LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039391.D
Acq On : 7 Feb 2019 20:57
Operator : JU/SJ
Sample : K1392-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG012919.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	3.224	18	23	32	rBV	229529	431511	9.15%	1.955%
2	3.301	32	36	51	rVB	189517	281225	5.97%	1.274%
3	5.257	363	369	376	rVB	33029	53390	1.13%	0.242%
4	5.715	440	447	455	rBV	534124	840296	17.83%	3.807%
5	7.313	711	719	728	rBV	330079	608323	12.91%	2.756%
6	7.700	777	785	794	rBV	971156	1661932	35.26%	7.529%
7	8.176	859	866	877	rVB	197185	343976	7.30%	1.558%
8	8.499	913	921	931	rVB	863136	1487655	31.56%	6.739%
9	9.351	1058	1066	1075	rBV	742210	1361221	28.88%	6.167%
10	11.002	1339	1347	1355	rBV	274740	494828	10.50%	2.242%
11	13.428	1752	1760	1767	rBV	1993339	3184946	67.57%	14.429%
12	14.803	1986	1994	2003	rBV2	429938	718859	15.25%	3.257%
13	16.283	2239	2246	2256	rBV	1623772	2418789	51.31%	10.958%
14	17.546	2453	2461	2468	rBV	588377	902499	19.15%	4.089%
15	18.398	2601	2606	2615	rBV	71556	109427	2.32%	0.496%
