LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

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-BG011218.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	3.406	14	20	31	rBV2	33491	76291	2.28%	0.471%
2	3.500	31	36	44	rVB	28001	45293	1.35%	0.280%
3	5.685	401	408	418	rBV	30620	50847	1.52%	0.314%
4	6.191	485	494	508	rBV	559798	966381	28.85%	5.970%
5	7.871	771	780	793	rBV	578650	1066506	31.84%	6.588%
6	8.276	841	849	860	rBV	589746	1081499	32.28%	6.681%
7	8.764	924	932	942	rBB	129628	234603	7.00%	1.449%
8	9.105	981	990	1001	rBV	451485	862472	25.75%	5.328%
9	9.963	1126	1136	1145	rBV	318464	602999	18.00%	3.725%
10	11.649	1415	1423	1431	rBV	171957	327118	9.77%	2.021%
11	14.023	1819	1827	1838	rBV	1154740	1854725	55.37%	11.457%
12	14.822	1957	1963	1969	rBV	131197	199396	5.95%	1.232%
13	15.397	2051	2061	2070	rBV2	316475	531618	15.87%	3.284%
14	16.179	2188	2194	2199	rVB	31774	41424	1.24%	0.256%
15	16.872	2305	2312	2325	rBV	1110360	1789087	53.41%	11.052%
16	17.037	2334	2340	2349	rBV	25688	43734	1.31%	0.270%
17	18.129	2519	2526	2537	rBV2	500335	780370	23.30%	4.821%
18	18.946	2656	2665	2671	rBV3	64436	99258	2.96%	0.613%
19	20.180	2871	2875	2883	rBV4	21962	38201	1.14%	0.236%
20	20.662	2951	2957	2971	rBV	2412543	3349885	100.00%	20.693%
21	22.001	3179	3185	3195	rBV	74758	134355	4.01%	0.830%
22	22.466	3256	3264	3276	rBV	530187	1002424	29.92%	6.192%
23	26.179	3883	3896	3911	rBV2	308441	1009914	30.15%	6.239%

