LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

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:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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	3.481	26	33	43	rBV	138376	272358	8.66%	1.763%
2	3.570	43	48	55	rVB	80789	123375	3.93%	0.799%
3	6.290	505	511	523	rBV	167368	373062	11.87%	2.415%
4	7.982	792	799	814	rBV2	89187	255891	8.14%	1.657%
5	8.376	858	866	887	rBV	392535	884754	28.15%	5.728%
6	8.863	942	949	965	rBV2	83338	207779	6.61%	1.345%
7	9.192	996	1005	1024	rBV	418669	887465	28.23%	5.746%
8	10.062	1143	1153	1175	rBV	326952	783557	24.93%	5.073%
9	11.742	1432	1439	1450	rBV	150259	328455	10.45%	2.126%
10	14.104	1834	1841	1853	rBV	1255842	2191858	69.73%	14.190%
11	14.897	1971	1976	1981	rBV2	98242	152172	4.84%	0.985%
12	14.962	1981	1987	1991	rVV6	40811	65847	2.09%	0.426%
13	15.209	2025	2029	2034	rVB7	45063	62811	2.00%	0.407%
14	15.303	2040	2045	2050	rVB4	82256	132857	4.23%	0.860%
15	15.479	2065	2075	2082	rBV4	320959	701493	22.32%	4.542%
16	15.914	2146	2149	2153	rBV3	39896	52028	1.66%	0.337%
17	16.249	2201	2206	2211	rVB3	144776	231108	7.35%	1.496%
18	16.954	2320	2326	2333	rBV	1099693	1867185	59.40%	12.088%
19	17.124	2351	2355	2358	rBV2	140170	183333	5.83%	1.187%
20	18.211	2536	2540	2551	rVB2	411695	737123	23.45%	4.772%
21	20.732	2964	2969	2976	rVB	2336445	3143218	100.00%	20.349%
22	22.066	3193	3196	3205	rVB3	85790	165222	5.26%	1.070%
23	22.553	3273	3279	3289	rVB2	418188	813721	25.89%	5.268%
24	26.319	3909	3920	3939	rVB2	241250	829574	26.39%	5.371%

Sum of corrected areas: 15446246

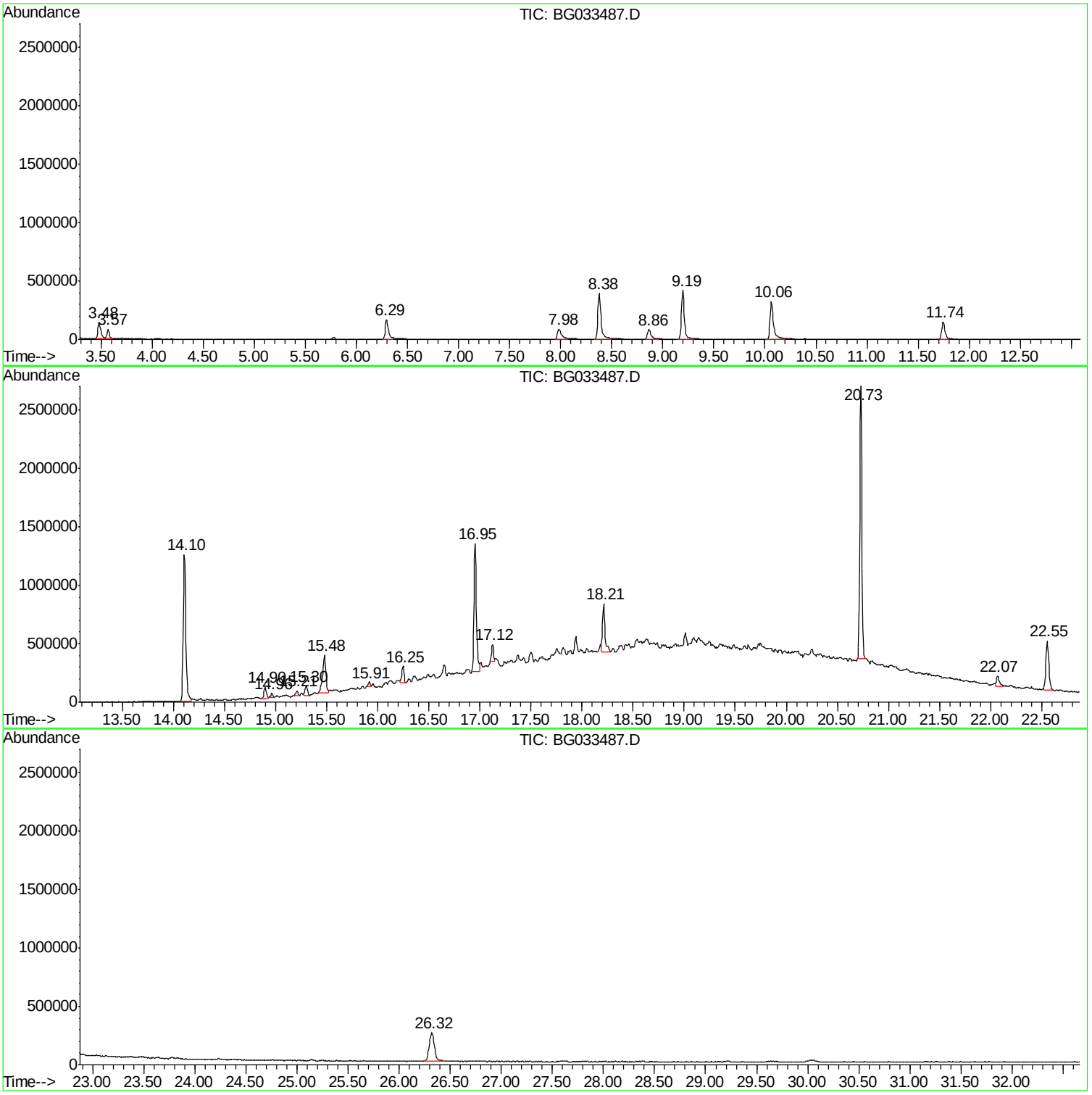
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

