LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

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-BG122117.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	3.418	16	22	33	rBV	45685	92108	2.19%	0.488%
2	3.507	33	37	46	rVB	29559	43787	1.04%	0.232%
3	5.704	403	411	419	rBV	58742	100826	2.40%	0.534%
4	6.209	489	497	507	rBV	664337	1133383	27.00%	6.006%
5	7.890	774	783	798	rBV	666090	1265283	30.14%	6.705%
6	8.295	845	852	863	rVB	701113	1265004	30.14%	6.704%
7	8.783	928	935	946	rVB	124654	227869	5.43%	1.208%
8	9.124	985	993	1003	rBV	506242	955452	22.76%	5.063%
9	9.981	1131	1139	1150	rBV	383226	704142	16.78%	3.732%
10	11.668	1418	1426	1434	rBV	174419	333108	7.94%	1.765%
11	14.041	1822	1830	1839	rBV	1333807	2193540	52.26%	11.624%
12	14.840	1960	1966	1973	rBV	130614	195362	4.65%	1.035%
13	15.416	2057	2064	2075	rVB2	344456	567986	13.53%	3.010%
14	16.891	2308	2315	2323	rBV	1520444	2355895	56.13%	12.485%
15	18.148	2522	2529	2539	rVB2	545590	853210	20.33%	4.522%
16	18.965	2663	2668	2678	rBV2	74063	117714	2.80%	0.624%
17	20.199	2874	2878	2883	rBV4	45490	66380	1.58%	0.352%
18	20.681	2954	2960	2971	rBV	2965794	4197347	100.00%	22.243%
19	22.032	3185	3190	3196	rBV2	57049	90412	2.15%	0.479%
20	22.490	3261	3268	3277	rVB2	597414	1081171	25.76%	5.730%
21	26.233	3892	3905	3919	rBV2	319228	1030053	24.54%	5.459%

