LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013248.D
Acq On : 07 Dec 2017 18:04
Operator : SJ/JU
Sample : I6719-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG6

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	3.246	22	27	32	rBV2	59499	80595	1.73%	0.144%
2	6.881	638	645	656	rVB	1085190	1869057	40.12%	3.336%
3	7.040	659	672	680	rBV	859896	1304055	27.99%	2.327%
4	7.234	697	705	714	rBV	1202856	1866441	40.06%	3.331%
5	7.698	778	784	792	rVB	840545	1320834	28.35%	2.357%
6	8.410	896	905	914	rBV	1381330	2260736	48.53%	4.035%
7	8.851	972	980	989	rVB	1093159	1791290	38.45%	3.197%
8	8.981	994	1002	1007	rBV4	37037	57611	1.24%	0.103%
9	9.569	1094	1102	1113	rBV	933836	1561236	33.51%	2.786%
10	10.104	1186	1193	1204	rBV	1400188	2318555	49.77%	4.138%
11	10.481	1249	1257	1266	rVB	1073474	1773946	38.08%	3.166%
12	10.622	1273	1281	1293	rBV	1284966	2169672	46.57%	3.872%
13	13.757	1808	1814	1818	rBV	2177804	2992263	64.23%	5.340%
14	13.804	1818	1822	1830	rVB	602884	844046	18.12%	1.506%
15	14.033	1849	1861	1867	rBV	2538628	3738034	80.24%	6.671%
16	14.192	1879	1888	1894	rBV3	60823	144256	3.10%	0.257%
17	14.245	1894	1897	1903	rVB3	66263	94165	2.02%	0.168%
18	14.345	1907	1914	1923	rVB2	1330347	2111797	45.33%	3.769%
19	14.557	1944	1950	1960	rBV2	677525	1070128	22.97%	1.910%
20	15.151	2045	2051	2054	rBV2	36674	57743	1.24%	0.103%
21	15.204	2056	2060	2067	rVB2	68944	92034	1.98%	0.164%
22	15.339	2075	2083	2091	rVB	2891387	4128155	88.61%	7.367%
23	15.463	2098	2104	2113	rBV	524877	752834	16.16%	1.344%
24	15.580	2120	2124	2128	rBV3	37779	60945	1.31%	0.109%
25	15.998	2189	2195	2198	rBV4	37110	54760	1.18%	0.098%
26	16.069	2202	2207	2216	rVV2	58209	100959	2.17%	0.180%
27	16.857	2338	2341	2345	rBV3	38949	50132	1.08%	0.089%
28	17.092	2375	2381	2388	rVB2	1596707	2291987	49.20%	4.090%
29	17.192	2391	2398	2405	rBV2	2927517	4237734	90.96%	7.563%
30	17.992	2529	2534	2542	rBV2	348916	507133	10.89%	0.905%
31	19.121	2722	2726	2731	rBV3	45966	78311	1.68%	0.140%
32	19.274	2748	2752	2757	rBV2	192812	258371	5.55%	0.461%
33	19.486	2782	2788	2794	rBV	3431382	4571327	98.12%	8.158%
34	20.998	3041	3045	3050	rBV3	188659	256136	5.50%	0.457%

LSC Area Percent Report

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ClientSampleId : JHPG6

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

35	21.280	3088	3093	3098	rBV	1803231	2277453	48.88%	4.065%
36	23.374	3442	3449	3461	rVB	2480882	4658812	100.00%	8.315%
37	23.509	3467	3472	3480	rVB2	1185291	2228445	47.83%	3.977%

