

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014930.D
 Acq On : 02 May 2018 19:40
 Operator : SJ/JU
 Sample : J2631-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

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	3114989	4065375	46.50%	3.477%
2	3.640	56	60	69	rVB	138363	194664	2.23%	0.166%
3	5.481	366	373	382	rBV	154574	248649	2.84%	0.213%
4	6.504	542	547	561	rVB	71404	119541	1.37%	0.102%
5	7.616	729	736	754	rBV	2205644	3745218	42.84%	3.203%
6	7.798	760	767	780	rBV	1765412	2898548	33.15%	2.479%
7	8.010	796	803	812	rBV	2256640	3662553	41.89%	3.133%
8	8.492	878	885	899	rVB	1539223	2518611	28.81%	2.154%
9	9.192	997	1004	1015	rBV	2416008	3989365	45.63%	3.412%
10	9.675	1078	1086	1095	rBV	2104585	3540546	40.50%	3.028%
11	10.404	1203	1210	1222	rBV	1709484	2821943	32.28%	2.414%
12	10.939	1293	1301	1318	rBV	2403004	4243637	48.54%	3.630%
13	11.333	1360	1368	1378	rBV	1967860	3457106	39.54%	2.957%
14	11.463	1382	1390	1403	rBV	2150816	3789382	43.34%	3.241%
15	12.469	1556	1561	1567	rBV	86311	138569	1.58%	0.119%
