LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

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-BG102516.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	2.982	19	24	37	rVB2	271058	861313	12.42%	2.028%
2	3.135	45	50	62	rVB	541432	1029273	14.84%	2.423%
3	3.281	68	75	87	rBV2	230341	689343	9.94%	1.623%
4	4.727	316	321	329	rVB	328769	555754	8.01%	1.308%
5	5.332	418	424	433	rBV	1145143	1902674	27.44%	4.479%
6	5.802	496	504	516	rVB	1048577	1759417	25.37%	4.142%
7	7.406	769	777	787	rBV	1576965	2851233	41.12%	6.713%
8	7.794	835	843	851	rBV	1269039	2293791	33.08%	5.400%
9	8.270	917	924	935	rVB2	482048	901552	13.00%	2.123%
10	8.593	969	979	992	rBV	1304694	2361178	34.05%	5.559%
11	9.445	1113	1124	1134	rBV	1094177	2058076	29.68%	4.845%
12	11.096	1398	1405	1412	rBV2	649833	1168151	16.85%	2.750%
13	13.511	1806	1816	1828	rBV	2934313	4634655	66.83%	10.911%
14	14.321	1946	1954	1961	rBV	640663	965245	13.92%	2.272%
15	14.398	1961	1967	1972	rVV	74260	122562	1.77%	0.289%
16	14.885	2043	2050	2057	rVB2	1035855	1675380	24.16%	3.944%
17	14.956	2057	2062	2069	rBV2	127287	181791	2.62%	0.428%
18	15.679	2181	2185	2190	rVB2	55618	84825	1.22%	0.200%
19	16.366	2296	2302	2309	rBV	259570	418207	6.03%	0.985%
20	16.542	2327	2332	2341	rBV4	69351	177354	2.56%	0.418%
21	17.089	2421	2425	2430	rBV2	91397	137668	1.99%	0.324%
22	17.330	2462	2466	2470	rBV3	96753	133406	1.92%	0.314%
23	17.383	2470	2475	2478	rBV5	68292	107036	1.54%	0.252%
24	17.623	2510	2516	2523	rBV2	1267940	2043825	29.47%	4.812%
25	17.958	2569	2573	2576	rBV5	84073	127928	1.84%	0.301%
26	18.070	2588	2592	2597	rBV2	135372	178896	2.58%	0.421%
27	18.751	2705	2708	2712	rBV	137487	162886	2.35%	0.383%
28	19.204	2782	2785	2791	rVB3	116729	170658	2.46%	0.402%
29	19.316	2801	2804	2810	rBV7	105202	171341	2.47%	0.403%
30	19.374	2812	2814	2819	rVB2	115077	128914	1.86%	0.304%
31	20.209	2950	2956	2960	rBV	4880683	6934647	100.00%	16.326%
32	21.918	3242	3247	3257	rVB	1501997	2765450	39.88%	6.511%
33	25.356	3823	3832	3843	rVB2	868319	2720749	39.23%	6.406%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6-5-6

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-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 42475178

