LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

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-BG071715.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	2.784	12	16	24	rVB2	59528	98877	1.64%	0.267%
2	2.861	25	29	35	rBV	543190	625023	10.39%	1.688%
3	4.147	244	248	253	rBV	51540	67146	1.12%	0.181%
4	4.735	340	348	358	rBV	1044735	1463909	24.35%	3.953%
5	5.193	419	426	435	rBV	1564481	2222095	36.95%	6.001%
6	5.798	521	529	536	rBV	93704	141095	2.35%	0.381%
7	6.774	687	695	703	rBV	1625211	2559004	42.56%	6.910%
8	7.120	747	754	763	rBV	1698117	2632575	43.78%	7.109%
9	7.585	826	833	842	rVB	425068	646311	10.75%	1.745%
10	7.902	879	887	894	rBV	1134867	1735551	28.86%	4.687%
11	8.736	1020	1029	1038	rBV	934815	1571212	26.13%	4.243%
12	10.364	1299	1306	1315	rBV	604796	1009188	16.78%	2.725%
13	12.861	1723	1731	1738	rBV	2445460	3651209	60.72%	9.860%
14	13.707	1869	1875	1885	rVB	398668	569006	9.46%	1.537%
15	14.241	1956	1966	1976	rBV2	960912	1498566	24.92%	4.047%
16	15.740	2215	2221	2233	rBV	2452592	3411781	56.74%	9.213%
17	16.997	2428	2435	2444	rBV	1315490	1938471	32.24%	5.235%
18	17.908	2586	2590	2600	rBV2	83111	134690	2.24%	0.364%
19	19.353	2831	2836	2841	rBV	104006	120445	2.00%	0.325%
20	19.641	2879	2885	2898	rBV	4648674	6013151	100.00%	16.238%
21	20.399	3010	3014	3019	rVB2	87330	100425	1.67%	0.271%
22	20.922	3098	3103	3109	rBV2	162034	226403	3.77%	0.611%
23	21.198	3144	3150	3164	rBV	1651989	2214526	36.83%	5.980%
24	22.250	3324	3329	3337	rBV5	78819	176221	2.93%	0.476%
25	23.413	3519	3527	3547	rVB	1141791	2204782	36.67%	5.954%

