LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039162.D
Acq On : 16 Jan 2019 18:18
Operator : JU/SJ
Sample : K1139-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

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-BG010919.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	3.156	7	11	17	rVB	27696	48533	2.19%	0.507%
2	3.449	56	61	67	rBV	28134	36129	1.63%	0.378%
3	5.100	338	342	351	rVB	42114	67698	3.05%	0.708%
4	5.570	415	422	432	rBV	356913	589955	26.58%	6.167%
5	7.180	688	696	706	rBV	344291	598157	26.95%	6.253%
6	7.545	751	758	767	rBV	388412	661601	29.81%	6.916%
7	8.015	831	838	846	rBV	61276	108784	4.90%	1.137%
8	8.338	886	893	902	rVB	283919	516148	23.26%	5.396%
9	9.196	1031	1039	1049	rBV	252517	463305	20.88%	4.843%
10	10.835	1310	1318	1325	rBV	83279	158911	7.16%	1.661%
11	13.279	1726	1734	1747	rBV	727904	1172991	52.86%	12.262%
12	14.660	1962	1969	1979	rBV2	151221	250708	11.30%	2.621%
13	16.152	2216	2223	2235	rBV	633425	1016245	45.79%	10.623%
14	17.410	2430	2437	2446	rBV	226205	352912	15.90%	3.689%
15	20.012	2873	2880	2886	rBV	1682943	2219237	100.00%	23.199%
16	21.681	3158	3164	3170	rBV2	278280	454329	20.47%	4.749%
17	21.816	3183	3187	3194	rVB2	17674	27579	1.24%	0.288%
18	22.421	3285	3290	3299	rVB2	30002	49490	2.23%	0.517%
19	23.109	3401	3407	3419	rVB2	38086	80181	3.61%	0.838%
20	23.914	3537	3544	3554	rBV3	31446	69593	3.14%	0.727%
21	24.865	3699	3706	3710	rBV4	17889	42127	1.90%	0.440%
22	24.948	3710	3720	3733	rVB2	179736	543346	24.48%	5.680%
23	25.982	3890	3896	3907	rVB3	11462	38298	1.73%	0.400%

Sum of corrected areas: 9566257

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Misc :
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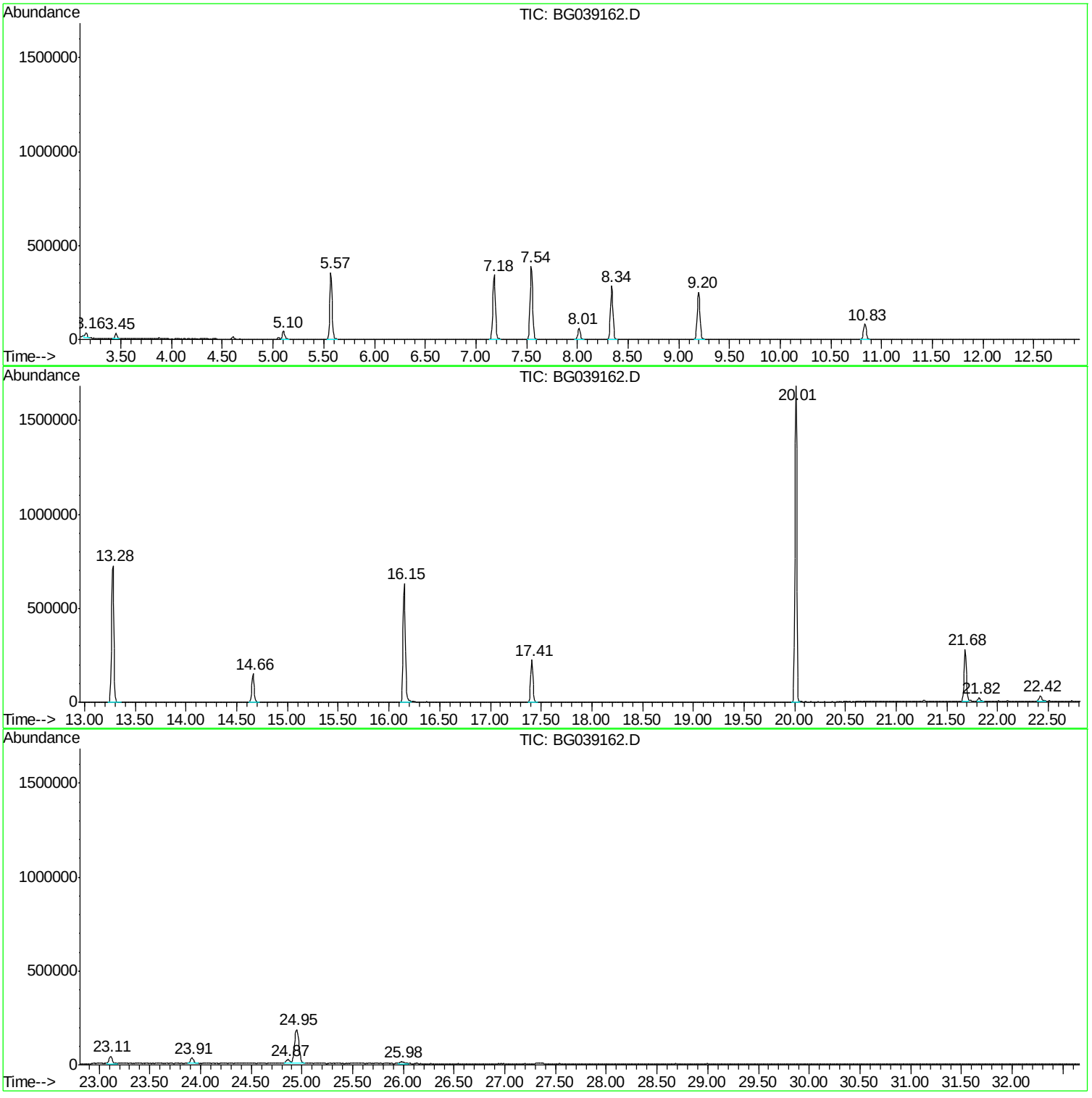
Instrument :
BNA_G
ClientSampleId :
S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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\BG011619\
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Instrument : BNA_G
ClientSampleId : S-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

