LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008814.D
Acq On : 23 Jan 2017 22:43
Operator : UM/SJ
Sample : I1316-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP36

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\SOM02.2-EPA-BM012317.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	7.087	759	765	773	rBV2	149705	230579	1.58%	0.417%
2	7.269	789	796	808	rVB	346578	550532	3.78%	0.997%
3	7.463	823	829	839	rVB	454806	736746	5.06%	1.334%
4	7.939	904	910	915	rBV	330258	534837	3.67%	0.968%
5	8.634	1018	1028	1035	rBV	341117	559359	3.84%	1.013%
6	9.104	1101	1108	1114	rBV	589412	950080	6.52%	1.720%
7	9.822	1223	1230	1238	rVB2	544866	877148	6.02%	1.588%
8	10.351	1313	1320	1329	rBV	661451	1098610	7.54%	1.989%
9	10.739	1380	1386	1392	rBV	390587	662669	4.55%	1.200%
10	12.010	1597	1602	1607	rVB2	97162	146348	1.00%	0.265%
11	12.345	1649	1659	1668	rBV	185287	326380	2.24%	0.591%
12	13.980	1928	1937	1943	rBV	1193149	1627744	11.18%	2.947%
13	14.268	1978	1986	1993	rBV	1124866	1634682	11.22%	2.960%
14	14.574	2031	2038	2046	rVB	616968	883294	6.06%	1.599%
15	14.751	2062	2068	2075	rVB2	165225	233068	1.60%	0.422%
16	15.568	2199	2207	2213	rBV	1444932	2077110	14.26%	3.761%
17	15.674	2219	2225	2232	rBV2	905111	1219074	8.37%	2.207%
18	17.321	2499	2505	2510	rBV2	722108	1076303	7.39%	1.949%
19	17.415	2515	2521	2529	rVB2	1699873	2424457	16.65%	4.390%
20	17.974	2611	2616	2622	rVB2	471682	604748	4.15%	1.095%
21	19.621	2888	2896	2900	rBV	13752762	14565611	100.00%	26.372%
22	19.703	2905	2910	2920	rVB	2113933	2841183	19.51%	5.144%
23	20.662	3068	3073	3077	rBV	13234564	13580463	93.24%	24.589%
24	21.486	3208	3213	3223	rBV	1236589	1536155	10.55%	2.781%
25	23.697	3582	3589	3598	rVB2	1508201	2960323	20.32%	5.360%
26	23.850	3608	3615	3623	rVB	661418	1293028	8.88%	2.341%

