LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039822.D
Acq On : 8 Mar 2019 15:38
Operator : JU/SJ
Sample : K1807-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

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	70387	128338	3.49%	0.583%
2	3.277	29	32	48	rVB	53042	89227	2.42%	0.405%
3	5.697	437	444	459	rVB	1039502	1649154	44.79%	7.487%
4	7.301	709	717	729	rBV	1098361	1967273	53.43%	8.932%
5	7.683	773	782	790	rBV	1015455	1760468	47.81%	7.993%
6	8.153	855	862	872	rBV	173043	290915	7.90%	1.321%
7	8.476	909	917	926	rBV	673776	1185619	32.20%	5.383%
8	9.333	1054	1063	1074	rBV	615225	1119555	30.41%	5.083%
9	10.972	1335	1342	1350	rBV	245045	445551	12.10%	2.023%
10	13.404	1747	1756	1766	rBV	1572588	2479332	67.33%	11.257%
11	14.221	1888	1895	1901	rBV	103234	151912	4.13%	0.690%
12	14.779	1983	1990	1998	rBV2	423480	707042	19.20%	3.210%
13	16.265	2236	2243	2255	rBV	1548813	2306321	62.64%	10.471%
14	17.522	2450	2457	2468	rVB	611714	921365	25.02%	4.183%
15	18.374	2595	2602	2613	rBV	141309	243088	6.60%	1.104%
16	19.637	2812	2817	2827	rBV2	43413	81435	2.21%	0.370%
17	20.119	2892	2899	2905	rBV	2753618	3682109	100.00%	16.717%
18	21.399	3112	3117	3139	rBV	199620	433155	11.76%	1.967%