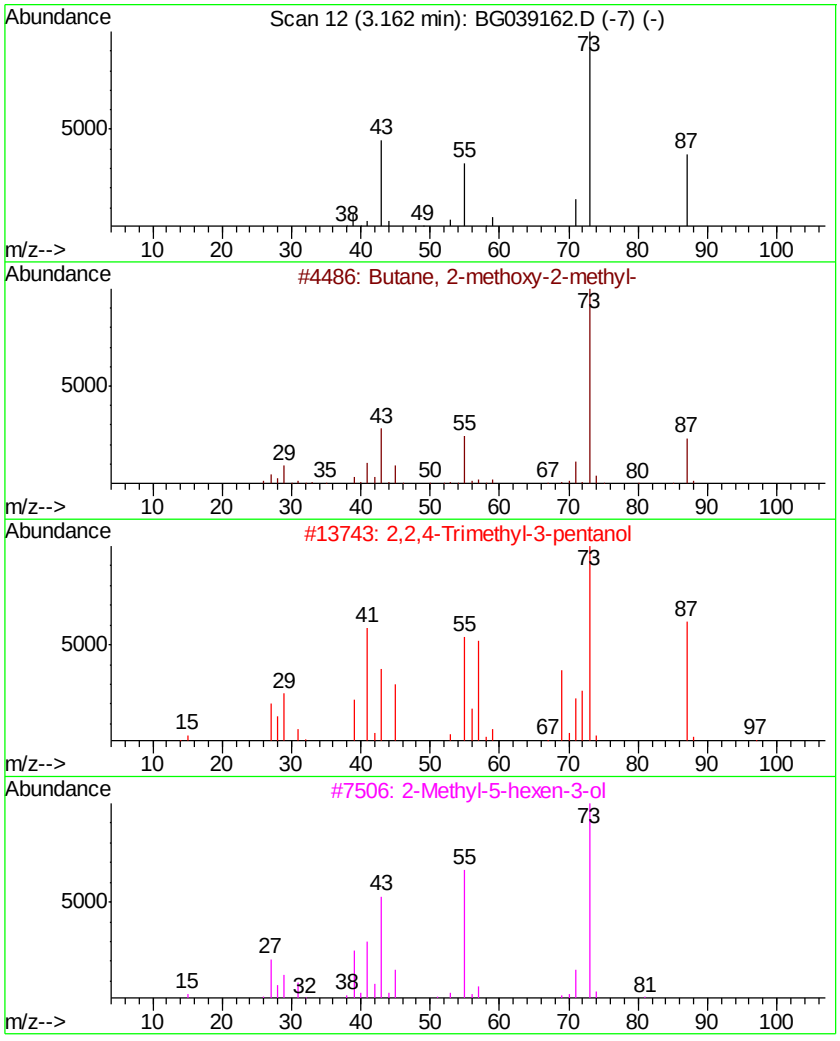
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

