LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013247.D
Acq On : 07 Dec 2017 17:28
Operator : SJ/JU
Sample : I6719-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG2

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	3.240	22	26	33	rBV	58989	70788	1.57%	0.119%
2	6.881	635	645	655	rBV	1239197	2110401	46.86%	3.534%
3	7.040	666	672	680	rVB	948965	1409985	31.31%	2.361%
4	7.234	697	705	712	rBV	1275858	2023439	44.93%	3.389%
5	7.698	777	784	792	rVB	953680	1508410	33.50%	2.526%
6	8.410	897	905	912	rBV	1603658	2537782	56.36%	4.250%
7	8.857	973	981	988	rBV	1225511	2018757	44.83%	3.381%
8	9.569	1095	1102	1110	rBV	1084555	1799786	39.97%	3.014%
9	10.104	1186	1193	1204	rVB	1520832	2597633	57.68%	4.350%
10	10.481	1249	1257	1266	rBV	1250849	2084001	46.28%	3.490%
11	10.622	1270	1281	1293	rBV	1467008	2467975	54.81%	4.133%
12	12.069	1523	1527	1534	rVB	30234	49099	1.09%	0.082%
13	13.169	1707	1714	1719	rVB	44446	66520	1.48%	0.111%
14	13.757	1808	1814	1818	rBV	2464169	3338063	74.13%	5.591%
15	13.804	1818	1822	1830	rVB	574799	813823	18.07%	1.363%
16	14.033	1851	1861	1867	rBV	2871436	4177914	92.78%	6.997%
17	14.192	1881	1888	1893	rBV3	59786	126210	2.80%	0.211%
18	14.245	1893	1897	1905	rVB	109412	157042	3.49%	0.263%
19	14.345	1905	1914	1926	rVB2	1584355	2514908	55.85%	4.212%
20	14.557	1943	1950	1960	rBV	664692	1068370	23.72%	1.789%
21	14.698	1968	1974	1980	rBV9	16845	45725	1.02%	0.077%
22	15.204	2056	2060	2064	rVB	115878	140392	3.12%	0.235%
23	15.339	2076	2083	2090	rVB	3215559	4503173	100.00%	7.542%
24	15.469	2099	2105	2114	rBV	497703	723621	16.07%	1.212%
25	15.580	2117	2124	2127	rVV4	44999	83967	1.86%	0.141%
26	16.068	2202	2207	2214	rBV	82110	128616	2.86%	0.215%
27	16.857	2337	2341	2346	rBV3	60143	81627	1.81%	0.137%
28	17.092	2374	2381	2388	rVB2	1735884	2474470	54.95%	4.144%
29	17.192	2391	2398	2405	rVB	3011717	4307319	95.65%	7.214%
30	17.992	2529	2534	2543	rBV	454437	601828	13.36%	1.008%
31	19.121	2722	2726	2729	rBV2	56881	87708	1.95%	0.147%
32	19.274	2749	2752	2760	rBV2	186696	263023	5.84%	0.441%
33	19.486	2782	2788	2794	rBV	3125891	4273324	94.90%	7.157%
34	19.539	2794	2797	2801	rVB2	61414	82468	1.83%	0.138%

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Title : SVOA CALIBRATION

35	20.998	3041	3045	3049	rBV	461871	575260	12.77%	0.963%
36	21.280	3088	3093	3098	rBV	1731494	2241600	49.78%	3.754%
37	23.374	3443	3449	3463	rVB	2144058	4032906	89.56%	6.754%
38	23.515	3467	3473	3479	rVB	1142370	2121067	47.10%	3.552%

