LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039868.D
Acq On : 12 Mar 2019 10:55
Operator : JU/SJ
Sample : K1837-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-05-COMP

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	3.209	14	20	28	rBV	70162	136129	4.62%	0.818%
2	3.279	28	32	43	rVB	51190	74673	2.53%	0.449%
3	5.699	436	444	458	rBV	827088	1324017	44.90%	7.956%
4	7.297	708	716	734	rBV	848879	1575864	53.44%	9.469%
5	7.679	773	781	791	rBV	800718	1382027	46.87%	8.304%
6	8.155	854	862	872	rBV	140840	237517	8.05%	1.427%
7	8.478	909	917	925	rBV	537825	925819	31.40%	5.563%
8	9.330	1054	1062	1073	rBV	493478	885949	30.04%	5.324%
9	10.975	1334	1342	1350	rBV	186697	338324	11.47%	2.033%
10	13.401	1747	1755	1763	rBV	1157383	1803900	61.17%	10.839%
11	14.217	1889	1894	1901	rBV	89919	127674	4.33%	0.767%
12	14.781	1982	1990	1997	rBV2	308117	514326	17.44%	3.091%
13	16.262	2235	2242	2259	rBV	1147580	1779705	60.35%	10.694%
14	17.525	2450	2457	2463	rBV2	440348	687136	23.30%	4.129%
15	18.371	2596	2601	2612	rBV2	40675	75863	2.57%	0.456%
16	20.115	2892	2898	2904	rBV	2351626	2948848	100.00%	17.719%
17	21.402	3112	3117	3125	rBV9	24438	62999	2.14%	0.379%
18	21.807	3178	3186	3195	rBV	476284	811446	27.52%	4.876%
19	23.299	3433	3440	3447	rBV3	42311	85153	2.89%	0.512%
20	24.133	3575	3582	3591	rVB4	18016	43438	1.47%	0.261%
21	25.179	3742	3760	3774	rBV2	238991	789312	26.77%	4.743%
22	26.301	3941	3951	3957	rBV2	9983	31876	1.08%	0.192%

