LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033398.D
Acq On : 28 Mar 2018 22:44
Operator : SJ/JU
Sample : J2097-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.482	26	33	44	rBV2	169409	371367	8.74%	1.868%
2	3.576	44	49	60	rVB	126108	205083	4.82%	1.032%
3	5.779	418	424	430	rBV	30821	52346	1.23%	0.263%
4	6.302	505	513	530	rBV	385576	748435	17.61%	3.765%
5	7.988	793	800	823	rBV	218498	522227	12.29%	2.627%
6	8.382	858	867	885	rBV	747938	1509605	35.52%	7.595%
7	8.864	941	949	959	rBV2	129042	265445	6.25%	1.335%
8	9.199	999	1006	1021	rBV	696298	1371148	32.26%	6.898%
9	10.068	1146	1154	1171	rBV	568426	1214755	28.58%	6.111%
10	11.749	1432	1440	1455	rBV	196073	406124	9.55%	2.043%
11	14.111	1835	1842	1862	rBV	1809283	3096220	72.84%	15.577%
12	15.486	2067	2076	2088	rBV2	366972	644476	15.16%	3.242%
13	16.960	2319	2327	2347	rBV	1429093	2425420	57.06%	12.202%
14	17.101	2347	2351	2359	rVB3	24422	46634	1.10%	0.235%
15	18.212	2533	2540	2553	rBV2	463701	787495	18.53%	3.962%
