LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039950.D
Acq On : 15 Mar 2019 20:48
Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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	3.201	13	19	27	rBV	232615	478121	15.88%	3.093%
2	3.272	27	31	49	rVB	457967	709884	23.58%	4.593%
3	5.234	359	365	372	rBV	22649	37892	1.26%	0.245%
4	5.692	437	443	453	rVB	230139	366020	12.16%	2.368%
5	7.290	708	715	724	rBV	144141	245037	8.14%	1.585%
6	7.671	772	780	787	rBV	440211	761787	25.30%	4.929%
7	8.147	854	861	872	rVB	158509	275235	9.14%	1.781%
8	8.470	908	916	925	rBV	623851	1093418	36.31%	7.074%
9	9.322	1051	1061	1069	rBV	540801	991028	32.91%	6.412%
10	10.967	1333	1341	1348	rBV	224380	403074	13.39%	2.608%
11	13.399	1747	1755	1764	rBV	1583876	2446057	81.23%	15.826%
12	14.774	1981	1989	2000	rVB3	369000	597622	19.85%	3.867%
13	16.260	2235	2242	2250	rBV	766621	1161494	38.57%	7.515%
14	17.517	2450	2456	2468	rVB	477654	723459	24.03%	4.681%
15	18.369	2597	2601	2606	rBV3	27656	39454	1.31%	0.255%
16	20.113	2891	2898	2903	rBV	2213451	3011119	100.00%	19.482%
17	21.394	3111	3116	3126	rBV4	37121	82423	2.74%	0.533%
18	21.805	3179	3186	3195	rVB	487503	828739	27.52%	5.362%
19	22.569	3311	3316	3322	rBV3	26390	42358	1.41%	0.274%
20	23.286	3431	3438	3448	rBV2	63706	121964	4.05%	0.789%
21	24.120	3572	3580	3590	rVB2	42677	99048	3.29%	0.641%
22	25.107	3739	3748	3749	rBV2	44946	84390	2.80%	0.546%
23	25.171	3751	3759	3770	rVB2	269966	781199	25.94%	5.054%
24	26.276	3940	3947	3956	rVB3	28446	74984	2.49%	0.485%