Sum of corrected areas: 16641995

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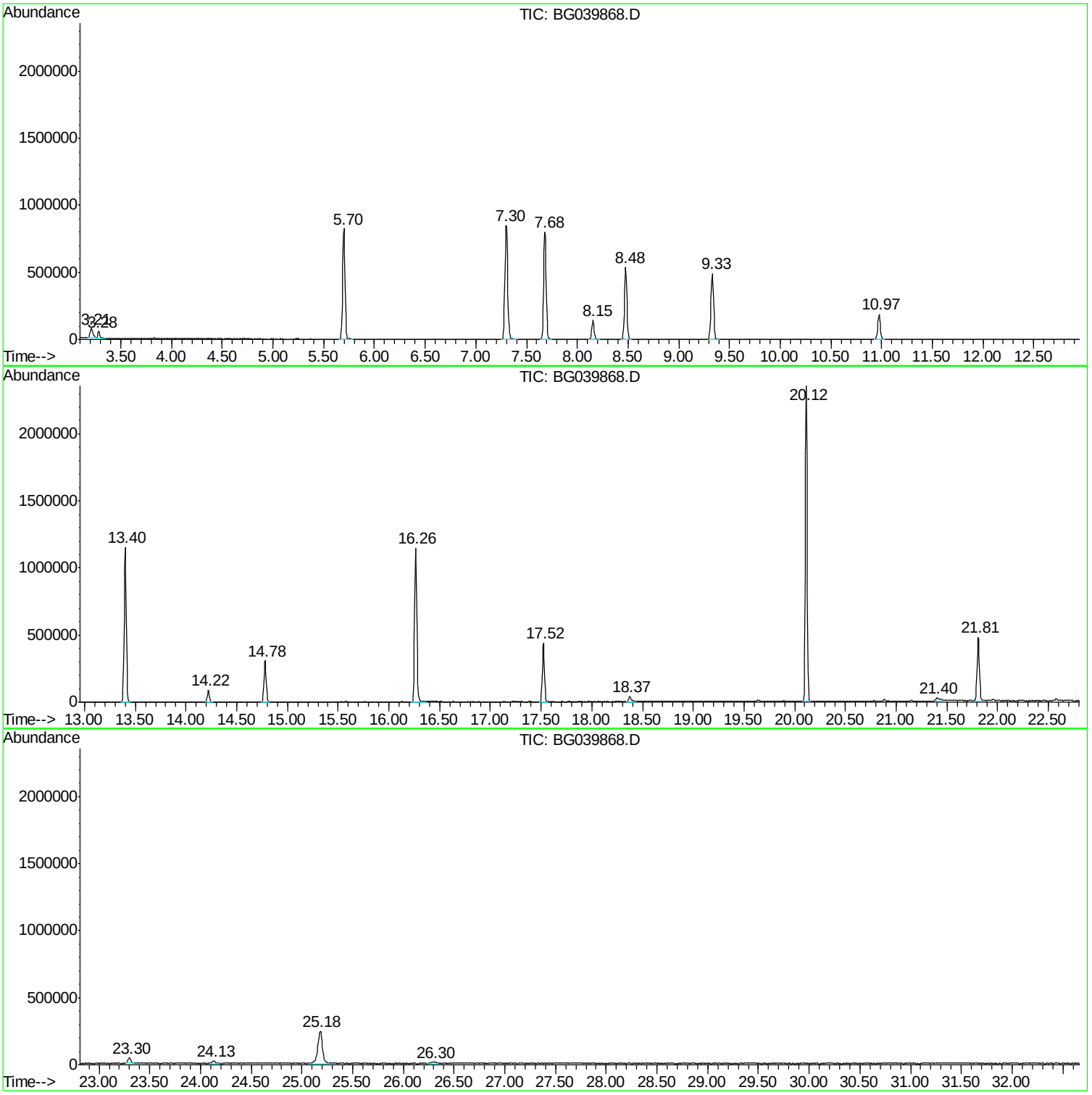
ClientSampleId :
MR-MH-05-COMP

