LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
Data File : BM015751.D
Acq On : 25 Jun 2018 15:52
Operator : SJ/JU
Sample : J3569-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	3.534	38	42	51	rVB	26708	41083	1.42%	0.123%
2	7.463	702	710	727	rBV	549877	994720	34.33%	2.972%
3	7.634	732	739	750	rVV	405063	630030	21.74%	1.882%
4	7.840	767	774	784	rBV	585993	961310	33.18%	2.872%
5	8.316	849	855	862	rBV	463626	757548	26.15%	2.263%
6	9.028	970	976	986	rBV	661216	1109623	38.30%	3.315%
7	9.504	1049	1057	1067	rBV	532633	912882	31.51%	2.727%
8	10.228	1174	1180	1193	rBV	479786	807736	27.88%	2.413%
9	10.763	1265	1271	1284	rBV	667420	1193770	41.20%	3.566%
10	11.145	1329	1336	1346	rBV	652881	1091046	37.66%	3.259%
11	11.286	1353	1360	1372	rBV	654480	1127410	38.91%	3.368%
12	14.333	1872	1878	1883	rBV	1174512	1664357	57.44%	4.972%
13	14.380	1883	1886	1897	rVB	437267	587781	20.29%	1.756%
14	14.633	1923	1929	1938	rBV	1357628	1938400	66.90%	5.791%
15	14.786	1948	1955	1960	rBB	35613	46579	1.61%	0.139%
16	14.939	1974	1981	1988	rBV2	893319	1395260	48.16%	4.168%
17	15.139	2007	2015	2027	rBV	278326	542111	18.71%	1.619%
18	15.727	2111	2115	2120	rVB	55800	68464	2.36%	0.205%
19	15.921	2141	2148	2162	rVB	1642602	2404846	83.00%	7.184%
20	16.051	2162	2170	2177	rBV	334355	488659	16.87%	1.460%
21	16.580	2256	2260	2269	rBV	58992	90243	3.11%	0.270%
22	17.368	2389	2394	2398	rBV	29735	38178	1.32%	0.114%
23	17.663	2437	2444	2453	rBV2	1173357	1657394	57.20%	4.951%
24	17.757	2454	2460	2469	rVV2	1721979	2529593	87.31%	7.557%
25	18.498	2581	2586	2597	rBV	407266	586369	20.24%	1.752%
26	19.398	2735	2739	2741	rBV	39585	44180	1.52%	0.132%
27	19.427	2741	2744	2748	rVB3	54536	62382	2.15%	0.186%
28	19.609	2771	2775	2777	rBV5	32155	42768	1.48%	0.128%
29	19.745	2794	2798	2807	rBV	212306	307485	10.61%	0.919%
30	20.015	2838	2844	2850	rBV	2075151	2897361	100.00%	8.655%
31	21.427	3081	3084	3089	rBV	183339	234738	8.10%	0.701%
32	21.768	3137	3142	3149	rBV	1502172	1899956	65.58%	5.676%
33	24.021	3519	3525	3534	rVB	1351176	2606880	89.97%	7.788%
34	24.174	3545	3551	3563	rVB2	838786	1713289	59.13%	5.118%

LSC Area Percent Report

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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 33474431