16	19.661	2815	2821	2824	rBV4	42757	62507	1.33%	0.283%
17	20.137	2896	2902	2908	rBV	3511200	4713624	100.00%	21.354%
18	21.429	3118	3122	3134	rBV2	60322	101385	2.15%	0.459%
19	21.834	3183	3191	3200	rVB	631959	1077110	22.85%	4.880%
20	23.362	3445	3451	3456	rBV2	26797	50089	1.06%	0.227%
21	24.202	3587	3594	3603	rBV3	29672	69670	1.48%	0.316%
22	25.218	3756	3767	3780	rVB2	372296	1100429	23.35%	4.985%

Sum of corrected areas: 22073691

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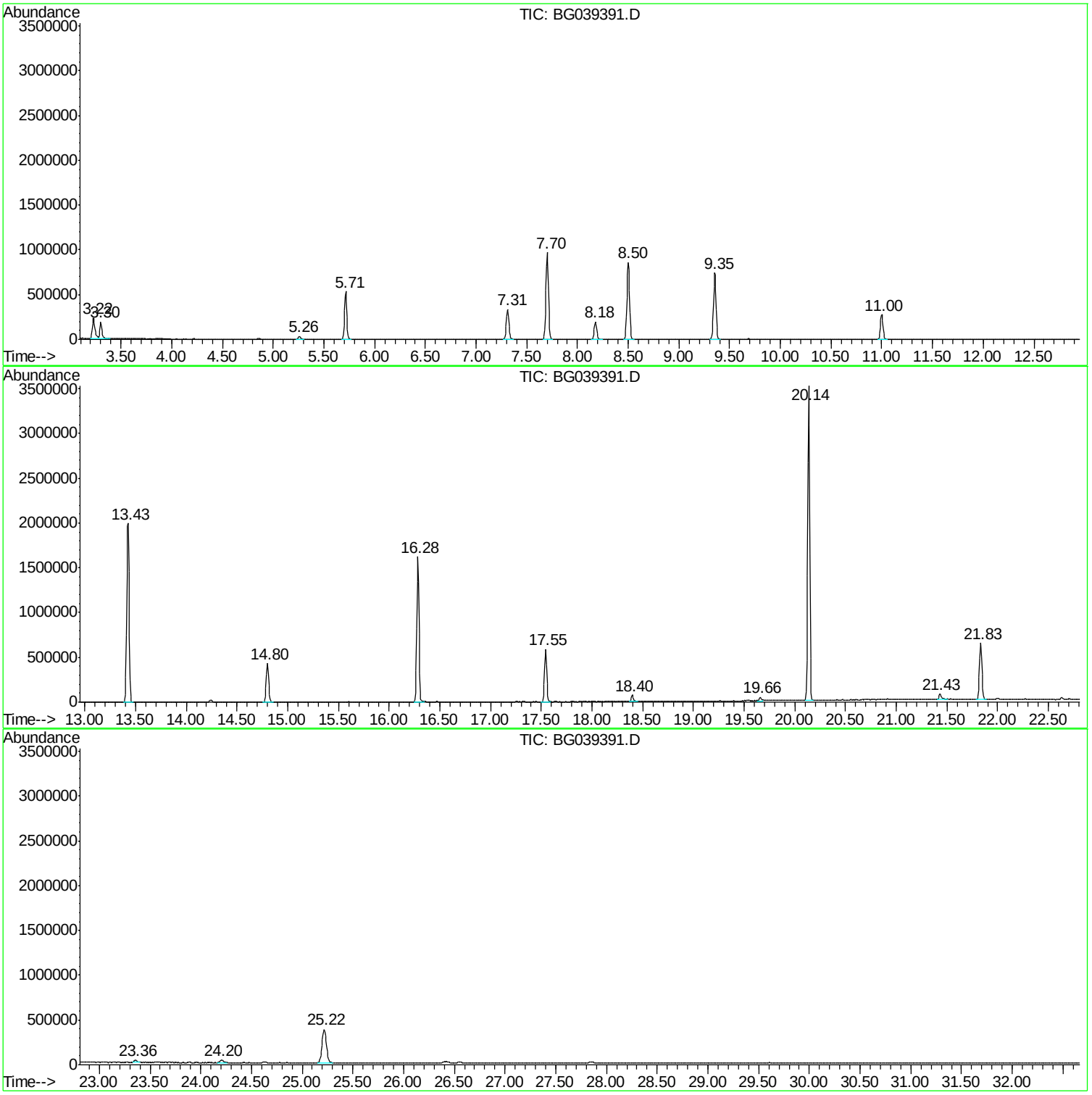