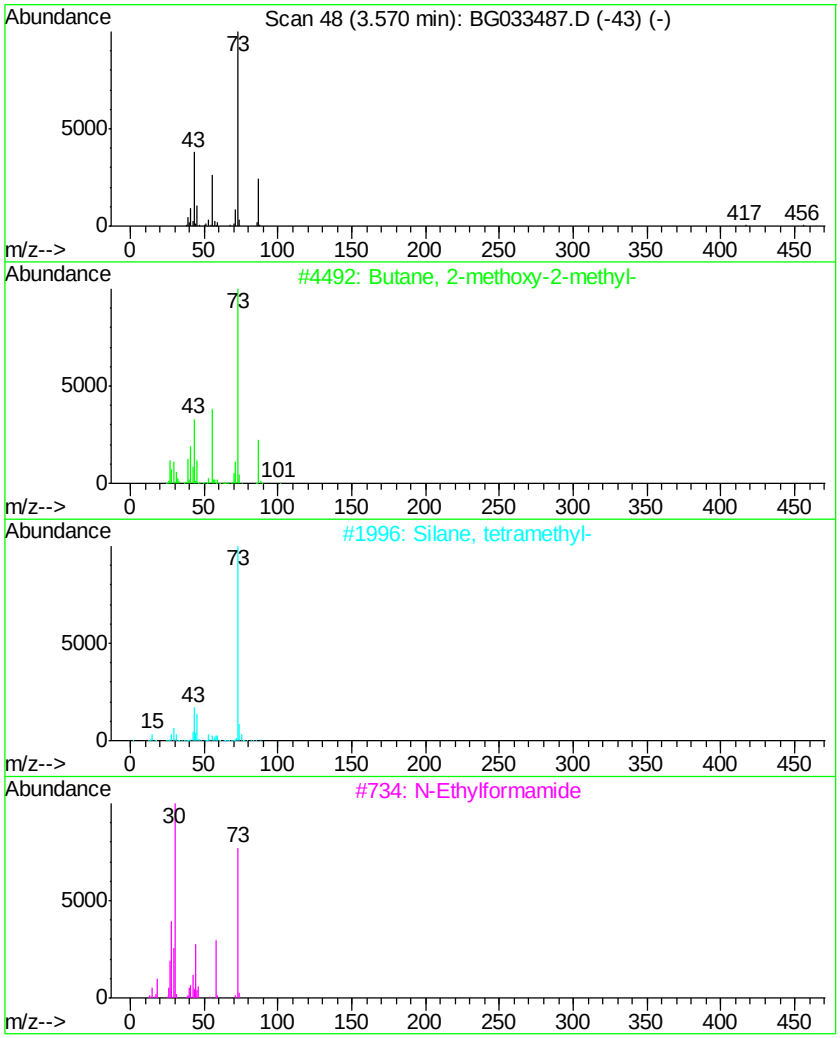
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

