LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042975.D
Acq On : 1 Oct 2019 20:17
Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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	3.179	9	15	24	rBV	120532	247915	6.16%	1.116%
2	3.256	24	28	45	rVB	104207	179409	4.46%	0.808%
3	5.183	351	356	365	rBV	50925	86899	2.16%	0.391%
4	5.653	429	436	450	rBV	865000	1423055	35.34%	6.408%
5	7.239	698	706	721	rBV	963649	1698415	42.18%	7.648%
6	7.609	760	769	783	rBV	901689	1579926	39.24%	7.114%
7	8.068	840	847	858	rBV	241606	418721	10.40%	1.886%
8	8.397	894	903	911	rBV	667058	1201185	29.83%	5.409%
9	9.231	1036	1045	1056	rBV	535388	1018015	25.28%	4.584%
10	10.876	1318	1325	1335	rBV	293265	547011	13.59%	2.463%
11	13.314	1733	1740	1750	rBV	1422113	2213205	54.97%	9.966%
12	14.137	1875	1880	1890	rBV2	104365	160609	3.99%	0.723%
13	14.689	1967	1974	1985	rBV	533843	840560	20.88%	3.785%
14	16.170	2220	2226	2236	rBV	1374602	2153406	53.48%	9.697%
15	17.433	2434	2441	2449	rBV2	731737	1152359	28.62%	5.189%
16	18.314	2587	2591	2599	rBV4	46430	69008	1.71%	0.311%
17	20.036	2878	2884	2894	rBV	2908292	4026544	100.00%	18.132%
18	21.346	3103	3107	3116	rBV6	88746	218868	5.44%	0.986%
19	21.699	3161	3167	3177	rVB2	847167	1417501	35.20%	6.383%
20	23.179	3415	3419	3422	rBV6	35282	64367	1.60%	0.290%
21	24.924	3706	3716	3730	rBV2	484773	1490337	37.01%	6.711%

Sum of corrected areas: 22207315

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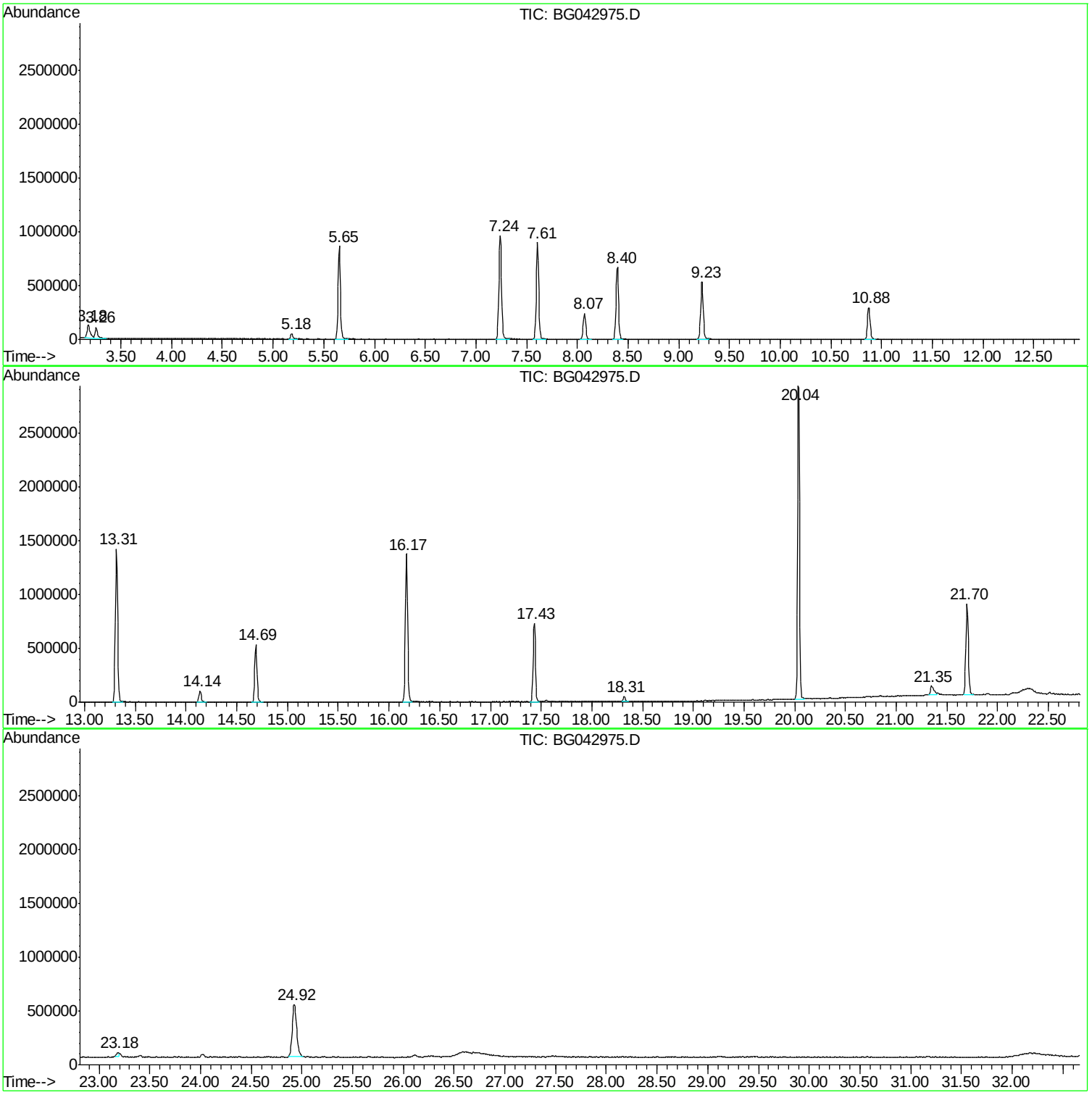
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MC-17-COMPOSITE

