LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043012.D
Acq On : 3 Oct 2019 15:15
Operator : JU
Sample : K5168-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190764-SS-COMPOSITE-4

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-BG092519.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	3.175	8	15	24	rBV2	118087	283510	5.19%	0.907%
2	3.257	24	29	37	rVB	208785	352180	6.45%	1.127%
3	5.649	428	436	451	rBV	1279362	2115913	38.74%	6.770%
4	7.241	697	707	721	rBV	1392809	2528376	46.29%	8.090%
5	7.605	761	769	778	rBV	1357385	2350401	43.03%	7.520%
6	8.063	839	847	856	rBV	252150	458667	8.40%	1.468%
7	8.392	891	903	912	rBV	988982	1722705	31.54%	5.512%
8	9.227	1036	1045	1058	rBV	802086	1469238	26.90%	4.701%
9	10.872	1316	1325	1335	rBV	331805	617649	11.31%	1.976%
10	13.310	1733	1740	1752	rBV	2078807	3439778	62.97%	11.006%
11	14.133	1874	1880	1887	rBV	267899	419199	7.67%	1.341%
12	14.685	1967	1974	1983	rBV2	565555	925630	16.95%	2.962%
13	16.172	2220	2227	2244	rBV	2051490	3229481	59.12%	10.333%
14	17.429	2434	2441	2450	rBV2	746405	1162187	21.28%	3.718%
15	18.316	2583	2592	2600	rBV2	151967	238722	4.37%	0.764%
16	19.585	2804	2808	2815	rBV7	46508	71653	1.31%	0.229%
17	19.832	2844	2850	2856	rBV3	48159	89805	1.64%	0.287%
