LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040999.D
Acq On : 1 Jun 2019 6:01
Operator : HP/JU
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

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-BG052919.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	3.126	3	6	15	rVV	292516	515907	12.86%	2.493%
2	3.208	15	20	35	rVB	1114960	1673115	41.71%	8.086%
3	5.652	430	436	450	rVB	259733	428130	10.67%	2.069%
4	7.256	702	709	719	rVB	178151	316867	7.90%	1.531%
5	7.644	767	775	783	rBV	489733	848681	21.16%	4.102%
6	8.120	849	856	863	rBV	216118	369312	9.21%	1.785%
7	8.443	903	911	919	rBV	660502	1167563	29.11%	5.643%
8	9.295	1048	1056	1064	rBV	616710	1104155	27.53%	5.336%
9	10.940	1329	1336	1344	rBV	285831	512906	12.79%	2.479%
10	13.373	1739	1750	1759	rBV	1750592	2605541	64.96%	12.592%
11	14.189	1883	1889	1897	rBV	140184	212748	5.30%	1.028%
12	14.754	1976	1985	1998	rVB2	465099	802056	20.00%	3.876%
13	16.134	2214	2220	2226	rVB5	24809	41728	1.04%	0.202%
14	16.234	2230	2237	2247	rBV	928616	1411372	35.19%	6.821%
15	17.491	2445	2451	2462	rVB2	641528	1019488	25.42%	4.927%
16	18.343	2591	2596	2607	rBV	227210	356351	8.88%	1.722%
17	19.613	2807	2812	2817	rBV	137944	188740	4.71%	0.912%
18	20.088	2885	2893	2899	rBV	3054002	4011191	100.00%	19.386%