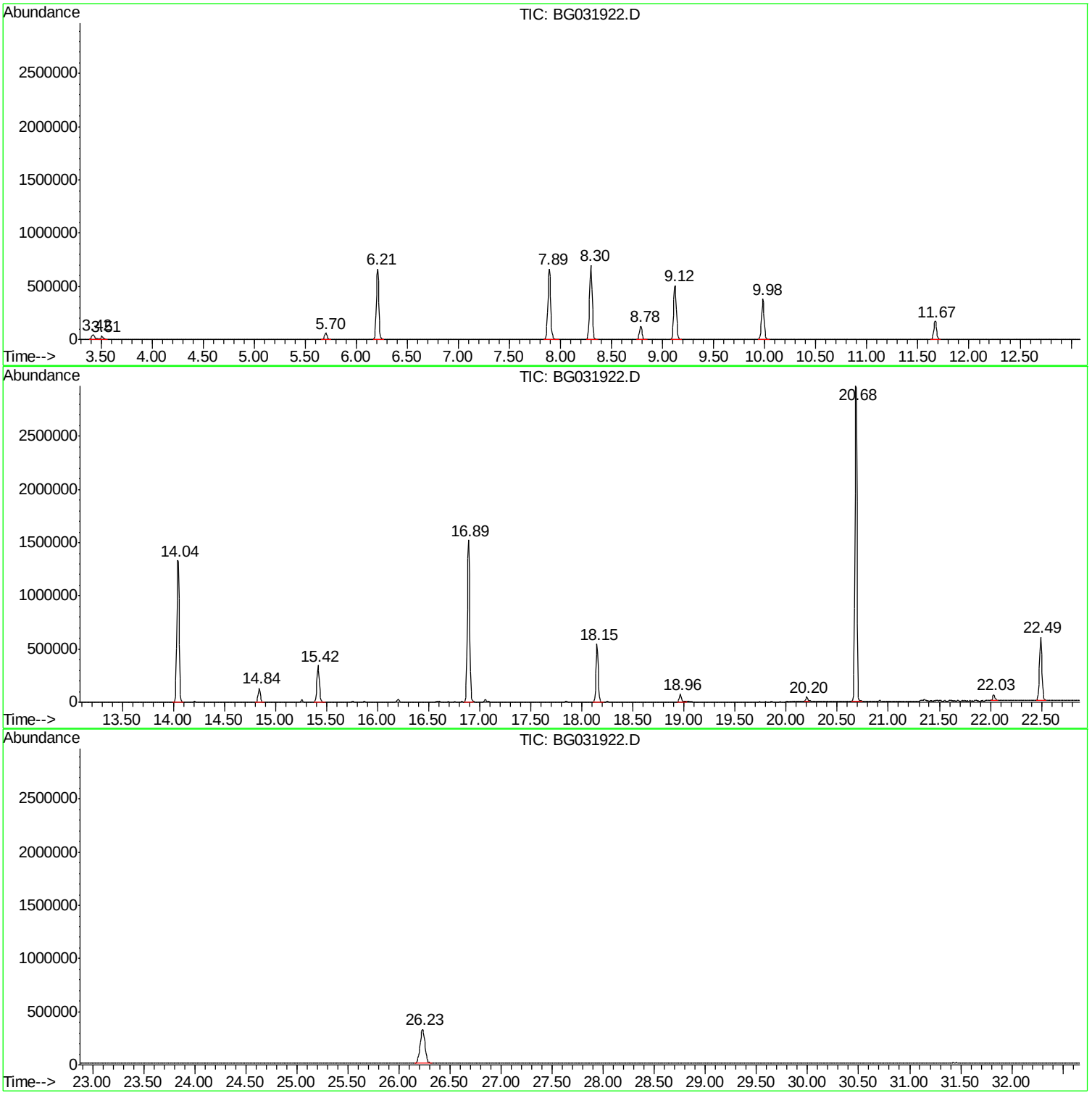
Sum of corrected areas: 18870032

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

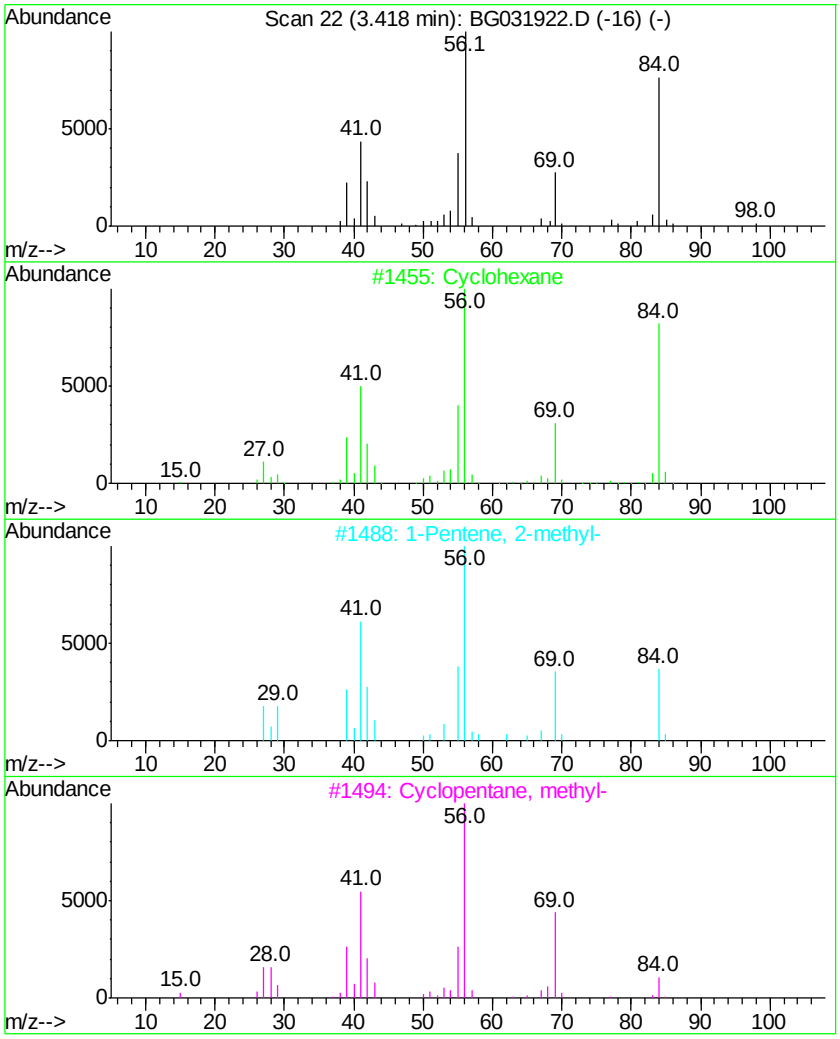
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

