LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030983.D
Acq On : 13 Nov 2017 21:24
Operator : SJ/JU
Sample : I6390-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3N-22

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-BG111017.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	4.611	220	225	232	rBV	20671	32921	1.14%	0.232%
2	5.222	322	329	340	rBV	106063	164722	5.70%	1.159%
3	5.704	404	411	422	rBV	464503	767710	26.57%	5.402%
4	7.308	676	684	699	rBV	467545	888876	30.76%	6.254%
5	7.678	737	747	759	rBV	477220	845356	29.26%	5.948%
6	8.142	819	826	835	rBV	141906	240422	8.32%	1.692%
7	8.465	872	881	892	rVB	373883	679553	23.52%	4.781%
8	9.305	1017	1024	1037	rBV	268269	517189	17.90%	3.639%
9	10.956	1299	1305	1316	rBV	171575	335084	11.60%	2.358%
10	12.261	1522	1527	1534	rBV3	17186	31159	1.08%	0.219%
11	13.383	1711	1718	1729	rBV	954740	1523229	52.72%	10.717%
12	14.205	1851	1858	1868	rBV2	53660	93744	3.24%	0.660%
13	14.758	1942	1952	1963	rBV2	326715	559736	19.37%	3.938%
14	16.103	2175	2181	2187	rBV	81865	127546	4.41%	0.897%
15	16.244	2198	2205	2216	rBV	910920	1435207	49.67%	10.098%
16	17.502	2411	2419	2430	rBV2	498956	814027	28.17%	5.727%
17	18.365	2563	2566	2575	rBV6	15867	29655	1.03%	0.209%
18	20.087	2853	2859	2872	rVB	2146880	2889507	100.00%	20.330%
19	21.379	3074	3079	3083	rBV3	53658	83278	2.88%	0.586%
20	21.767	3139	3145	3156	rVB2	589008	1028048	35.58%	7.233%
21	23.453	3428	3432	3438	rVB6	19763	39599	1.37%	0.279%
22	25.063	3695	3706	3718	rBV	351094	1086132	37.59%	7.642%

Sum of corrected areas: 14212700

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030983.D
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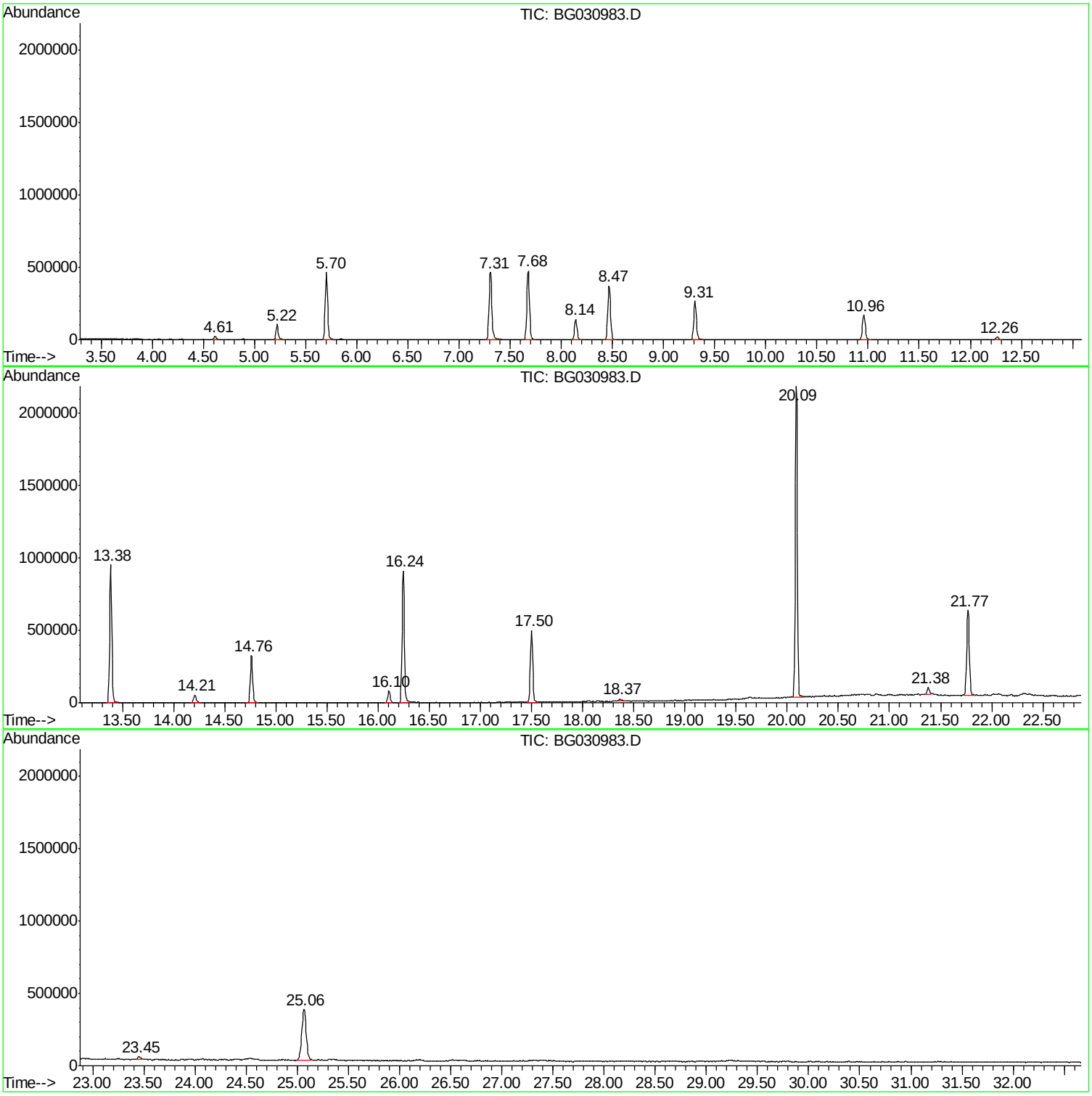
Operator : SJ/JU
Sample : I6390-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3N-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030983.D
Acq On : 13 Nov 2017 21:24
Operator : SJ/JU
Sample : I6390-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3N-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