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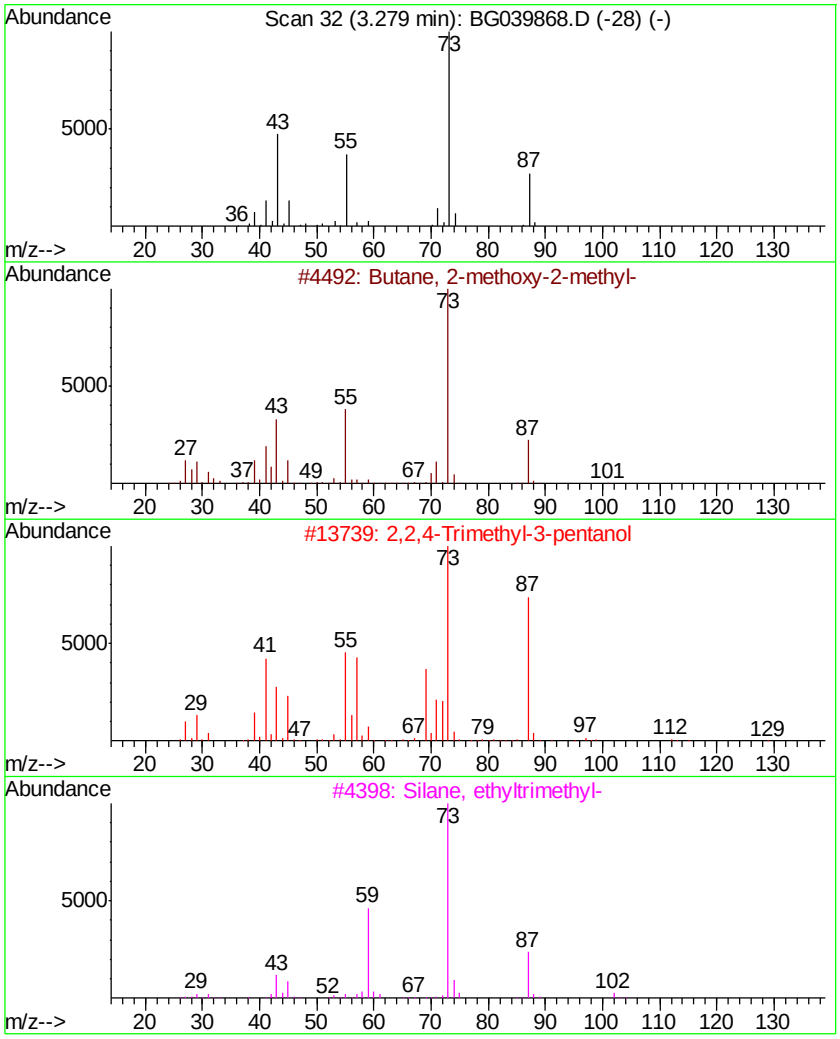
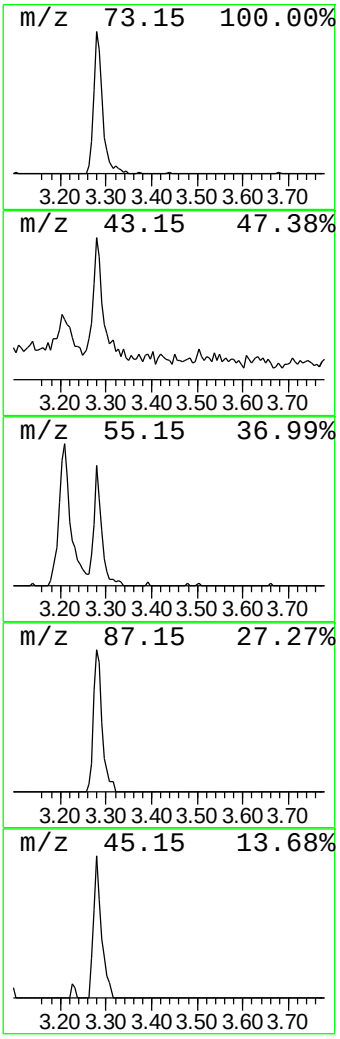
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	6.29 ng	74673	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	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039868.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-05-COMP

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

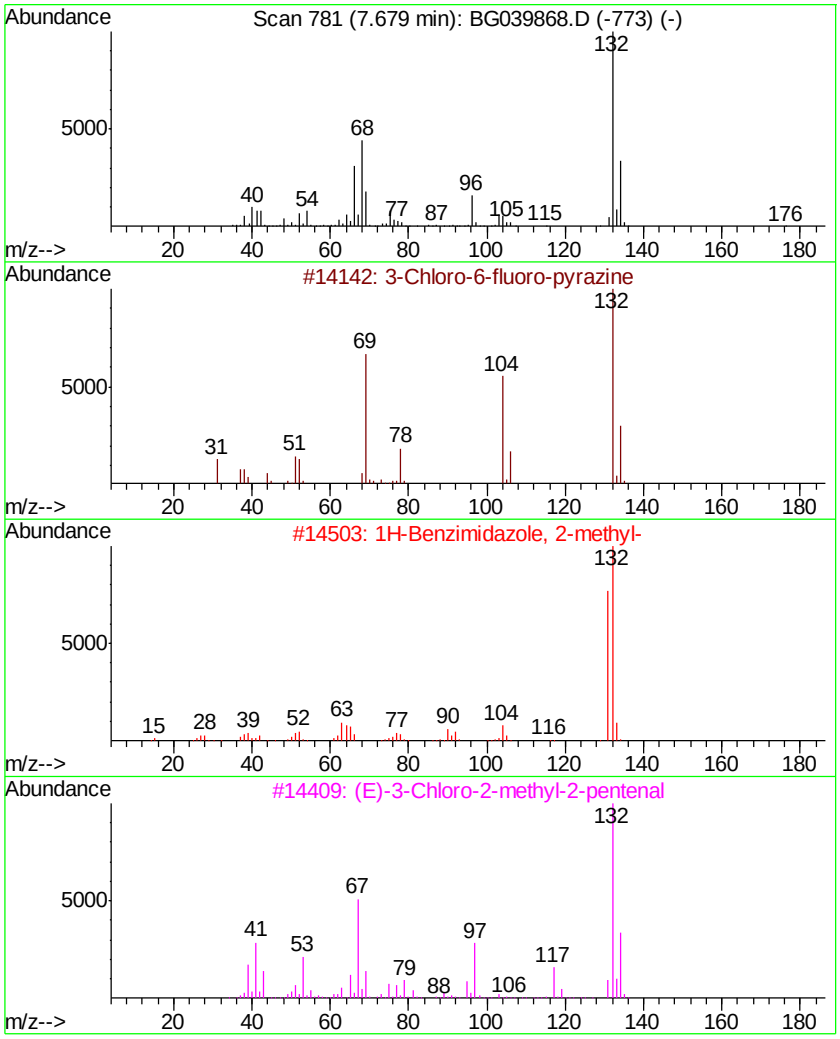
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

