LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039983.D
Acq On : 18 Mar 2019 23:52
Operator : JU/SJ
Sample : K1932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-7

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	3.194	13	18	27	rBV	227655	477743	14.43%	2.536%
2	3.270	27	31	48	rVB	568927	861760	26.03%	4.575%
3	5.690	437	443	456	rVB	512301	808794	24.43%	4.293%
4	7.294	708	716	727	rVB	339217	589717	17.81%	3.130%
5	7.676	772	781	789	rBV	863445	1497154	45.23%	7.948%
6	8.146	854	861	872	rBV	189693	330780	9.99%	1.756%
7	8.469	909	916	924	rVB	779674	1339383	40.46%	7.110%
8	9.326	1052	1062	1070	rBV	673898	1223360	36.96%	6.494%
9	10.965	1333	1341	1349	rBV	253198	455708	13.77%	2.419%
10	13.397	1747	1755	1761	rBV	1660946	2665517	80.52%	14.150%
11	14.214	1889	1894	1899	rBV2	32314	48489	1.46%	0.257%
12	14.772	1979	1989	1996	rBV2	368075	591319	17.86%	3.139%
13	16.258	2235	2242	2250	rBV	1204658	1824494	55.12%	9.685%
14	17.515	2450	2456	2463	rBV2	421400	661778	19.99%	3.513%
15	18.179	2565	2569	2573	rVB4	24624	34411	1.04%	0.183%
16	18.367	2596	2601	2609	rBV2	69751	121616	3.67%	0.646%
17	18.508	2620	2625	2629	rBV8	22494	39700	1.20%	0.211%
18	19.231	2743	2748	2752	rBV6	25485	42726	1.29%	0.227%
19	20.112	2892	2898	2903	rBV	2546263	3310251	100.00%	17.572%