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042975.D
Acq On : 1 Oct 2019 20:17
Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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

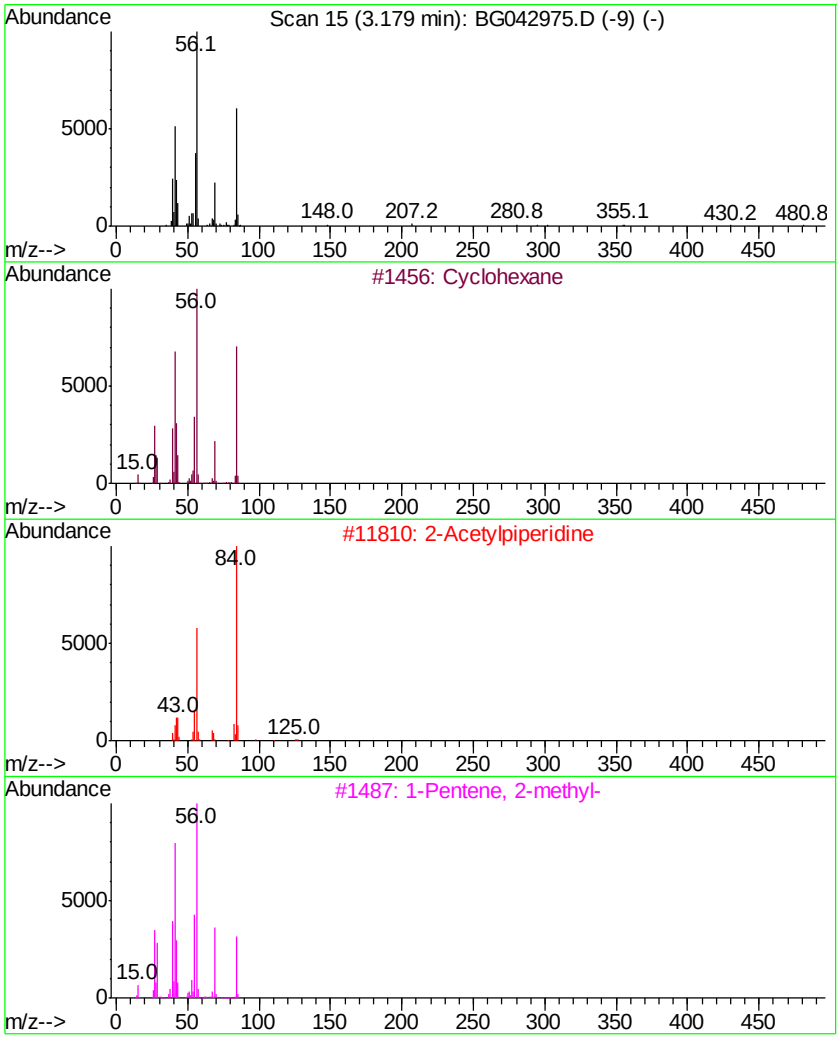
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

