LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013369.D
Acq On : 13 Dec 2017 12:26
Operator : SJ/JU
Sample : I6779-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A91

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-BM113017.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	3.487	65	68	81	rVB	81949	130718	2.40%	0.235%
2	6.863	635	642	654	rVB2	751482	1352462	24.82%	2.433%
3	7.028	663	670	678	rBV	557122	867702	15.92%	1.561%
4	7.222	696	703	714	rBV	755277	1237065	22.70%	2.225%
5	7.687	775	782	789	rBV	592777	966884	17.74%	1.739%
6	8.392	895	902	912	rBV	989584	1609056	29.53%	2.895%
7	8.839	969	978	985	rBV	789243	1299194	23.84%	2.337%
8	9.551	1090	1099	1107	rBV	670815	1128826	20.71%	2.031%
9	10.086	1182	1190	1202	rBV	1030081	1752241	32.15%	3.152%
10	10.463	1247	1254	1263	rVB	878784	1457944	26.75%	2.623%
11	10.604	1271	1278	1287	rBV	868646	1507667	27.66%	2.712%
12	13.739	1805	1811	1816	rBV	1911650	2729286	50.08%	4.910%
13	13.786	1816	1819	1829	rVB	792529	1040228	19.09%	1.871%
14	14.016	1847	1858	1868	rBV	2192547	3216929	59.03%	5.787%
15	14.327	1904	1911	1923	rVB2	1373357	2157009	39.58%	3.880%
16	14.539	1941	1947	1959	rBV	779649	1288580	23.64%	2.318%
17	15.321	2074	2080	2088	rVB	2854156	3942146	72.34%	7.092%
18	15.451	2096	2102	2113	rBV	717199	1037727	19.04%	1.867%
19	17.074	2371	2378	2384	rBV2	2078760	2878438	52.82%	5.178%
20	17.174	2389	2395	2408	rVV2	3314509	4576094	83.97%	8.232%
21	17.980	2526	2532	2541	rBV2	472121	676308	12.41%	1.217%
22	19.109	2719	2724	2727	rBV2	42885	64766	1.19%	0.117%
23	19.268	2745	2751	2760	rBV	344174	513793	9.43%	0.924%
24	19.474	2780	2786	2792	rBV	4110855	5449775	100.00%	9.804%
25	20.986	3038	3043	3050	rBV	556229	777604	14.27%	1.399%
26	21.268	3085	3091	3096	rBV	2729084	3525281	64.69%	6.342%
27	23.356	3438	3446	3456	rVB2	2697690	5186750	95.17%	9.331%
28	23.491	3462	3469	3478	rBV	1670628	3050186	55.97%	5.487%
29	24.103	3571	3573	3580	rVB8	100186	166790	3.06%	0.300%