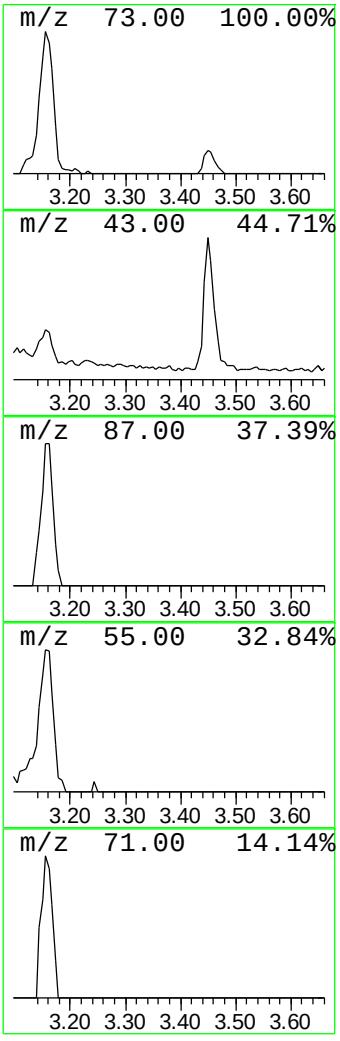
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	8.92 ng	48533	1,4-Dichlorobenzene-d4	8.02

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	45
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	4





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Data File : BG039162.D
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Operator : JU/SJ
Sample : K1139-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

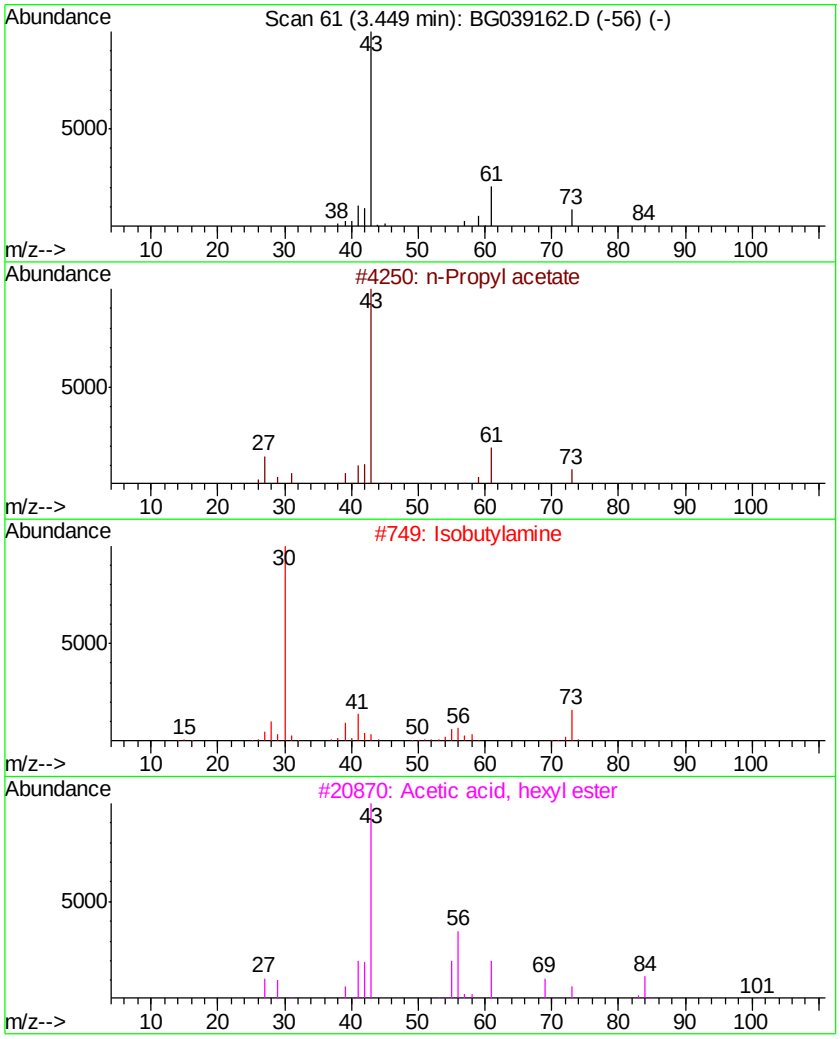
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

