LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013598.D
Acq On : 15 Jan 2018 22:53
Operator : SJ/JU
Sample : J1079-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK3

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	3.163	27	30	34	rBV2	45295	51021	1.43%	0.117%
2	6.804	642	649	660	rVB	773807	1405146	39.44%	3.223%
3	6.963	671	676	684	rVB	609537	901158	25.29%	2.067%
4	7.157	702	709	716	rBV	821960	1285904	36.09%	2.950%
5	7.622	782	788	795	rBV	583993	962406	27.01%	2.208%
6	8.328	903	908	919	rVB	945126	1559730	43.78%	3.578%
7	8.775	977	984	993	rBV	781798	1265774	35.53%	2.903%
8	9.492	1098	1106	1116	rVB	665557	1123990	31.55%	2.578%
9	10.027	1189	1197	1206	rBV	952880	1635276	45.90%	3.751%
10	10.398	1253	1260	1267	rBV	786002	1295733	36.37%	2.972%
11	10.545	1278	1285	1297	rBV	848145	1532245	43.01%	3.515%
12	13.092	1713	1718	1724	rBV3	37183	54061	1.52%	0.124%
13	13.686	1812	1819	1824	rBV	1628092	2262745	63.51%	5.190%
14	13.733	1824	1827	1834	rVB	357859	488763	13.72%	1.121%
15	13.963	1858	1866	1874	rBV	1867180	2771534	77.79%	6.357%
16	14.174	1897	1902	1907	rBV	98122	128699	3.61%	0.295%
17	14.268	1911	1918	1927	rVV2	1097797	1655743	46.47%	3.798%
18	14.492	1951	1956	1968	rBV	577192	1012158	28.41%	2.322%
19	14.798	2003	2008	2014	rVB4	23644	36899	1.04%	0.085%
20	15.133	2060	2065	2070	rVB2	116780	148348	4.16%	0.340%
21	15.268	2081	2088	2094	rBV	2305488	3120864	87.60%	7.159%
22	15.404	2104	2111	2122	rBV	645891	933396	26.20%	2.141%
23	15.515	2125	2130	2132	rBV3	25048	45081	1.27%	0.103%
24	15.998	2207	2212	2220	rBV	91683	158092	4.44%	0.363%
25	16.792	2343	2347	2350	rBV2	48761	59254	1.66%	0.136%
