LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014084.D
Acq On : 01 Feb 2018 21:34
Operator : SJ/JU
Sample : J1316-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D01

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-BM013118.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	3.122	17	23	27	rBV2	35630	44768	1.16%	0.117%
2	6.745	633	639	655	rBV	520671	1001324	26.05%	2.607%
3	6.904	661	666	680	rBV	404454	646277	16.81%	1.683%
4	7.092	691	698	710	rBV	602540	975168	25.37%	2.539%
5	7.557	771	777	791	rBV	398964	697735	18.15%	1.817%
6	8.275	892	899	910	rBV	612001	1129011	29.37%	2.940%
7	8.716	967	974	984	rBV	586479	1033357	26.88%	2.691%
8	9.428	1089	1095	1109	rBV2	505640	932348	24.25%	2.428%
9	9.963	1178	1186	1203	rBV	648900	1294837	33.68%	3.372%
10	10.327	1241	1248	1256	rBV	581546	958478	24.93%	2.496%
11	10.486	1268	1275	1294	rBV	536890	1159203	30.16%	3.018%
12	13.633	1803	1810	1815	rBV	1445088	2045621	53.22%	5.327%
13	13.680	1815	1818	1826	rVB	288995	437193	11.37%	1.138%
14	13.904	1849	1856	1868	rBV	1546783	2363138	61.48%	6.153%
15	14.115	1887	1892	1897	rBV	54298	77843	2.03%	0.203%
16	14.210	1902	1908	1918	rVB2	815399	1307045	34.00%	3.403%
17	14.457	1943	1950	1966	rBV2	319561	801751	20.86%	2.088%
18	15.074	2050	2055	2061	rVB2	76043	97304	2.53%	0.253%
19	15.215	2073	2079	2089	rBV	2022503	2881300	74.96%	7.503%
20	15.362	2098	2104	2117	rBV	484936	879683	22.88%	2.291%
21	15.462	2117	2121	2124	rBV5	30210	47081	1.22%	0.123%
22	15.945	2197	2203	2210	rBV3	66775	104573	2.72%	0.272%
23	16.733	2331	2337	2341	rBV2	31171	49866	1.30%	0.130%
24	16.968	2371	2377	2384	rBV	1165595	1604302	41.74%	4.177%
25	17.068	2387	2394	2406	rBV	2141914	3204898	83.37%	8.345%
26	17.874	2525	2531	2543	rBV2	220903	405202	10.54%	1.055%
27	19.021	2721	2726	2737	rBV4	44484	100887	2.62%	0.263%