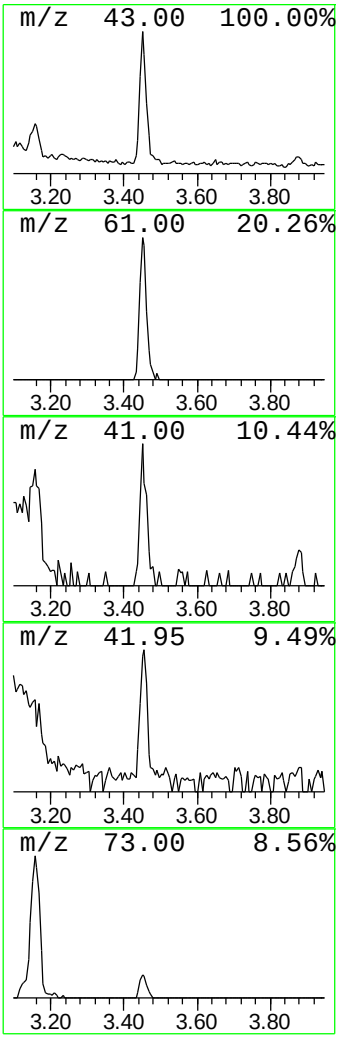
****

Peak Number 2 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	6.64 ng	36129	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isobutylamine	73	C4H11N	000078-81-9	4
3	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	4
4	Hydrogen azide	43	HN3	007782-79-8	3
5	Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	2





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Operator : JU/SJ
Sample : K1139-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

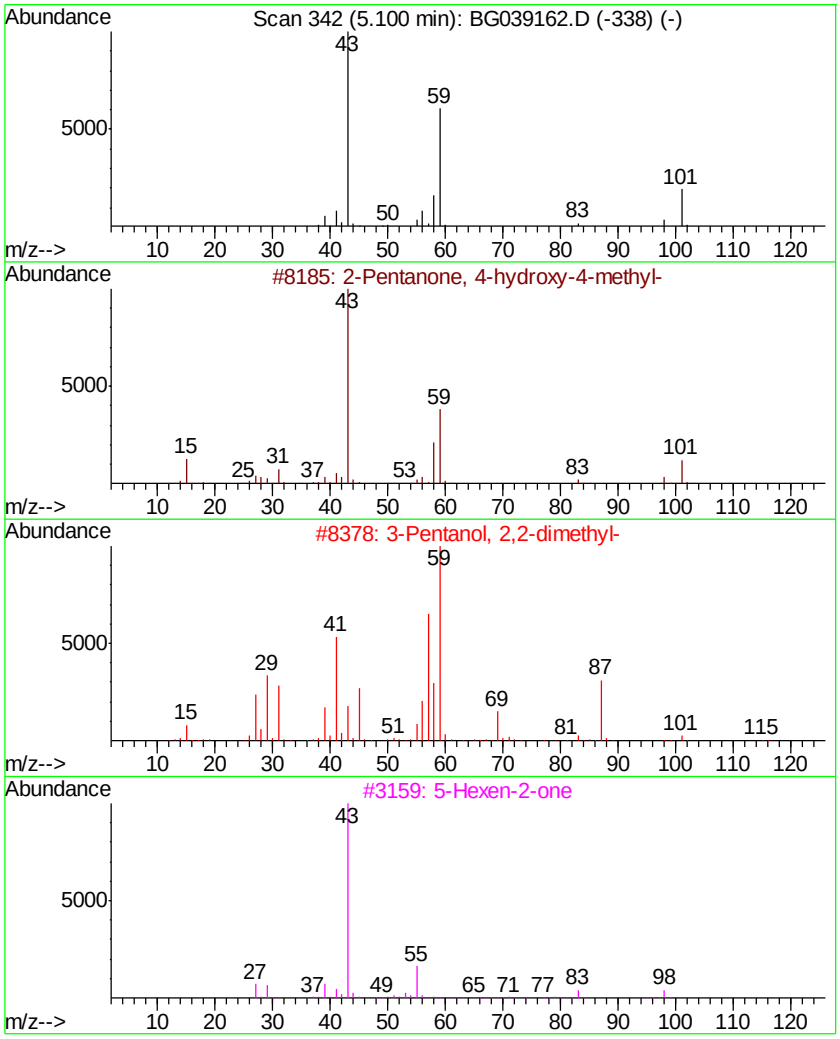
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