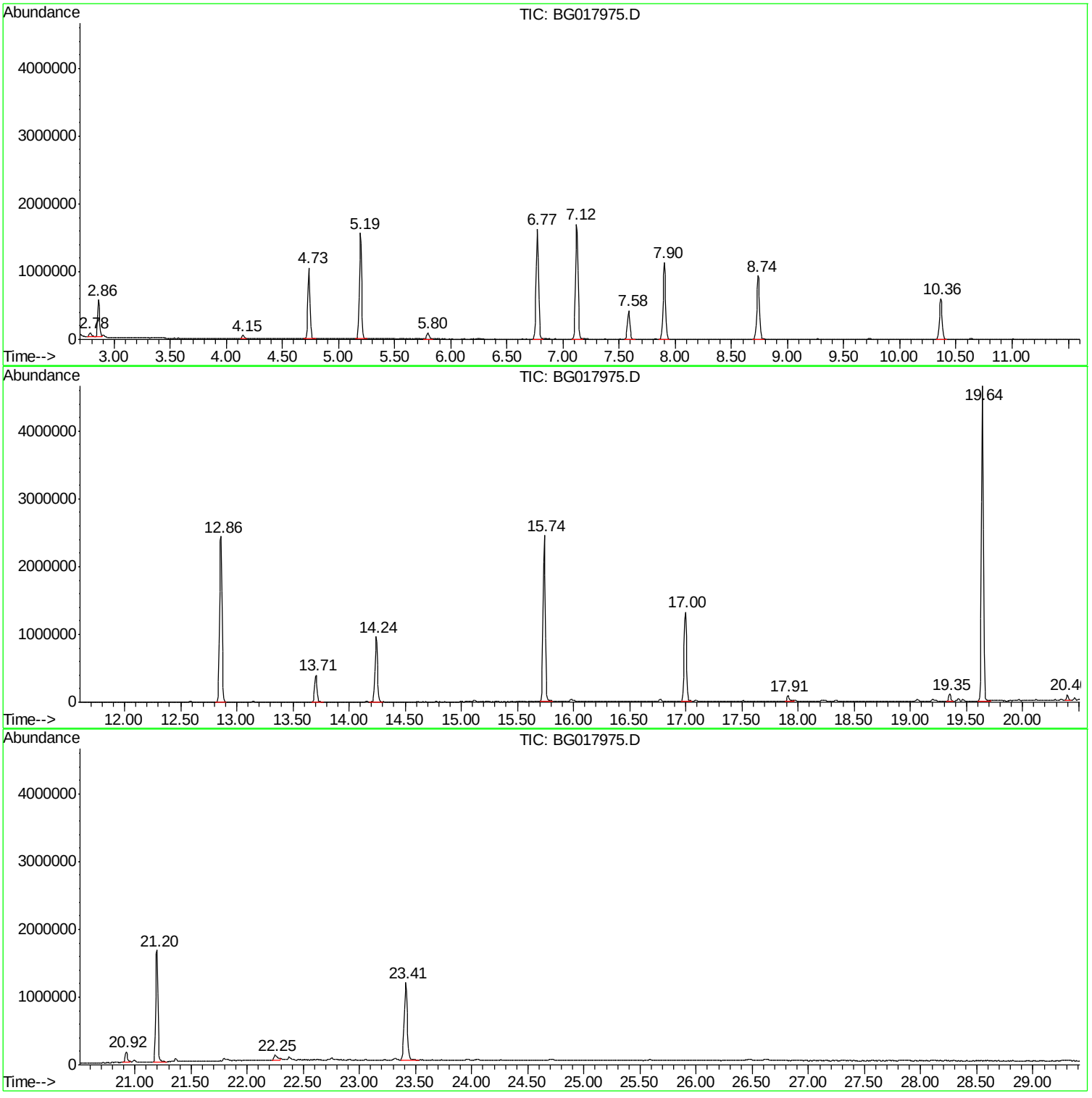
Sum of corrected areas: 37031662

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

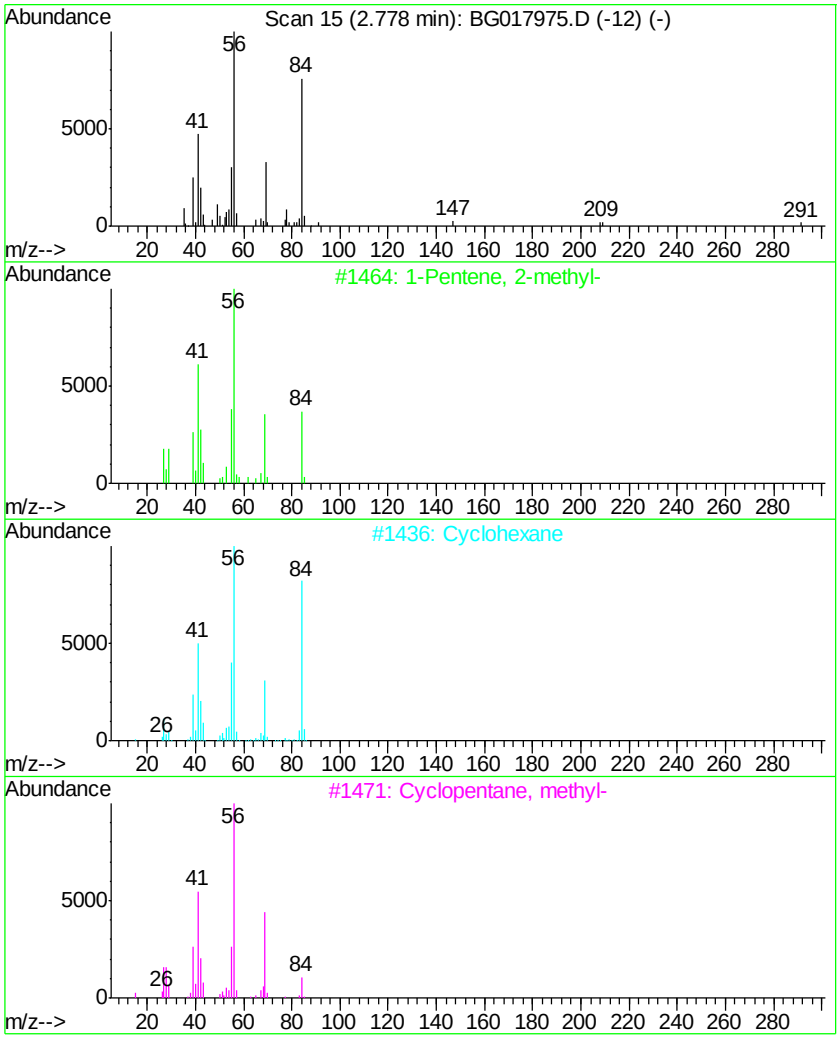
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