Sum of corrected areas: 16188400

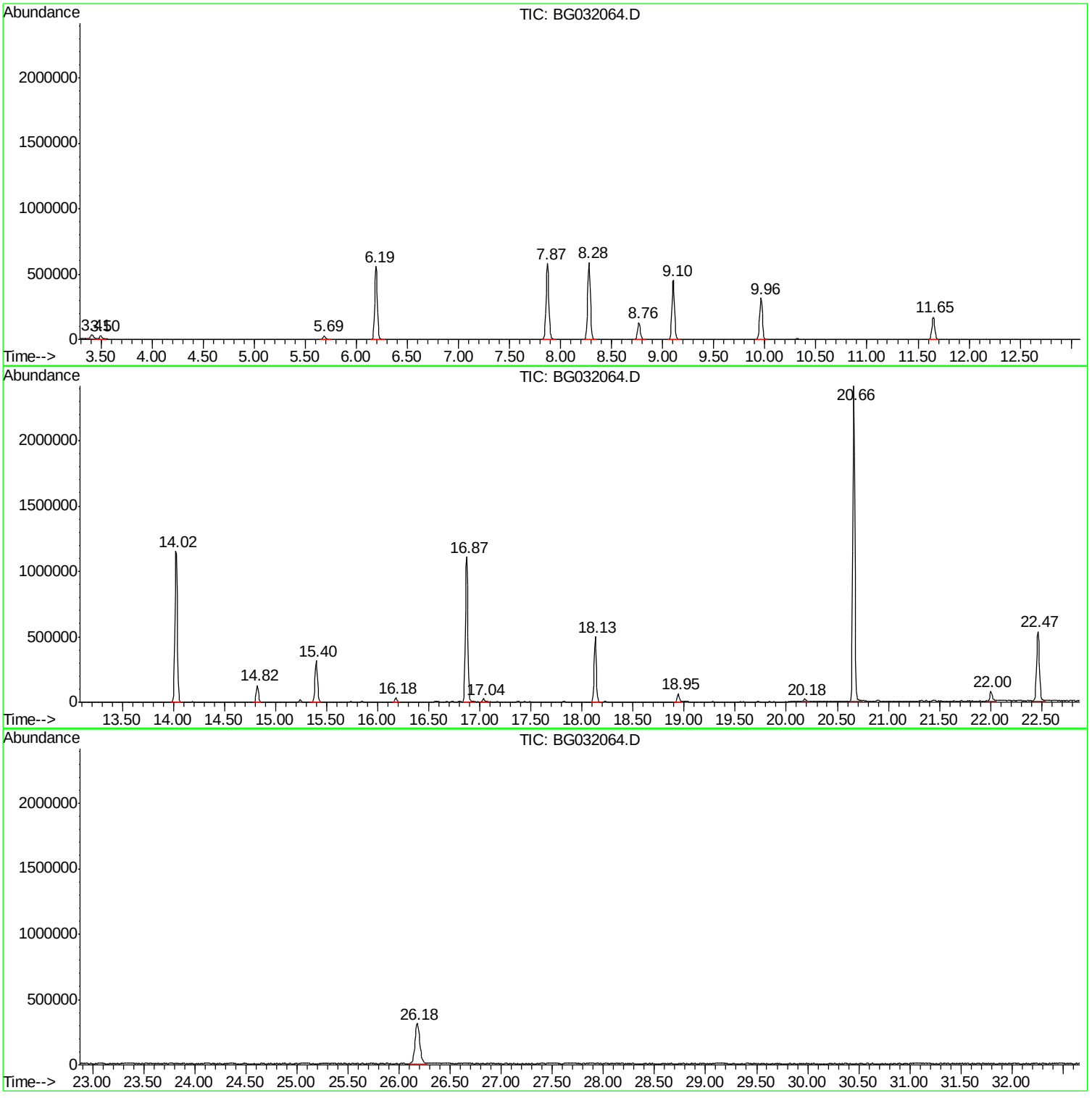
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

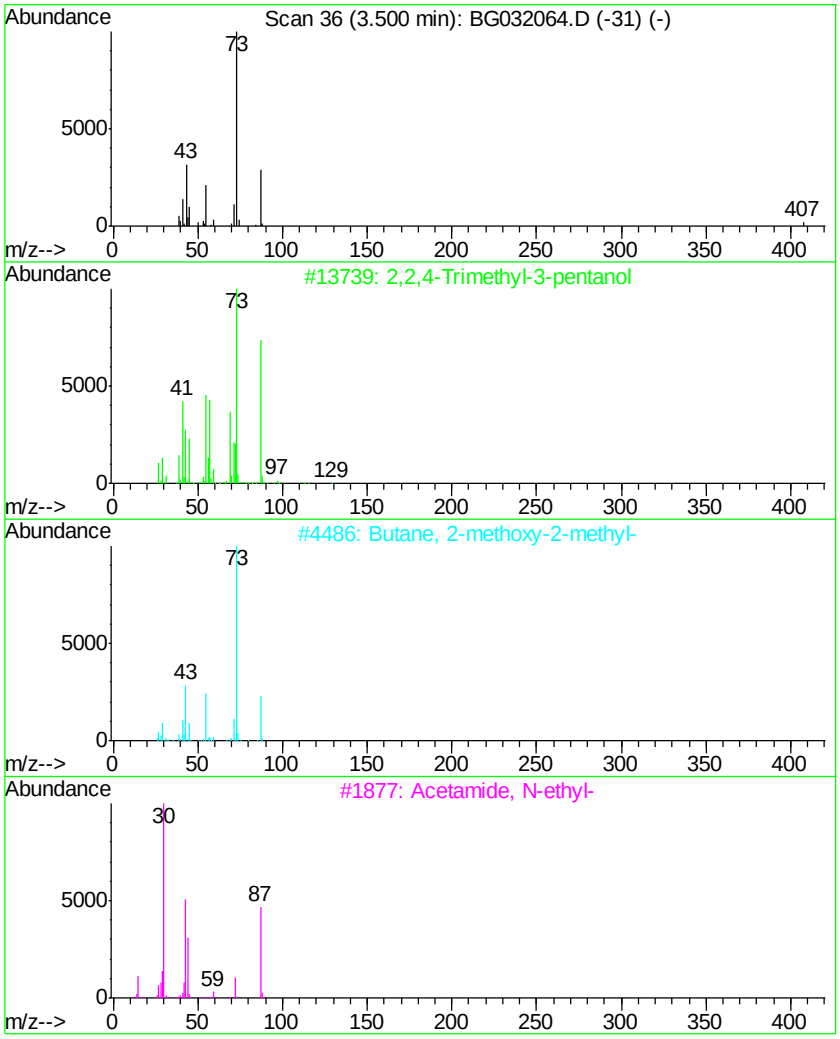
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

