LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013212.D
Acq On : 06 Dec 2017 16:49
Operator : SJ/JU
Sample : I6647-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0249

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	6.875	637	644	656	rVB	517684	945000	23.70%	2.083%
2	7.039	666	672	680	rVB	405233	619378	15.54%	1.365%
3	7.234	698	705	714	rBV	547195	867260	21.75%	1.912%
4	7.698	777	784	791	rBV	800133	1270770	31.87%	2.801%
5	8.404	897	904	915	rBV2	694594	1128823	28.31%	2.488%
6	8.851	973	980	990	rVB	563393	934512	23.44%	2.060%
7	9.569	1095	1102	1113	rBV	491052	797122	19.99%	1.757%
8	10.104	1184	1193	1201	rBV	749992	1231046	30.88%	2.713%
9	10.480	1249	1257	1266	rBV	1169262	1899623	47.65%	4.187%
10	10.622	1273	1281	1289	rBV	640579	1123916	28.19%	2.477%
11	13.168	1708	1714	1721	rVB2	38592	58230	1.46%	0.128%
12	13.751	1807	1813	1818	rBV	1367580	1954918	49.04%	4.309%
13	13.798	1818	1821	1831	rVB	353802	505094	12.67%	1.113%
14	14.033	1851	1861	1869	rBV	1513951	2330847	58.46%	5.137%
15	14.251	1893	1898	1902	rVB	95447	121754	3.05%	0.268%
16	14.339	1907	1913	1921	rBV2	1744906	2671108	67.00%	5.887%
17	14.551	1942	1949	1963	rBV	544782	901462	22.61%	1.987%
18	15.204	2054	2060	2066	rVB2	109785	137333	3.44%	0.303%
19	15.333	2076	2082	2089	rVB	1887325	2752137	69.03%	6.066%
20	15.457	2097	2103	2113	rBV	533197	738081	18.51%	1.627%
21	16.068	2202	2207	2214	rBV	85432	132932	3.33%	0.293%
22	16.856	2336	2341	2346	rBV3	37850	55678	1.40%	0.123%
23	17.086	2374	2380	2386	rBV2	2396018	3401293	85.31%	7.497%
24	17.186	2391	2397	2411	rVB2	2204722	3089983	77.51%	6.811%
25	17.992	2524	2534	2540	rBV2	302439	414564	10.40%	0.914%
26	19.127	2721	2727	2728	rBV4	41430	66308	1.66%	0.146%
27	19.150	2728	2731	2738	rVB	49151	78458	1.97%	0.173%
28	19.274	2748	2752	2761	rBV2	231313	302386	7.58%	0.666%
29	19.480	2781	2787	2795	rBV	2605598	3668873	92.03%	8.087%
30	19.539	2795	2797	2805	rVB7	39105	47639	1.19%	0.105%
31	20.997	3041	3045	3057	rBV	467112	658913	16.53%	1.452%
32	21.274	3086	3092	3098	rBV	3228030	3986752	100.00%	8.787%
33	23.362	3440	3447	3459	rVB	1723392	3253643	81.61%	7.171%
34	23.503	3464	3471	3478	rVB2	1739496	3224127	80.87%	7.106%