16	14.492	1895	1905	1909	rBV	3867473	5542964	63.40%	4.741%
17	14.533	1909	1912	1918	rVB	510386	725825	8.30%	0.621%
18	14.798	1950	1957	1968	rBV	4740021	6928332	79.25%	5.926%
19	14.945	1975	1982	1990	rVB2	275058	540628	6.18%	0.462%
20	15.098	2002	2008	2016	rBV2	2625087	3991832	45.66%	3.414%
21	15.257	2029	2035	2051	rBV	1630154	2434183	27.84%	2.082%
22	15.886	2138	2142	2148	rVB	327750	398850	4.56%	0.341%
23	16.074	2167	2174	2181	rBV	5591093	8076760	92.38%	6.908%
24	16.180	2185	2192	2203	rBV	1548030	2235447	25.57%	1.912%
25	16.292	2203	2211	2213	rBV	73672	164462	1.88%	0.141%
26	16.739	2282	2287	2295	rBV	286751	441989	5.06%	0.378%
27	17.521	2416	2420	2424	rBV	128878	145348	1.66%	0.124%
28	17.809	2463	2469	2475	rBV2	2841305	4211873	48.17%	3.602%
29	17.909	2480	2486	2499	rVV2	5495263	8011071	91.63%	6.852%
30	18.645	2605	2611	2621	rBV	1216273	1744341	19.95%	1.492%
31	19.745	2793	2798	2800	rBV	84722	123714	1.42%	0.106%
32	19.821	2808	2811	2815	rVB	78603	107723	1.23%	0.092%
33	19.880	2817	2821	2832	rBV	622671	903038	10.33%	0.772%