16	19.011	2672	2676	2686	rBV4	46516	87107	2.05%	0.438%
17	20.251	2882	2887	2894	rBV7	34294	68009	1.60%	0.342%
18	20.738	2963	2970	2982	rBV	3052409	4250443	100.00%	21.384%
19	22.072	3193	3197	3203	rBV5	50329	90131	2.12%	0.453%
20	22.560	3273	3280	3288	rBV2	454507	853379	20.08%	4.293%
21	26.326	3912	3921	3935	rVB	272093	861257	20.26%	4.333%

Sum of corrected areas: 19877106

LSC Report - Integrated Chromatogram

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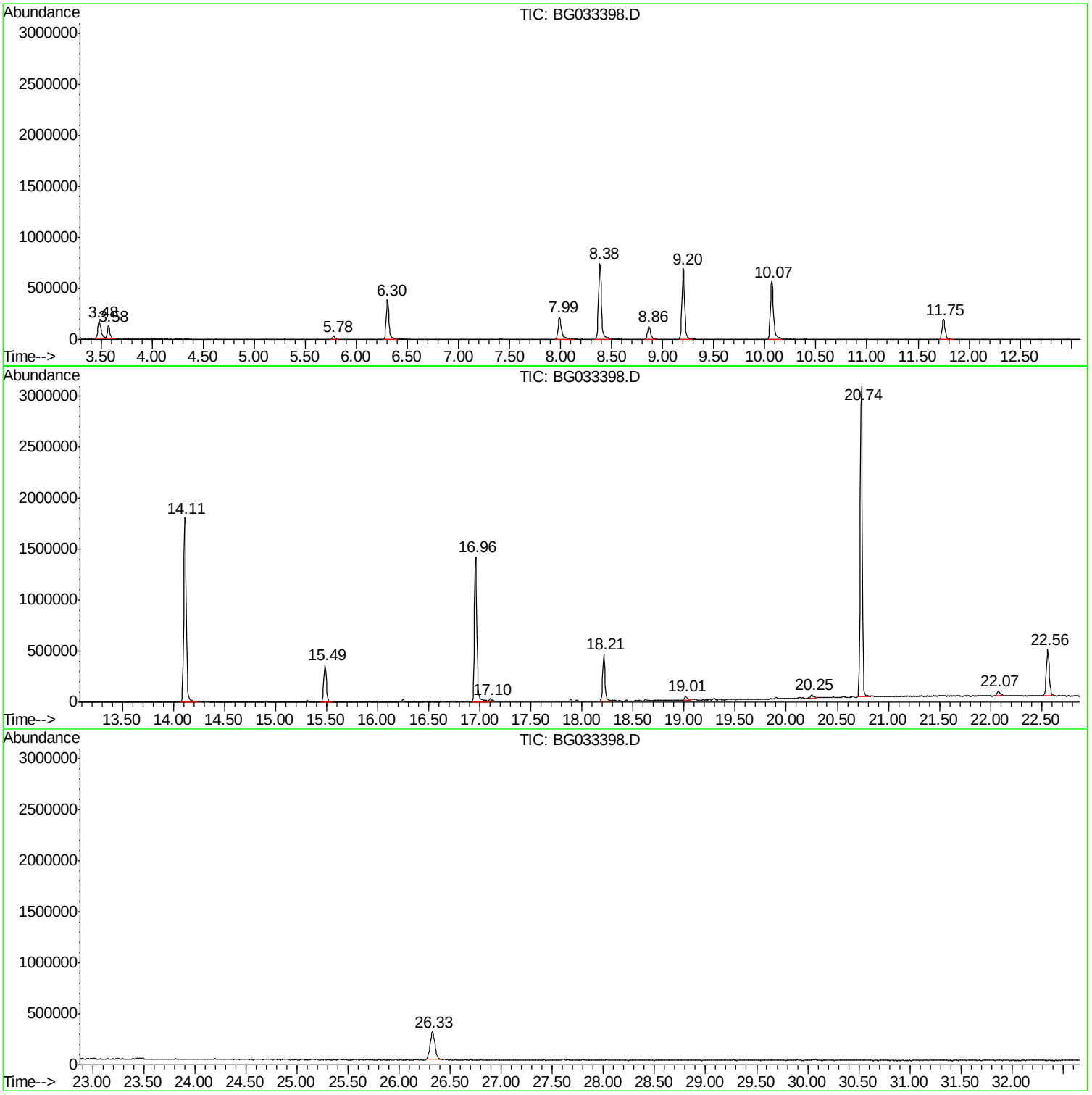