Sum of corrected areas: 15455806

LSC Report - Integrated Chromatogram

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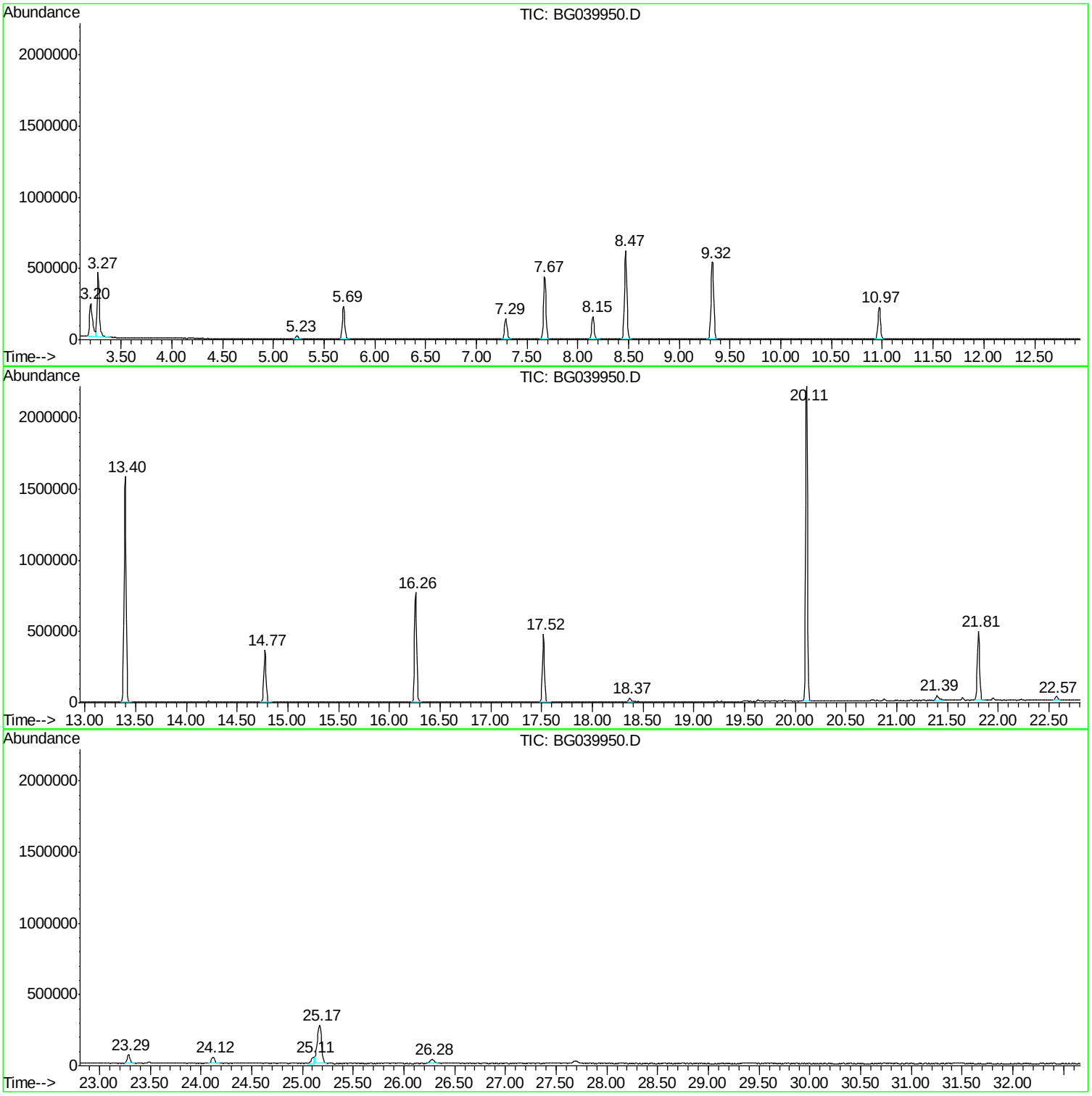
Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
97-98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039950.D
Acq On : 15 Mar 2019 20:48
Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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

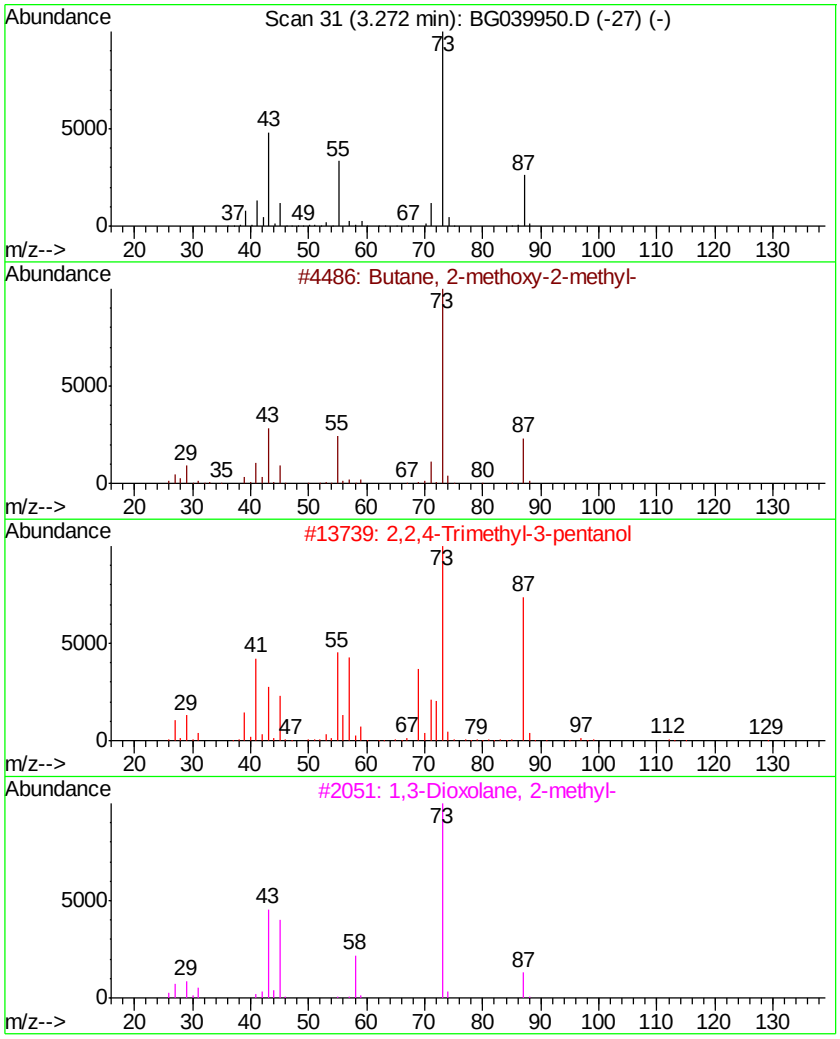
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

