LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039785.D
Acq On : 6 Mar 2019 13:29
Operator : JU/SJ
Sample : K1704-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW063-022719

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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	3.206	15	20	29	rBV	214862	393582	10.69%	1.900%
2	3.282	29	33	40	rVB	49126	70181	1.91%	0.339%
3	5.696	437	444	454	rBV	912883	1518053	41.22%	7.328%
4	7.300	709	717	729	rBV	1013246	1818352	49.37%	8.777%
5	7.682	774	782	791	rBV	929839	1618730	43.95%	7.814%
6	8.158	854	863	872	rVB	152406	262387	7.12%	1.267%
7	8.481	910	918	925	rBV	630771	1106844	30.05%	5.343%
8	9.333	1055	1063	1073	rBV	581470	1036886	28.15%	5.005%
9	10.977	1333	1343	1353	rBV	217354	389486	10.58%	1.880%
10	13.404	1748	1756	1766	rVB	1597279	2452210	66.58%	11.837%
11	14.220	1887	1895	1901	rBV	79817	116098	3.15%	0.560%
12	14.778	1984	1990	1998	rBV2	366108	602323	16.35%	2.907%
13	16.264	2236	2243	2252	rBV	1393027	2163017	58.73%	10.441%
14	17.527	2451	2458	2469	rVB	523377	808554	21.95%	3.903%
15	18.379	2595	2603	2613	rBV	93929	168382	4.57%	0.813%
