LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013770.D
Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

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-BM011018.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	3.152	25	28	33	rBV2	29841	36765	1.11%	0.100%
2	6.781	638	645	656	rBV2	534836	949169	28.63%	2.581%
3	6.940	666	672	679	rBV	400063	626805	18.91%	1.704%
4	7.134	694	705	716	rBV2	583643	915363	27.61%	2.489%
5	7.598	777	784	792	rBV	476626	764495	23.06%	2.079%
6	8.310	897	905	914	rBV	666641	1094442	33.01%	2.976%
7	8.751	973	980	989	rBV	541620	897202	27.06%	2.439%
8	9.469	1093	1102	1112	rBV	477810	821711	24.79%	2.234%
9	10.004	1186	1193	1209	rBV	659780	1148860	34.66%	3.124%
10	10.369	1247	1255	1264	rVB	604027	1012529	30.54%	2.753%
11	10.522	1271	1281	1293	rBV	569442	1072092	32.34%	2.915%
12	11.398	1423	1430	1434	rBV5	25543	42086	1.27%	0.114%
13	12.051	1536	1541	1546	rVB3	36647	64374	1.94%	0.175%
14	12.269	1568	1578	1586	rBV6	30286	69112	2.08%	0.188%
15	12.775	1659	1664	1670	rVB3	28419	40141	1.21%	0.109%
16	13.422	1763	1774	1780	rBV5	35129	95970	2.89%	0.261%
17	13.563	1790	1798	1805	rBV2	49522	95414	2.88%	0.259%
18	13.669	1810	1816	1820	rVV	1205008	1686327	50.87%	4.585%
19	13.716	1820	1824	1831	rVB	307470	476502	14.37%	1.296%
20	13.939	1850	1862	1870	rBV	1375949	2034651	61.38%	5.532%
21	14.151	1890	1898	1906	rVB5	28044	46677	1.41%	0.127%
22	14.251	1906	1915	1921	rBV2	872520	1342127	40.49%	3.649%
23	14.310	1921	1925	1935	rVB2	54988	98181	2.96%	0.267%
24	14.480	1946	1954	1963	rBV	395674	754697	22.77%	2.052%
25	14.657	1979	1984	1992	rVB2	67976	117514	3.54%	0.320%
26	14.733	1992	1997	2001	rVB2	28991	40965	1.24%	0.111%
27	15.045	2043	2050	2052	rBV8	21545	44761	1.35%	0.122%
28	15.110	2059	2061	2066	rVB3	40502	47223	1.42%	0.128%
29	15.251	2075	2085	2091	rBV	1630778	2380651	71.81%	6.473%
30	15.304	2091	2094	2099	rVB3	41347	57201	1.73%	0.156%
31	15.386	2103	2108	2119	rVB	365683	590231	17.80%	1.605%
32	15.521	2127	2131	2135	rVB3	51966	79503	2.40%	0.216%
33	15.733	2160	2167	2169	rBV7	18595	36652	1.11%	0.100%
34	15.998	2204	2212	2218	rBV3	110997	233244	7.04%	0.634%

LSC Area Percent Report

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Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

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-BM011018.M
Title : SVOA CALIBRATION

35	16.315	2259	2266	2270	rBV7	17816	40654	1.23%	0.111%
36	16.363	2270	2274	2281	rBV10	21083	47284	1.43%	0.129%
37	16.821	2348	2352	2363	rVB5	59883	105040	3.17%	0.286%
38	17.004	2377	2383	2388	rBV	1208498	1661864	50.13%	4.519%
39	17.045	2388	2390	2394	rVV	119388	142081	4.29%	0.386%
40	17.104	2394	2400	2412	rVB	1804706	2655228	80.10%	7.219%
41	17.421	2446	2454	2458	rBV9	26688	51152	1.54%	0.139%
42	17.592	2479	2483	2488	rVB5	25269	37696	1.14%	0.102%
43	17.880	2523	2532	2533	rBV9	26417	51073	1.54%	0.139%
44	17.909	2533	2537	2547	rVB3	226381	380330	11.47%	1.034%
45	19.045	2726	2730	2733	rBV4	25654	43030	1.30%	0.117%
46	19.074	2733	2735	2738	rVV4	36506	39900	1.20%	0.108%
47	19.127	2740	2744	2751	rVB3	82820	114910	3.47%	0.312%
48	19.198	2751	2756	2766	rBV	408447	644200	19.43%	1.752%
49	19.403	2785	2791	2798	rBV	2258941	3108105	93.76%	8.451%
50	19.468	2798	2802	2808	rVB3	49962	74055	2.23%	0.201%
51	20.927	3045	3050	3058	rBV	412373	592550	17.87%	1.611%
52	21.203	3092	3097	3103	rBV	1589207	2006940	60.54%	5.457%
53	23.262	3440	3447	3457	rVB	1782271	3315077	100.00%	9.014%
54	23.397	3464	3470	3477	rVB2	991174	1854130	55.93%	5.041%

