

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012165.D
 Acq On : 14 Oct 2017 09:52
 Operator : SJ/JU
 Sample : I5611-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-42(0.3-1.3) 100217

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-BM101217.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	3.763	111	115	122	rVB	30283	41985	1.28%	0.163%
2	5.446	396	401	409	rBV2	36078	79925	2.43%	0.310%
3	6.992	658	664	676	rVB	109727	226651	6.88%	0.879%
4	7.151	684	691	702	rBV	84564	155049	4.71%	0.601%
5	7.351	720	725	733	rBV	135545	228055	6.93%	0.884%
6	7.422	733	737	742	rVV	33094	43295	1.32%	0.168%
7	7.775	793	797	799	rBV	31811	42302	1.28%	0.164%
8	7.822	799	805	818	rVB	810368	1401301	42.57%	5.433%
9	8.028	833	840	848	rBV	97095	162167	4.93%	0.629%
10	8.339	887	893	897	rBV	85044	153793	4.67%	0.596%
11	8.469	906	915	921	rBV	63027	102537	3.11%	0.398%
12	8.539	921	927	940	rBV	155012	312210	9.48%	1.210%
13	8.675	942	950	954	rBV	34835	64776	1.97%	0.251%
14	8.992	997	1004	1008	rBV	118649	236299	7.18%	0.916%
15	9.028	1008	1010	1018	rVB	79077	125423	3.81%	0.486%
16	9.169	1029	1034	1041	rVB5	14764	37751	1.15%	0.146%