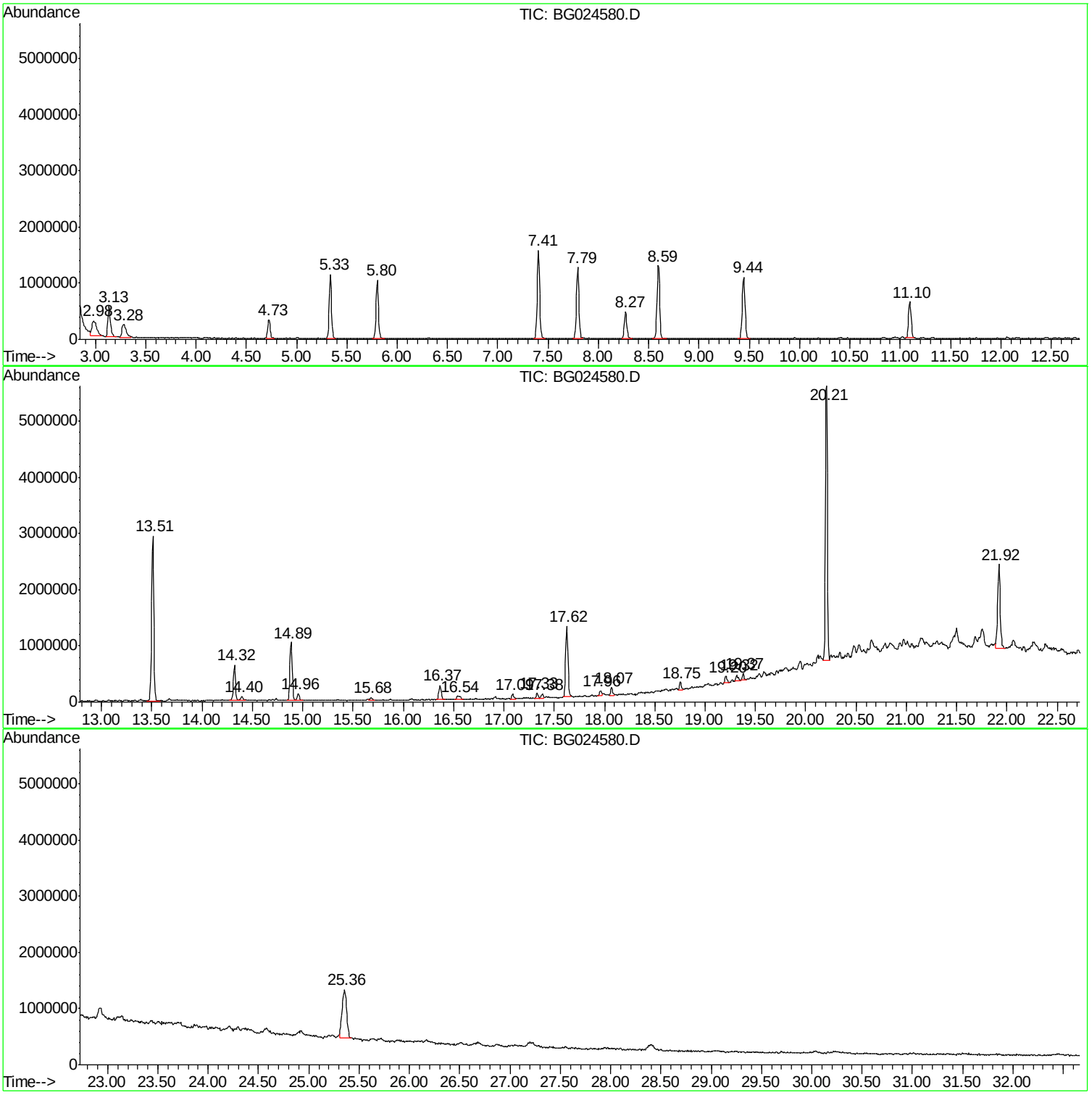
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