Sum of corrected areas: 56031988

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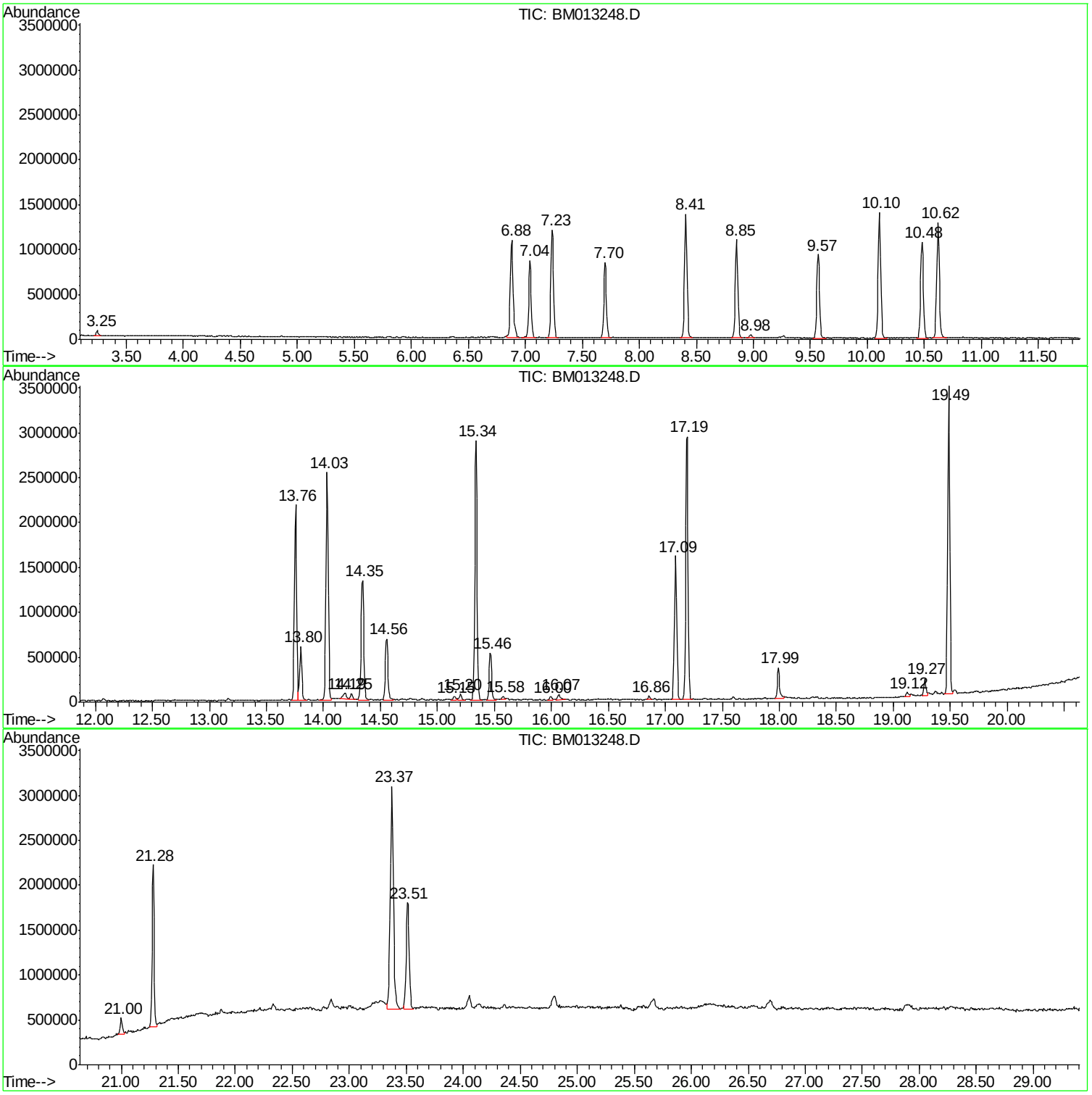
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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\BM120717\
Data File : BM013248.D
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Misc :
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Instrument : BNA_M
ClientSampleId : JHPG6

