

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014932.D
 Acq On : 02 May 2018 20:55
 Operator : SJ/JU
 Sample : J2631-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

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-BM041918.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	3.334	4	8	16	rVB	3194348	4158093	33.55%	2.707%
2	3.640	55	60	70	rVB	165228	240300	1.94%	0.156%
3	5.481	366	373	382	rBV	234087	370130	2.99%	0.241%
4	6.499	541	546	556	rBV	99446	159330	1.29%	0.104%
5	7.616	729	736	753	rBV	2681464	4674383	37.72%	3.043%
6	7.798	760	767	779	rVB	2245983	3504349	28.27%	2.281%
7	8.010	796	803	812	rBV	2799361	4618768	37.27%	3.007%
8	8.493	877	885	902	rBV	1766619	2857558	23.06%	1.860%
9	9.192	996	1004	1014	rBV	3016984	4963465	40.05%	3.231%
10	9.675	1077	1086	1094	rBV	2669693	4529312	36.54%	2.948%
11	10.404	1202	1210	1222	rBV	2183733	3683231	29.72%	2.398%
12	10.939	1294	1301	1320	rBV	3113517	5463359	44.08%	3.556%
13	11.334	1361	1368	1376	rBV	2384209	4081067	32.93%	2.657%
14	11.463	1382	1390	1408	rBV	2826094	4964510	40.06%	3.232%
15	14.492	1895	1905	1909	rBV	5403235	7619423	61.48%	4.960%
16	14.533	1909	1912	1918	rVB	898347	1223341	9.87%	0.796%
17	14.798	1950	1957	1968	rBV2	6328743	9364510	75.56%	6.096%