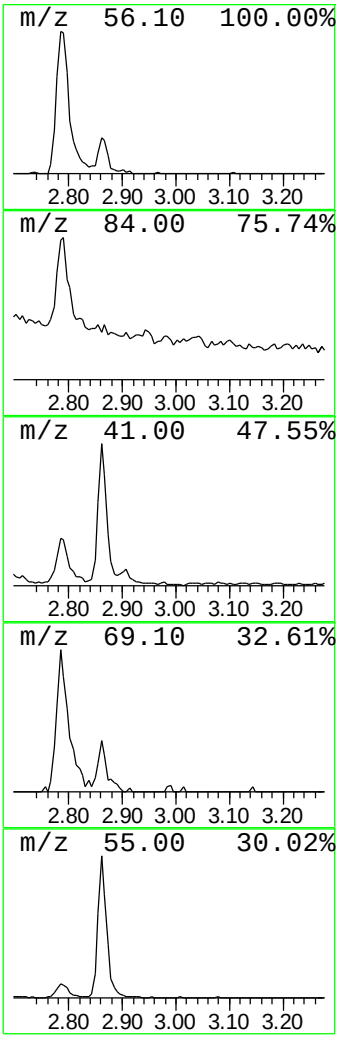
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	3.06 ng	98877	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	43
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	43
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

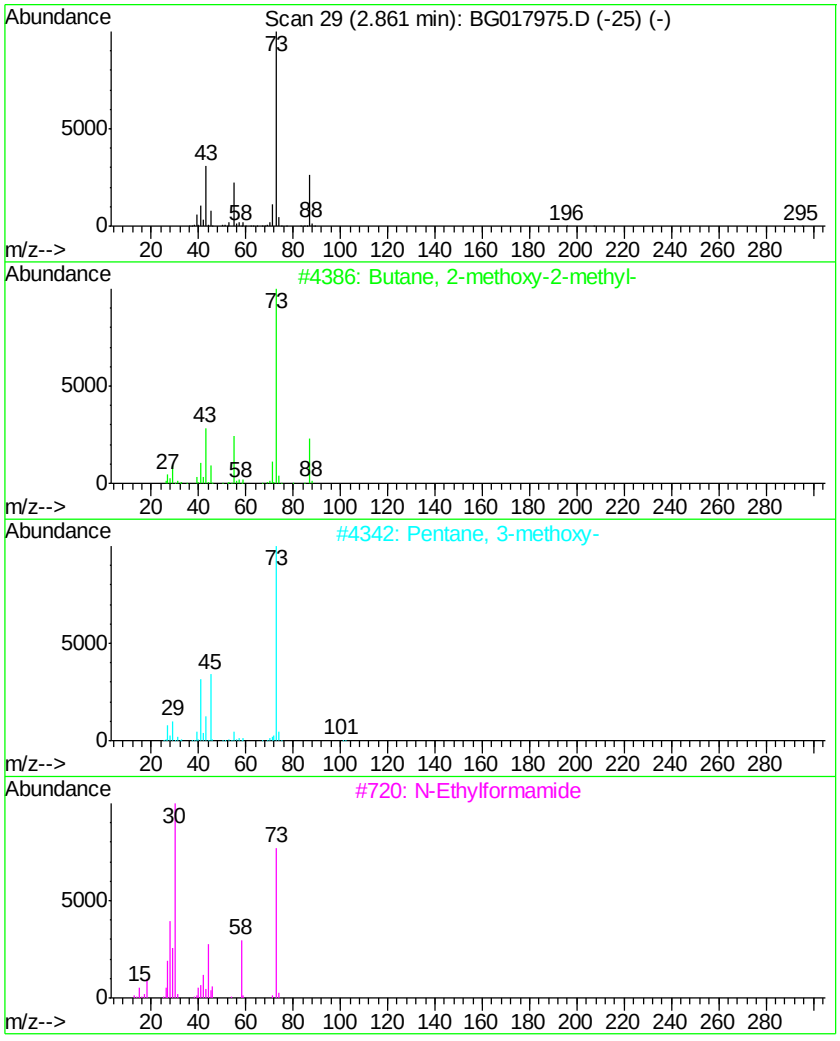
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