34	20.039	2845	2848	2853	rVB	67262	94726	1.08%	0.081%

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35	20.150	2861	2867	2877	rVB	6418095	8742873	100.00%	7.478%
36	21.556	3102	3106	3121	rBV	1667360	2321898	26.56%	1.986%
37	21.768	3138	3142	3147	rBV	557302	624687	7.15%	0.534%
38	21.903	3159	3165	3170	rBV	3213123	4401763	50.35%	3.765%
39	22.474	3259	3262	3271	rBV2	234345	409430	4.68%	0.350%
40	23.544	3441	3444	3450	rVB	289512	407396	4.66%	0.348%
41	24.221	3552	3559	3575	rVB	4327392	8738500	99.95%	7.474%
42	24.380	3579	3586	3595	rVB	1972337	4220137	48.27%	3.609%
43	25.015	3690	3694	3708	rVB2	318500	795390	9.10%	0.680%

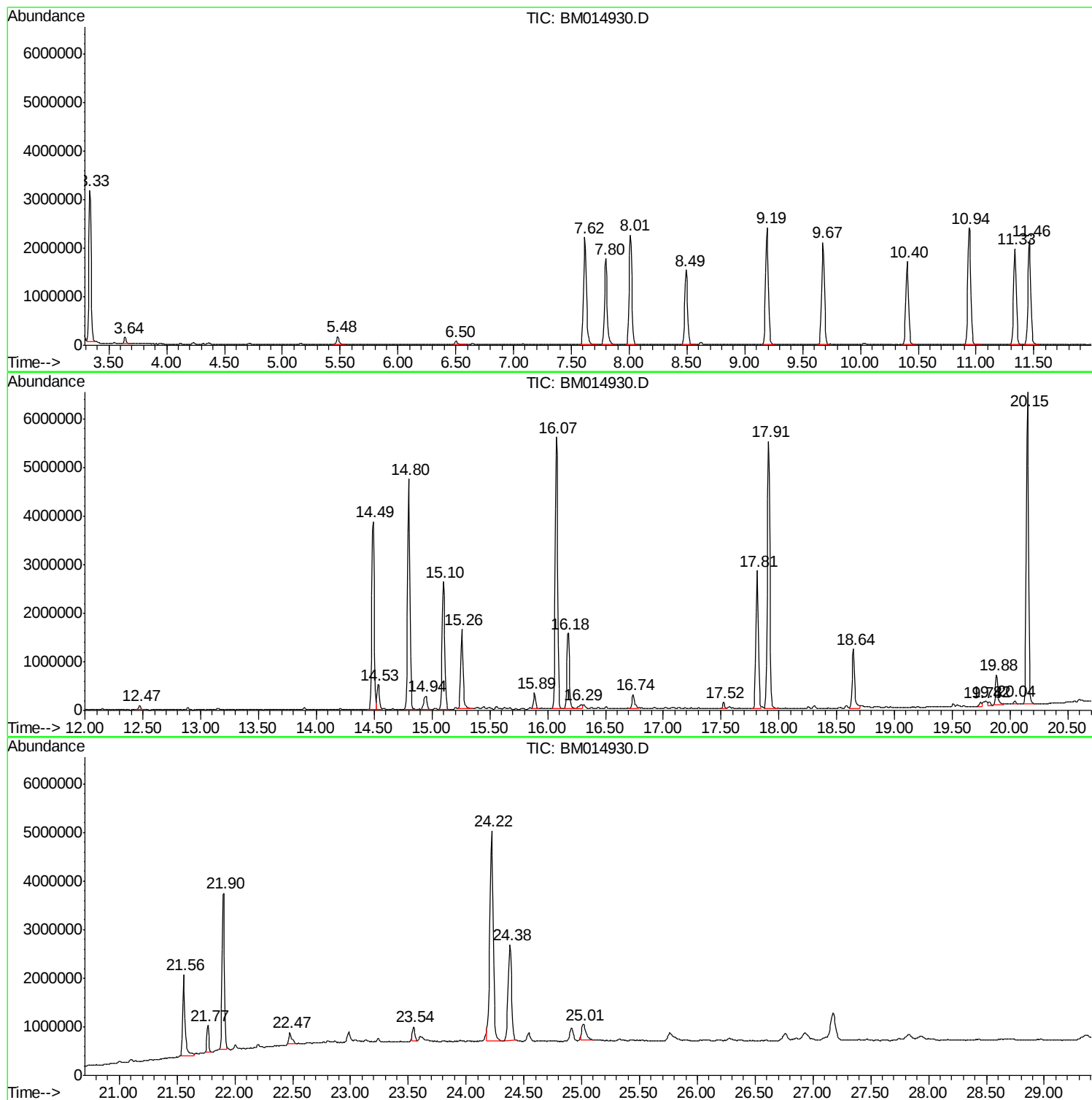
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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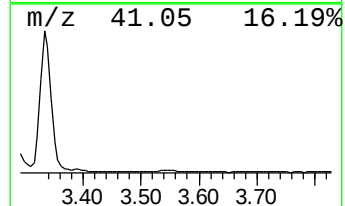
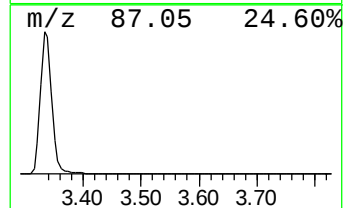
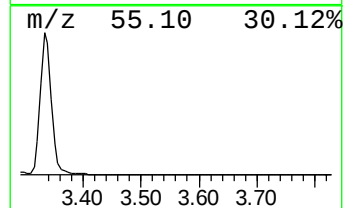
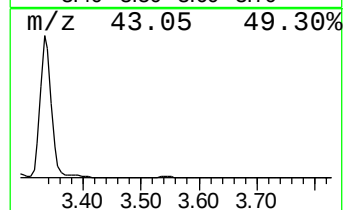
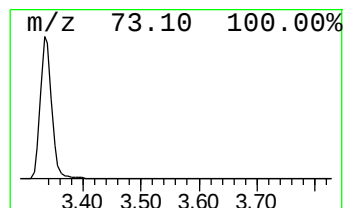
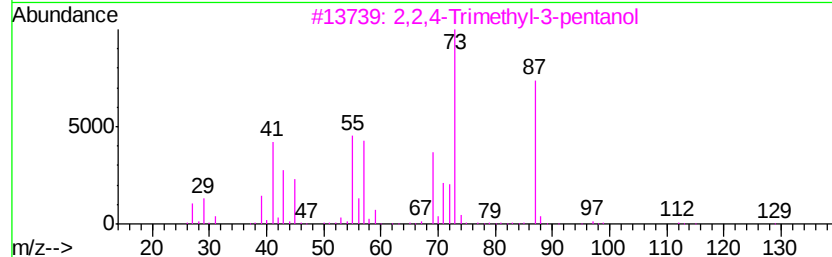
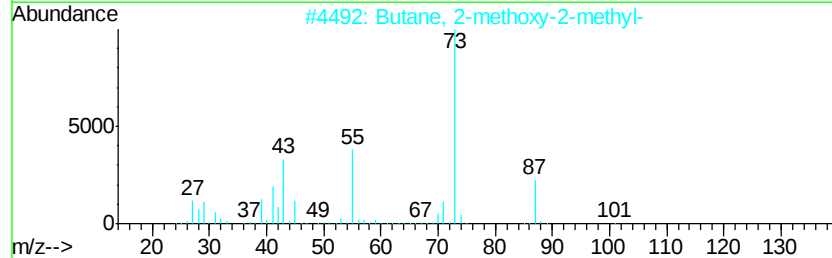