19	21.369	3107	3111	3121	rBV6	58553	131482	3.28%	0.635%
20	21.775	3172	3180	3187	rBV	695886	1173225	29.25%	5.670%
21	22.544	3306	3311	3316	rVB3	52451	79992	1.99%	0.387%
22	23.261	3427	3433	3438	rBV3	45369	86707	2.16%	0.419%
23	23.455	3461	3466	3474	rVB6	21244	46473	1.16%	0.225%
24	24.084	3567	3573	3583	rVB	80756	168526	4.20%	0.814%
25	25.112	3734	3748	3764	rVB2	386654	1239754	30.91%	5.992%
26	26.228	3931	3938	3951	rVB5	38312	122507	3.05%	0.592%
27	27.638	4173	4178	4187	rVB10	18081	56870	1.42%	0.275%

Sum of corrected areas: 20691387

LSC Report - Integrated Chromatogram

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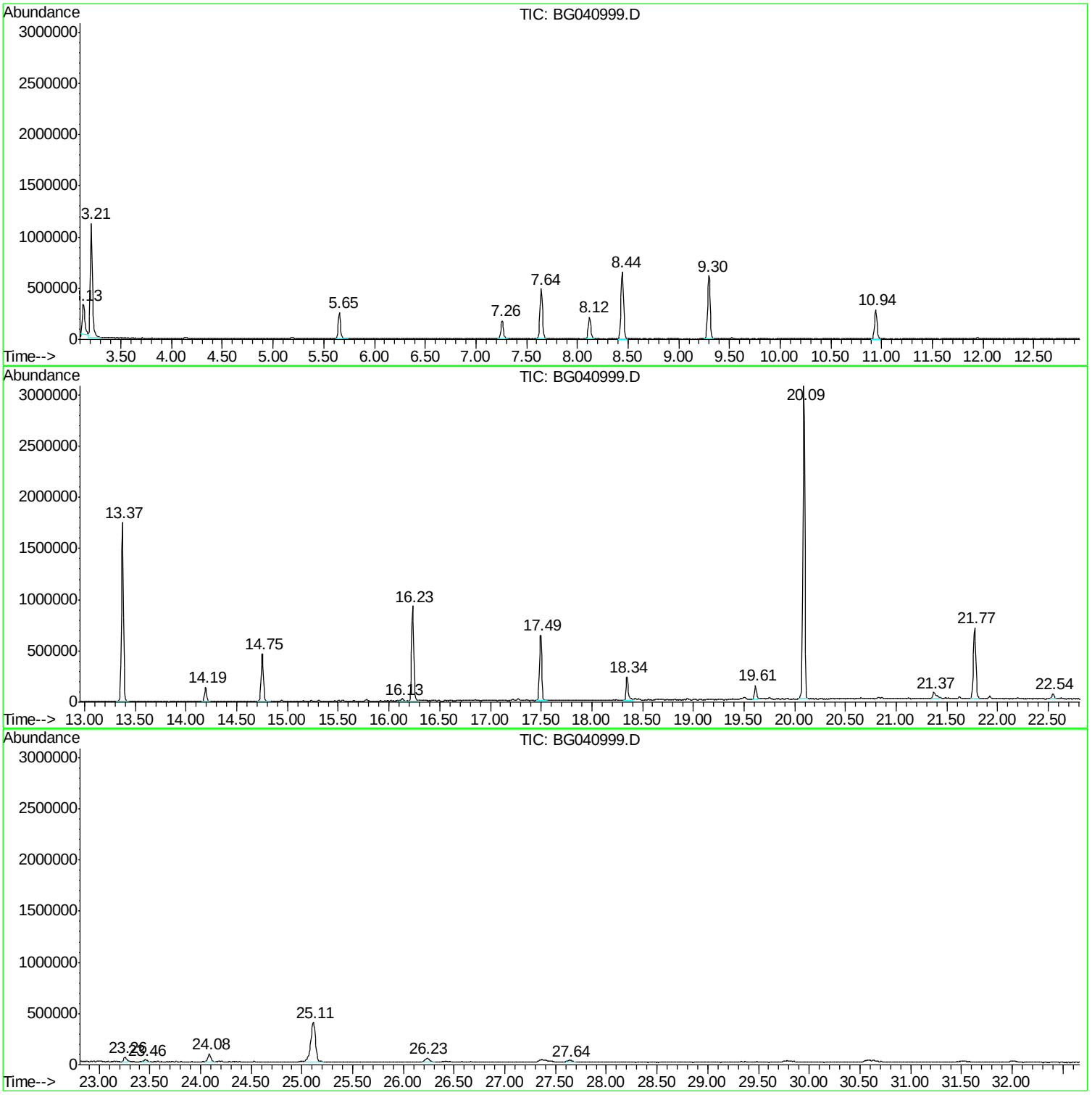
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

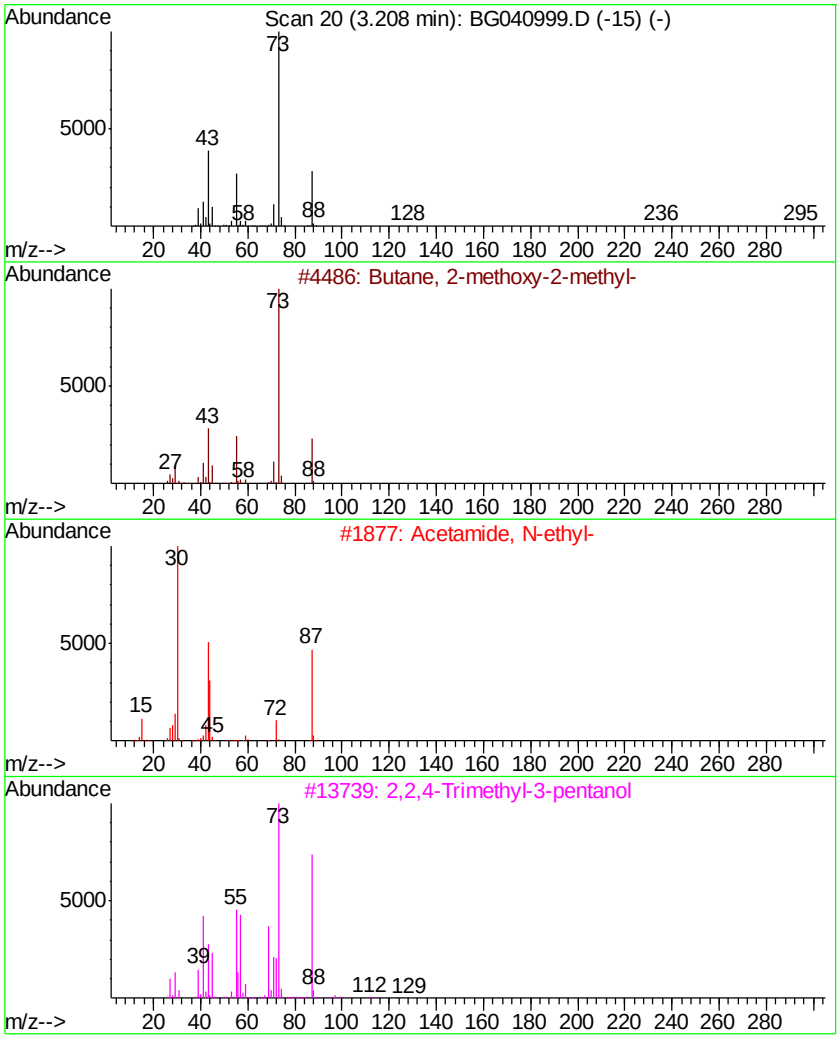
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

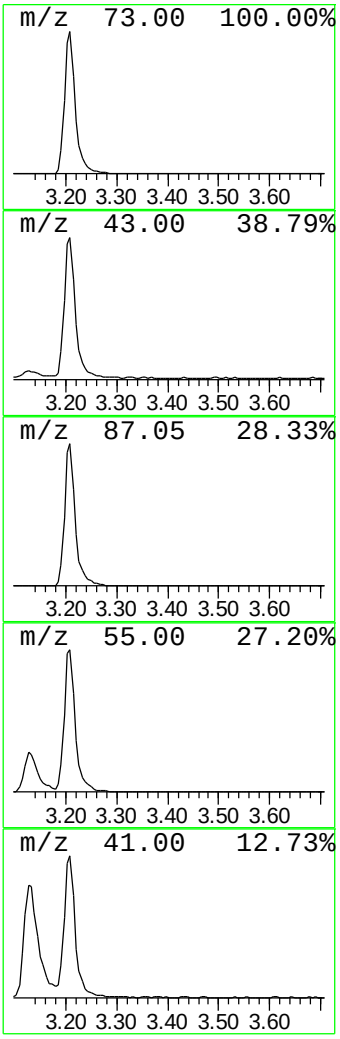
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	90.61 ng	1673120	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040999.D
Acq On : 1 Jun 2019 6:01
Operator : HP/JU
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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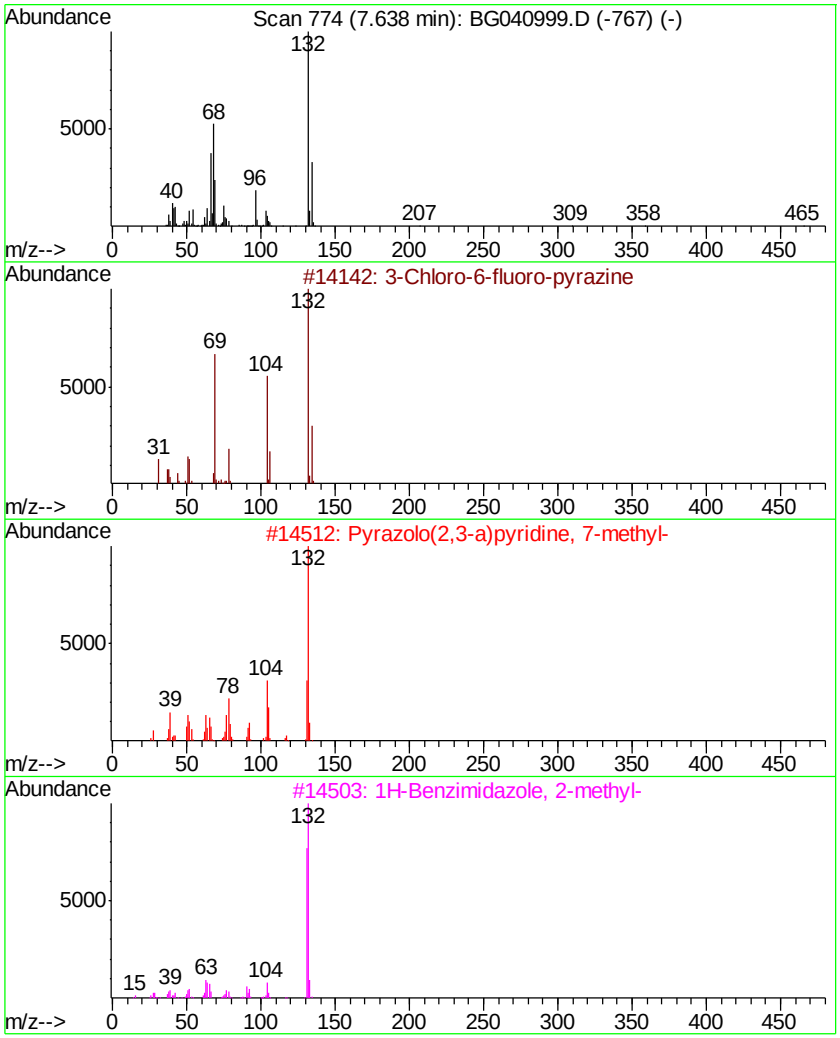