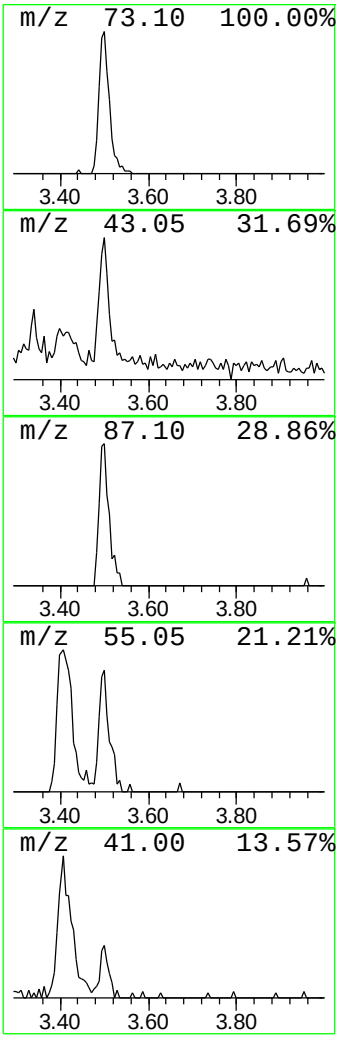
****

Peak Number 2 2,2,4-Trimethyl-3-pentanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	3.86 ng	45293	1,4-Dichlorobenzene-d4	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

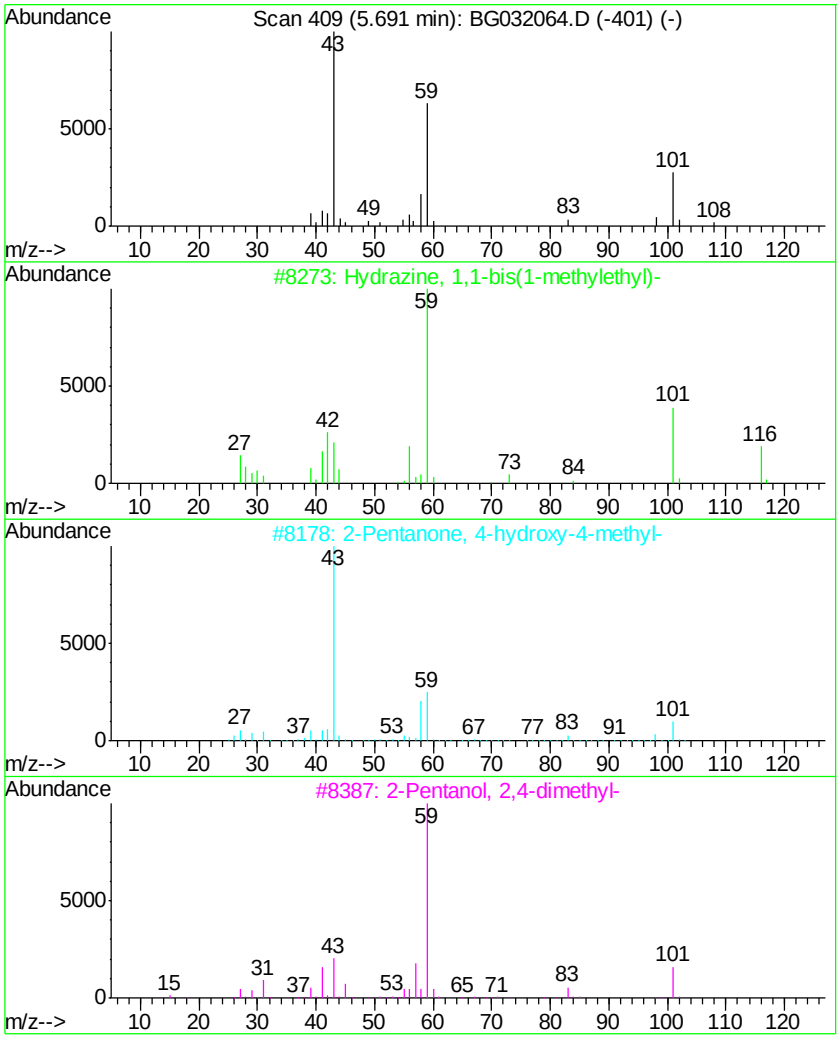
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