18	20.038	2879	2885	2890	rBV	4100871	5462351	100.00%	17.477%
19	20.725	2995	3002	3007	rVB2	42032	69298	1.27%	0.222%
20	21.354	3104	3109	3128	rBV4	138284	515191	9.43%	1.648%
21	21.589	3145	3149	3156	rVB2	119316	194351	3.56%	0.622%
22	21.694	3159	3167	3173	rBV	827875	1483310	27.16%	4.746%
23	22.799	3351	3355	3366	rVB2	50063	95774	1.75%	0.306%
24	23.892	3536	3541	3546	rBV	59568	121245	2.22%	0.388%
25	23.956	3548	3552	3557	rBV2	44705	82465	1.51%	0.264%
26	24.761	3682	3689	3700	rVB	60332	145592	2.67%	0.466%
27	24.920	3706	3716	3735	rVB	524821	1610044	29.48%	5.151%

Sum of corrected areas: 31254715

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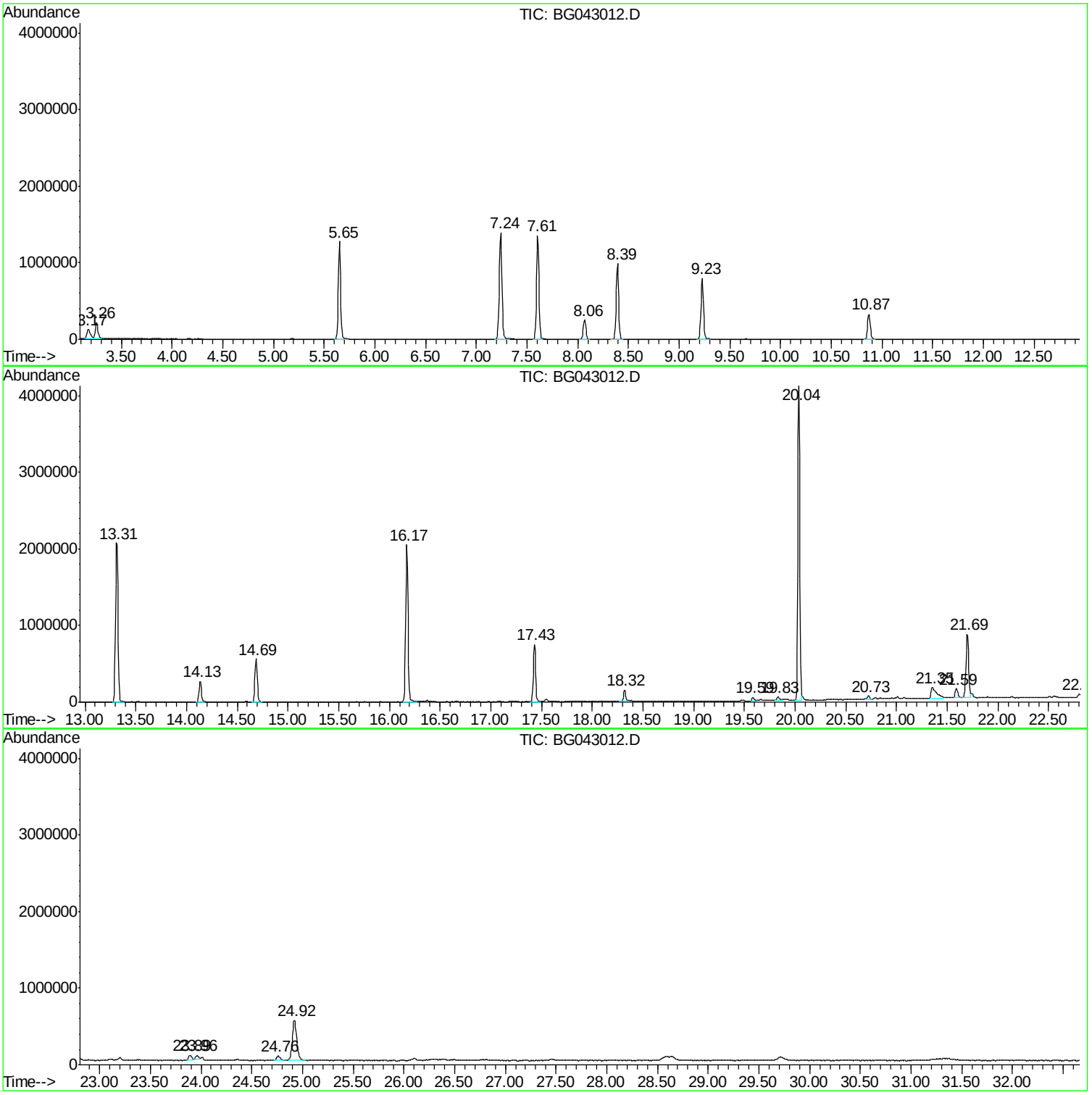
Instrument :
BNA_G
ClientSampleId :
20190764-SS-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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Operator : JU
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190764-SS-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

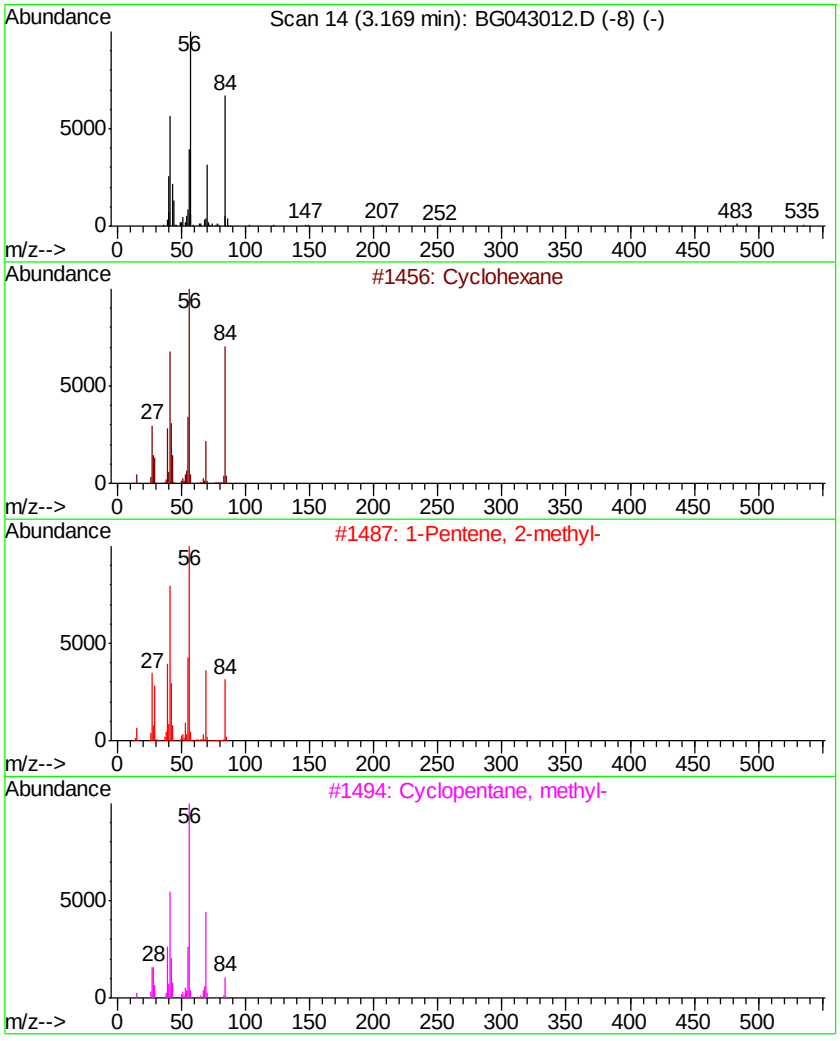
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

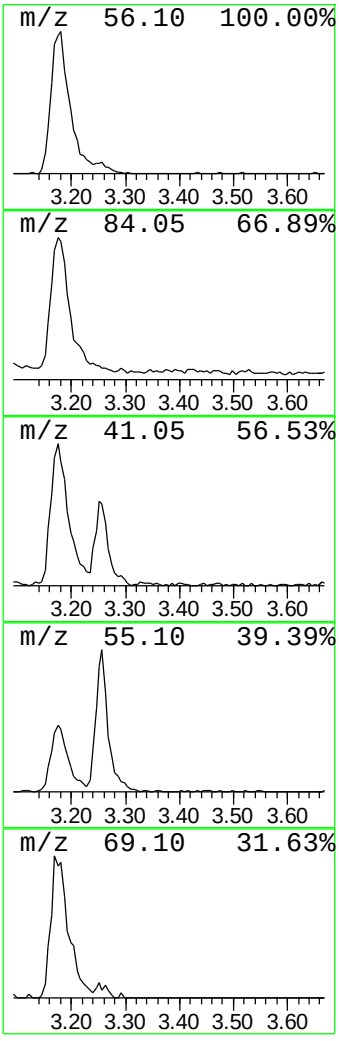
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	12.36 ng	283510	1,4-Dichlorobenzene-d4	8.06