16	20.118	2893	2899	2905	rBV	2770087	3682863	100.00%	17.777%
17	21.399	3112	3117	3138	rBV	193207	386669	10.50%	1.866%
18	21.810	3180	3187	3197	rVB	513246	893185	24.25%	4.311%
19	22.585	3314	3319	3323	rBV2	23661	42392	1.15%	0.205%
20	23.302	3435	3441	3450	rVB	31739	63016	1.71%	0.304%
21	23.502	3470	3475	3484	rVB4	23431	45402	1.23%	0.219%
22	24.136	3577	3583	3591	rVB3	34223	72152	1.96%	0.348%
23	25.182	3741	3761	3774	rBV3	280011	940526	25.54%	4.540%
24	26.316	3944	3954	3962	rVB5	20504	65748	1.79%	0.317%

Sum of corrected areas: 20717038

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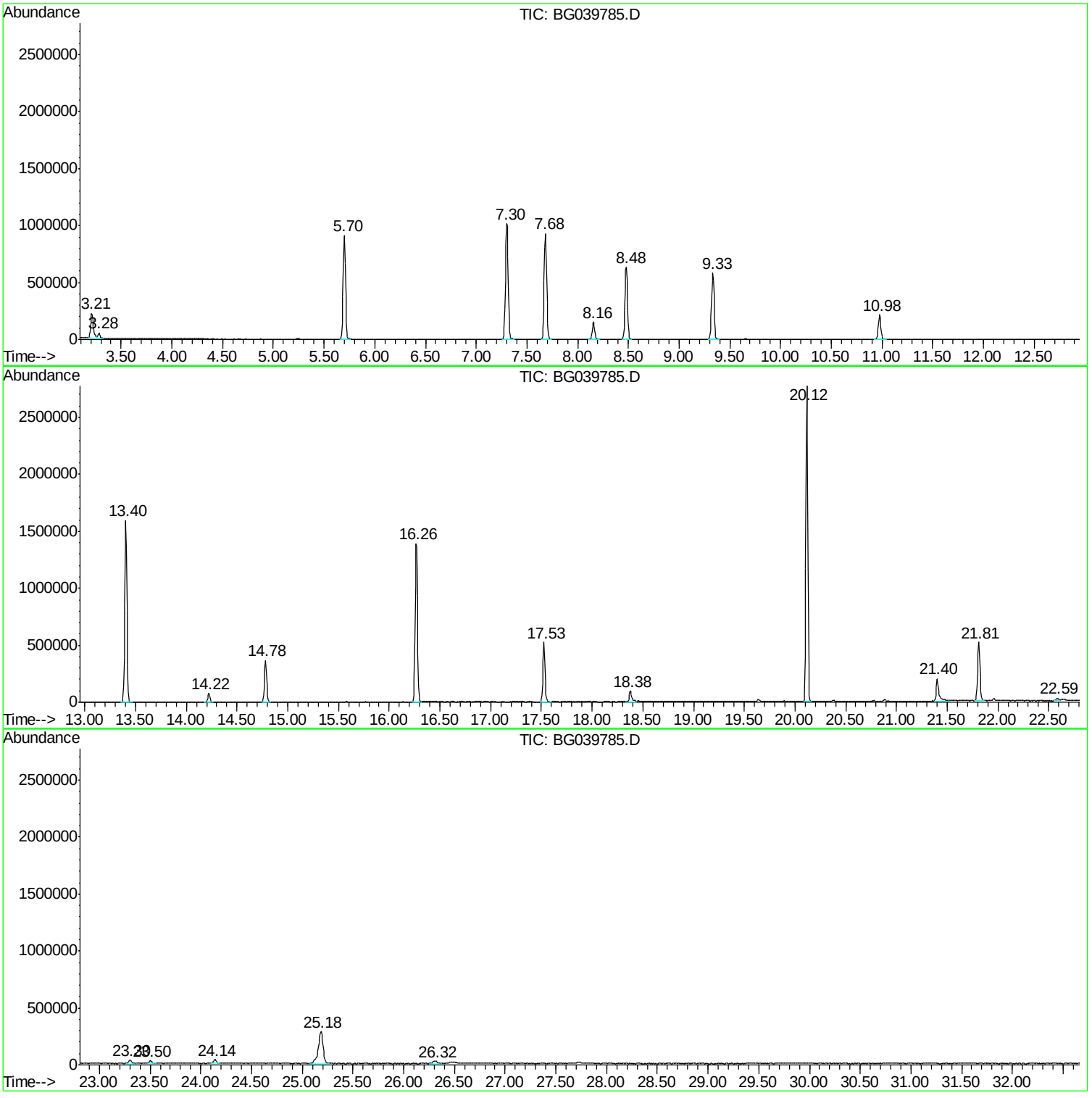
PST-028-SW063-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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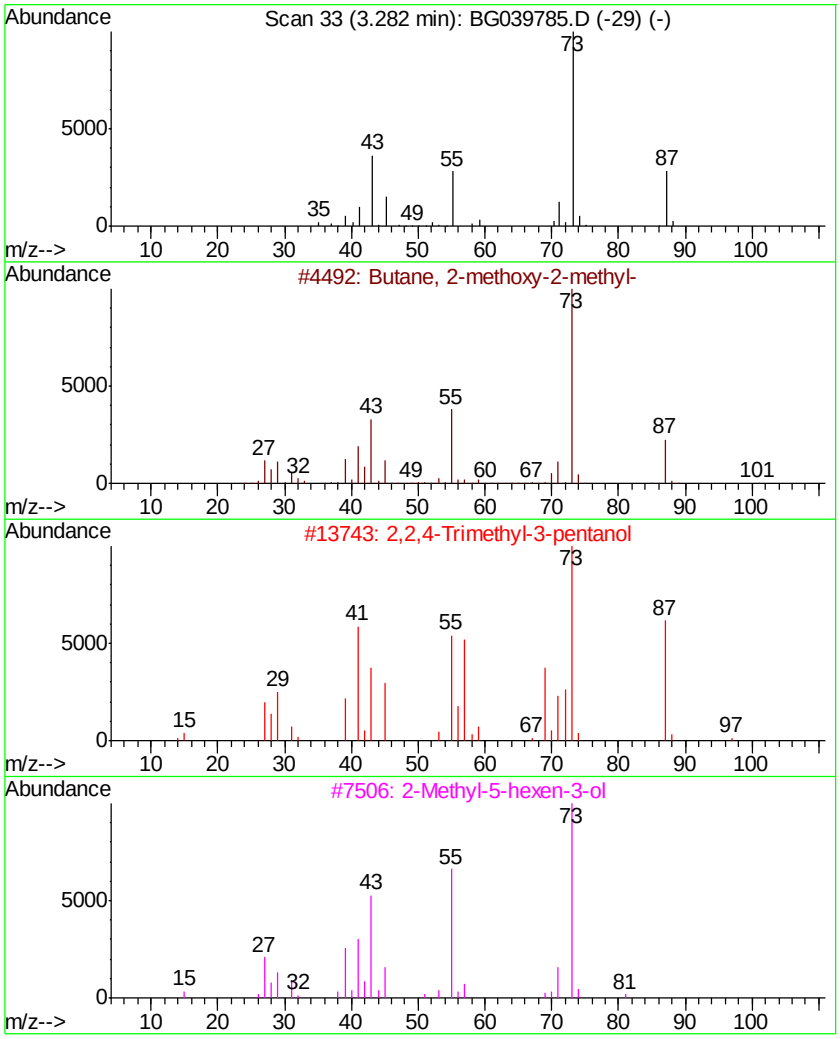
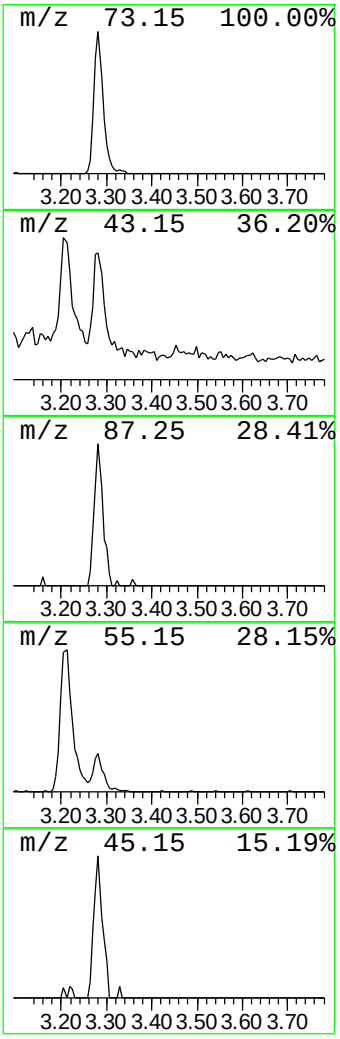
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	5.35 ng	70181	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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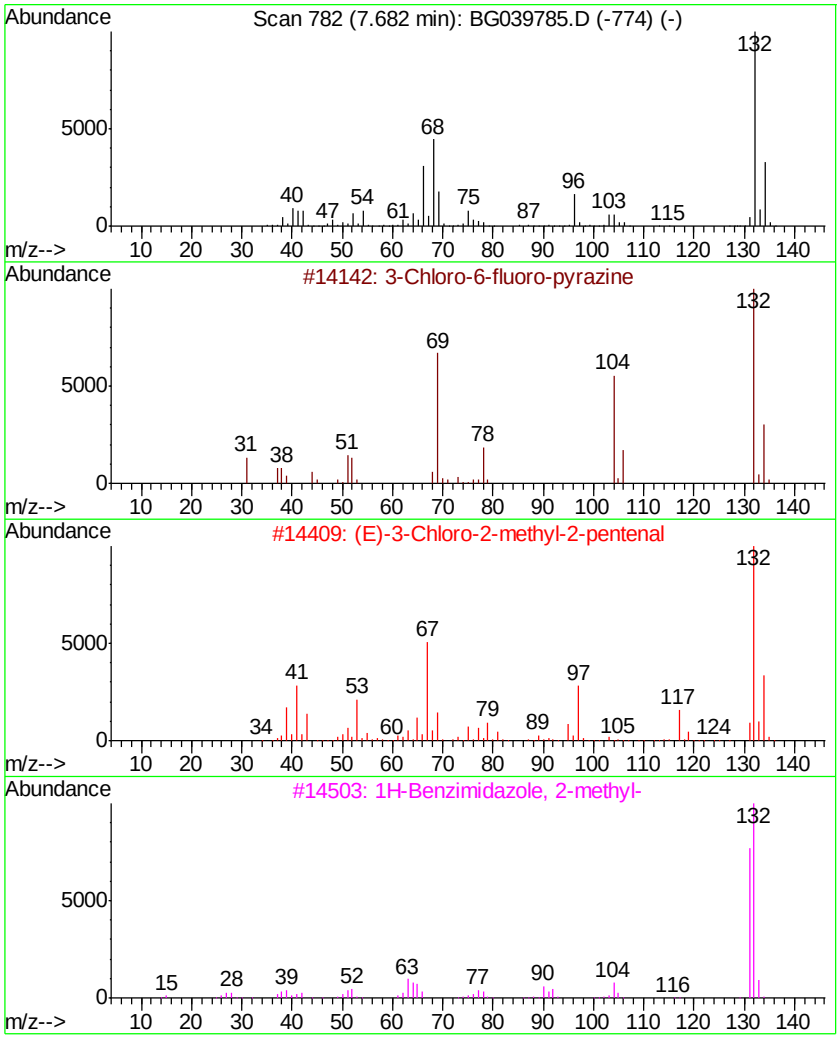
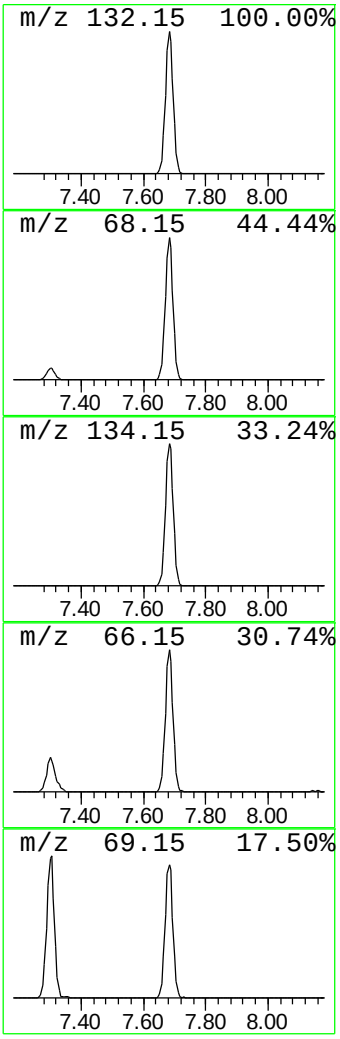