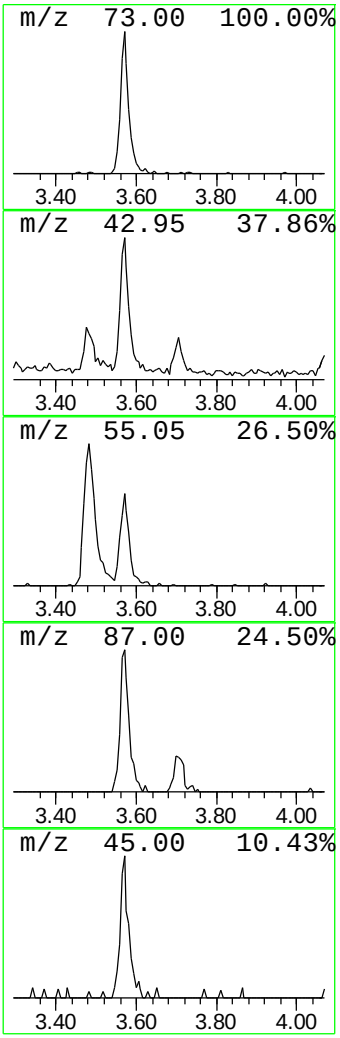
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	11.88 ng	123375	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

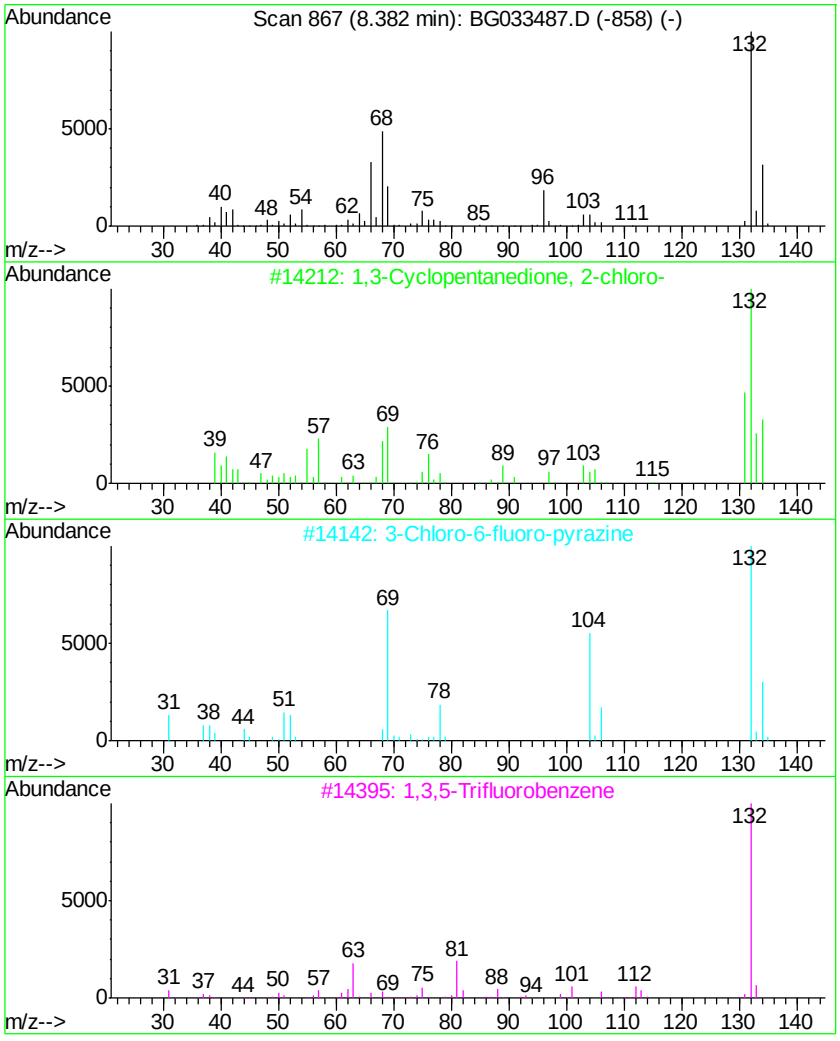
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