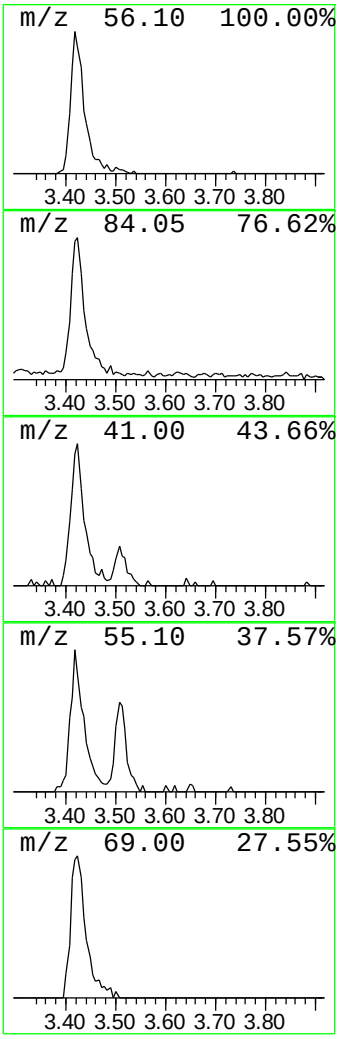
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	8.08 ng	92108	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	38
4	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	37
5	2,2-Dimethylglutaric anhydride	142	C7H10O3	002938-48-9	35





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

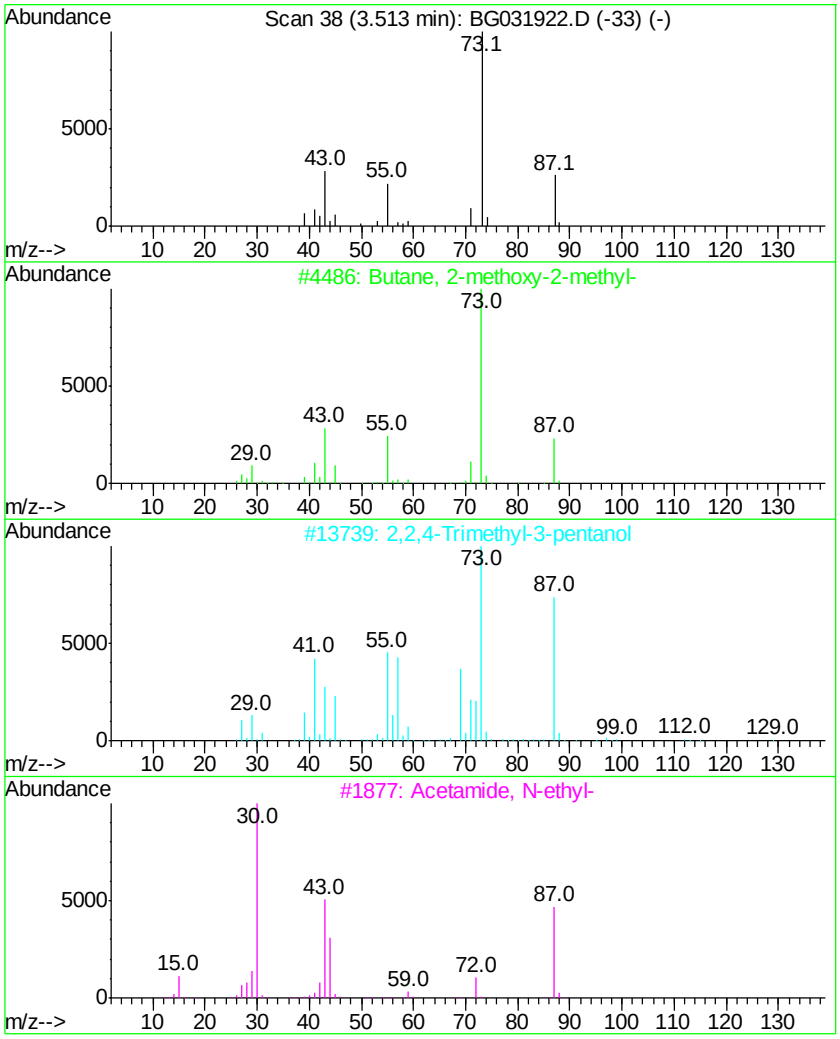
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