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	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	1-Hexene	84	C6H12	000592-41-6	50
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	50





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Instrument : BNA_G
ClientSampleId : 20190764-SS-COMPOSITE-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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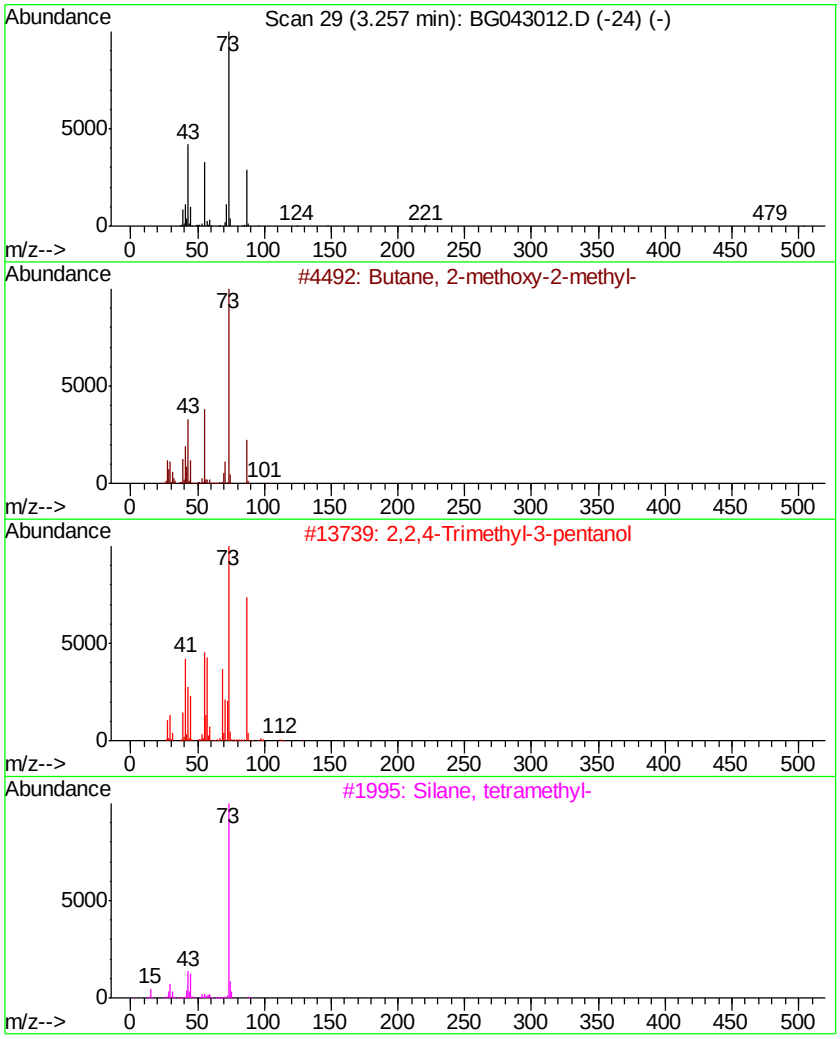
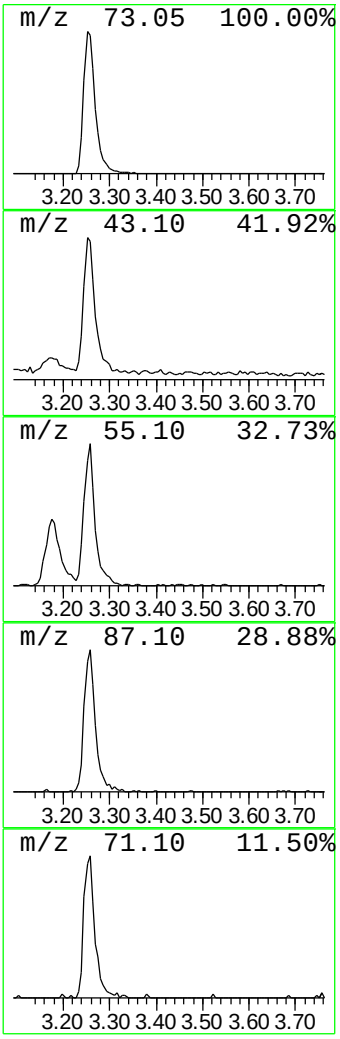
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	15.36 ng	352180	1,4-Dichlorobenzene-d4	8.06