20	21.404	3114	3118	3124	rVB4	40196	77195	2.33%	0.410%
21	21.804	3180	3186	3193	rVB	446604	744266	22.48%	3.951%
22	22.567	3313	3316	3322	rVB5	28568	47216	1.43%	0.251%
23	23.284	3433	3438	3444	rVB3	34404	69998	2.11%	0.372%
24	24.112	3576	3579	3589	rVB	40543	76965	2.33%	0.409%
25	25.093	3742	3746	3750	rBV3	22592	52004	1.57%	0.276%
26	25.170	3751	3759	3772	rVB2	259124	781081	23.60%	4.146%
27	26.274	3943	3947	3957	rVB6	27156	64445	1.95%	0.342%

Sum of corrected areas: 18837870

LSC Report - Integrated Chromatogram

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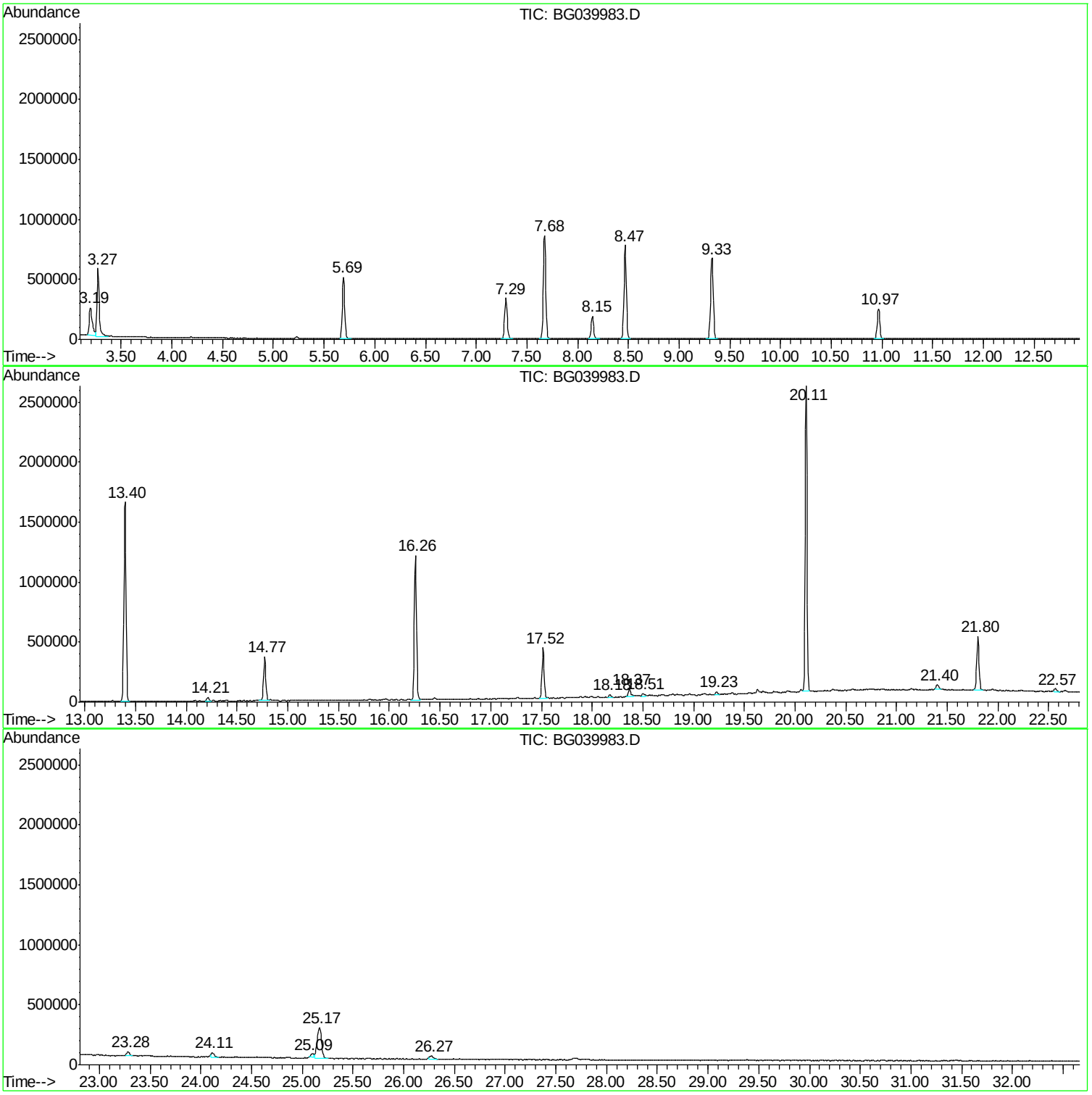