Sum of corrected areas: 55587449

LSC Report - Integrated Chromatogram

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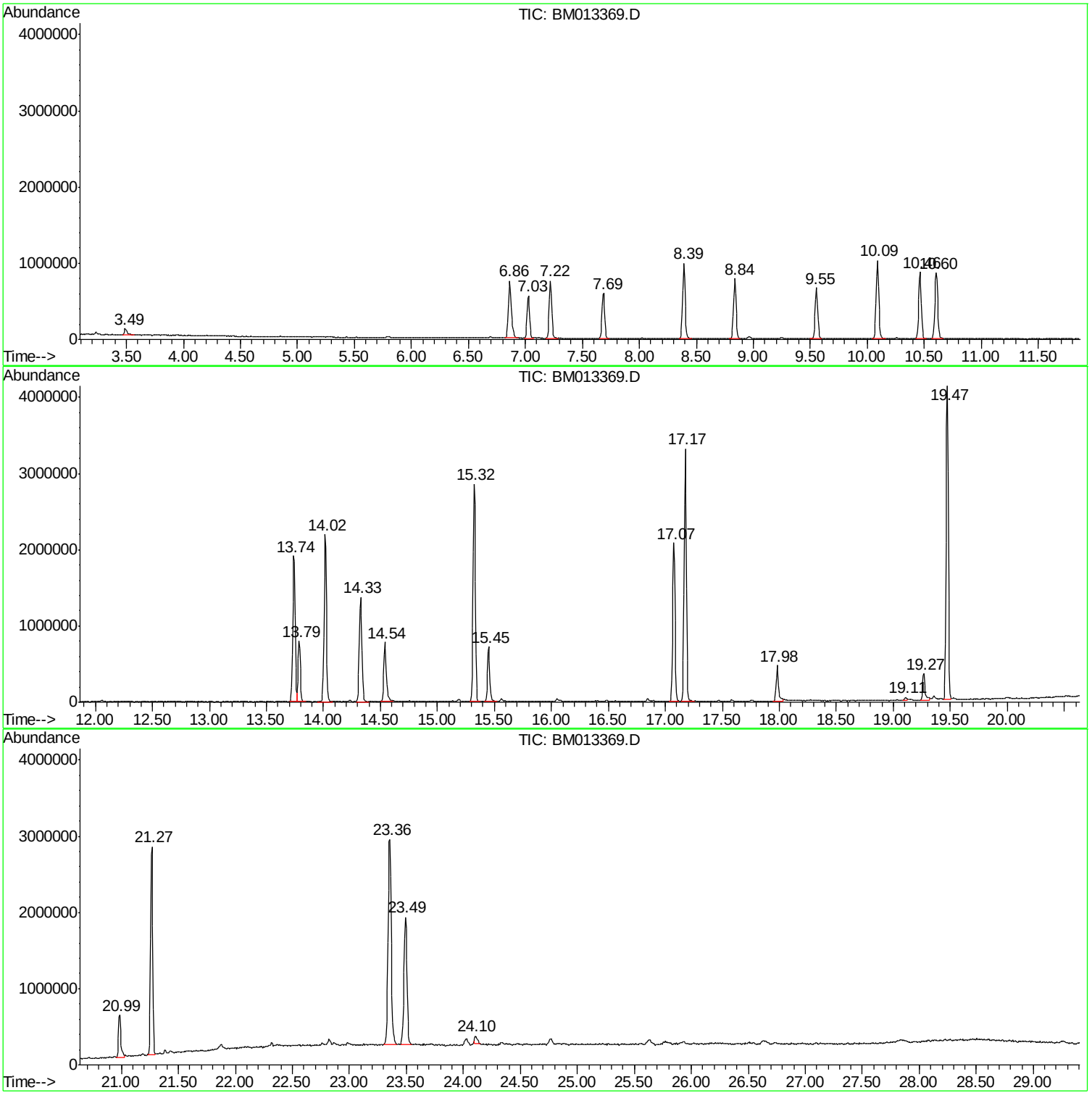
Instrument : BNA_M
ClientSampleId : F9A91