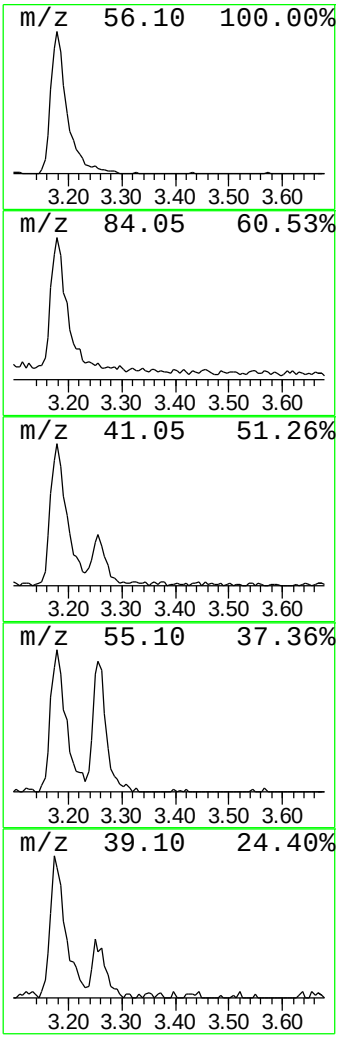
****

Peak Number 1 2-Acetylpiperidine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	11.84 ng	247915	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	2-Acetylpiperidine	127	C7H13NO	097073-22-8	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	1-Hexene	84	C6H12	000592-41-6	50
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042975.D
Acq On : 1 Oct 2019 20:17
Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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

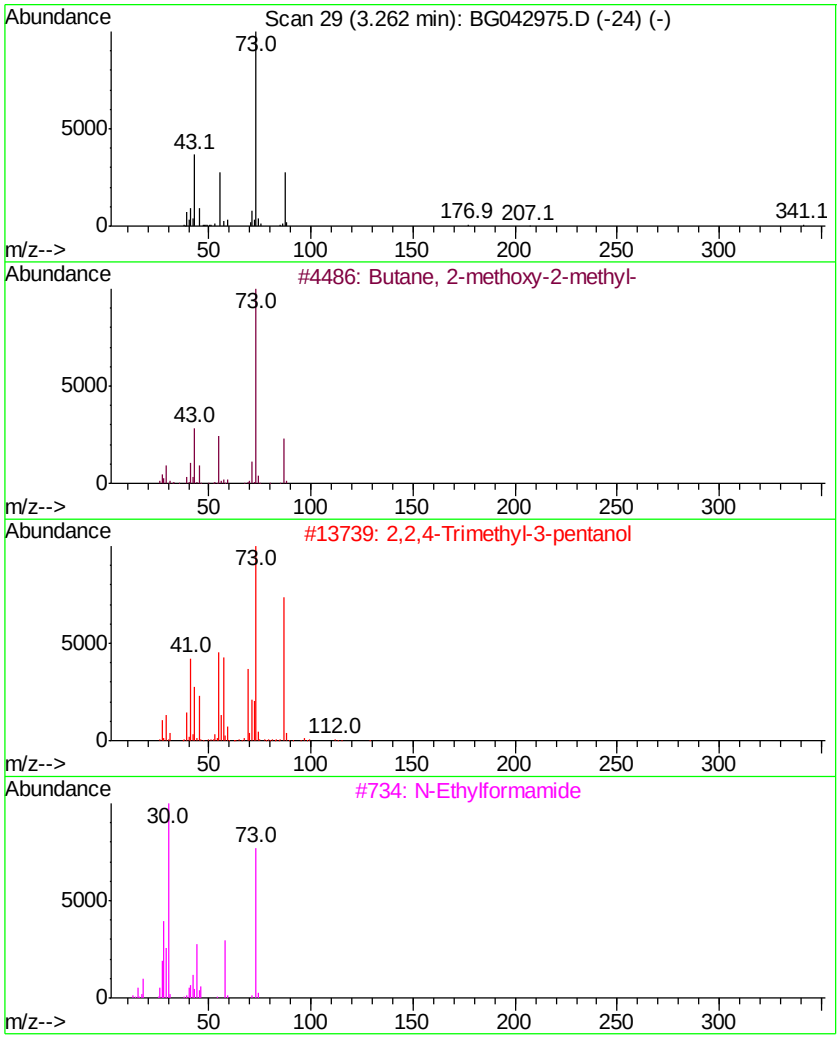
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