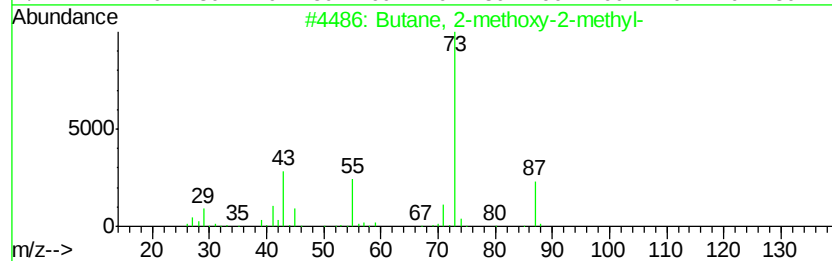
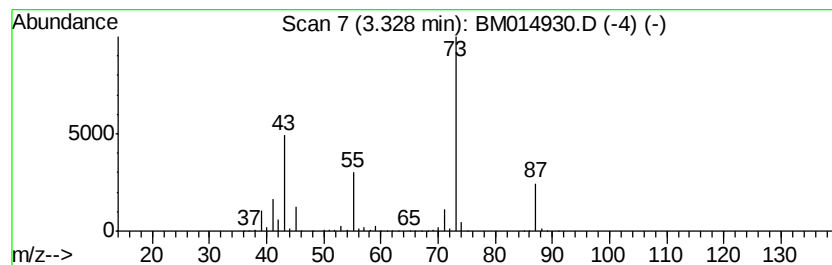
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	32.28 ng/ul	4065380	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	64
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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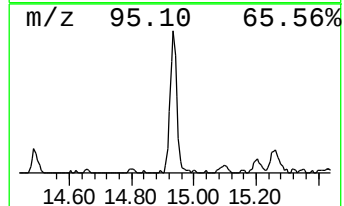
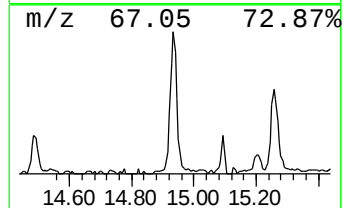
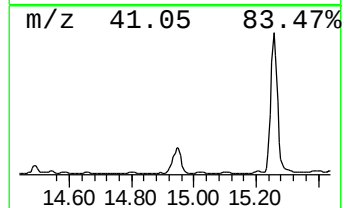
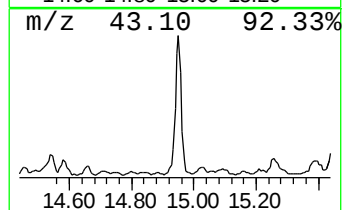
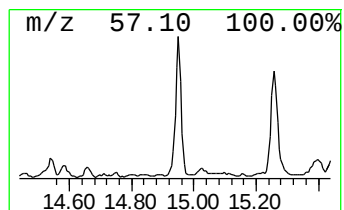
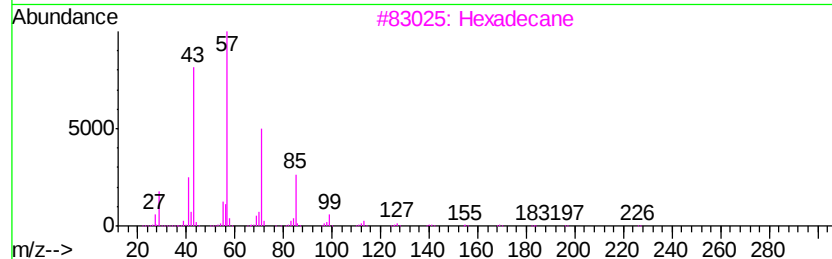
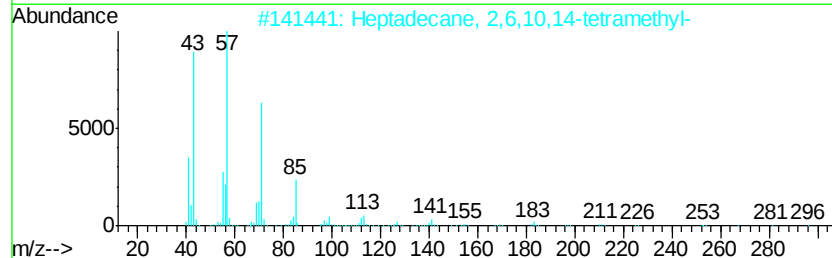
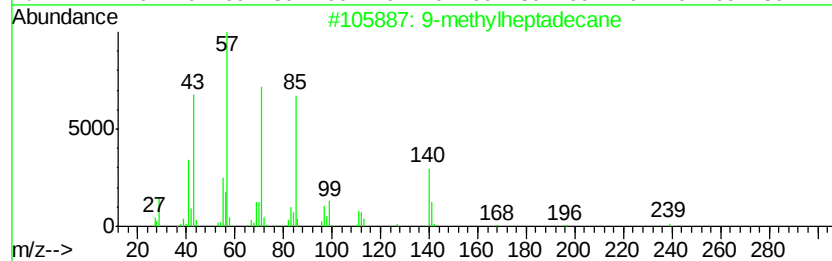
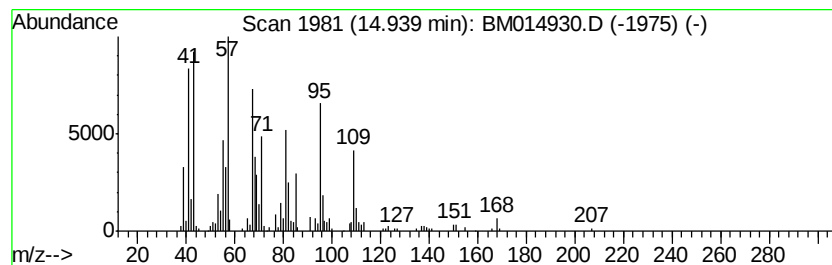
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.71 ng/ul	540628	Acenaphthene-d10	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-methylheptadecane	254	C18H38	026741-18-4	50
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
3		Hexadecane	226	C16H34	000544-76-3	49
4		Tetradecane	198	C14H30	000629-59-4	49
5		Tridecane	184	C13H28	000629-50-5	49