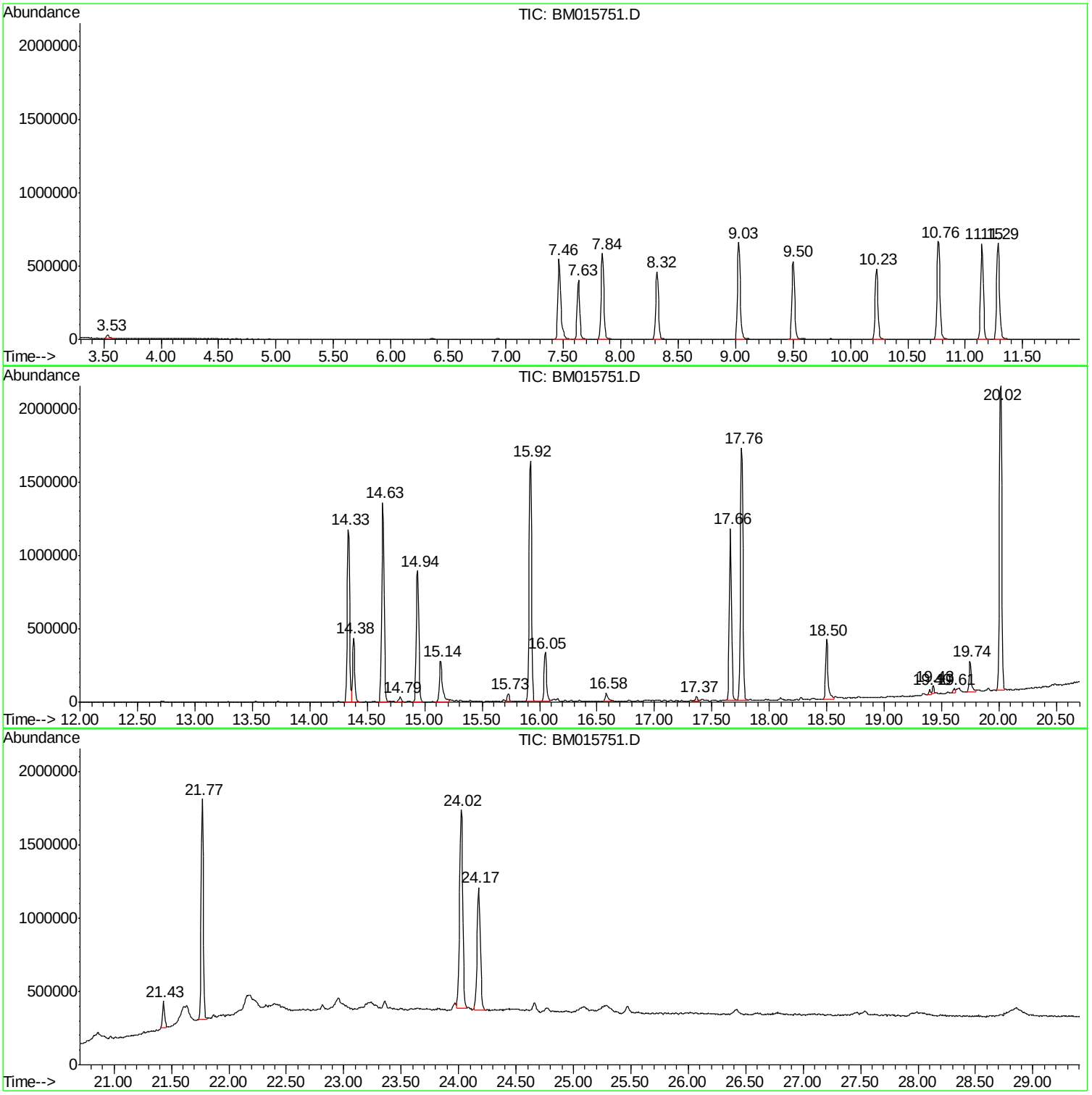
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
Data File : BM015751.D
Acq On : 25 Jun 2018 15:52
Operator : SJ/JU
Sample : J3569-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
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ClientSampleId : DAXR3

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Quant Title : SVOA CALIBRATION