19	21.811	3180	3187	3197	rVB2	615755	1022722	27.78%	4.643%
20	23.297	3435	3440	3447	rVB2	24085	48110	1.31%	0.218%
21	23.502	3467	3475	3485	rVB2	40212	86007	2.34%	0.390%
22	24.137	3575	3583	3591	rVB2	28632	66279	1.80%	0.301%
23	25.183	3743	3761	3772	rBV	339647	1059149	28.76%	4.809%
24	26.305	3942	3952	3960	rVB3	20273	64088	1.74%	0.291%
25	27.709	4186	4191	4202	rVB3	11261	37500	1.02%	0.170%

Sum of corrected areas: 22025714

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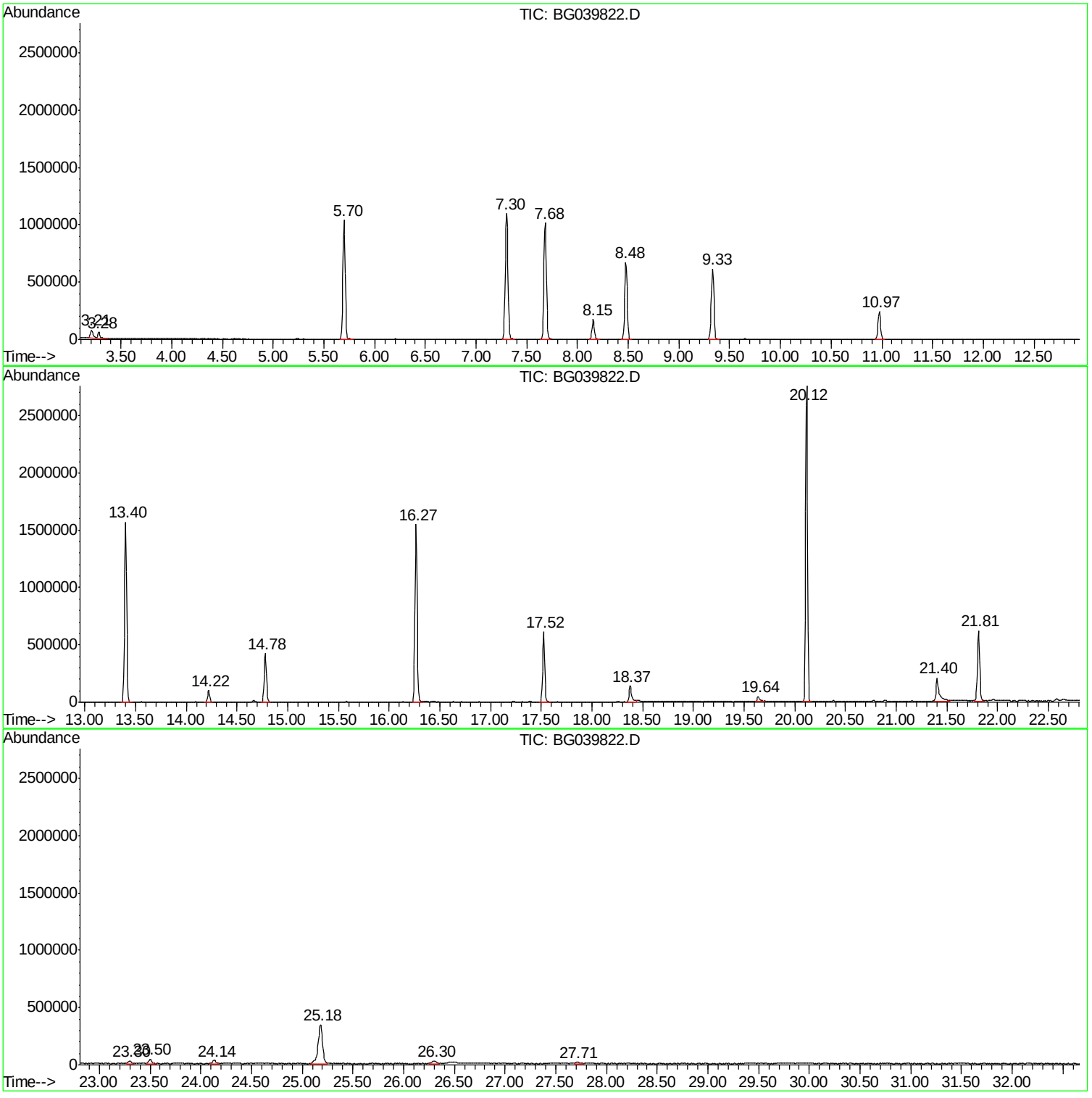