17	9.322	1055	1060	1064	rBV	27044	36886	1.12%	0.143%
18	9.375	1064	1069	1073	rVB2	41619	64678	1.96%	0.251%
19	9.716	1117	1127	1136	rVB2	97724	202577	6.15%	0.785%
20	9.869	1148	1153	1161	rBV3	29934	70580	2.14%	0.274%
21	9.998	1166	1175	1183	rVV	141525	285140	8.66%	1.106%
22	10.075	1183	1188	1192	rVV	131322	207986	6.32%	0.806%
23	10.116	1192	1195	1201	rVV	44493	62946	1.91%	0.244%
24	10.181	1201	1206	1213	rVB	23478	37768	1.15%	0.146%
25	10.257	1213	1219	1227	rBV	147238	312884	9.50%	1.213%
26	10.328	1227	1231	1240	rVB4	28770	59706	1.81%	0.231%
27	10.575	1267	1273	1275	rBV4	19478	37124	1.13%	0.144%
28	10.622	1275	1281	1295	rVB	1186280	2038228	61.91%	7.902%
29	12.445	1585	1591	1599	rBV3	23923	66012	2.01%	0.256%
30	13.874	1825	1834	1839	rBV	382102	588216	17.87%	2.281%
31	13.927	1839	1843	1849	rVB	135530	212136	6.44%	0.822%
32	14.110	1870	1874	1878	rBV4	24477	38637	1.17%	0.150%
33	14.168	1878	1884	1894	rVV	395671	653614	19.85%	2.534%
34	14.474	1930	1936	1944	rVB2	1791439	2728168	82.87%	10.577%

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Max Peaks: 100