18	14.951	1977	1983	1988	rBV	336336	426312	3.44%	0.278%
19	15.098	2001	2008	2015	rBV2	3248367	5027701	40.57%	3.273%
20	15.257	2026	2035	2049	rBV	2278068	3456814	27.89%	2.250%
21	15.886	2138	2142	2147	rVB	484900	597797	4.82%	0.389%
22	16.074	2167	2174	2181	rBV	7460852	11078098	89.38%	7.211%
23	16.180	2186	2192	2201	rBV	2283616	3269086	26.38%	2.128%
24	16.286	2203	2210	2213	rBV	111618	240542	1.94%	0.157%
25	16.739	2282	2287	2298	rBV	435516	668193	5.39%	0.435%
26	17.521	2415	2420	2424	rBV	195745	233734	1.89%	0.152%
27	17.810	2463	2469	2474	rBV2	3854671	5564138	44.89%	3.622%
28	17.851	2474	2476	2480	rVV	198125	262833	2.12%	0.171%
29	17.910	2480	2486	2499	rVB	7957459	11317341	91.31%	7.367%
30	18.586	2597	2601	2605	rBV	102481	135406	1.09%	0.088%
31	18.645	2605	2611	2621	rBV	2402970	3260490	26.31%	2.122%
32	19.745	2794	2798	2800	rBV2	106222	144884	1.17%	0.094%
33	19.786	2800	2805	2807	rVV2	131972	247443	2.00%	0.161%
34	19.815	2807	2810	2816	rVB	416671	568133	4.58%	0.370%

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35	19.880	2816	2821	2831	rBV	1054824	1486201	11.99%	0.967%
36	20.039	2845	2848	2854	rVB	101973	128114	1.03%	0.083%
37	20.151	2861	2867	2878	rVB	8756477	12393894	100.00%	8.068%