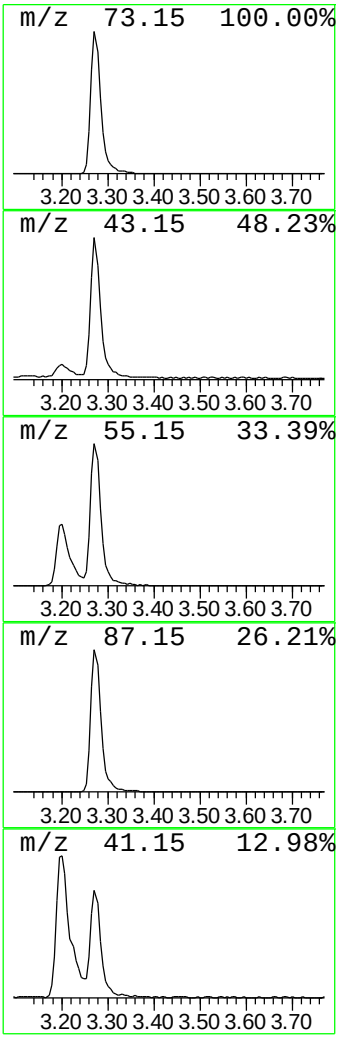
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	51.58 ng	709884	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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

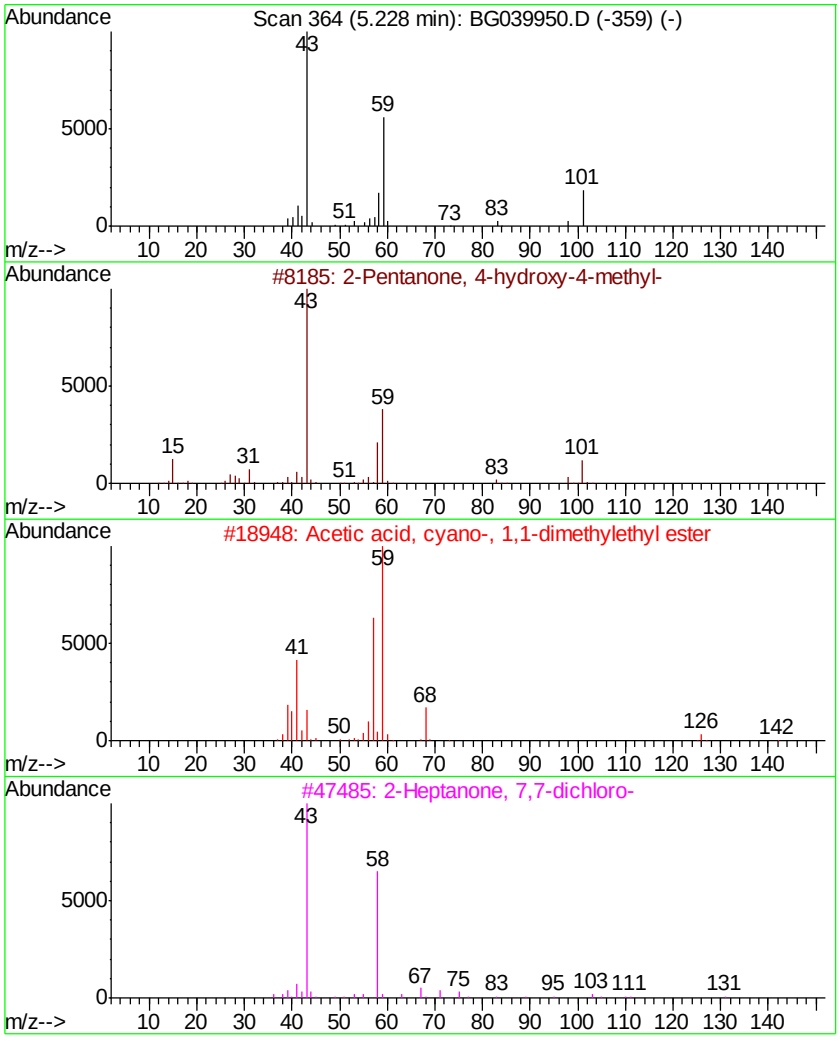
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