Sum of corrected areas: 59709000

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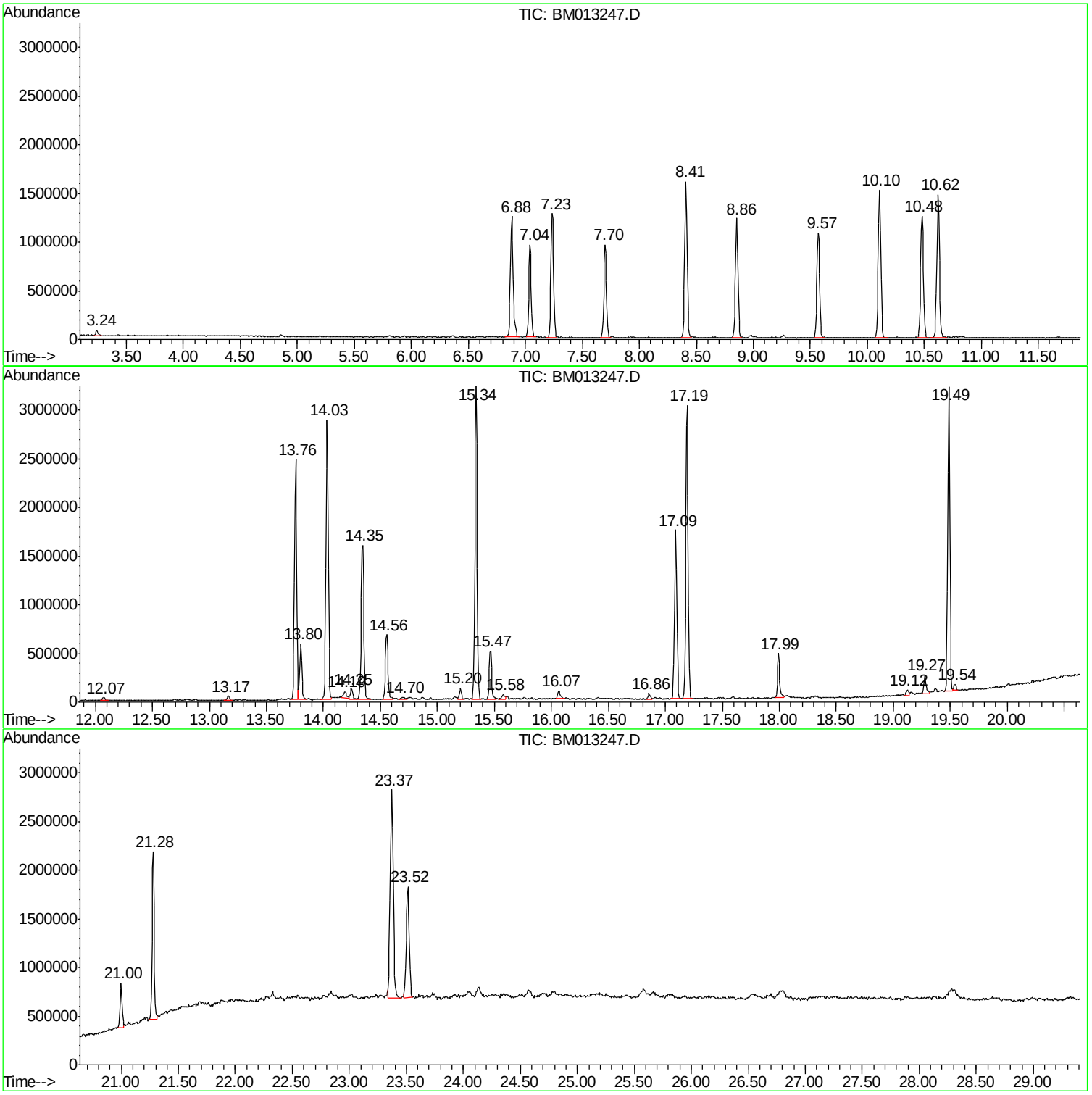
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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