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35	14.710	1973	1976	1985	rVB4	31830	68416	2.08%	0.265%
36	15.298	2074	2076	2081	rVB2	36169	41790	1.27%	0.162%
37	15.468	2099	2105	2118	rBV	547904	853388	25.92%	3.309%
38	15.610	2126	2129	2137	rVB3	46705	74693	2.27%	0.290%
39	17.221	2397	2403	2408	rBV	2306403	3226443	98.01%	12.509%
40	17.321	2415	2420	2429	rVB	560237	821359	24.95%	3.184%
41	18.098	2547	2552	2557	rBV	607767	835761	25.39%	3.240%
42	19.256	2746	2749	2758	rVB2	259468	504554	15.33%	1.956%
43	19.374	2765	2769	2777	rBV	523052	745610	22.65%	2.891%
44	19.615	2805	2810	2814	rBV	669935	984855	29.92%	3.818%
45	21.397	3109	3113	3118	rBV	2501701	3226867	98.02%	12.511%
46	23.715	3503	3507	3522	rVB2	1614815	3292034	100.00%	12.763%

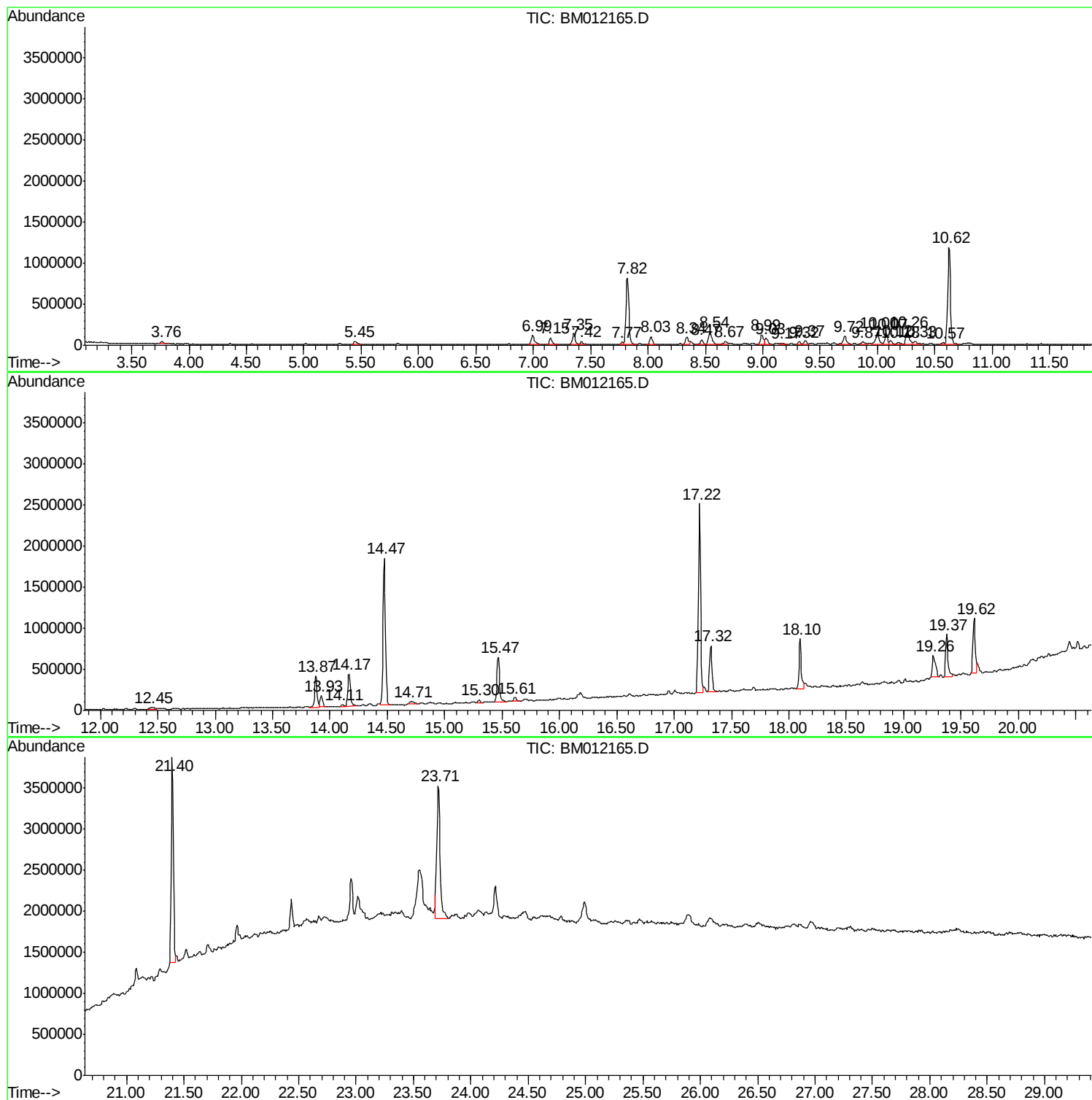
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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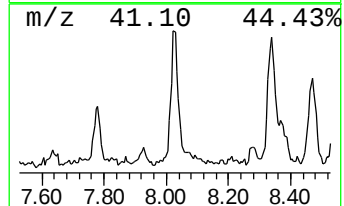
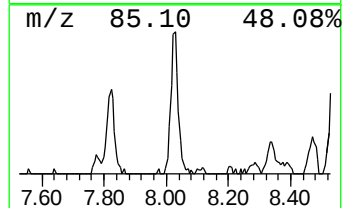
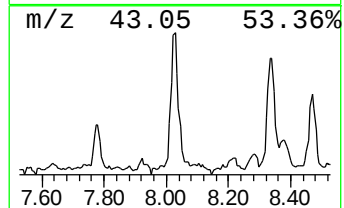
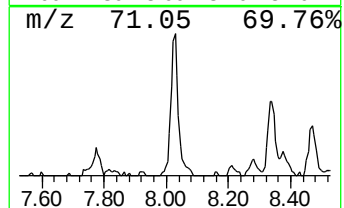
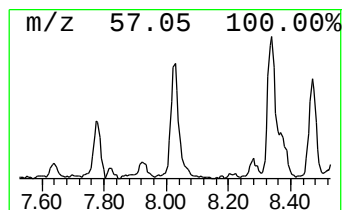
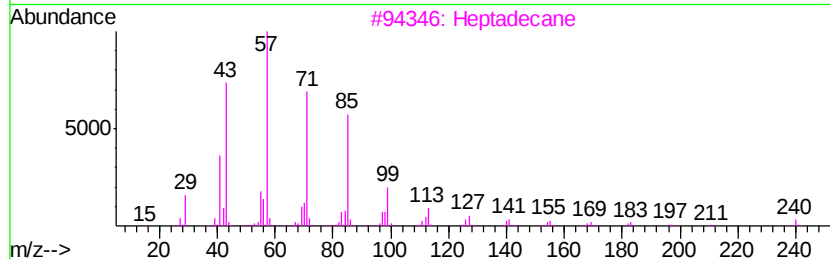