38	21.556	3102	3106	3115	rBV	2501566	3315494	26.75%	2.158%
39	21.768	3138	3142	3149	rBV	786206	897705	7.24%	0.584%
40	21.898	3159	3164	3169	rBV	3712041	5240667	42.28%	3.411%
41	23.544	3441	3444	3449	rVB	314600	432687	3.49%	0.282%
42	23.603	3450	3454	3463	rVV3	467554	949062	7.66%	0.618%
43	24.221	3552	3559	3572	rVB	4957062	10163792	82.01%	6.616%
44	24.380	3579	3586	3600	rVB2	2199380	4665147	37.64%	3.037%
45	25.015	3690	3694	3708	rVB3	385949	978168	7.89%	0.637%

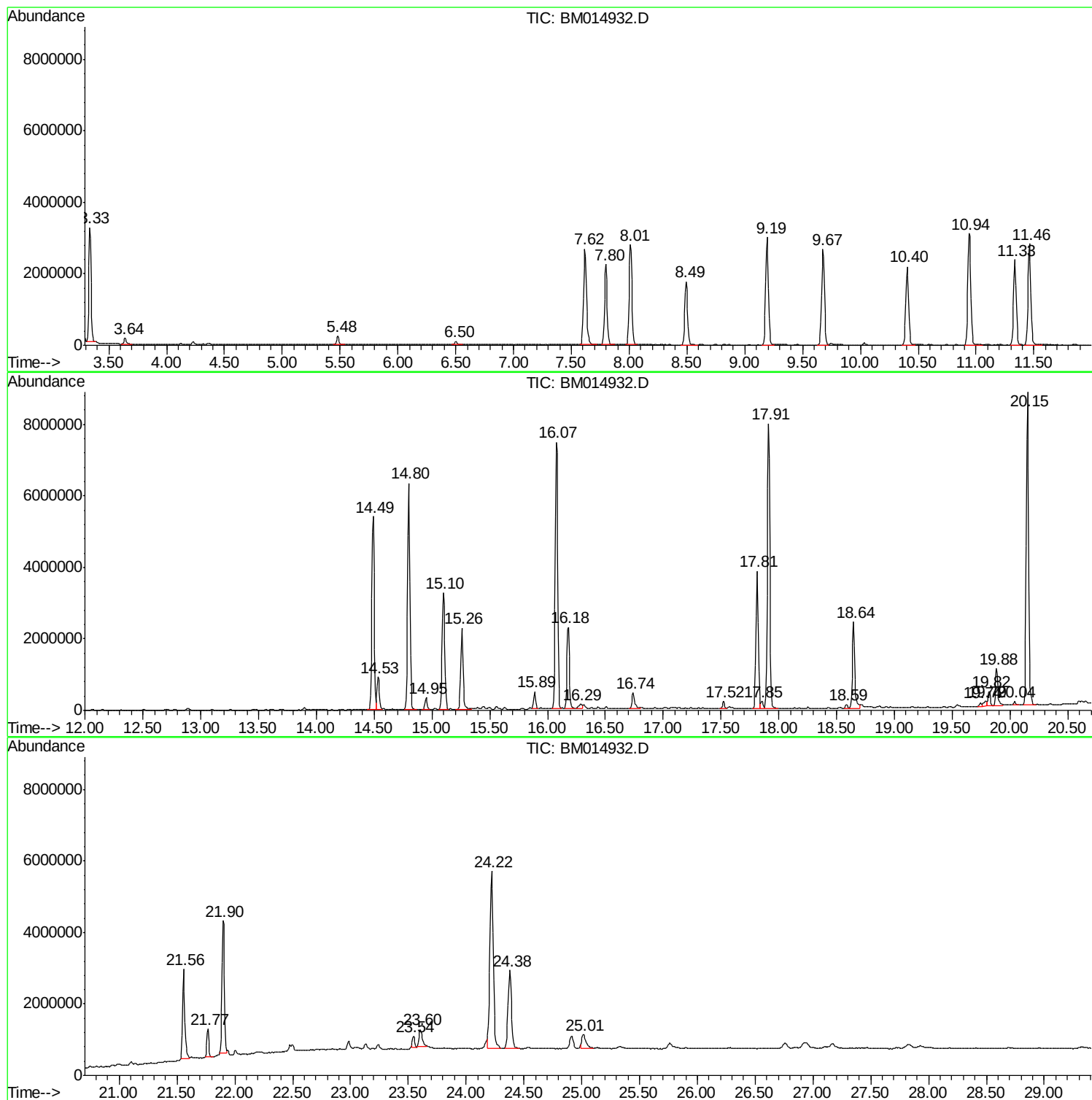
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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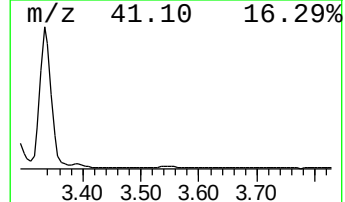
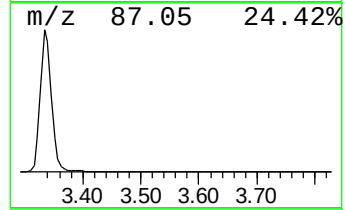
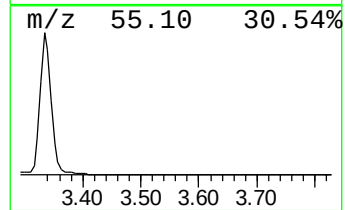
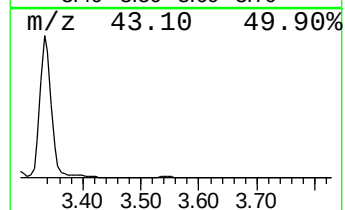
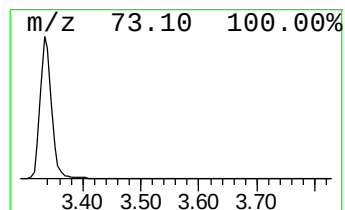
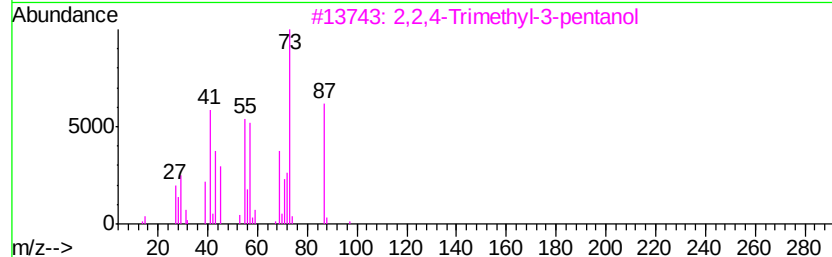
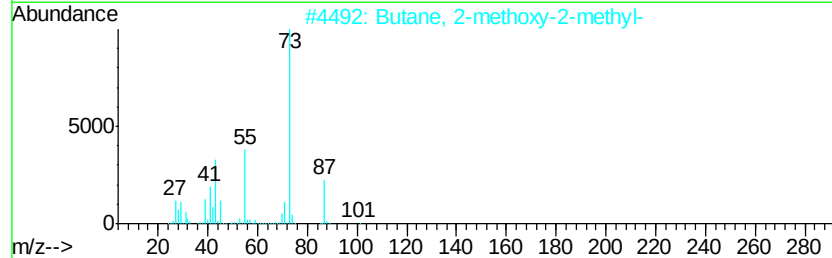
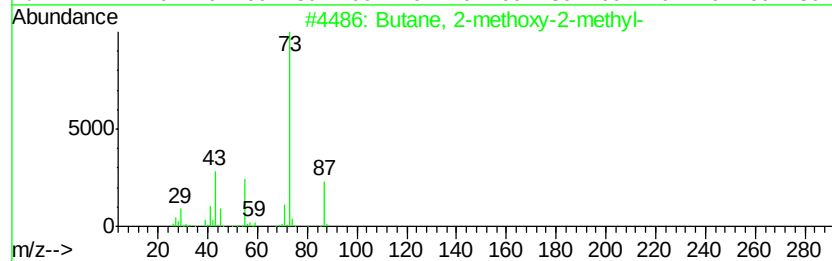
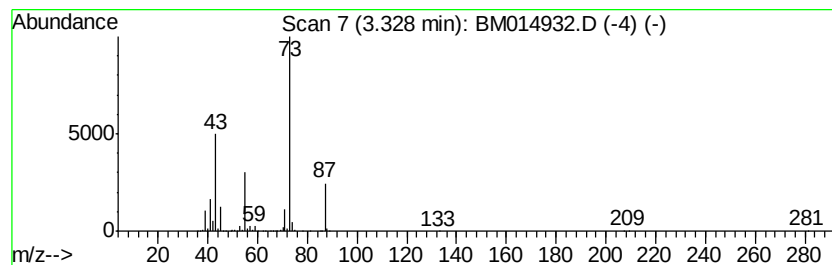
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	29.10 ng/ul	4158090	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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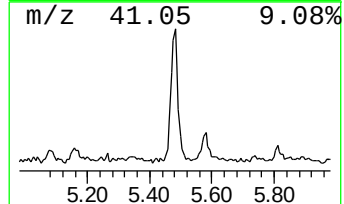
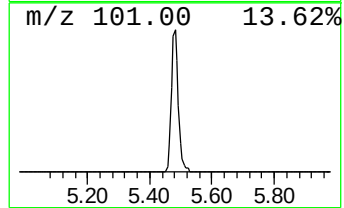