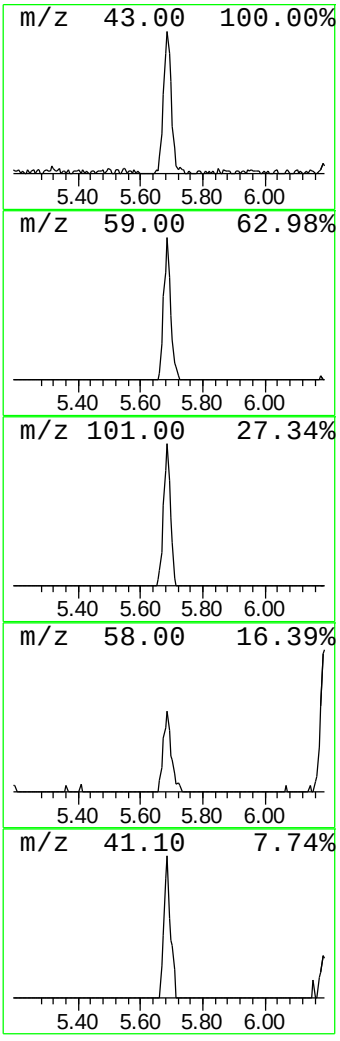
****

Peak Number 3 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	4.33 ng	50847	1,4-Dichlorobenzene-d4	8.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	45
4	Dimethadione	129	C5H7NO3	000695-53-4	36
5	Butanoic acid, 3-hydroxy-3-methyl-	118	C5H10O3	000625-08-1	36