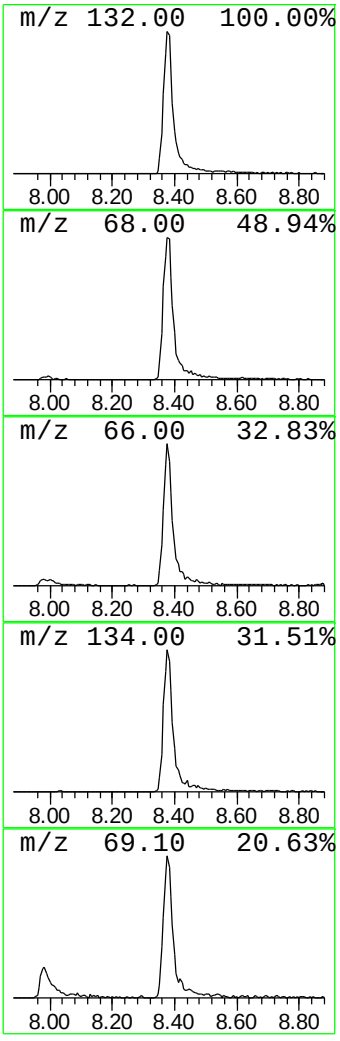
****

Peak Number 3 unknown8.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	85.16 ng	884754	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Library Search Compound Report

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Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

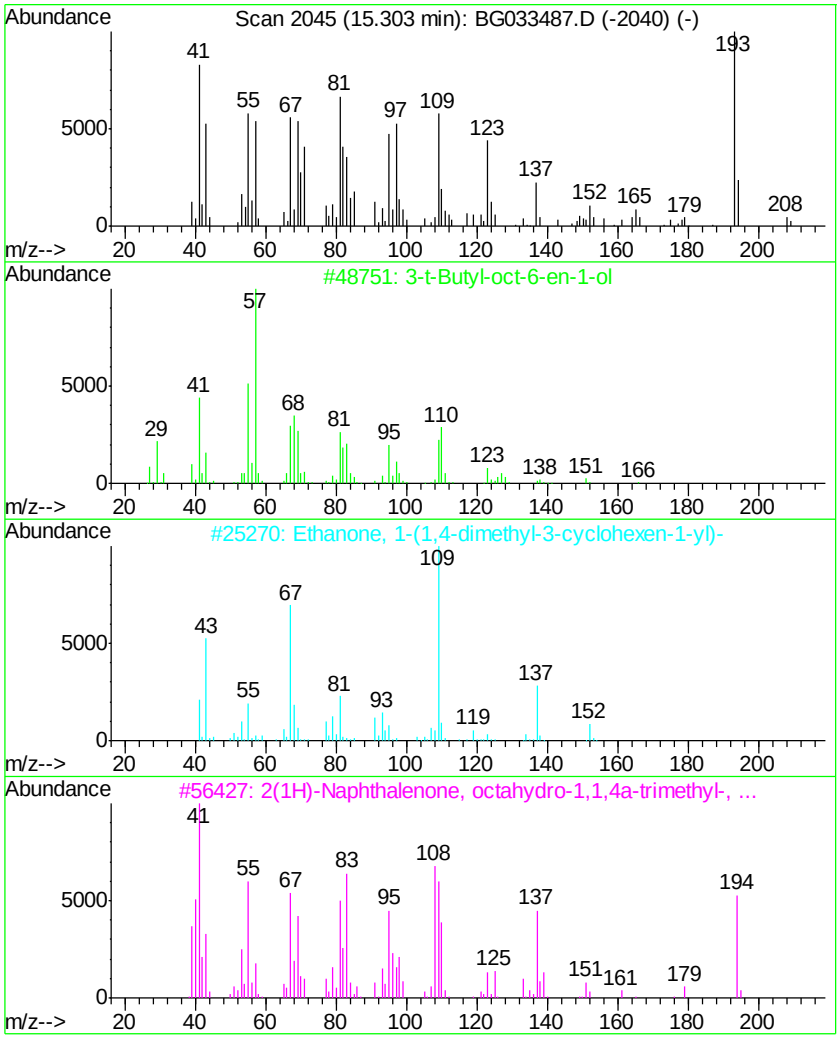
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

