LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013316.D
Acq On : 11 Dec 2017 22:23
Operator : SJ/JU
Sample : I6775-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A06

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	6.869	636	643	655	rVB2	832530	1515628	21.68%	2.356%
2	7.028	664	670	680	rVB	624175	983618	14.07%	1.529%
3	7.222	696	703	711	rBV	852880	1354403	19.37%	2.105%
4	7.687	775	782	789	rBV	699677	1143547	16.36%	1.778%
5	8.392	894	902	913	rBV	1115705	1794802	25.67%	2.790%
6	8.839	971	978	987	rVB	902144	1463480	20.93%	2.275%
7	9.557	1093	1100	1110	rBV	788834	1292050	18.48%	2.008%
8	10.092	1182	1191	1199	rBV	1146890	1912339	27.36%	2.973%
9	10.469	1248	1255	1261	rBV	987163	1654376	23.67%	2.572%
10	10.610	1271	1279	1294	rBV	1124018	1890812	27.05%	2.939%
11	13.745	1806	1812	1816	rBV	2464030	3309388	47.34%	5.144%
12	13.792	1816	1820	1828	rVB	417695	591277	8.46%	0.919%
13	14.021	1852	1859	1865	rBV	2600565	3729034	53.34%	5.797%
14	14.239	1891	1896	1900	rVB	114705	146458	2.10%	0.228%
15	14.327	1904	1911	1919	rBV2	1483948	2325823	33.27%	3.615%
16	14.539	1939	1947	1960	rBV	1141812	1816405	25.98%	2.823%
17	15.192	2053	2058	2062	rVB	138888	171658	2.46%	0.267%
18	15.327	2074	2081	2087	rVB	3295013	4576045	65.46%	7.113%
19	15.451	2094	2102	2115	rBV	1125292	1597903	22.86%	2.484%
20	15.568	2117	2122	2125	rBV2	42114	73584	1.05%	0.114%
21	16.057	2200	2205	2212	rBV	107469	165421	2.37%	0.257%
22	17.074	2372	2378	2384	rBV2	2093182	3070712	43.92%	4.773%
23	17.115	2384	2385	2389	rVV	87820	93323	1.33%	0.145%
24	17.174	2389	2395	2405	rVB	3862671	5461467	78.12%	8.489%
25	17.980	2527	2532	2540	rBV2	303015	406404	5.81%	0.632%
26	19.109	2718	2724	2726	rBV	59198	90654	1.30%	0.141%
27	19.139	2726	2729	2734	rVB2	67993	96444	1.38%	0.150%
28	19.262	2746	2750	2758	rBV3	140311	191622	2.74%	0.298%
29	19.474	2779	2786	2793	rBV	5311170	6990809	100.00%	10.867%
30	20.986	3039	3043	3050	rBV	319861	427425	6.11%	0.664%
31	21.268	3085	3091	3100	rBV	2991820	3919525	56.07%	6.093%
32	22.815	3352	3354	3359	rVB4	70202	95231	1.36%	0.148%
33	23.350	3438	3445	3455	rVB	3521666	6640188	94.98%	10.322%
34	23.491	3462	3469	3478	rVB	1778910	3340229	47.78%	5.192%