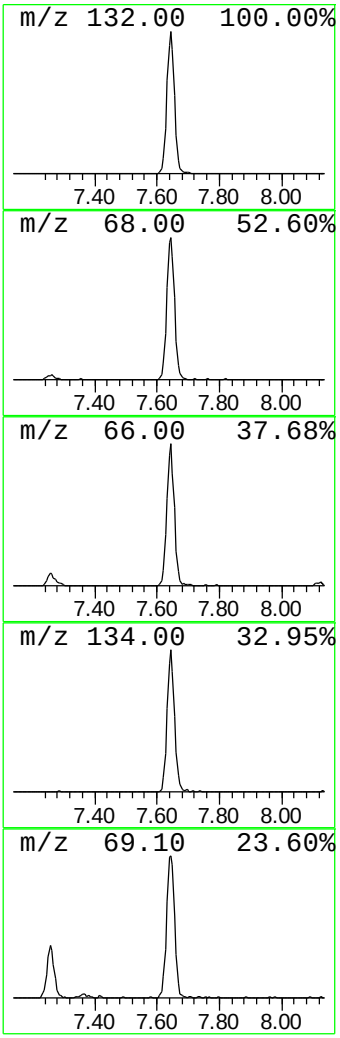
Peak Number 3 unknown7.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	45.96 ng	848681	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20
5	Isoquinoline, 1,2,3,4-tetrahydro...	216	C14H20N2	200413-62-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040999.D
Acq On : 1 Jun 2019 6:01
Operator : HP/JU
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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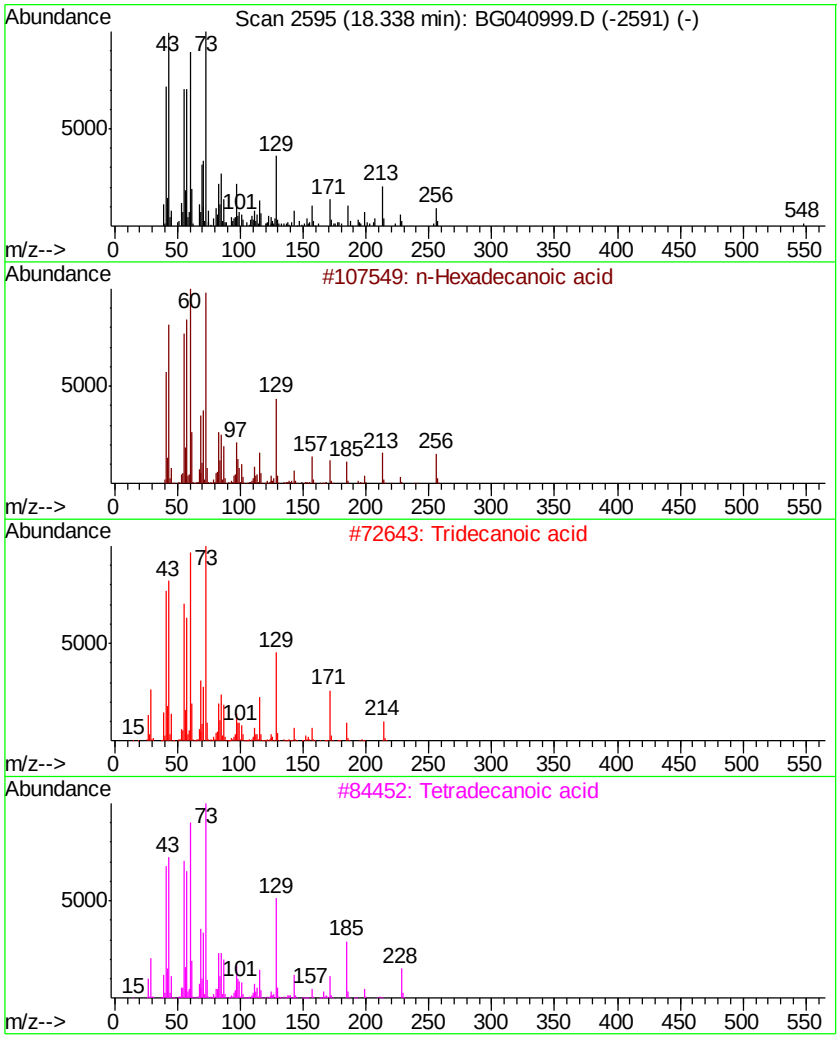
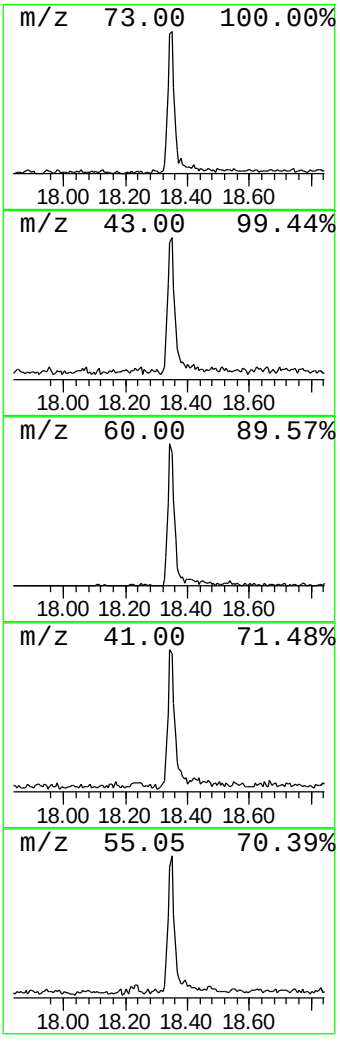
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.99 ng	356351	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BG040999.D