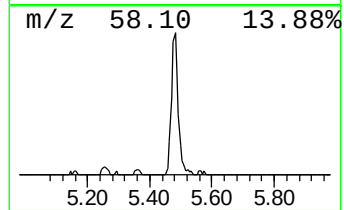
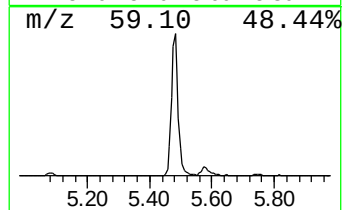
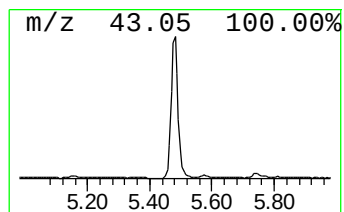
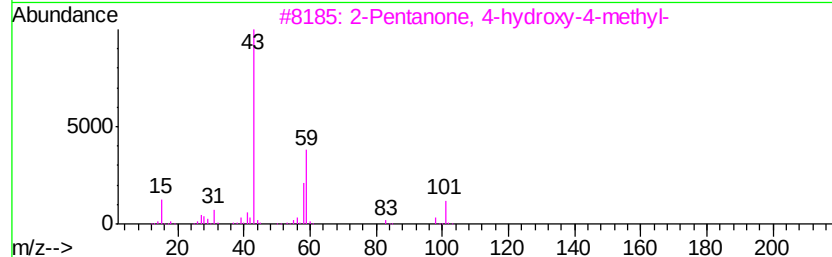
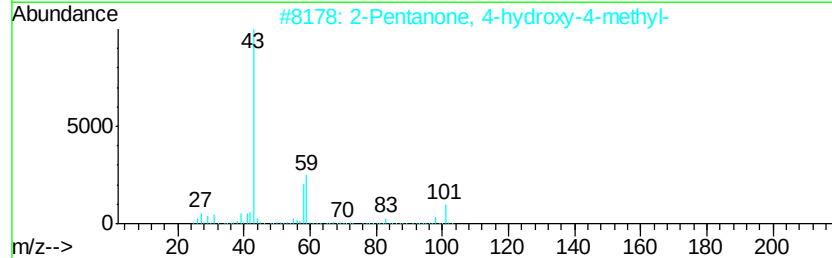
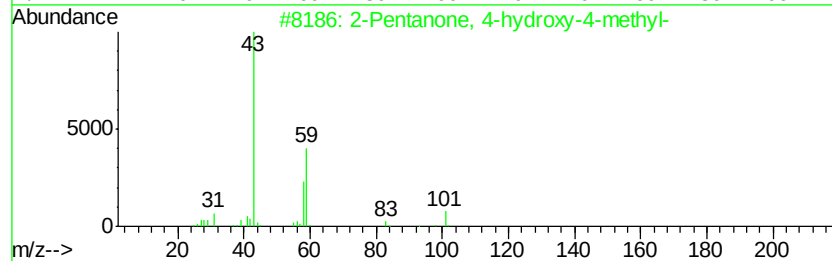
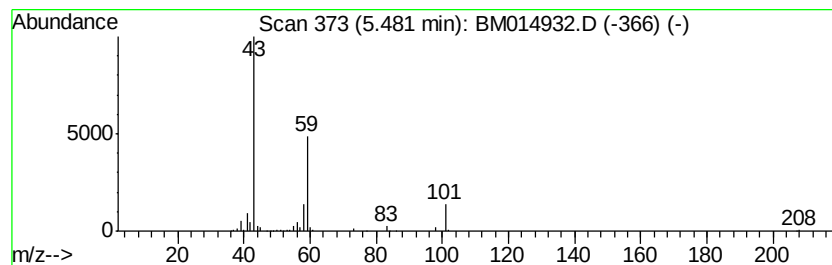
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.59 ng/ul	370130	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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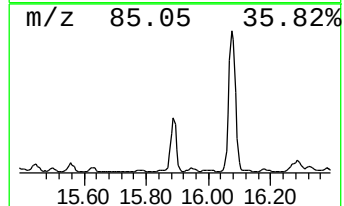
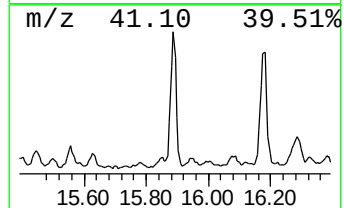
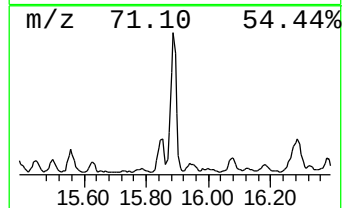
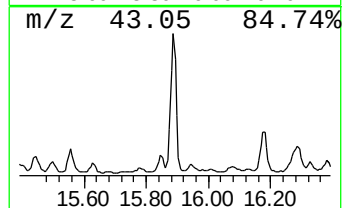
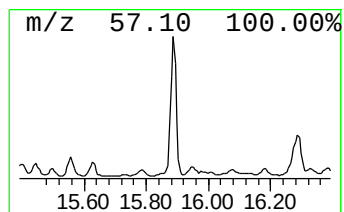
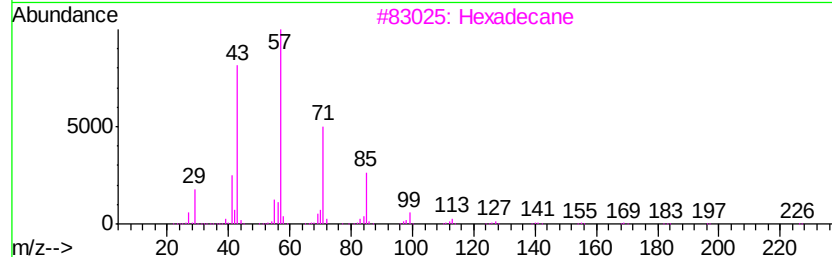
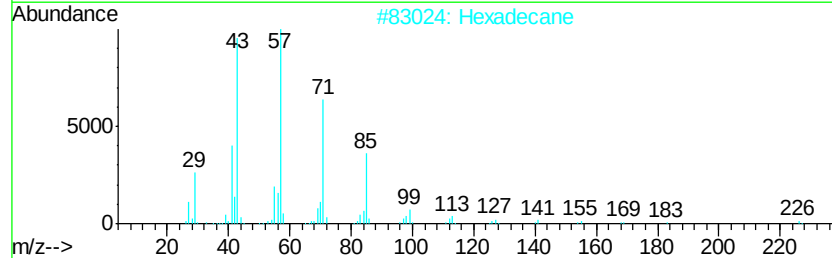
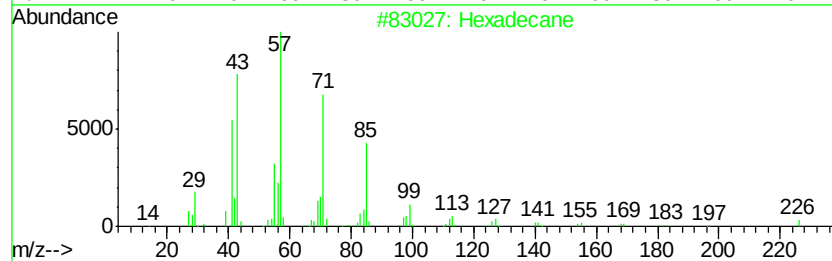
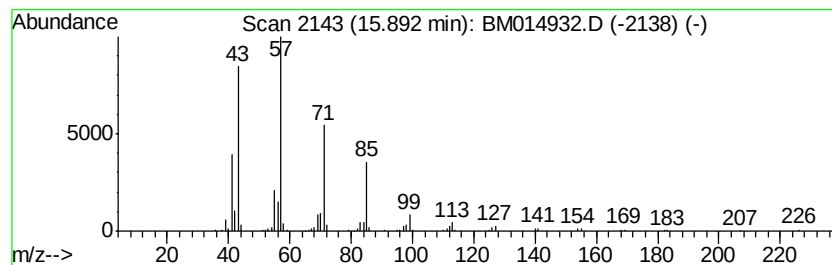
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.38 ng/ul	597797	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	90



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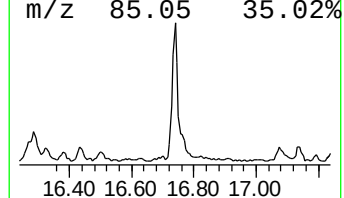
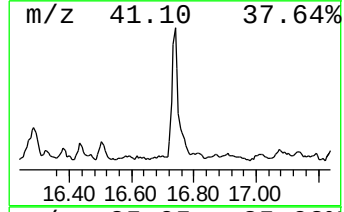
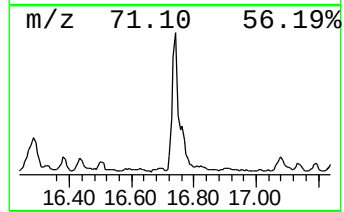
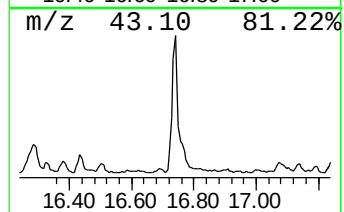
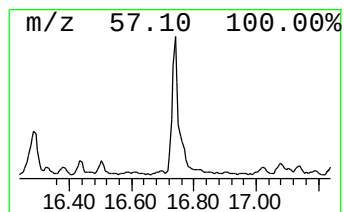