ClientSampleId : LIP-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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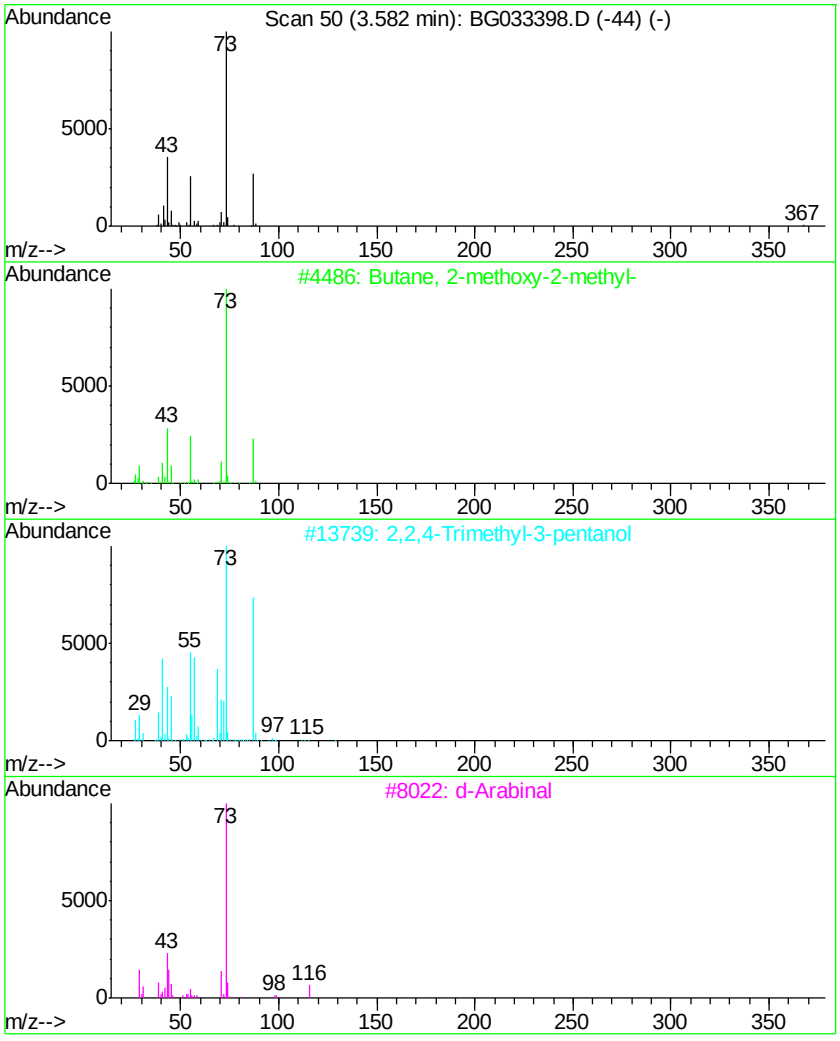
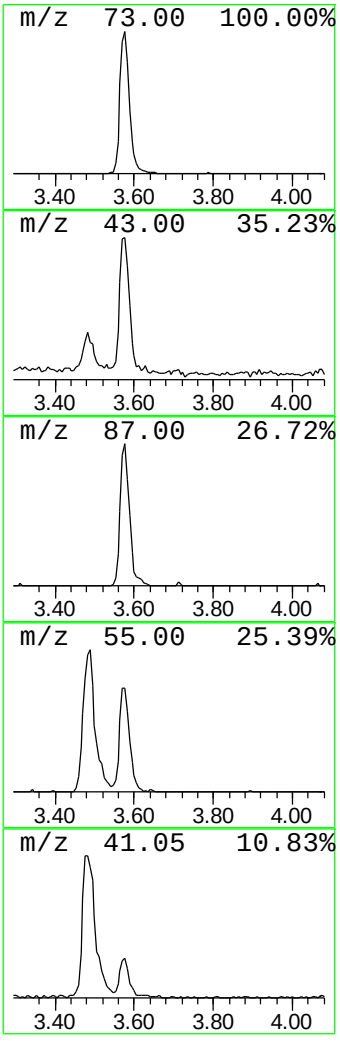
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	15.45 ng	205083	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	d-Arabinal	116	C5H8O3	000496-61-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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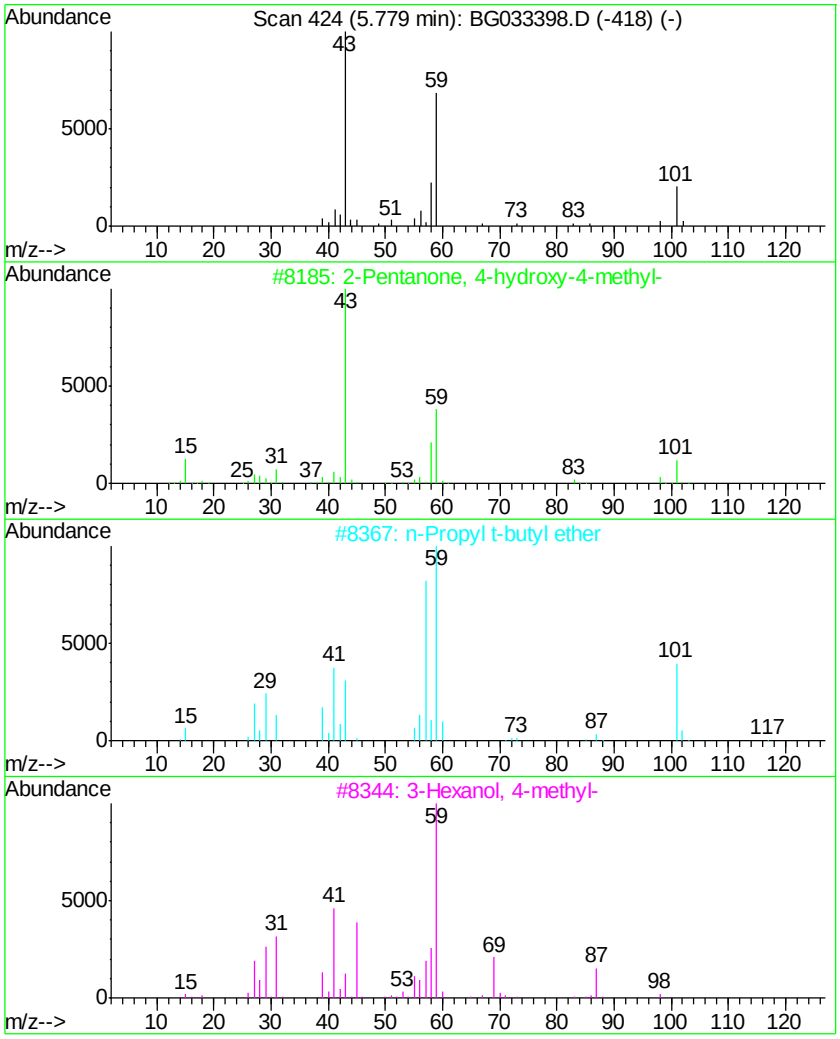