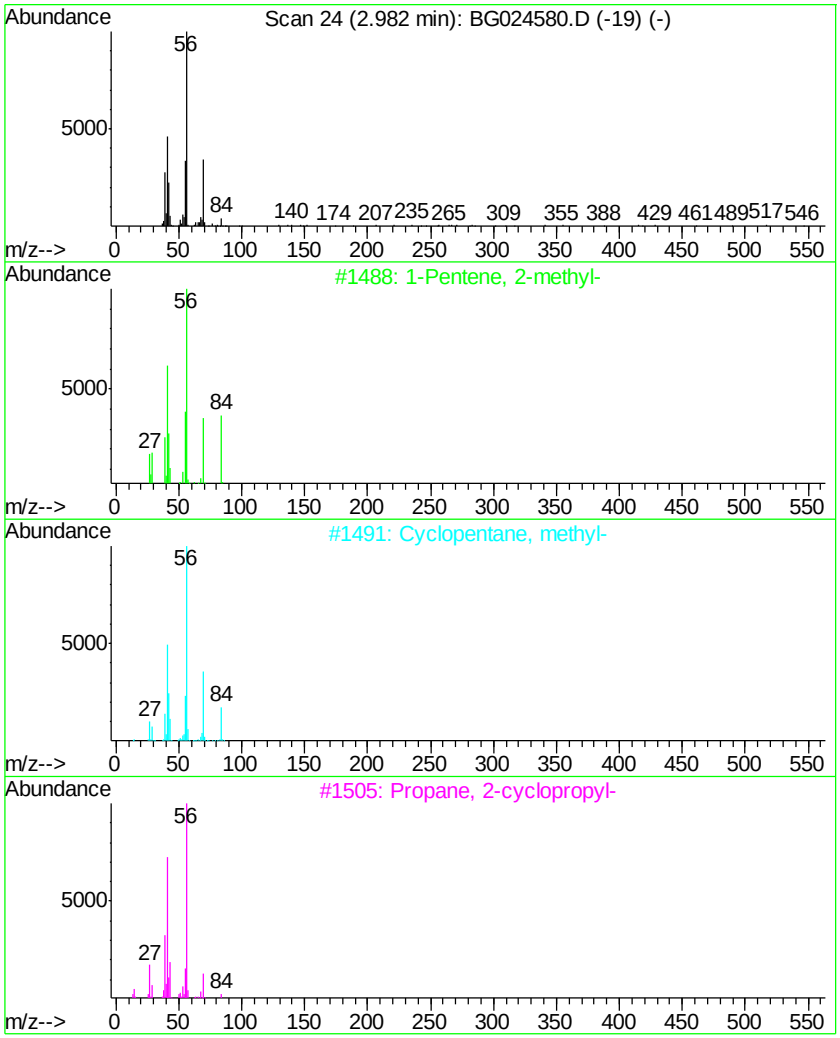
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

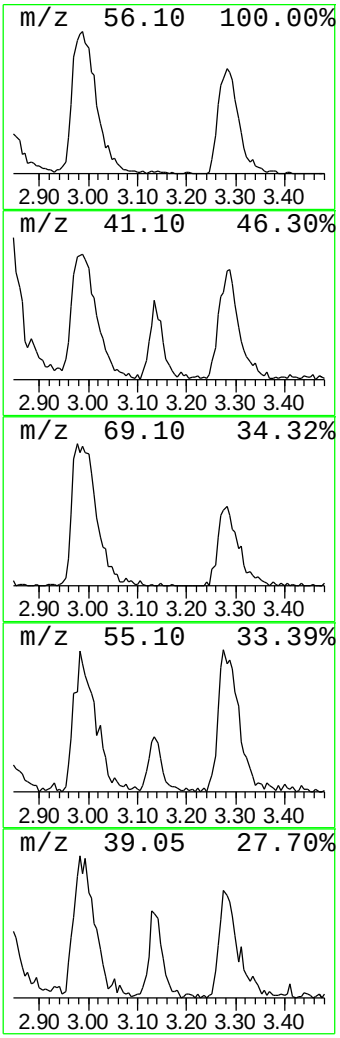
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	19.11 ng	861313	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

