LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
Data File : BM015755.D
Acq On : 25 Jun 2018 18:20
Operator : SJ/JU
Sample : J3569-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR1

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	36	42	49	rBV	25120	40568	1.42%	0.125%
2	7.463	704	710	726	rBV2	249317	498840	17.40%	1.537%
3	7.634	732	739	753	rBV	412196	647210	22.58%	1.995%
4	7.839	768	774	782	rBV	407029	690900	24.10%	2.129%
5	8.316	848	855	869	rBV	465694	756091	26.38%	2.330%
6	9.028	968	976	994	rBV	266406	475683	16.59%	1.466%
7	9.504	1050	1057	1067	rBV	537411	927081	32.34%	2.857%
8	9.592	1067	1072	1077	rVV	27893	44434	1.55%	0.137%
9	10.228	1172	1180	1199	rBV	469562	802175	27.99%	2.472%
10	10.763	1265	1271	1291	rBV	527065	961569	33.55%	2.964%
11	11.145	1329	1336	1343	rBV	644261	1083132	37.79%	3.338%
12	11.286	1351	1360	1372	rVV	401386	706473	24.65%	2.177%
13	12.045	1484	1489	1495	rBV2	21269	47161	1.65%	0.145%
14	12.786	1609	1615	1621	rBV	20607	34022	1.19%	0.105%
15	13.004	1646	1652	1664	rBV3	32621	62722	2.19%	0.193%
16	14.333	1871	1878	1882	rVV	1178626	1641730	57.27%	5.060%
17	14.380	1882	1886	1900	rVB	597914	815421	28.45%	2.513%
18	14.633	1922	1929	1938	rBV	1322577	1916380	66.86%	5.906%
19	14.780	1949	1954	1963	rVB	46050	65408	2.28%	0.202%
20	14.933	1972	1980	1992	rVB3	872789	1377195	48.05%	4.245%
21	15.145	2007	2016	2026	rBV	85969	194695	6.79%	0.600%
22	15.686	2103	2108	2111	rBV	26784	39953	1.39%	0.123%
23	15.727	2111	2115	2120	rVB	84677	105000	3.66%	0.324%
24	15.921	2141	2148	2162	rVB	1603866	2391501	83.43%	7.371%
25	16.051	2163	2170	2177	rBV	413025	632271	22.06%	1.949%
26	16.127	2177	2183	2186	rVV	26845	54899	1.92%	0.169%
27	16.580	2255	2260	2262	rBV	83391	116311	4.06%	0.358%
28	17.186	2359	2363	2368	rBV3	62435	81762	2.85%	0.252%
29	17.362	2389	2393	2397	rBV	47014	58908	2.06%	0.182%
30	17.662	2437	2444	2450	rBV	1119097	1643657	57.34%	5.066%
31	17.756	2454	2460	2472	rBV	1738091	2510066	87.57%	7.736%
32	17.992	2494	2500	2503	rBV5	20138	35120	1.23%	0.108%
33	18.098	2513	2518	2522	rBV	41935	52071	1.82%	0.160%
34	18.439	2573	2576	2581	rBV3	24267	30243	1.06%	0.093%

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Title : SVOA CALIBRATION

35	18.503	2581	2587	2596	rBV	653586	888715	31.00%	2.739%
36	18.780	2630	2634	2638	rVB	25385	28828	1.01%	0.089%
37	19.350	2727	2731	2735	rBV6	22400	28790	1.00%	0.089%
38	19.398	2735	2739	2741	rBV2	26521	29842	1.04%	0.092%
39	19.609	2771	2775	2776	rBV3	30076	34343	1.20%	0.106%
40	19.656	2780	2783	2789	rVB	53457	79328	2.77%	0.244%
41	19.750	2795	2799	2808	rBV	292919	406700	14.19%	1.253%
42	20.015	2838	2844	2849	rBV	2045609	2866425	100.00%	8.834%
43	20.062	2849	2852	2857	rVB2	41819	57124	1.99%	0.176%
44	20.409	2908	2911	2918	rBV3	67026	95342	3.33%	0.294%
45	20.974	3004	3007	3011	rBV2	39744	39116	1.36%	0.121%
46	21.427	3081	3084	3091	rBV2	192889	266107	9.28%	0.820%
47	21.768	3137	3142	3149	rBV	1494748	1902070	66.36%	5.862%
48	24.021	3519	3525	3536	rVB	1306561	2527268	88.17%	7.789%
49	24.174	3545	3551	3560	rVB	824693	1655294	57.75%	5.102%