Sum of corrected areas: 55230531

LSC Report - Integrated Chromatogram

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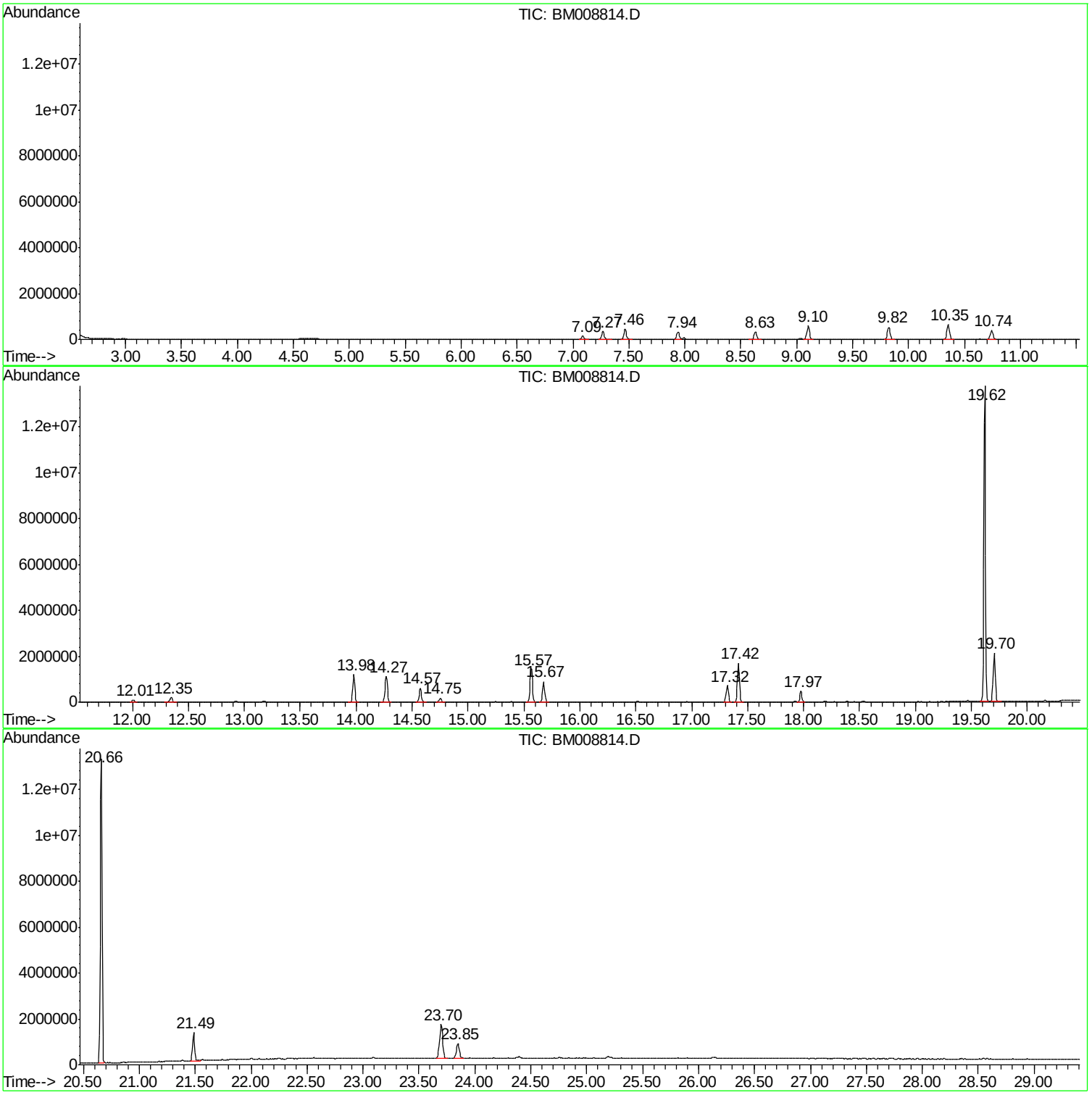
Instrument :
BNA_M
ClientSampleId :
BDP36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : UM/SJ
Sample : I1316-22
Misc :
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Instrument : BNA_M
ClientSampleId : BDP36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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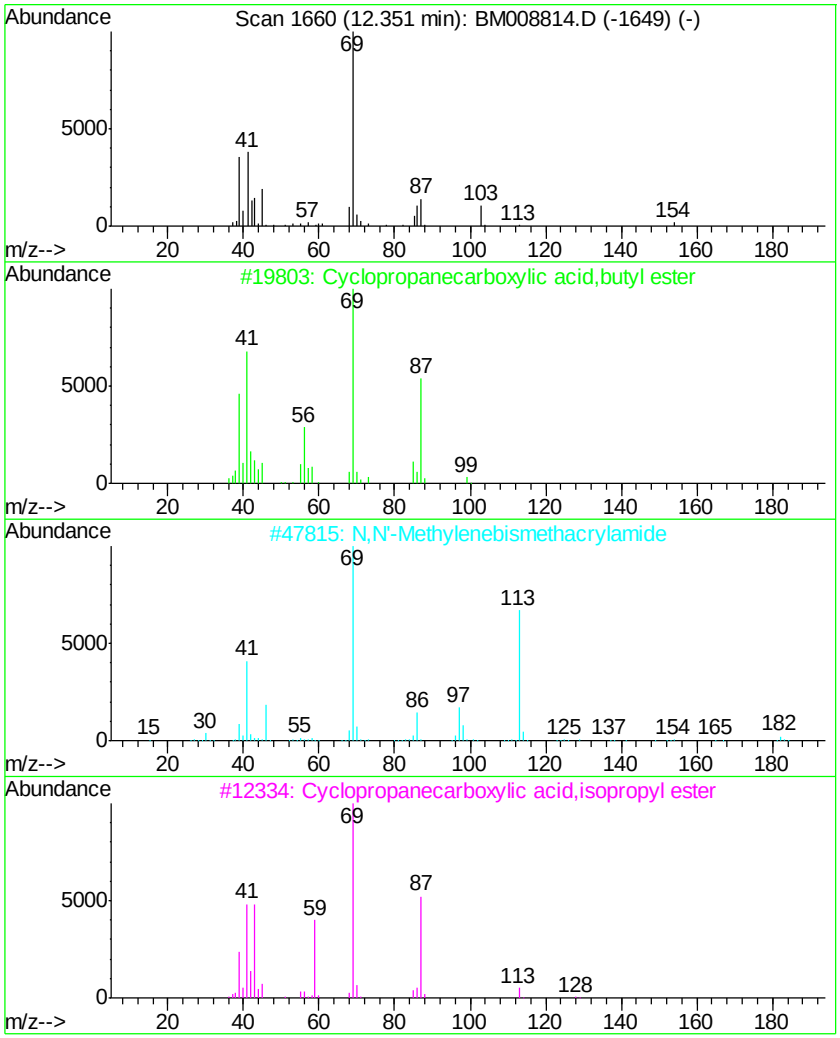