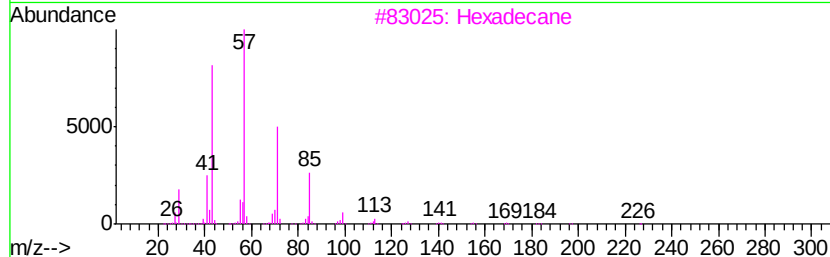
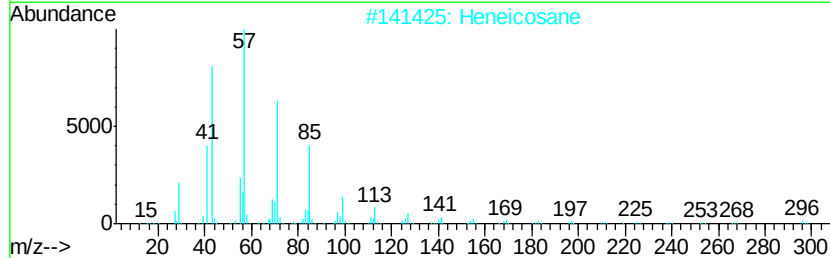
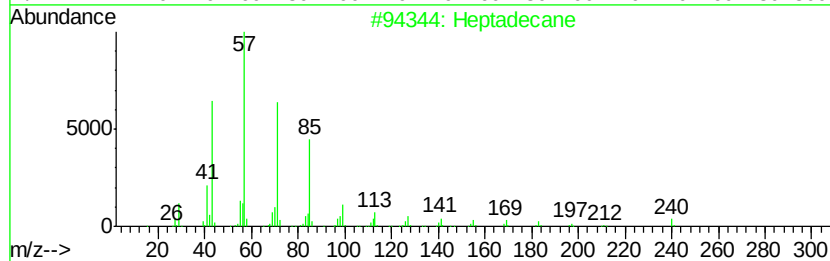
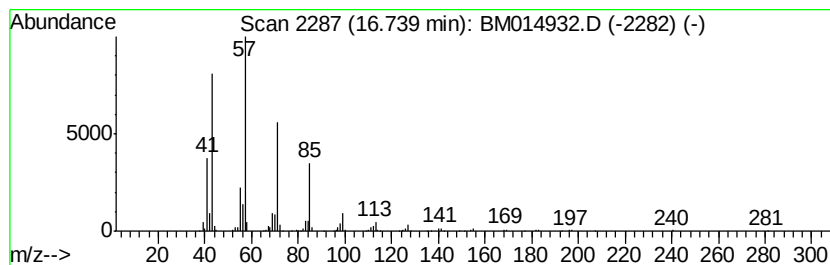
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.40 ng/ul	668193	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heptadecane	240	C17H36	000629-78-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



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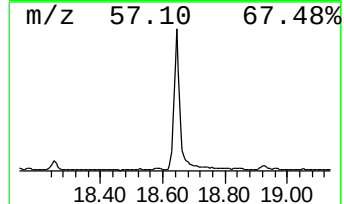
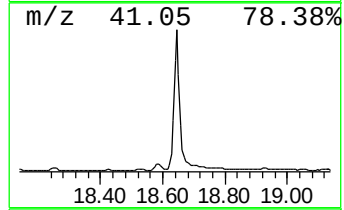
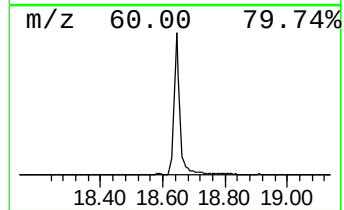
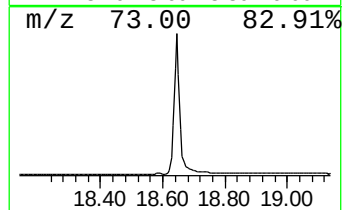
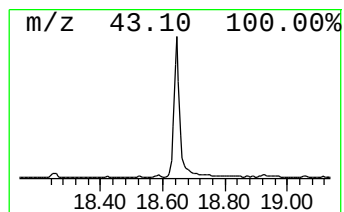
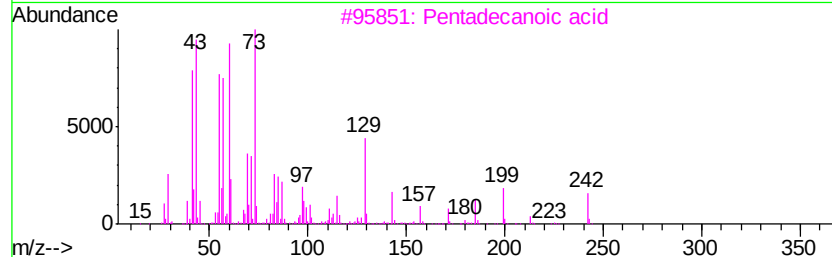
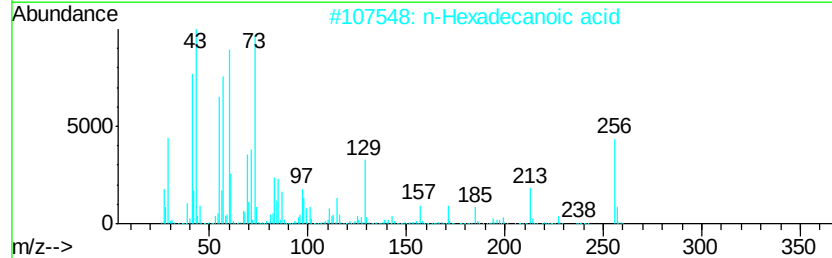
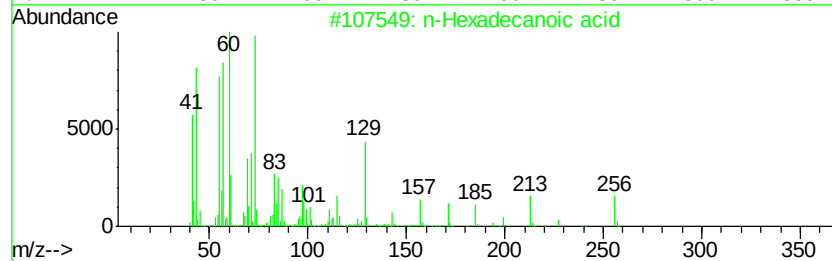
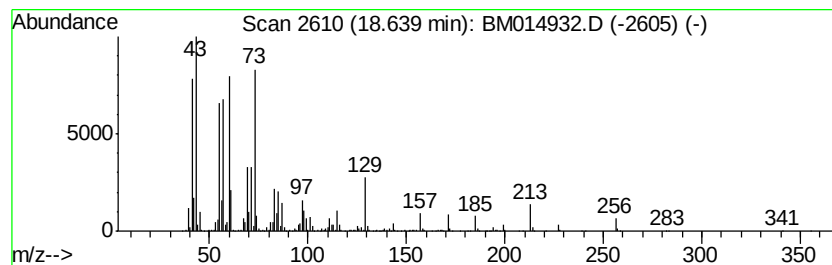
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	11.72 ng/ul	3260490	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014932.D
Acq On : 02 May 2018 20:55
Operator : SJ/JU
Sample : J2631-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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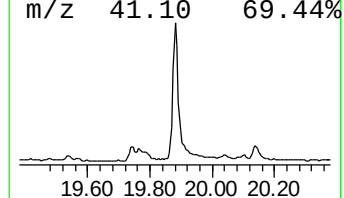
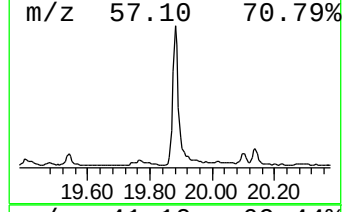
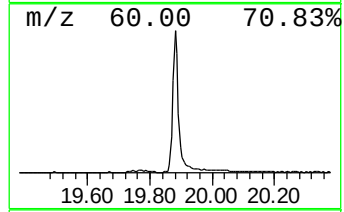
