LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017319.D
Acq On : 28 May 2015 3:57
Operator : TP/IZ
Sample : G2387-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-16-D8

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-BG051315.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	2.820	18	22	27	rVV	19833	25990	1.33%	0.238%
2	2.867	27	30	38	rVB3	13864	19521	1.00%	0.179%
3	4.771	347	354	363	rBV	141927	202266	10.37%	1.850%
4	5.258	430	437	446	rBV	589787	838854	43.02%	7.674%
5	6.862	704	710	724	rBV	696571	1063425	54.54%	9.729%
6	7.203	761	768	777	rBV	663141	998192	51.19%	9.132%
7	7.656	839	845	852	rBV	112187	174593	8.95%	1.597%
8	7.979	891	900	906	rBV	378688	577864	29.64%	5.286%
9	8.819	1036	1043	1052	rBV	401797	651525	33.41%	5.960%
10	10.452	1313	1321	1328	rBV	141584	231697	11.88%	2.120%
11	12.932	1735	1743	1750	rBV	752670	1143611	58.65%	10.462%
12	13.778	1881	1887	1895	rBV	147087	199546	10.23%	1.826%
13	14.318	1973	1979	1989	rVB2	203826	305292	15.66%	2.793%
14	15.811	2227	2233	2243	rBV	782647	1084340	55.61%	9.920%
15	17.062	2440	2446	2453	rBV2	284796	405760	20.81%	3.712%