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

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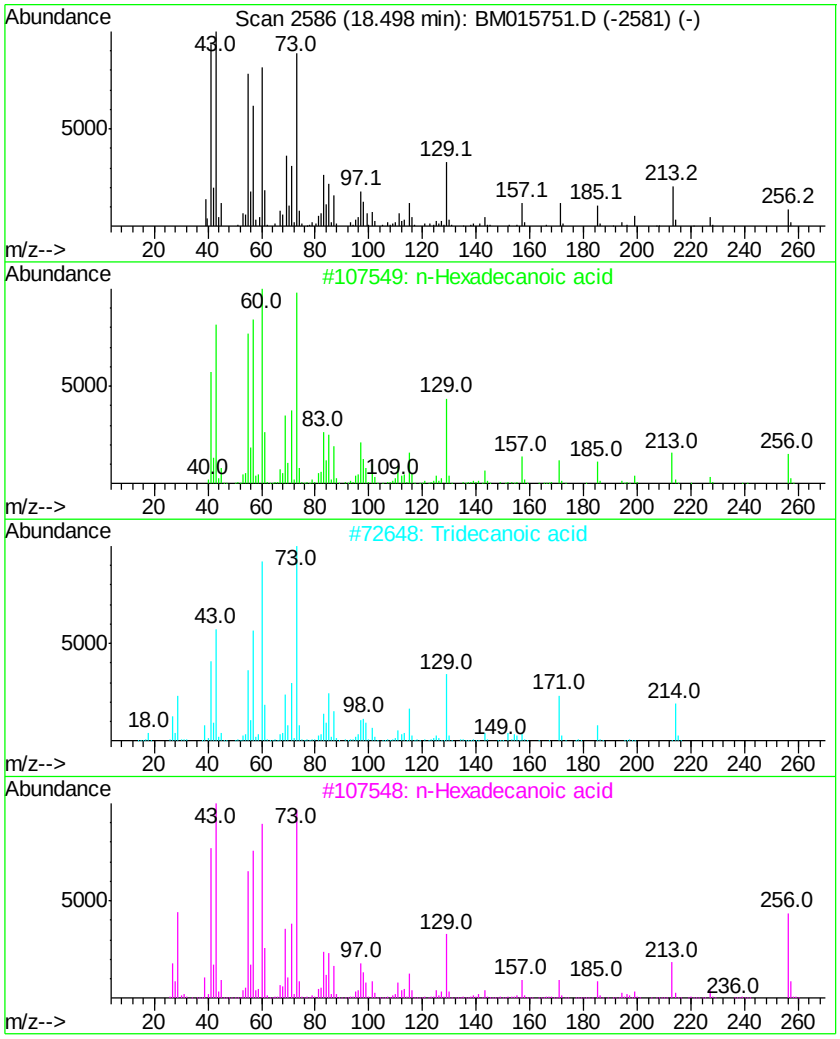
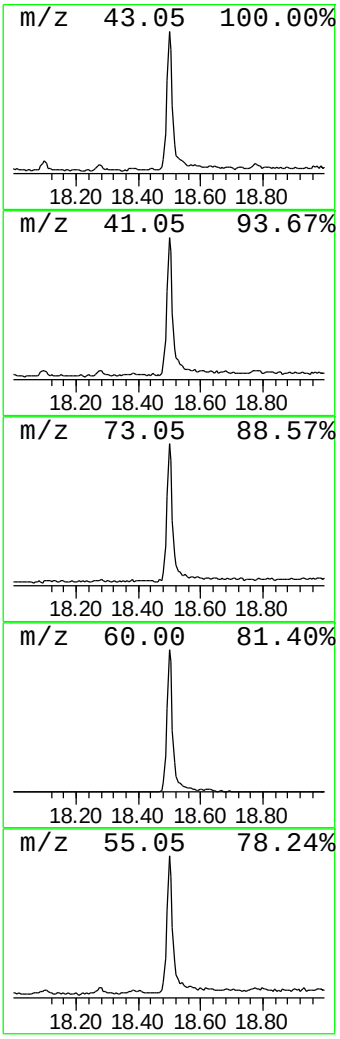
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.08 ng/ul	586369	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