26	17.021	2379	2386	2392	rBV2	1361199	1890653	53.07%	4.337%
27	17.121	2397	2403	2414	rVB	2280432	3209848	90.10%	7.363%
28	17.927	2535	2540	2546	rBV	261676	351882	9.88%	0.807%
29	19.056	2729	2732	2736	rBV3	31577	50886	1.43%	0.117%
30	19.215	2755	2759	2767	rBV3	131929	192112	5.39%	0.441%
31	19.421	2788	2794	2801	rVB	2699234	3562697	100.00%	8.172%
32	20.362	2950	2954	2961	rVB	209328	272670	7.65%	0.625%
33	20.939	3048	3052	3060	rVB2	259229	383163	10.75%	0.879%
34	21.139	3082	3086	3092	rBV	458033	535676	15.04%	1.229%

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Title : SVOA CALIBRATION

35	21.215	3095	3099	3105	rVV	1470807	1966001	55.18%	4.510%
36	23.280	3444	3450	3461	rVB2	1838660	3457741	97.05%	7.931%
37	23.421	3467	3474	3481	rVB	966307	1829241	51.34%	4.196%

Sum of corrected areas: 43596590

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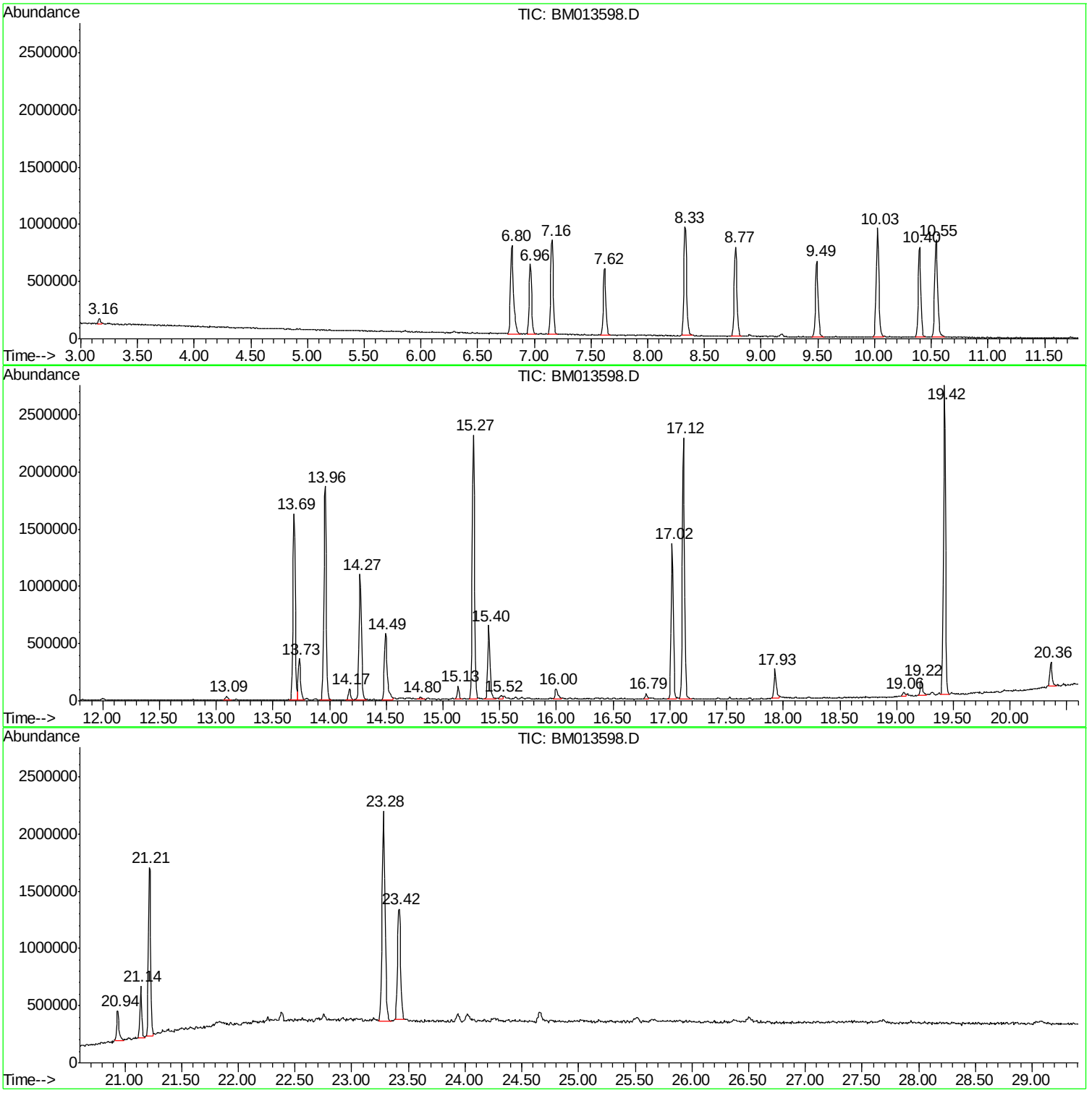
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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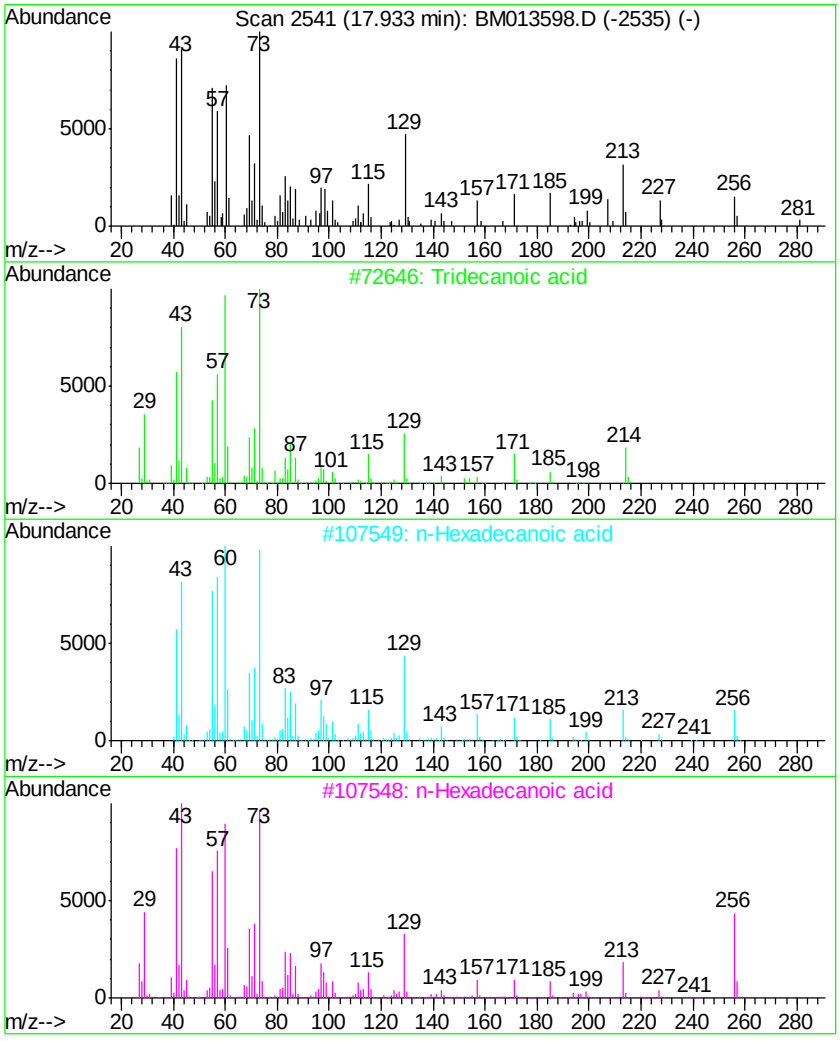
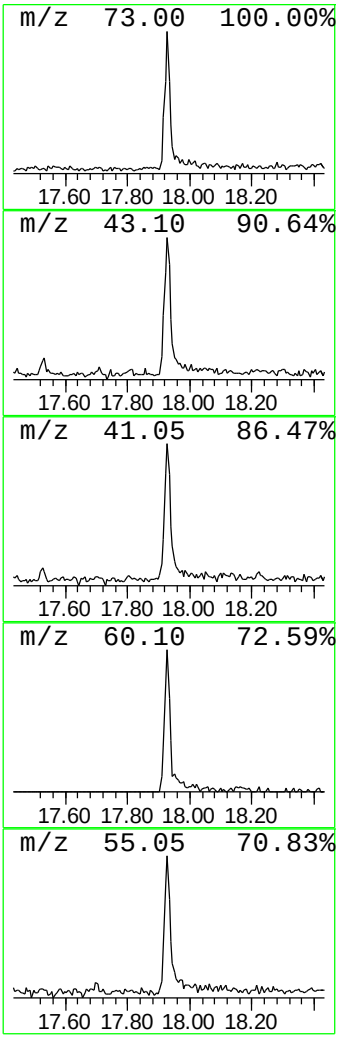
Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.72 ng/ul	351882	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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ClientSampleId : DAJK3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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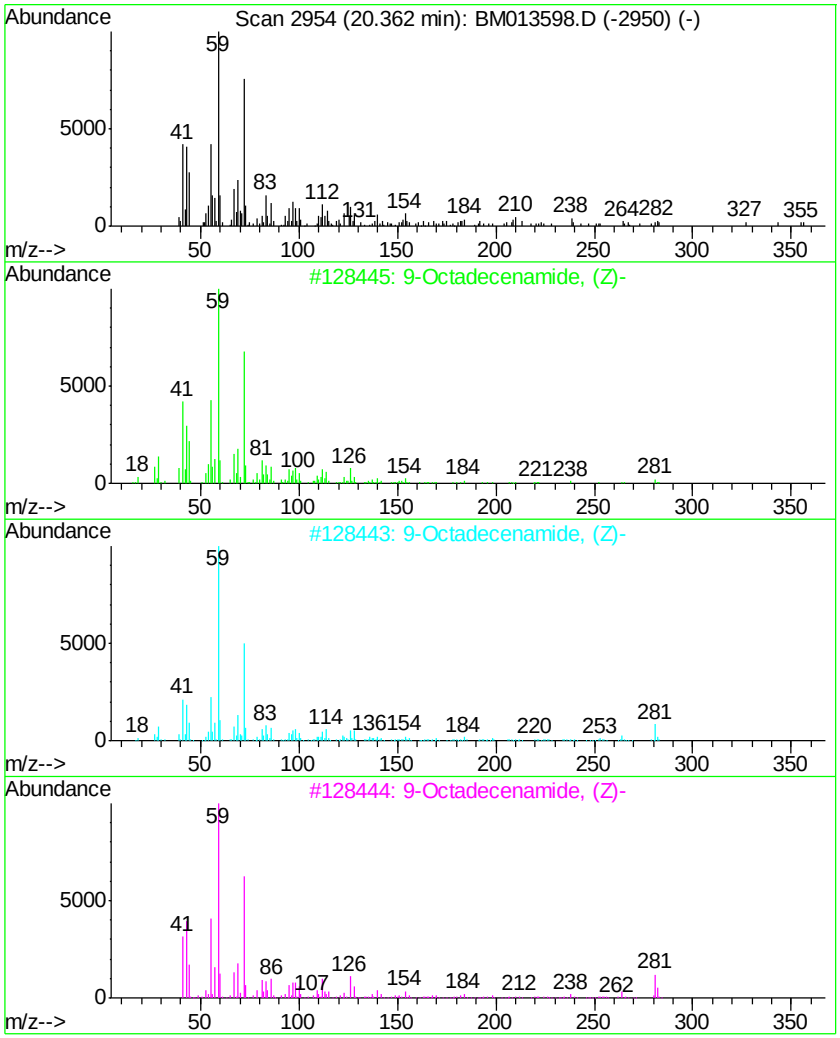
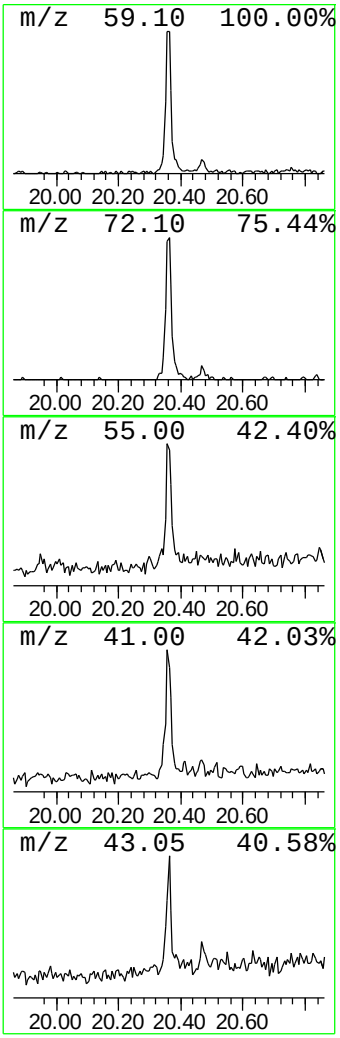
Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.77 ng/ul	272670	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4	Hexadecanamide	255	C16H33NO	000629-54-9	64