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : K1932-02
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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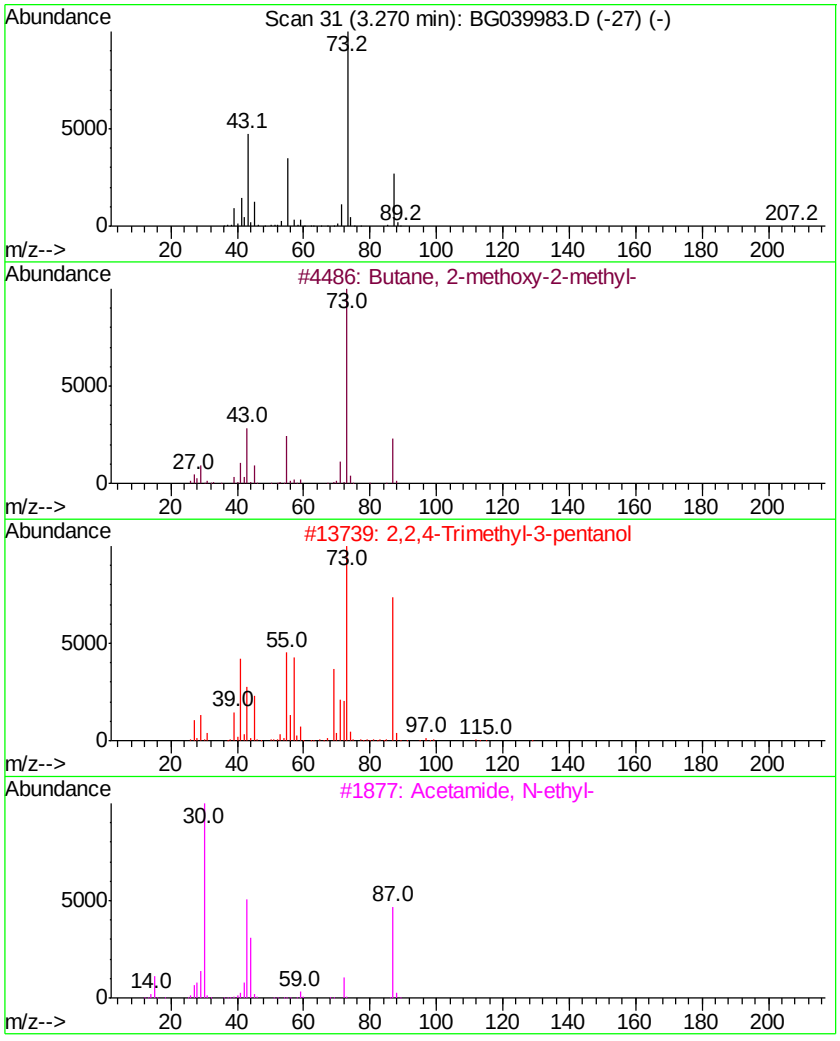
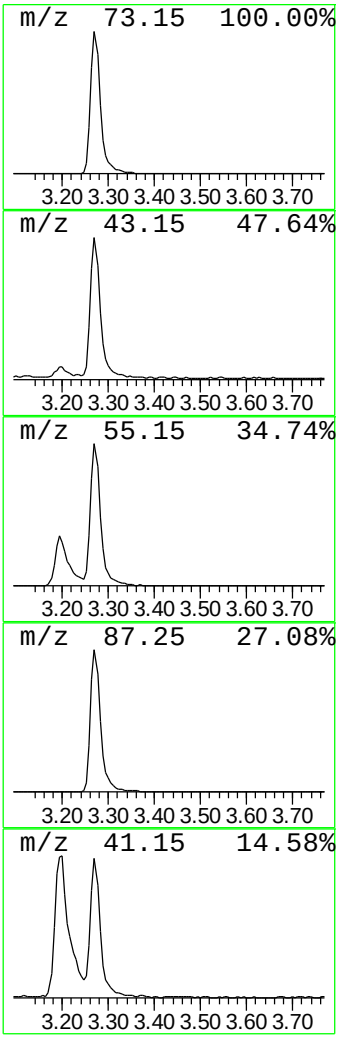
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	52.10 ng	861760	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : TW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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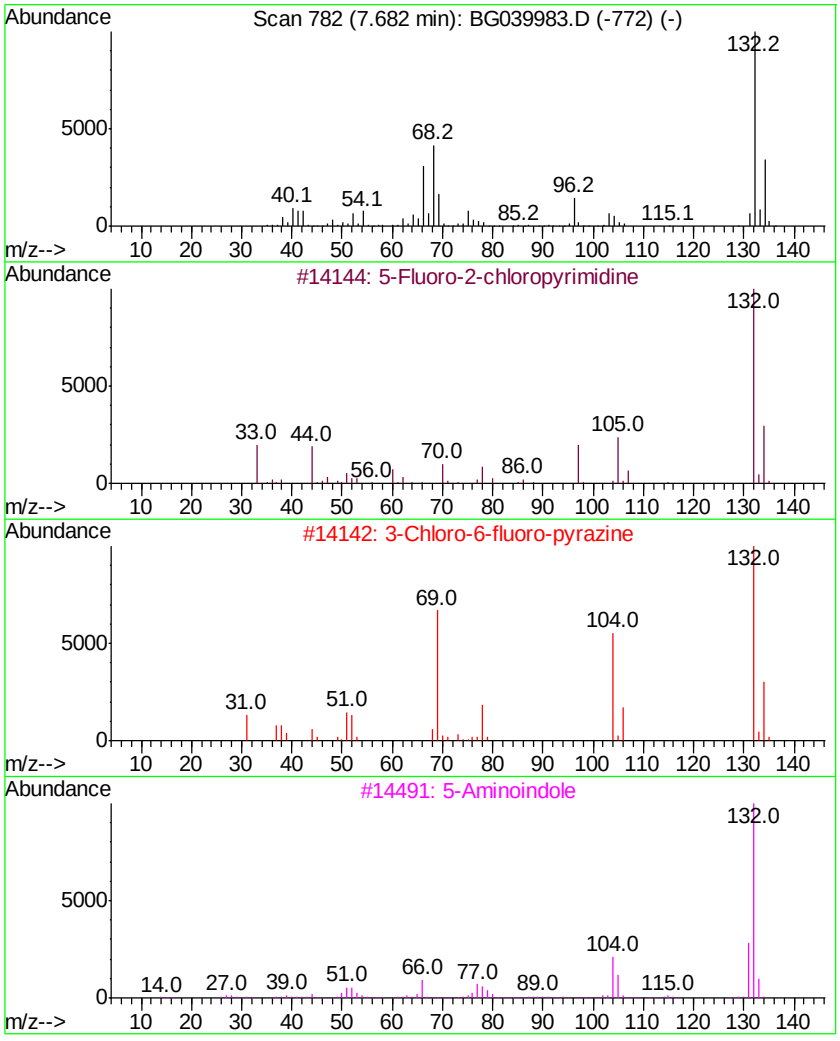
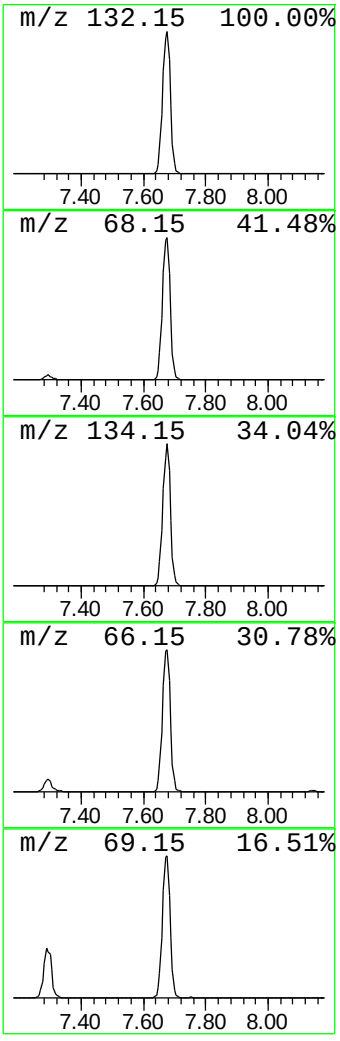
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	90.52 ng	1497150	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Instrument : BNA_G