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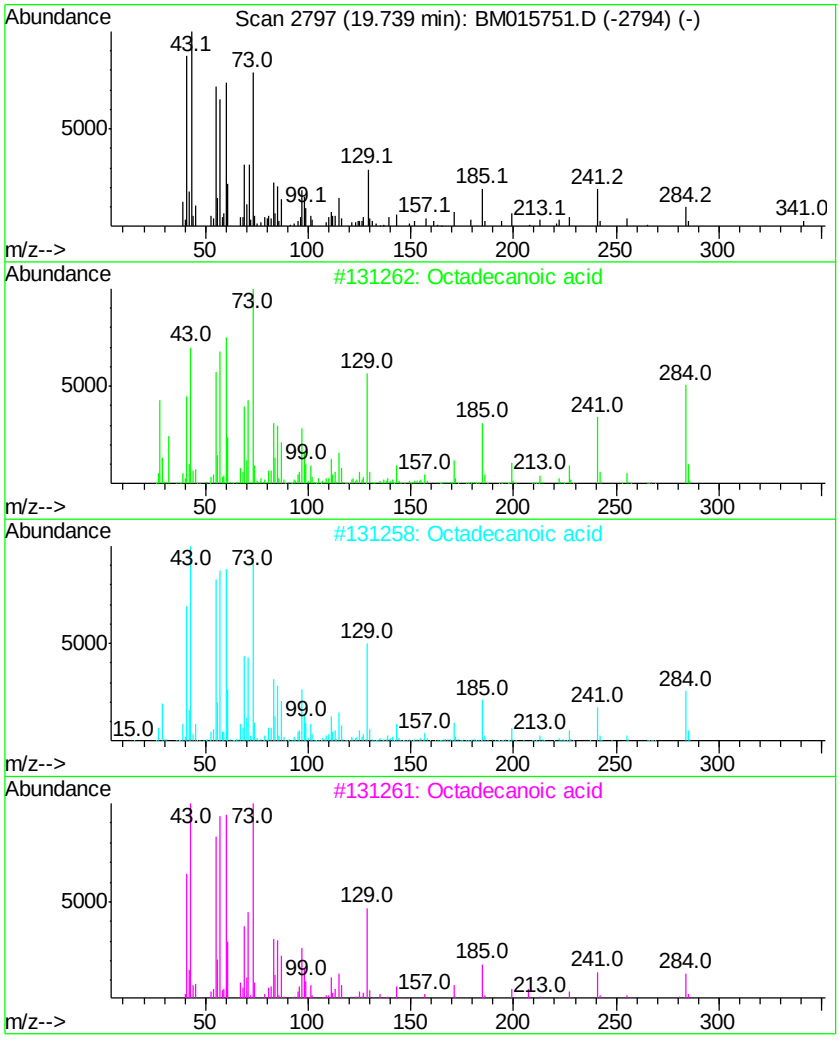
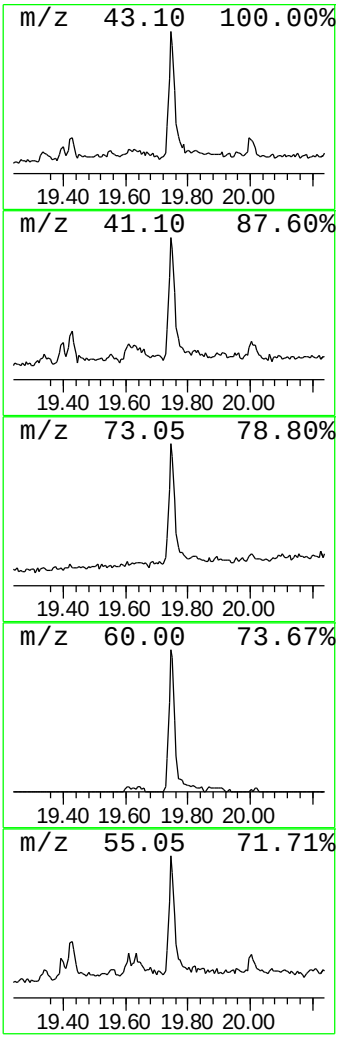
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.24 ng/ul	307485	Chrysene-d12	21.77

