LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039772.D
Acq On : 5 Mar 2019 20:05
Operator : JU/SJ
Sample : K1727-05
Misc :
ALS Vial : 10 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-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	3.208	15	20	28	rBV	151988	277278	8.02%	1.712%
2	3.279	28	32	41	rVB	112952	166864	4.83%	1.031%
3	5.699	437	444	455	rVB	342290	550039	15.92%	3.397%
4	7.297	708	716	726	rBV	239194	423835	12.26%	2.618%
5	7.685	773	782	789	rBV	640664	1119435	32.39%	6.913%
6	8.155	855	862	871	rVB	146481	258270	7.47%	1.595%
7	8.478	910	917	927	rVB	510536	895760	25.92%	5.532%
8	9.335	1054	1063	1075	rBV	499499	917446	26.55%	5.666%
9	10.974	1335	1342	1350	rBV	220666	398947	11.54%	2.464%
10	13.406	1748	1756	1765	rBB	1380550	2179507	63.07%	13.460%
11	14.781	1983	1990	1998	rBV3	382634	613803	17.76%	3.791%
12	16.267	2236	2243	2253	rBV	1229075	1863391	53.92%	11.508%
13	17.524	2451	2457	2464	rBV2	524133	802472	23.22%	4.956%
14	18.376	2597	2602	2612	rBV2	71591	111514	3.23%	0.689%
15	19.539	2794	2800	2804	rBV	68910	90996	2.63%	0.562%
16	20.121	2892	2899	2905	rBV	2562963	3455796	100.00%	21.342%
17	20.732	2998	3003	3006	rBV2	26262	36759	1.06%	0.227%
18	21.813	3181	3187	3196	rVB2	521565	892239	25.82%	5.510%
19	22.588	3315	3319	3325	rVB4	26831	44541	1.29%	0.275%
20	23.305	3436	3441	3446	rVB	30460	43304	1.25%	0.267%
21	24.139	3575	3583	3591	rBV2	33343	79067	2.29%	0.488%
22	25.185	3745	3761	3772	rBV	298897	916449	26.52%	5.660%
23	26.312	3947	3953	3963	rVB6	19289	54384	1.57%	0.336%