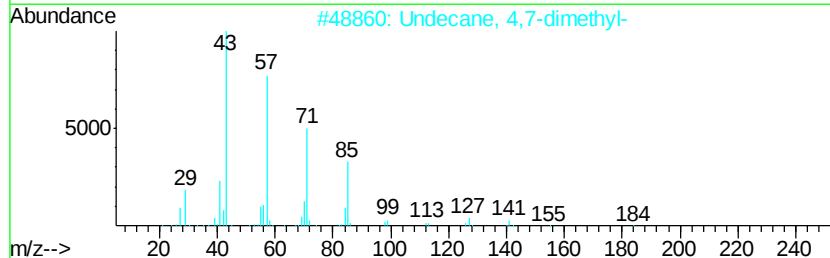
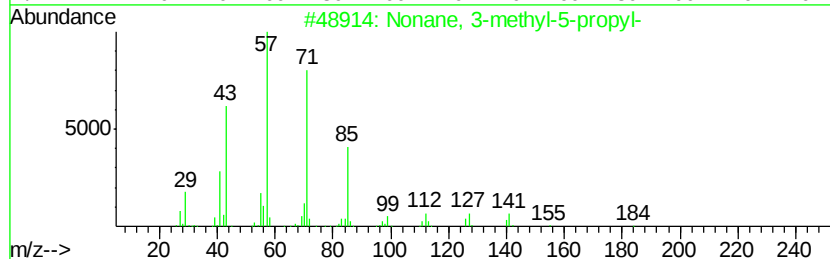
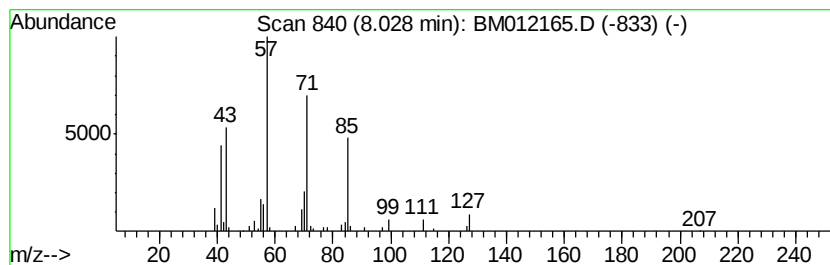
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.31 ng/ul	162167	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
3		Heptadecane	240	C17H36	000629-78-7	64
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53



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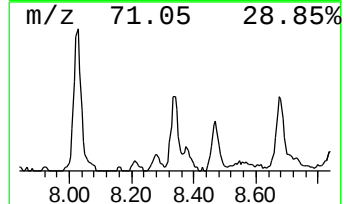
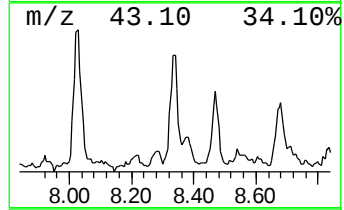
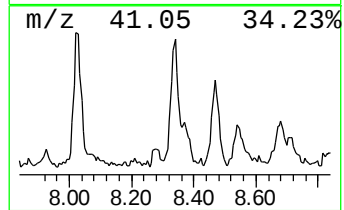
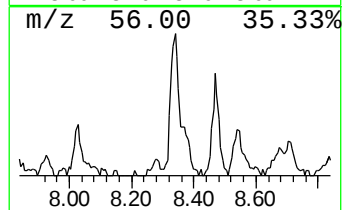
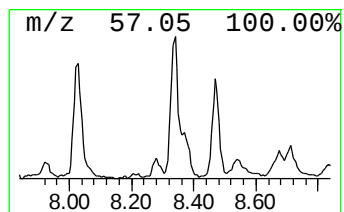
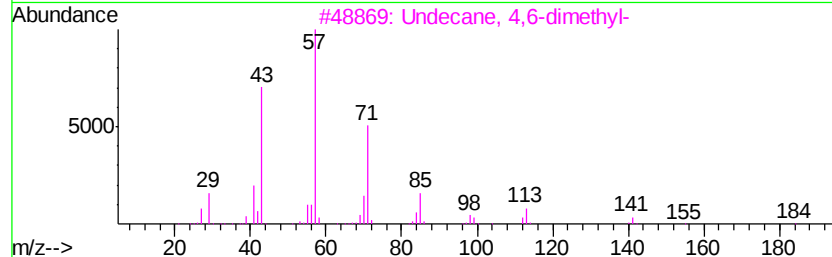
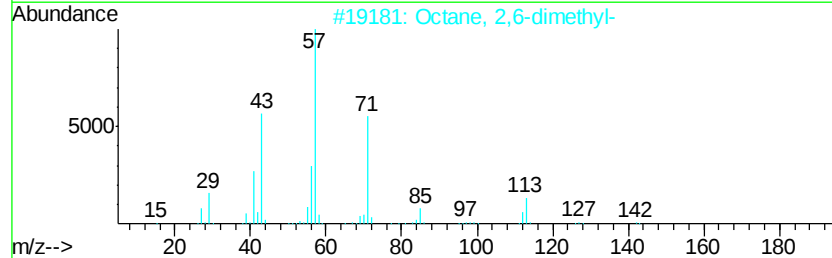
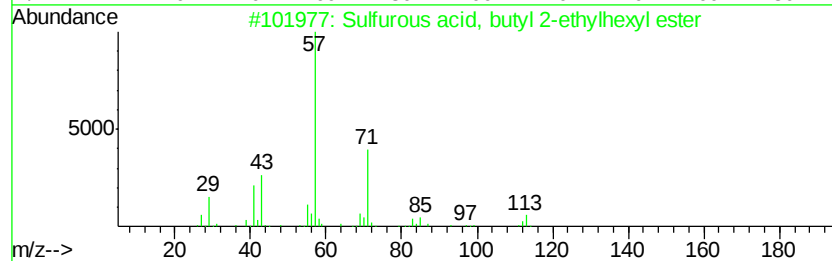
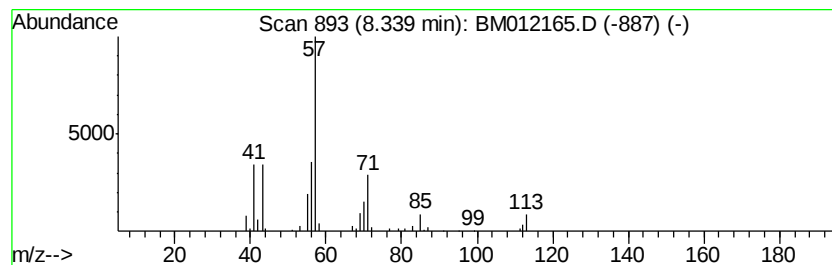
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Peak Number 2 Sulfurous acid, butyl 2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	2.20 ng/ul	153793	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50



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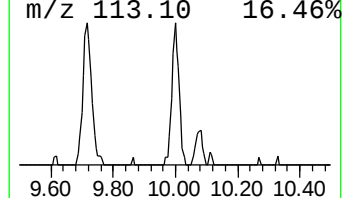
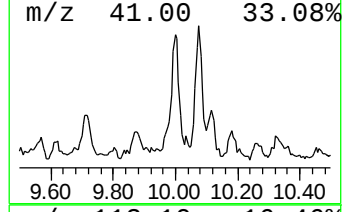