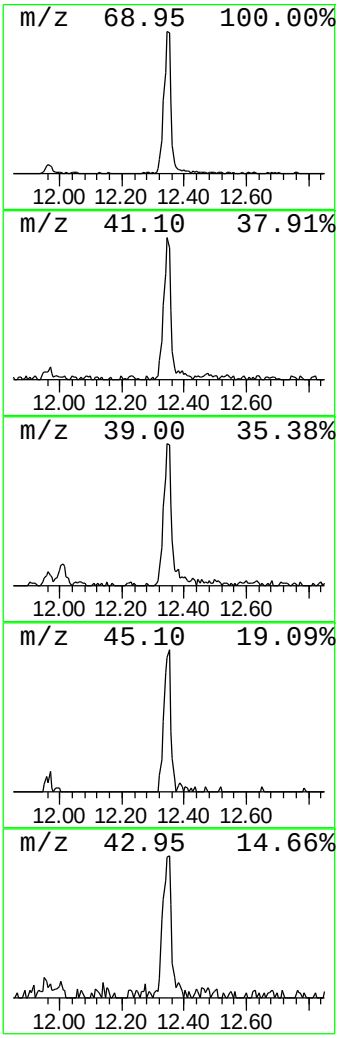
Peak Number 1 Cyclopropanecarboxylic acid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.85 ng/ul	326380	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	64
2	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	50
3	Cyclopropanecarboxylic acid,isop...	128	C7H12O2	006887-83-8	45
4	Cyclopentane, decyl-	210	C15H30	001795-21-7	43
5	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	40