16	17.967	2596	2600	2608	rBV3	23199	37714	1.93%	0.345%
17	19.700	2889	2895	2900	rBV	1637034	1949899	100.00%	17.838%
18	20.963	3105	3110	3117	rBV2	50867	76842	3.94%	0.703%
19	21.251	3152	3159	3163	rBV	376858	494581	25.36%	4.525%
20	23.490	3533	3540	3546	rBV2	239176	449489	23.05%	4.112%

Sum of corrected areas: 10931001

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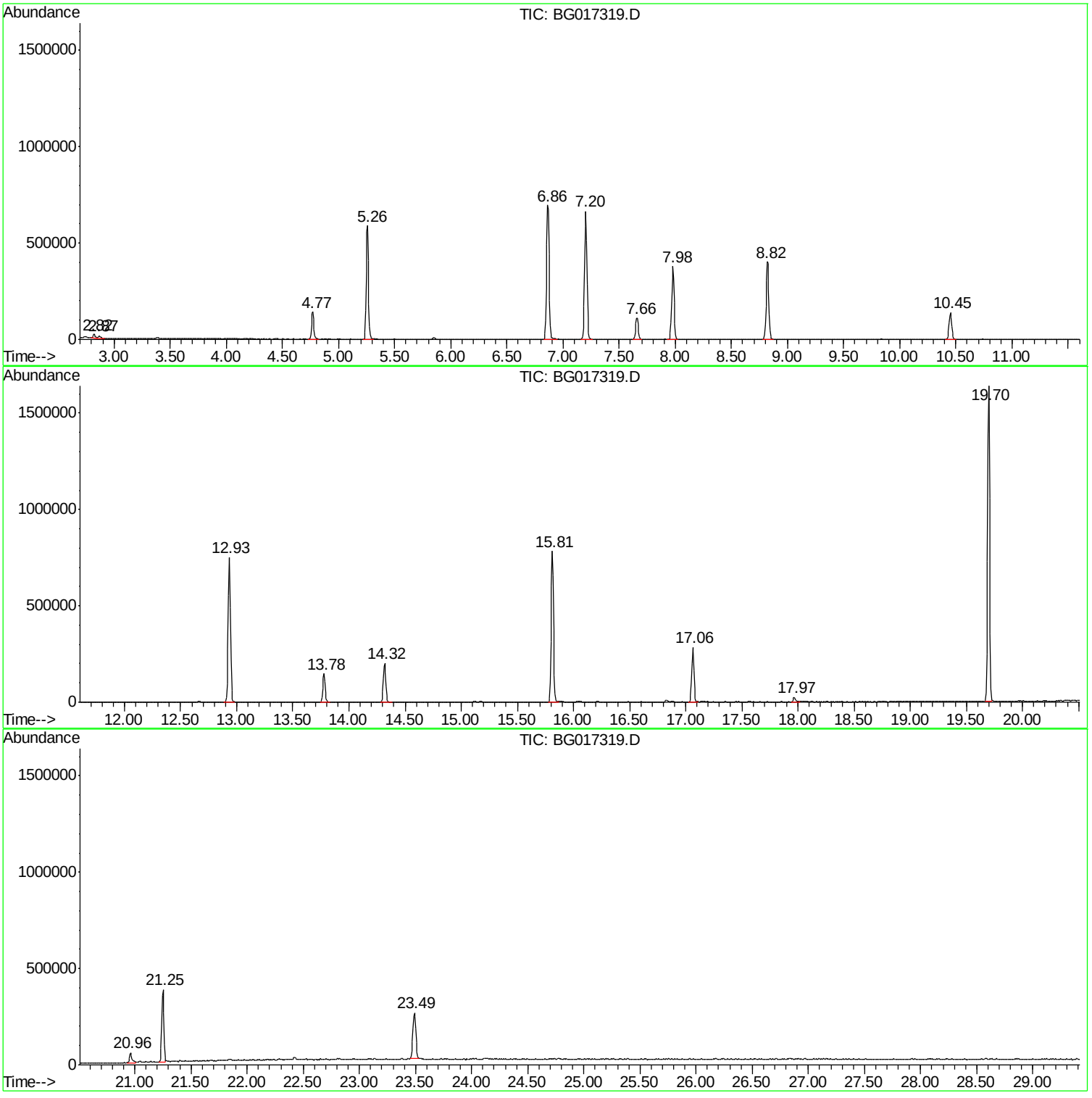
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-16-D8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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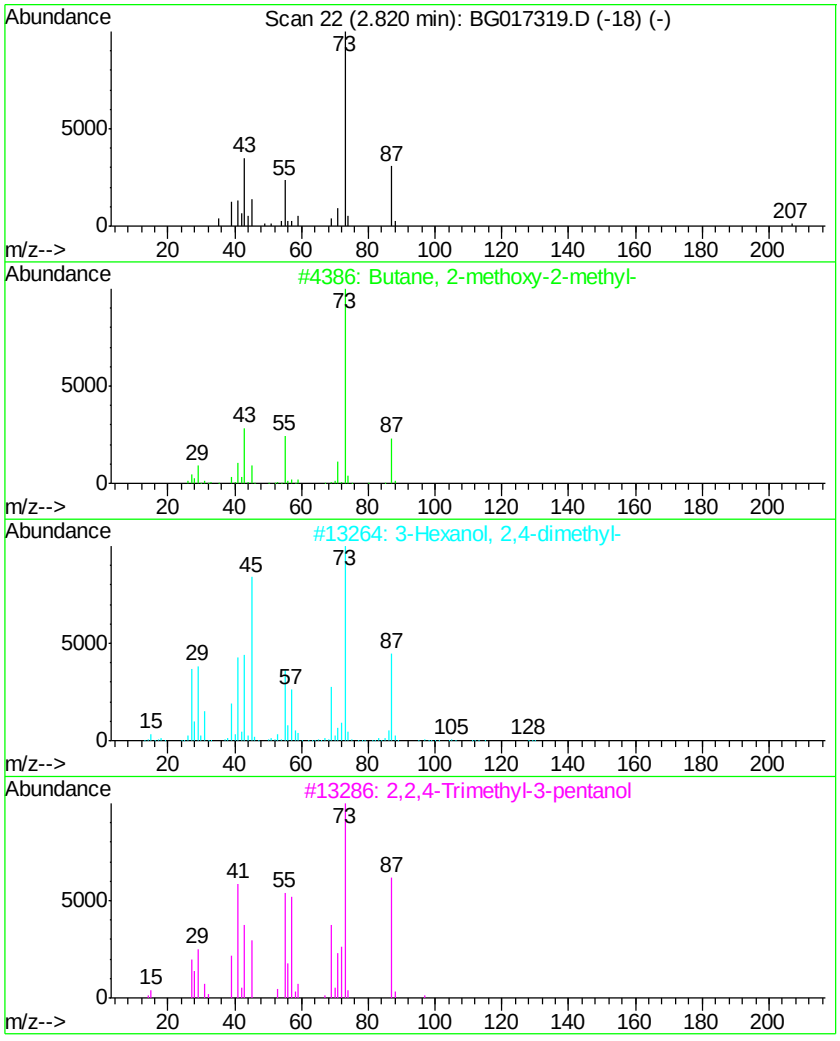