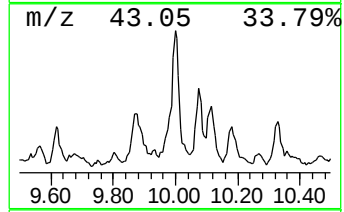
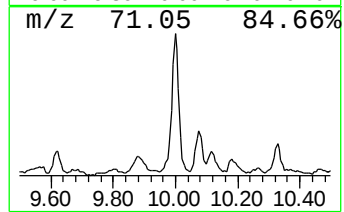
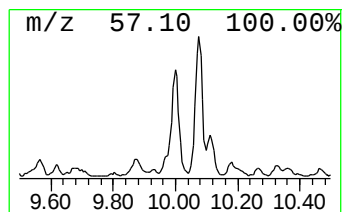
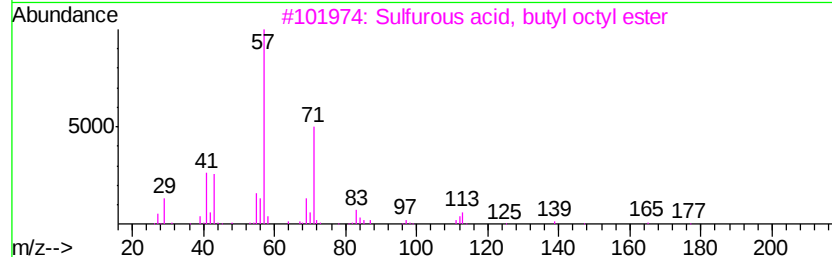
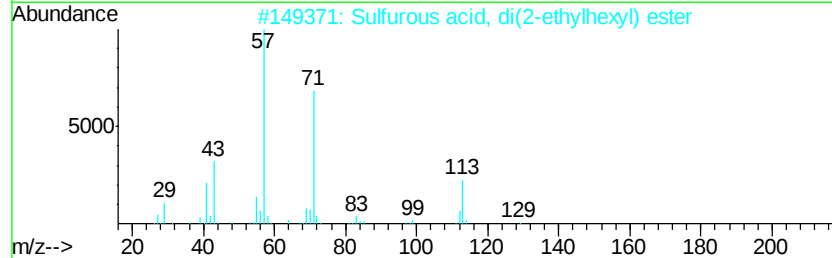
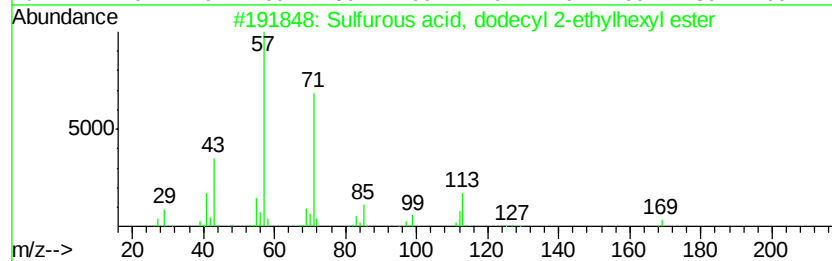
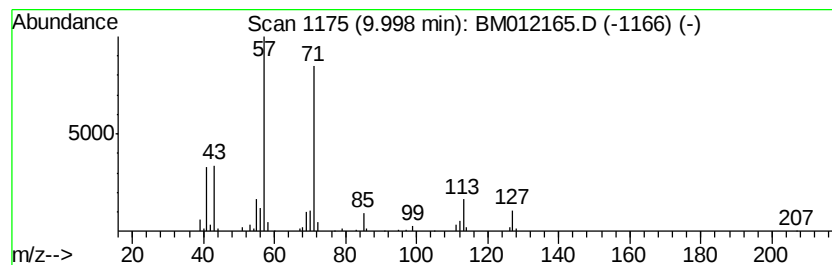
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Sulfurous acid, dodecyl 2-e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.00	2.80 ng/ul	285140	Napthalene-d8	10.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78	
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	72	
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72	
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72	
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64	



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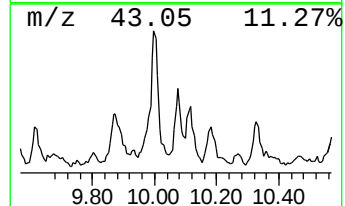
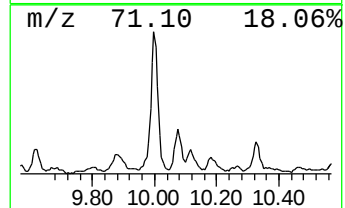
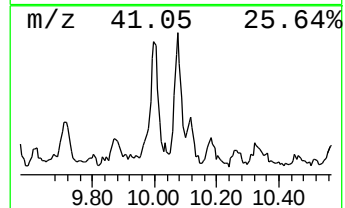
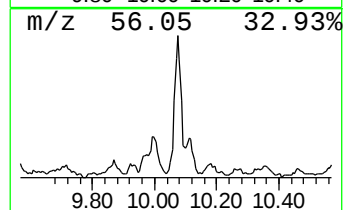
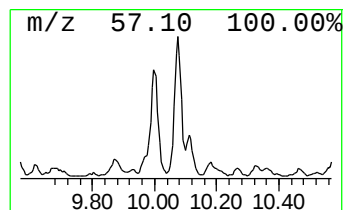
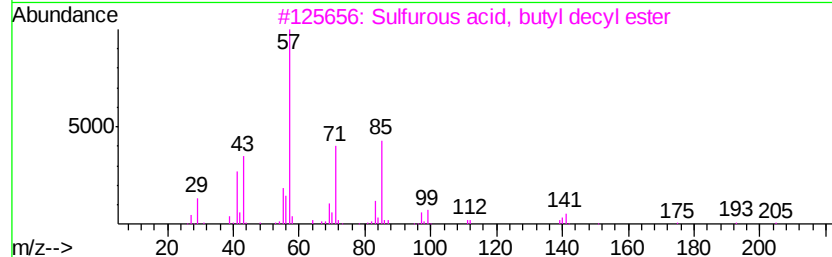
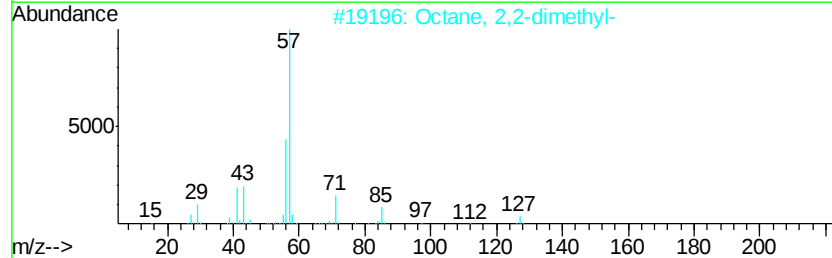
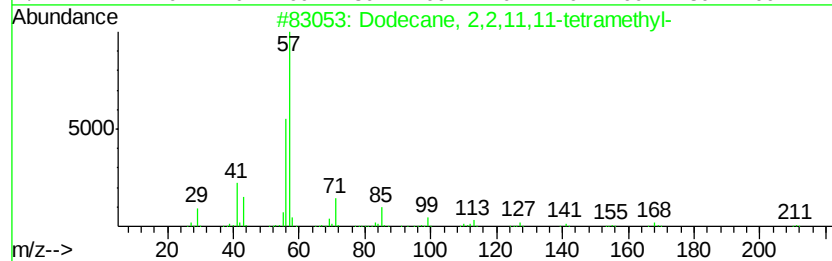