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	123.39 ng	1618730	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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Sample : K1704-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW063-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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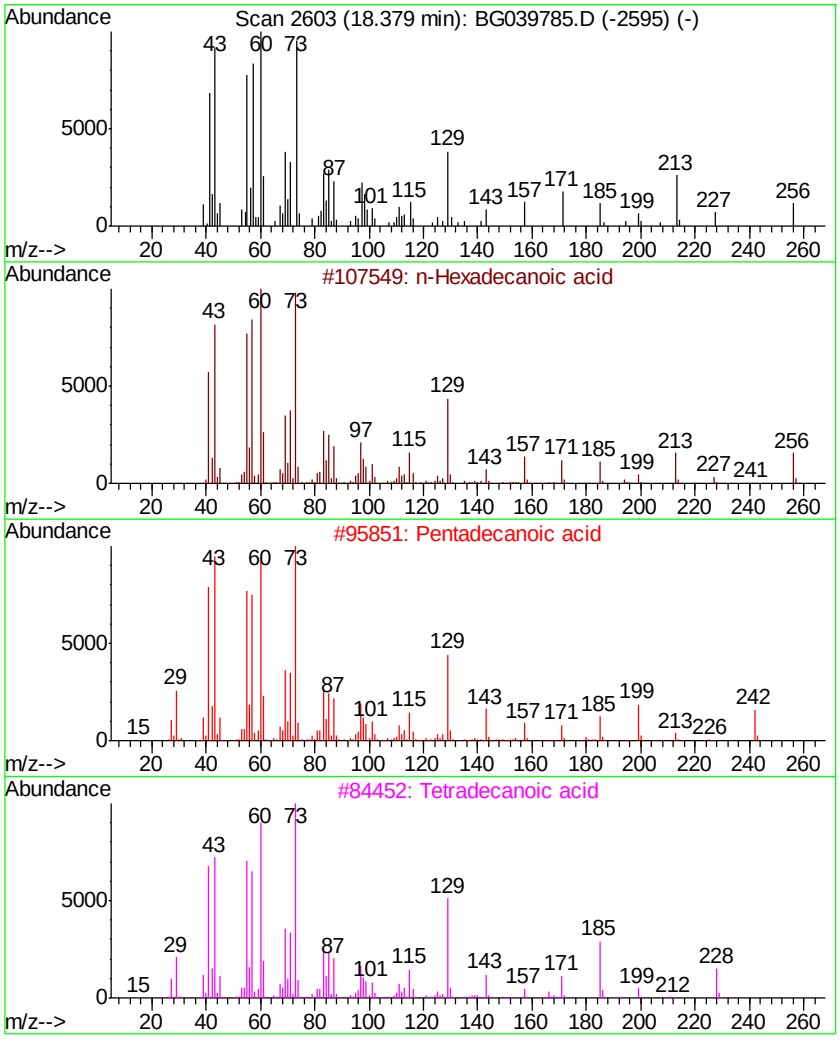
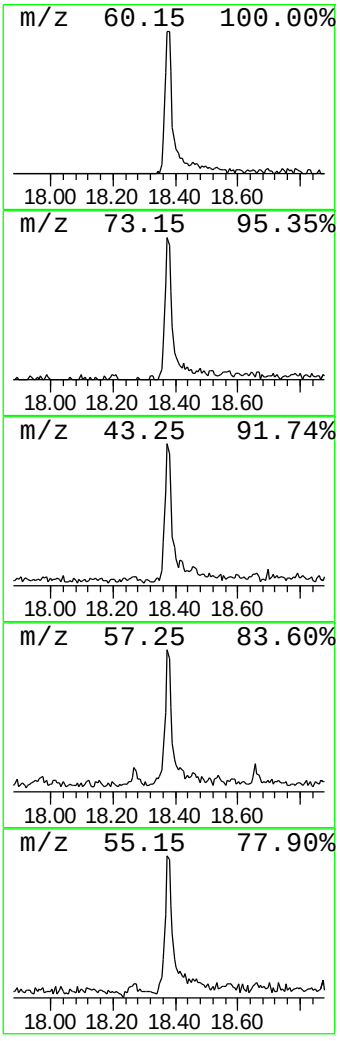
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.17 ng	168382	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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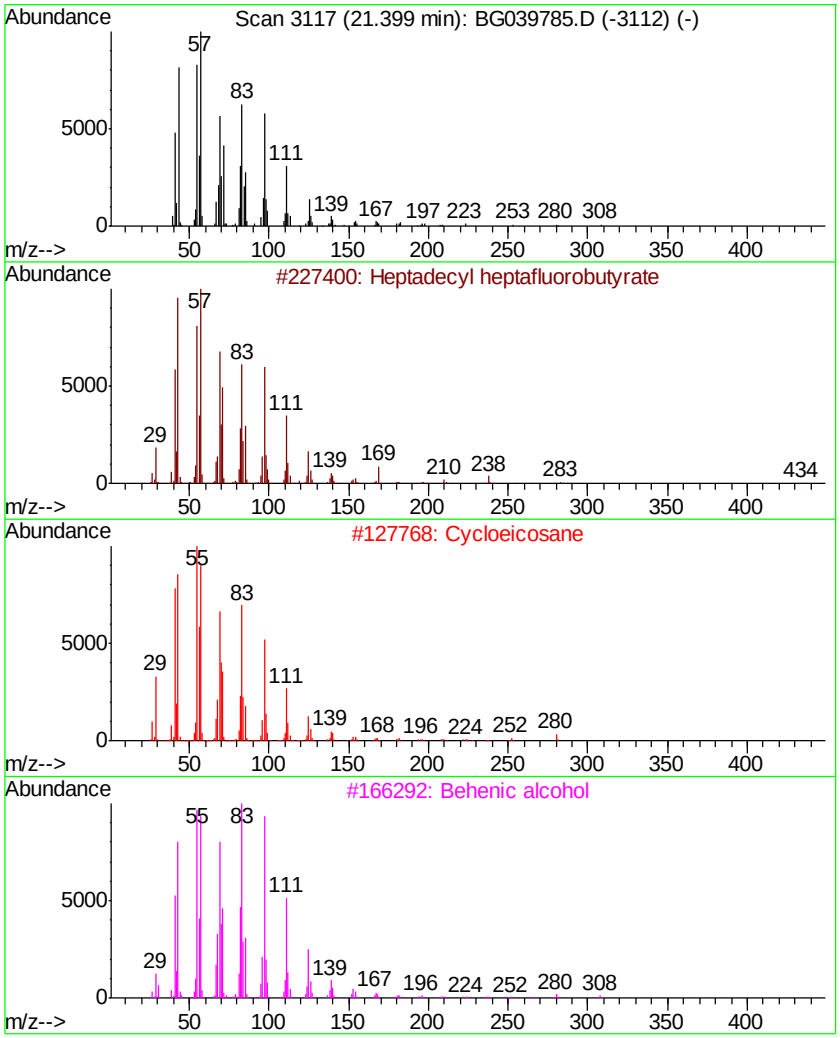