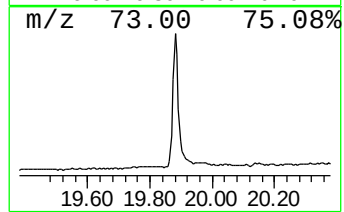
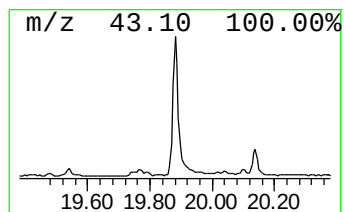
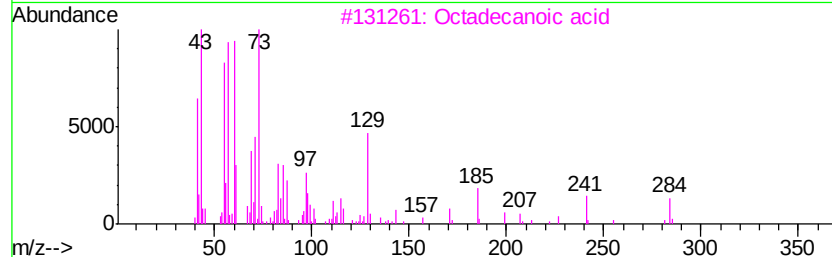
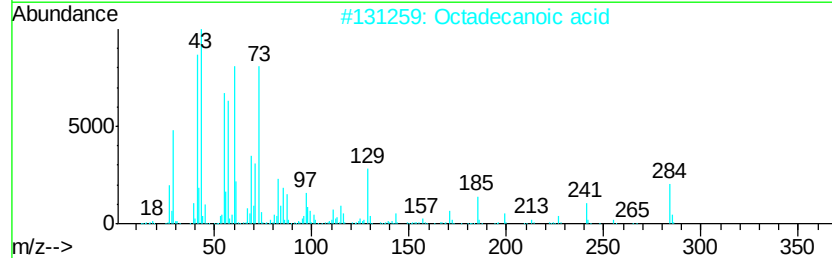
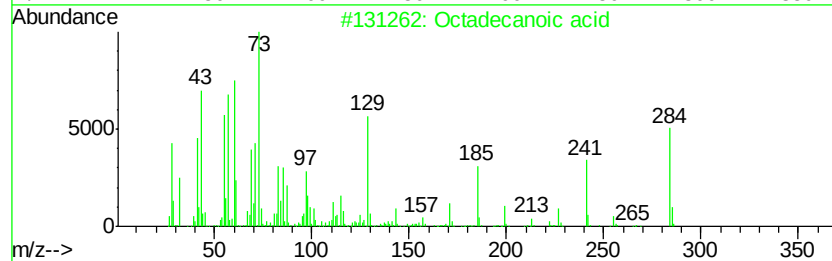
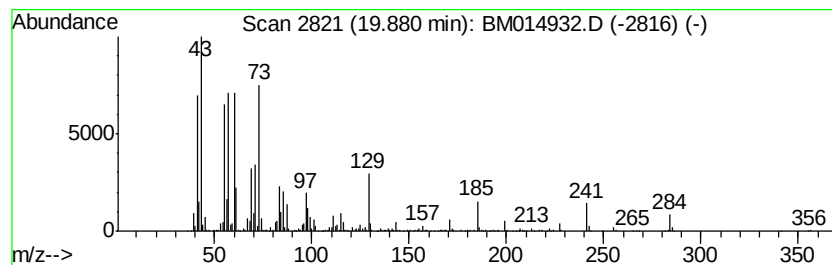
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	5.67 ng/ul	1486200	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91	



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Sample : J2631-13
Misc :
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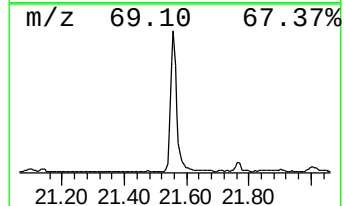
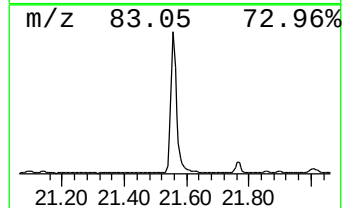
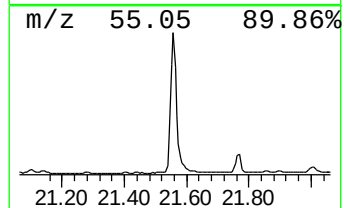
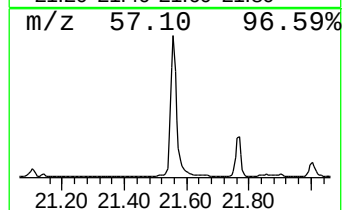
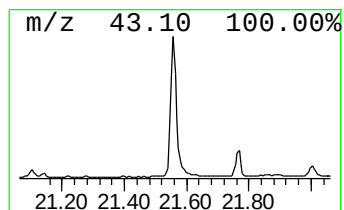
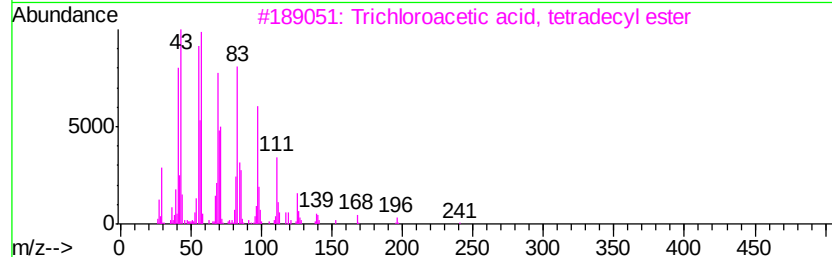
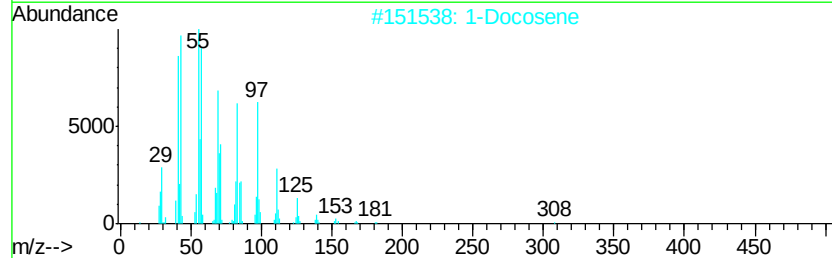
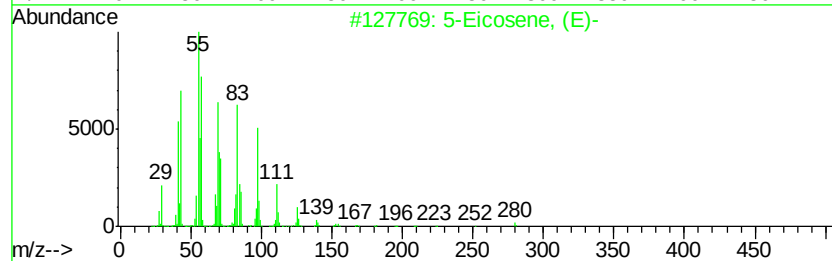
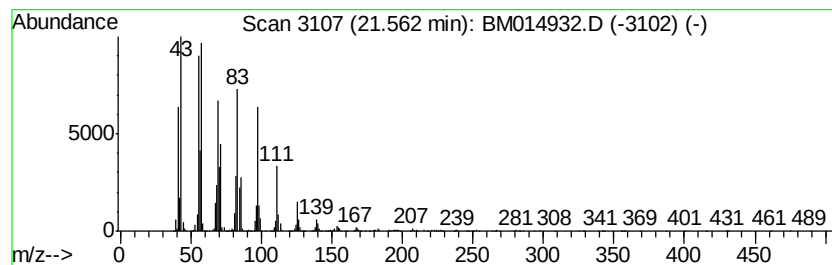
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	12.65 ng/ul	3315490	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 98
2	1-Docosene		308 C22H44	001599-67-3 95
3	Trichloroacetic acid, tetradecyl...		358 C16H29Cl3O2	074339-52-9 94
4	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