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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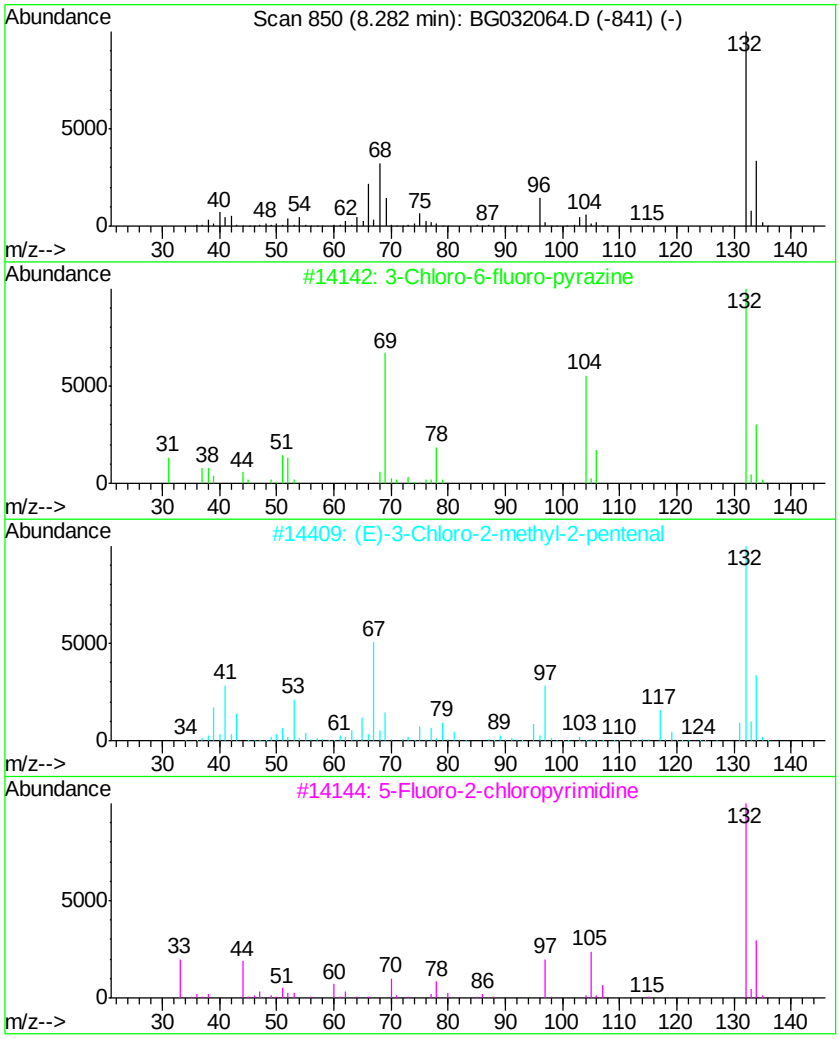
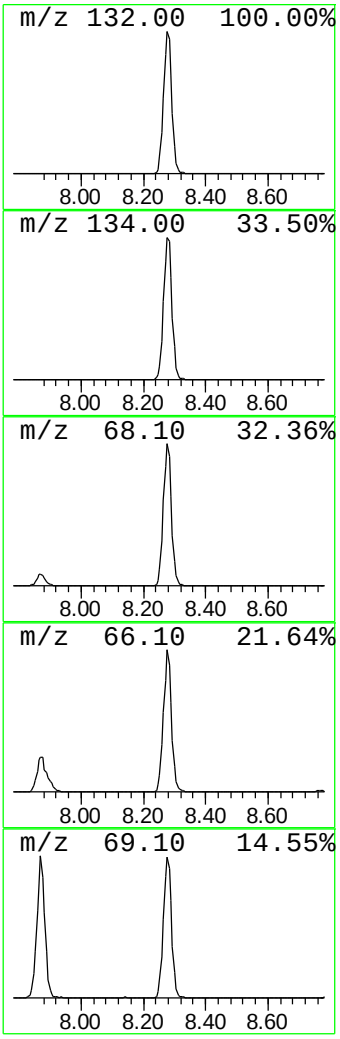
Peak Number 4 unknown8.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	92.20 ng	1081500	1,4-Dichlorobenzene-d4	8.76