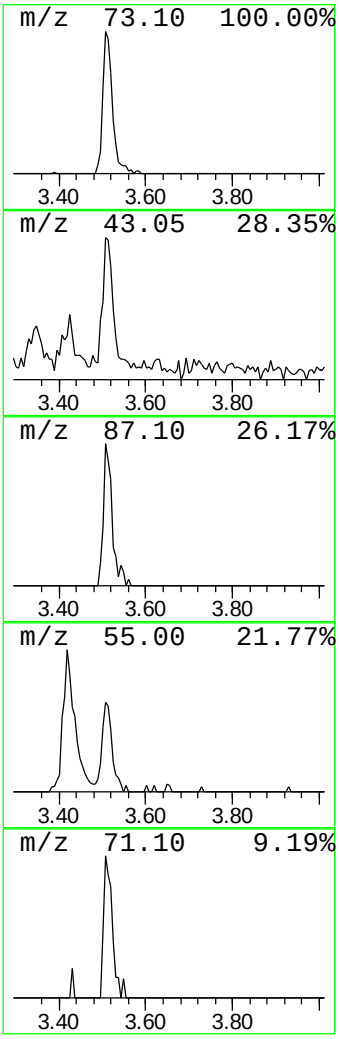
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.84 ng	43787	1,4-Dichlorobenzene-d4	8.78

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	50
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9
5	4-Hydroxybutyric acid hydrazide	118	C4H10N2O2	003879-08-1	9





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

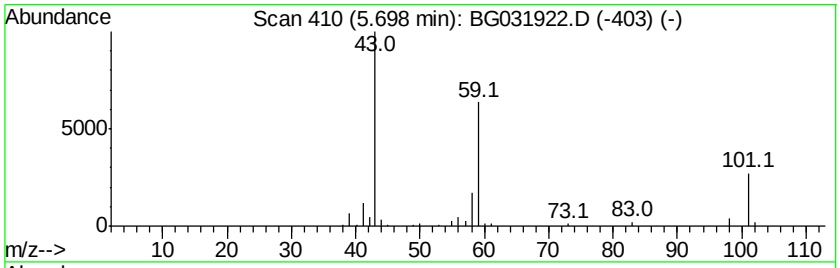
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

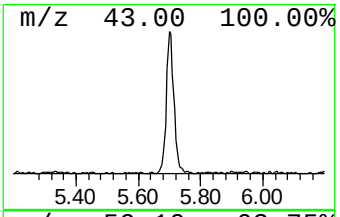
****

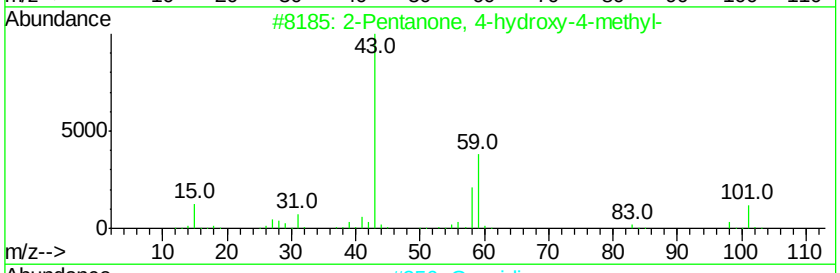
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