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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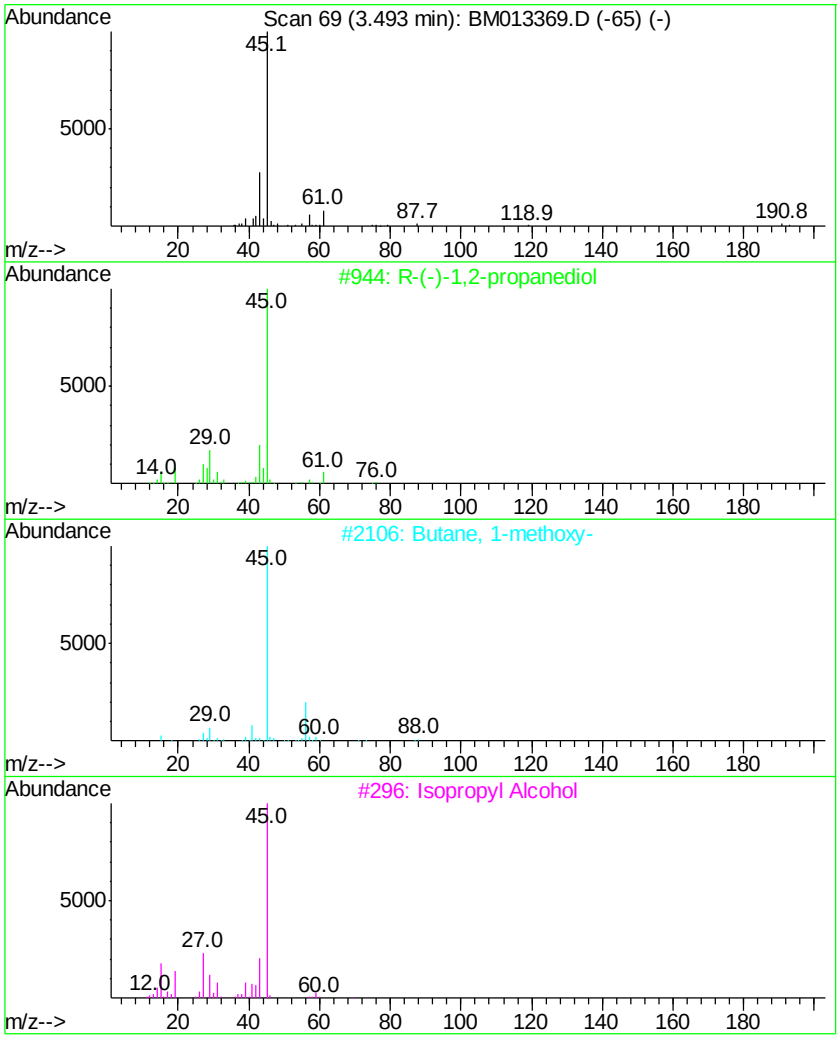
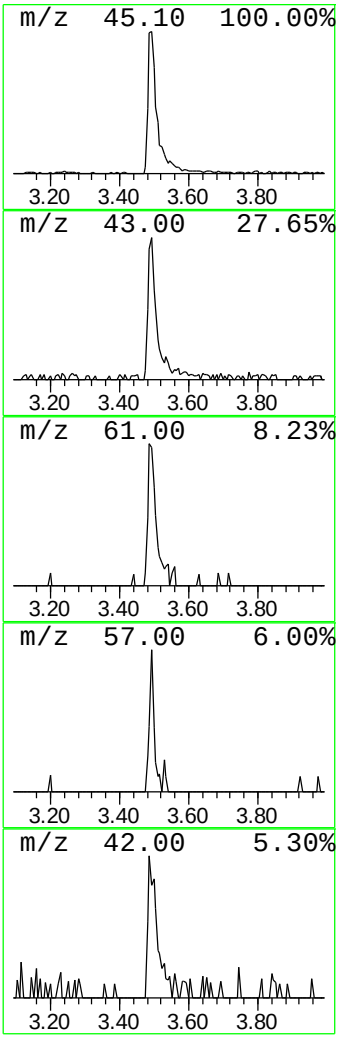
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	2.70 ng/ul	130718	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
2	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Propylene Glycol	76	C3H8O2	000057-55-6	9





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Instrument : BNA_M
ClientSampleId : F9A91