Sum of corrected areas: 36778936

LSC Report - Integrated Chromatogram

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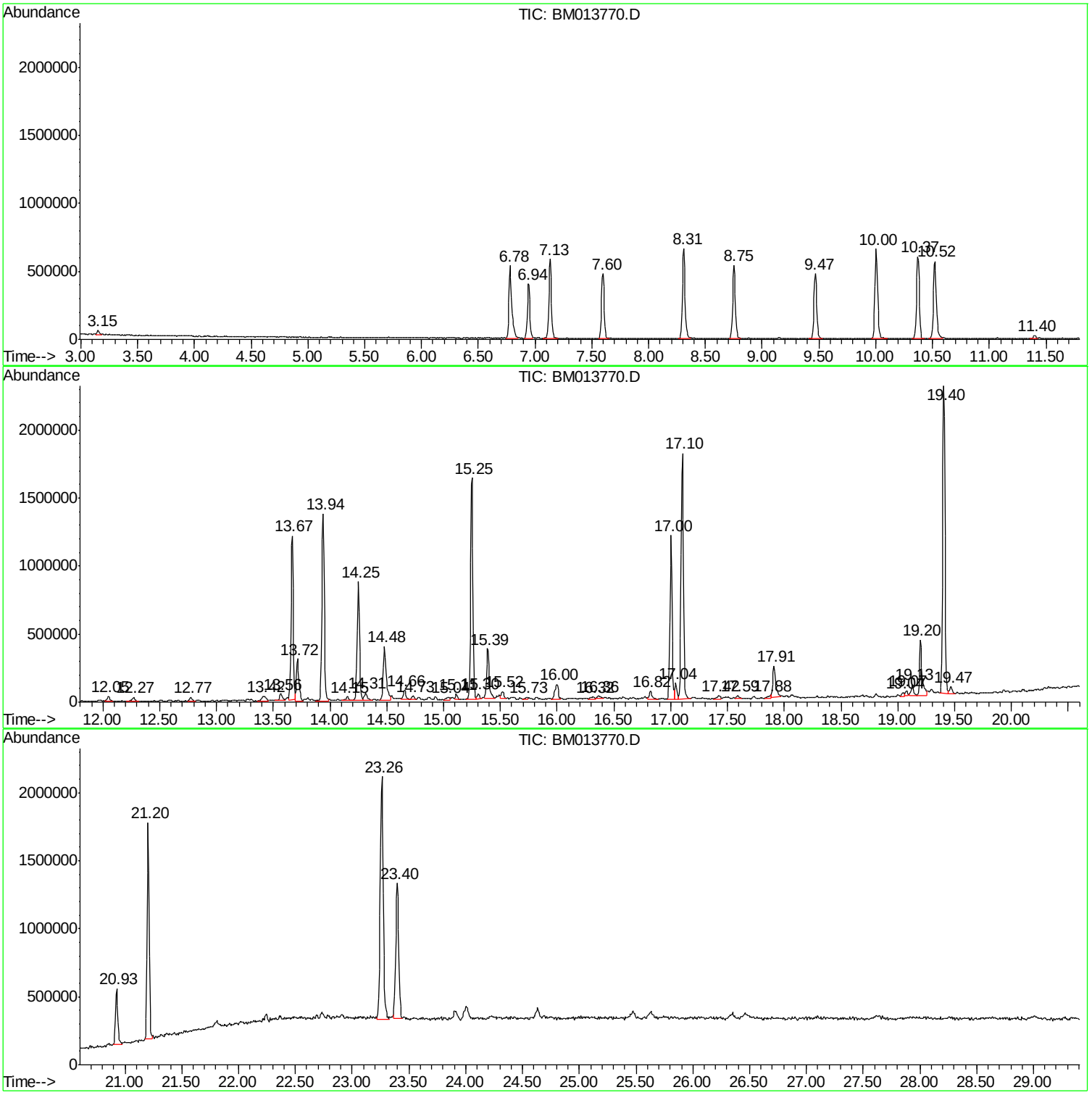
Data File : BM013770.D
Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013770.D
Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