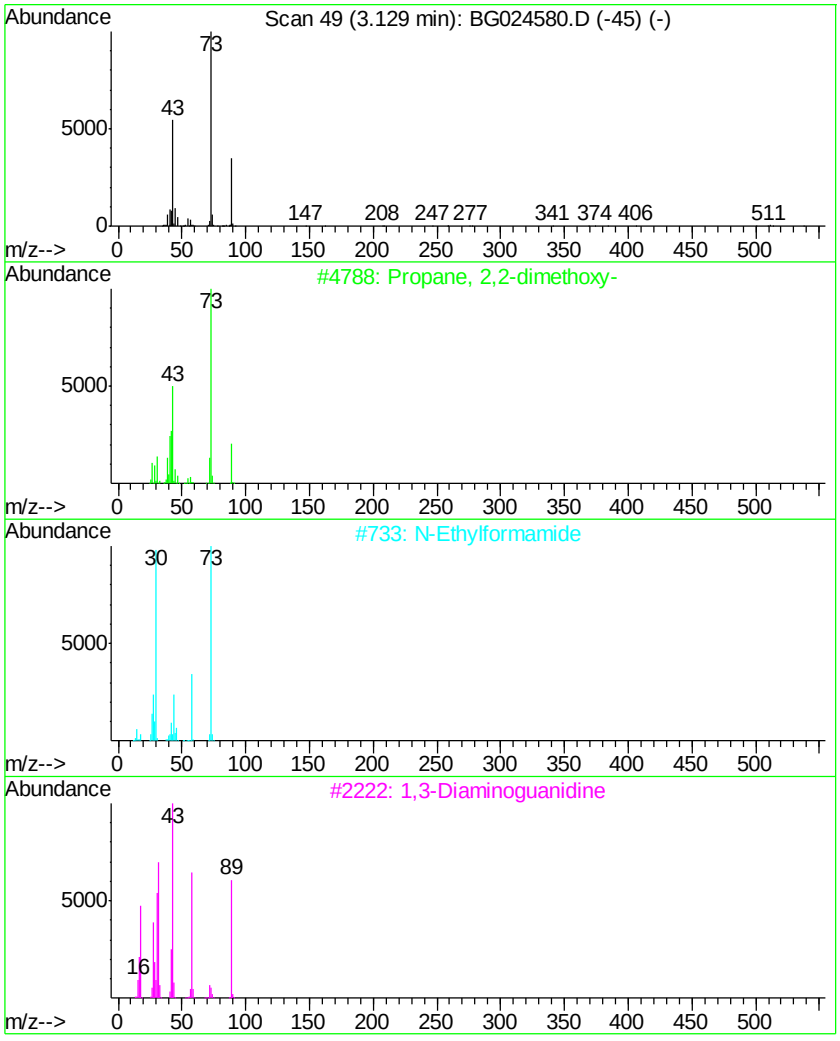
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

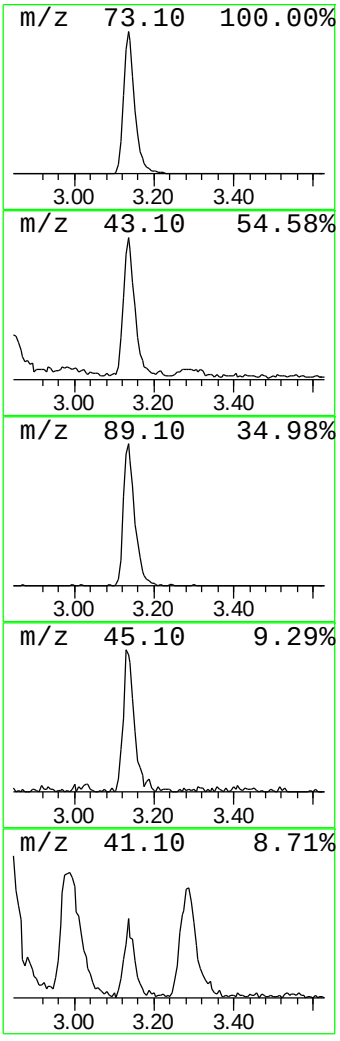
****

Peak Number 2 unknown3.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	22.83 ng	1029270	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