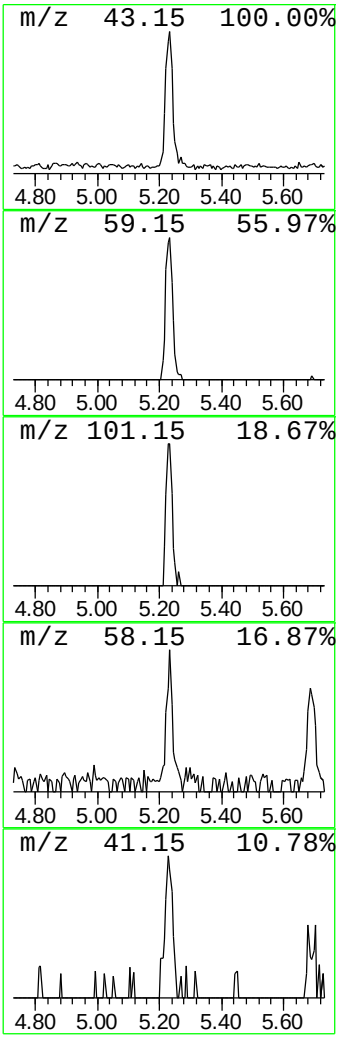
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	2.75 ng	37892	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Acetone	58	C3H6O	000067-64-1	7