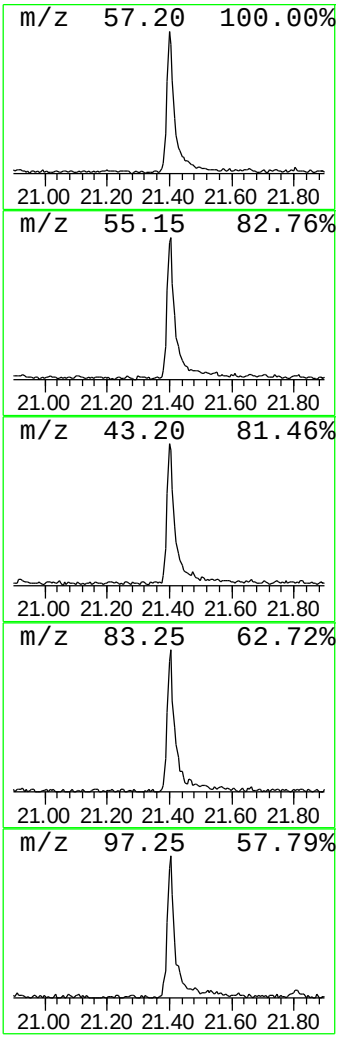
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	8.66 ng	386669	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Cycloeicosane	280	C20H40	000296-56-0	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





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...	3.28	5.3	ng	70181	1	8.16	262387	20.0
unknown7.68	7.68	123.4	ng	1618730	1	8.16	262387	20.0
n-Hexadecanoic acid	18.38	4.2	ng	168382	4	17.53	808554	20.0
Heptadecyl heptaf...	21.40	8.7	ng	386669	5	21.81	893185	20.0