28	19.168	2744	2751	2762	rBV3	162672	320334	8.33%	0.834%
29	19.374	2780	2786	2793	rBV	2745852	3768623	98.04%	9.813%
30	20.892	3040	3044	3053	rBV5	127577	224409	5.84%	0.584%
31	21.174	3087	3092	3102	rBV	1451804	2013327	52.38%	5.243%
32	22.691	3347	3350	3355	rVB6	65648	91749	2.39%	0.239%
33	23.215	3433	3439	3449	rVB2	2204204	3844014	100.00%	10.010%
34	23.356	3456	3463	3476	rVB	947263	1860864	48.41%	4.846%

LSC Area Percent Report

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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-BM013118.M
Title : SVOA CALIBRATION

Sum of corrected areas: 38403513

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
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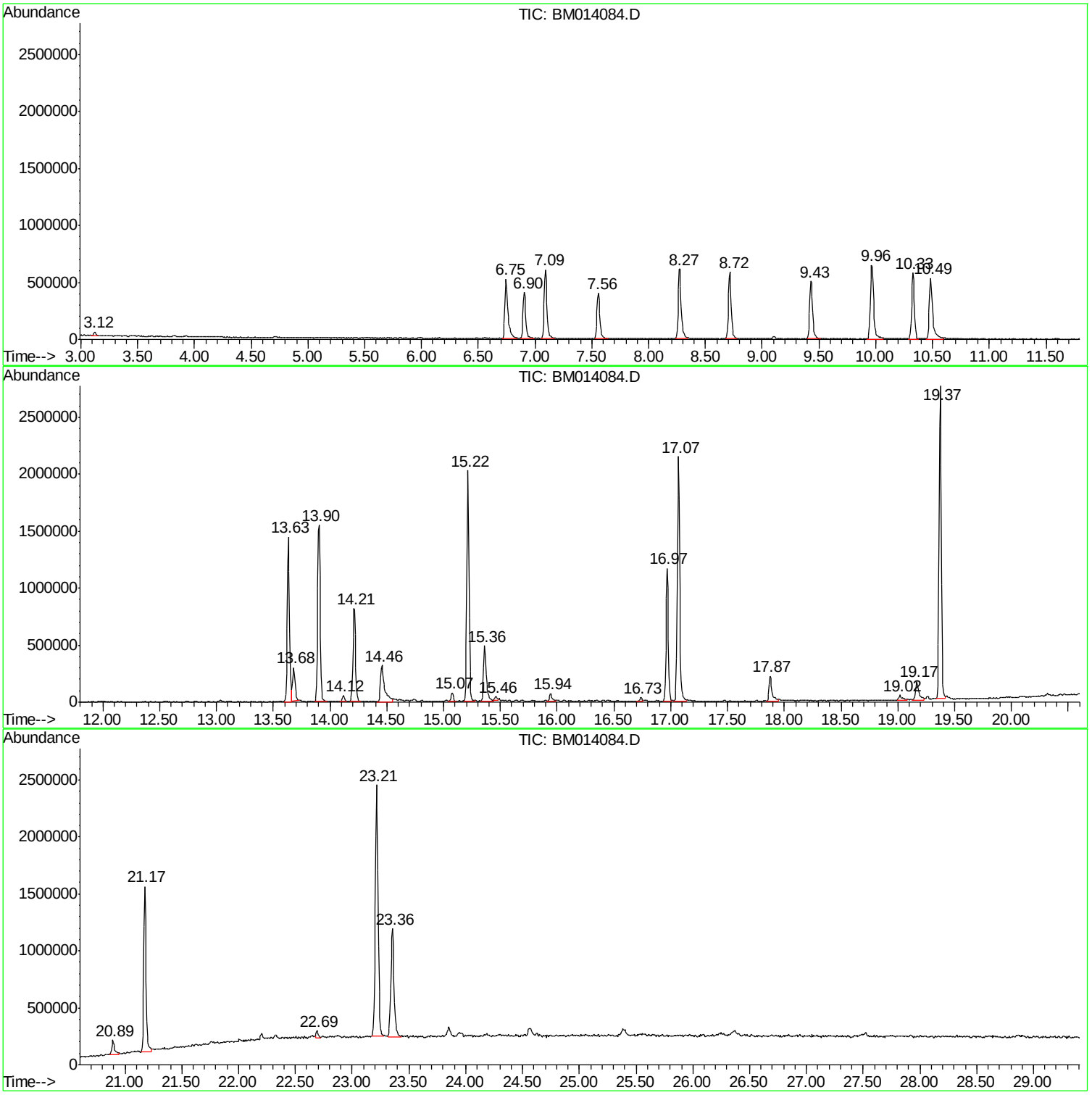
Acq On : 01 Feb 2018 21:34
Operator : SJ/JU