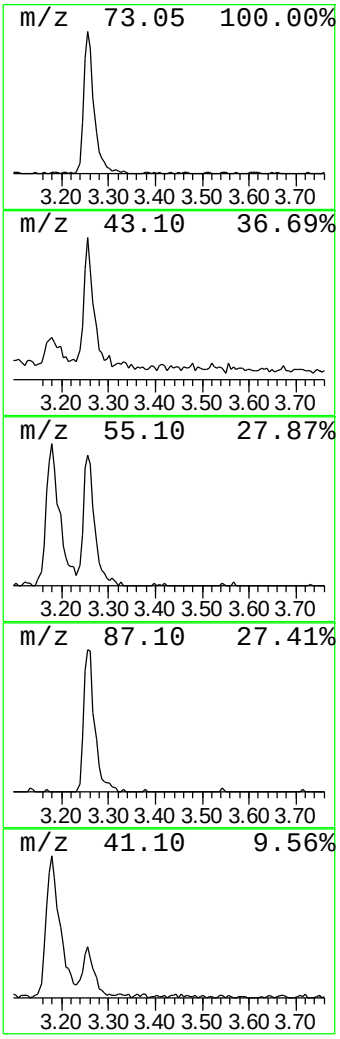
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	8.57 ng	179409	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BG042975.D
Acq On : 1 Oct 2019 20:17
Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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

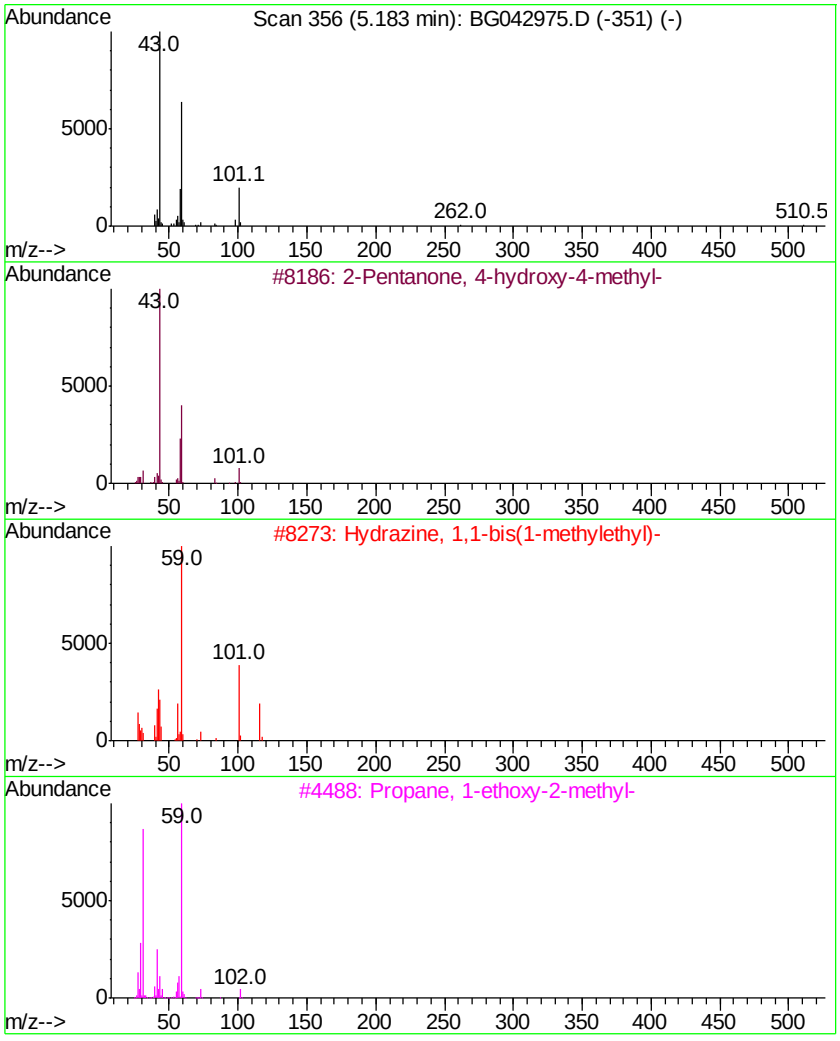
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