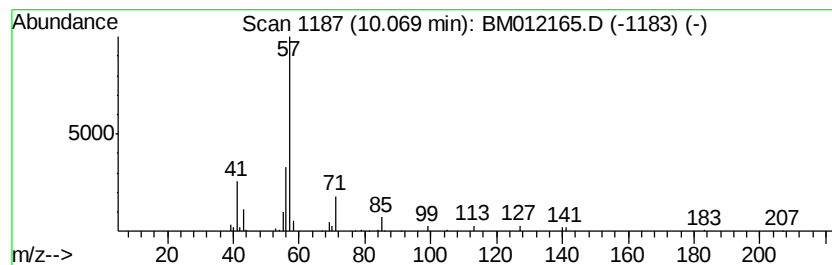
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.04 ng/ul	207986	Napthalene-d8	10.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 2,2,11,11-tetramethyl-	226 C16H34	127204-12-0 72
2		Octane, 2,2-dimethyl-	142 C10H22	015869-87-1 59
3		Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7 59
4		Hexane, 2,2,5-trimethyl-	128 C9H20	003522-94-9 53
5		Hexane, 2,2,5-trimethyl-	128 C9H20	003522-94-9 53



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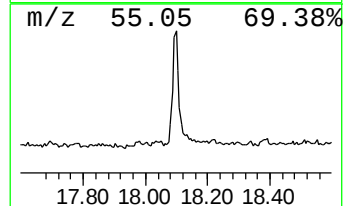
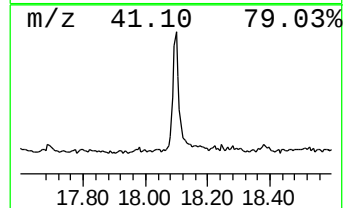
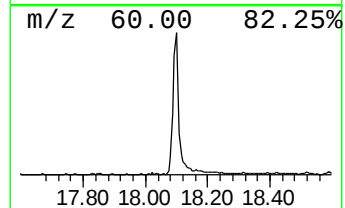
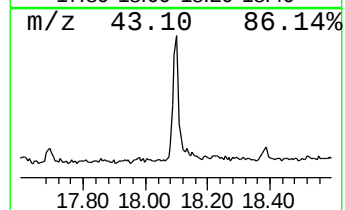
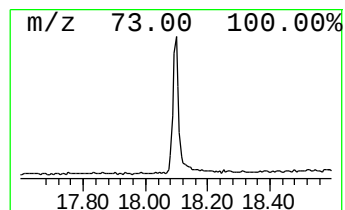
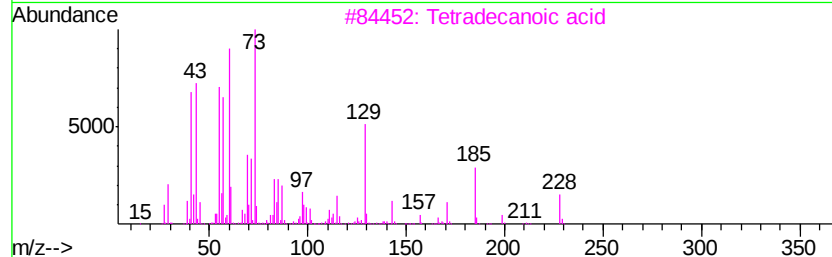
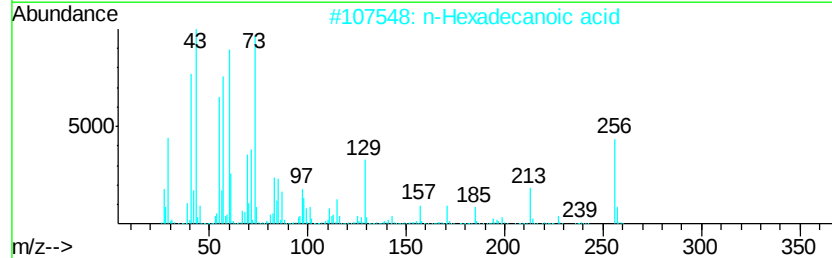
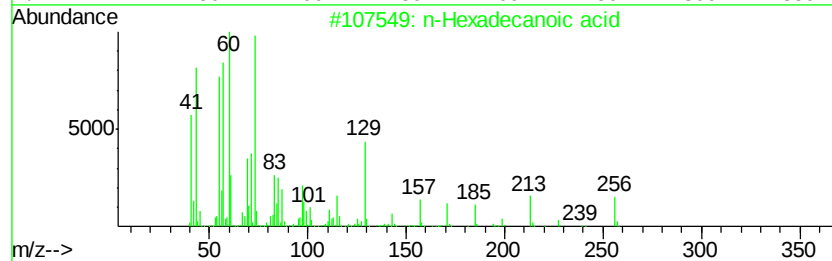
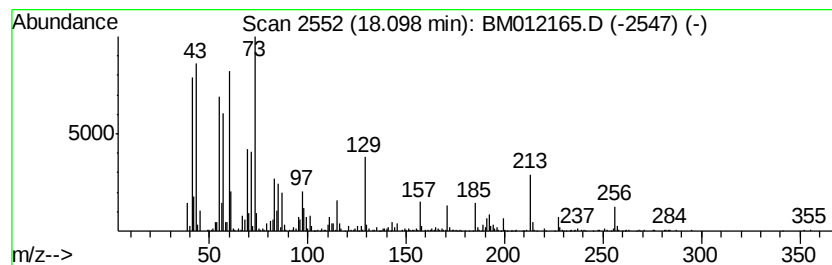
Instrument :
BNA_M
ClientSampleId :
B-42(0.3-1.3) 100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	5.18 ng/ul	835761	Phenanthrene-d10		17.22	
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012165.D
Acq On : 14 Oct 2017 09:52