5	Heptadecyl trifluoroacetate		352 C19H35F3O2	1000351-87-0 94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014932.D
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Operator : SJ/JU
Sample : J2631-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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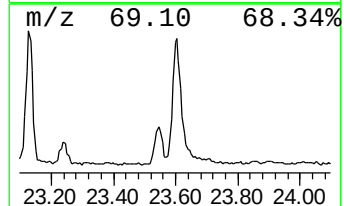
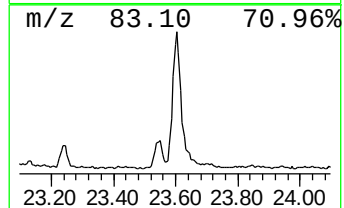
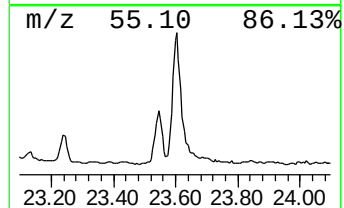
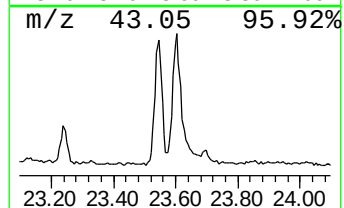
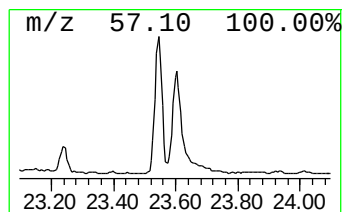
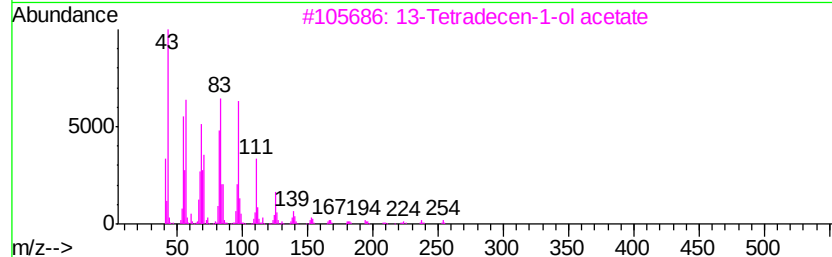
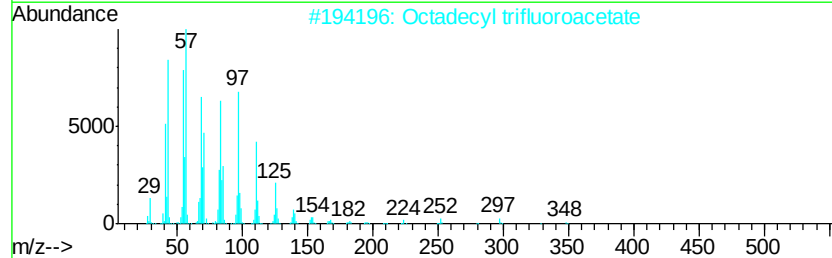
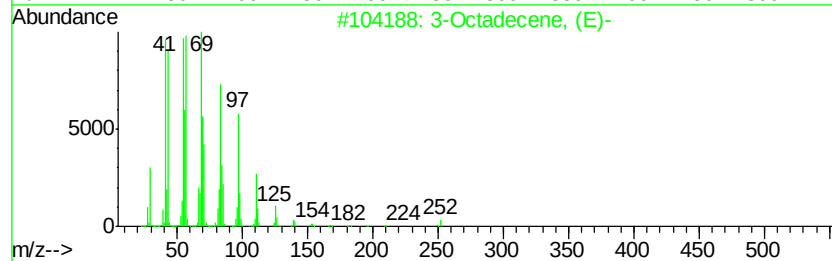
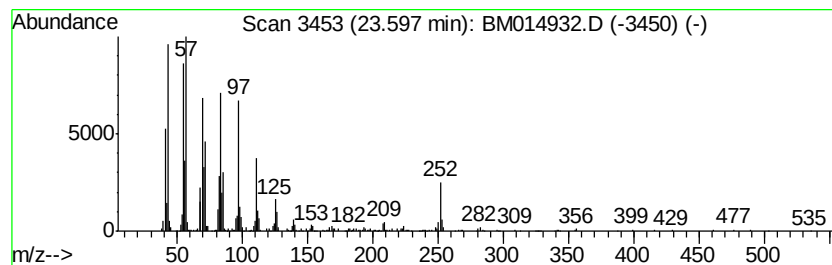
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic23.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.07 ng/ul	949062	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
3		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Operator : SJ/JU
Sample : J2631-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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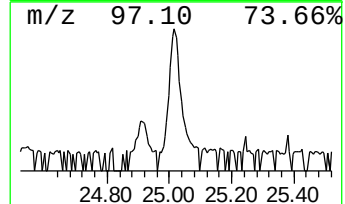
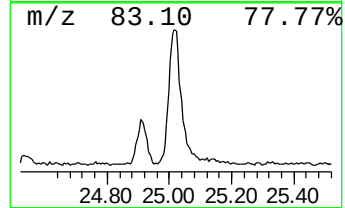
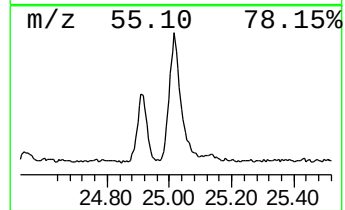
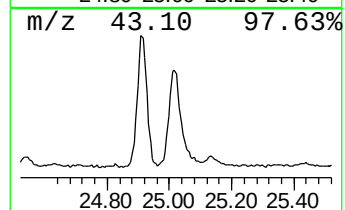
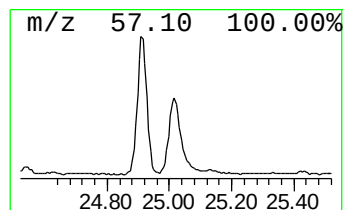