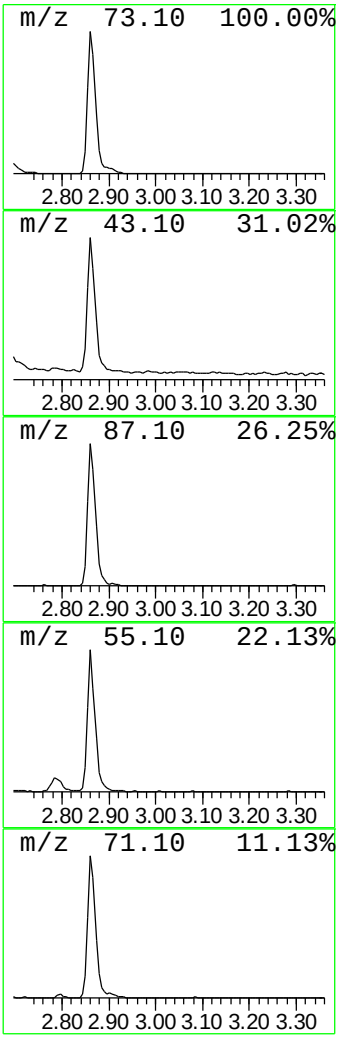
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	19.34 ng	625023	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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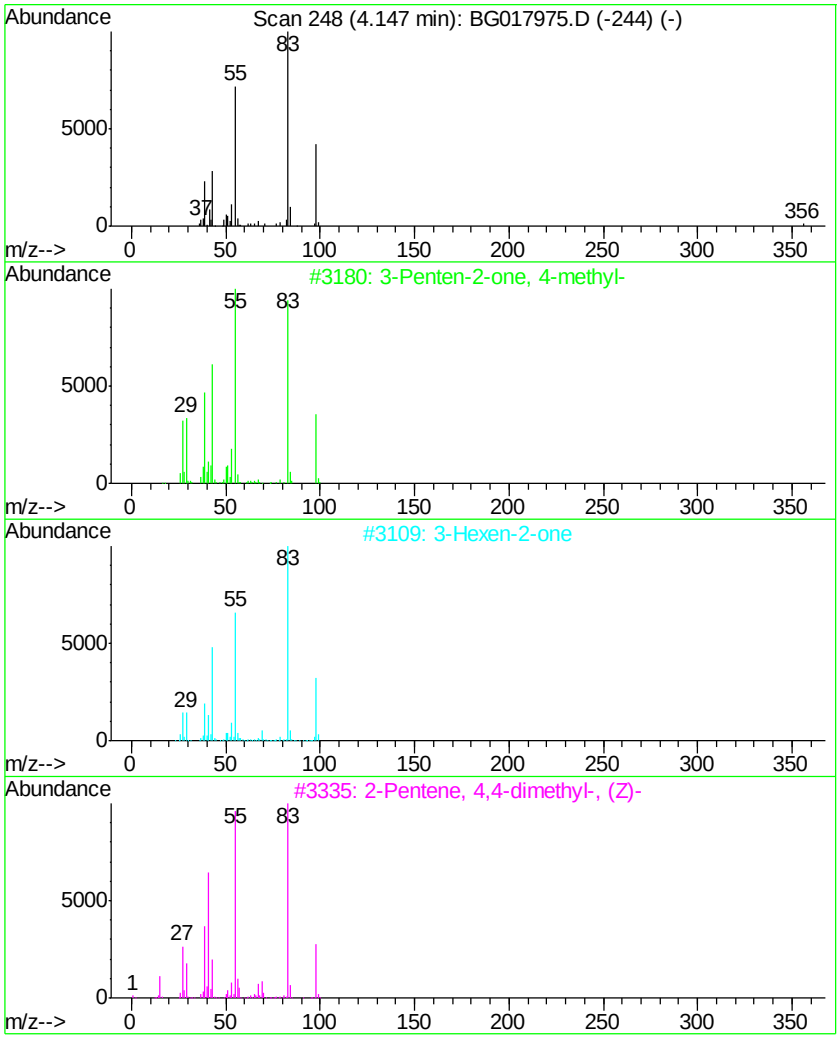
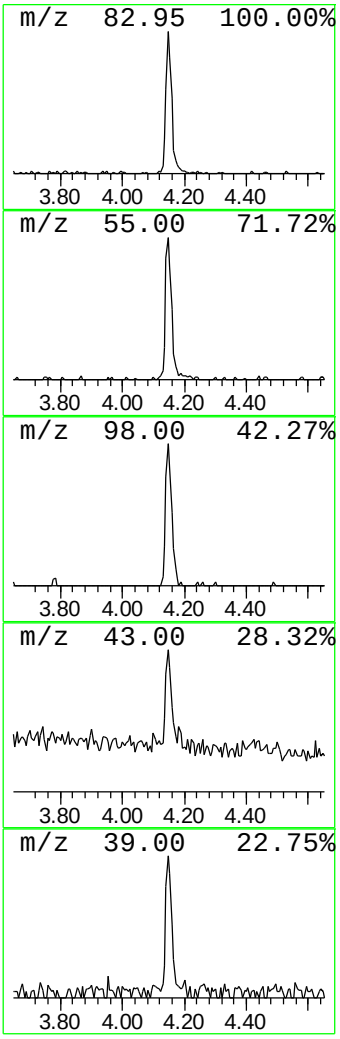
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	2.08 ng	67146	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	78
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

