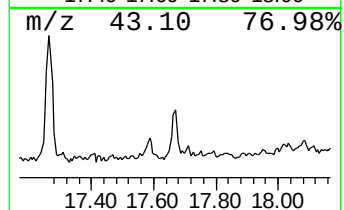
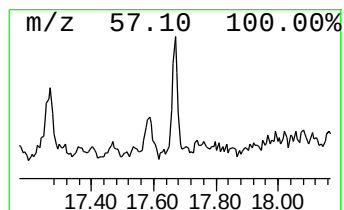
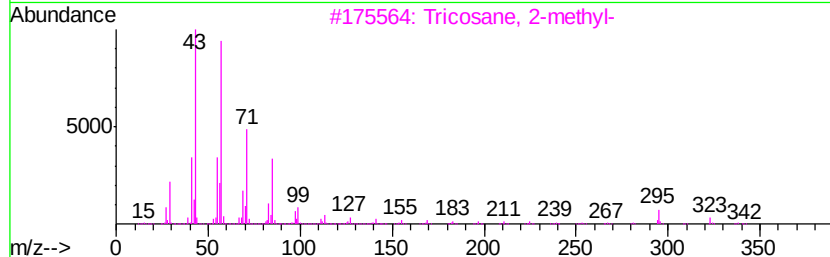
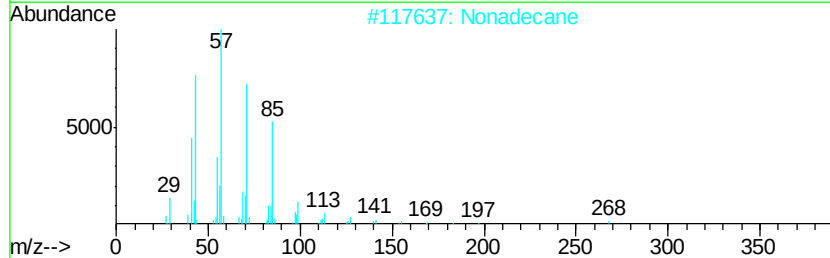
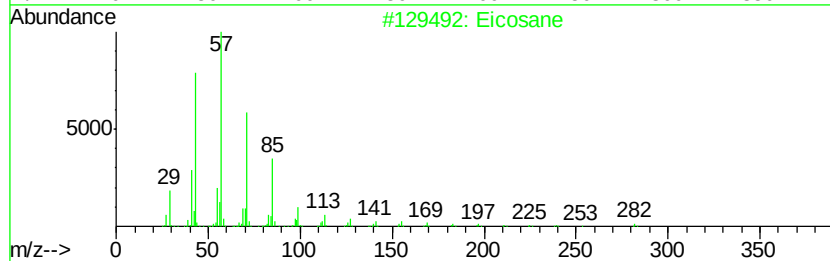
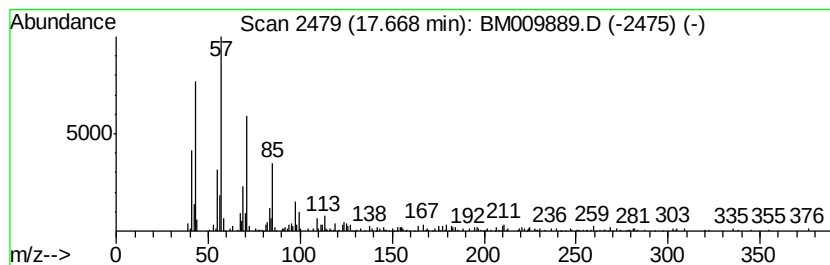
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.65 ng/ul	294039	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	92
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
5		3-Oxo-2-[(2-oxocyclohexyl)phenyl]...	344	C21H28O4	1000190-50-8	90



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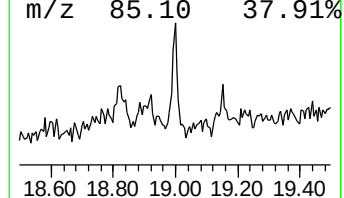
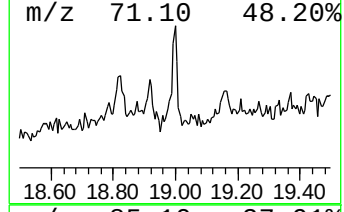
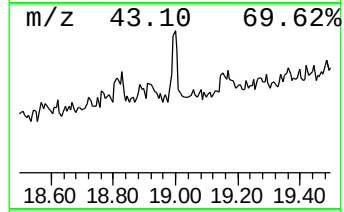
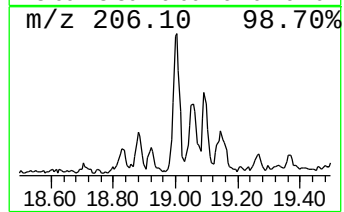
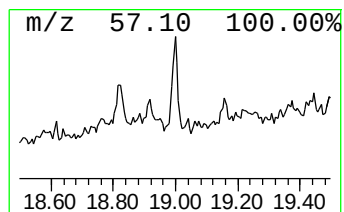
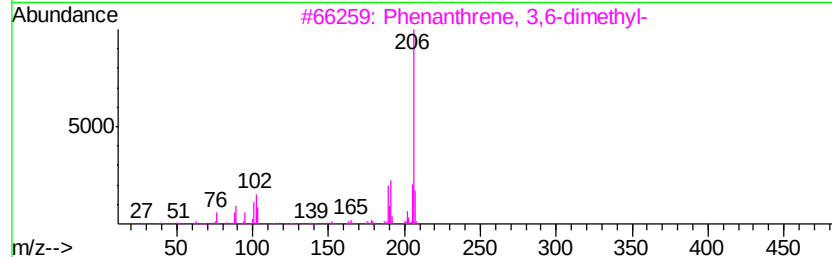
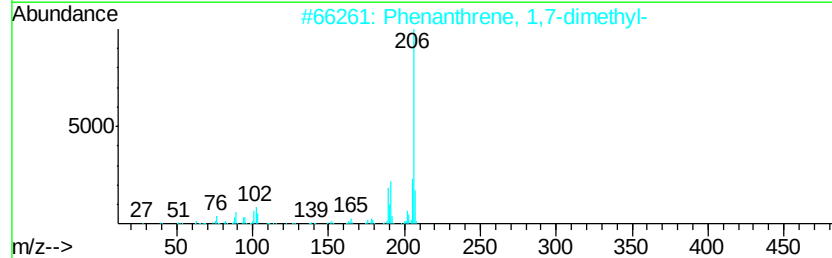