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

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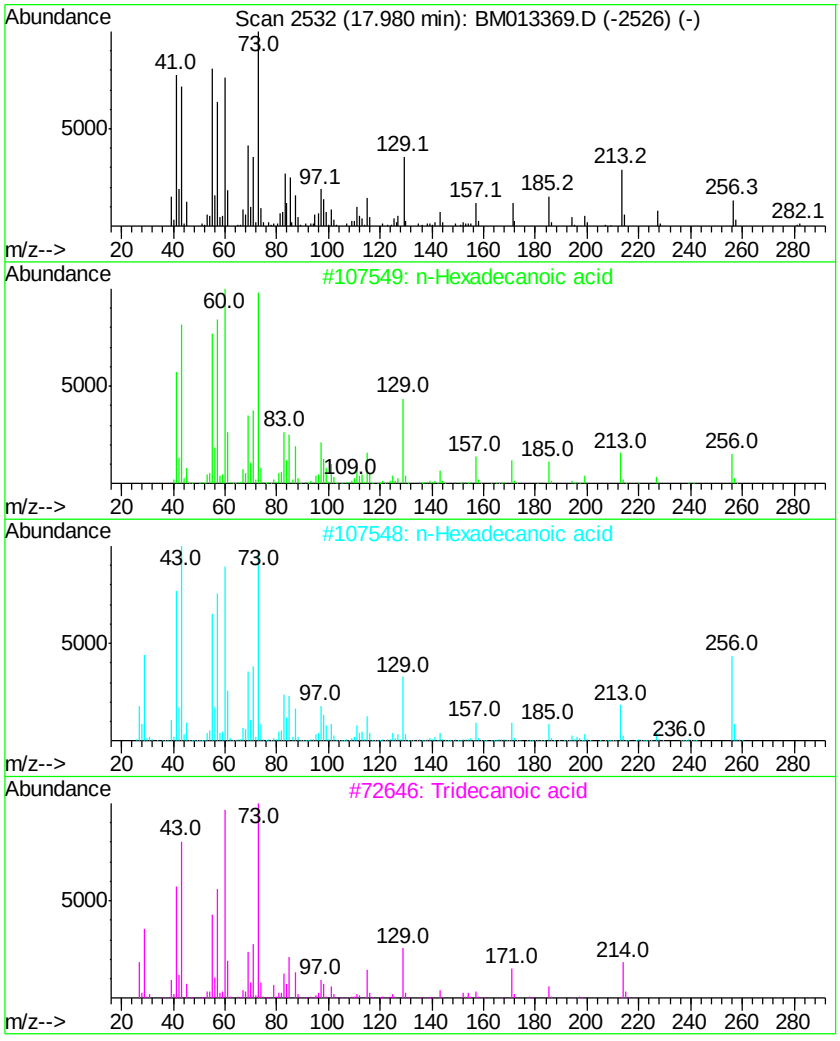
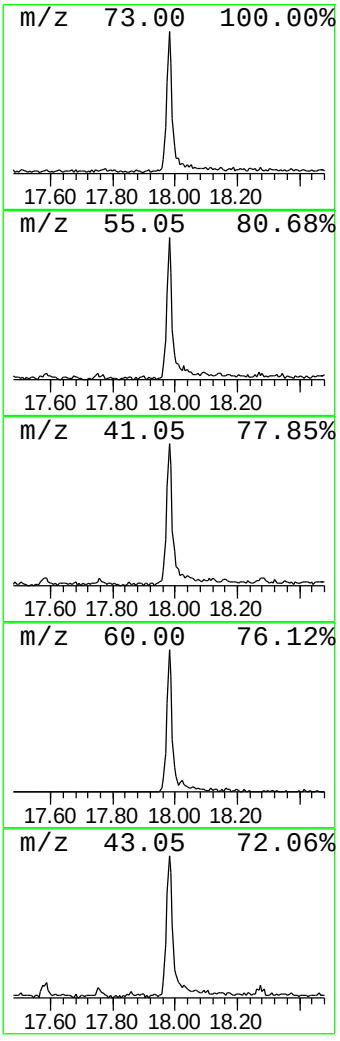
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.70 ng/ul	676308	Phenanthrene-d10	17.07

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Instrument : BNA_M
ClientSampleId : F9A91