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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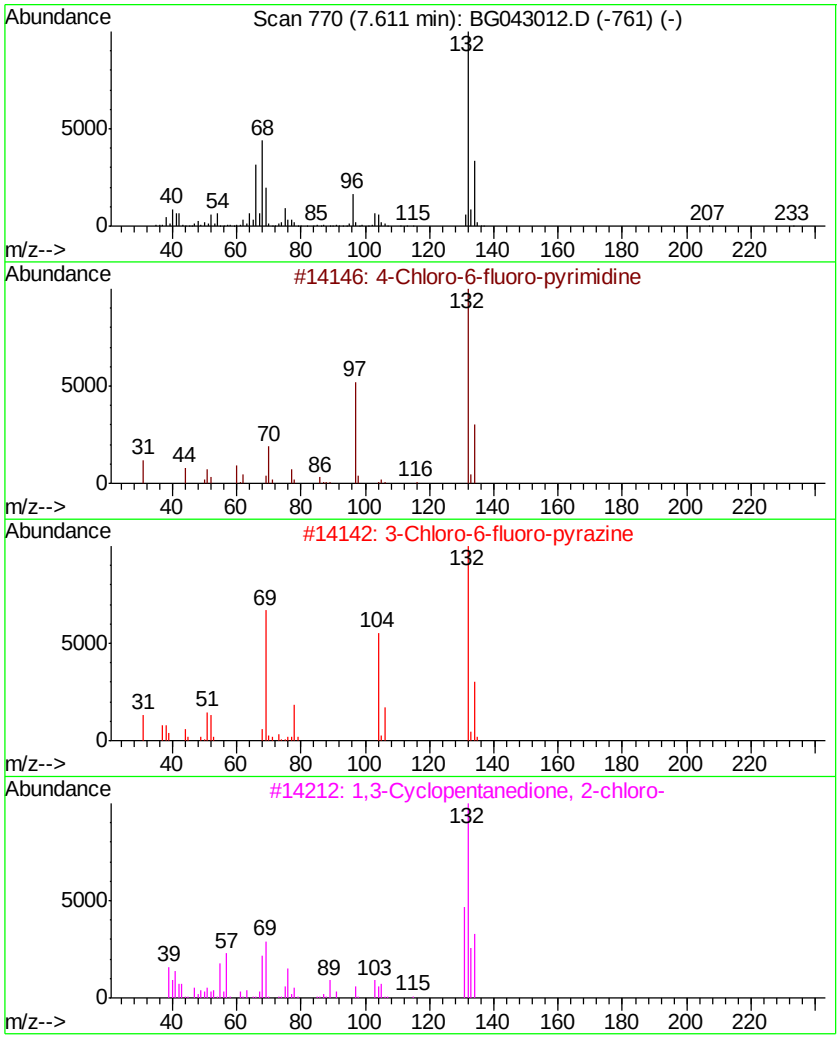
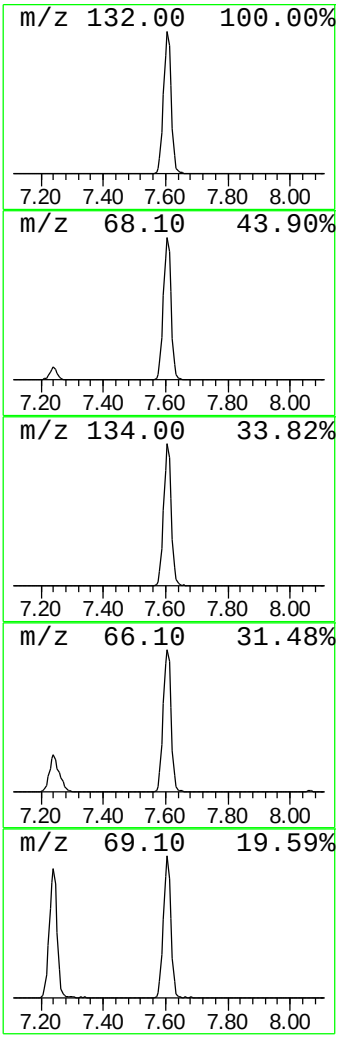
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	102.49 ng	2350400	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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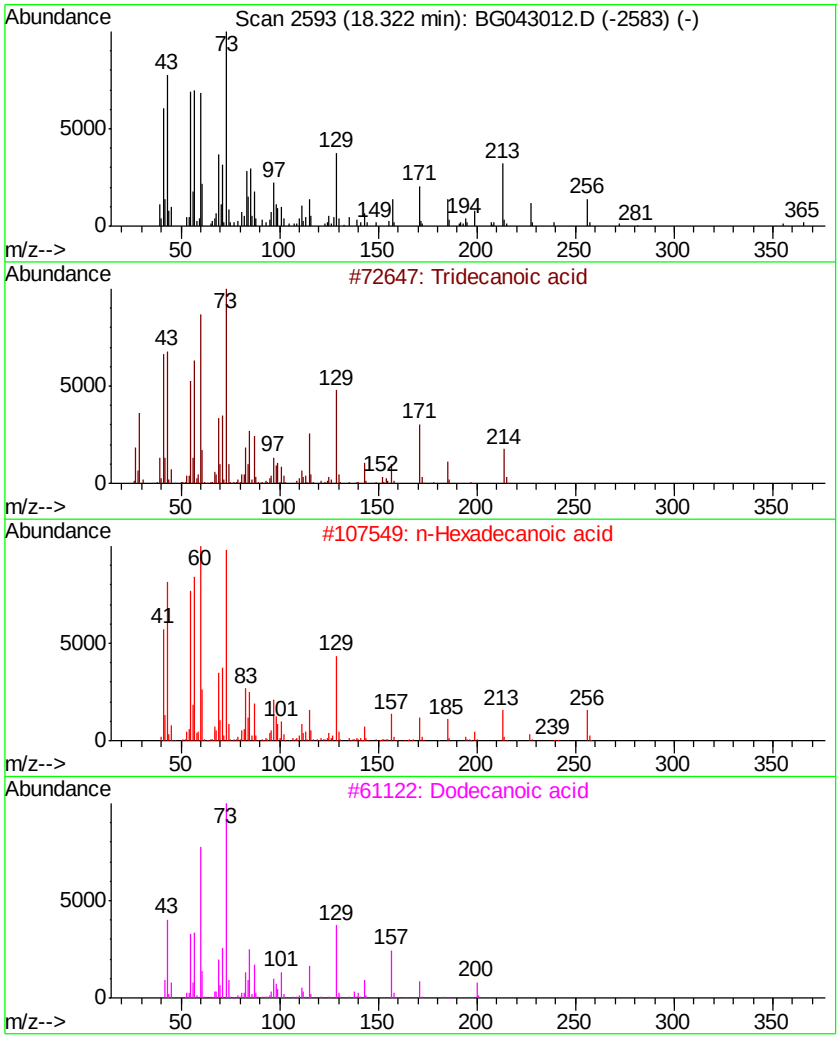
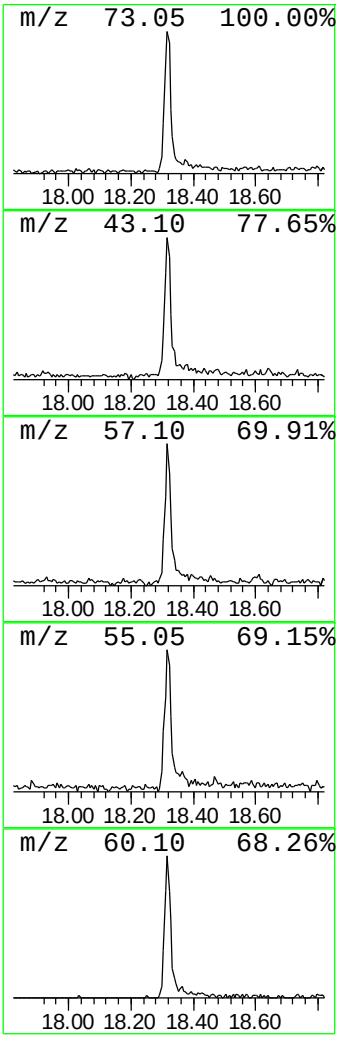
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.11 ng	238722	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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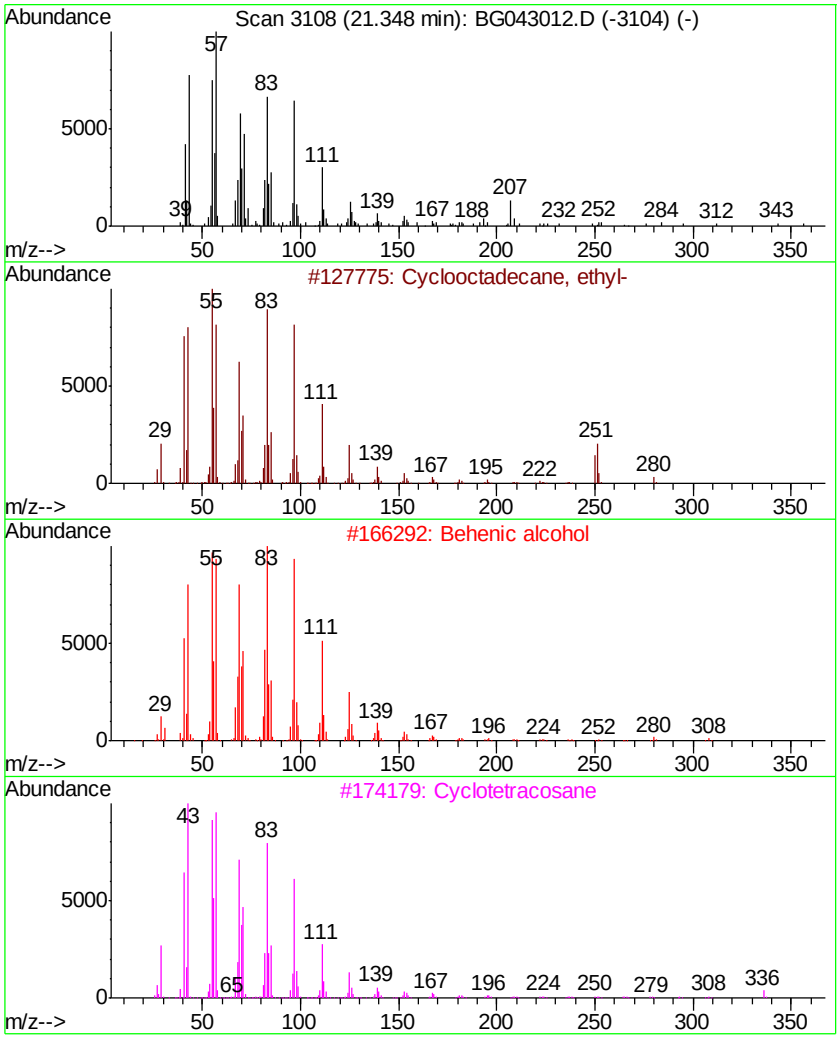