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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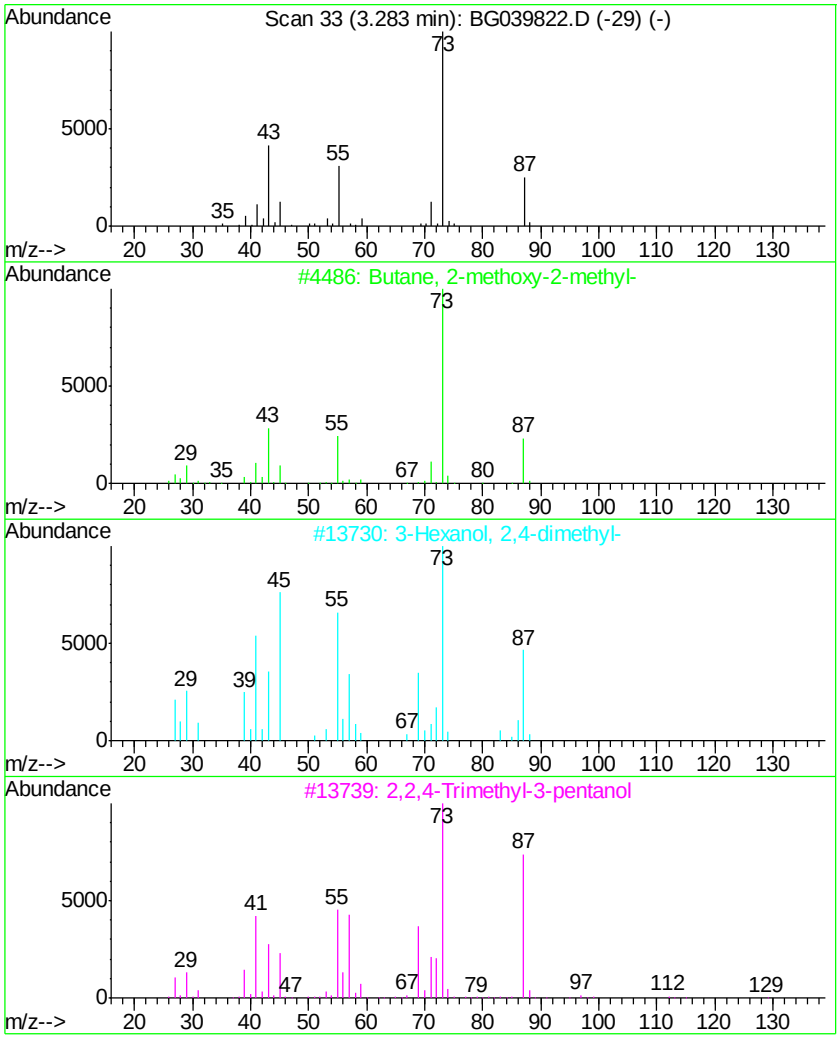
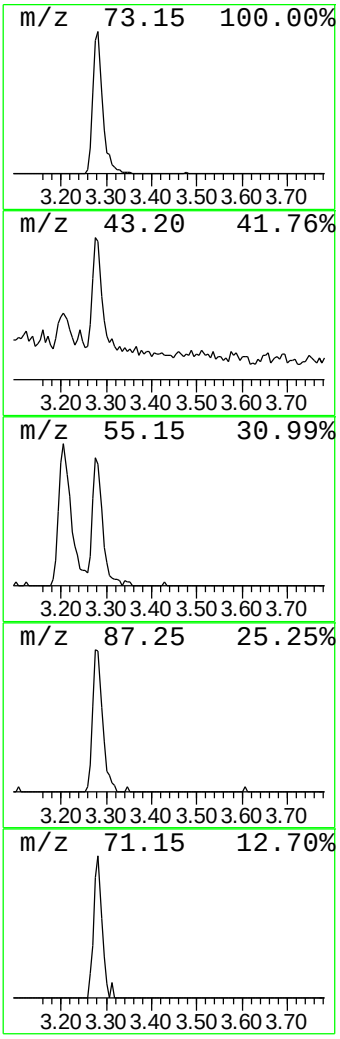
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	6.13 ng	89227	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
4	D-Epi-Inositol, 4-C-methyl-	194	C7H14O6	040788-89-4	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : TP-3

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TIC Library : C:\Database\NIST11.L
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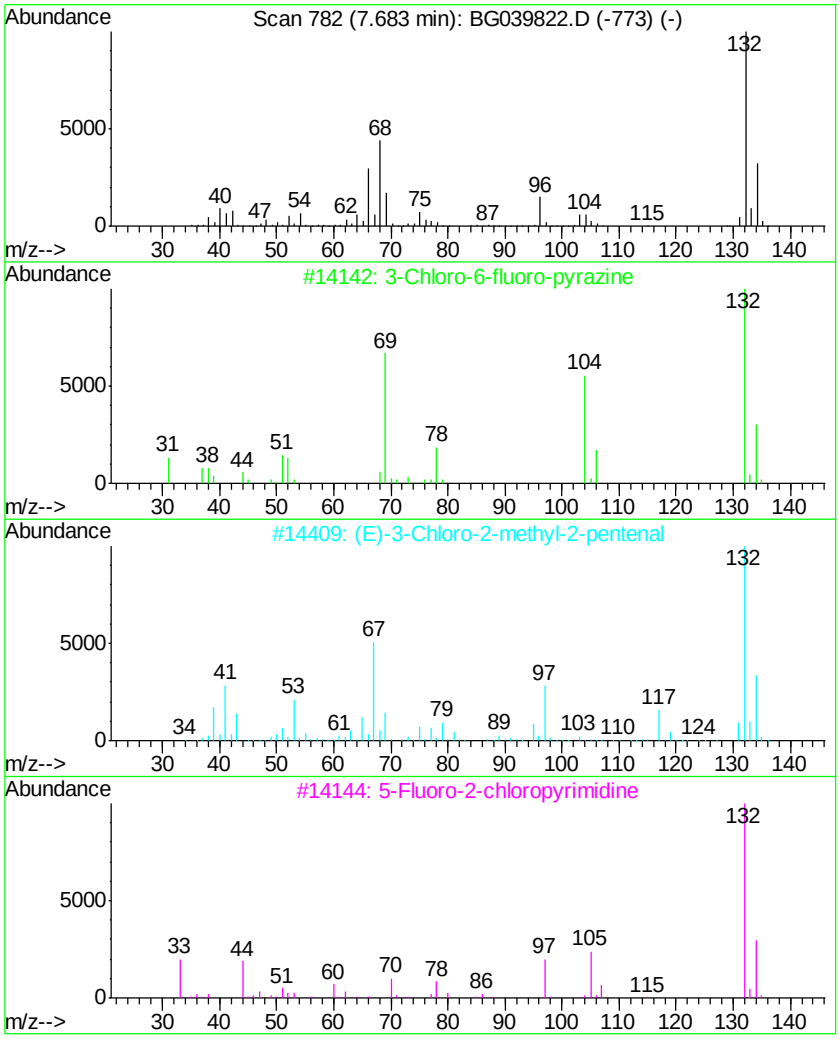
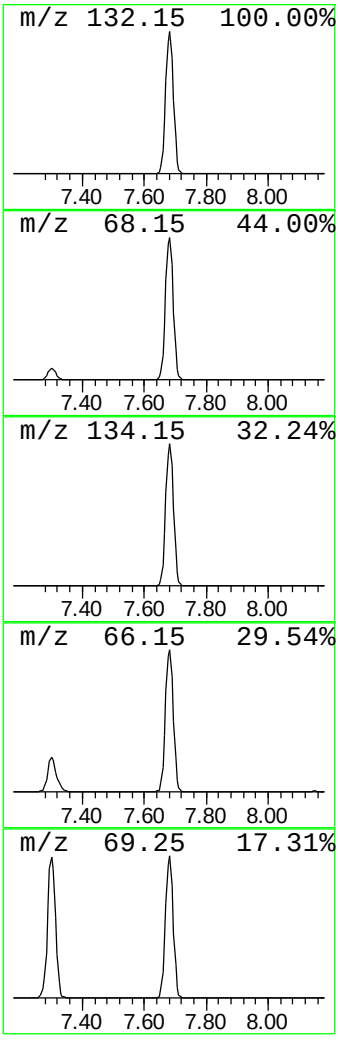