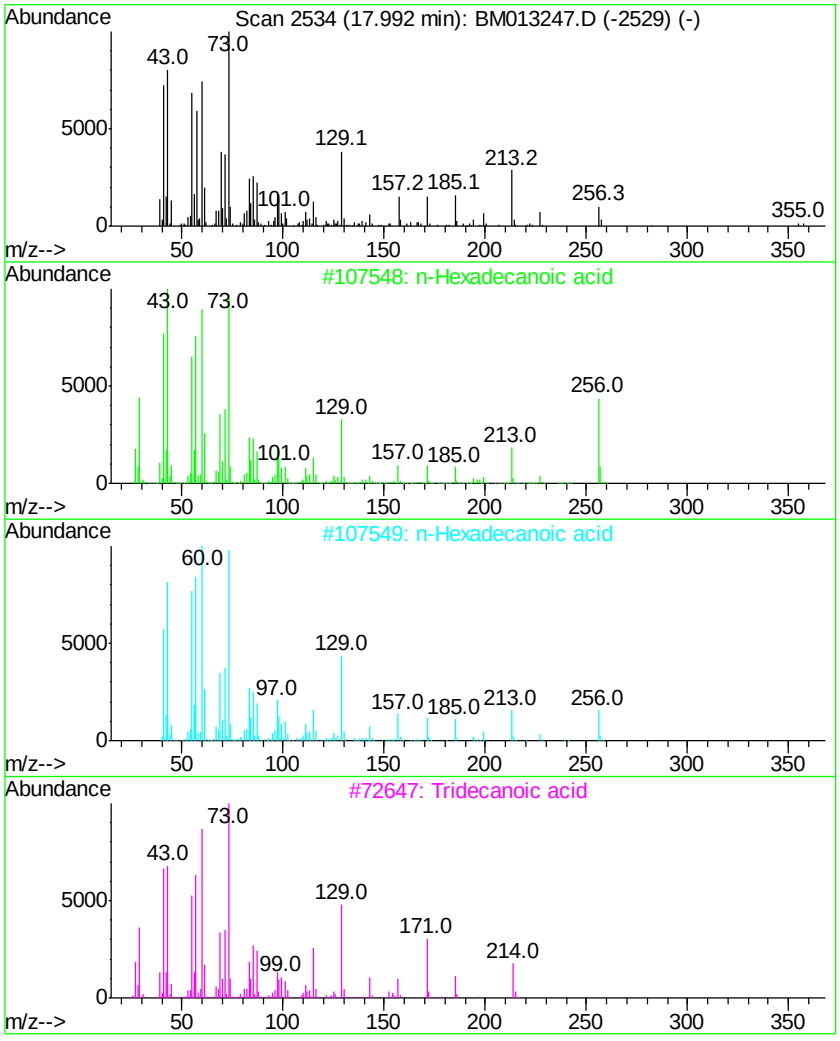
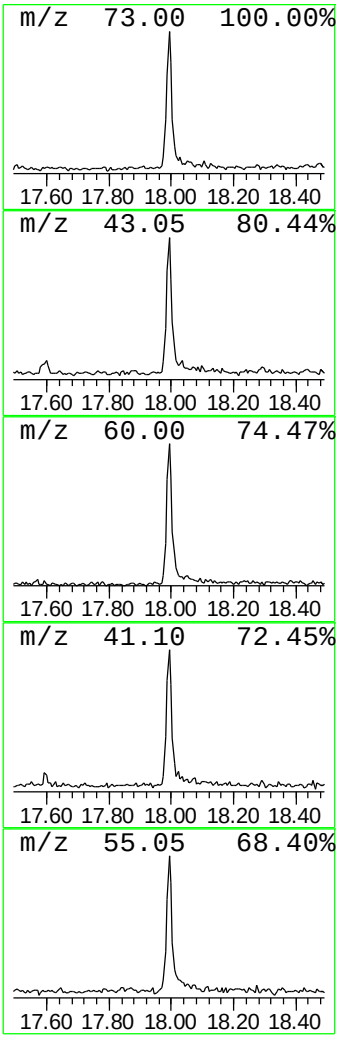
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.86 ng/ul	601828	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : JHPG2