Sum of corrected areas: 16192096

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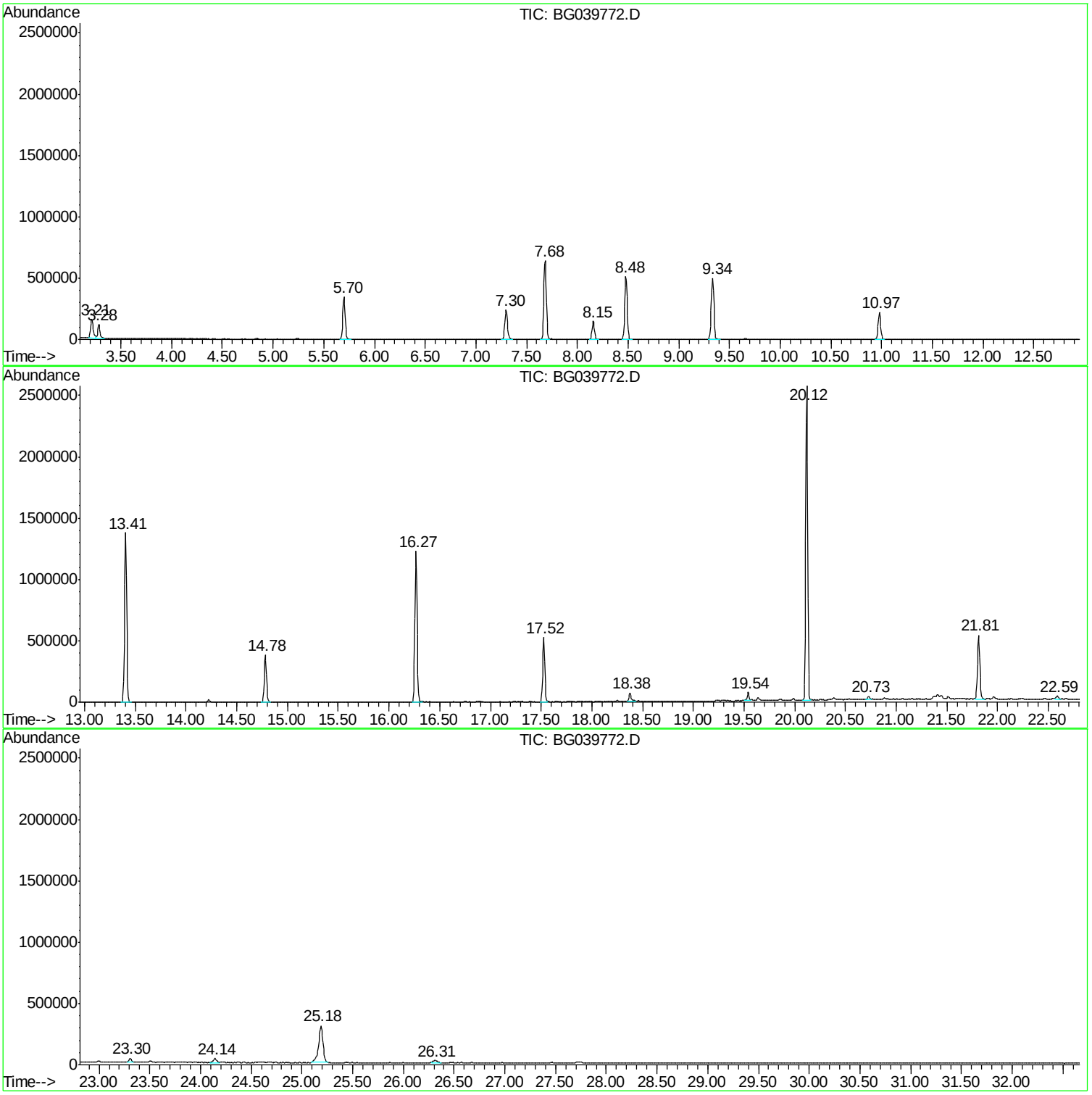
Instrument :
BNA_G
ClientSampleId :
MW-7