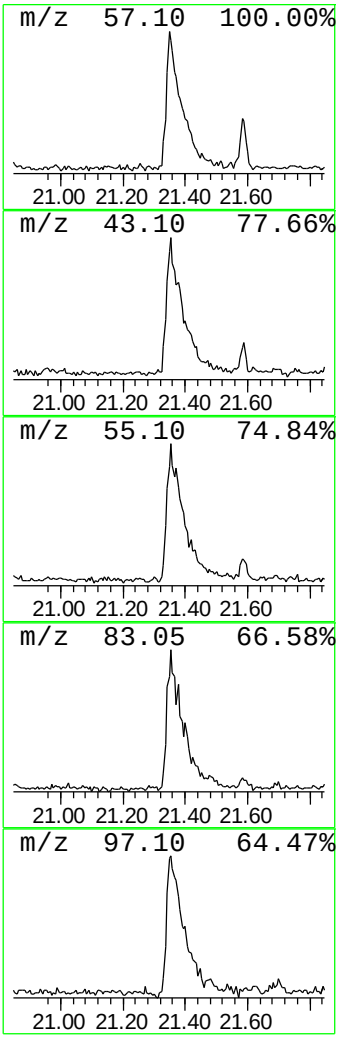
Peak Number 6 Cyclooctadecane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.95 ng	515191	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Cyclotetracosane	336	C24H48	000297-03-0	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.17	12.4	ng	283510	1	8.06	458667	20.0
Butane, 2-methoxy...	3.26	15.4	ng	352180	1	8.06	458667	20.0
unknown7.61	7.61	102.5	ng	2350400	1	8.06	458667	20.0
Tridecanoic acid	18.32	4.1	ng	238722	4	17.43	1162190	20.0
Cyclooctadecane, ...	21.35	7.0	ng	515191	5	21.69	1483310	20.0