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Operator : HP/JU
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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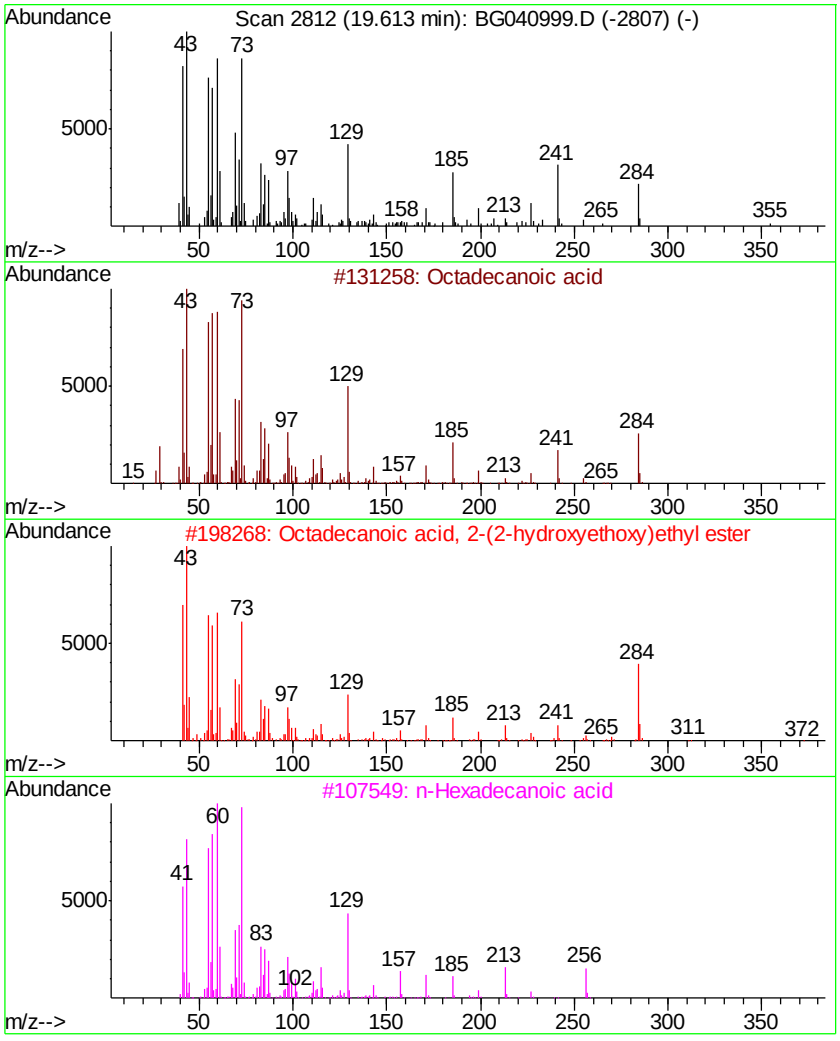
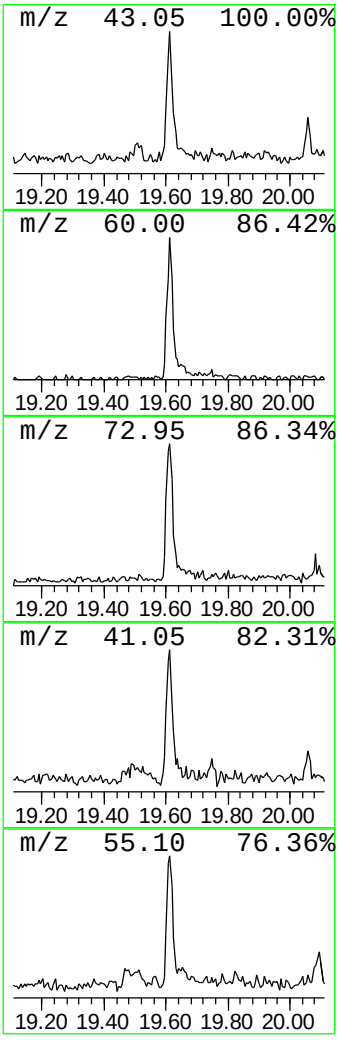
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.70 ng	188740	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040999.D
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Operator : HP/JU
Sample : K3037-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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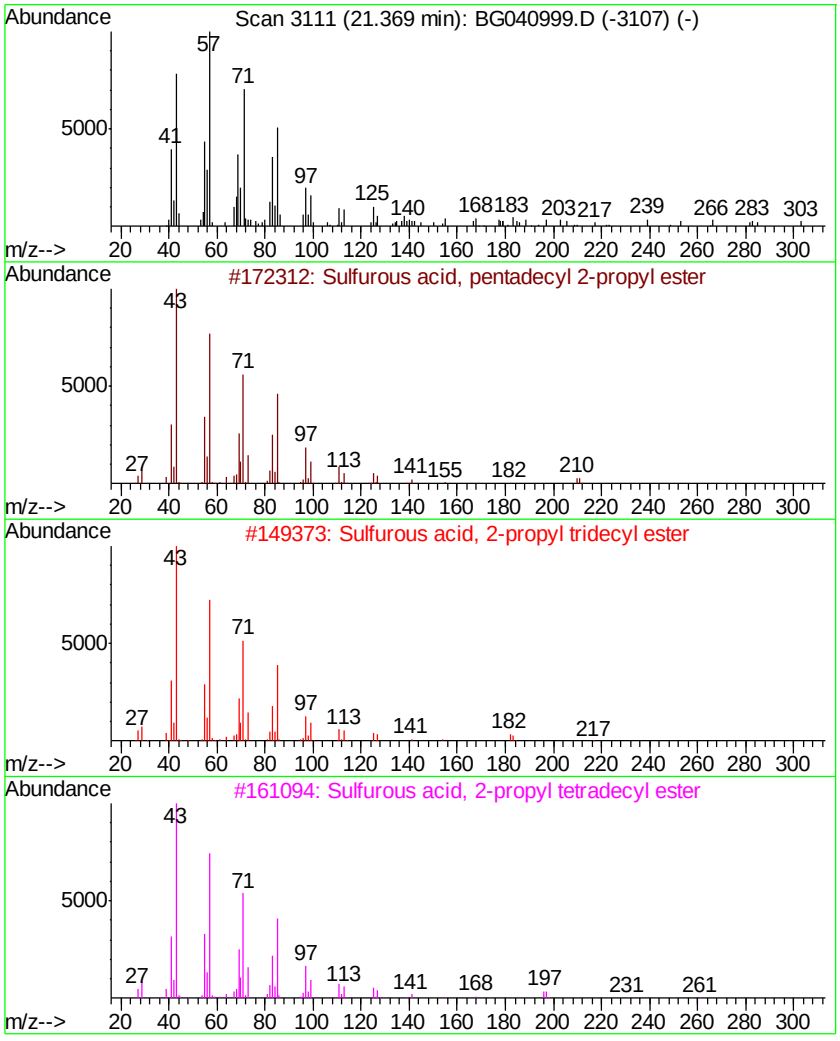