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



Library Search Compound Report

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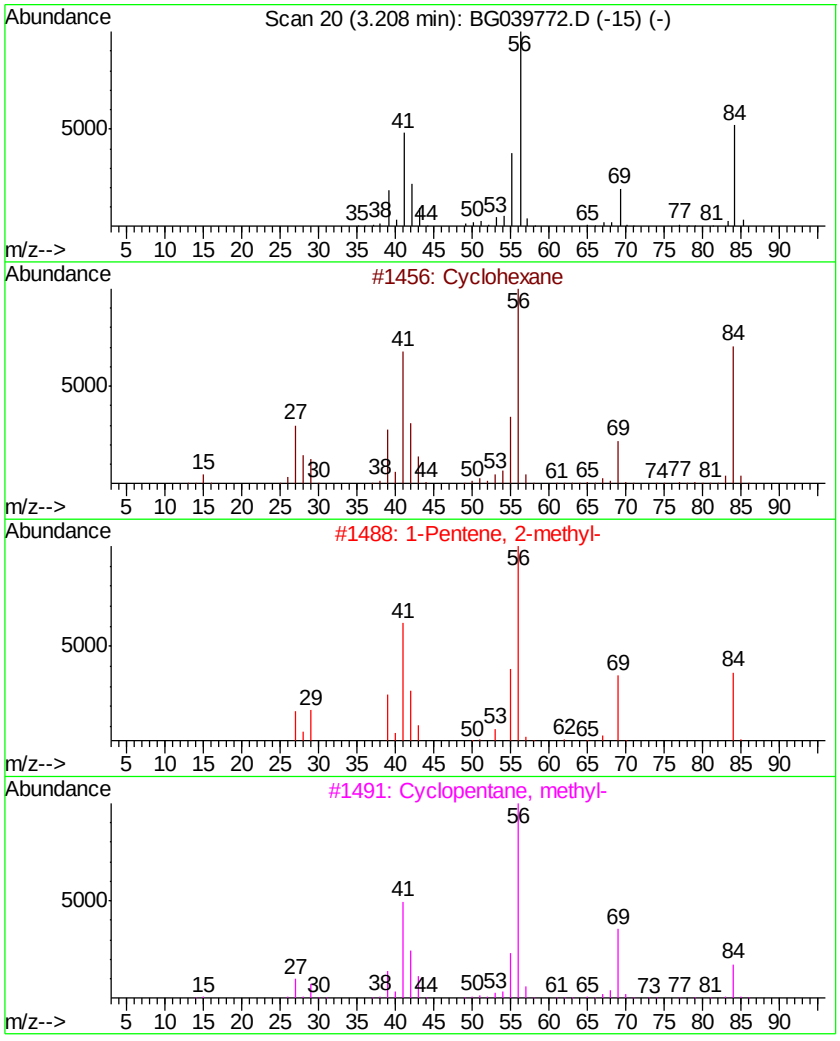
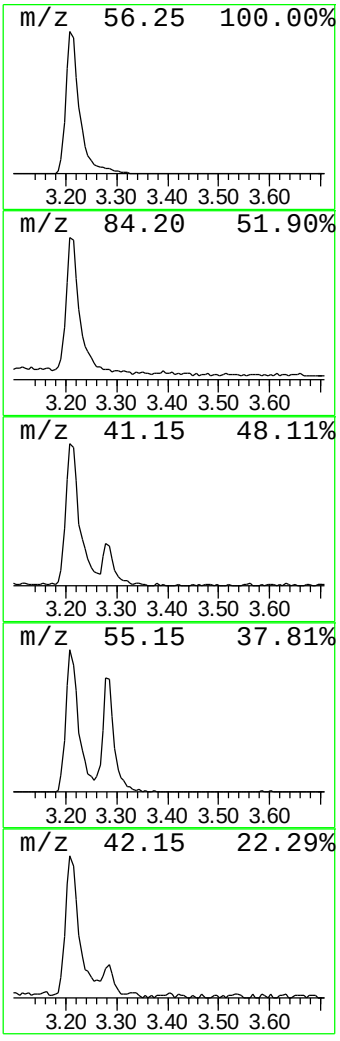
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	21.47 ng	277278	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	2,2-Dimethylglutaric anhydride	142	C7H10O3	002938-48-9	40
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	40





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Instrument : BNA_G
ClientSampleId : MW-7