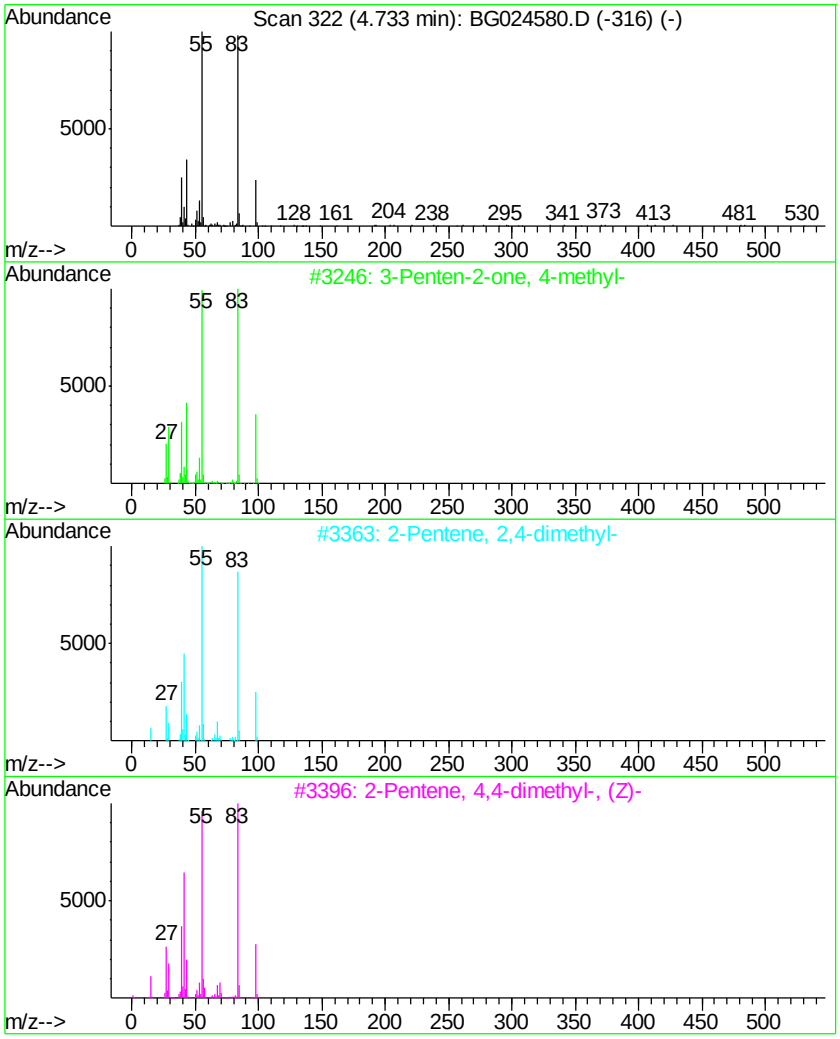
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

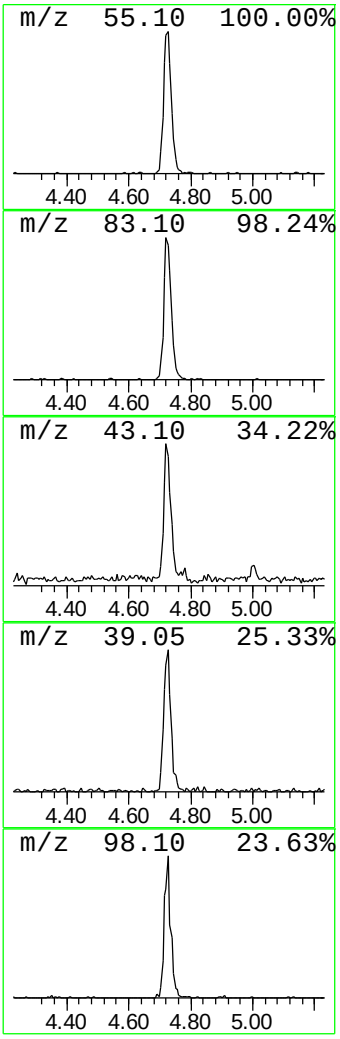
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	12.33 ng	555754	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