Library Search Compound Report

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Data File : BG039950.D
Acq On : 15 Mar 2019 20:48
Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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
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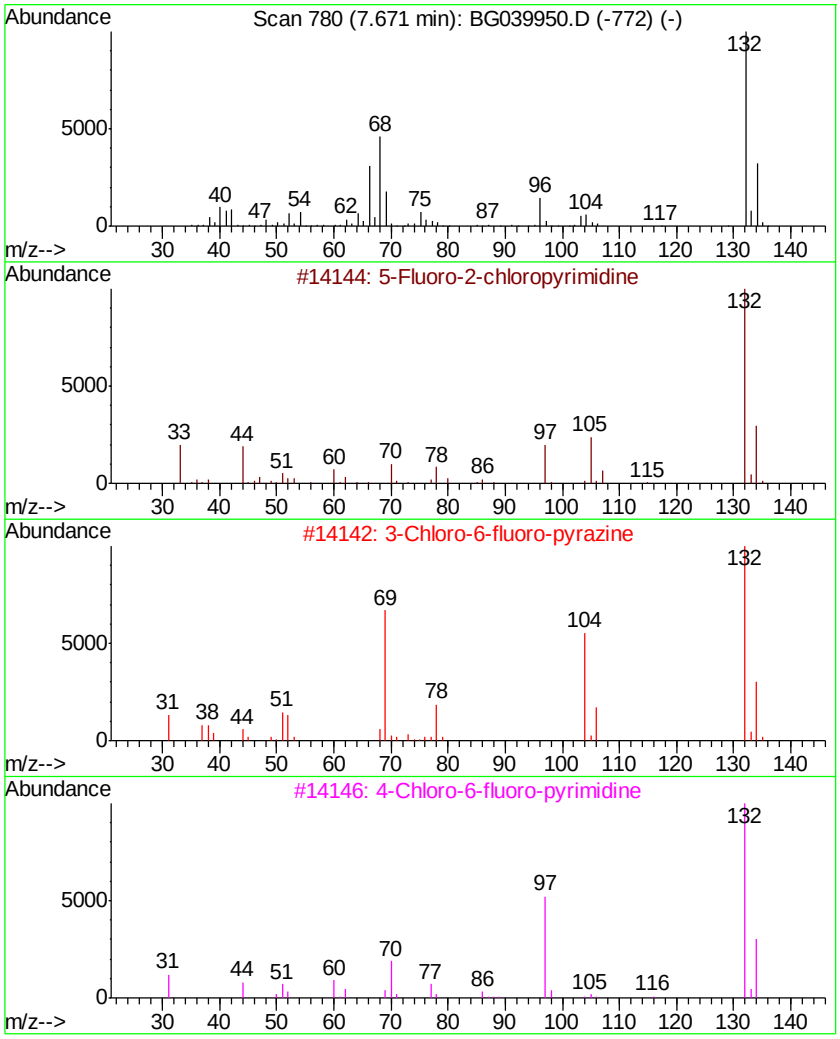
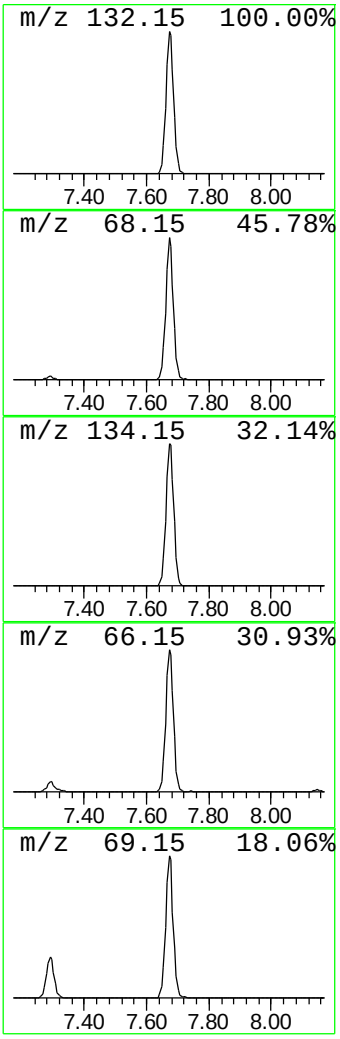
Peak Number 4 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	55.36 ng	761787	