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	121.03 ng	1760470	1,4-Dichlorobenzene-d4	8.15

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	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12





Library Search Compound Report

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Operator : JU/SJ
Sample : K1807-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

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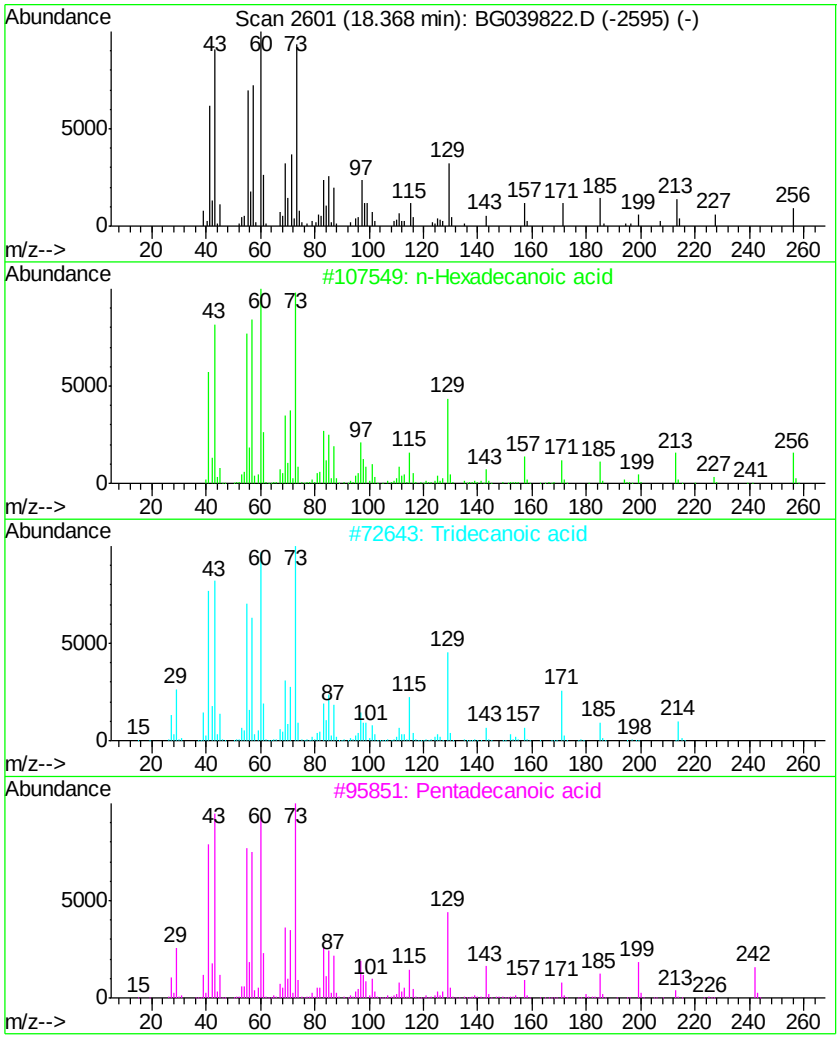
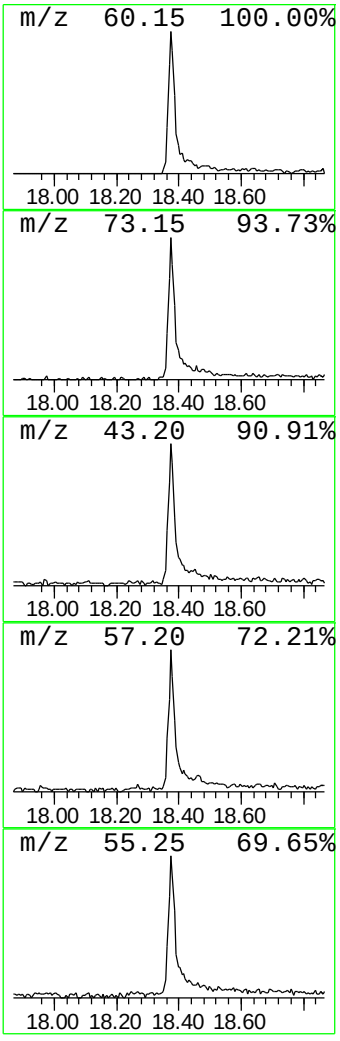
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.28 ng	243088	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Instrument : BNA_G