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

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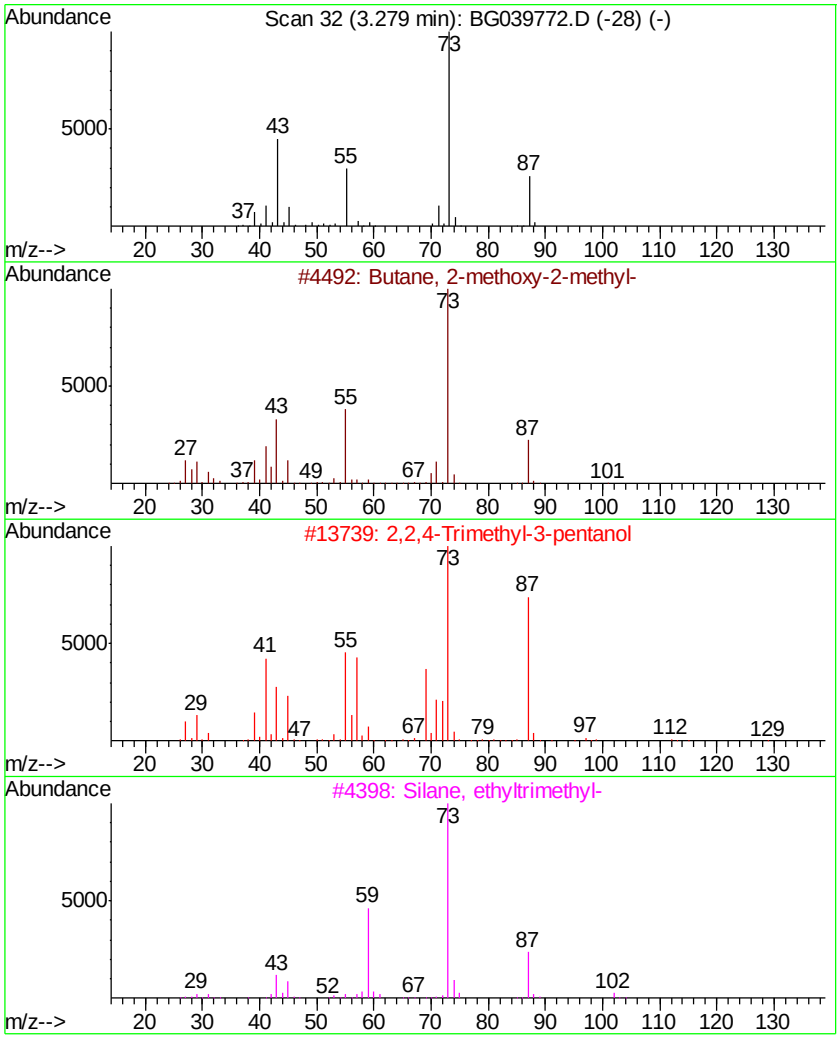
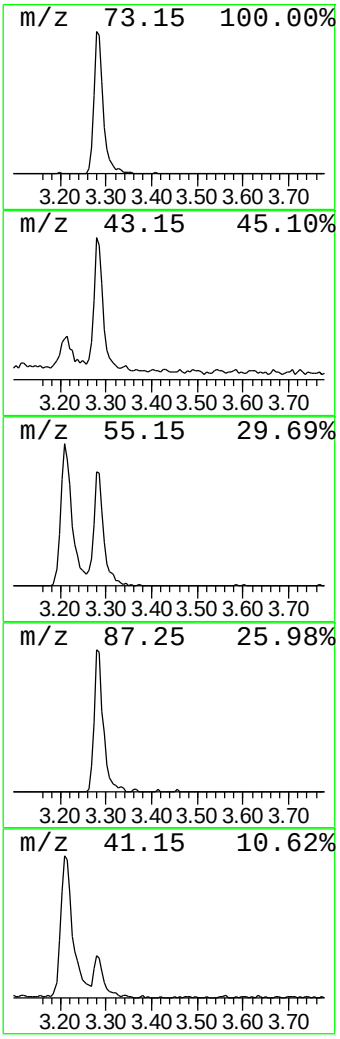
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	