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

TIC Library : C:\DATABASE\NIST11.L
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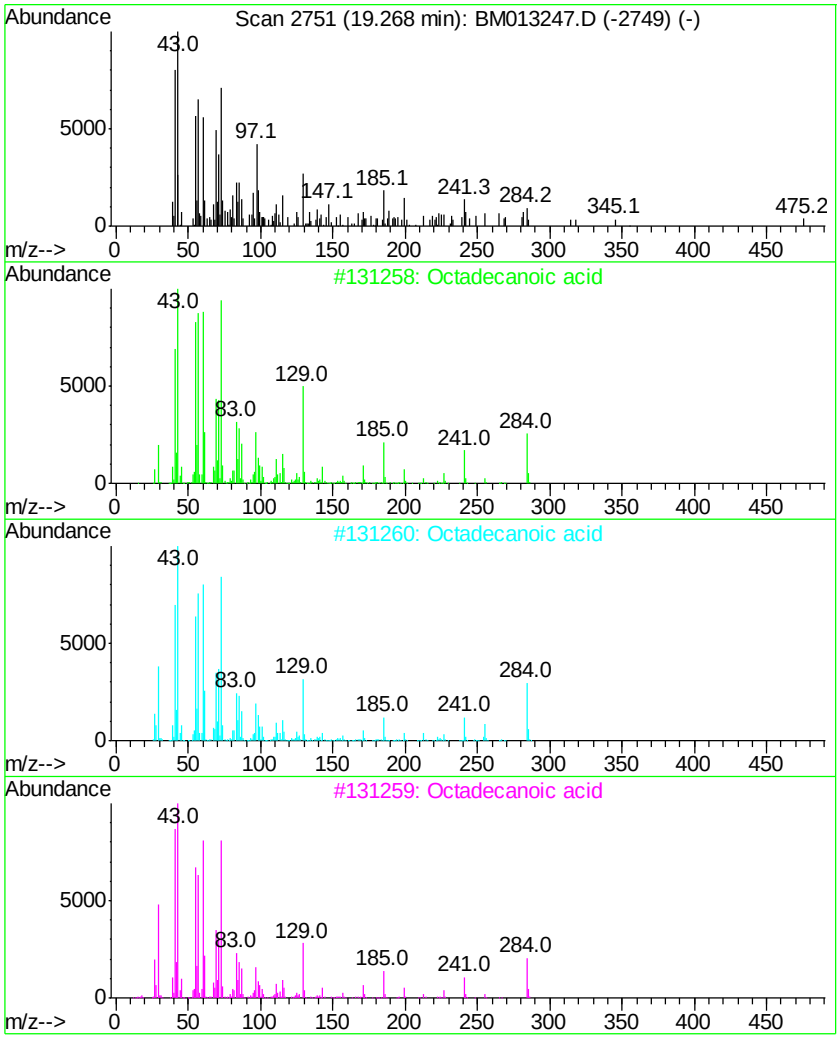
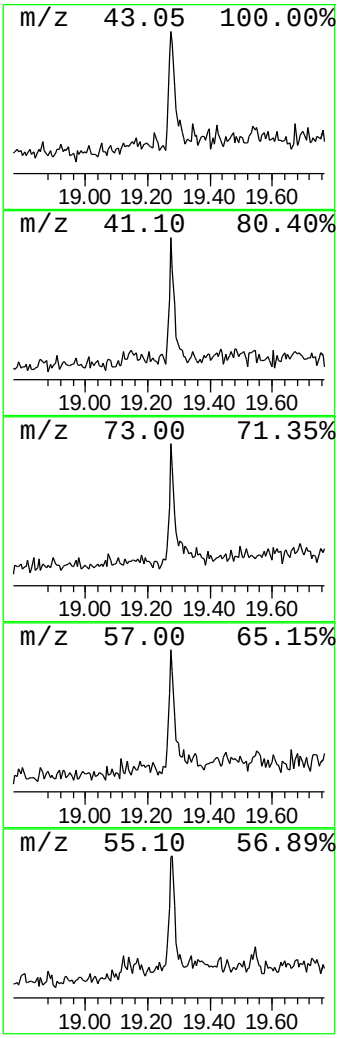
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.35 ng/ul	263023	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Instrument : BNA_M
ClientSampleId : JHPG2