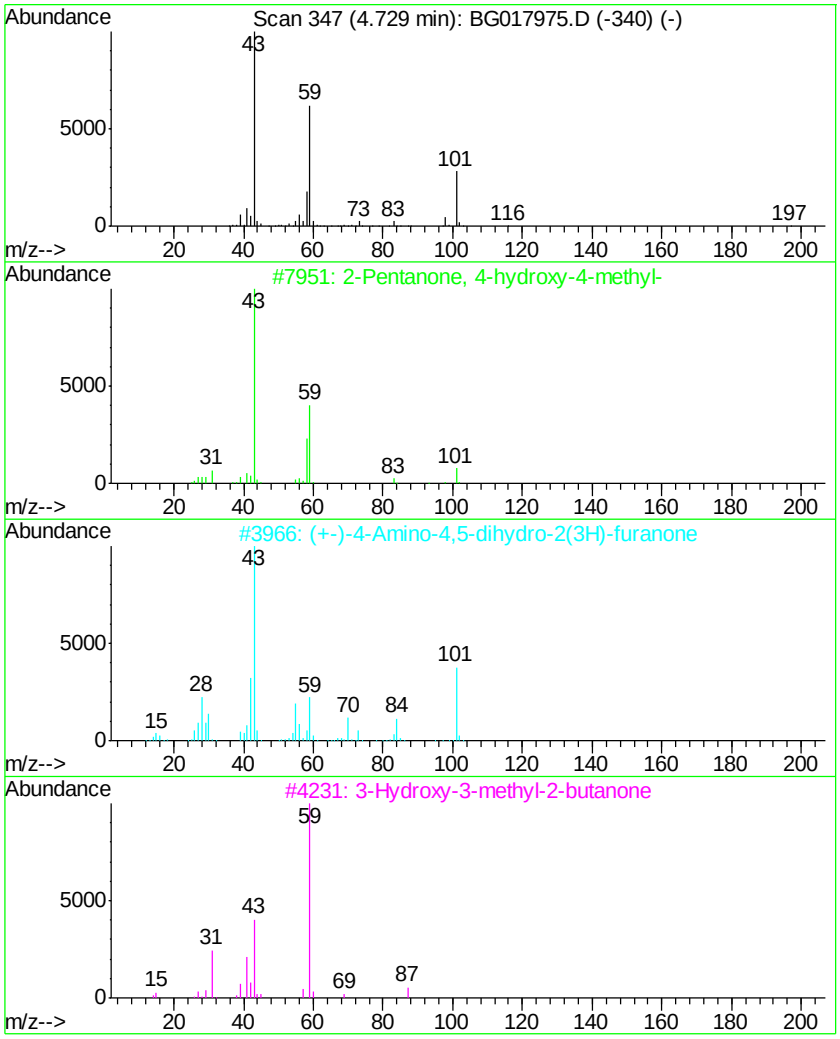
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

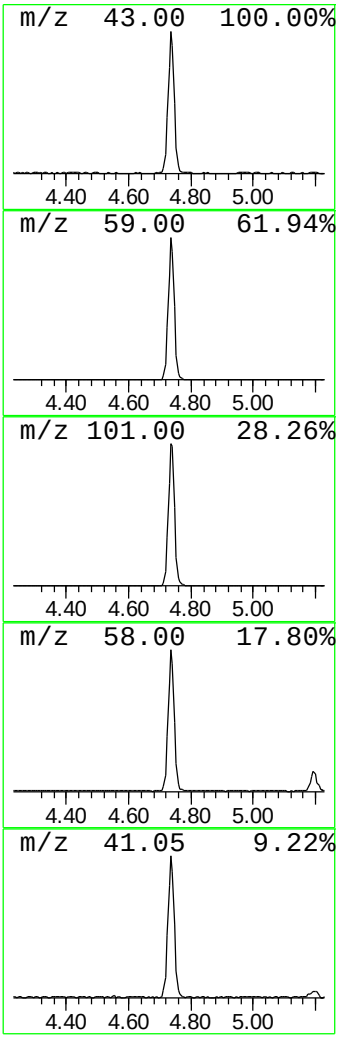
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	45.30 ng	1463910	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
Data File : BG017975.D
Acq On : 20 Jul 2015 1:51
Operator : TP/UM
Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