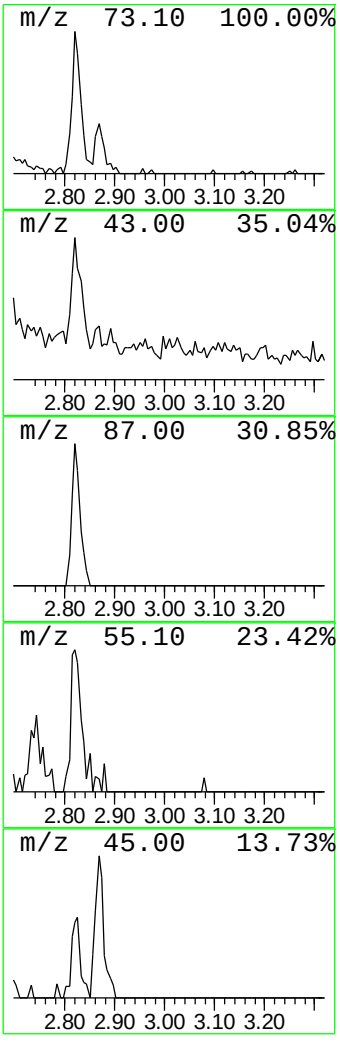
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.98 ng	25990	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : G2387-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-16-D8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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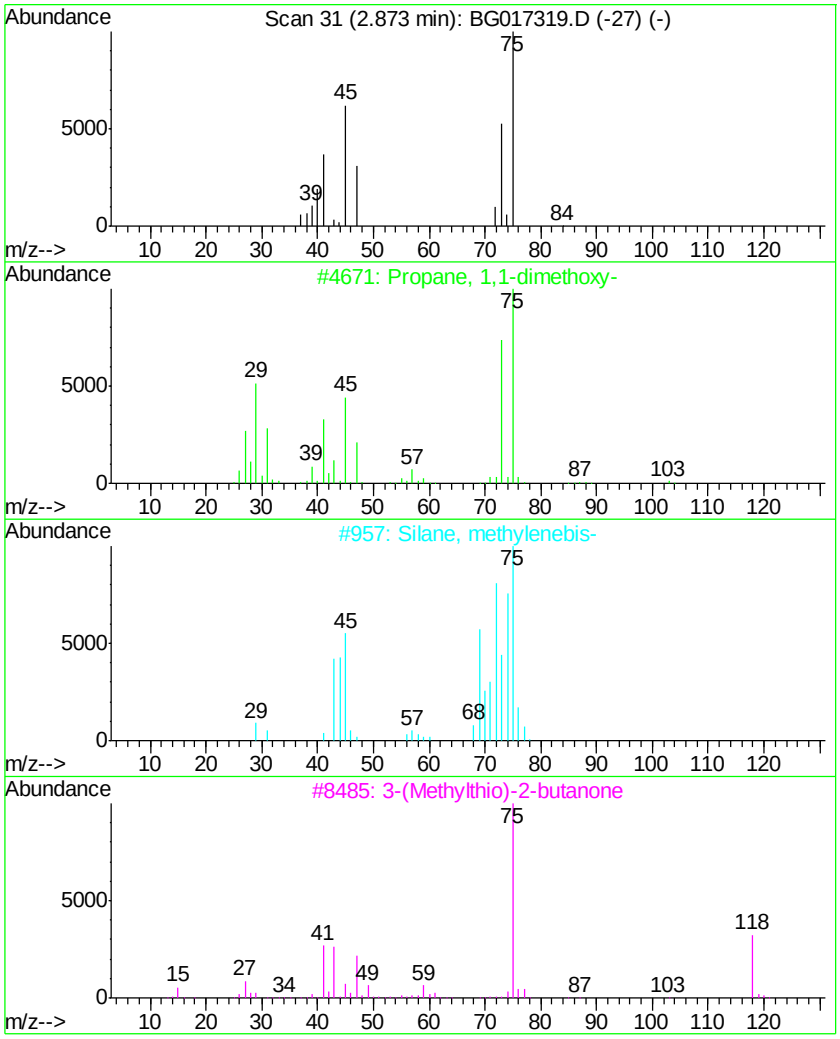
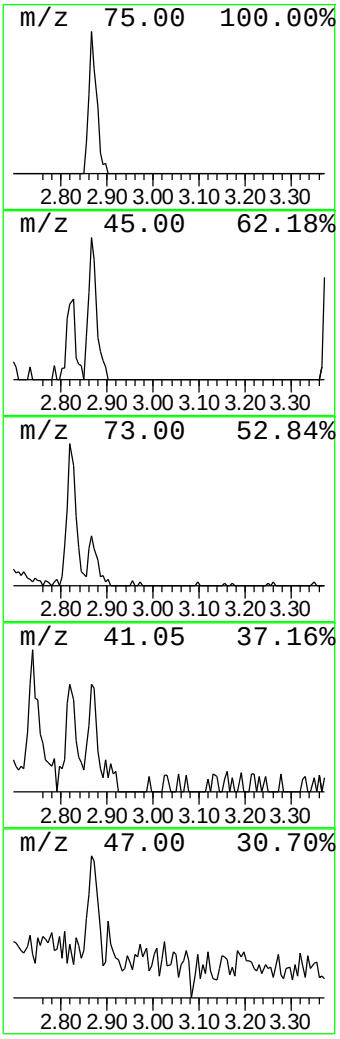
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	2.24 ng	19521	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Silane, methylenebis-	76	CH8Si2	001759-88-2	40