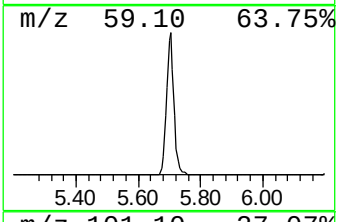
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.85 ng	100826	1,4-Dichlorobenzene-d4	8.78

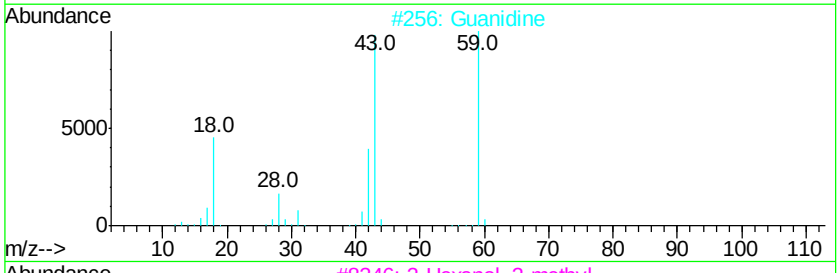
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hexanol	102	C6H14O	000623-37-0	23

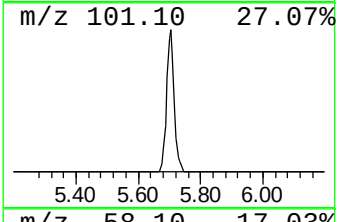


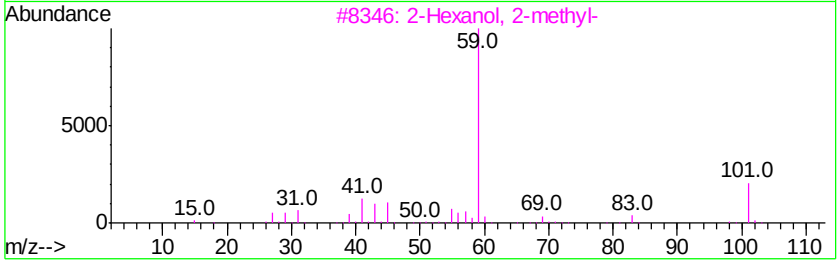


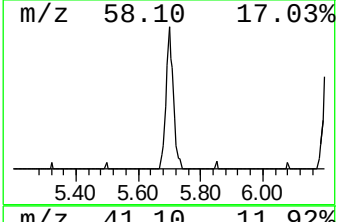