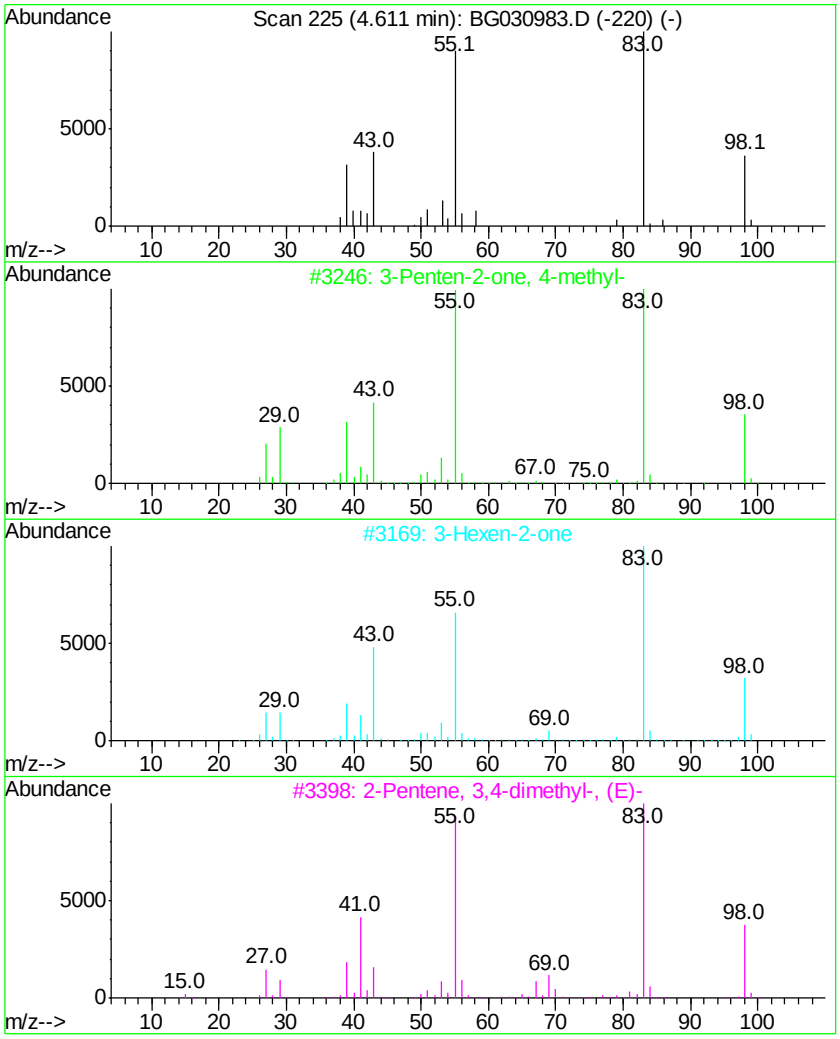
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