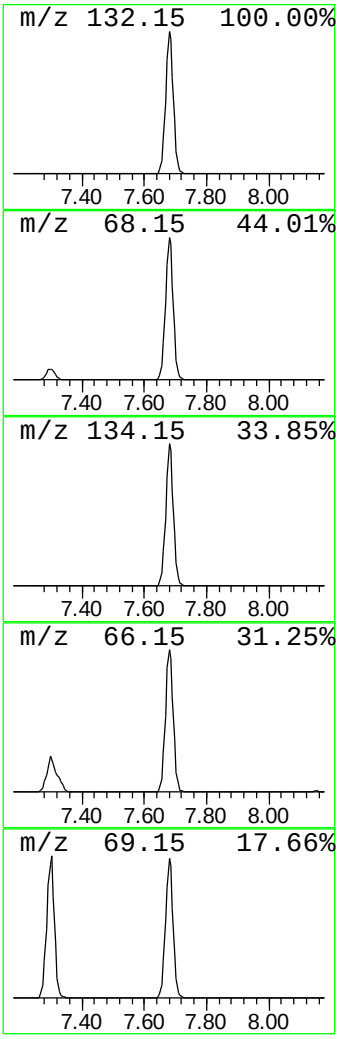
****

Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	116.37 ng	1382030	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-05-COMP