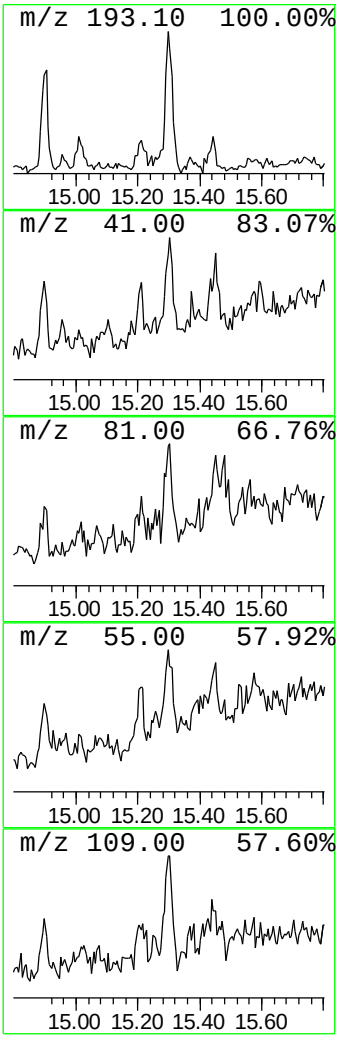
****

Peak Number 5 unknown15.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.79 ng	132857	Acenaphthene-d10	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-t-Butyl-oct-6-en-1-ol	184	C12H24O	1000185-34-1	27
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25
3	2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	25
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	25
5	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	22





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

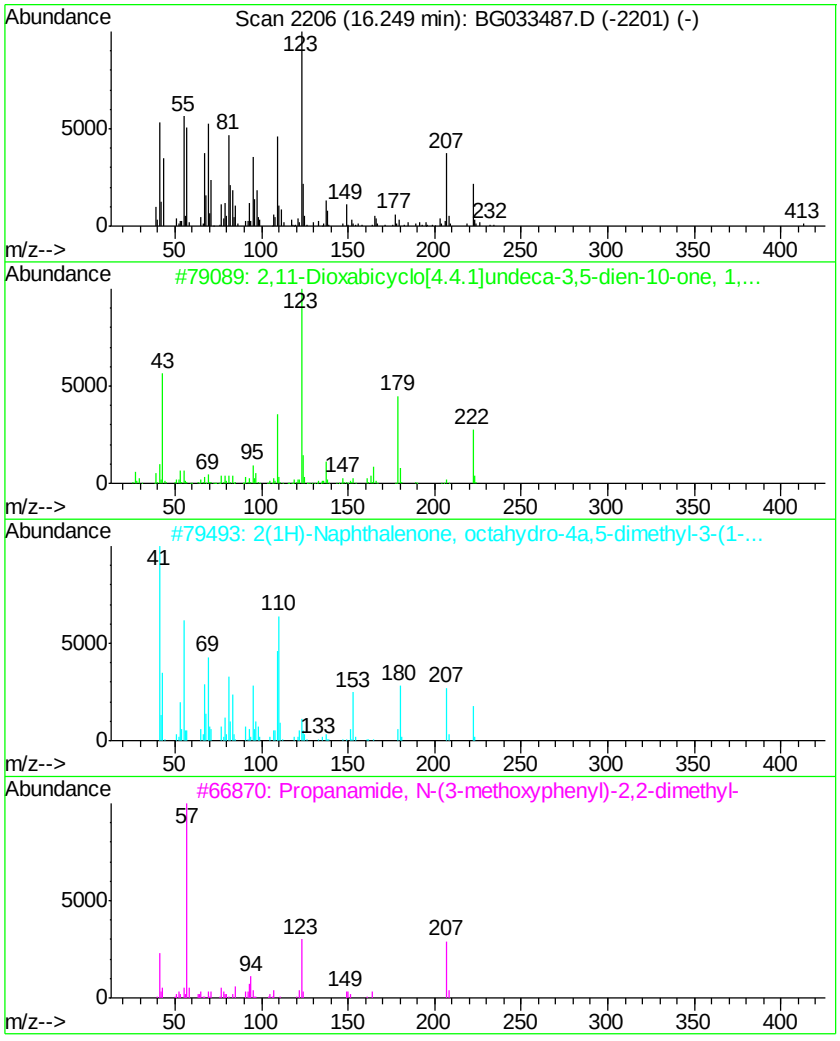
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