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BG032064.D
Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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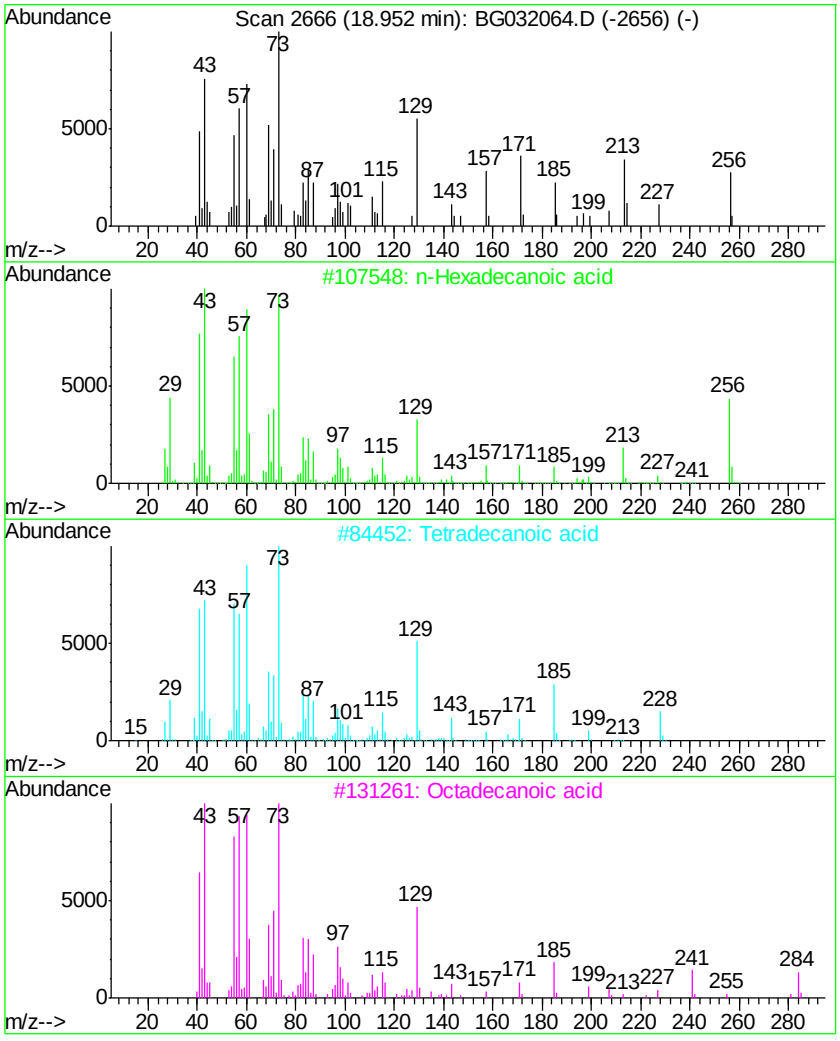
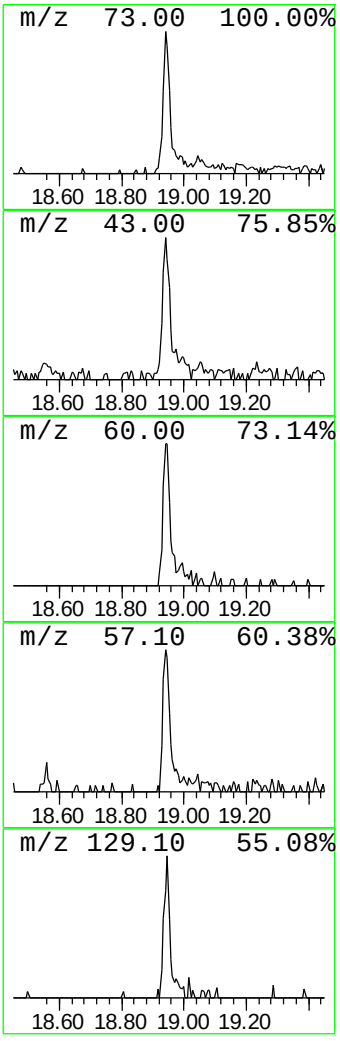
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.54 ng	99258	Phenanthrene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Octadecanoic acid	284	C18H36O2	000057-11-4	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





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Acq On : 16 Jan 2018 11:43
Operator : SJ/JU
Sample : J1123-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