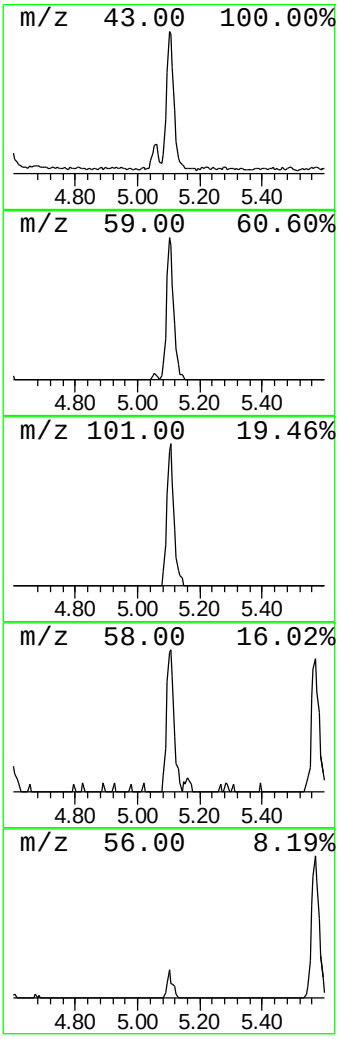
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	12.45 ng	67698	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : S-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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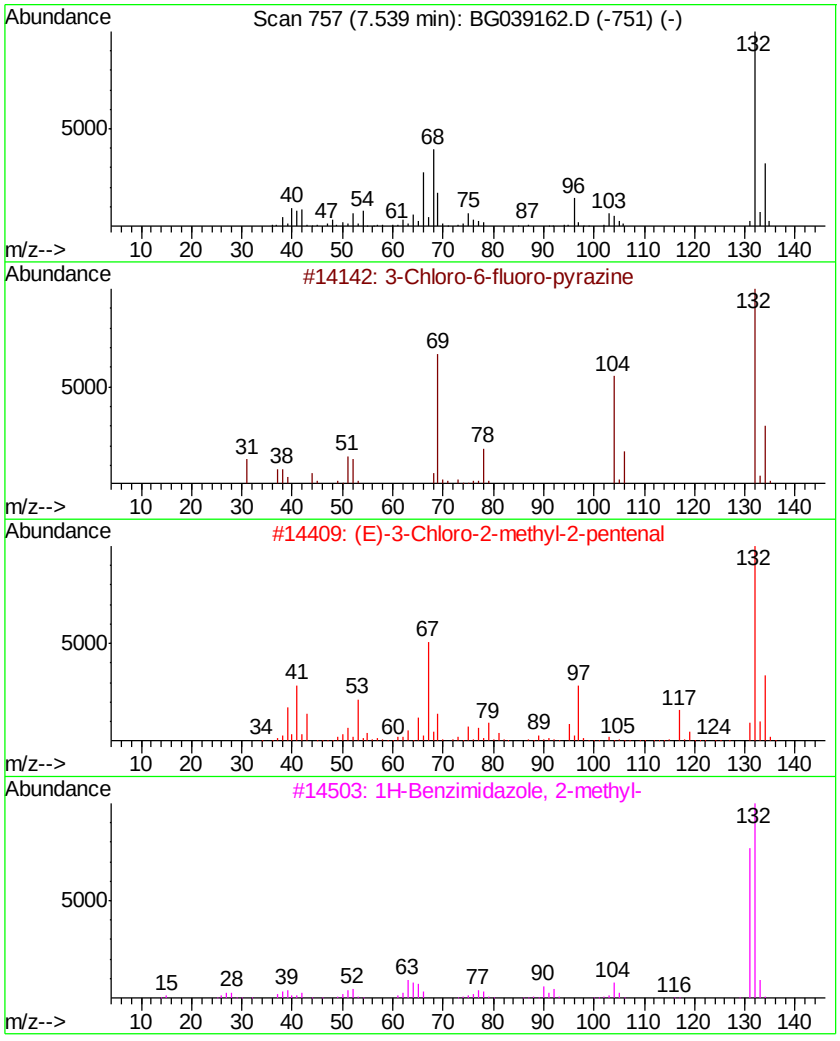
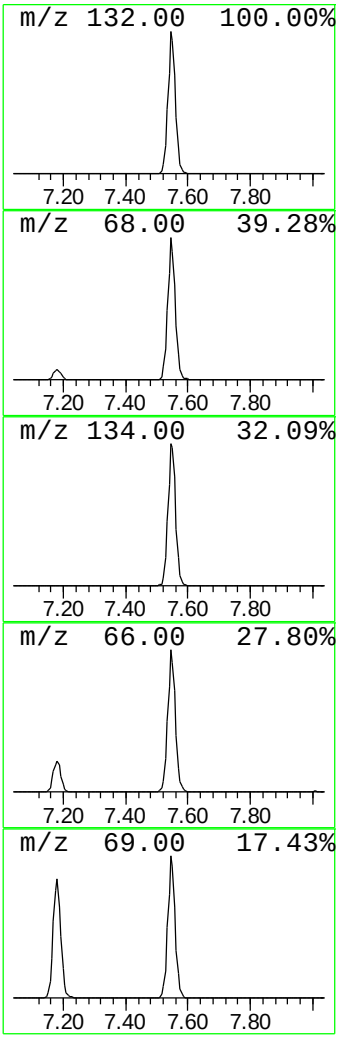
Peak Number 4 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	121.64 ng	661601	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : S-8