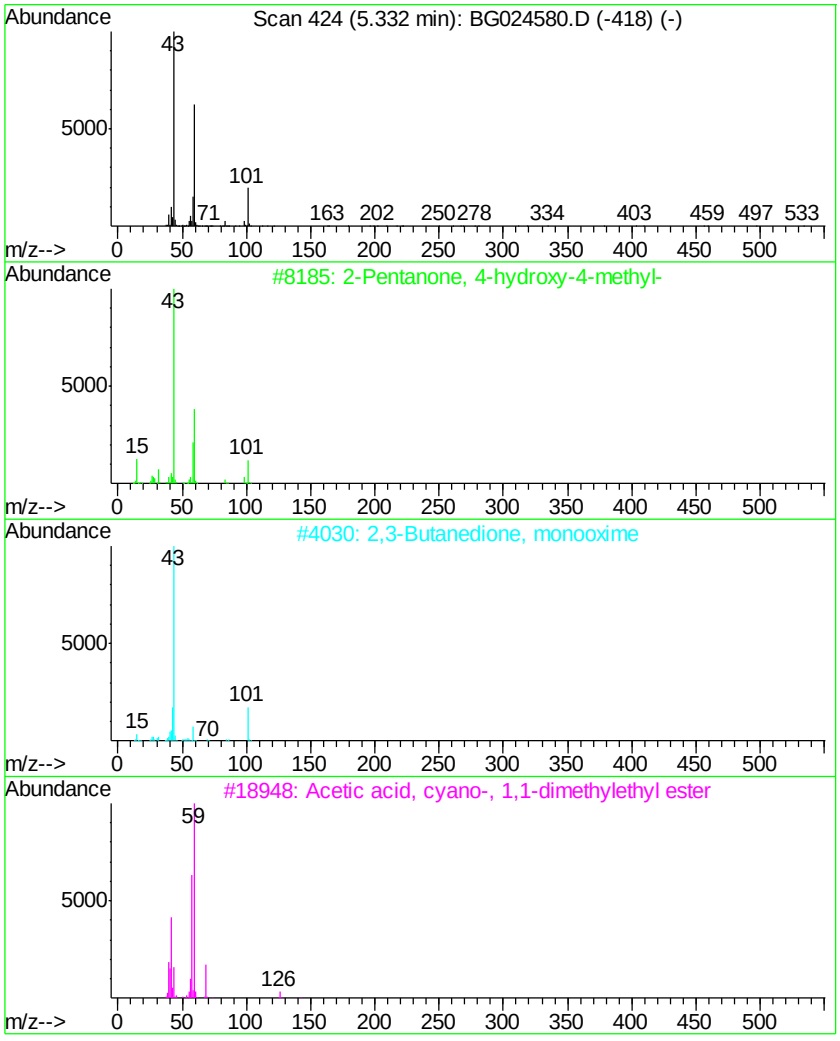
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

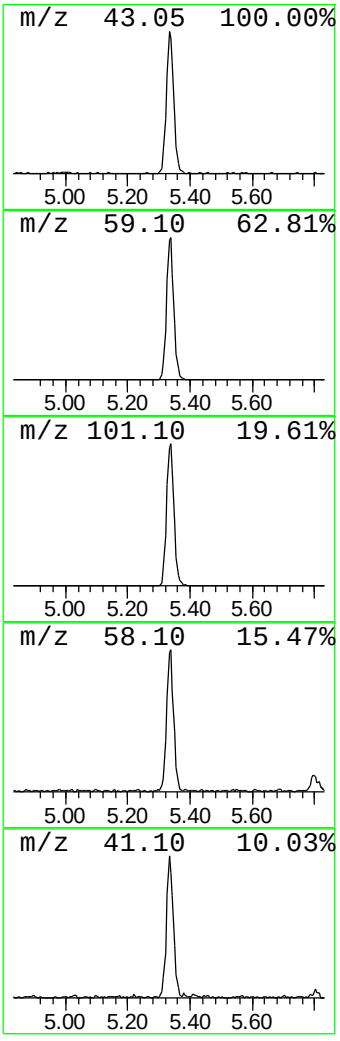
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	42.21 ng	1902670	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