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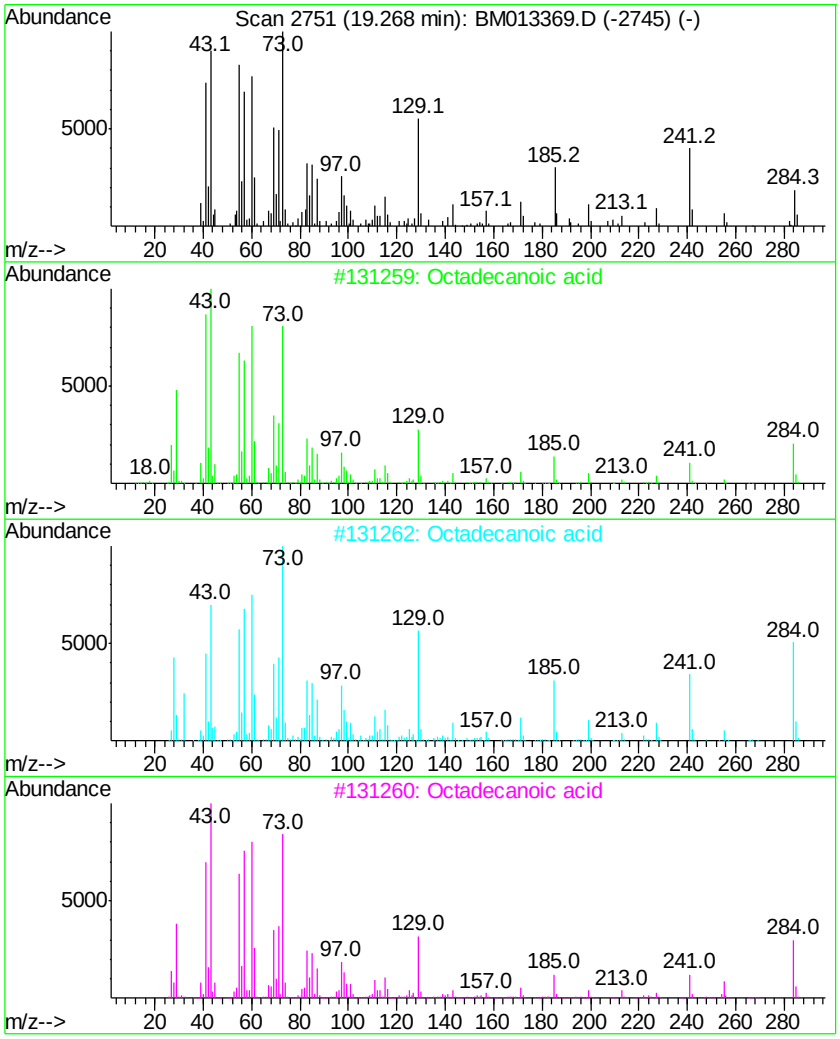
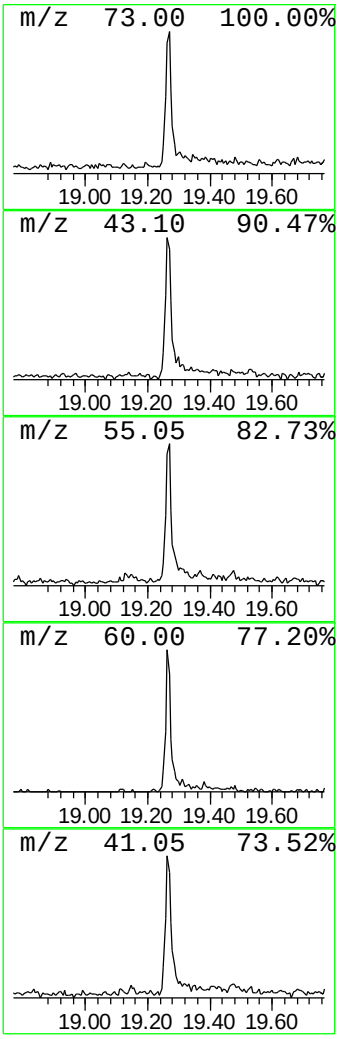
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.91 ng/ul	513793	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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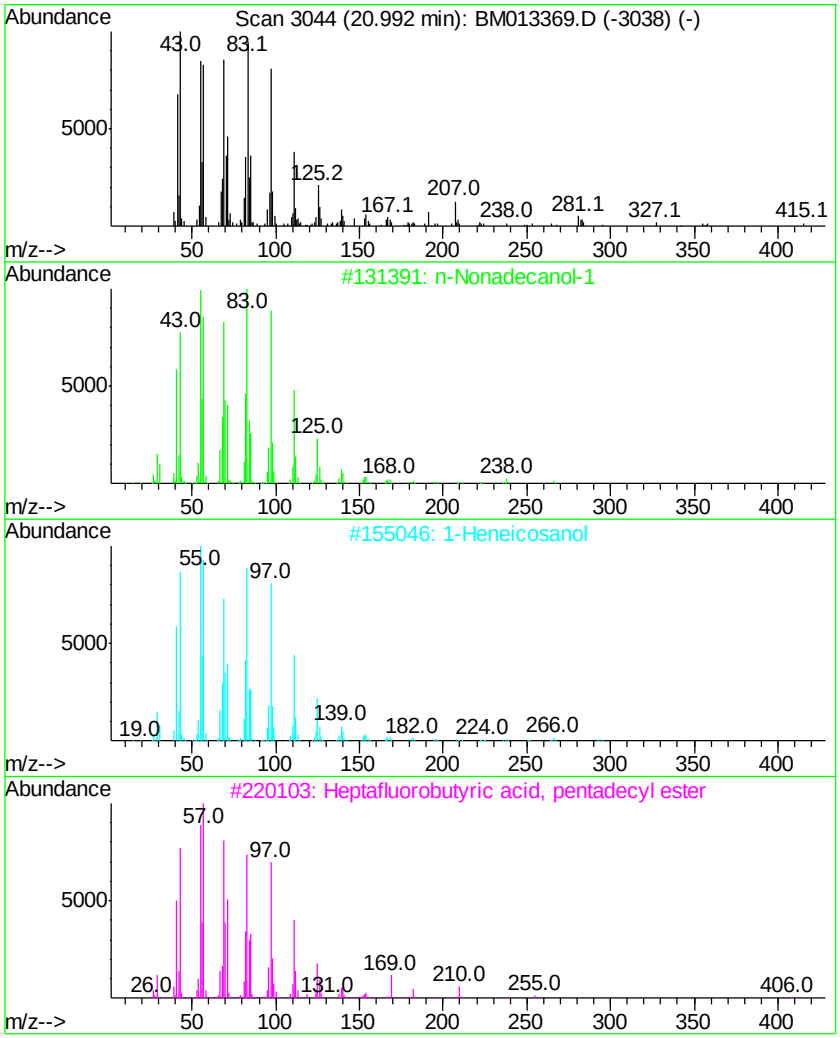
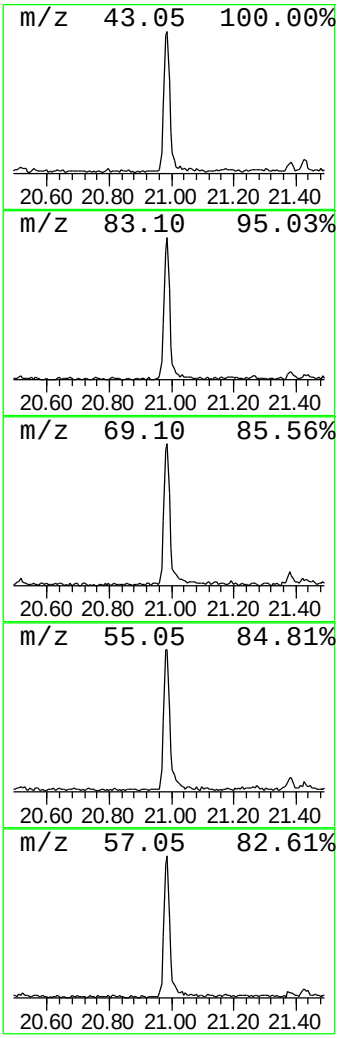
Peak Number 4 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.41 ng/ul	777604	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

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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
unknown-01	3.49	2.7	ng/ul	130718	1	7.69	966884	20.0
n-Hexadecanoic acid	17.98	4.7	ng/ul	676308	4	17.07	2878440	20.0
Octadecanoic acid	19.27	2.9	ng/ul	513793	5	21.27	3525280	20.0
n-Nonadecanol-1	20.99	4.4	ng/ul	777604	5	21.27	3525280	20.0