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	86





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

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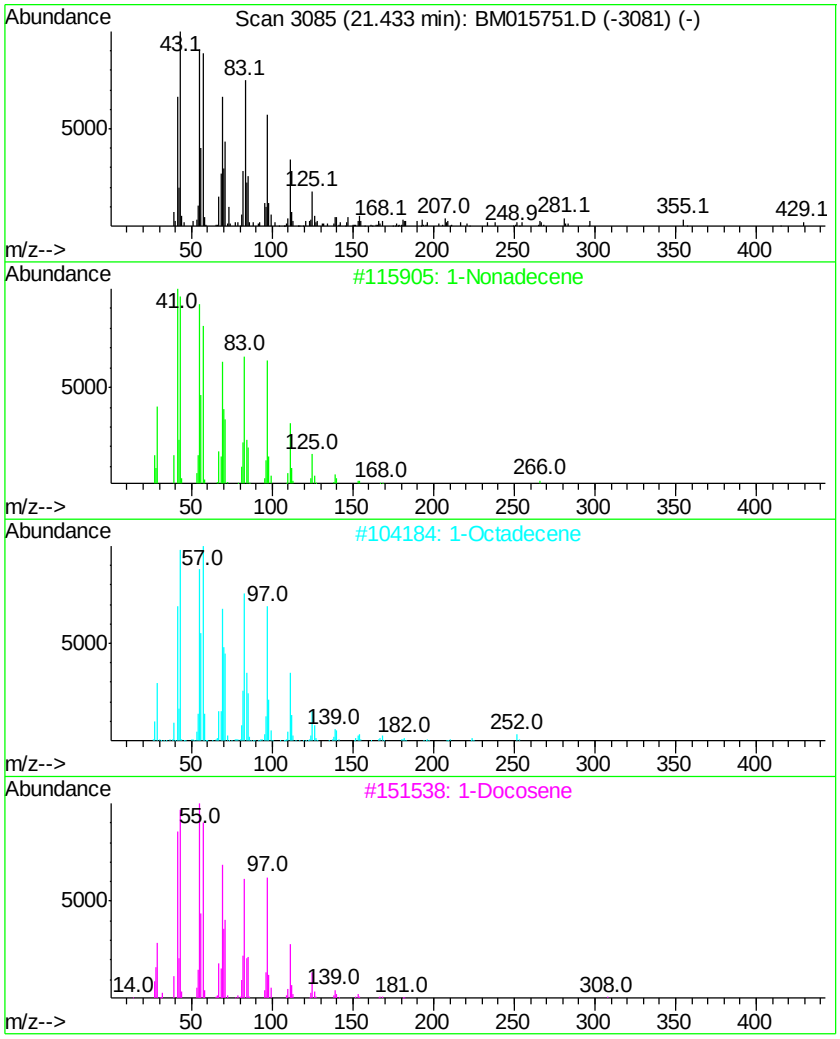
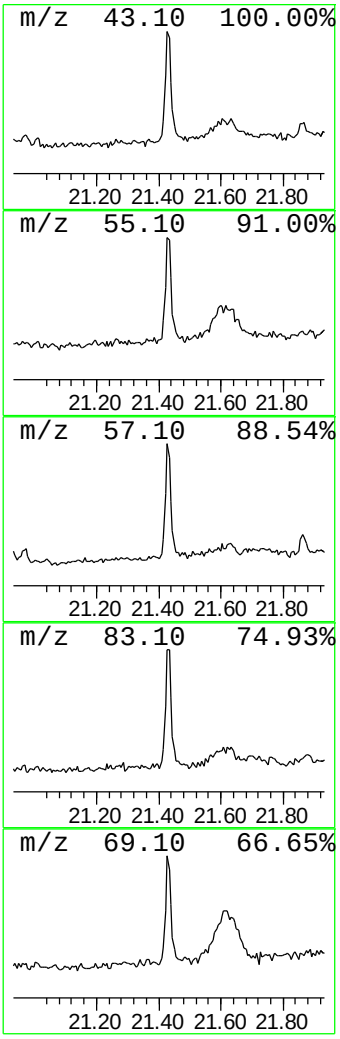
Peak Number 3 (DEL) Alkane: Cyclic21.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.47 ng/ul	234738	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Octadecene	252	C18H36	000112-88-9	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94





Tentatively Identified Compound (LSC) summary

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Data File : BM015751.D
Acq On : 25 Jun 2018 15:52
Operator : SJ/JU
Sample : J3569-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	18.50	7.1	ng/ul	586369	4	17.66	1657390	20.0
Octadecanoic acid	19.74	3.2	ng/ul	307485	5	21.77	1899960	20.0
(DEL) Alkane: Cyc...	21.43	2.5	ng/ul	234738	5	21.77	1899960	20.0