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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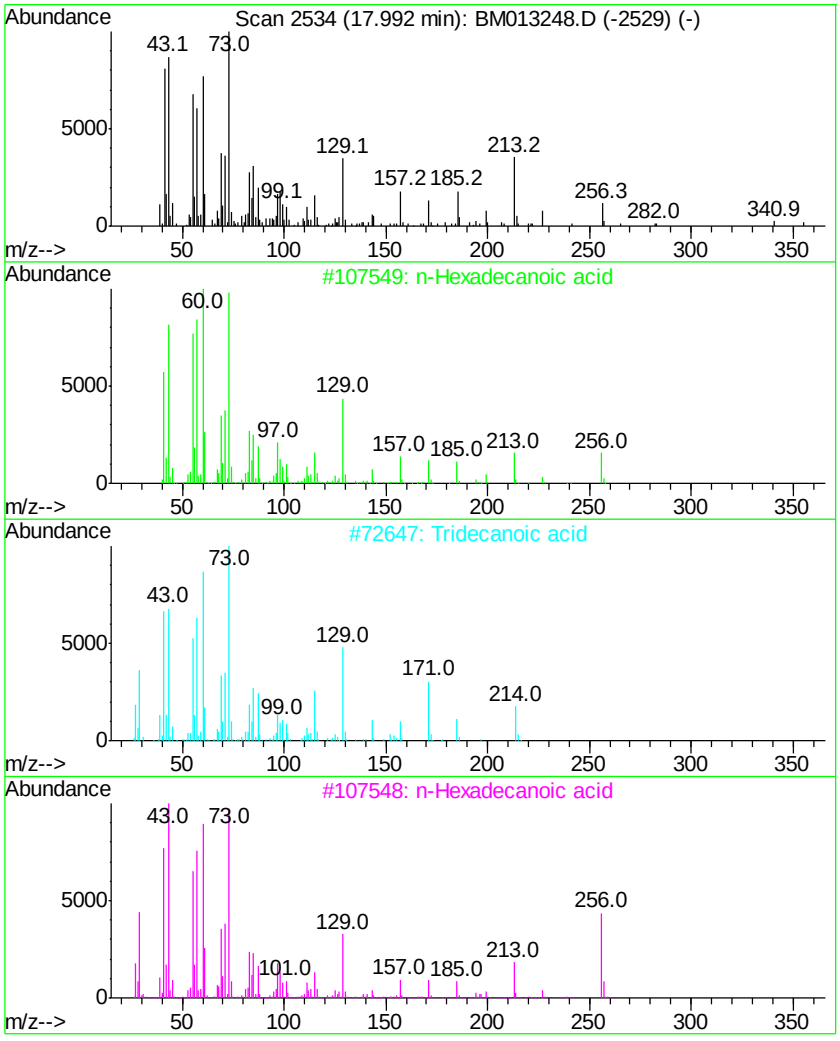
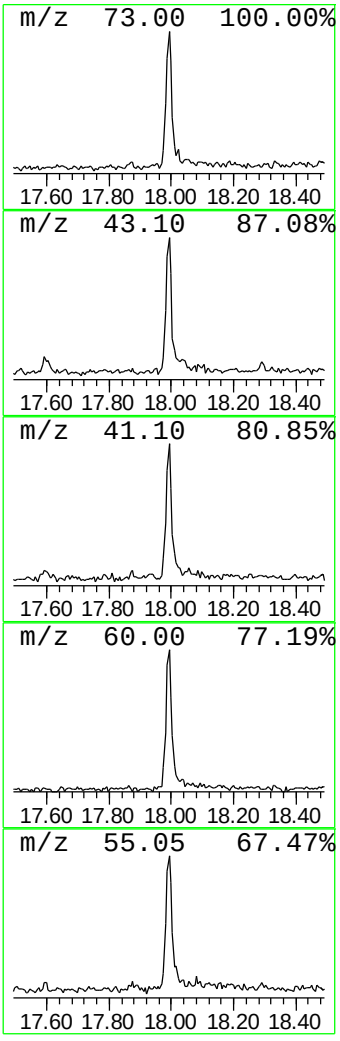
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.43 ng/ul	507133	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013248.D
Acq On : 07 Dec 2017 18:04
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Sample : I6719-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG6

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

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TIC Integration Parameters: LSCINT.P