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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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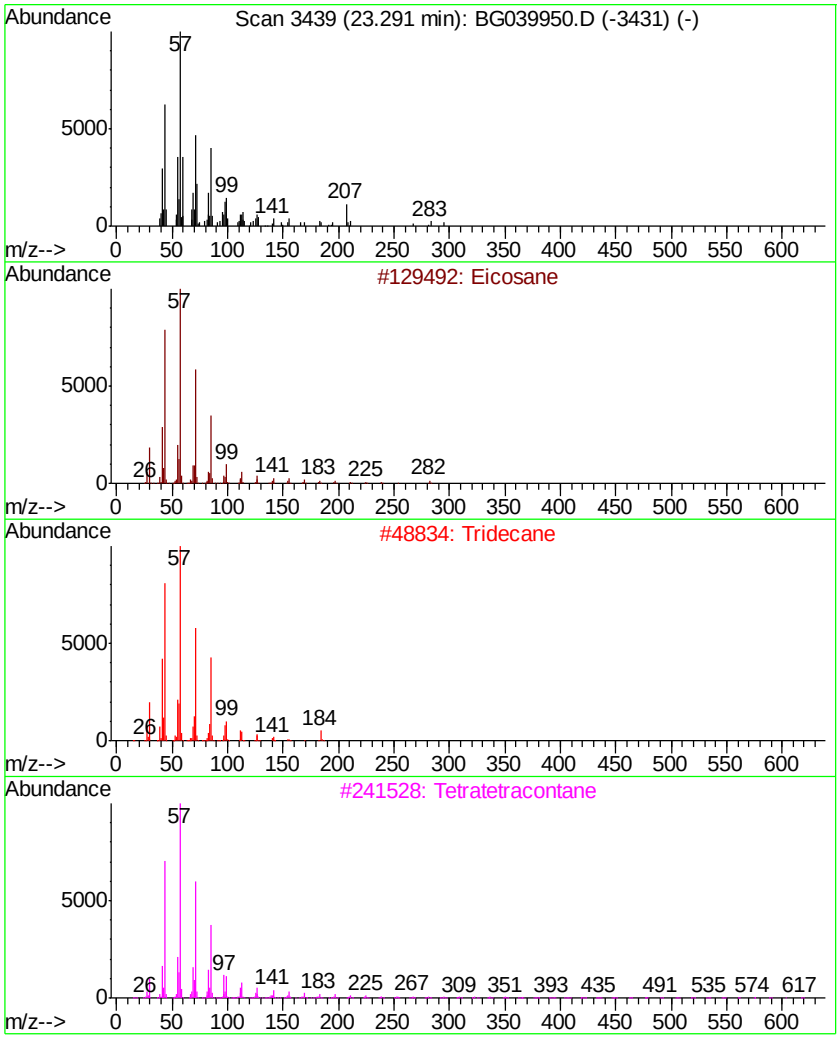
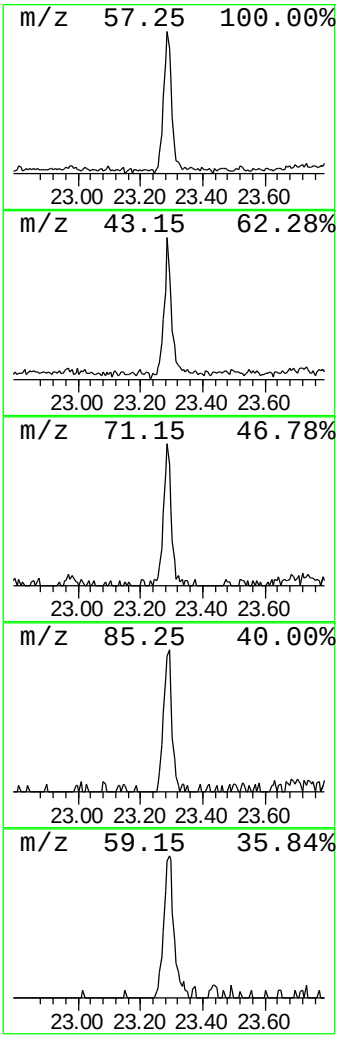
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.94 ng	121964	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tridecane	184	C13H28	000629-50-5	60
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	58
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	58