12.92 ng	166864	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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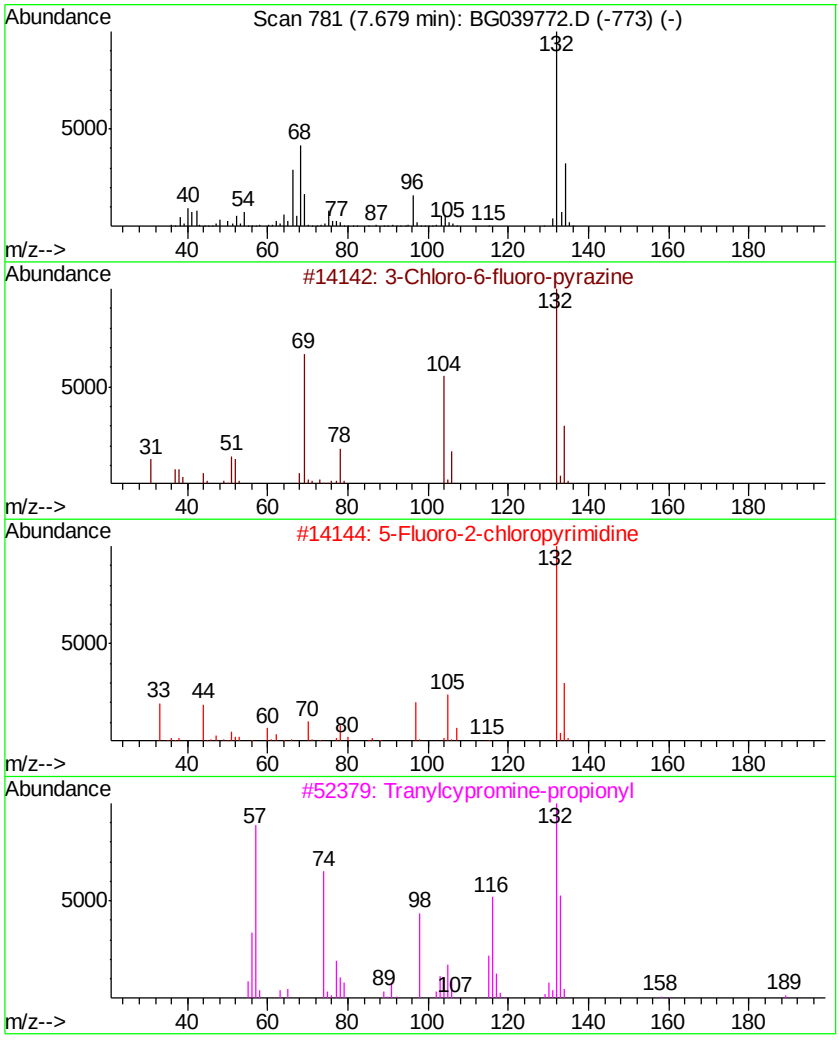
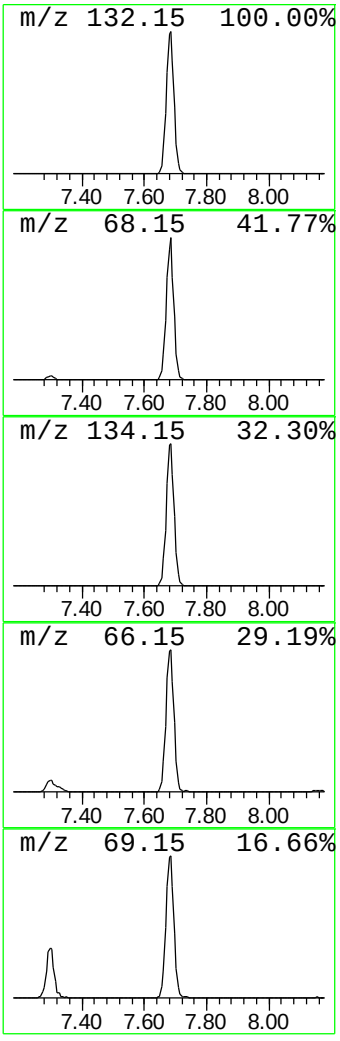
****

Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	86.69 ng	1119440	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	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-7

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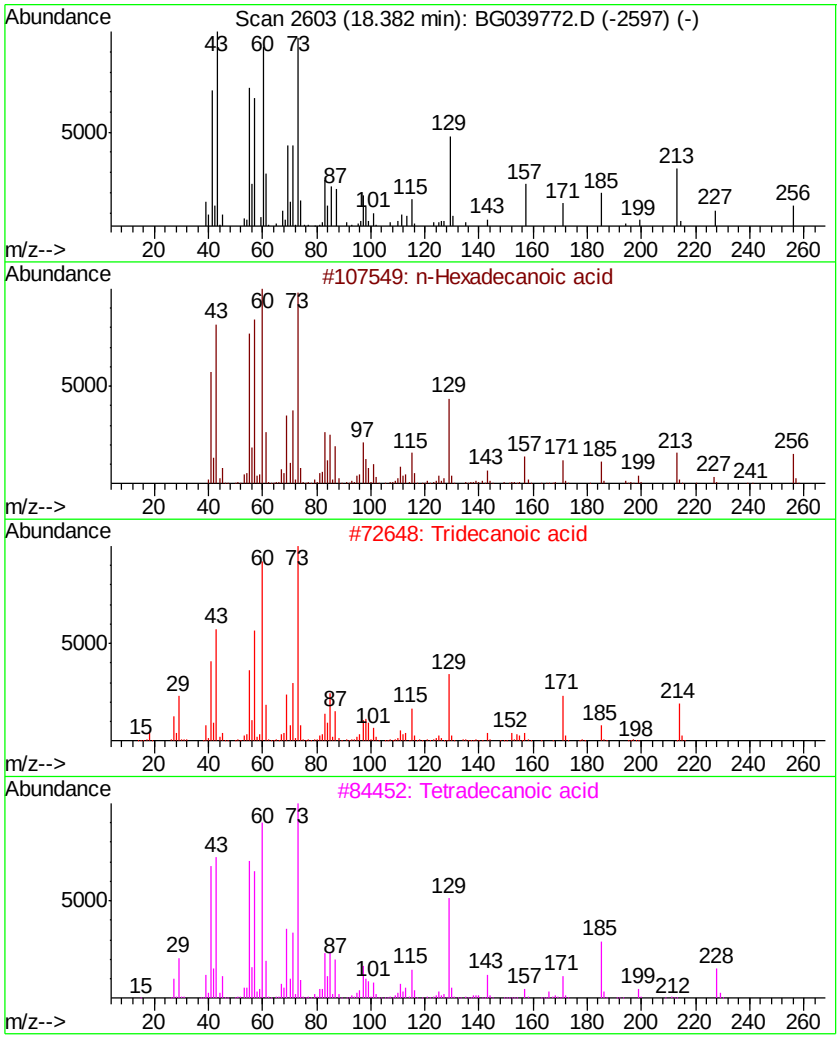
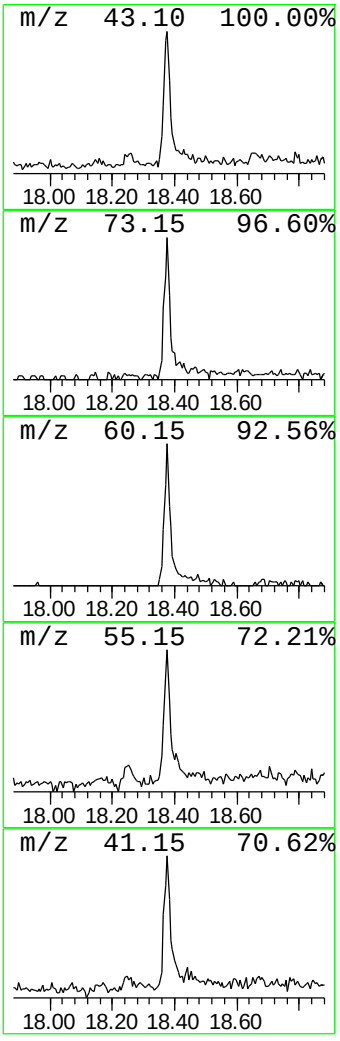
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.78 ng	111514	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Instrument : BNA_G
ClientSampleId : MW-7