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Title : SVOA CALIBRATION

Sum of corrected areas: 64332084

LSC Report - Integrated Chromatogram

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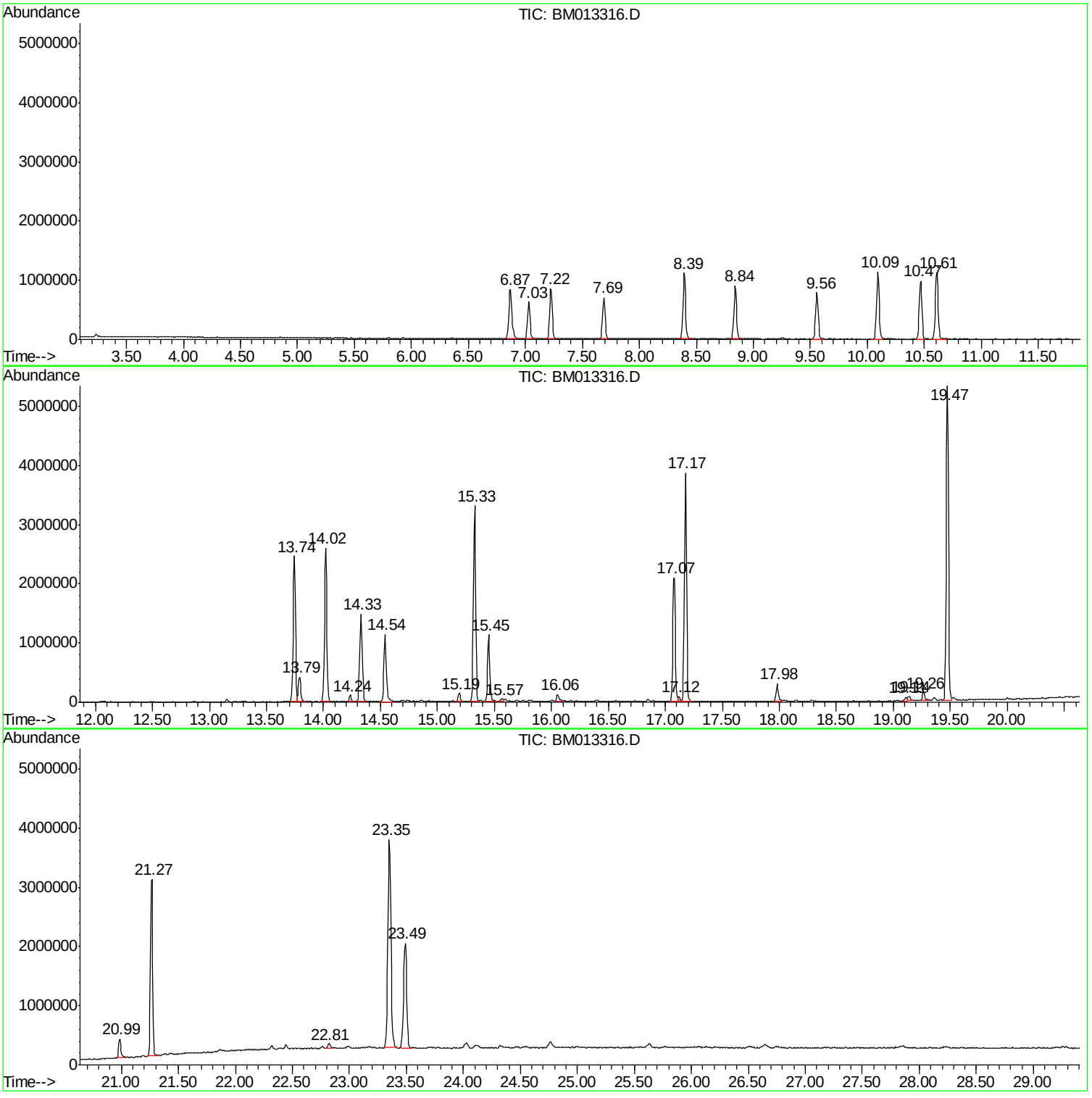
Operator : SJ/JU
Sample : I6775-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A06

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013316.D
Acq On : 11 Dec 2017 22:23
Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : F9A06