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Instrument : BNA_M
ClientSampleId : BDP36

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Quant Title : SVOA CALIBRATION

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

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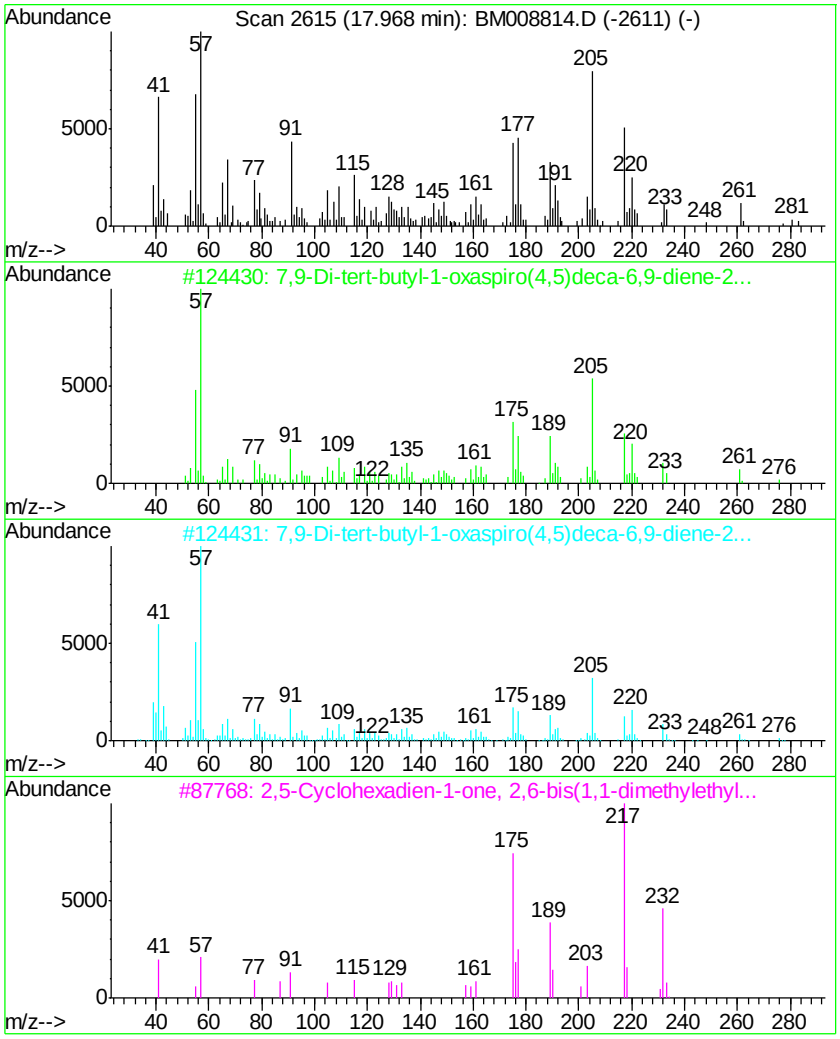
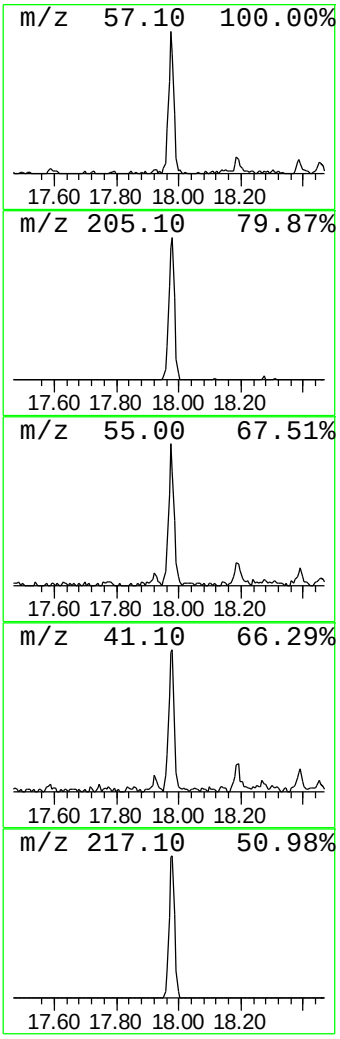
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	11.24 ng/ul	604748	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	25
4	1,2,3,6-Tetrahydropyridine, 4-[4...	205	C12H15NO2	090684-19-8	25
5	1-Aminopyrene	217	C16H11N	001606-67-3	20





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ALS Vial : 15 Sample Multiplier: 1

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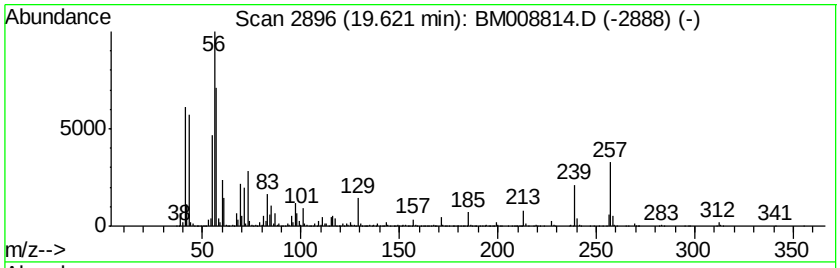
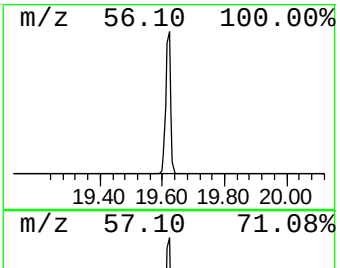
****

Peak Number 3 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	189.64 ng/ul	14565600	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5	Eicosanoic acid	312	C20H40O2	000506-30-9	35