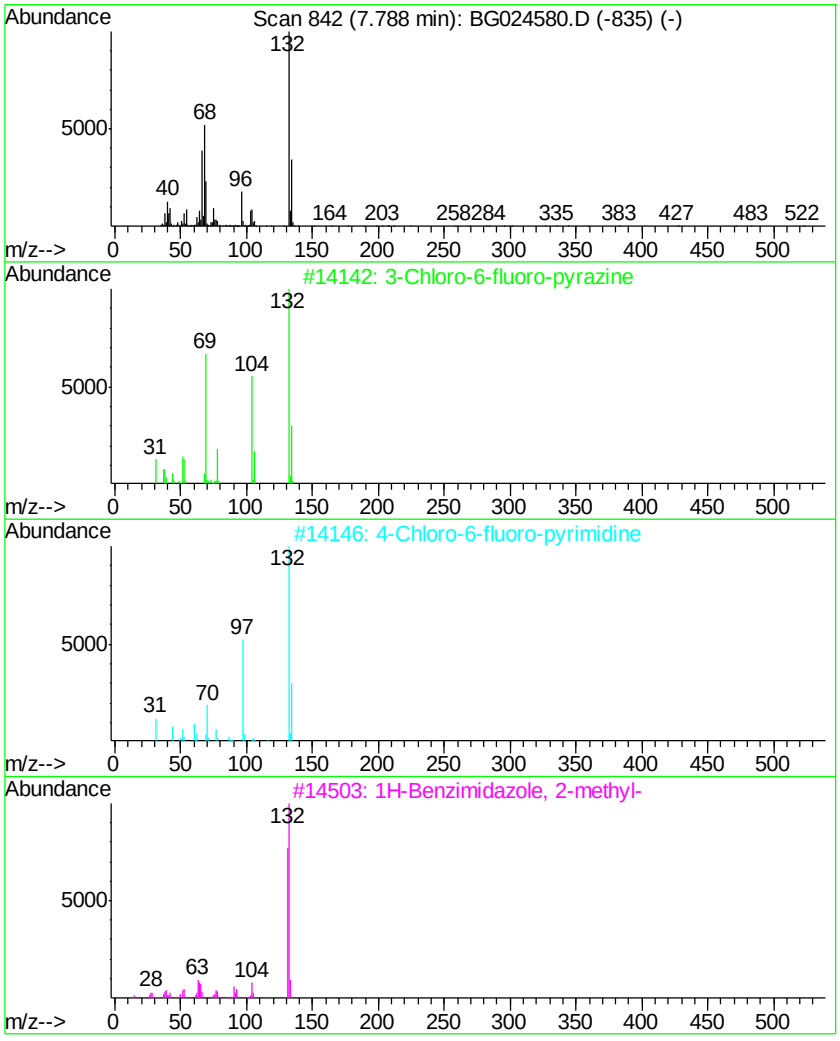
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

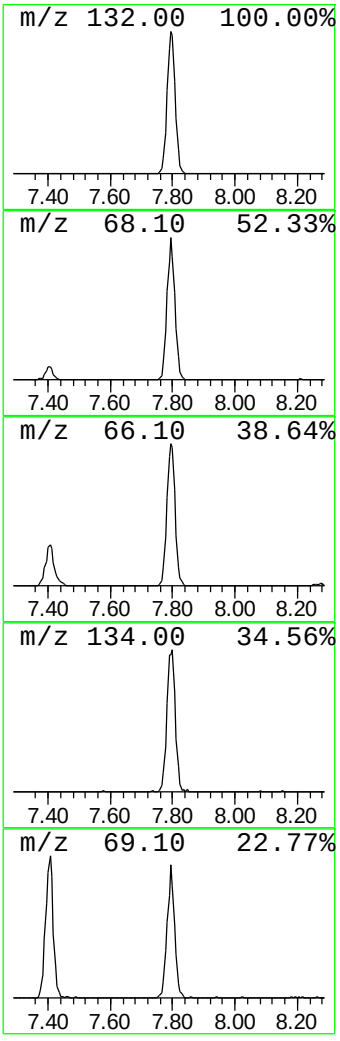
****

Peak Number 6 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	50.89 ng	2293790	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5	1H-Indenol	132	C9H8O	056631-57-3	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
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Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