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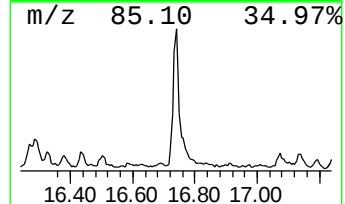
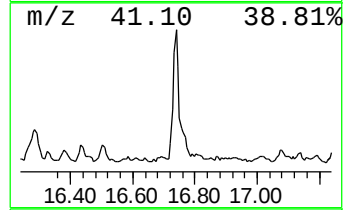
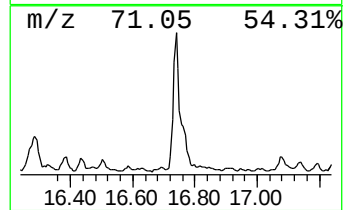
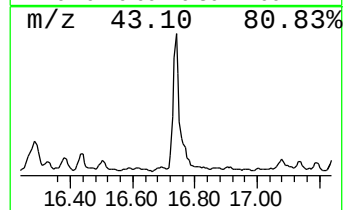
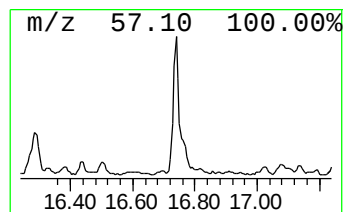
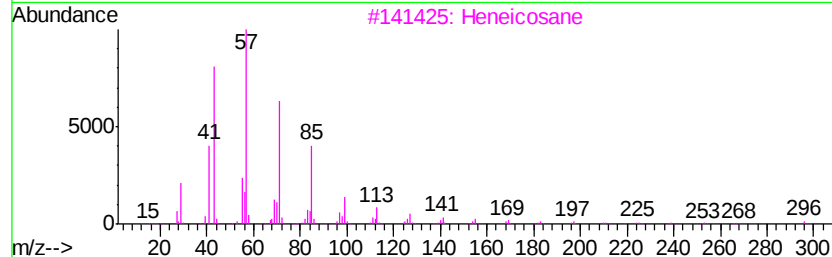
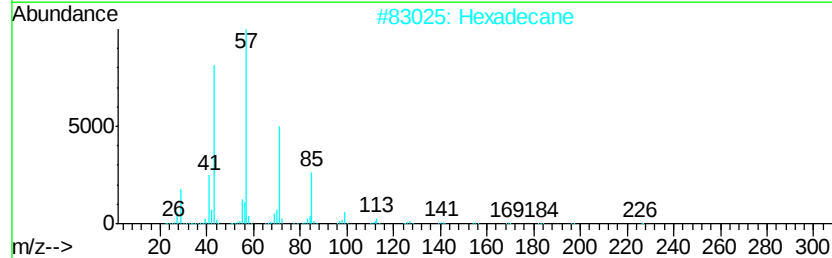
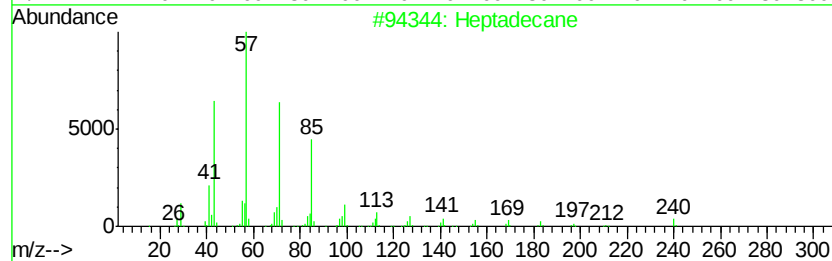
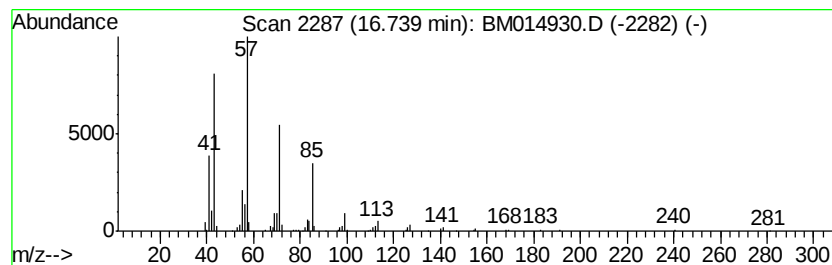
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.10 ng/ul	441989	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tridecane	184	C13H28	000629-50-5	86



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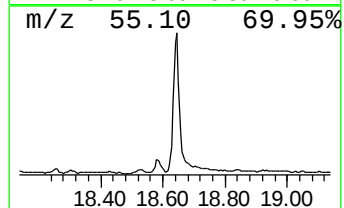
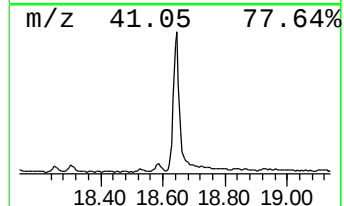
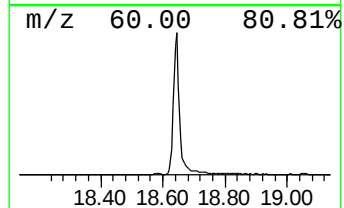
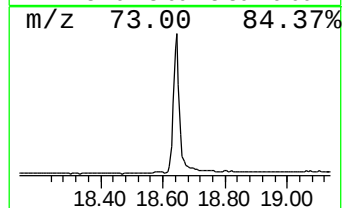
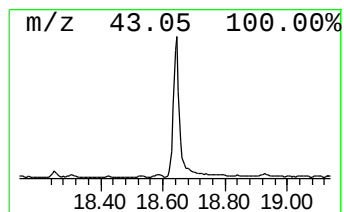
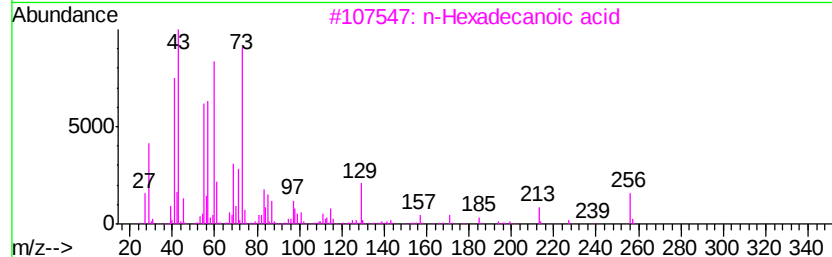
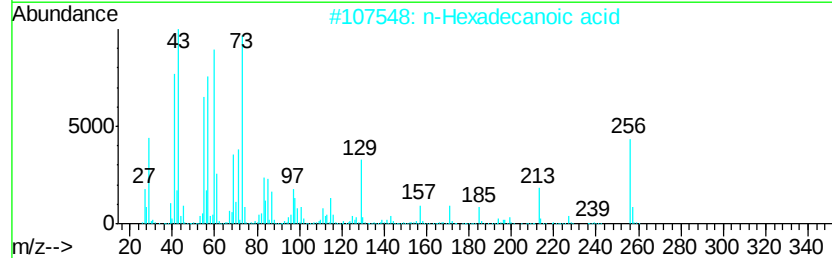
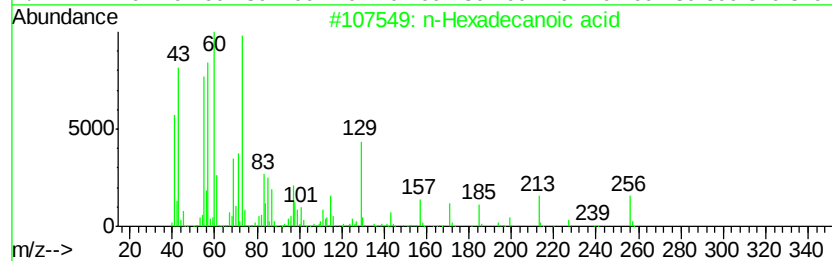
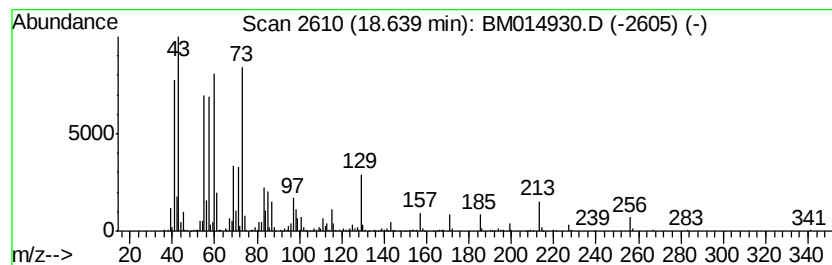