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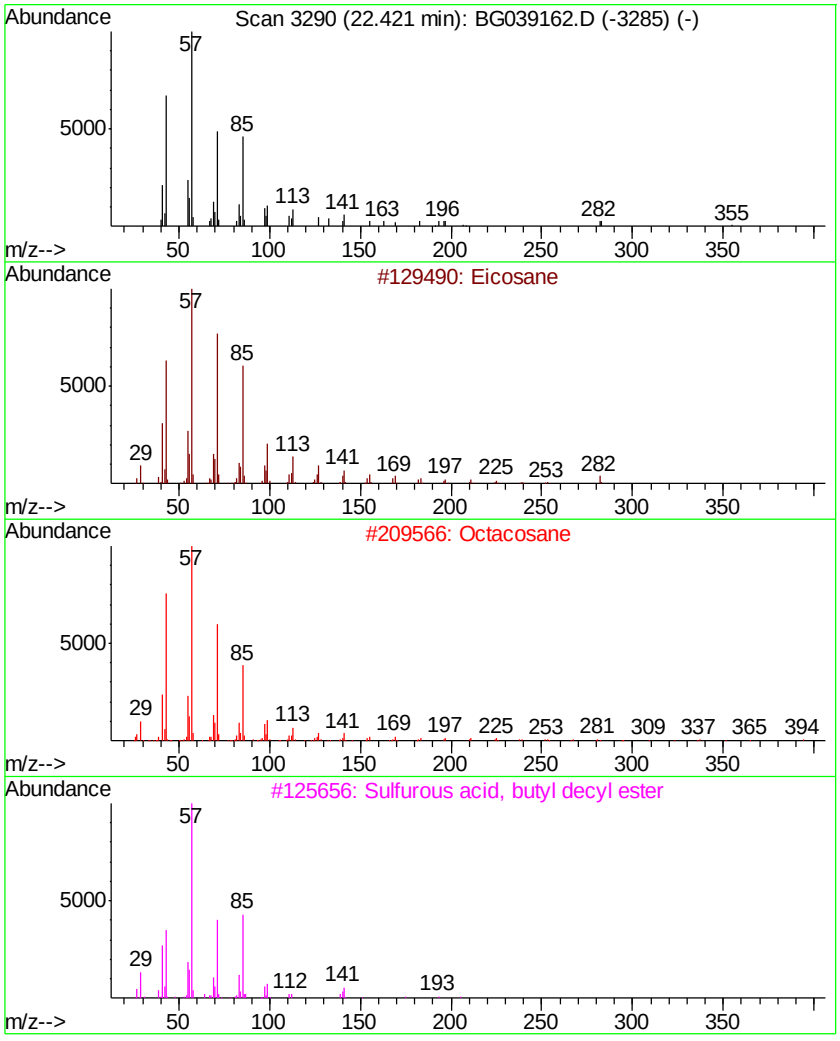
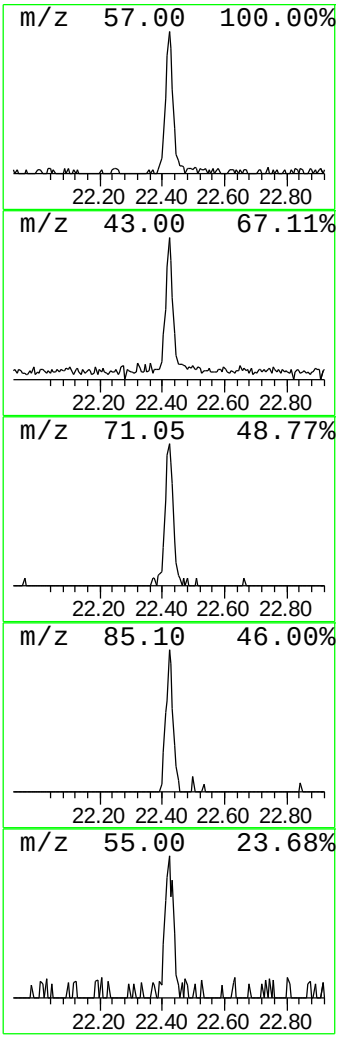
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.18 ng	49490	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octacosane	394	C28H58	000630-02-4	90
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