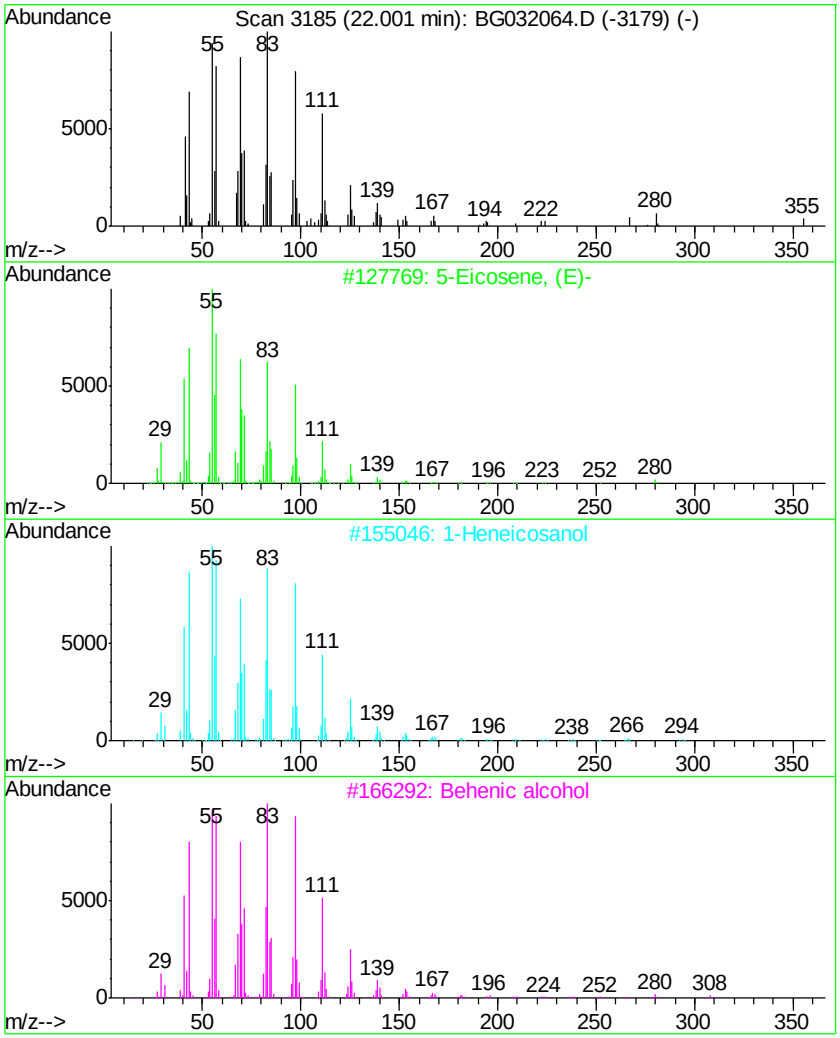
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

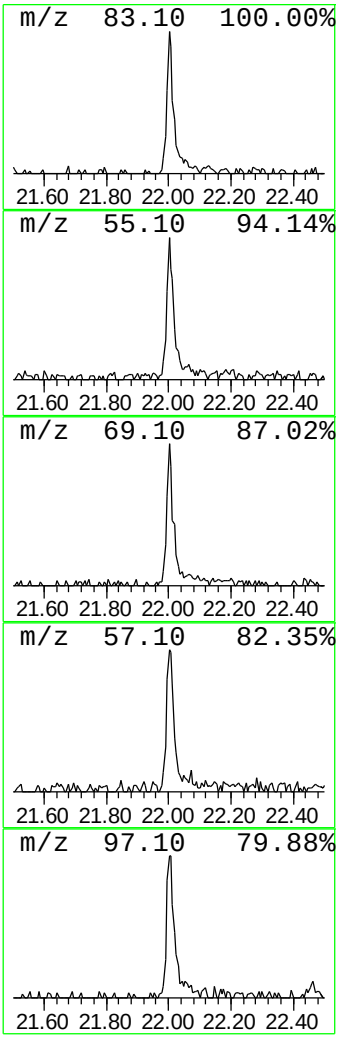
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.68 ng	134355	Chrysene-d12	22.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	Behenic alcohol	326	C22H46O	000661-19-8	76
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	68





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
ClientSampleId : B-4(20)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
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
2,2,4-Trimethyl-3...	3.50	3.9	ng	45293	1	8.76	234603	20.0
Hydrazine, 1,1-bi...	5.69	4.3	ng	50847	1	8.76	234603	20.0
unknown8.28	8.28	92.2	ng	1081500	1	8.76	234603	20.0
n-Hexadecanoic acid	18.95	2.5	ng	99258	4	18.13	780370	20.0
5-Eicosene, (E)-	22.00	2.7	ng	134355	5	22.47	1002420	20.0