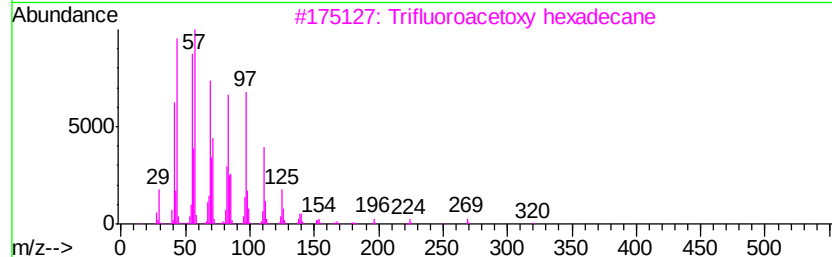
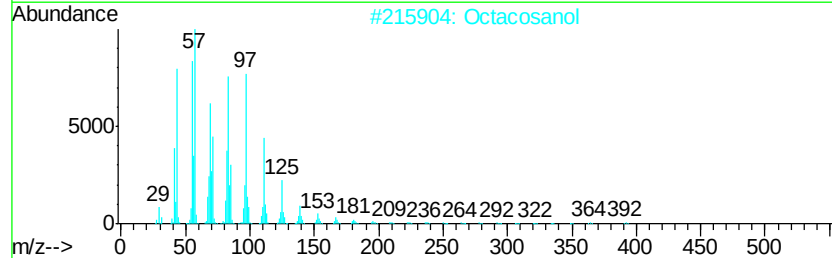
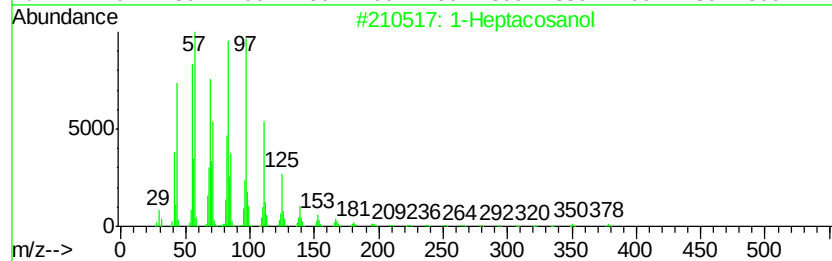
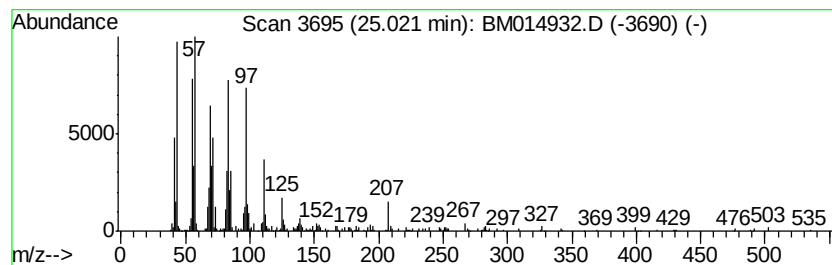
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	4.19 ng/ul	978168	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		Octacosanol	410	C28H58O	000557-61-9	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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Data File : BM014932.D
Acq On : 02 May 2018 20:55
Operator : SJ/JU
Sample : J2631-13
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-BM041918.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
Butane, 2-methoxy...	3.33	29.1	ng/ul	4158090	1	8.49	2857560	20.0
2-Pentanone, 4-hy...	5.48	2.6	ng/ul	370130	1	8.49	2857560	20.0
(DEL) Alkane: Str...	15.89	2.4	ng/ul	597797	3	15.10	5027700	20.0
(DEL) Alkane: Str...	16.74	2.4	ng/ul	668193	4	17.81	5564140	20.0
n-Hexadecanoic acid	18.64	11.7	ng/ul	3260490	4	17.81	5564140	20.0
Octadecanoic acid	19.88	5.7	ng/ul	1486200	5	21.90	5240670	20.0
(DEL) Alkane: Cyc...	21.56	12.7	ng/ul	3315490	5	21.90	5240670	20.0
(DEL) Alkane: Cyc...	23.60	4.1	ng/ul	949062	6	24.38	4665150	20.0
1-Heptacosanol	25.02	4.2	ng/ul	978168	6	24.38	4665150	20.0