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Instrument : BNA_G
ClientSampleId : S-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

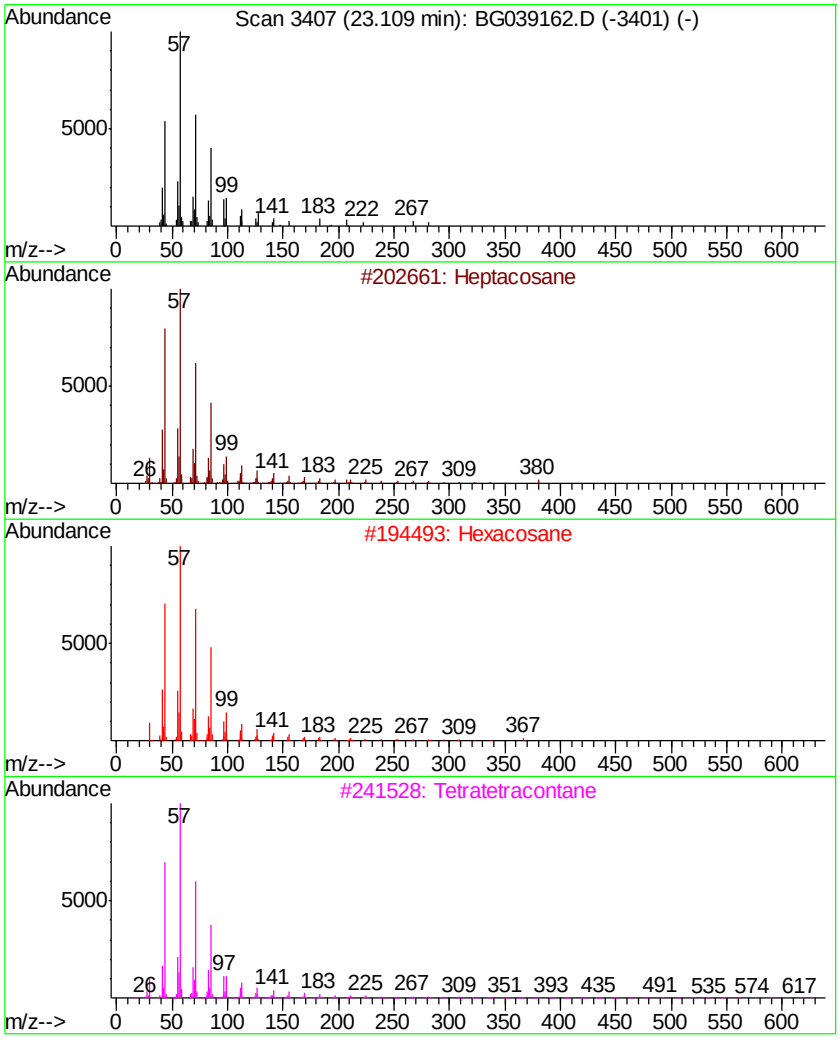
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

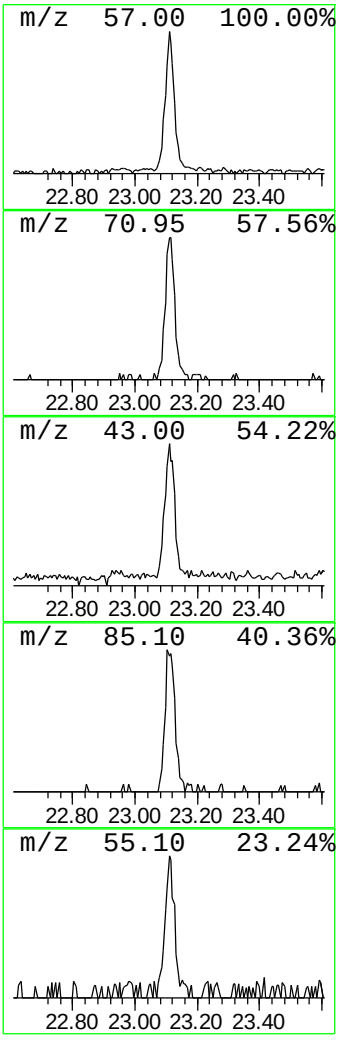
****

Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.53 ng	80181	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	90