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Operator : JU/SJ
Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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

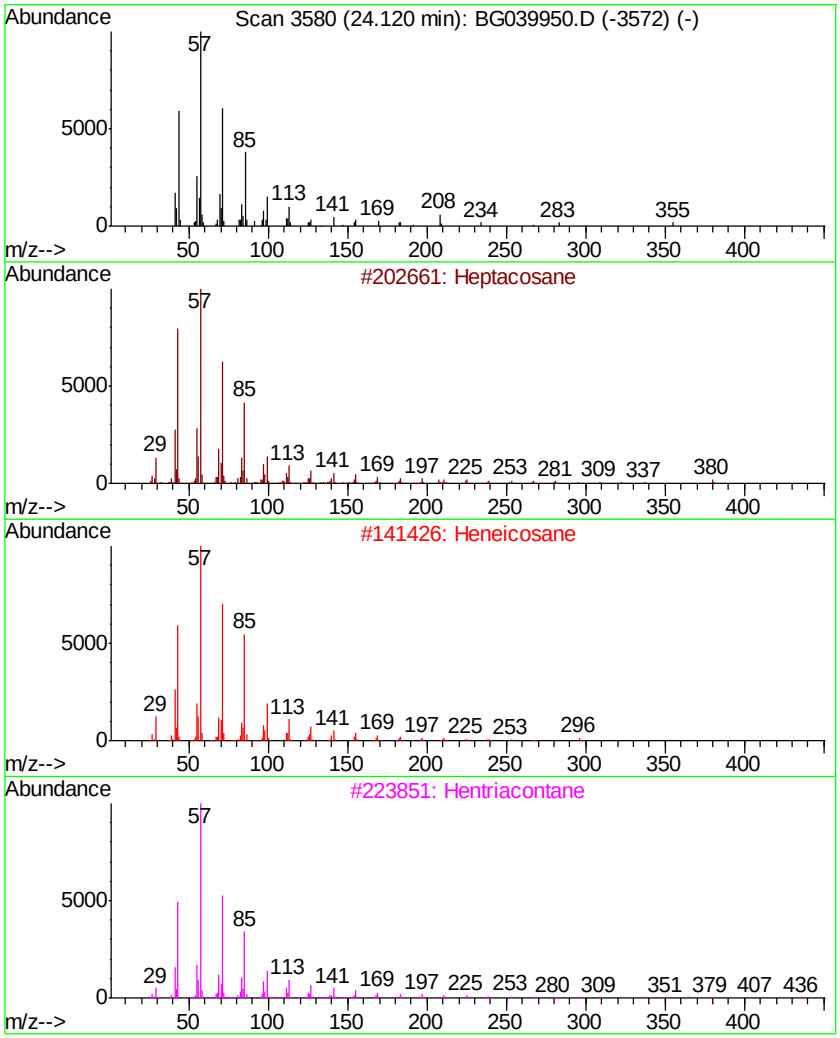
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

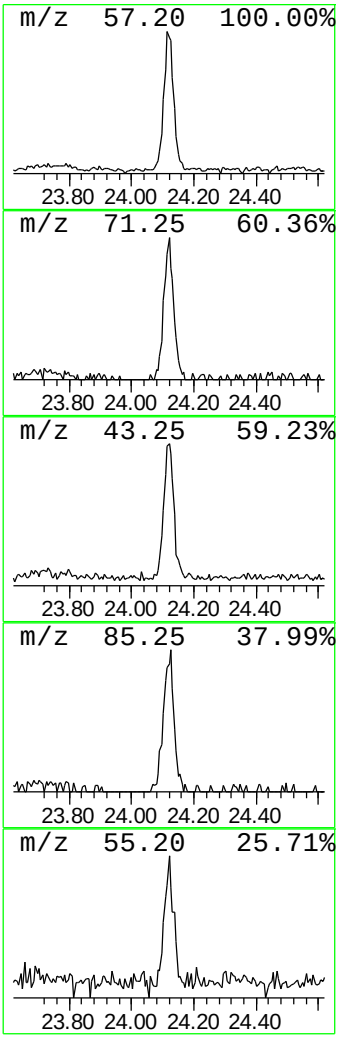
****

Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.54 ng	99048	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : K1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 97-98