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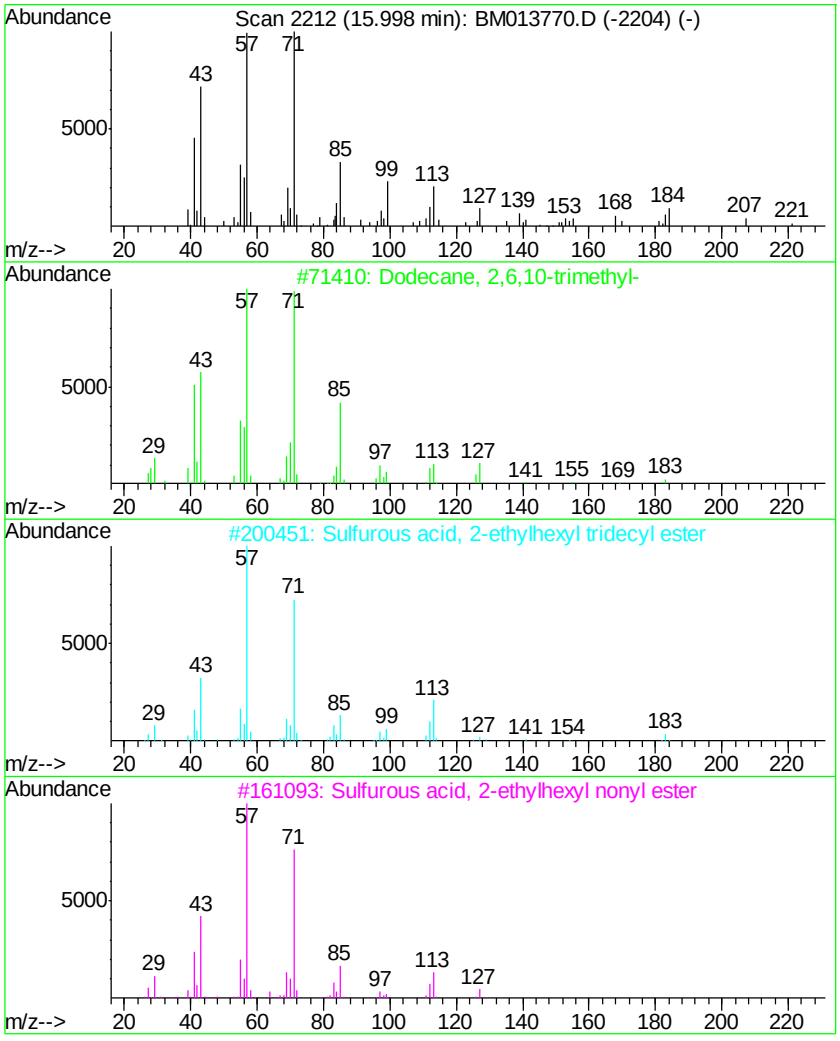
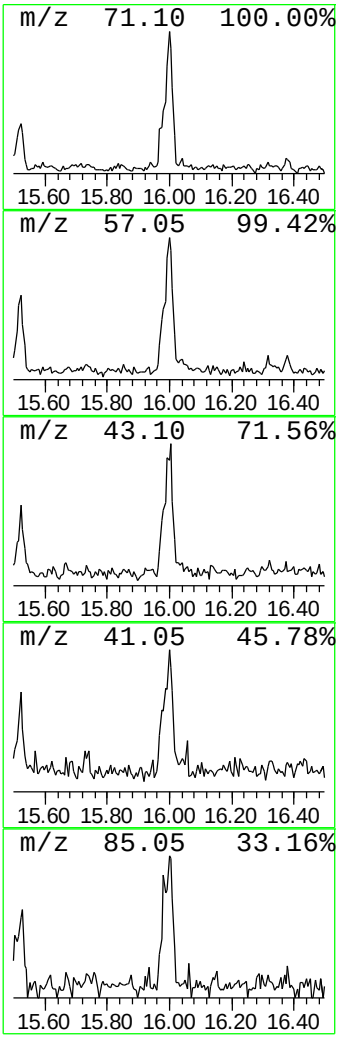
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.81 ng/ul	233244	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	58
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013770.D
Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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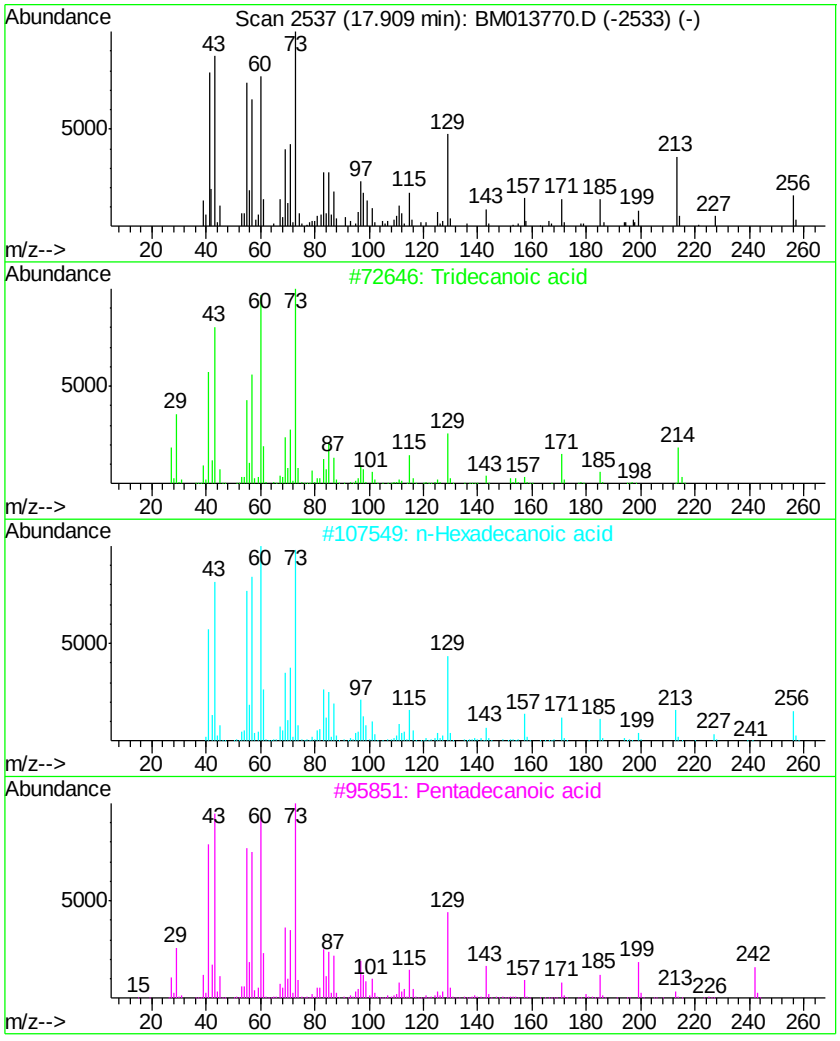
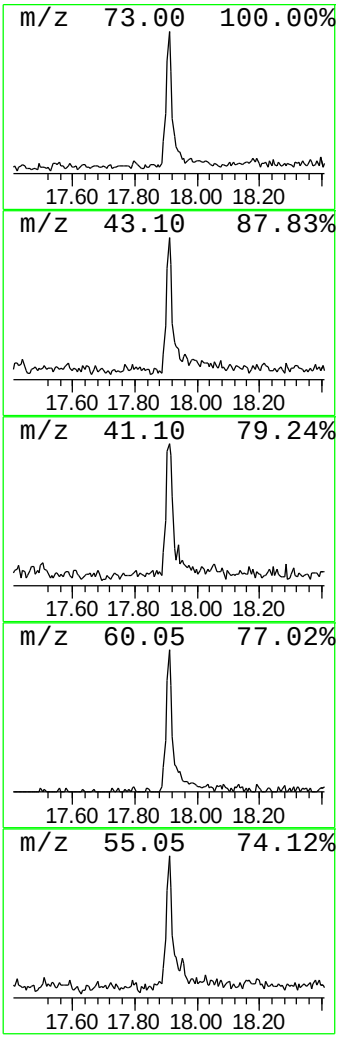
Peak Number 2 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.58 ng/ul	380330	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013770.D
Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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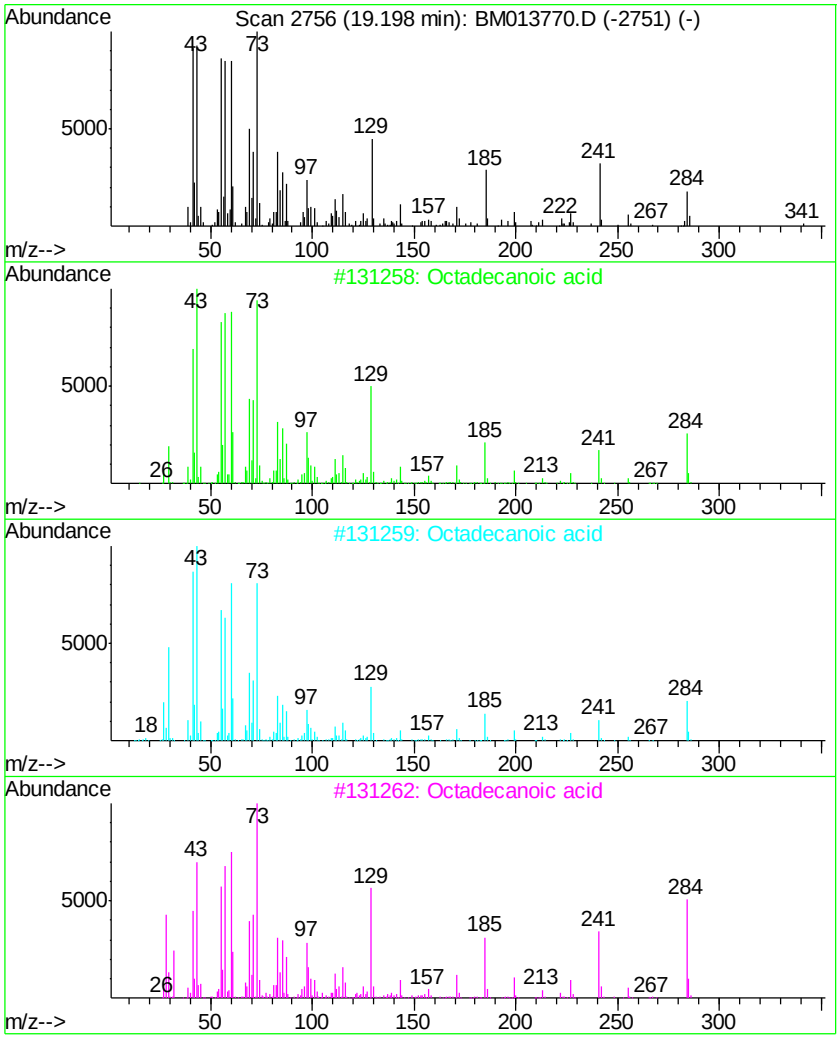
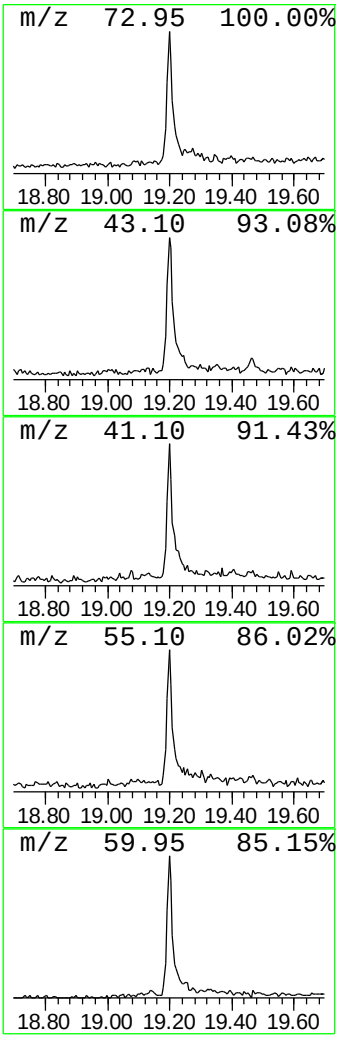
Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	6.42 ng/ul	644200	Chrysene-d12	21.20