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

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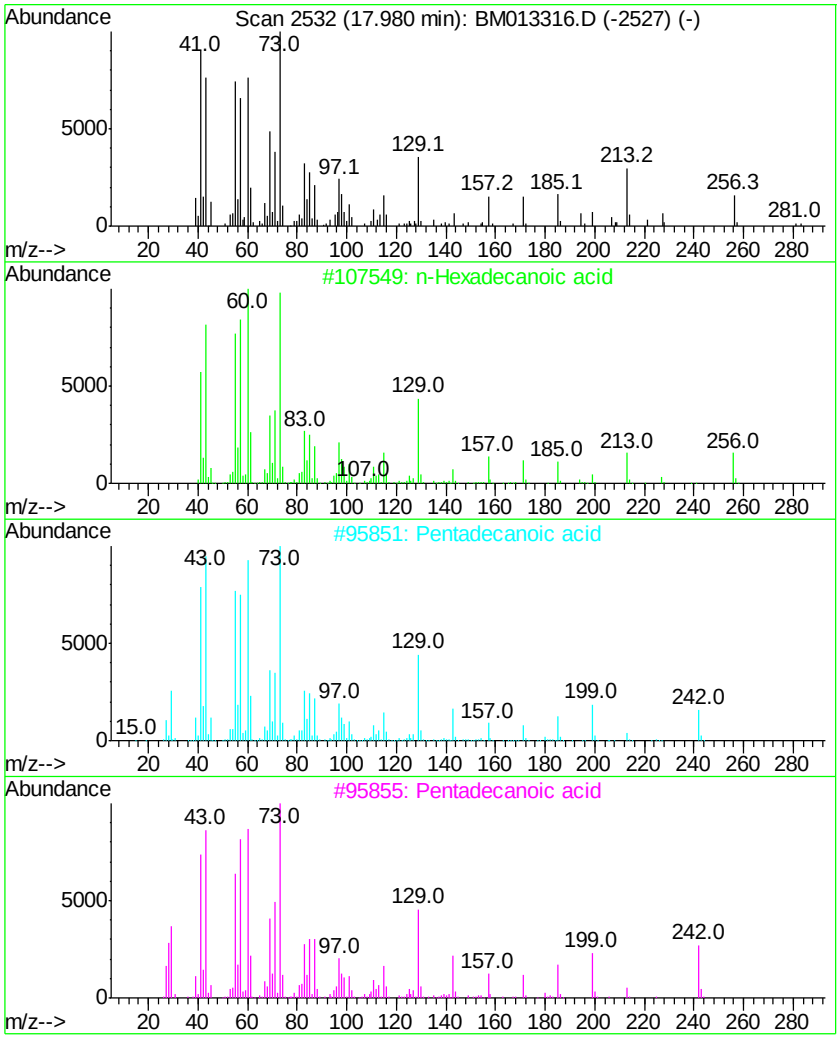
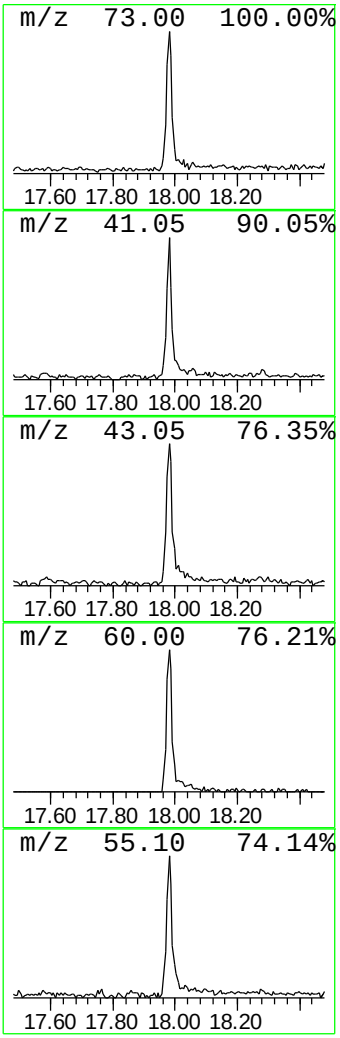
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.65 ng/ul	406404	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Misc :
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Instrument : BNA_M
ClientSampleId : F9A06