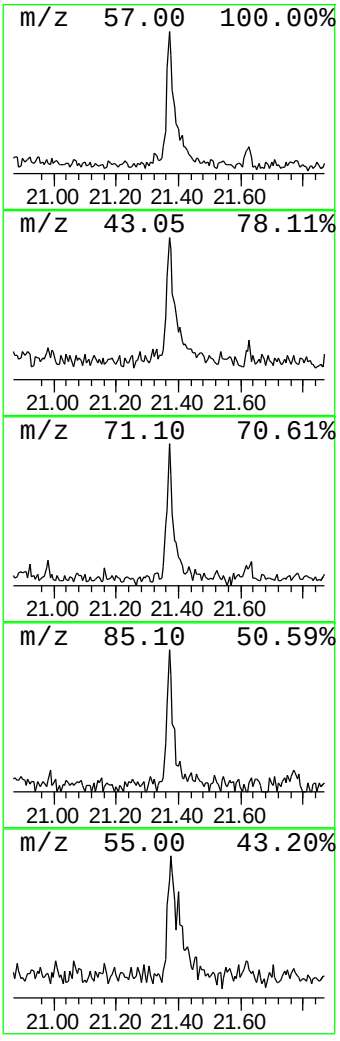
****

Peak Number 7 Sulfurous acid, pentadecyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.24 ng	131482	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Tetratetracontane	619	C44H90	007098-22-8	80





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

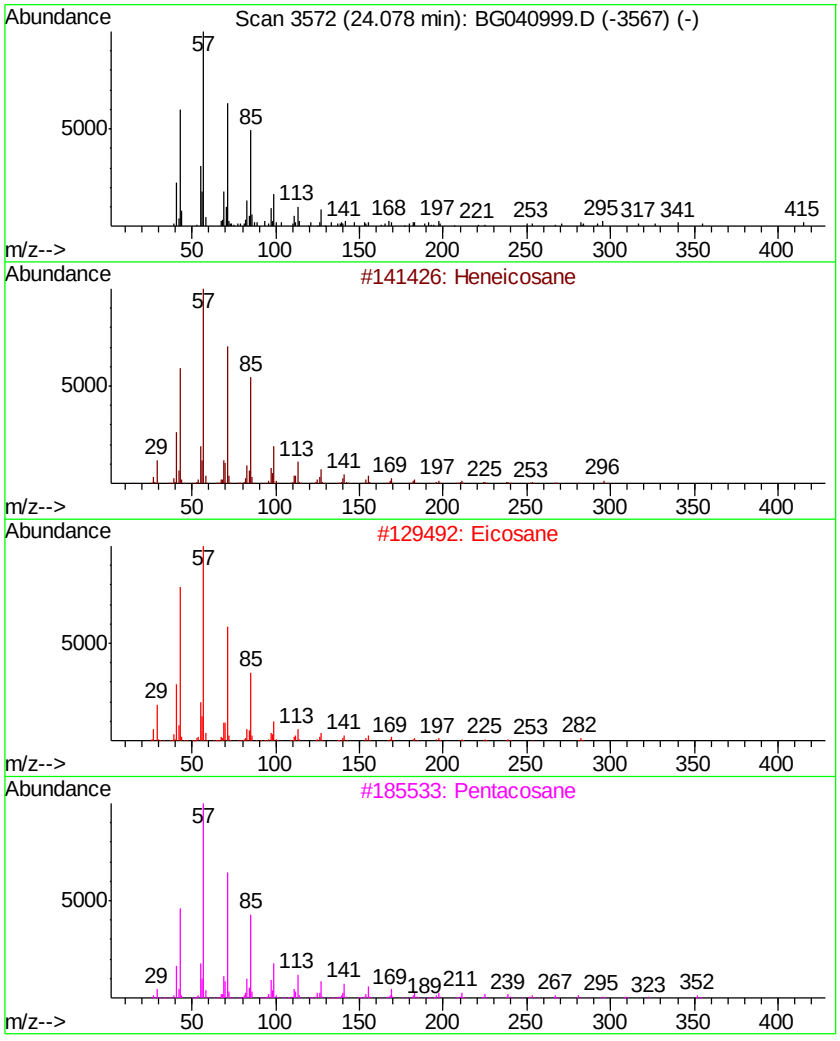
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

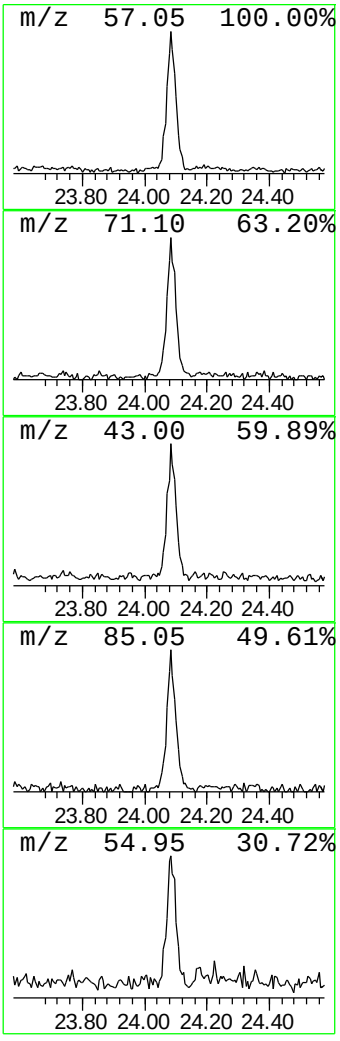
****

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.72 ng	168526	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	92
3	Pentacosane	352	C25H52	000629-99-2	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octacosane	394	C28H58	000630-02-4	74





Tentatively Identified Compound (LSC) summary

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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...	3.21	90.6	ng	1673120	1	8.12	369312	20.0
unknown7.64	7.64	46.0	ng	848681	1	8.12	369312	20.0
n-Hexadecanoic acid	18.34	7.0	ng	356351	4	17.49	1019490	20.0
Octadecanoic acid	19.61	3.7	ng	188740	4	17.49	1019490	20.0
Sulfurous acid, p...	21.37	2.2	ng	131482	5	21.77	1173230	20.0
Heneicosane	24.08	2.7	ng	168526	6	25.11	1239750	20.0