ClientSampleId : TW-7

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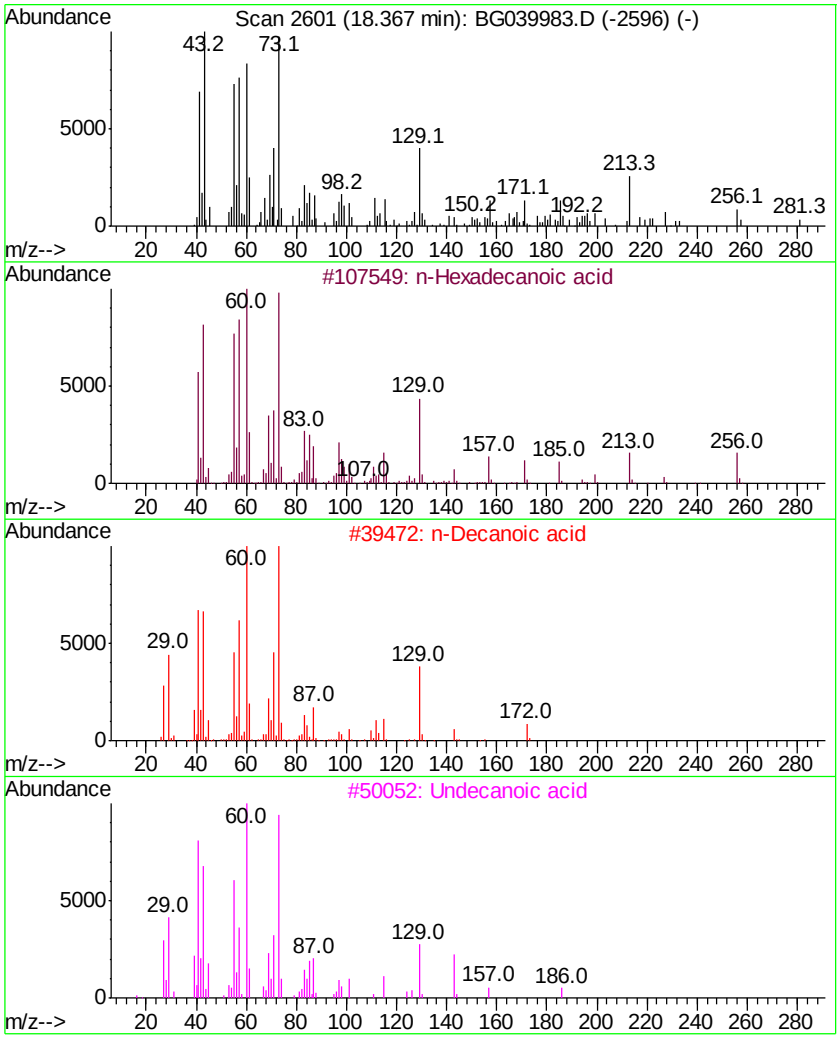
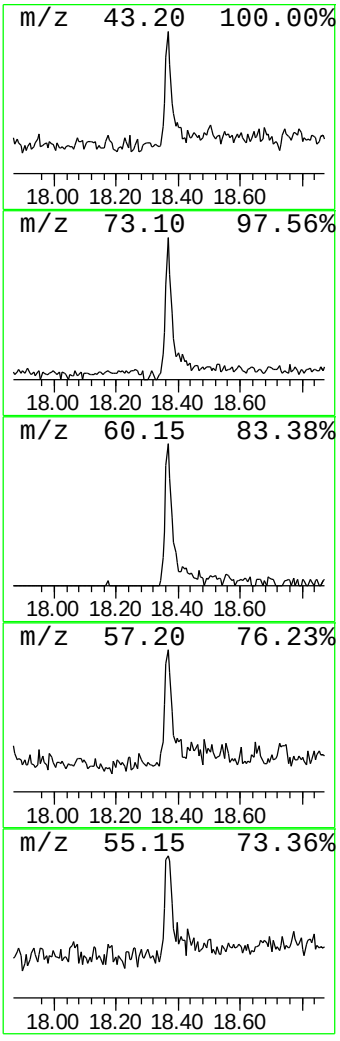
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.68 ng	121616	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	81
3	Undecanoic acid	186	C11H22O2	000112-37-8	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

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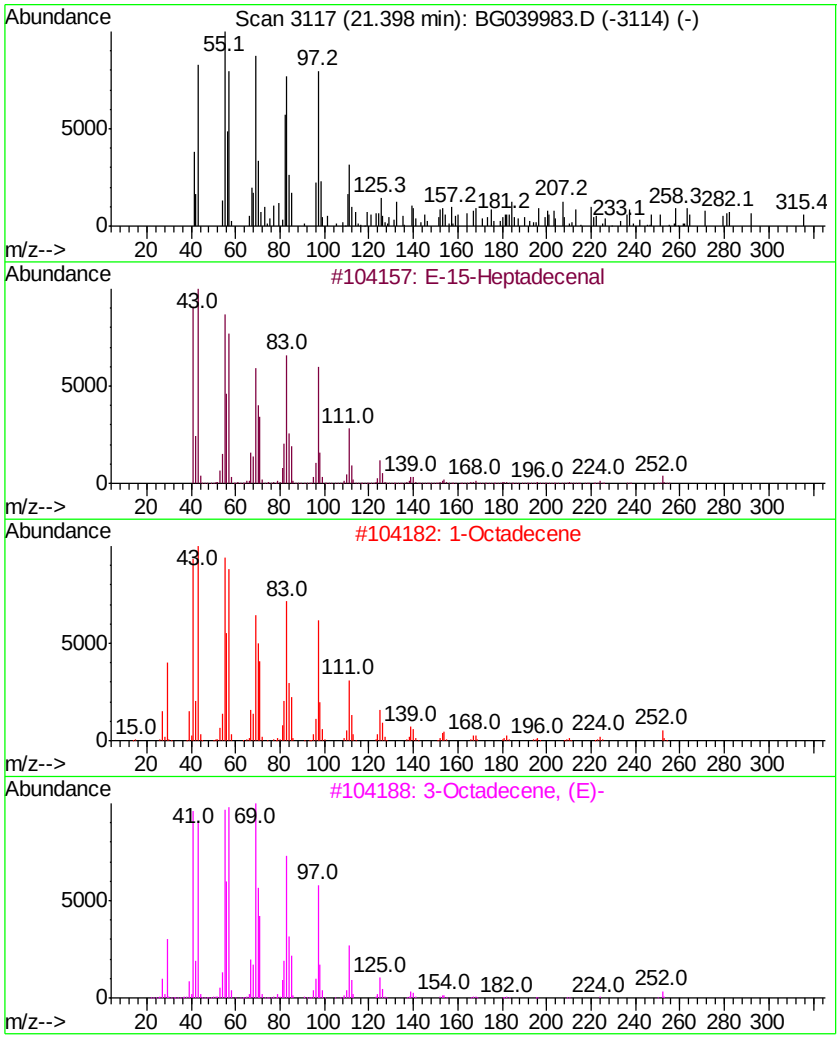
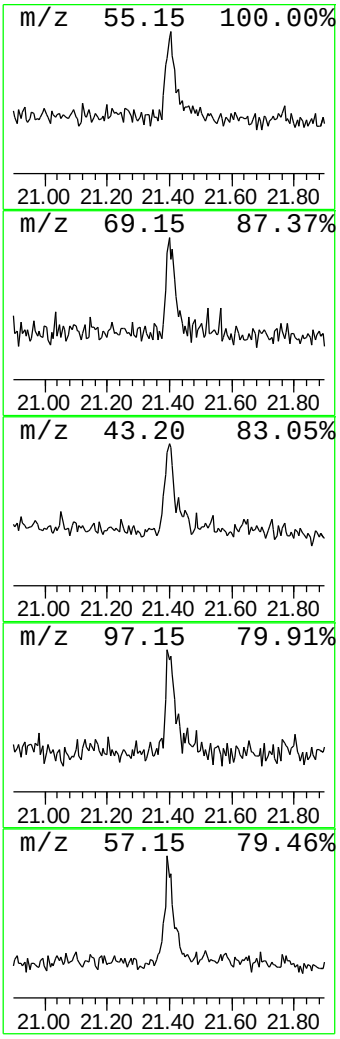
Peak Number 6 E-15-Heptadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.07 ng	77195	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
2	1-Octadecene	252	C18H36	000112-88-9	64
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	62
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	58
5	1-Nonadecene	266	C19H38	018435-45-5	53





Tentatively Identified Compound (LSC) summary

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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...	3.27	52.1	ng	861760	1	8.15	330780	20.0
unknown7.68	7.68	90.5	ng	1497150	1	8.15	330780	20.0
n-Hexadecanoic acid	18.37	3.7	ng	121616	4	17.52	661778	20.0
E-15-Heptadecenal	21.40	2.1	ng	77195	5	21.80	744266	20.0