Sample : J1316-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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 : F6D01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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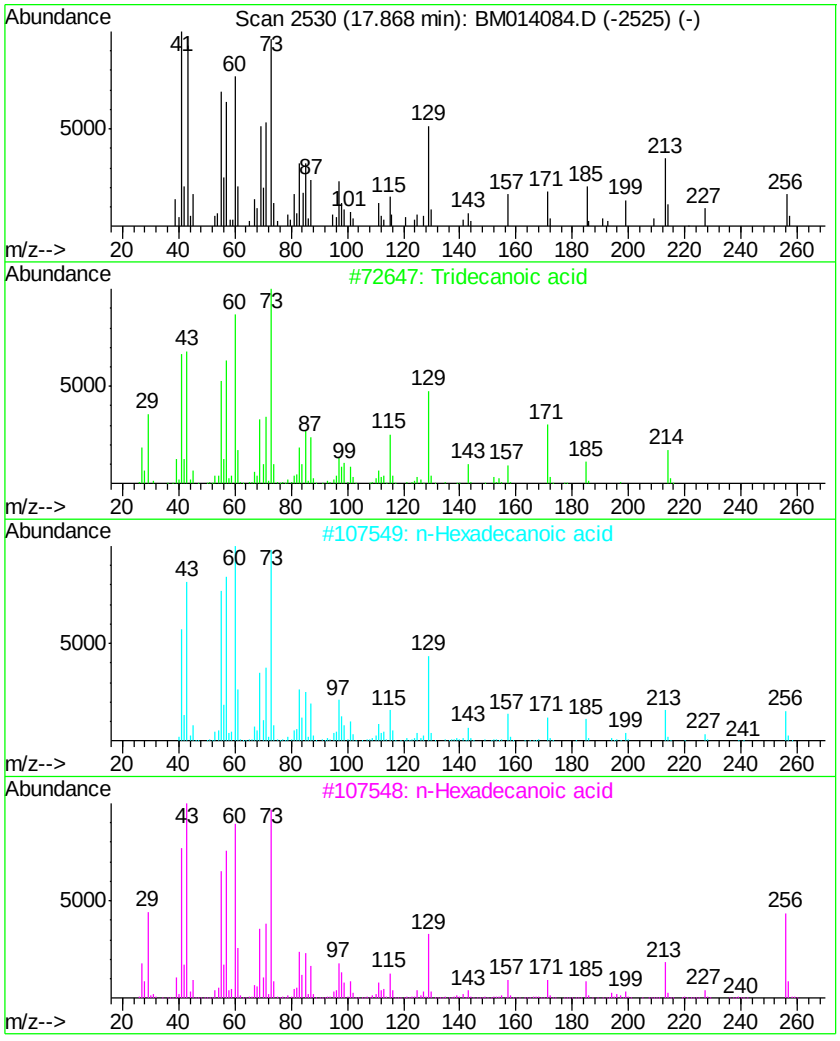
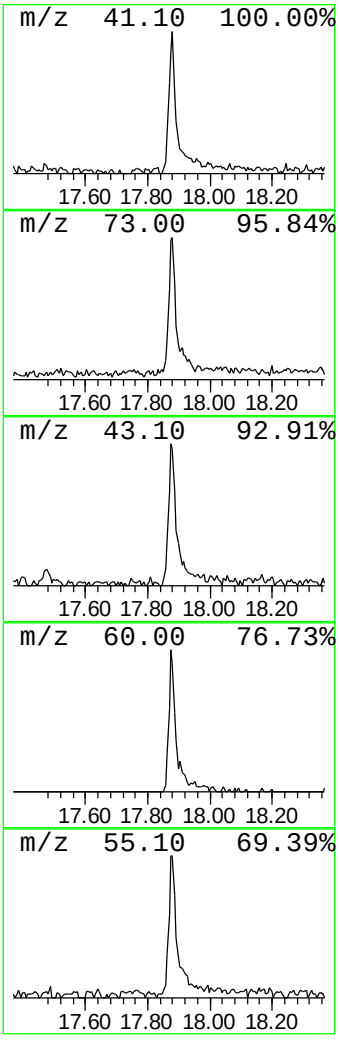
Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.05 ng/ul	405202	Phenanthrene-d10	16.97

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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Operator : SJ/JU
Sample : J1316-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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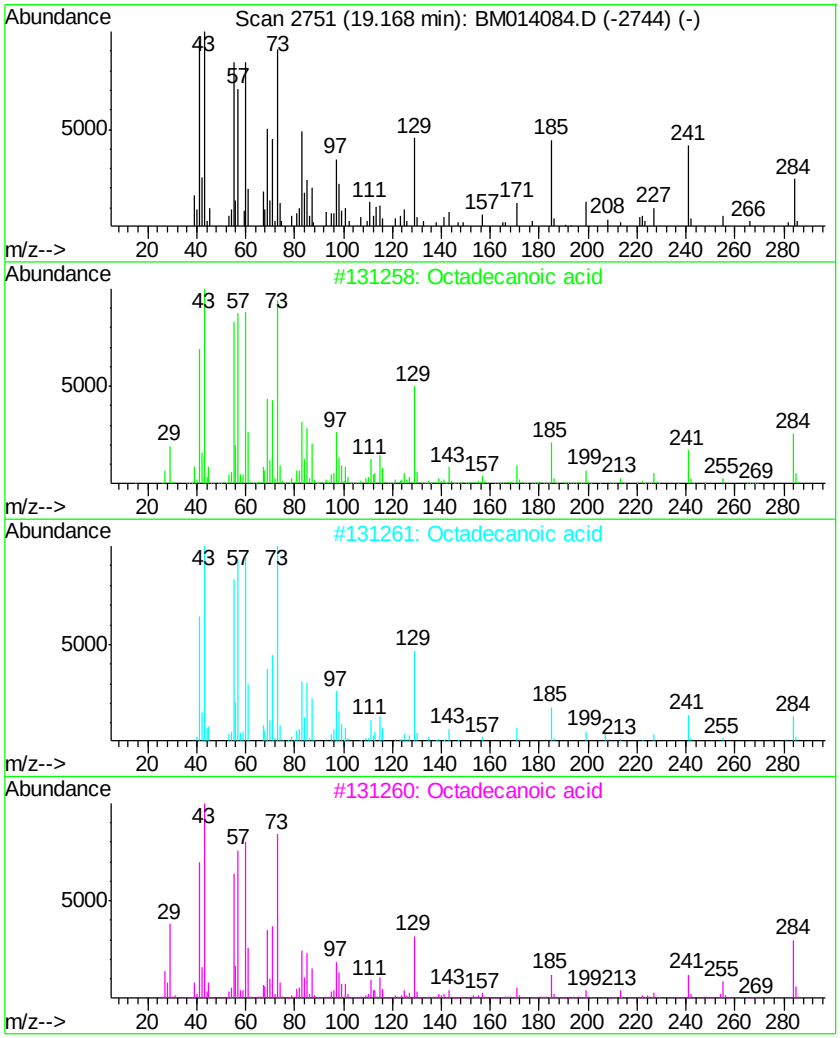
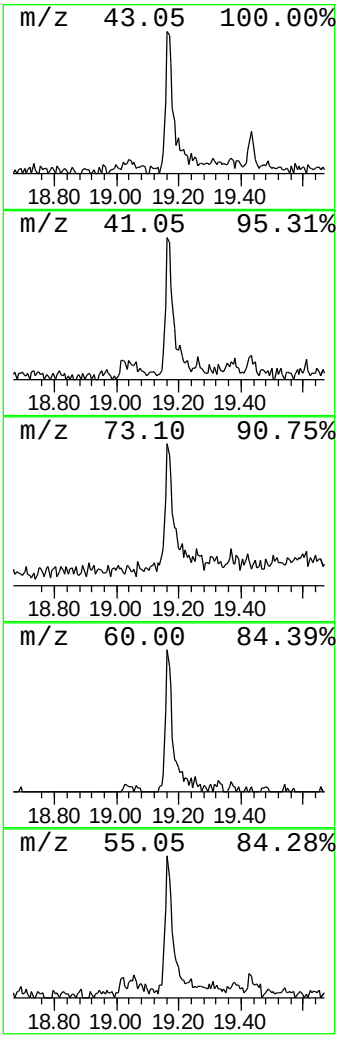
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.18 ng/ul	320334	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Library Search Compound Report

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Operator : SJ/JU