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Title : SVOA CALIBRATION

Sum of corrected areas: 45369963

LSC Report - Integrated Chromatogram

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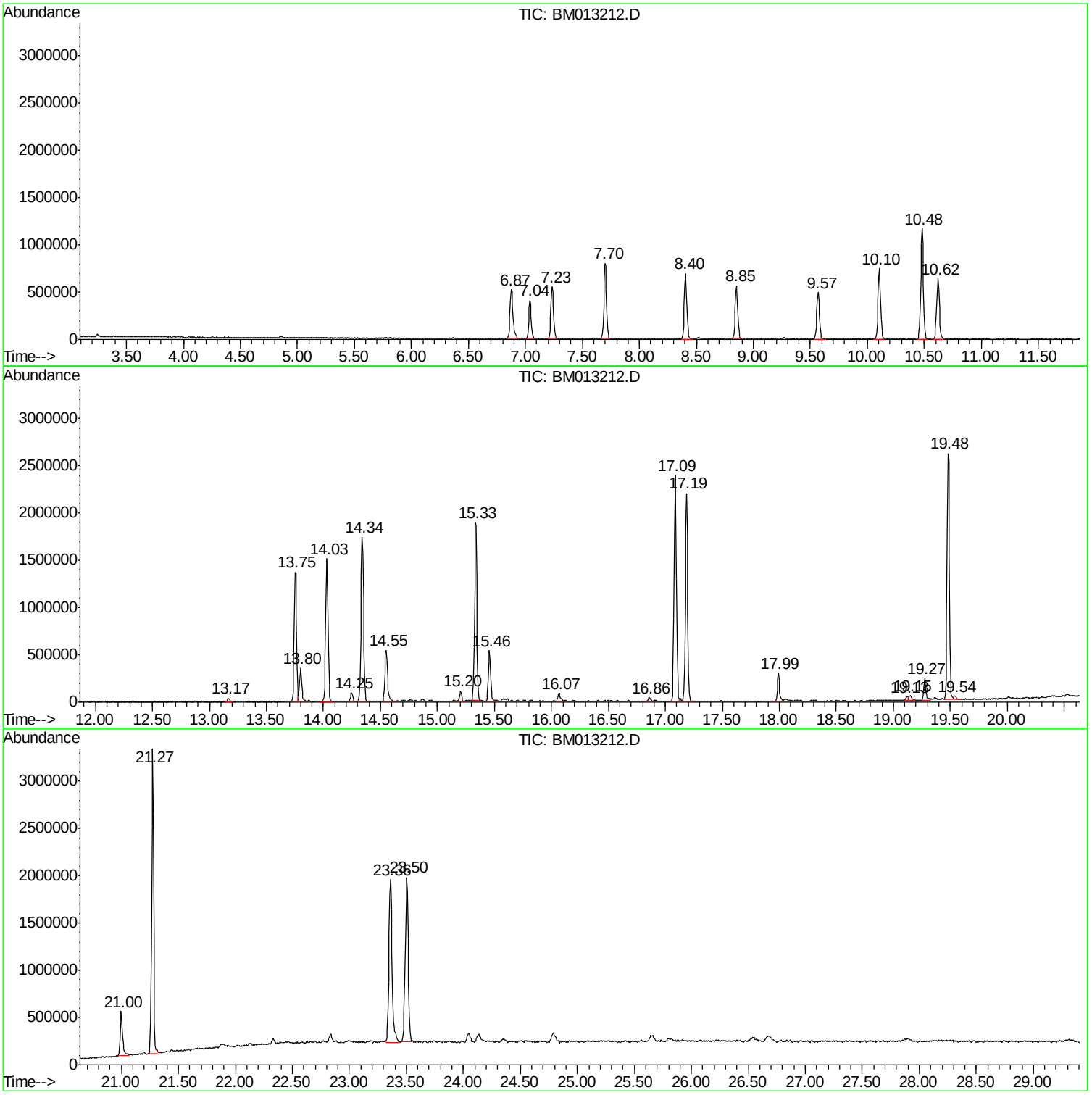
Acq On : 06 Dec 2017 16:49
Operator : SJ/JU
Sample : I6647-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0249

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\BM120617\
Data File : BM013212.D
Acq On : 06 Dec 2017 16:49
Operator : SJ/JU
Sample : I6647-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0249