3	3-(Methylthio)-2-butanone	118	C5H10OS	053475-15-3	28
4	2-Methylbutane-1,4-diol, 3-(1-et...	192	C9H20O4	088481-54-3	10
5	1-Propanethiol, 3-(diethylborylo...	160	C7H17BOS	1000161-78-5	9





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Sample : G2387-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-16-D8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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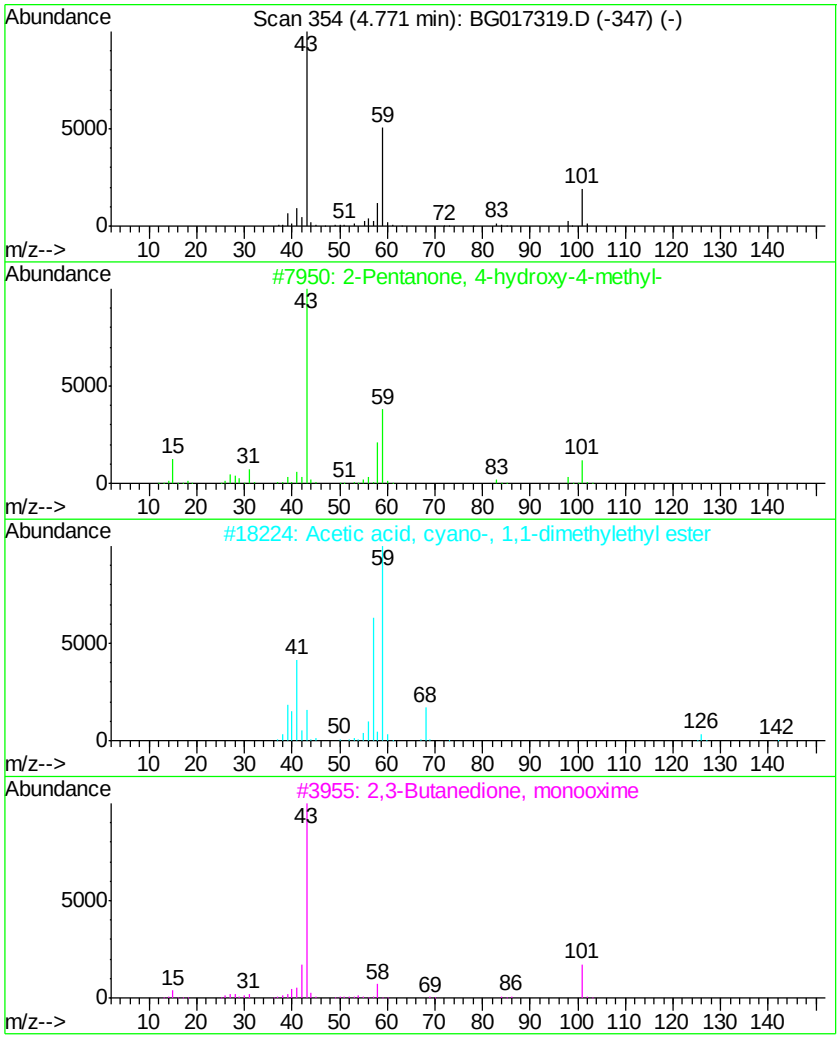
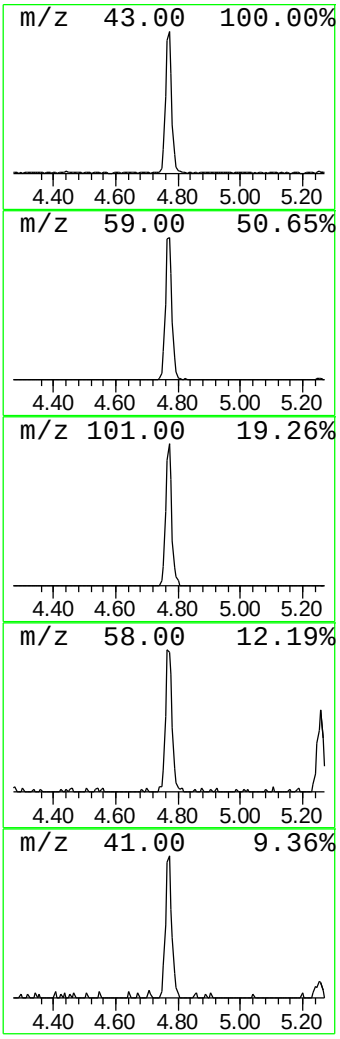