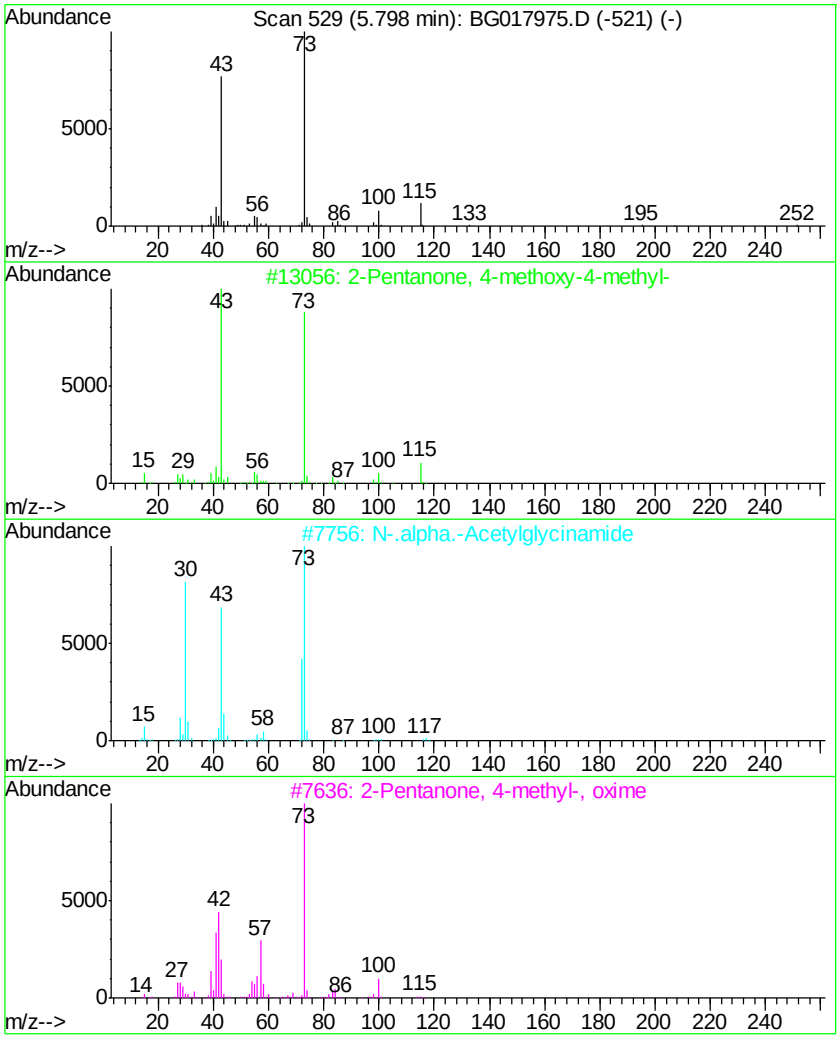
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

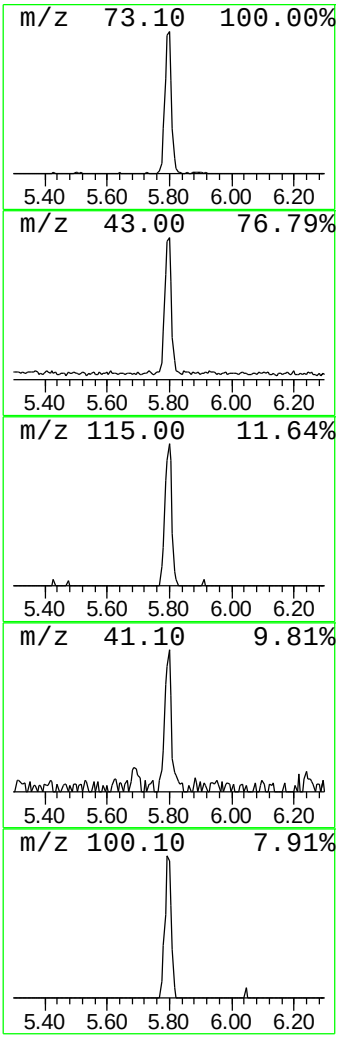
****

Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	4.37 ng	141095	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	2-Pentanone, 4-methyl-, oxime	115	C6H13NO	000105-44-2	17
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12





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Sample : G2973-11
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