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	91





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Acq On : 24 Jan 2018 16:27
Operator : SJ/JU
Sample : J1223-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A69

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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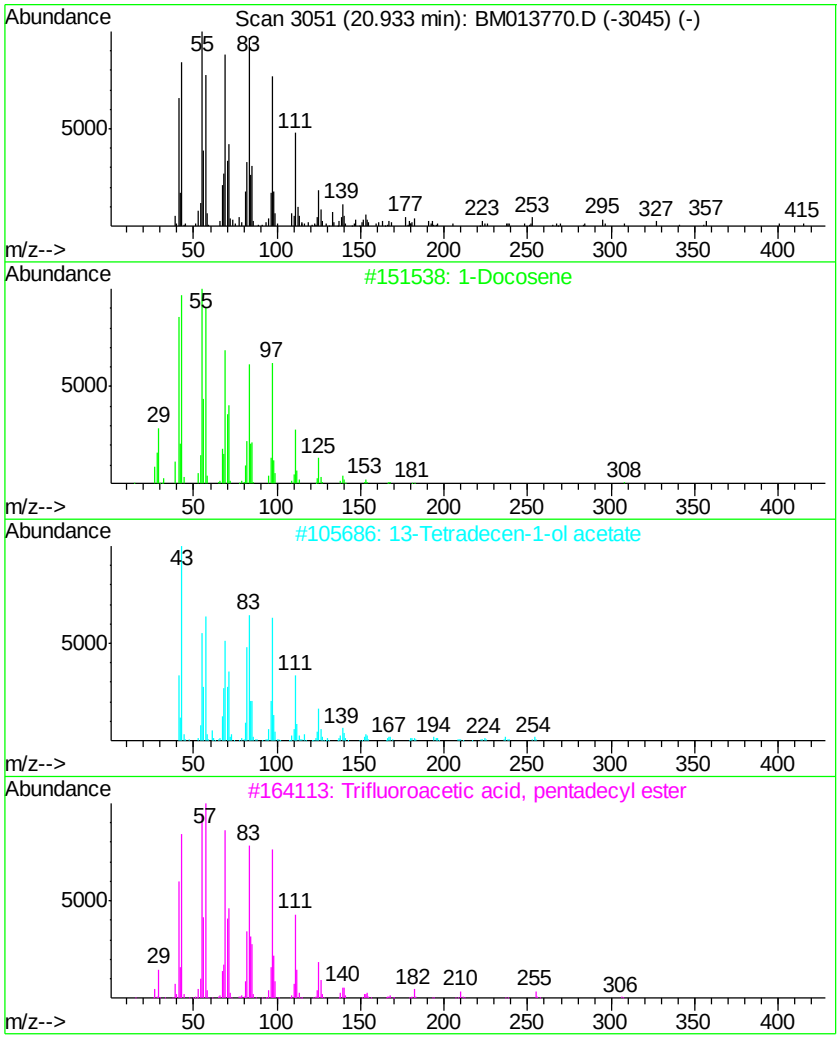
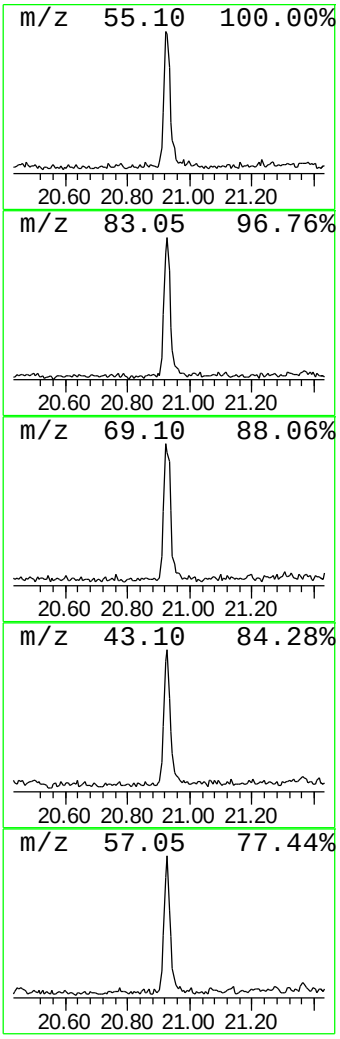
Peak Number 4 (DEL) Alkane: Cyclic20.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.91 ng/ul	592550	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012418\
Data File : BM013770.D
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(DEL) Alkane: Str...	16.00	2.8	ng/ul	233244	4	17.00	1661860	20.0
Tridecanoic acid	17.91	4.6	ng/ul	380330	4	17.00	1661860	20.0
Octadecanoic acid	19.20	6.4	ng/ul	644200	5	21.20	2006940	20.0
(DEL) Alkane: Cyc...	20.93	5.9	ng/ul	592550	5	21.20	2006940	20.0