Sum of corrected areas: 32445944

LSC Report - Integrated Chromatogram

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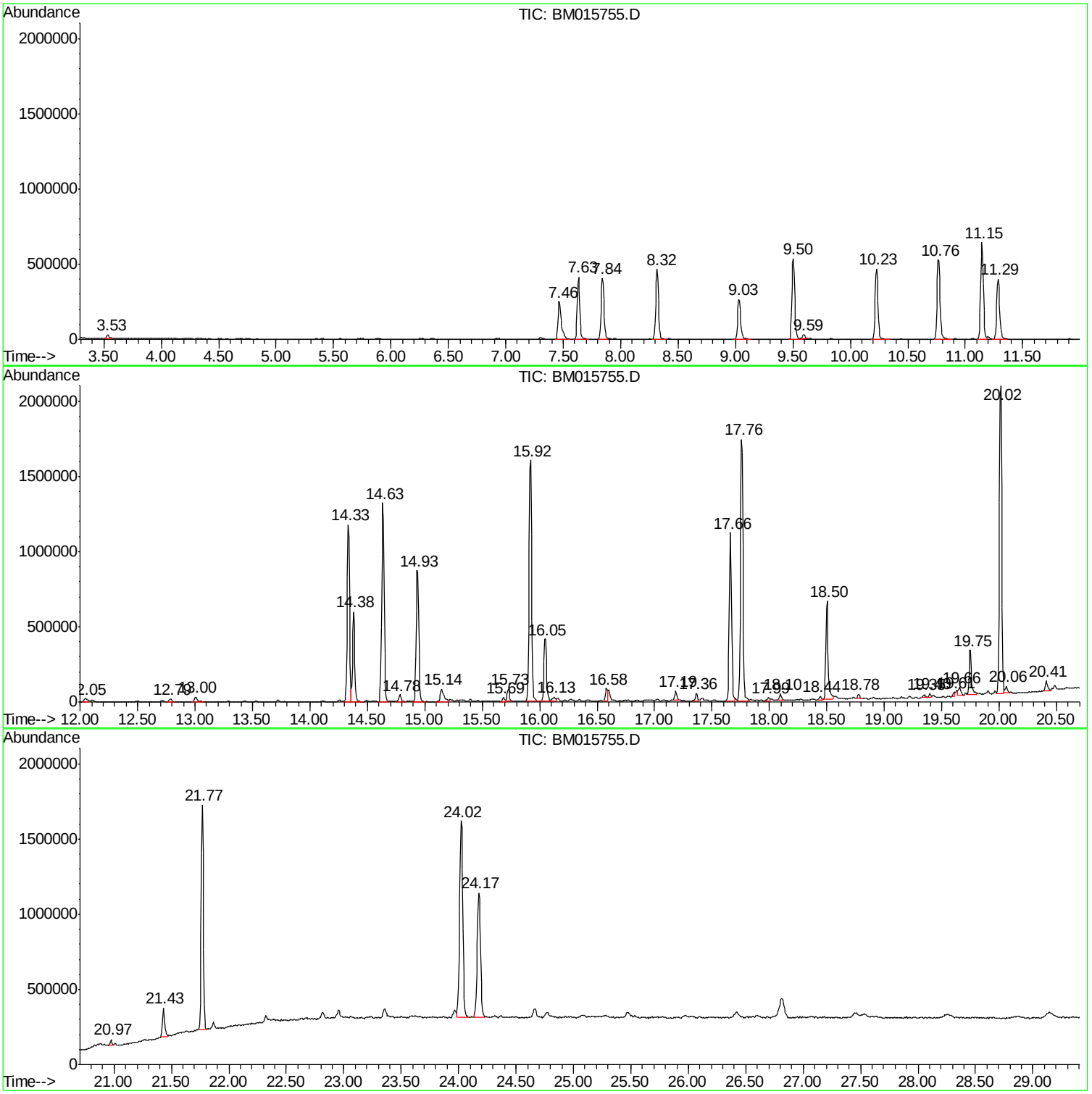
Instrument : BNA_M
ClientSampleId : DAXR1