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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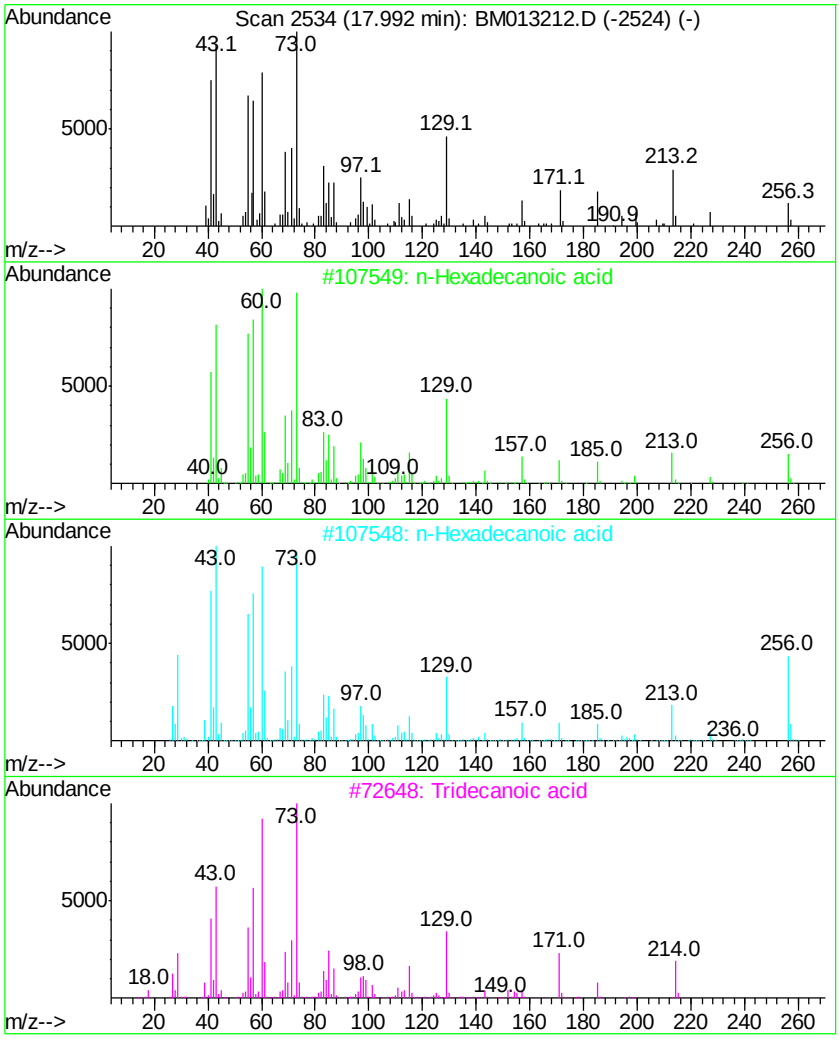
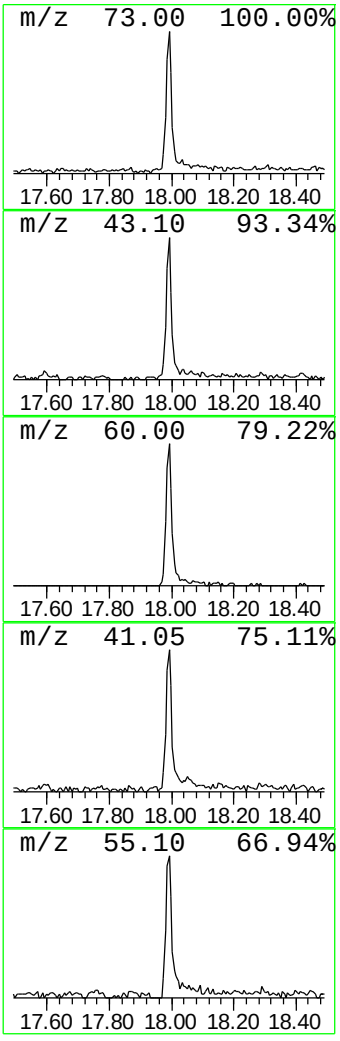
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.44 ng/ul	414564	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0249