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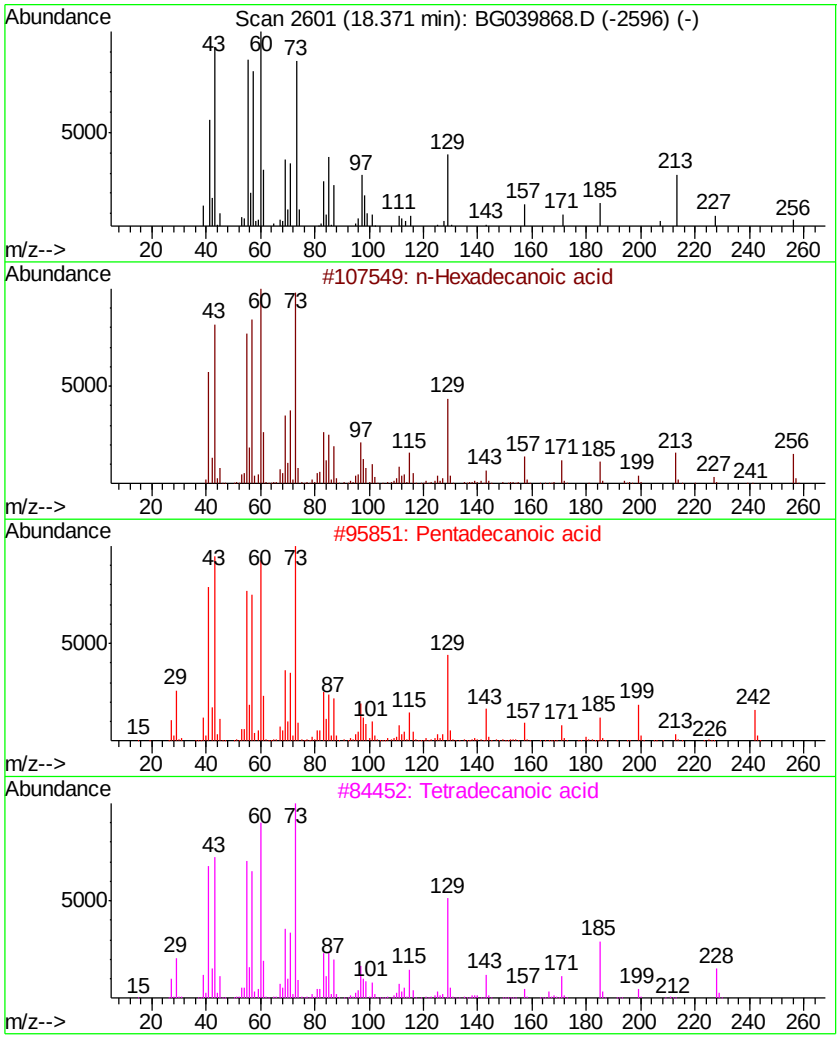
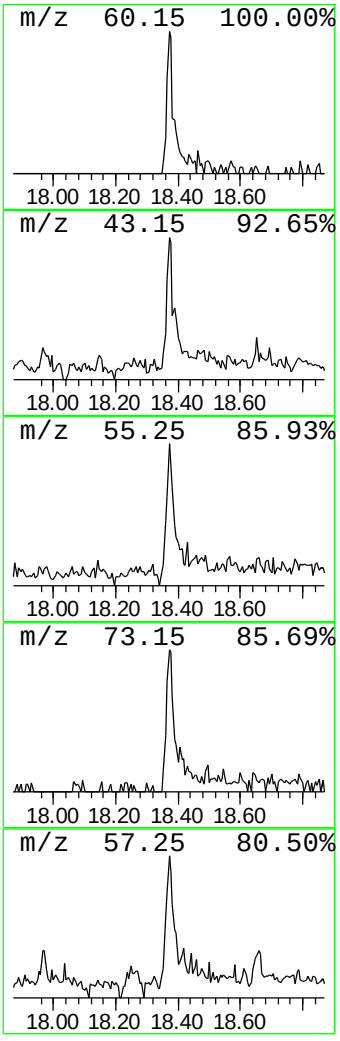
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.21 ng	75863	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Instrument : BNA_G
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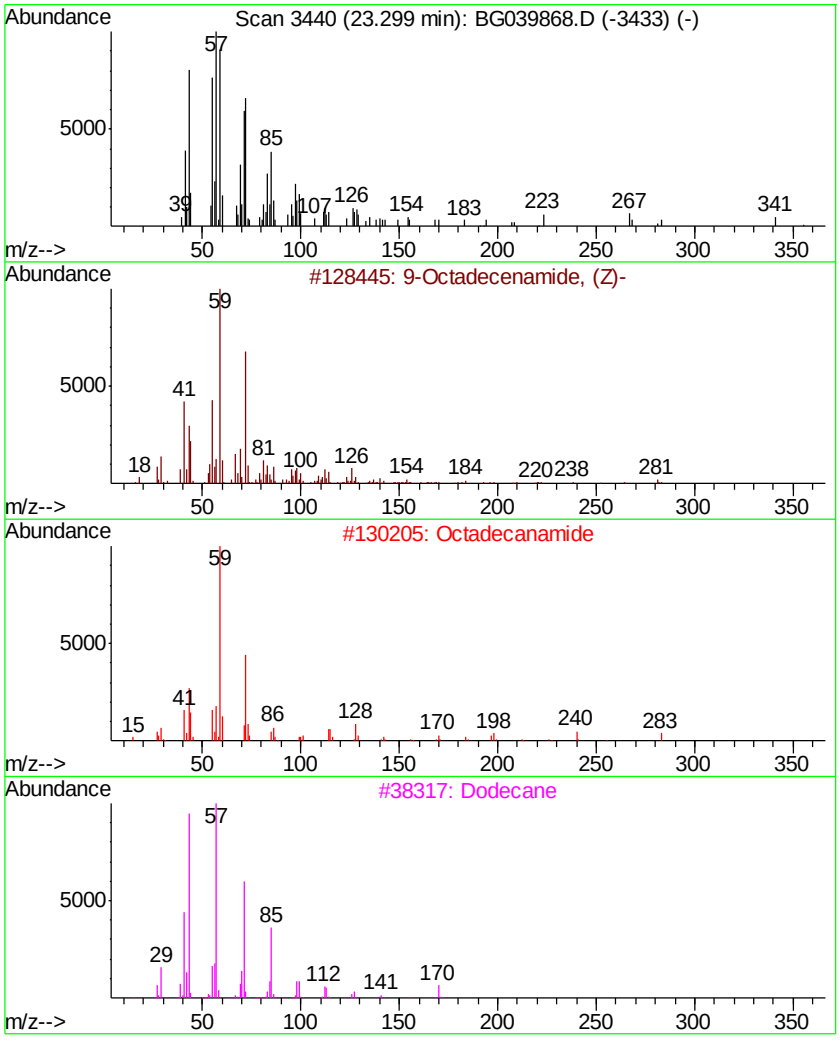
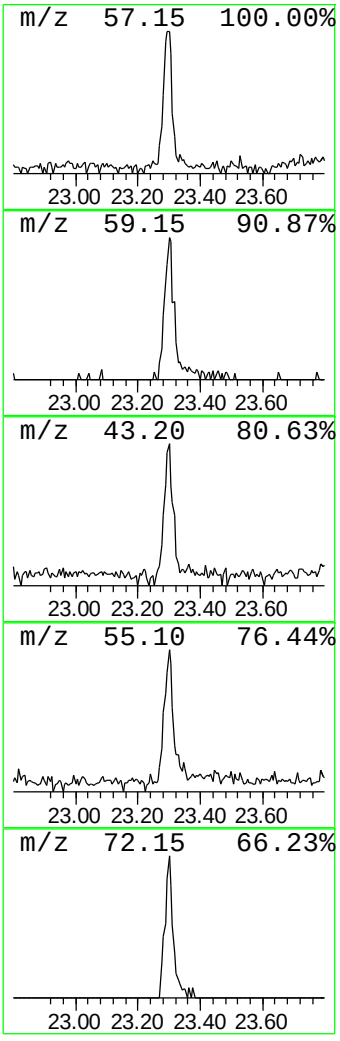
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.10 ng	85153	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
2	Octadecanamide	283	C18H37NO	000124-26-5	45
3	Dodecane	170	C12H26	000112-40-3	38
4	1-Chloroeicosane	316	C20H41Cl	042217-02-7	30
5	Butanal, 2-ethyl-3-methyl-	114	C7H14O	026254-92-2	30





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-05-COMP

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	6.3	ng	74673	1	8.15	237517	20.0
unknown7.68	7.68	116.4	ng	1382030	1	8.15	237517	20.0
n-Hexadecanoic acid	18.37	2.2	ng	75863	4	17.52	687136	20.0
9-Octadecenamide,...	23.30	2.1	ng	85153	5	21.81	811446	20.0