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXR1

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Quant Title : SVOA CALIBRATION

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

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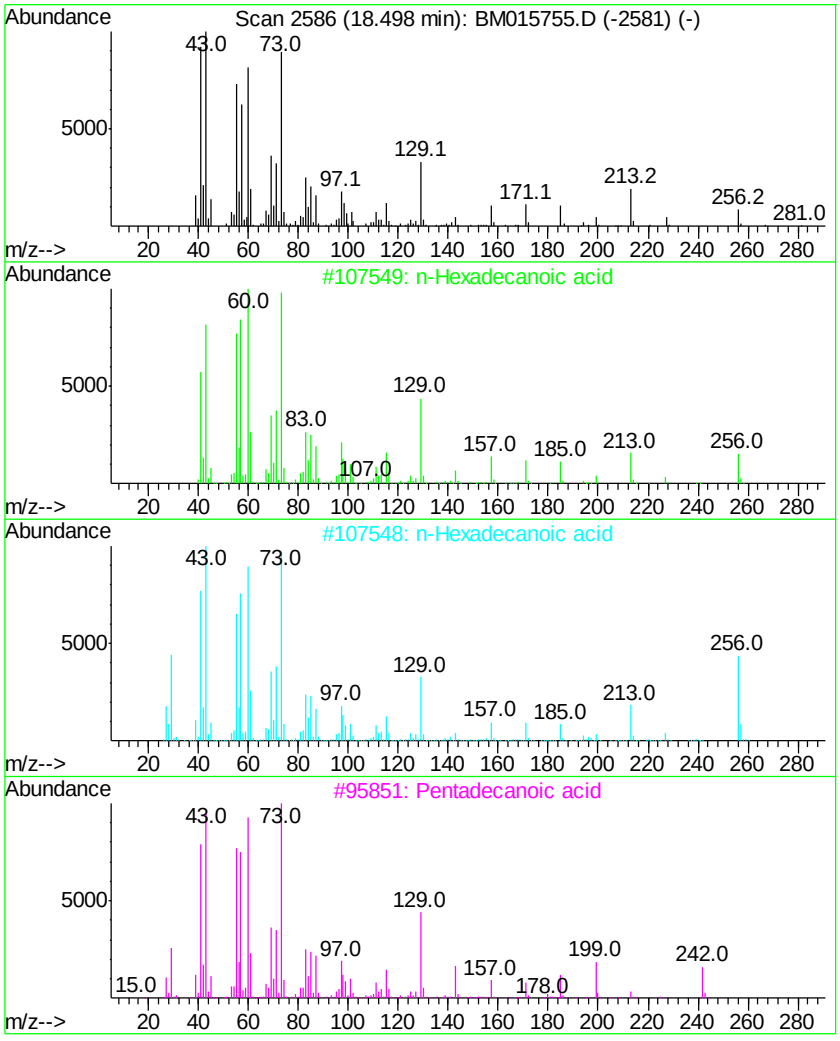
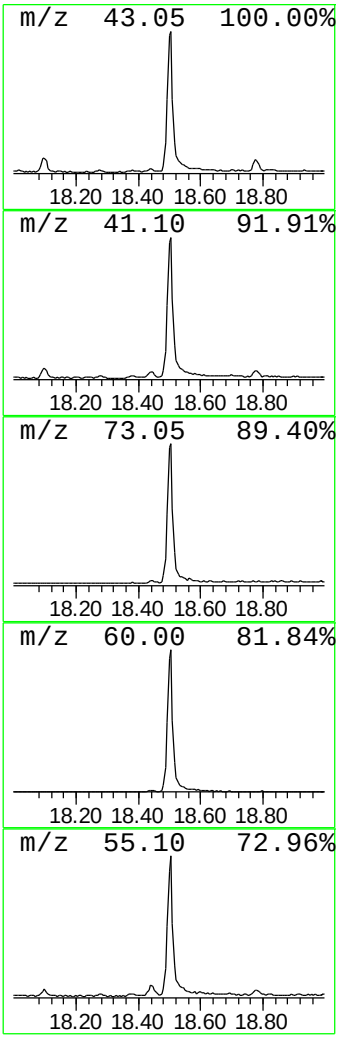
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	10.81 ng/ul	888715	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