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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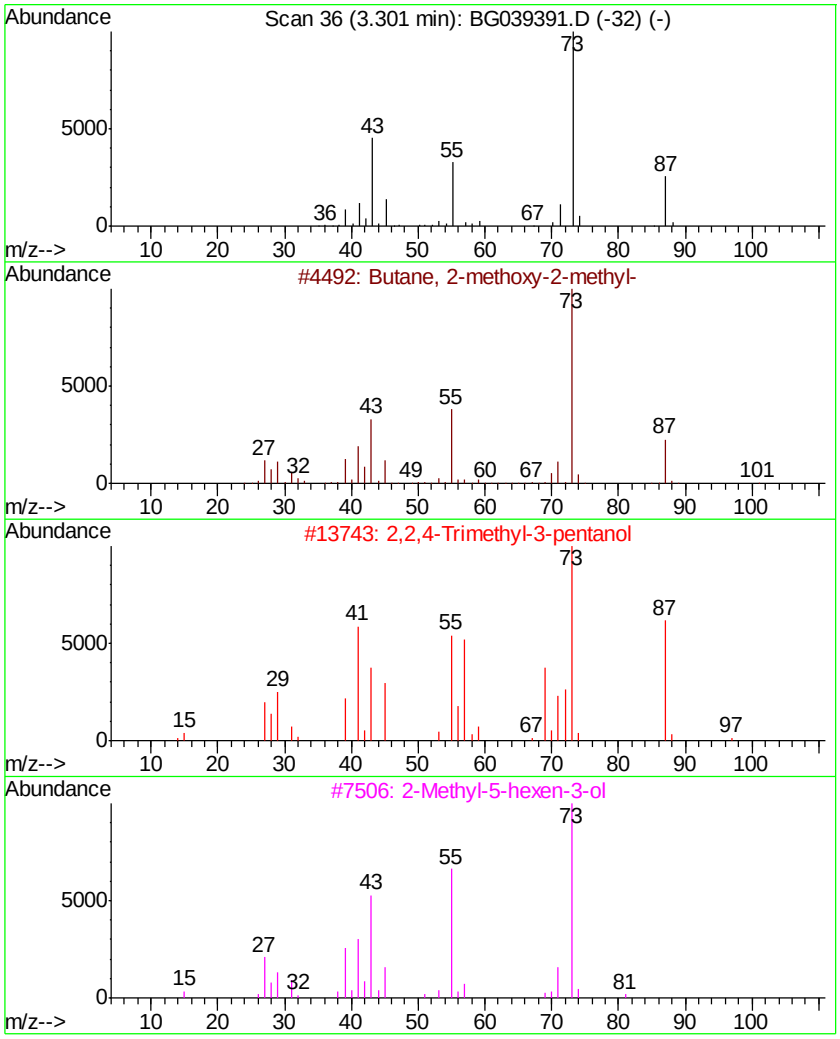
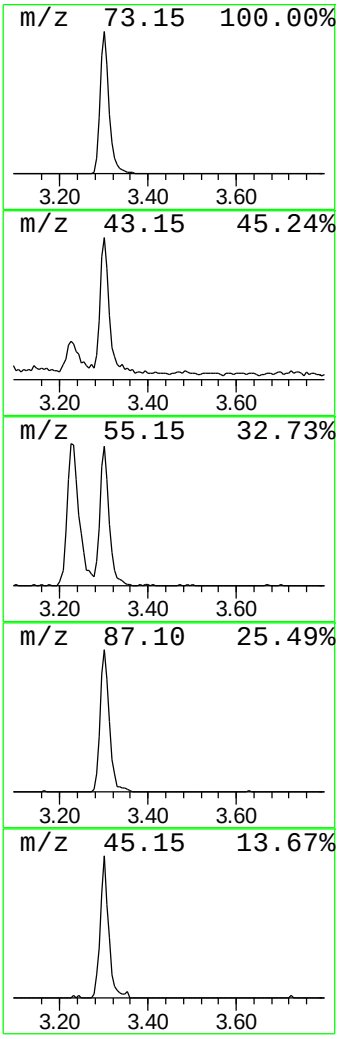
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	16.35 ng	281225	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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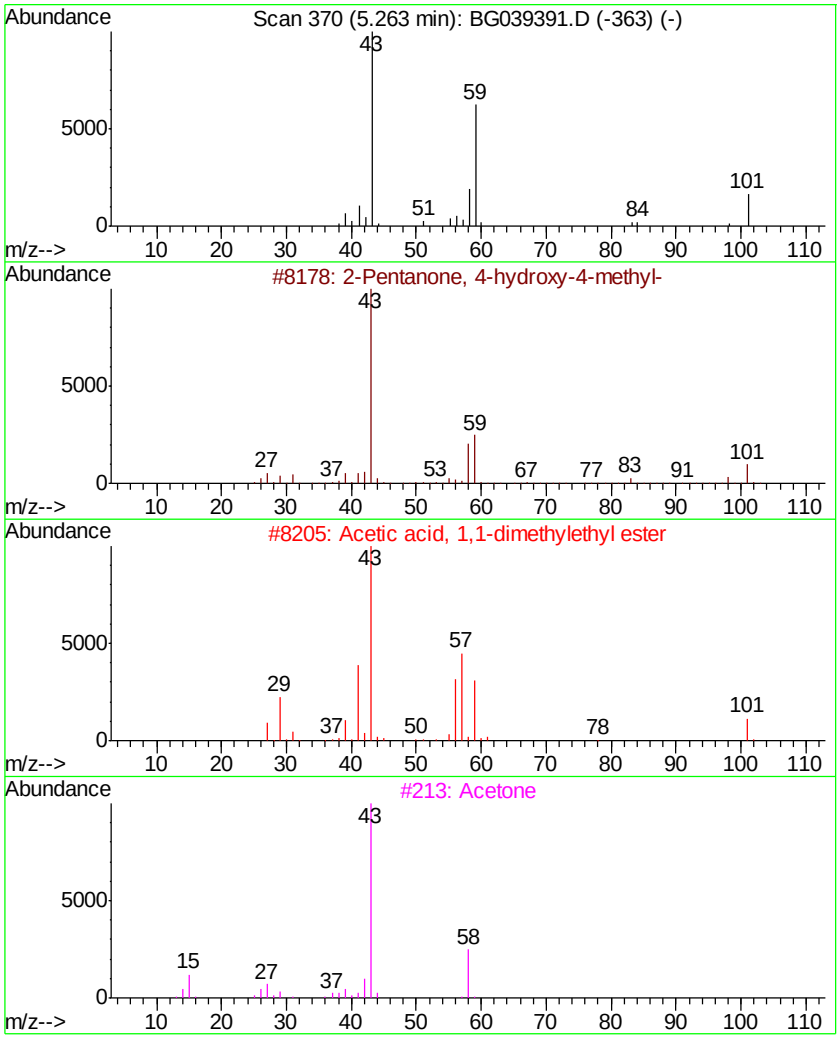
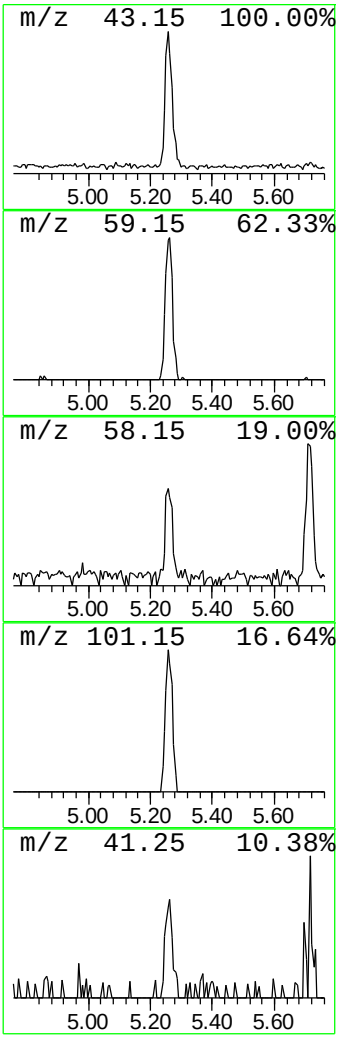
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	3.10 ng	53390	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