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.28 ng/ul	1744340	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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87	



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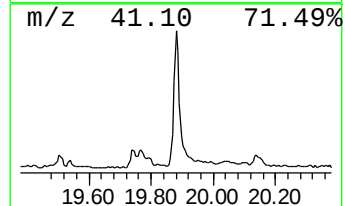
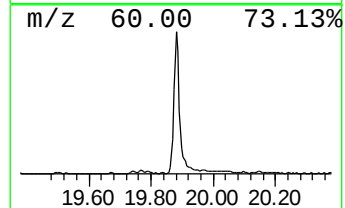
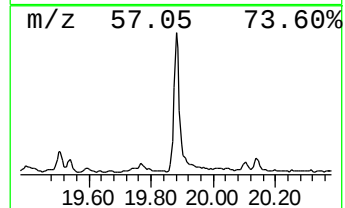
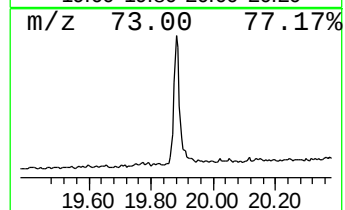
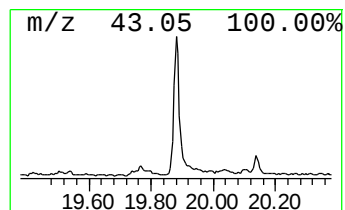
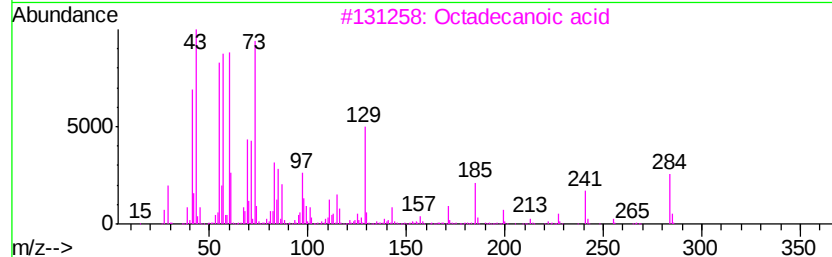
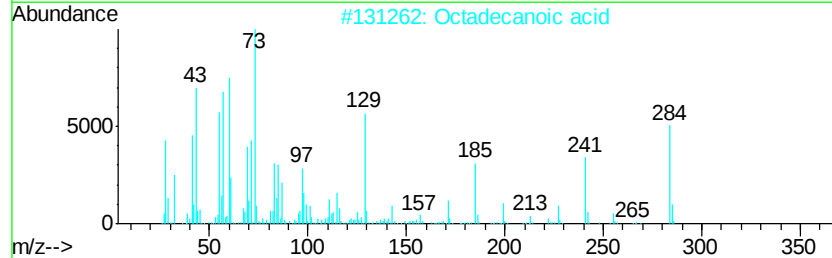
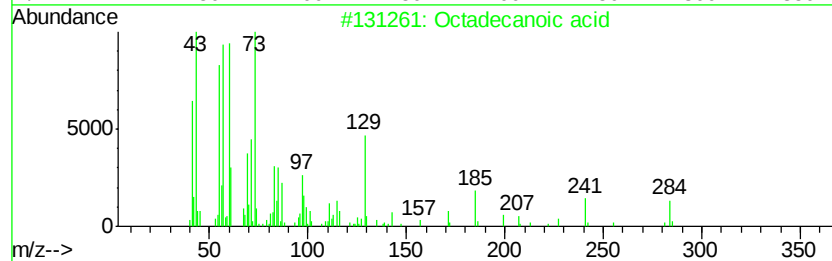
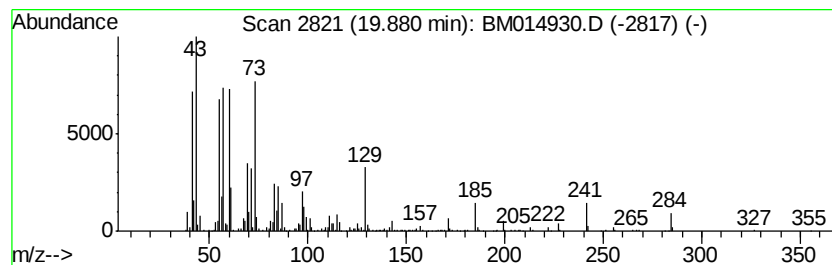
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.10 ng/ul	903038	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	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014930.D
Acq On : 02 May 2018 19:40
Operator : SJ/JU
Sample : J2631-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6

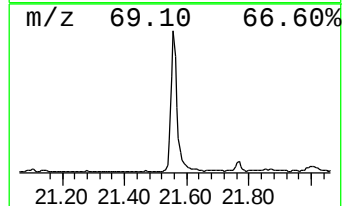
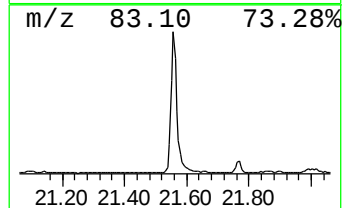
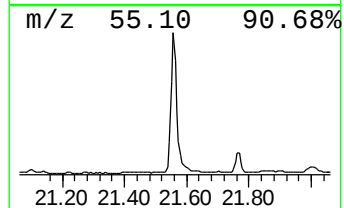
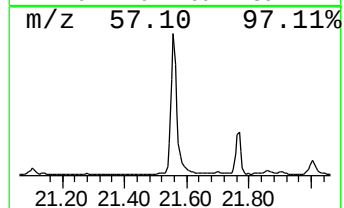
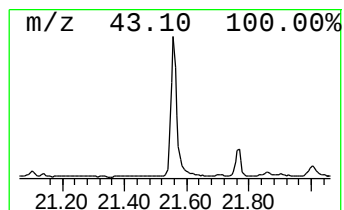