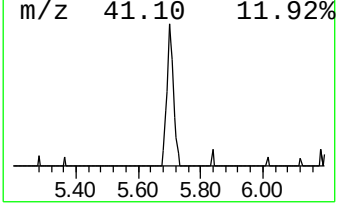












Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

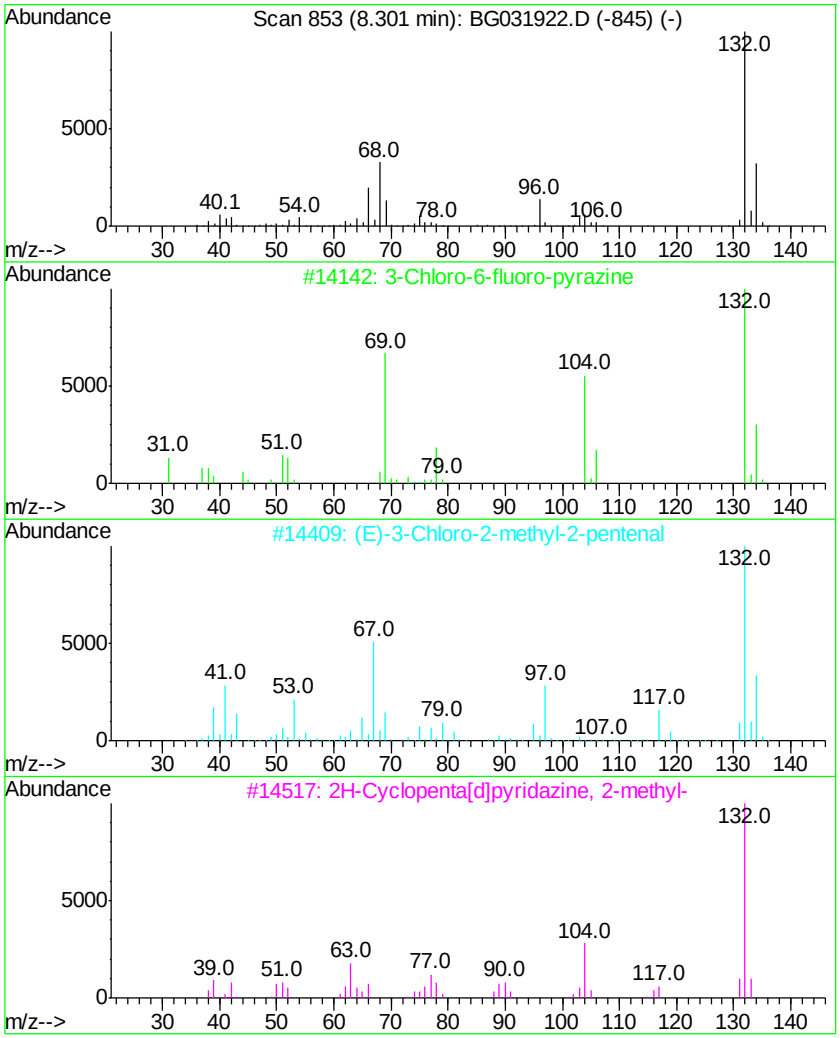
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

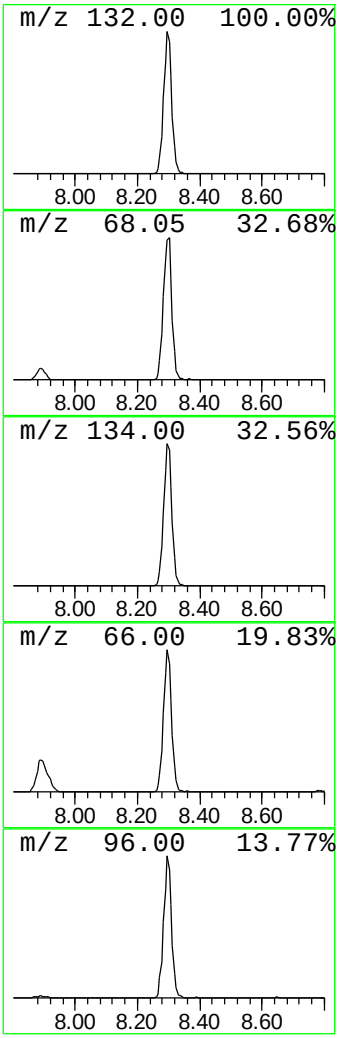
****

Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	111.03 ng	1265000	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