Operator : SJ/JU
Sample : I5611-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

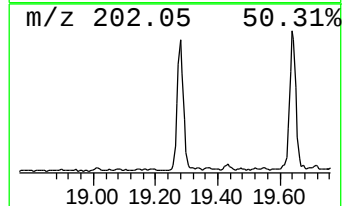
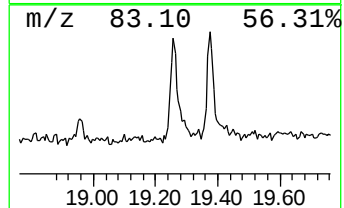
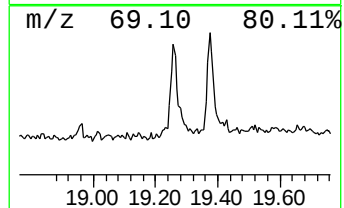
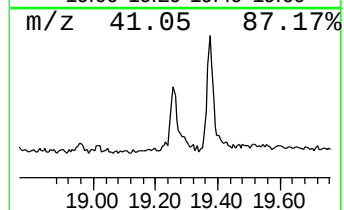
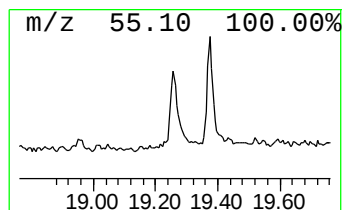
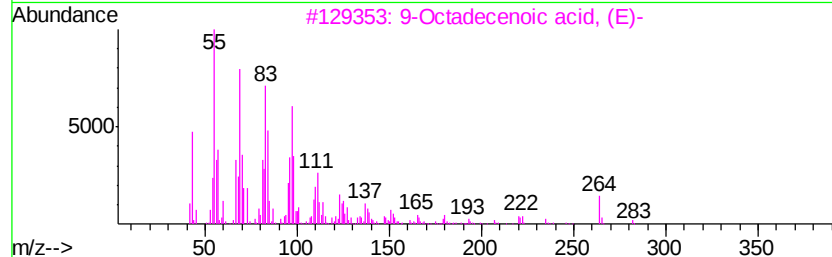
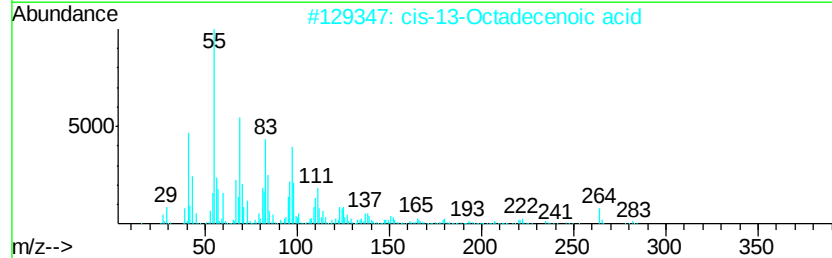
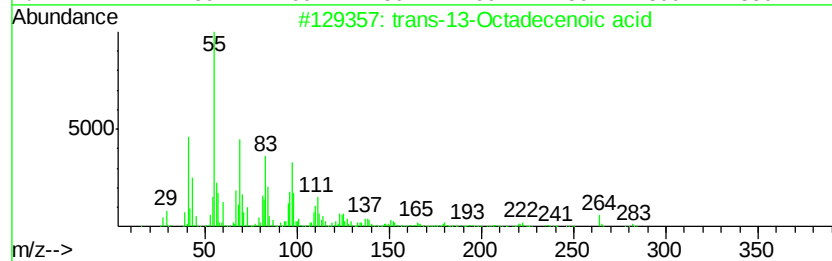
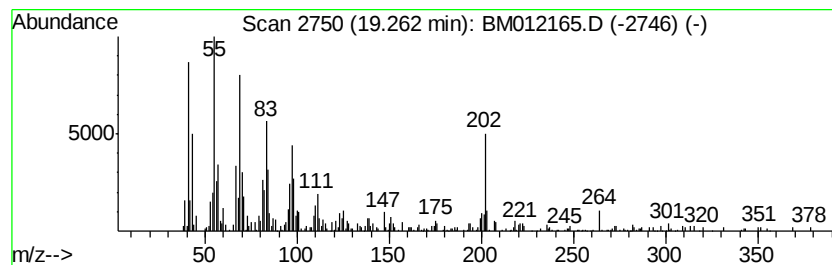
Instrument :
BNA_M
ClientSampleId :
B-42(0.3-1.3) 100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 trans-13-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.26	3.13 ng/ul	504554	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97	
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97	
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94	
4	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	92	
5	Erucic acid	338	C22H42O2	000112-86-7	90	



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Sample : I5611-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-42(0.3-1.3) 100217

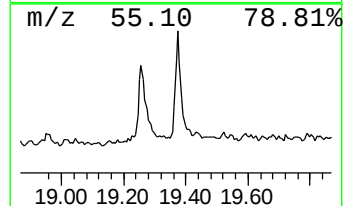