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TIC Library : C:\DATABASE\NIST11.L
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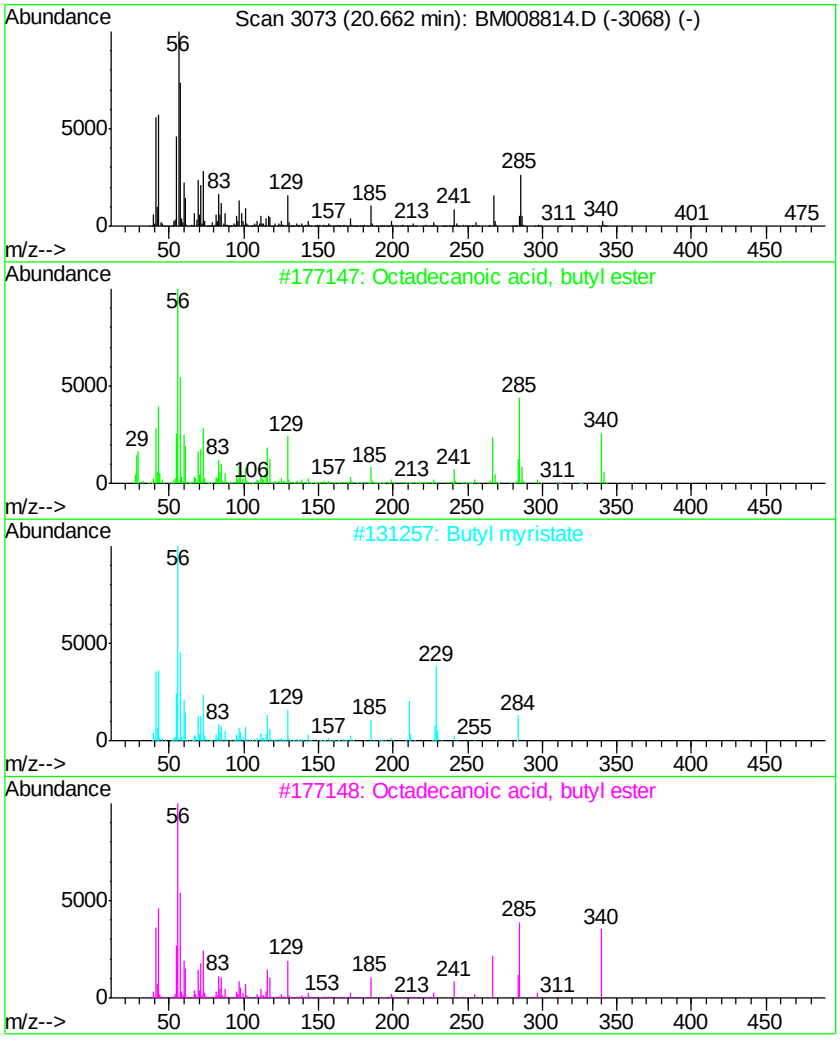
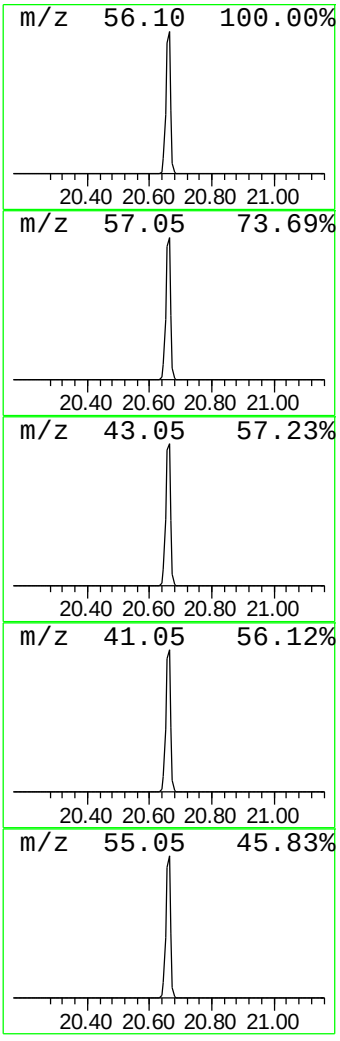
****

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	176.81 ng/ul	13580500	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	59
4	Docosanoic acid	340	C22H44O2	000112-85-6	51
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	30





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
Cyclopropanecarbo...	12.35	9.8	ng/ul	326380	2	10.75	662669	20.0
7,9-Di-tert-butyl...	17.97	11.2	ng/ul	604748	4	17.32	1076300	20.0
Hexadecanoic acid...	19.62	189.6	ng/ul	14565600	5	21.49	1536160	20.0
Octadecanoic acid...	20.66	176.8	ng/ul	13580500	5	21.49	1536160	20.0