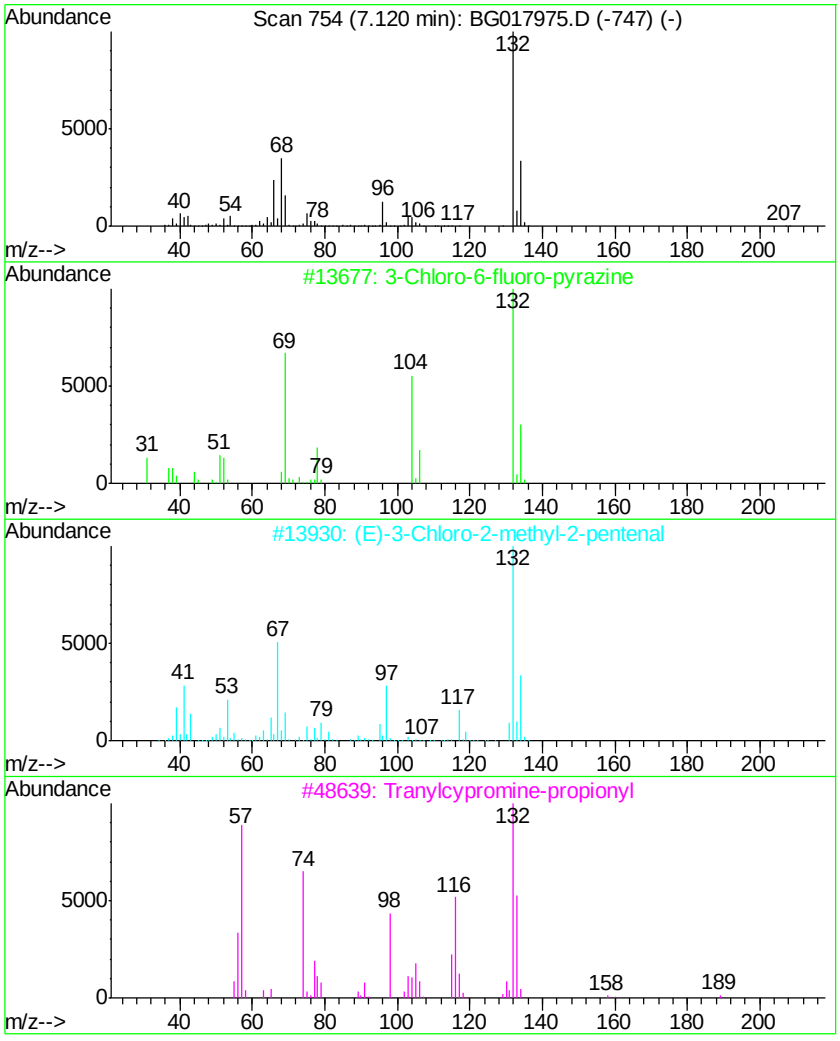
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

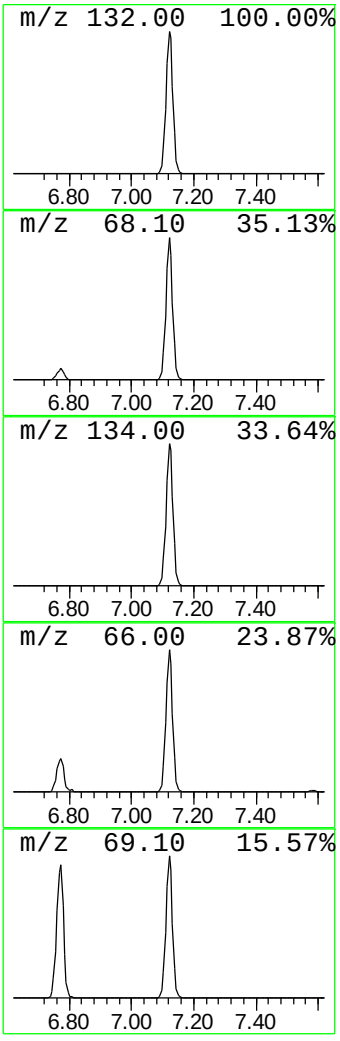
****

Peak Number 6 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	81.46 ng	2632580	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
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Instrument : BNA_G
ClientSampleId : DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