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Instrument : BNA_G
ClientSampleId : MW-7

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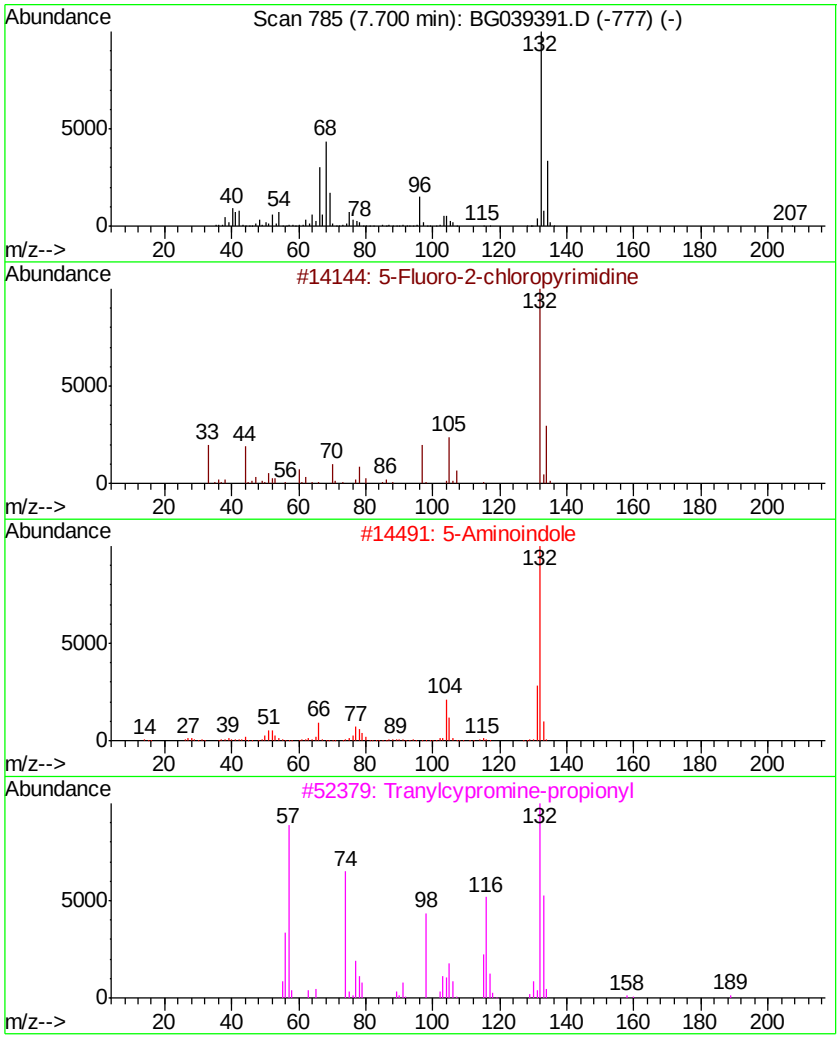
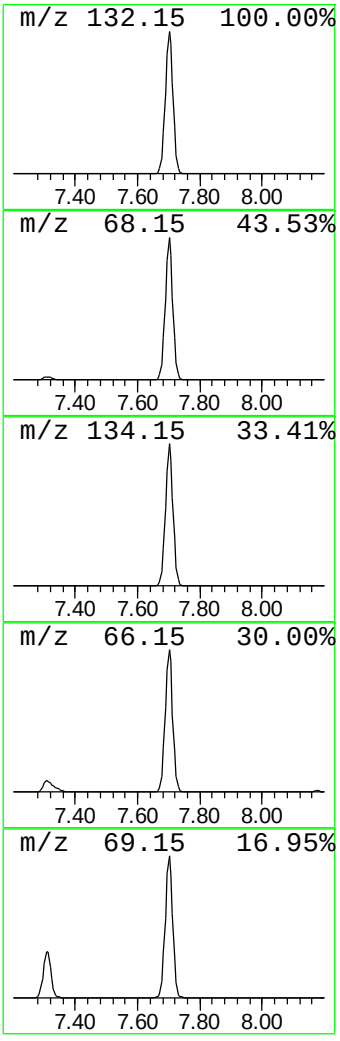
Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	96.63 ng	1661930	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
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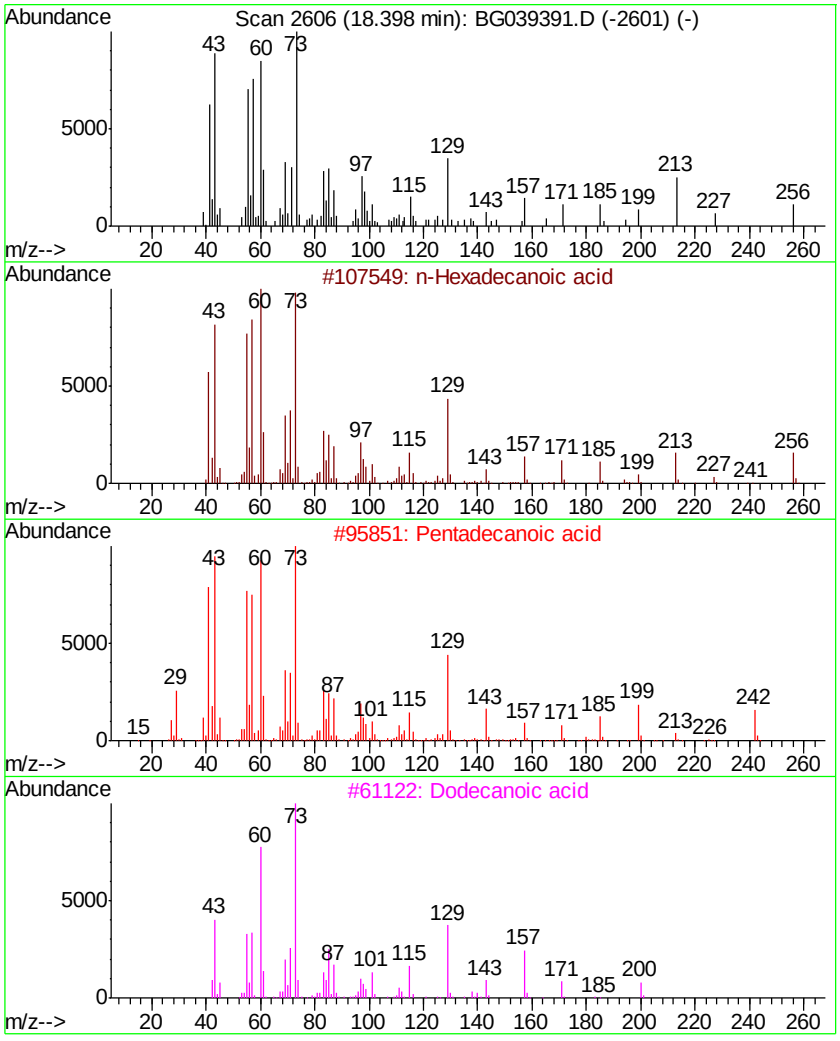
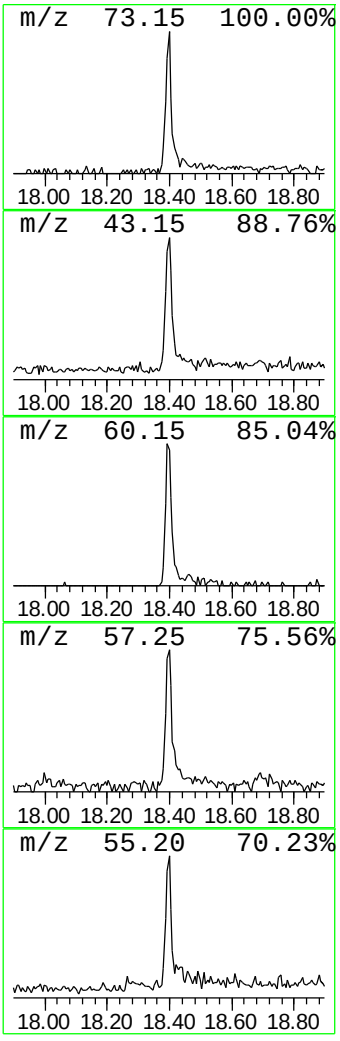
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.42 ng	109427	Phenanthrene-d10	17.55

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	62
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Tentatively Identified Compound (LSC) summary

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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...	3.30	16.4	ng	281225	1	8.18	343976	20.0
2-Pentanone, 4-hy...	5.26	3.1	ng	53390	1	8.18	343976	20.0
unknown7.70	7.70	96.6	ng	1661930	1	8.18	343976	20.0
n-Hexadecanoic acid	18.40	2.4	ng	109427	4	17.55	902499	20.0