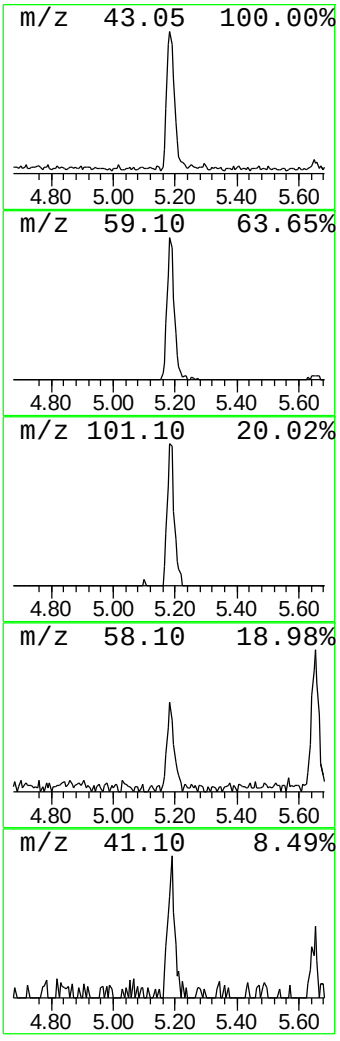
****

Peak Number 3 unknown5.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.15 ng	86899	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
5	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28





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Data File : BG042975.D
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Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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