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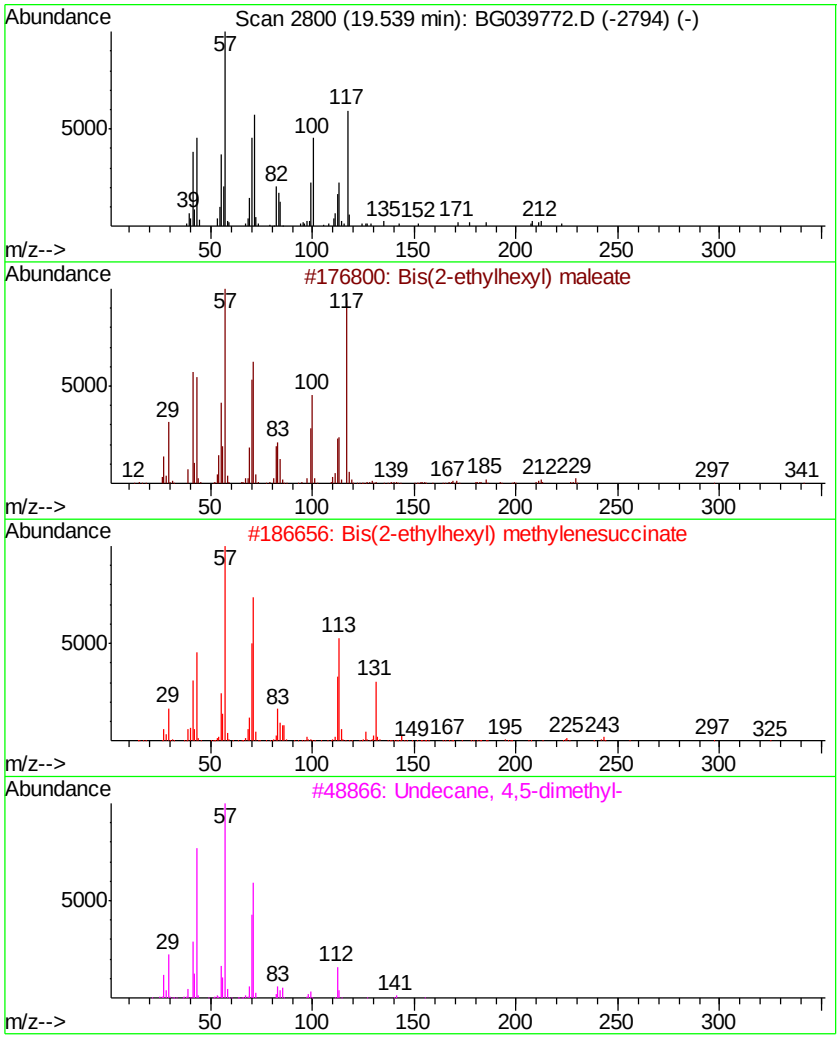
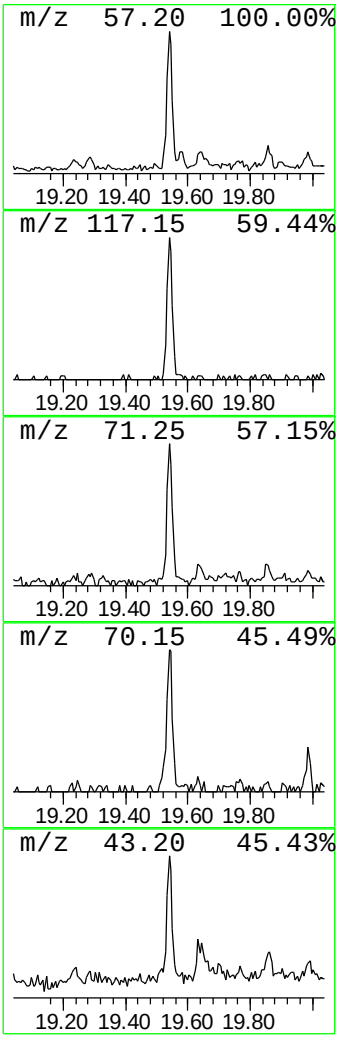
****

Peak Number 6 Bis(2-ethylhexyl) maleate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.27 ng	90996	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	74
2	Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	38
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	27
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	27





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
1-Pentene, 2-methyl-	3.21	21.5	ng	277278	1	8.15	258270	20.0
Butane, 2-methoxy...	3.28	12.9	ng	166864	1	8.15	258270	20.0
unknown7.68	7.68	86.7	ng	1119440	1	8.15	258270	20.0
n-Hexadecanoic acid	18.38	2.8	ng	111514	4	17.52	802472	20.0
Bis(2-ethylhexyl)...	19.54	2.3	ng	90996	4	17.52	802472	20.0