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ClientSampleId : DAXR1

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

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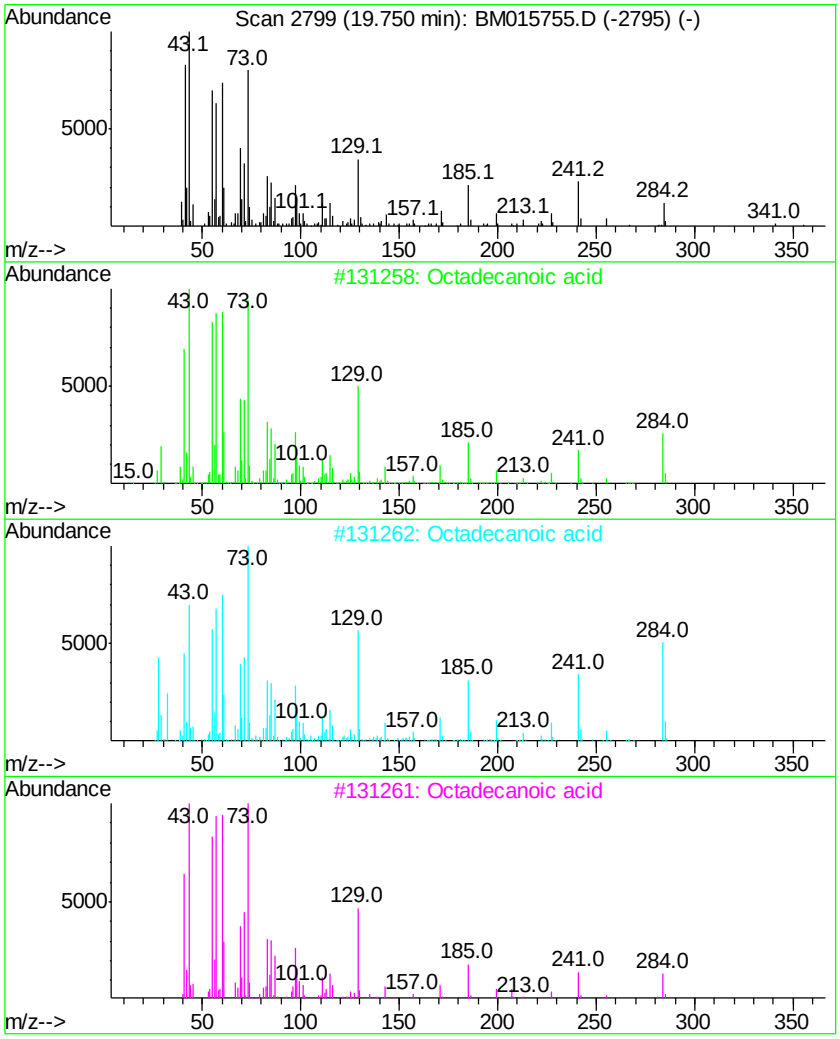
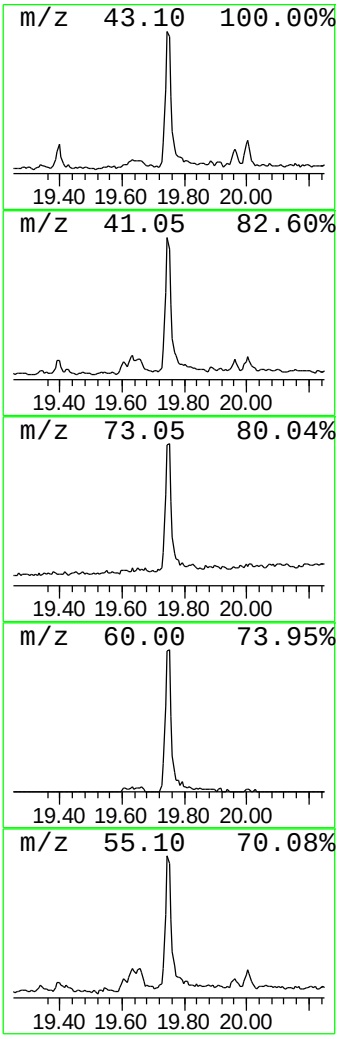
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.28 ng/ul	406700	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	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74