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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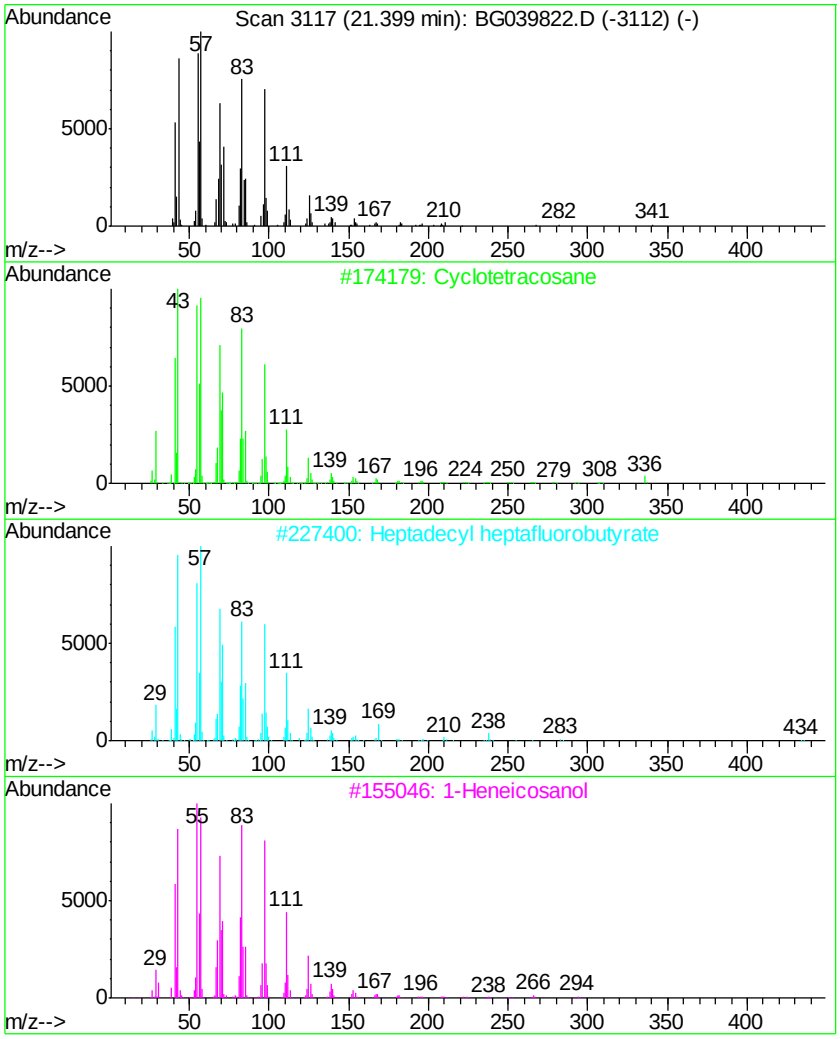
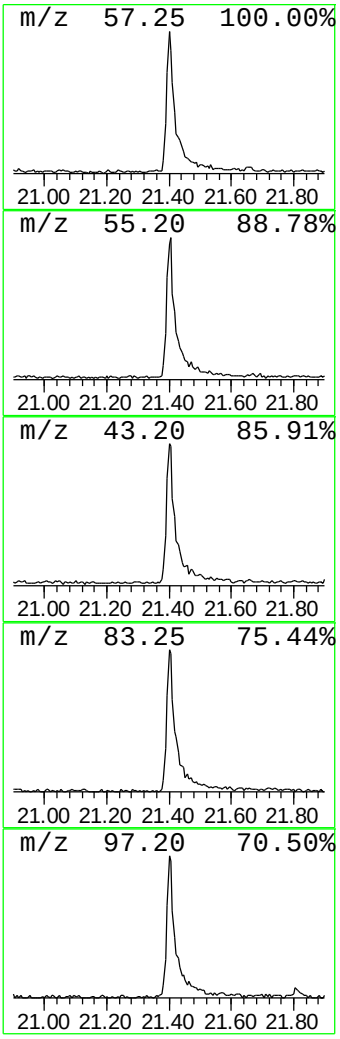
Peak Number 6 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	8.47 ng	433155	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	6.1	ng	89227	1	8.15	290915	20.0
unknown7.68	7.68	121.0	ng	1760470	1	8.15	290915	20.0
n-Hexadecanoic acid	18.37	5.3	ng	243088	4	17.52	921365	20.0
Cyclotetracosane	21.40	8.5	ng	433155	5	21.81	1022720	20.0