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	23.17 ng	202266	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-16-D8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

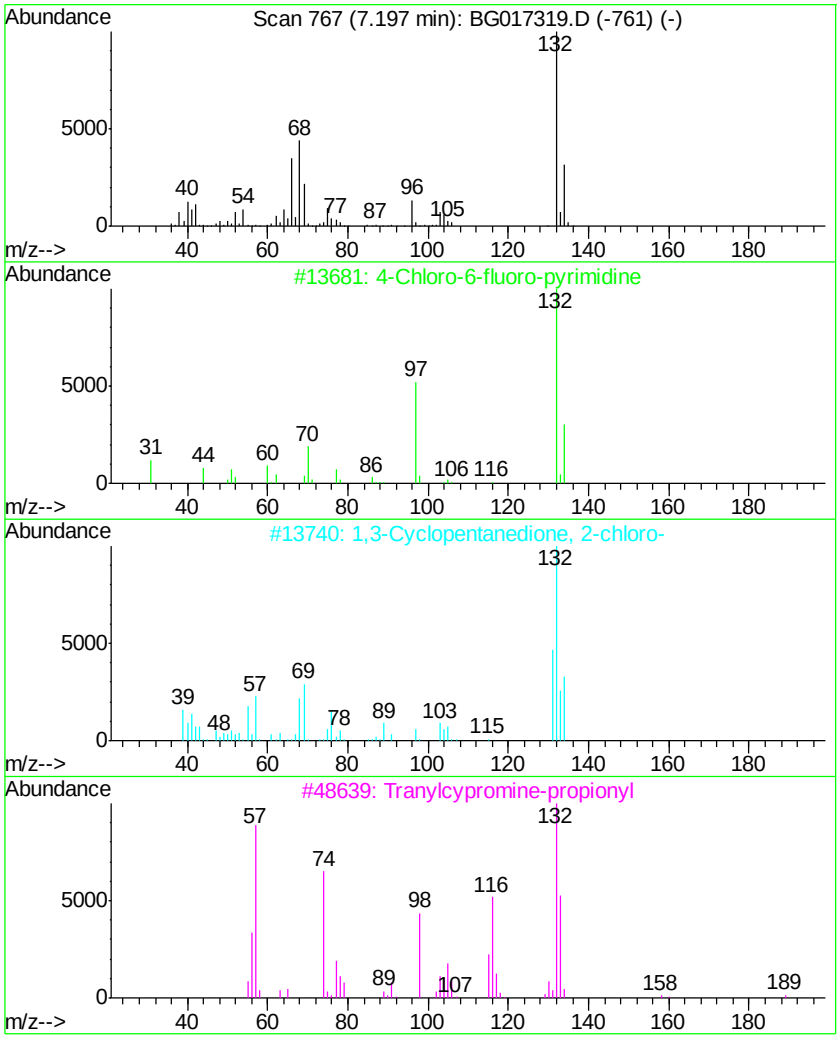
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

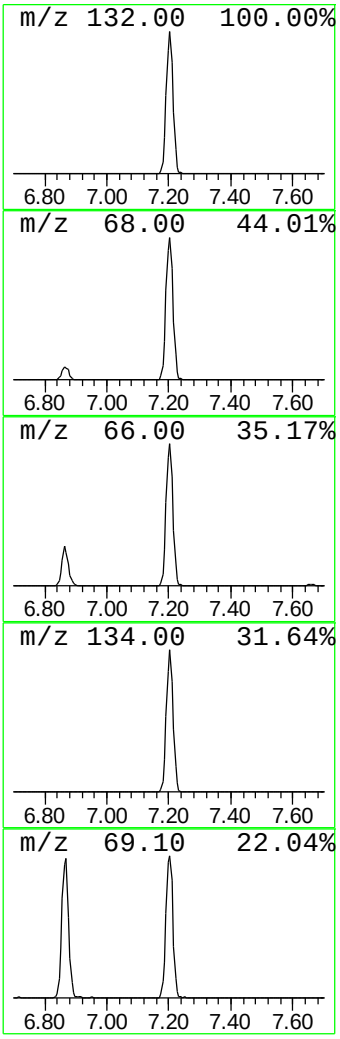
****

Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	114.35 ng	998192	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Instrument : BNA_G
ClientSampleId : TP-16-D8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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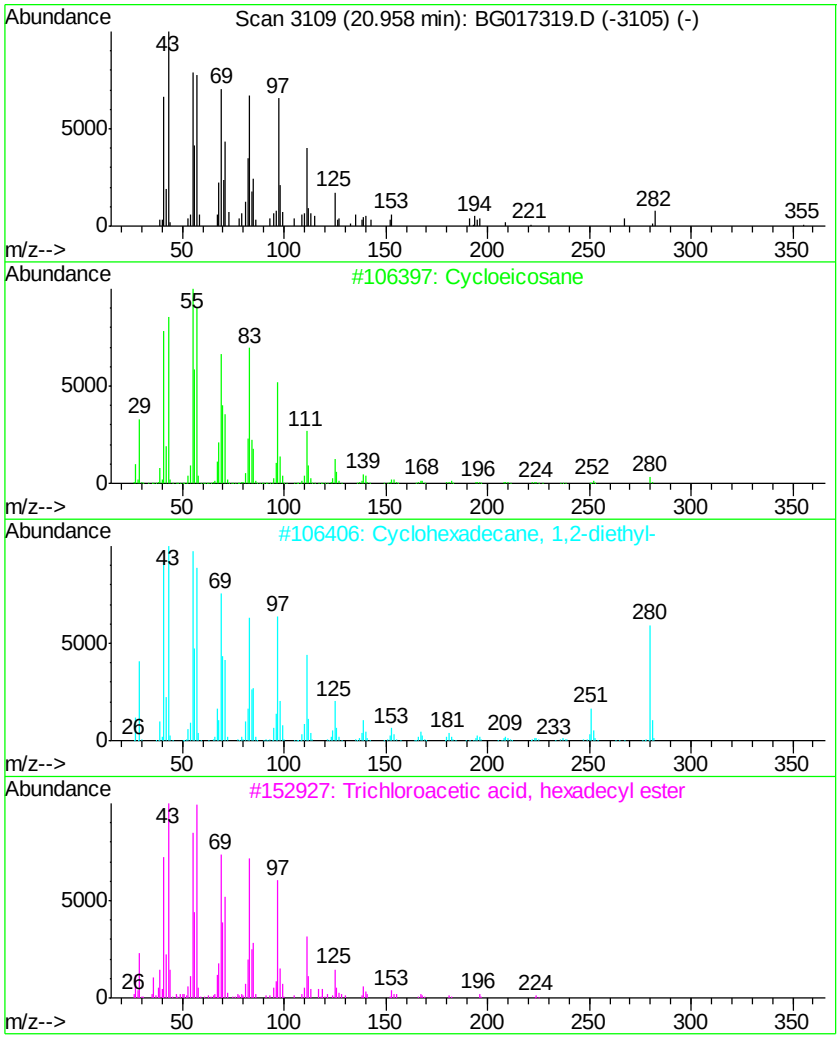
TIC Integration Parameters: LSCINT.P

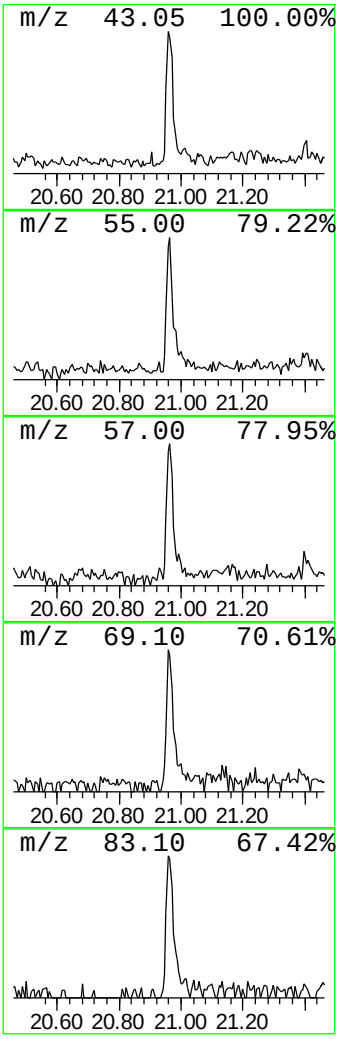
****

Peak Number 6 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.11 ng	76842	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.82	3.0	ng	25990	1	7.66	174593	20.0
Propane, 1,1-dime...	2.87	2.2	ng	19521	1	7.66	174593	20.0
2-Pentanone, 4-hy...	4.77	23.2	ng	202266	1	7.66	174593	20.0
unknown7.20	7.20	114.3	ng	998192	1	7.66	174593	20.0
Cycloeicosane	20.96	3.1	ng	76842	5	21.25	494581	20.0