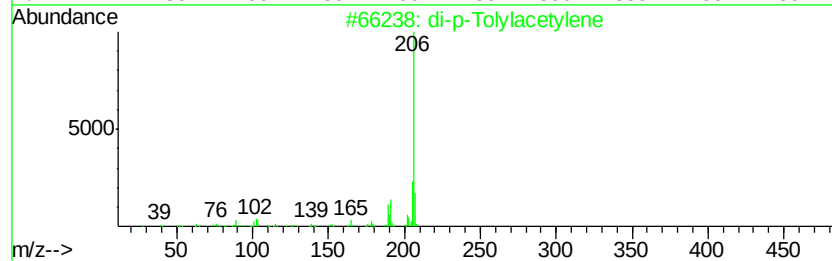
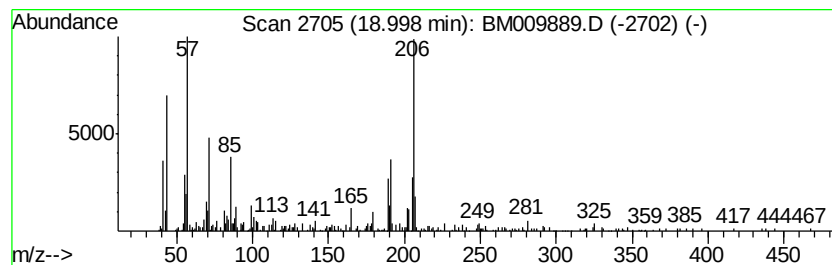
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 di-p-Tolylacetylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	3.31 ng/ul	367292	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009889.D
Acq On : 04 May 2017 15:09
Operator : SJ/MA
Sample : I2871-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB28

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	3.2	ng/ul	293808	3	14.46	1852080	20.0
(DEL) Alkane: Str...	16.16	10.7	ng/ul	1184320	4	17.21	2222600	20.0
(DEL) Alkane: Str...	16.93	2.0	ng/ul	225550	4	17.21	2222600	20.0
Bacchotricuneatin c	16.98	3.5	ng/ul	392679	4	17.21	2222600	20.0
(DEL) Alkane: Str...	17.67	2.6	ng/ul	294039	4	17.21	2222600	20.0
di-p-Tolylacetylene	19.00	3.3	ng/ul	367292	4	17.21	2222600	20.0