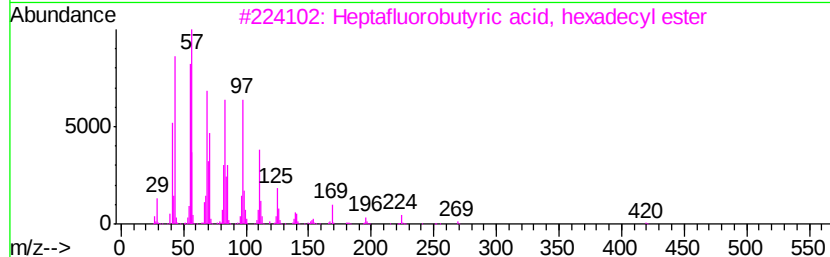
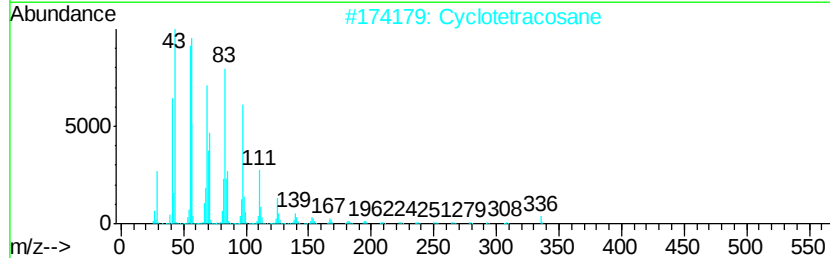
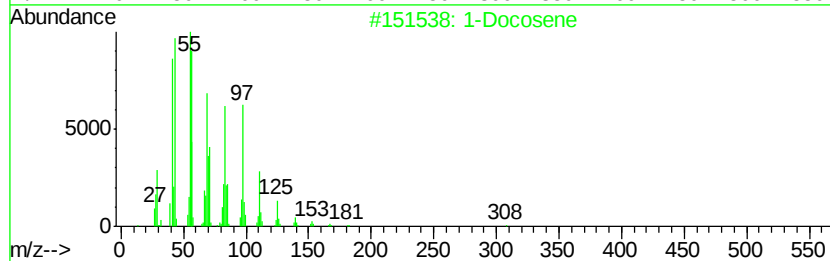
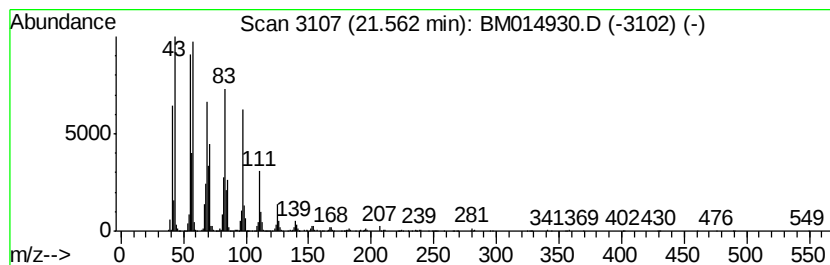
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.55 ng/ul	2321900	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	95
2	Cyclotetracosane		336	C24H48	000297-03-0	95
3	Heptafluorobutyric acid, hexadec...		438	C20H33F7O2	006385-15-5	94
4	Heptadecyl trifluoroacetate		352	C19H35F3O2	1000351-87-0	94
5	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014930.D
Acq On : 02 May 2018 19:40
Operator : SJ/JU
Sample : J2631-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

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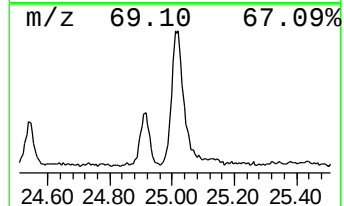
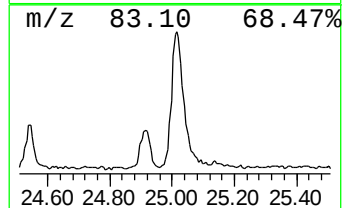
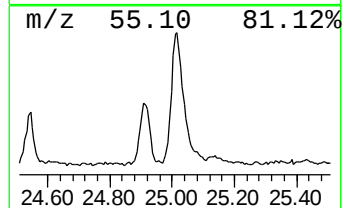
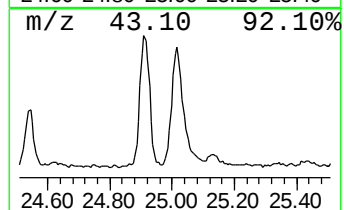
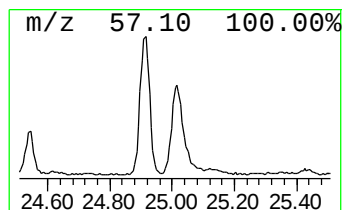
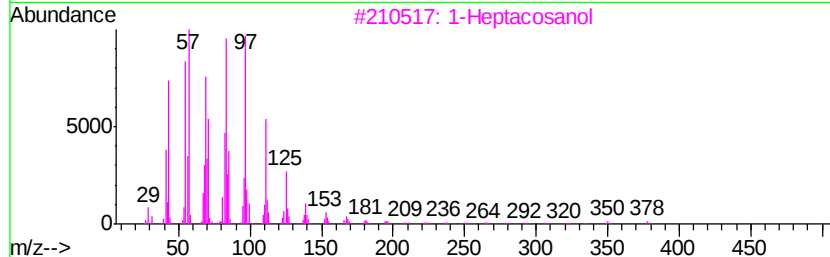
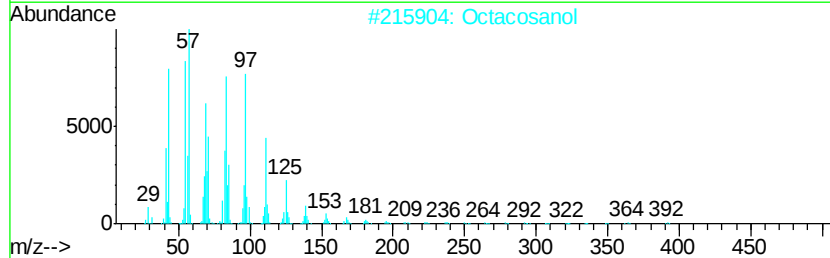
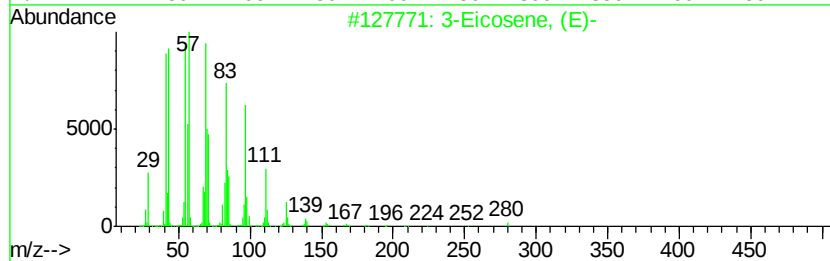