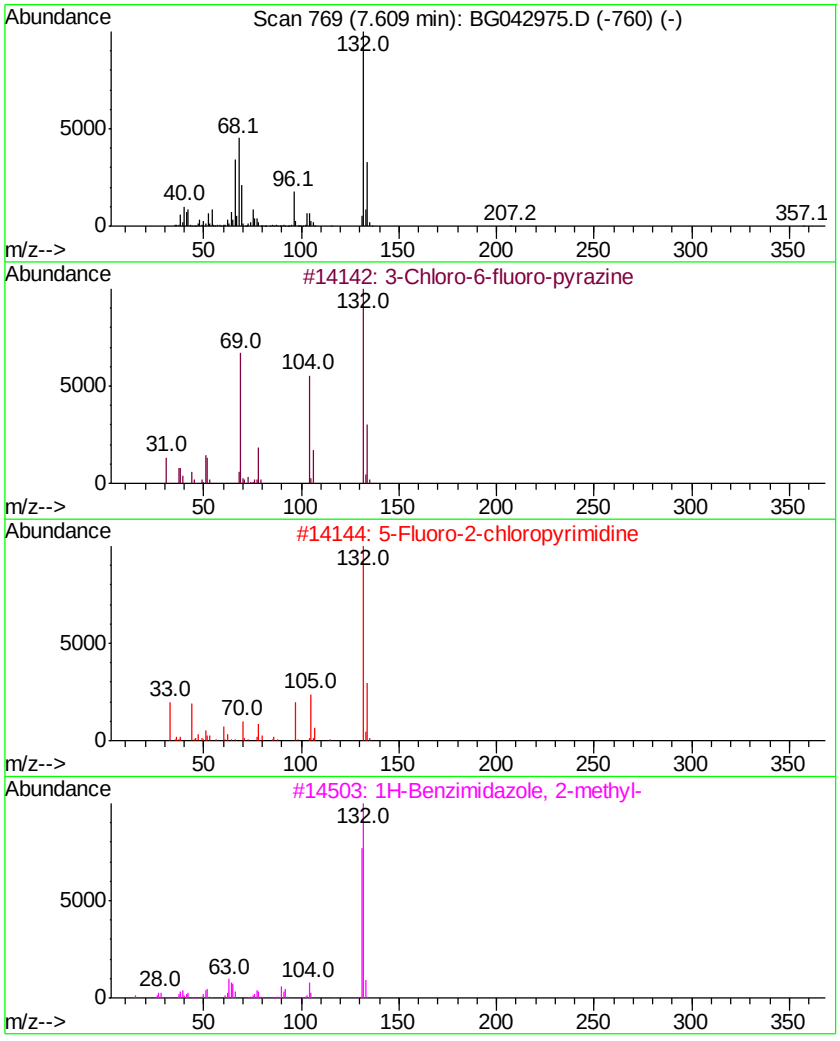
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

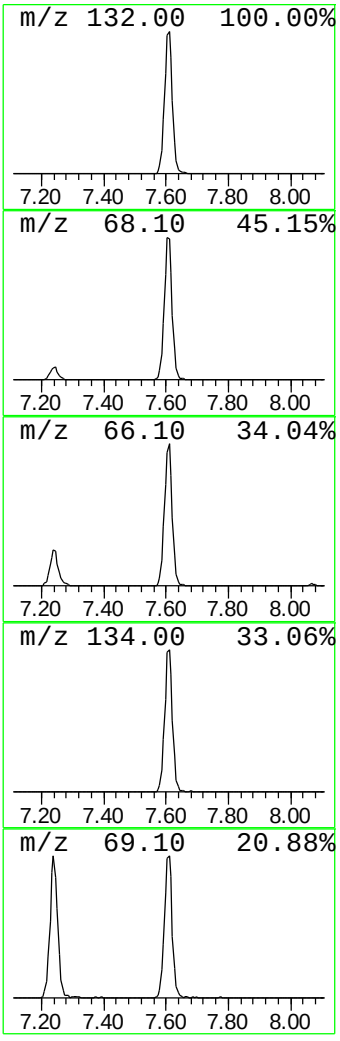
****

Peak Number 4 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	75.46 ng	1579930	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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Data File : BG042975.D
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Operator : JU
Sample : K5094-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MC-17-COMPOSITE

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

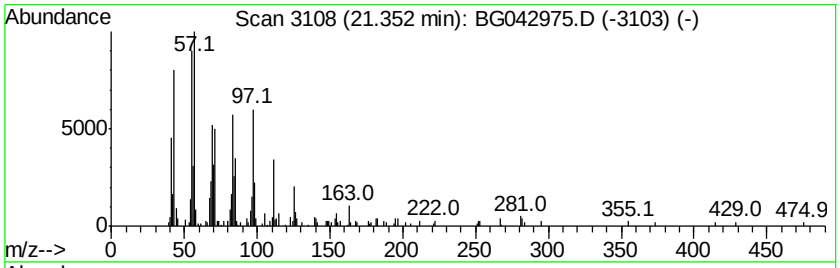
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