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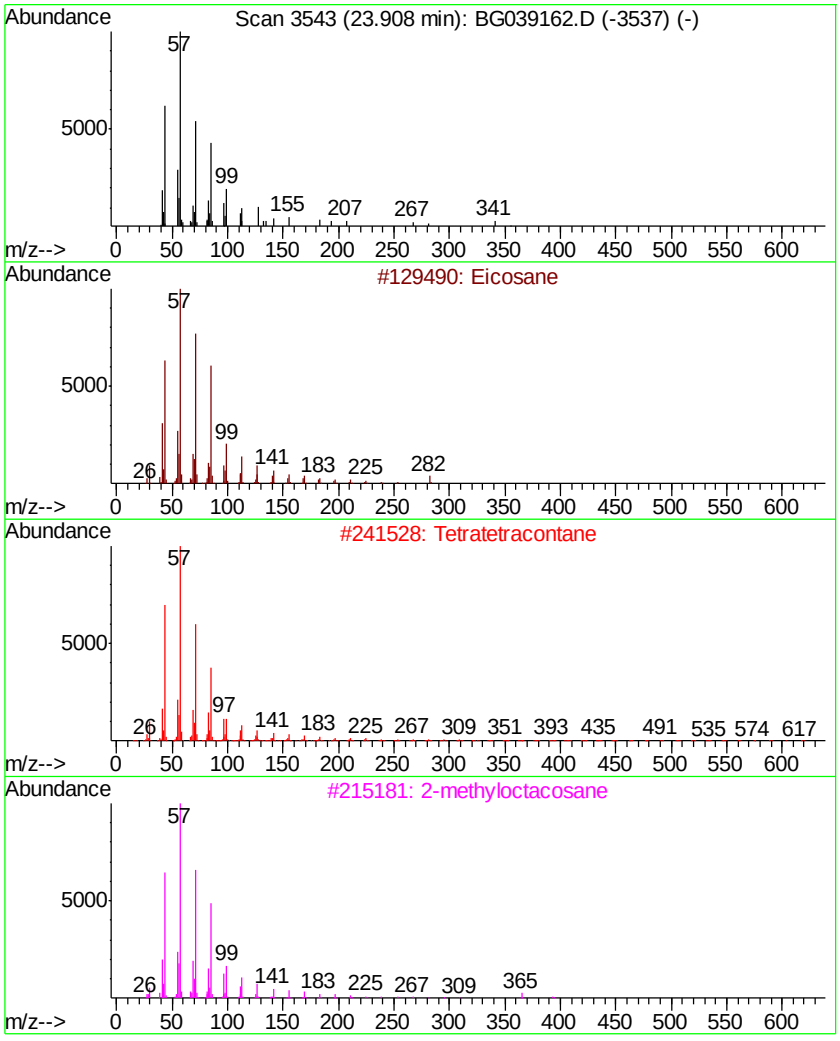
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

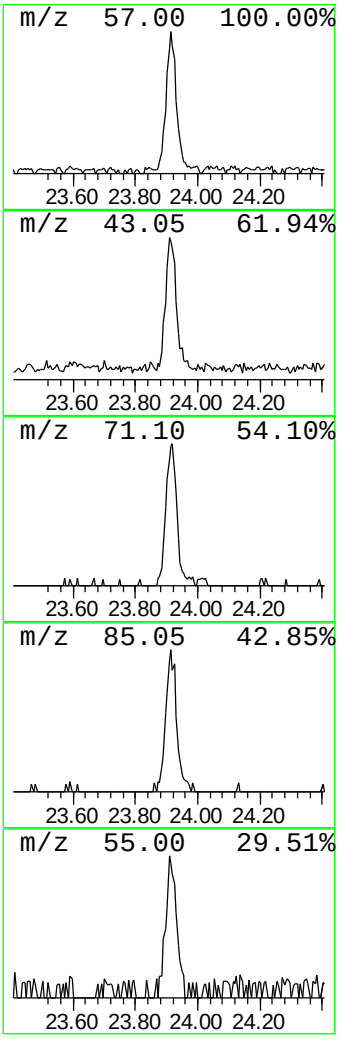
****

Peak Number 8 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.56 ng	69593	Perylene-d12	24.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Pentacosane	352	C25H52	000629-99-2	86
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	86





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...	3.16	8.9	ng	48533	1	8.02	108784	20.0
n-Propyl acetate	3.45	6.6	ng	36129	1	8.02	108784	20.0
2-Pentanone, 4-hy...	5.10	12.4	ng	67698	1	8.02	108784	20.0
unknown7.54	7.54	121.6	ng	661601	1	8.02	108784	20.0
Eicosane	22.42	2.2	ng	49490	5	21.68	454329	20.0
Heptacosane	23.11	3.5	ng	80181	5	21.68	454329	20.0
Tetratetracontane	23.91	2.6	ng	69593	6	24.94	543346	20.0