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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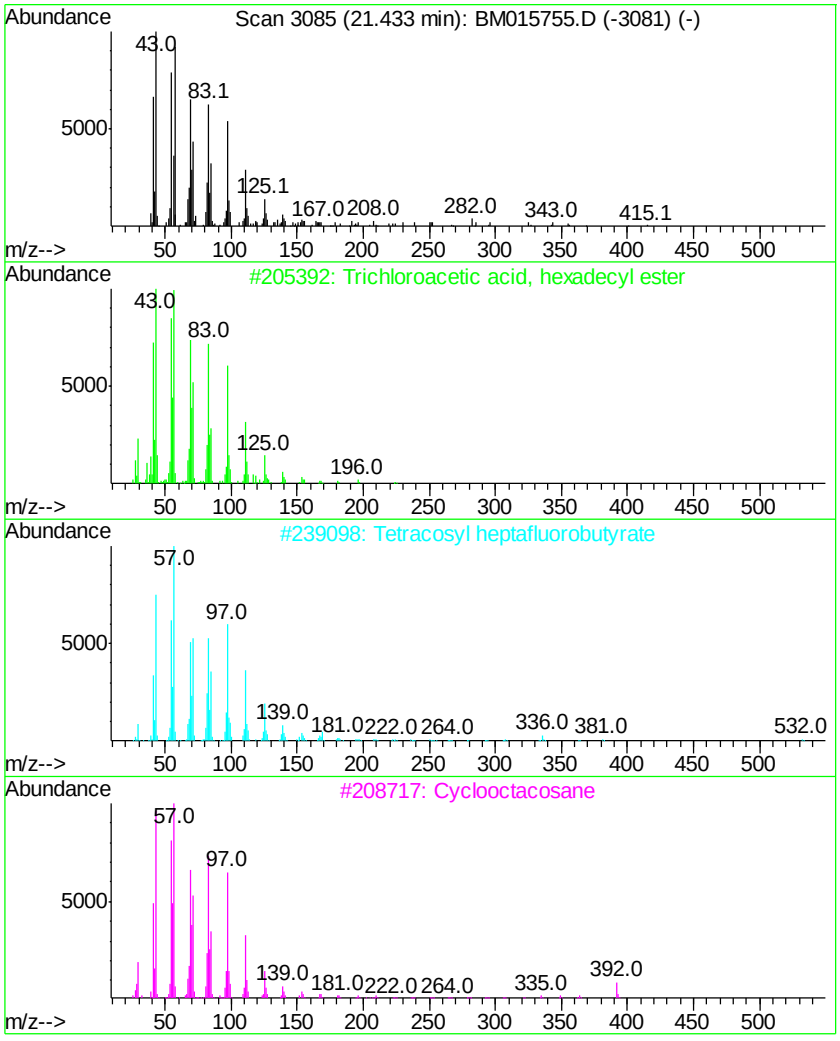
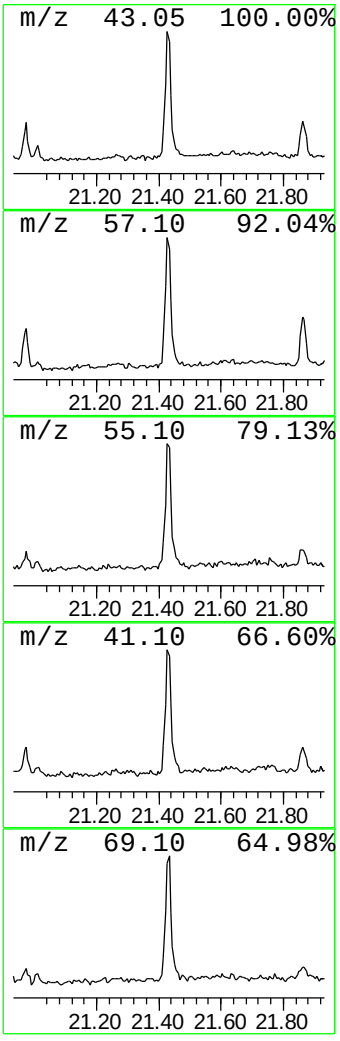
Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.80 ng/ul	266107	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	94
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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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	10.8	ng/ul	888715	4	17.66	1643660	20.0
Octadecanoic acid	19.75	4.3	ng/ul	406700	5	21.77	1902070	20.0
Trichloroacetic a...	21.43	2.8	ng/ul	266107	5	21.77	1902070	20.0