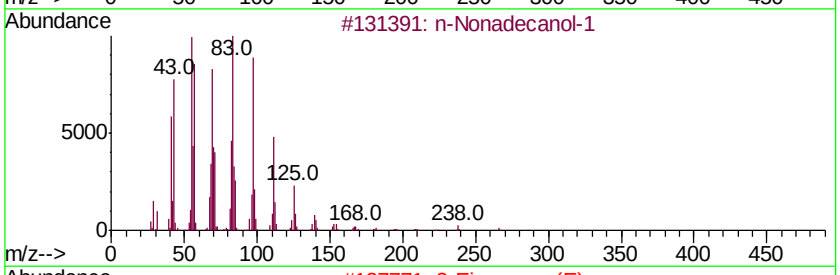
****

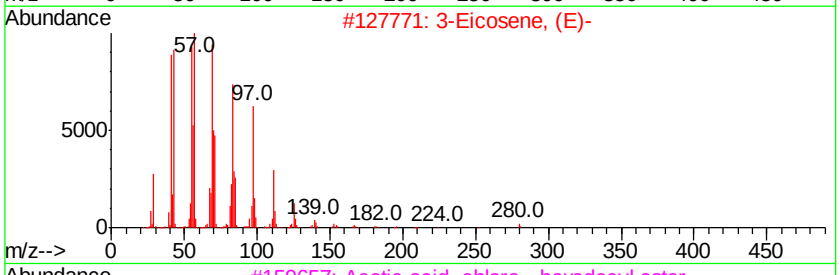
Peak Number 6 n-Nonadecanol-1 Concentration Rank 6

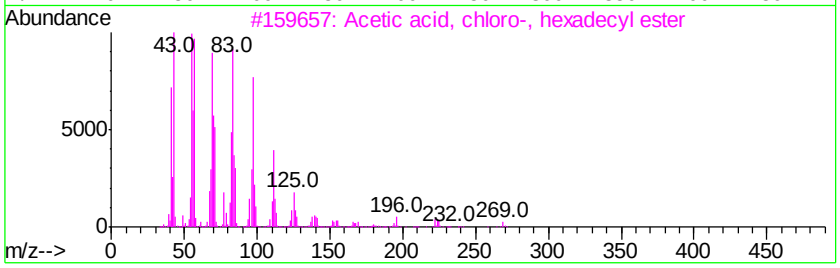
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.09 ng	218868	Chrysene-d12	21.70

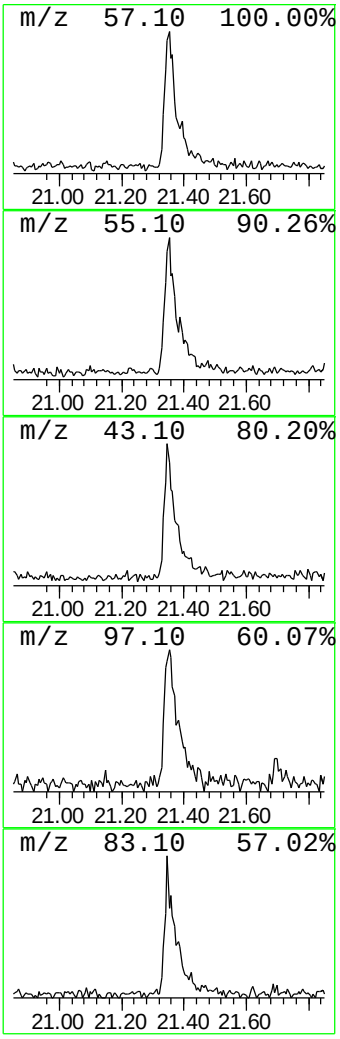
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	81
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	81
5	Heptadecafluorononanoic acid, tr...	646	C22H27F17O2	1000356-02-9	81











Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Acetylpiperidine	3.18	11.8	ng	247915	1	8.07	418721	20.0
Butane, 2-methoxy...	3.26	8.6	ng	179409	1	8.07	418721	20.0
unknown5.18	5.18	4.2	ng	86899	1	8.07	418721	20.0
unknown7.61	7.61	75.5	ng	1579930	1	8.07	418721	20.0
n-Nonadecanol-1	21.35	3.1	ng	218868	5	21.70	1417500	20.0