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	45





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Instrument : BNA_M
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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

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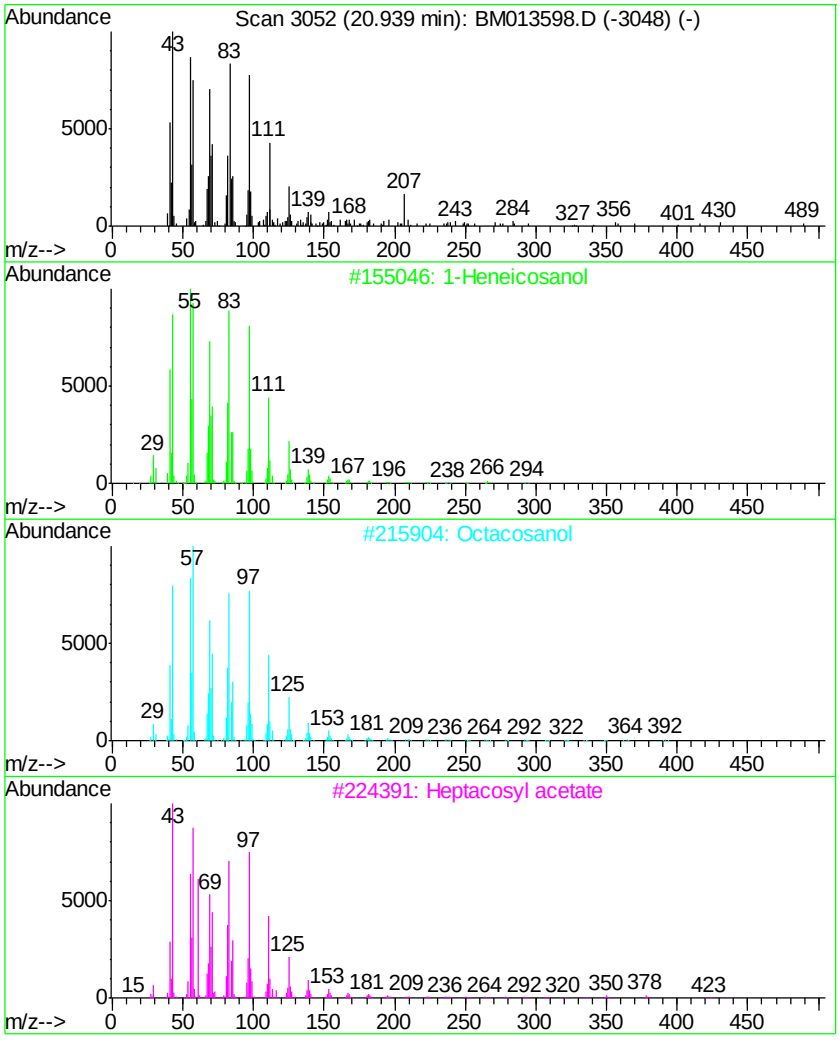
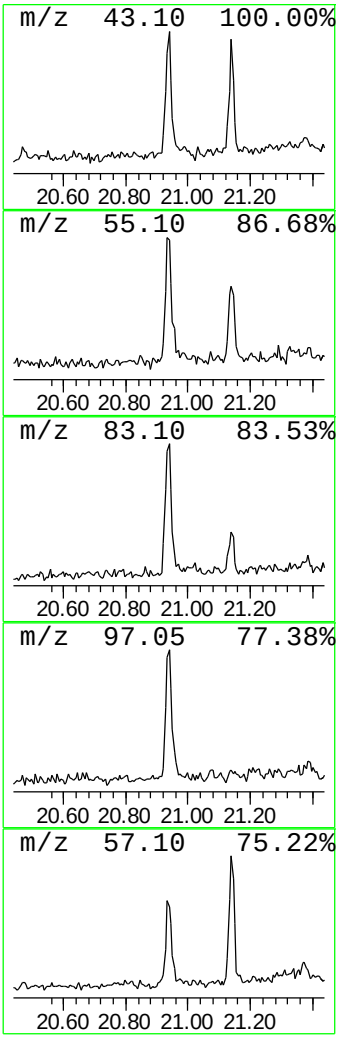
Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.90 ng/ul	383163	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Octacosanol	410	C28H58O	000557-61-9	94
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	17.93	3.7	ng/ul	351882	4	17.02	1890650	20.0
9-Octadecenamide,...	20.36	2.8	ng/ul	272670	5	21.22	1966000	20.0
1-Heneicosanol	20.94	3.9	ng/ul	383163	5	21.22	1966000	20.0