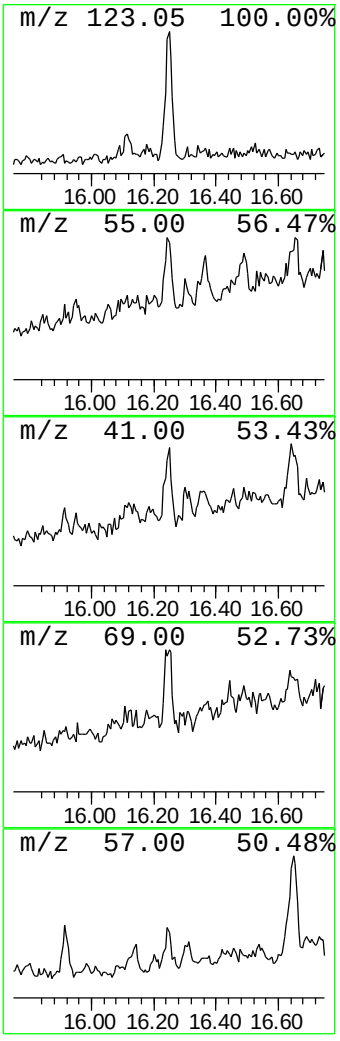
****

Peak Number 6 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	6.59 ng	231108	Acenaphthene-d10	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	58
2	2(1H)-Naphthalenone, octahydro-4...	222	C15H26O	055332-04-2	43
3	Propanamide, N-(3-methoxyphenyl)...	207	C12H17NO2	056619-93-3	43
4	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	38
5	photocitral A	152	C10H16O	055253-28-6	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
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Operator : SJ/JU
Sample : J2103-09
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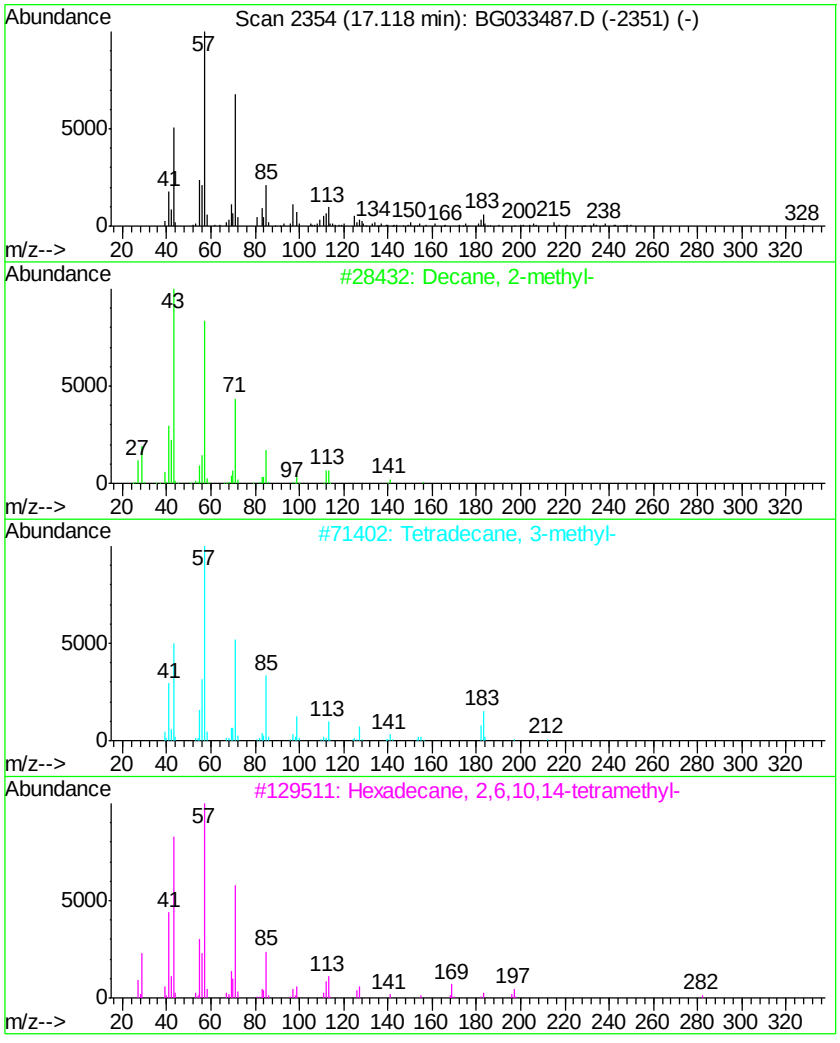
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