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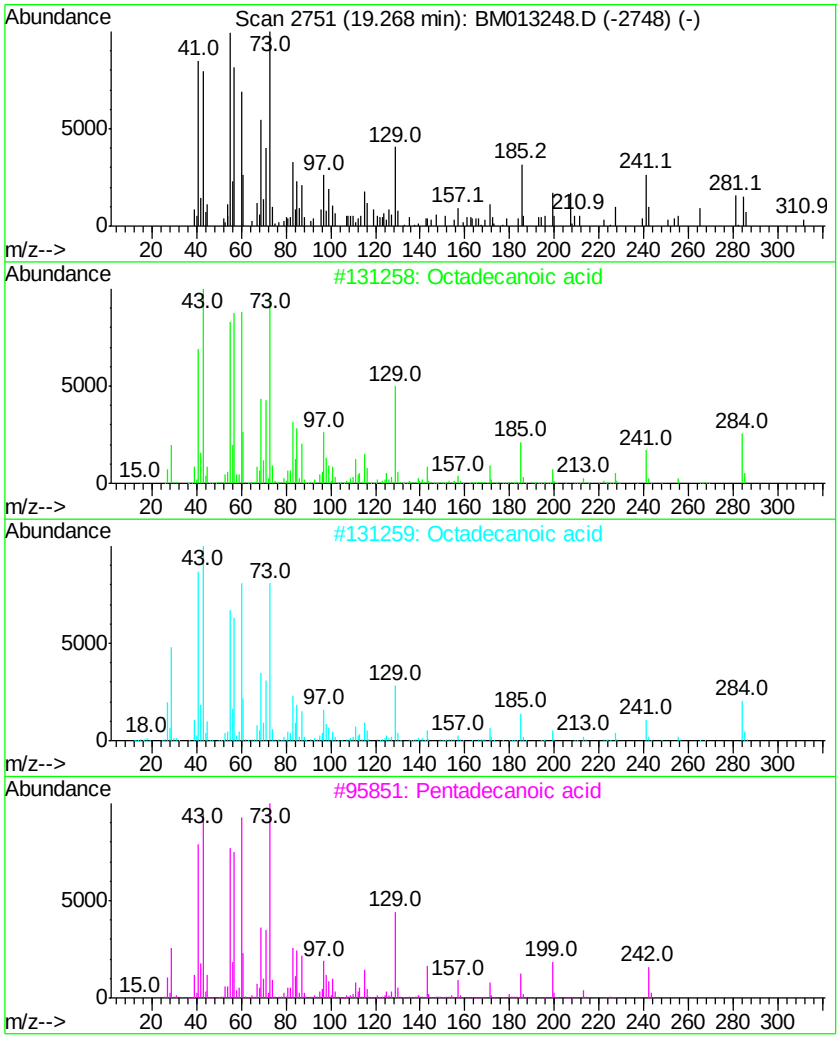
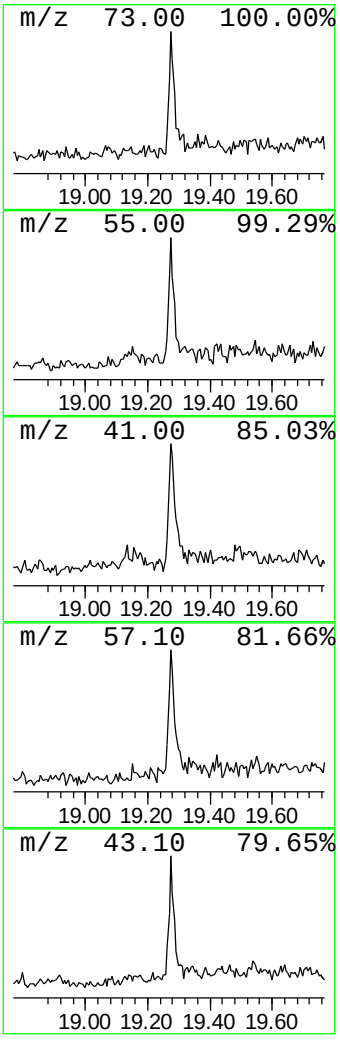
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.27 ng/ul	258371	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Operator : SJ/JU
Sample : I6719-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG6