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

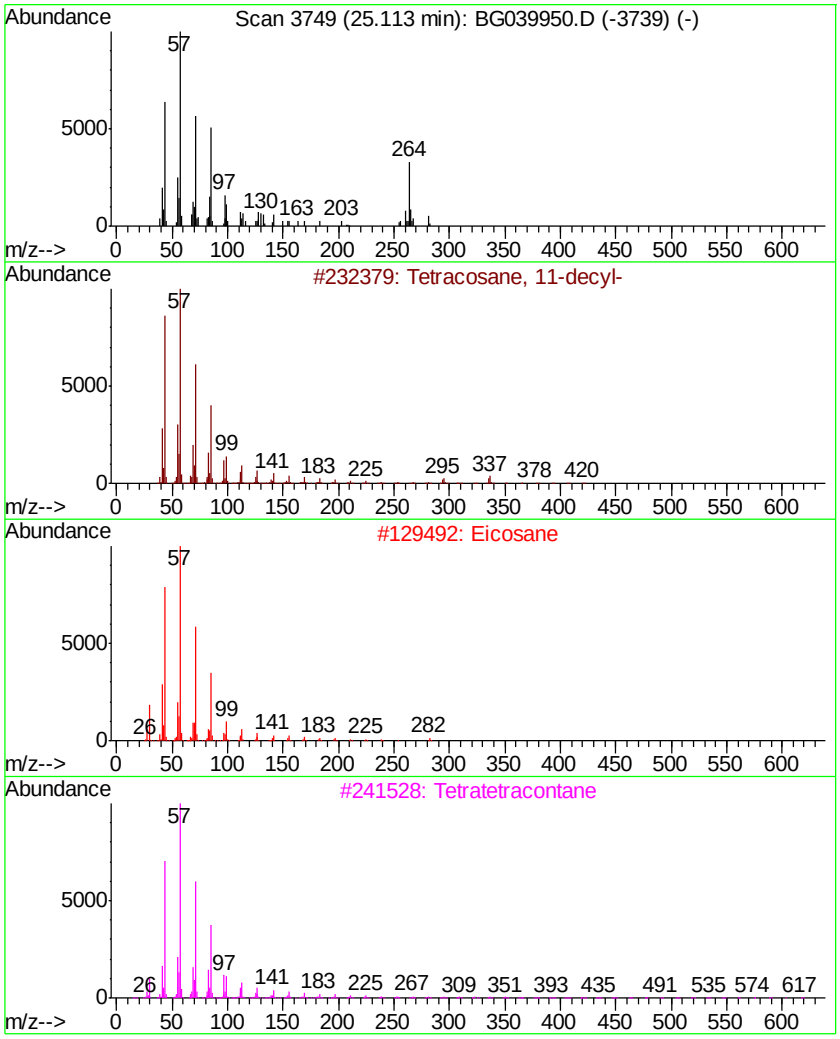
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

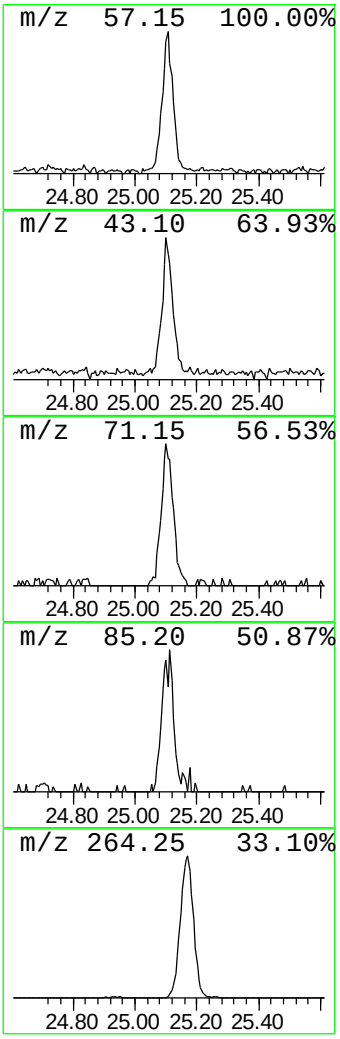
****

Peak Number 8 Tetracosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	2.16 ng	84390	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	70
2	Eicosane	282	C20H42	000112-95-8	70
3	Tetratetracontane	619	C44H90	007098-22-8	68
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5	Hexatriacontane	507	C36H74	000630-06-8	62





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...	3.27	51.6	ng	709884	1	8.15	275235	20.0
2-Pentanone, 4-hy...	5.23	2.8	ng	37892	1	8.15	275235	20.0
unknown7.67	7.67	55.4	ng	761787	1	8.15	275235	20.0
Eicosane	23.29	2.9	ng	121964	5	21.81	828739	20.0
Heptacosane	24.12	2.5	ng	99048	6	25.17	781199	20.0
Tetracosane, 11-d...	25.11	2.2	ng	84390	6	25.17	781199	20.0