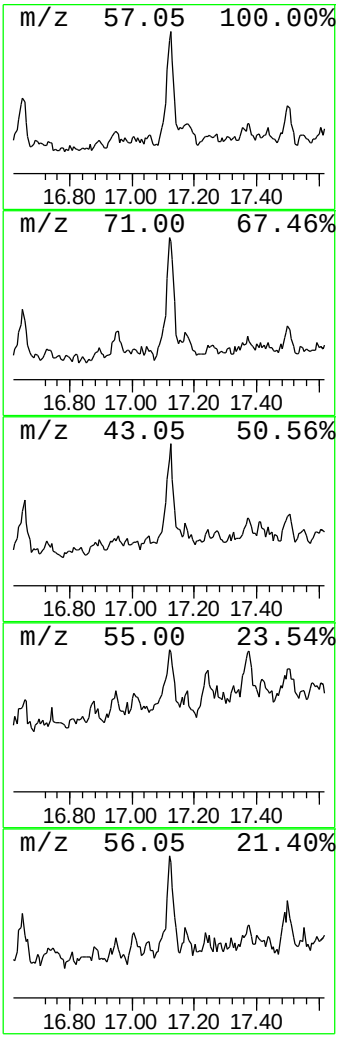
****

Peak Number 7 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	4.97 ng	183333	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	76
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Decane, 3-methyl-	156	C11H24	013151-34-3	62
5	Heptacosane	380	C27H56	000593-49-7	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033487.D
Acq On : 2 Apr 2018 15:01
Operator : SJ/JU
Sample : J2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

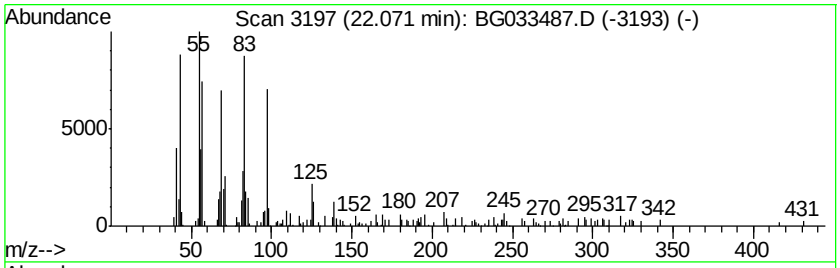
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