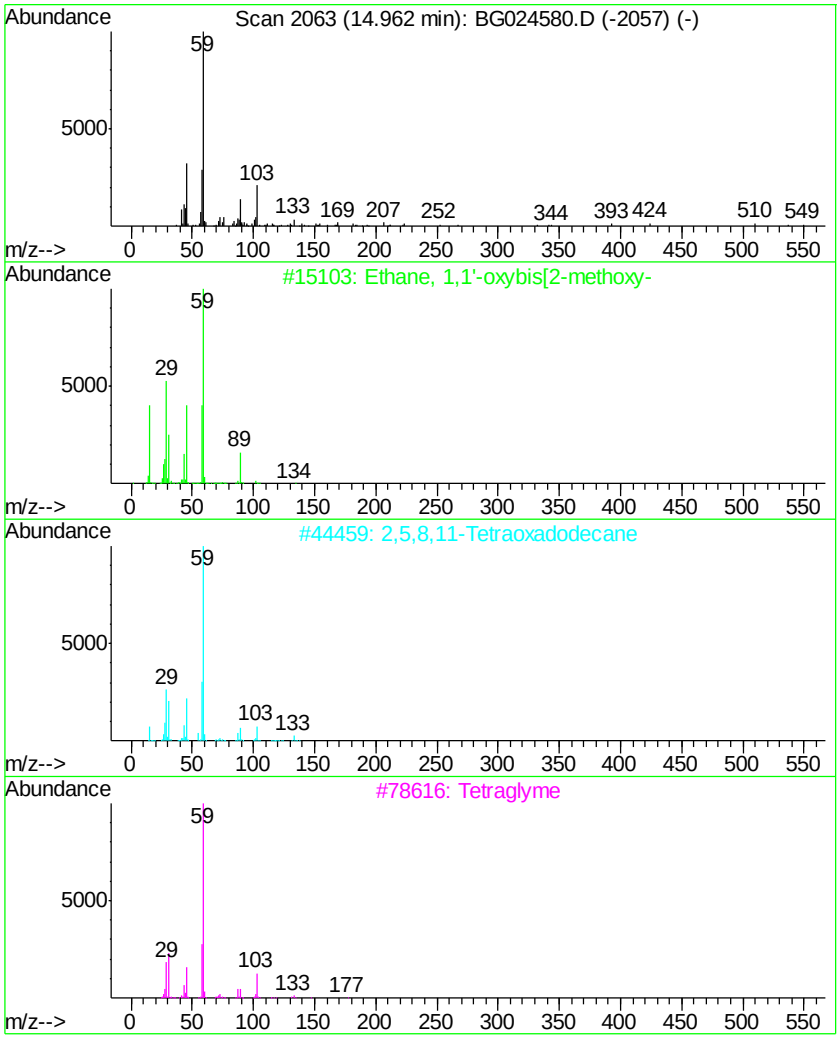
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

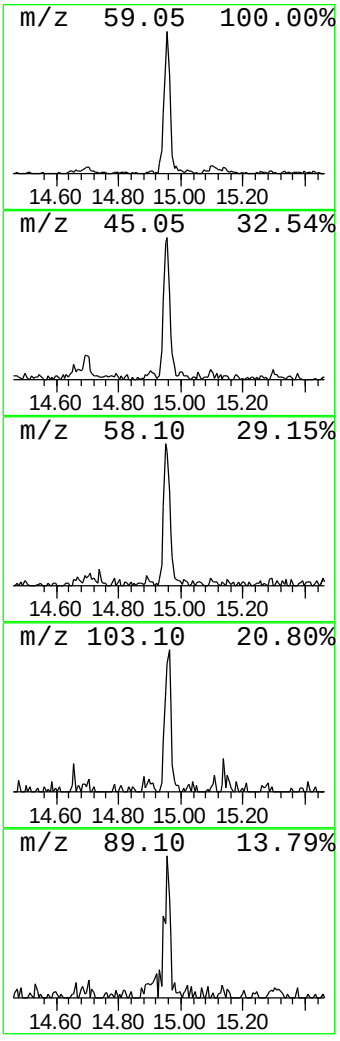
****

Peak Number 8 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.17 ng	181791	Acenaphthene-d10	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	72
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	72
3	Tetraglyme	222	C10H22O5	000143-24-8	64
4	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	64
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024580.D
Acq On : 1 Nov 2016 7:00
Operator : UM/SJ
Sample : H5445-06
Misc :
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Instrument : BNA_G
ClientSampleId : SB-6-5-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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
1-Pentene, 2-methyl-	2.98	19.1	ng	861313	1	8.27	901552	20.0
unknown3.13	3.13	22.8	ng	1029270	1	8.27	901552	20.0
3-Penten-2-one, 4...	4.73	12.3	ng	555754	1	8.27	901552	20.0
2-Pentanone, 4-hy...	5.33	42.2	ng	1902670	1	8.27	901552	20.0
unknown7.79	7.79	50.9	ng	2293790	1	8.27	901552	20.0
Ethane, 1,1'-oxyb...	14.96	2.2	ng	181791	3	14.89	1675380	20.0