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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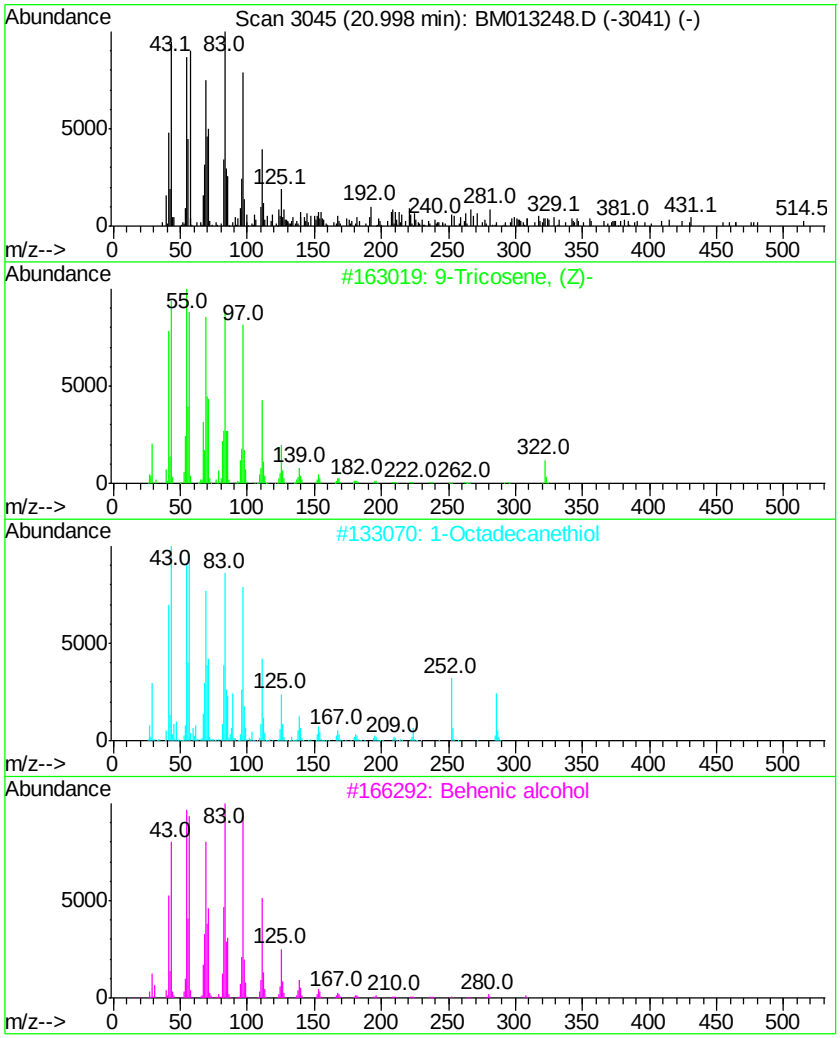
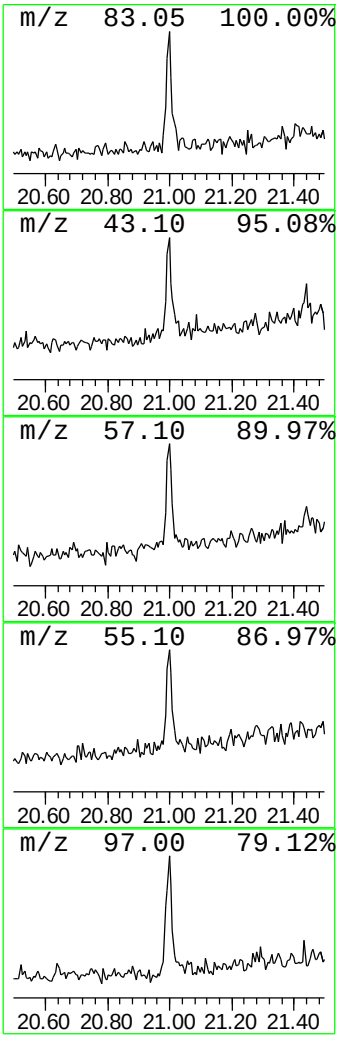
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.25 ng/ul	256136	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Octadecanethiol	286	C18H38S	002885-00-9	90
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120717\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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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	4.4	ng/ul	507133	4	17.09	2291990	20.0
Octadecanoic acid	19.27	2.3	ng/ul	258371	5	21.28	2277450	20.0
(DEL) Alkane: Cyc...	21.00	2.3	ng/ul	256136	5	21.28	2277450	20.0