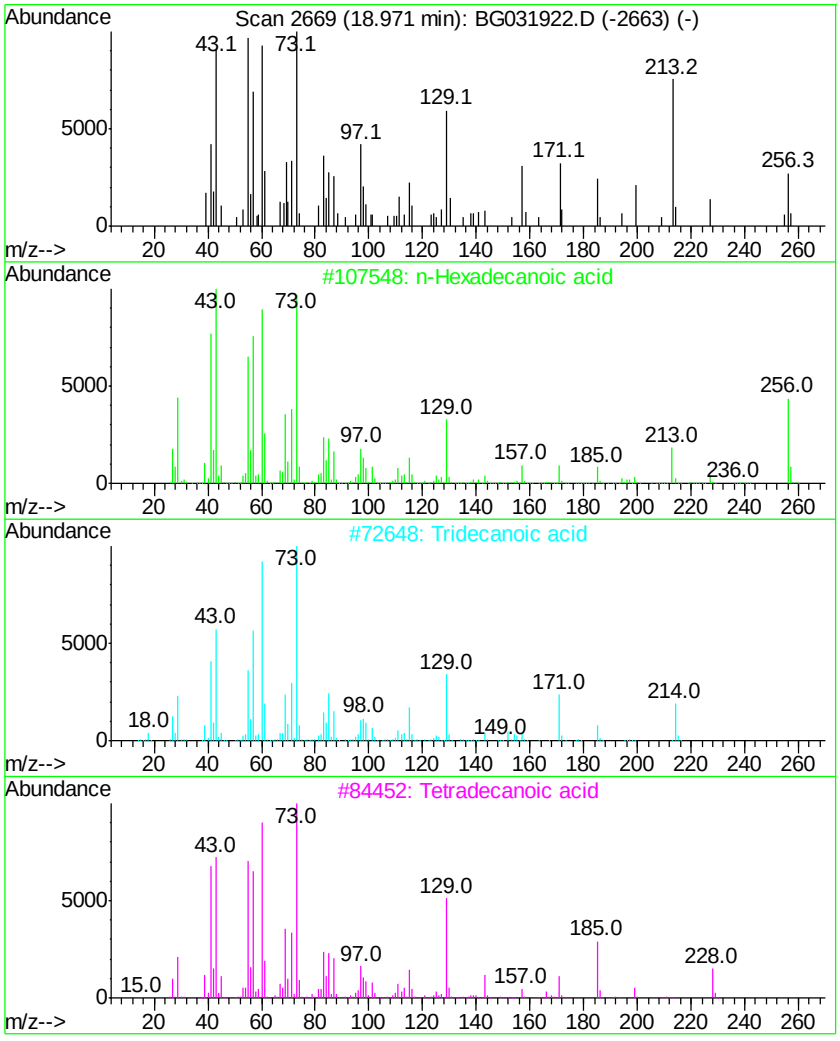
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

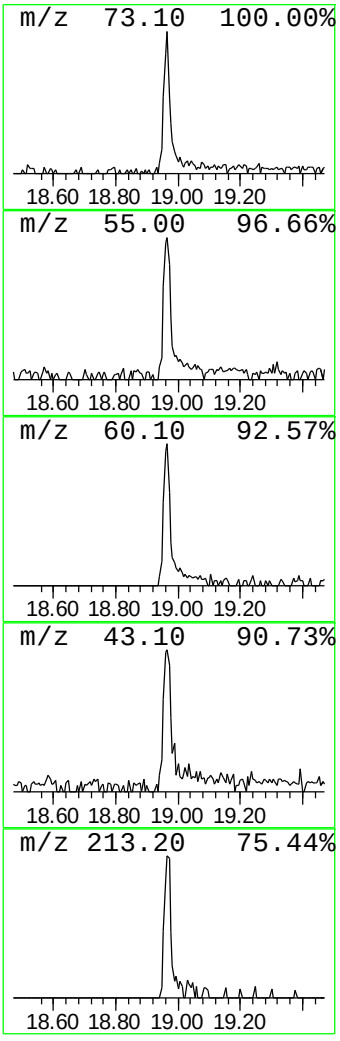
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.76 ng	117714	Phenanthrene-d10	18.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_G\DATA\BG010418\
Data File : BG031922.D
Acq On : 4 Jan 2018 19:21
Operator : SJ/JU
Sample : J1025-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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
Cyclohexane	3.42	8.1	ng	92108	1	8.78	227869	20.0
Butane, 2-methoxy...	3.51	3.8	ng	43787	1	8.78	227869	20.0
2-Pentanone, 4-hy...	5.70	8.8	ng	100826	1	8.78	227869	20.0
unknown8.30	8.30	111.0	ng	1265000	1	8.78	227869	20.0
n-Hexadecanoic acid	18.97	2.8	ng	117714	4	18.15	853210	20.0