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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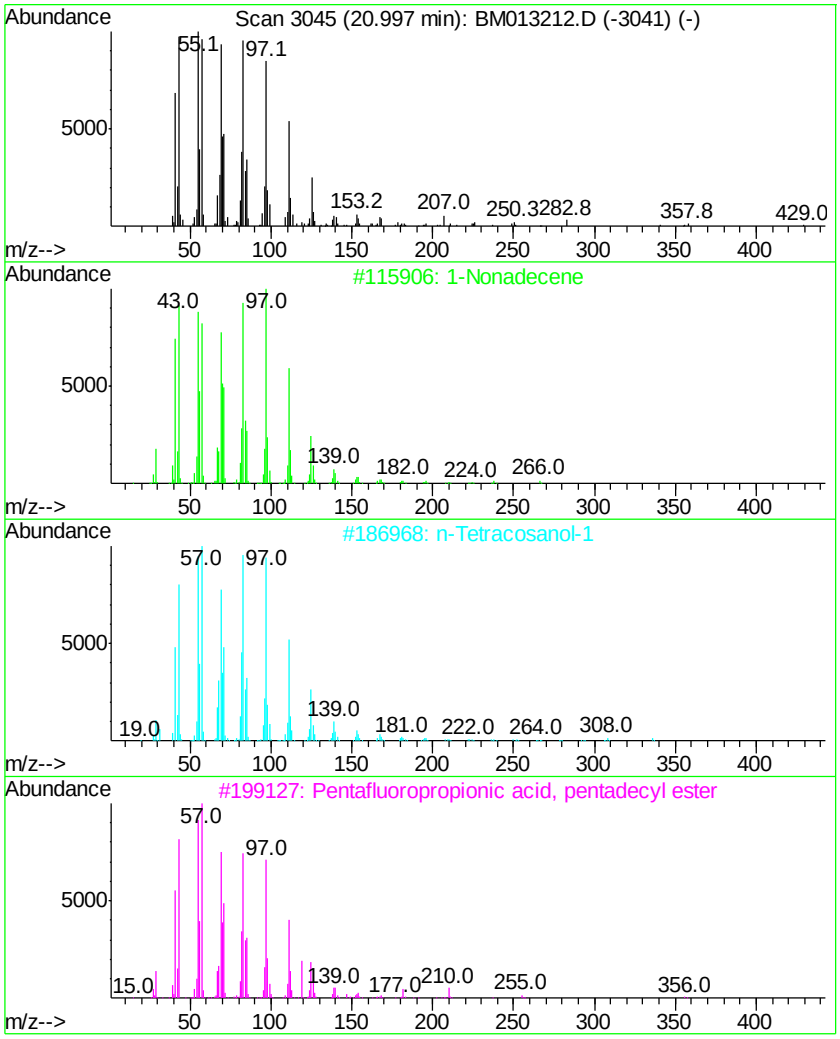
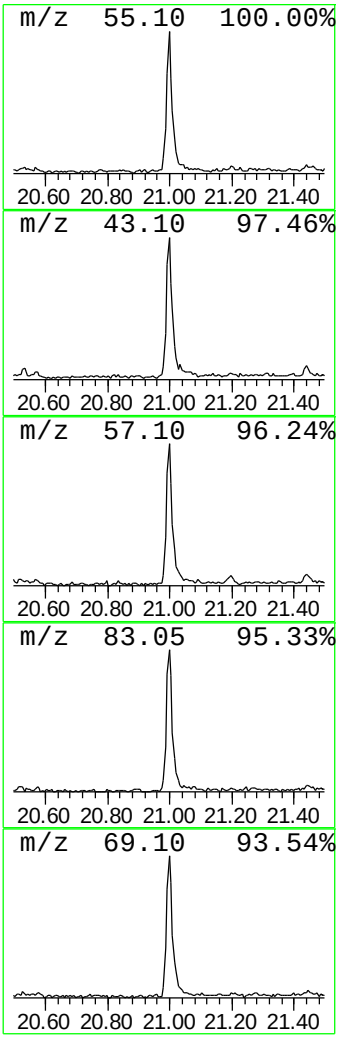
Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.31 ng/ul	658913	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : I6647-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0249

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	17.99	2.4	ng/ul	414564	4	17.09	3401290	20.0
(DEL) Alkane: Cyc...	21.00	3.3	ng/ul	658913	5	21.27	3986750	20.0