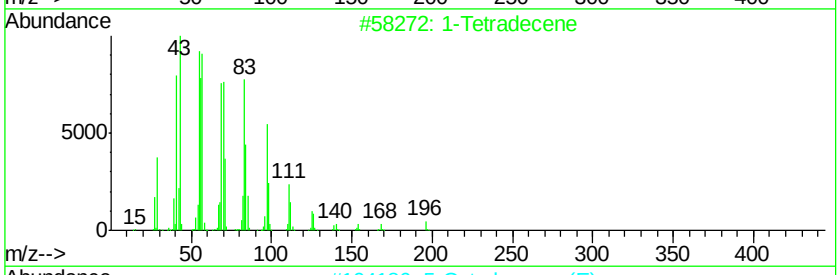
****

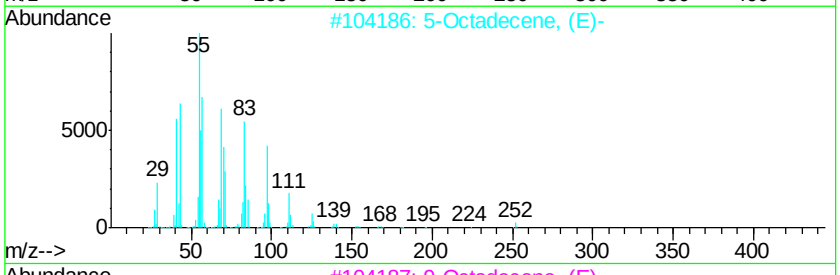
Peak Number 8 1-Tetradecene Concentration Rank 7

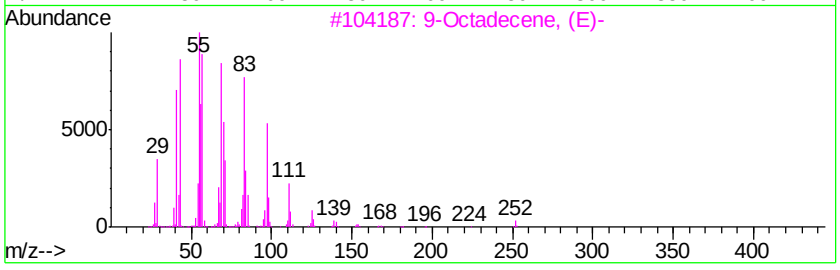
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	4.06 ng	165222	Chrysene-d12	22.55

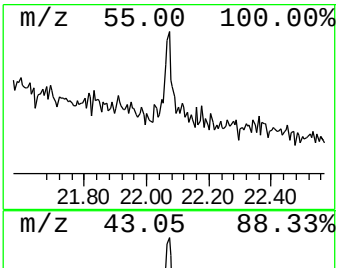
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	87
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	83
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	78
4	1-Docosene	308	C22H44	001599-67-3	64
5	1-Octadecene	252	C18H36	000112-88-9	60

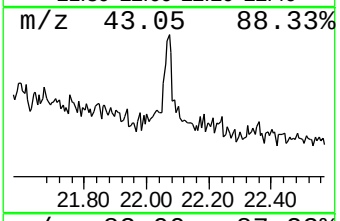


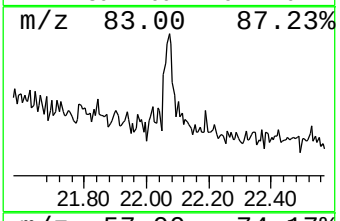


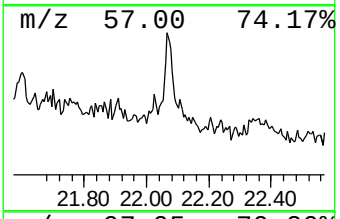


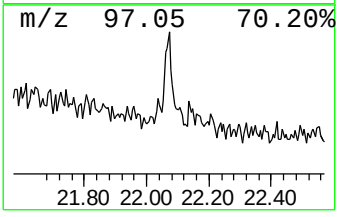












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	11.9	ng	123375	1	8.86	207779	20.0
unknown8.38	8.38	85.2	ng	884754	1	8.86	207779	20.0
unknown15.30	15.30	3.8	ng	132857	3	15.48	701493	20.0
2,11-Dioxabicyclo...	16.25	6.6	ng	231108	3	15.48	701493	20.0
Decane, 2-methyl-	17.12	5.0	ng	183333	4	18.21	737123	20.0
1-Tetradecene	22.07	4.1	ng	165222	5	22.55	813721	20.0