Sample : J1316-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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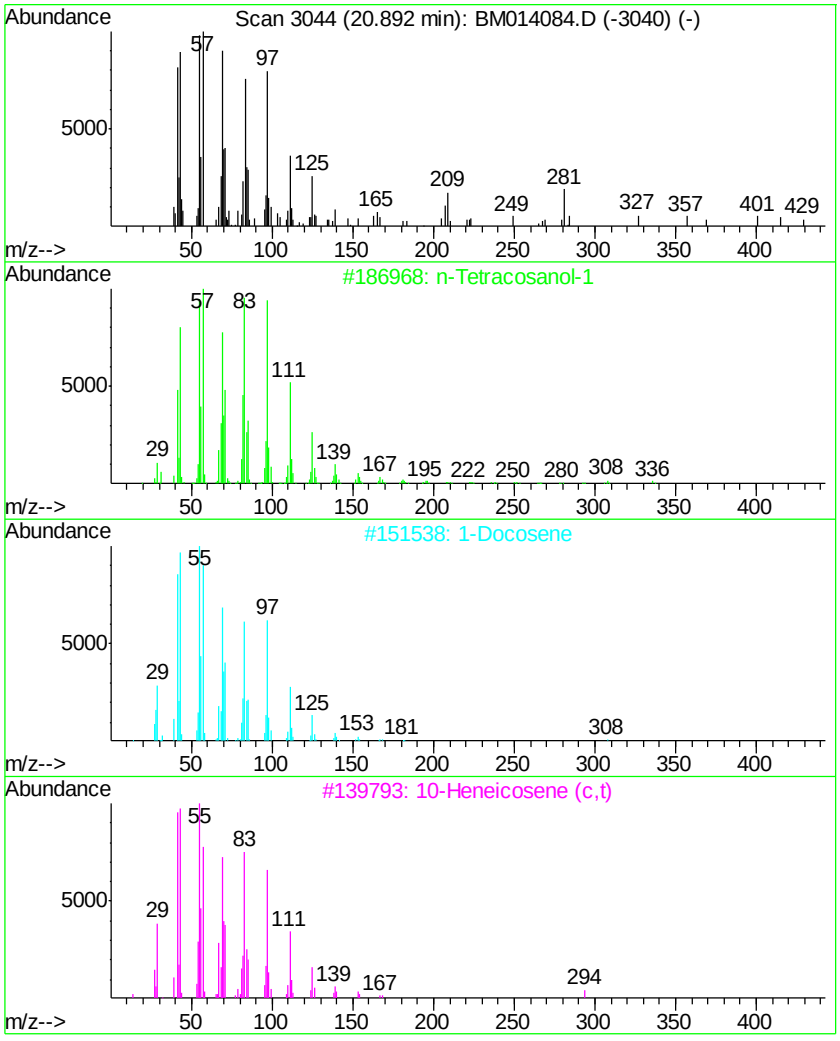
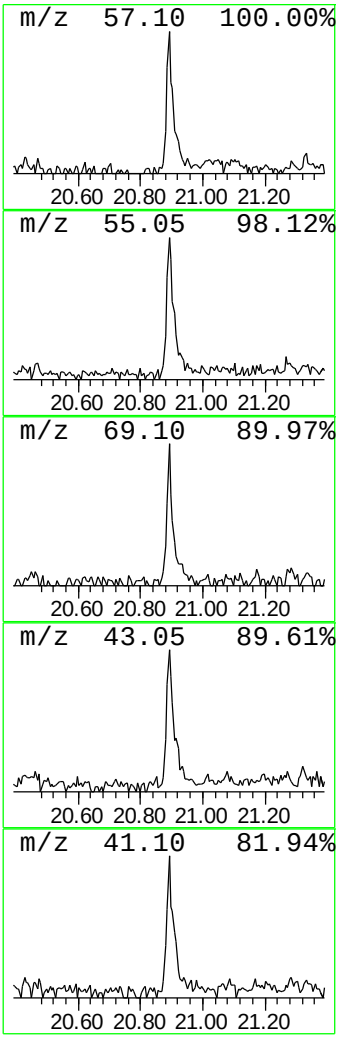
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.23 ng/ul	224409	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
2	1-Docosene	308	C22H44	001599-67-3	83
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
4	1-Nonadecene	266	C19H38	018435-45-5	58
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	55





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : J1316-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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
Tridecanoic acid	17.87	5.0	ng/ul	405202	4	16.97	1604300	20.0
Octadecanoic acid	19.17	3.2	ng/ul	320334	5	21.17	2013330	20.0
n-Tetracosanol-1	20.89	2.2	ng/ul	224409	5	21.17	2013330	20.0