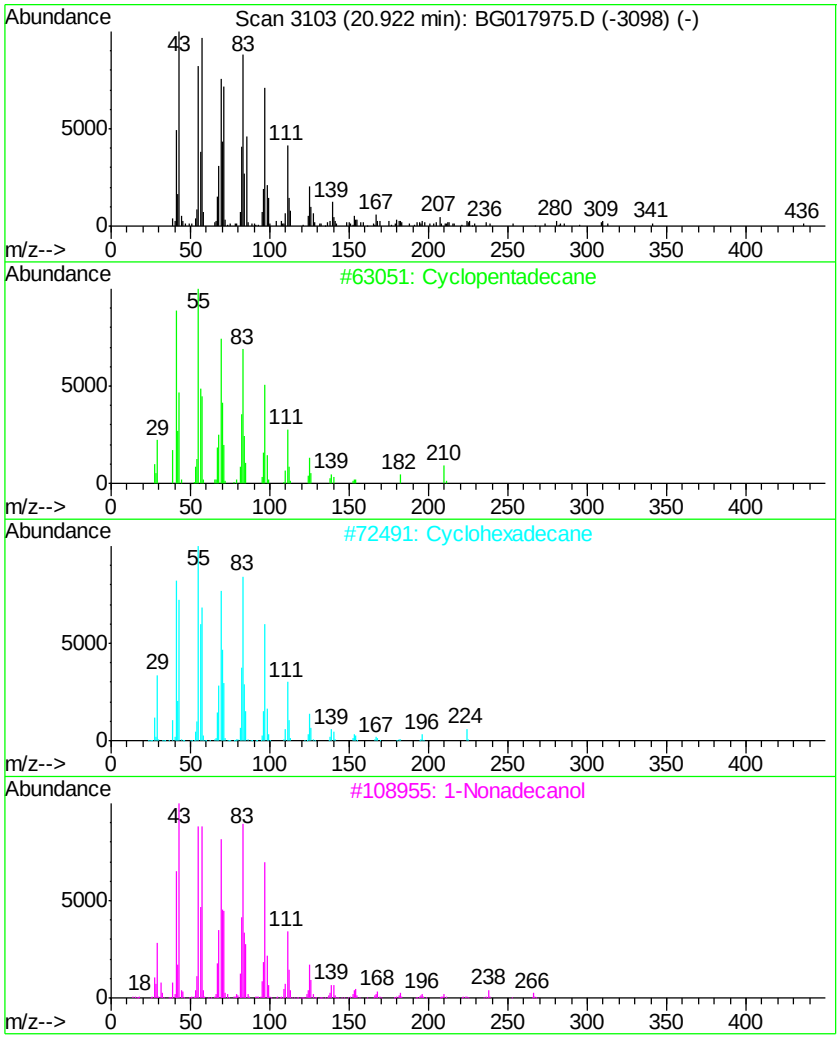
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

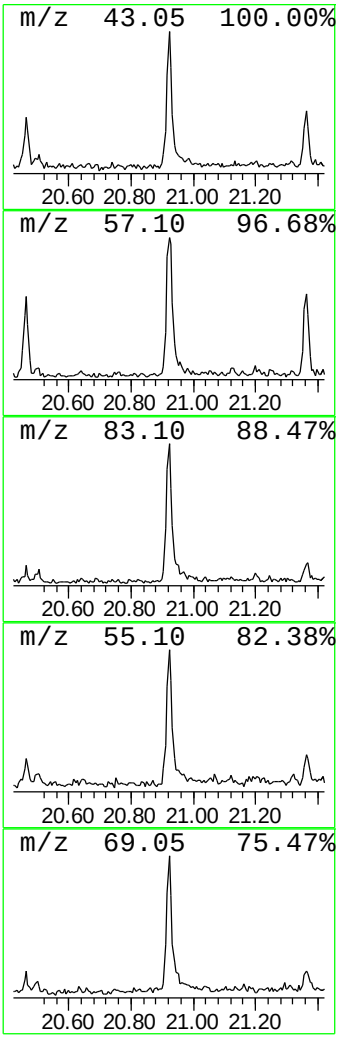
****

Peak Number 8 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.04 ng	226403	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	1-Nonadecanol	284	C19H40O	001454-84-8	95
4	Cyclotetradecane	196	C14H28	000295-17-0	93
5	1-Octadecanol	270	C18H38O	000112-92-5	93





Tentatively Identified Compound (LSC) summary

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ClientSampleId : DUP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	2.78	3.1	ng	98877	1	7.58	646311	20.0
Butane, 2-methoxy...	2.86	19.3	ng	625023	1	7.58	646311	20.0
3-Penten-2-one, 4...	4.15	2.1	ng	67146	1	7.58	646311	20.0
2-Pentanone, 4-hy...	4.73	45.3	ng	1463910	1	7.58	646311	20.0
2-Pentanone, 4-me...	5.80	4.4	ng	141095	1	7.58	646311	20.0
unknown7.12	7.12	81.5	ng	2632580	1	7.58	646311	20.0
Cyclopentadecane	20.92	2.0	ng	226403	5	21.20	2214530	20.0