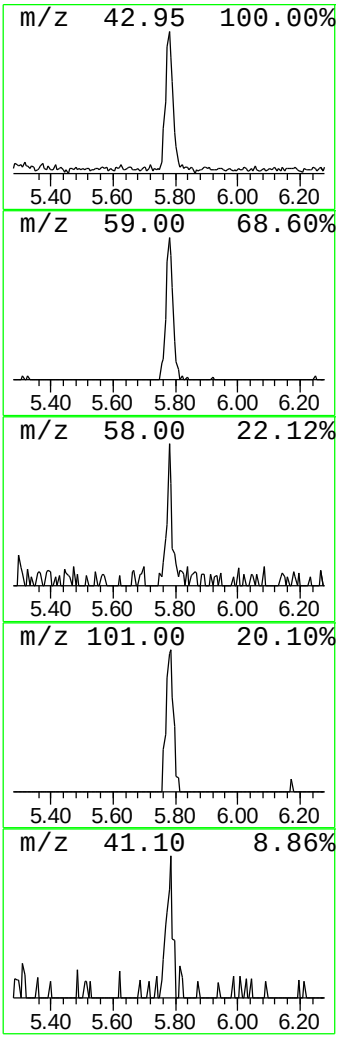
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	3.94 ng	52346	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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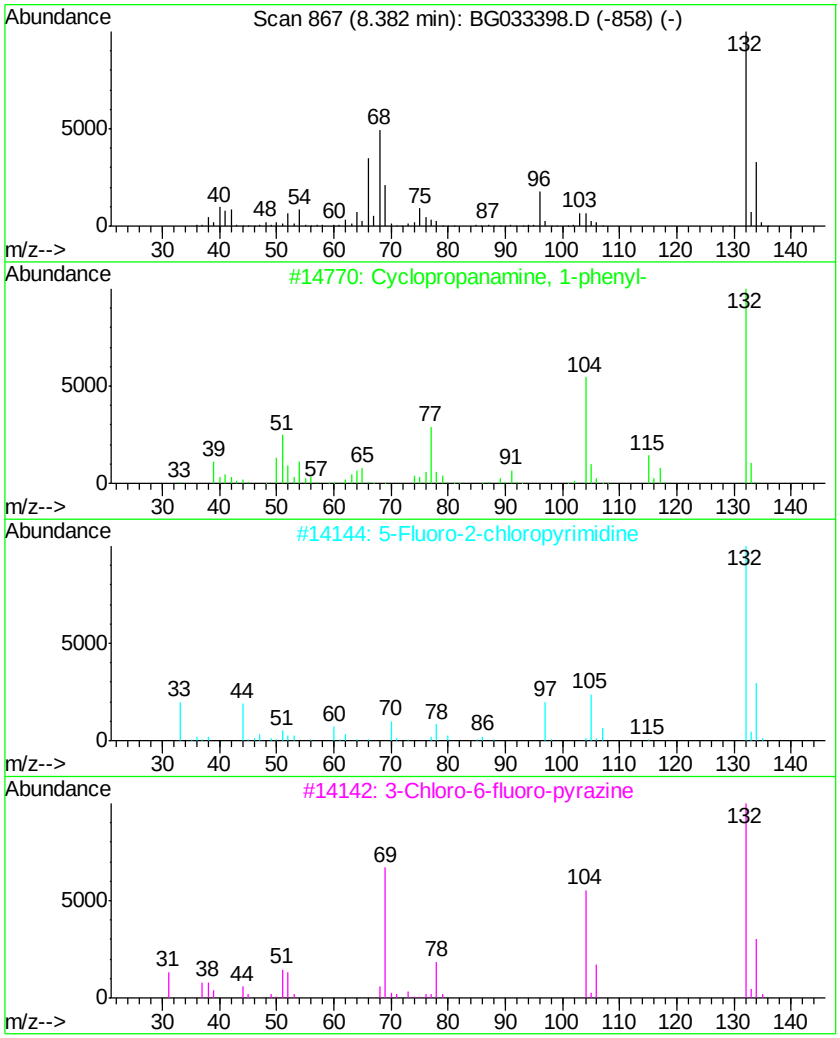
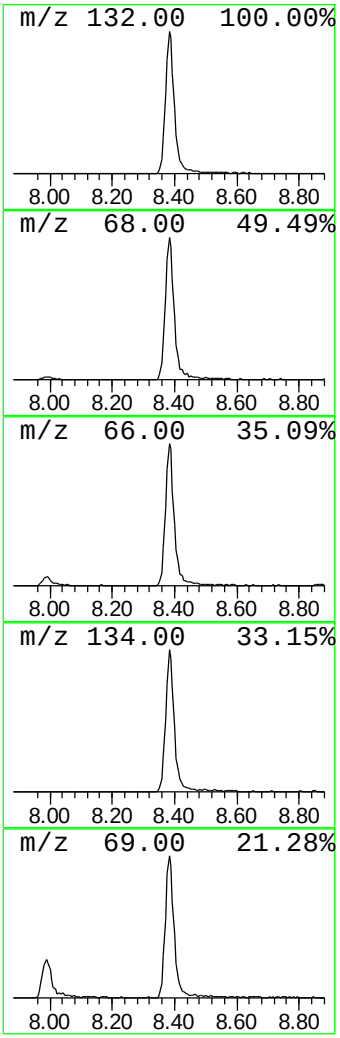
Peak Number 4 unknown8.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	113.74 ng	1509610	