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

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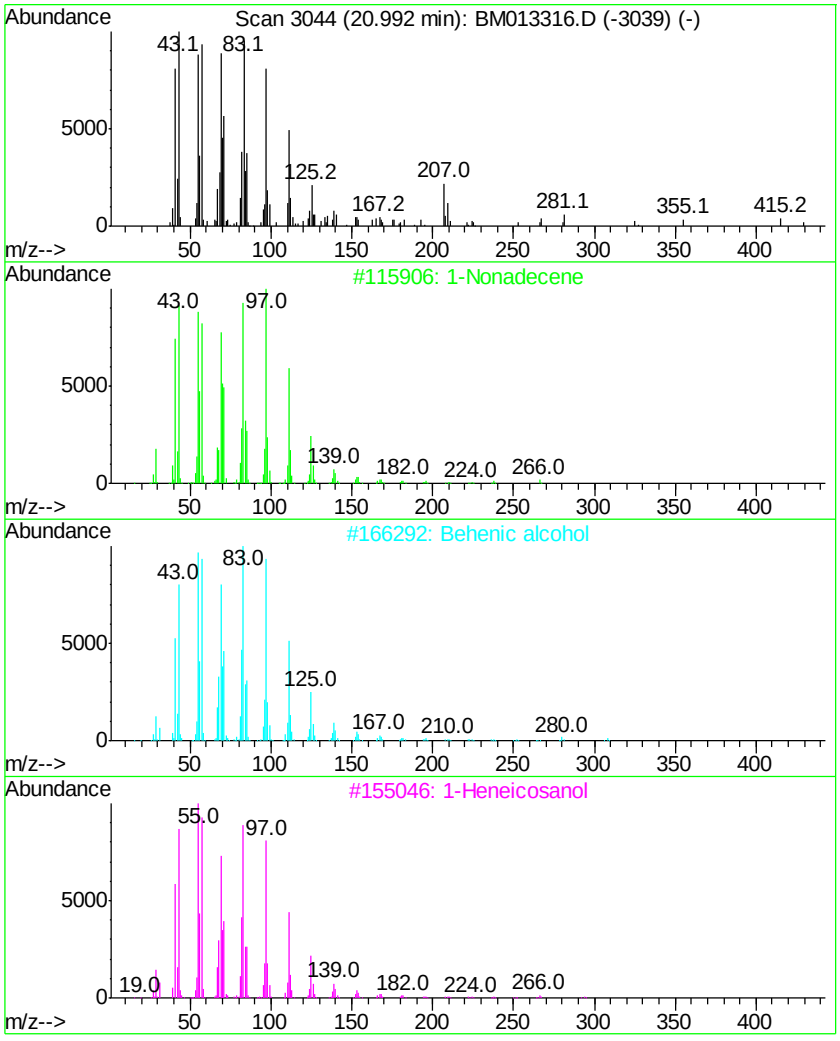
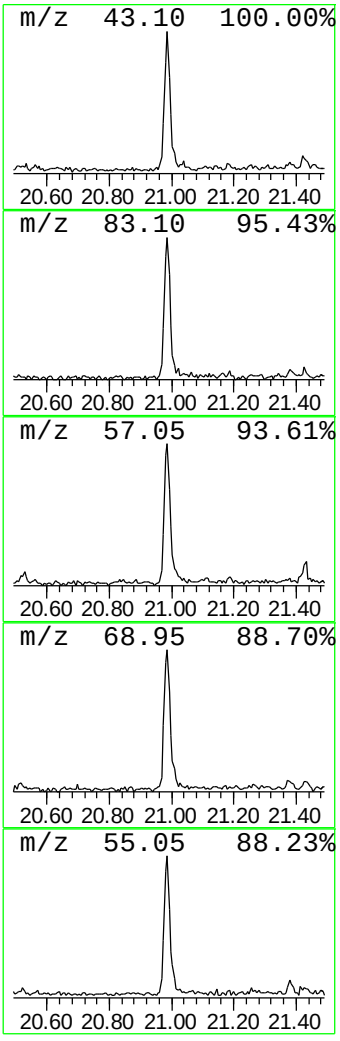
Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.18 ng/ul	427425	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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Data File : BM013316.D
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Operator : SJ/JU
Sample : I6775-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A06

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	2.6	ng/ul	406404	4	17.07	3070710	20.0
(DEL) Alkane: Cyc...	20.99	2.2	ng/ul	427425	5	21.27	3919530	20.0