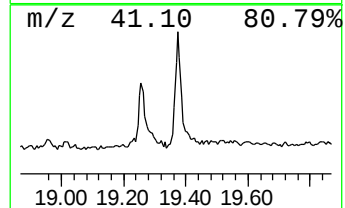
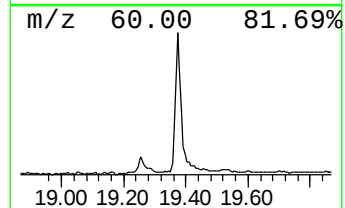
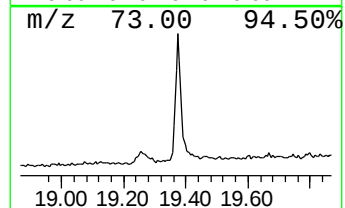
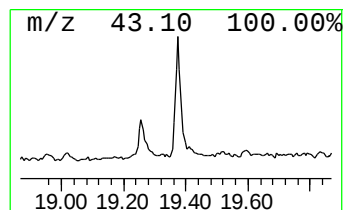
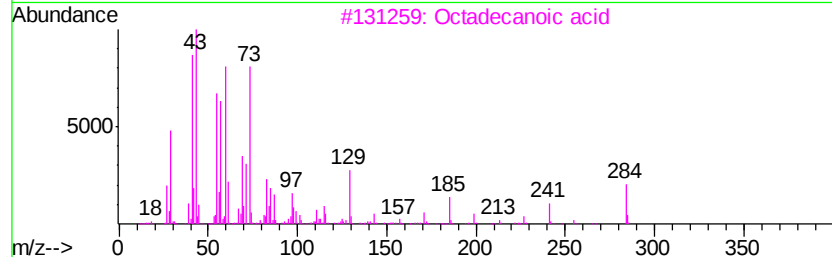
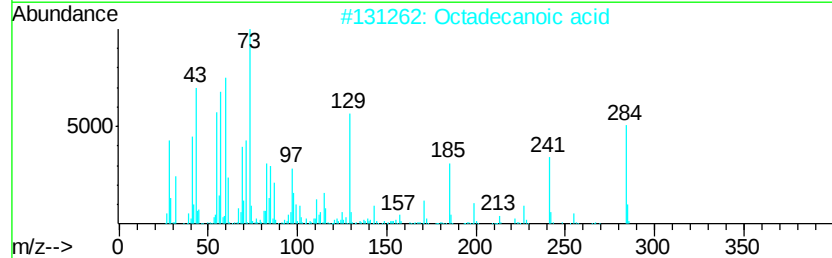
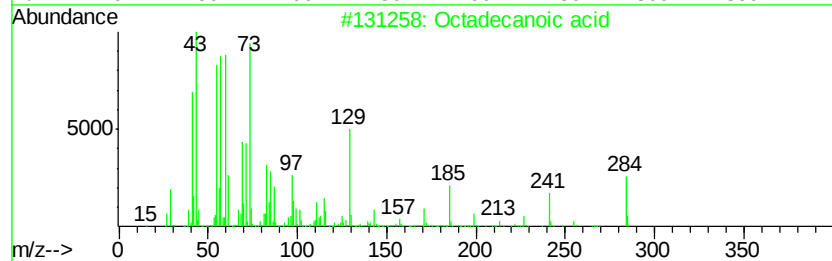
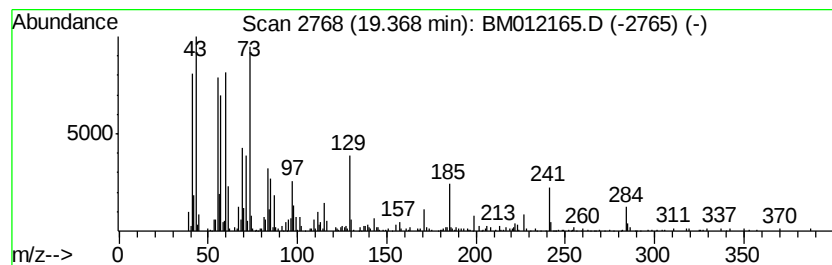
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	4.62 ng/ul	745610	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	98
4		Tetracosanoic acid	368	C24H48O2	000557-59-5	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-42(0.3-1.3) 100217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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...	8.03	2.3	ng/ul	162167	1	7.82	1401300	20.0
Sulfurous acid, b...	8.34	2.2	ng/ul	153793	1	7.82	1401300	20.0
Sulfurous acid, d...	10.00	2.8	ng/ul	285140	2	10.62	2038230	20.0
(DEL) Alkane: Str...	10.07	2.0	ng/ul	207986	2	10.62	2038230	20.0
n-Hexadecanoic acid	18.10	5.2	ng/ul	835761	4	17.22	3226440	20.0
trans-13-Octadece...	19.26	3.1	ng/ul	504554	4	17.22	3226440	20.0
Octadecanoic acid	19.37	4.6	ng/ul	745610	5	21.40	3226870	20.0