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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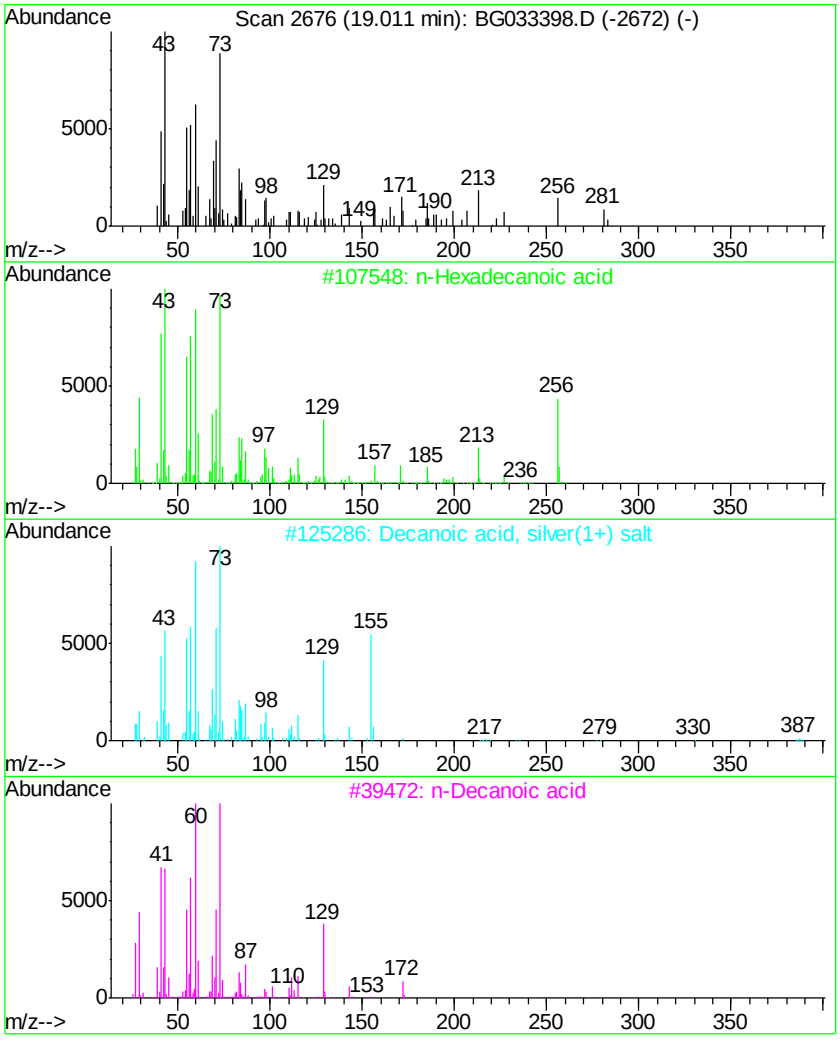
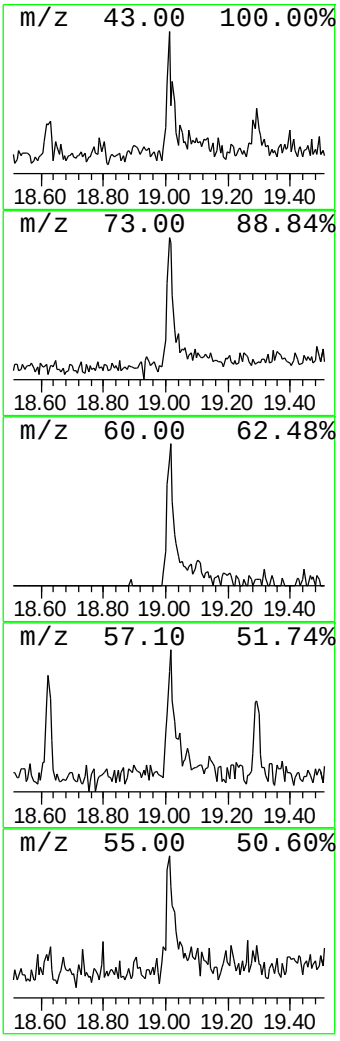
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.21 ng	87107	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	35





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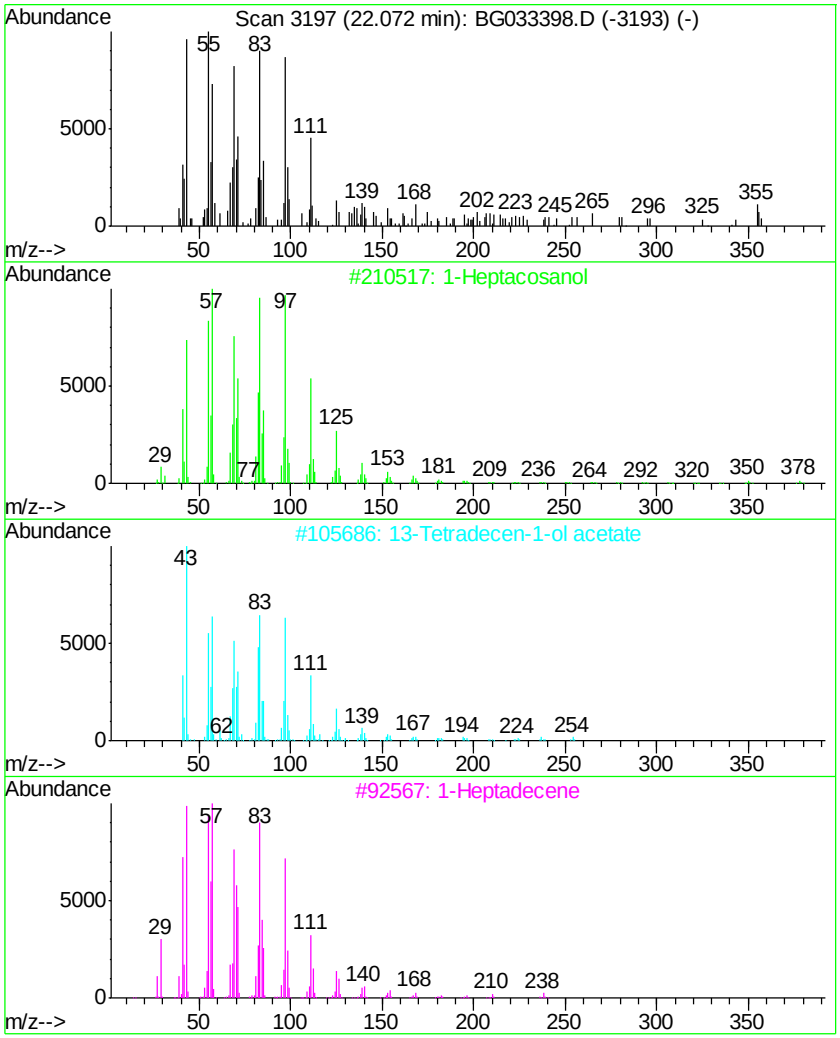
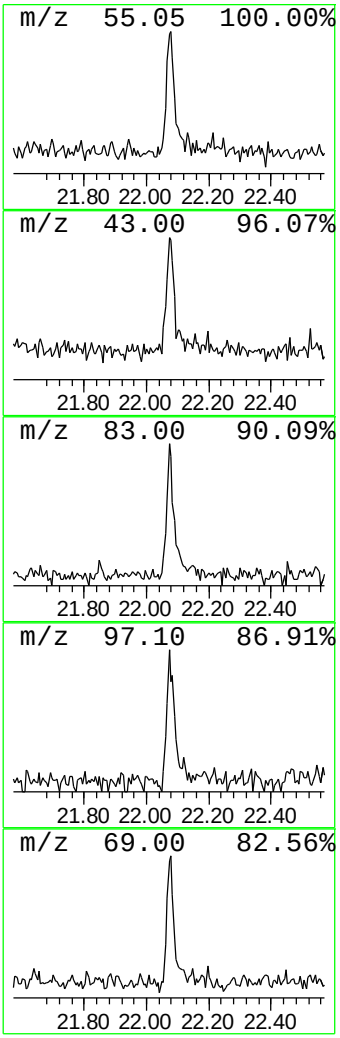
Peak Number 7 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.11 ng	90131	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	86
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
3	1-Heptadecene	238	C17H34	006765-39-5	83
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.58	15.4	ng	205083	1	8.86	265445	20.0
2-Pentanone, 4-hy...	5.78	3.9	ng	52346	1	8.86	265445	20.0
unknown8.38	8.38	113.7	ng	1509610	1	8.86	265445	20.0
n-Hexadecanoic acid	19.01	2.2	ng	87107	4	18.21	787495	20.0
1-Heptacosanol	22.07	2.1	ng	90131	5	22.56	853379	20.0