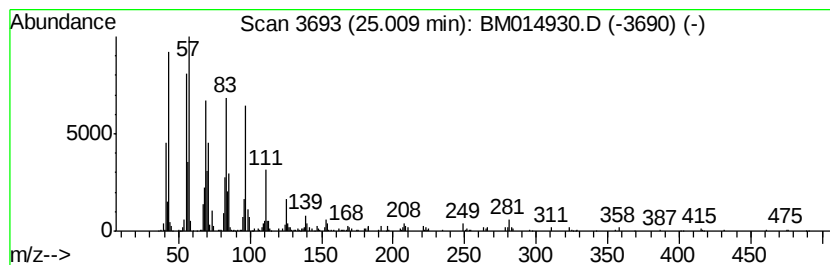
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic25.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	3.77 ng/ul	795390	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2		Octacosanol	410	C28H58O	000557-61-9	95
3		1-Heptacosanol	396	C27H56O	002004-39-9	95
4		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
5		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050218\
Data File : BM014930.D
Acq On : 02 May 2018 19:40
Operator : SJ/JU
Sample : J2631-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH6

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	32.3	ng/ul	4065380	1	8.49	2518610	20.0
(DEL) Alkane: Str...	14.94	2.7	ng/ul	540628	3	15.10	3991830	20.0
(DEL) Alkane: Str...	16.74	2.1	ng/ul	441989	4	17.81	4211870	20.0
n-Hexadecanoic acid	18.64	8.3	ng/ul	1744340	4	17.81	4211870	20.0
Octadecanoic acid	19.88	4.1	ng/ul	903038	5	21.90	4401760	20.0
(DEL) Alkane: Cyc...	21.56	10.6	ng/ul	2321900	5	21.90	4401760	20.0
(DEL) Alkane: Cyc...	25.01	3.8	ng/ul	795390	6	24.38	4220140	20.0