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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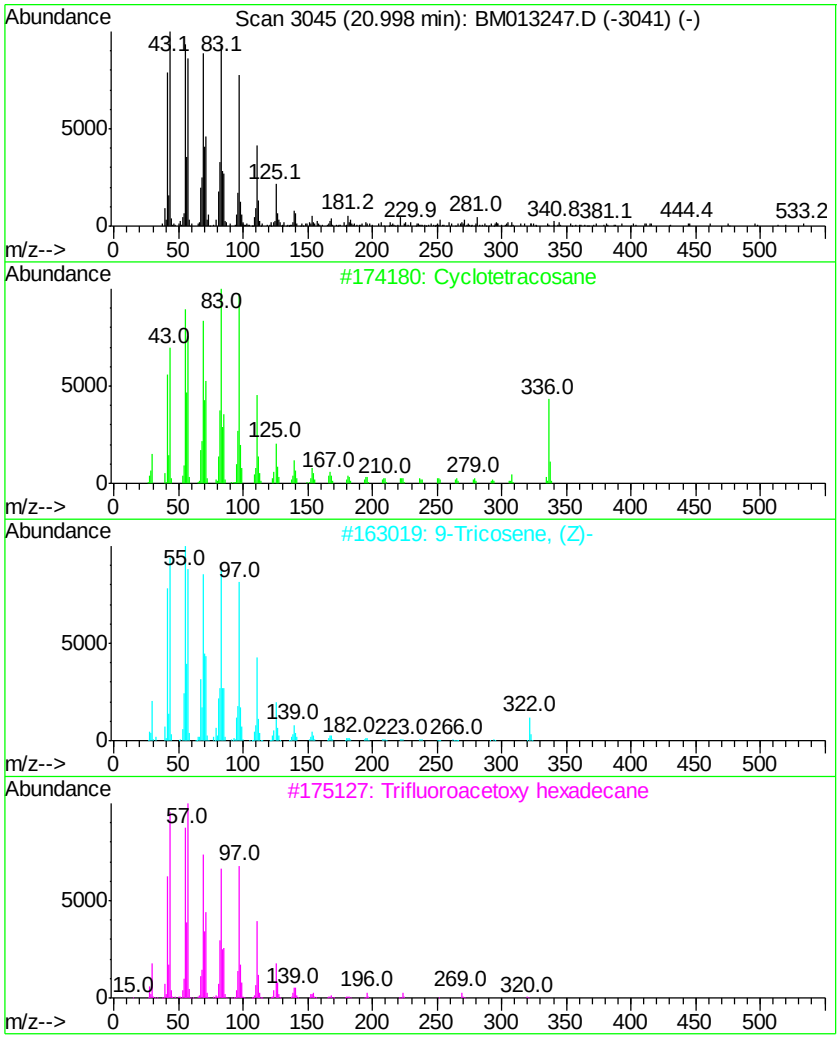
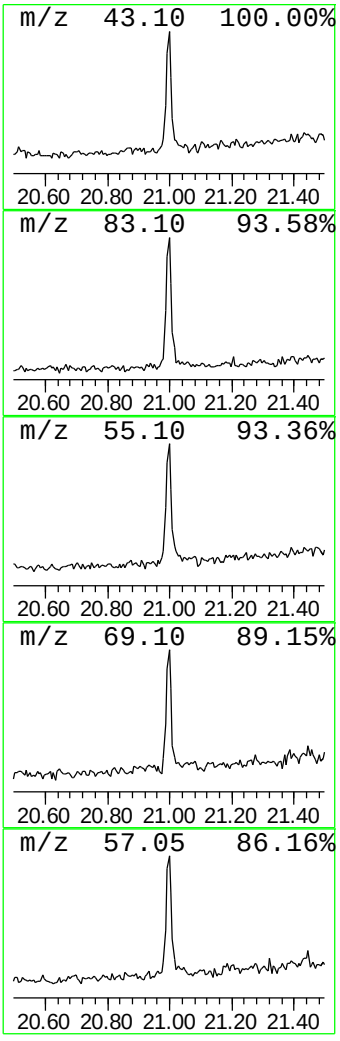
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.13 ng/ul	575260	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	86





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	4.9	ng/ul	601828	4	17.09	2474470	20.0
Octadecanoic acid	19.27	2.4	ng/ul	263023	5	21.28	2241600	20.0
(DEL) Alkane: Cyc...	21.00	5.1	ng/ul	575260	5	21.28	2241600	20.0