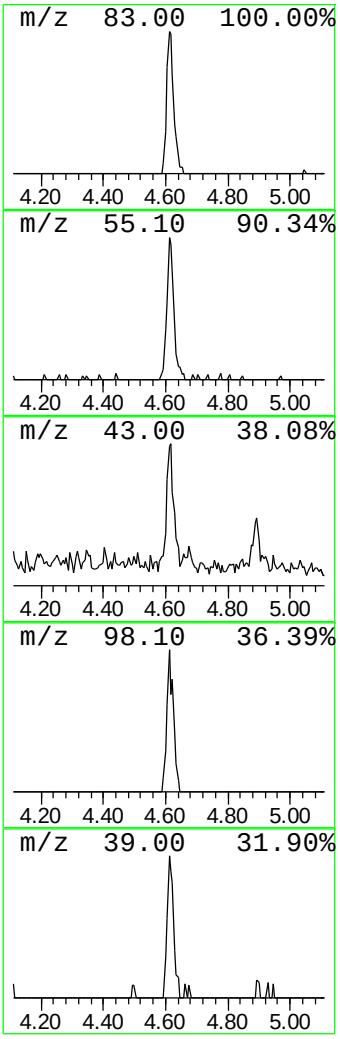
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	2.74 ng	32921	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3N-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

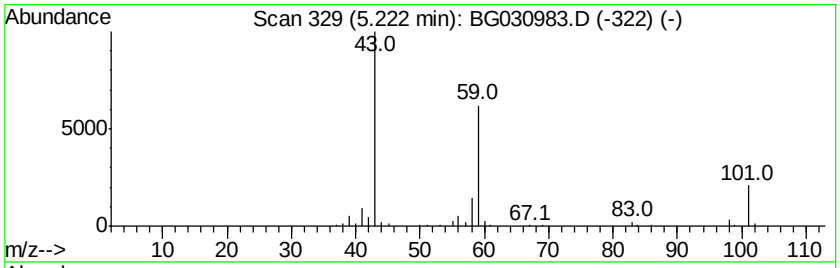
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

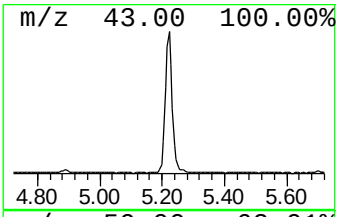
****

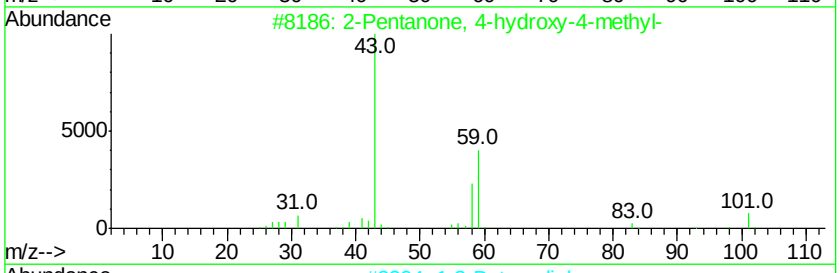
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

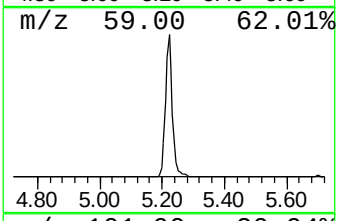
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	13.70 ng	164722	1,4-Dichlorobenzene-d4	8.14

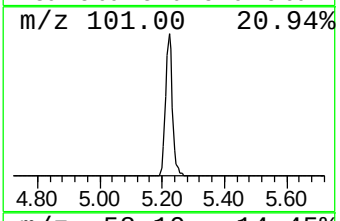
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

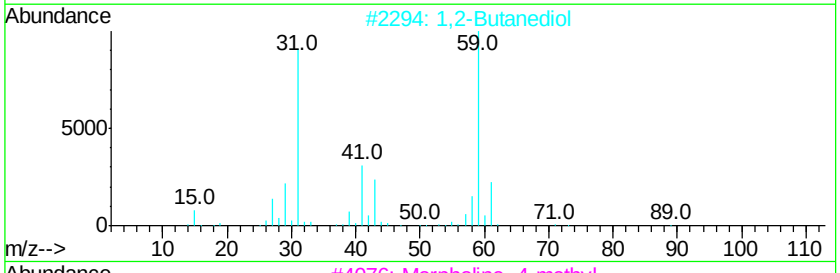


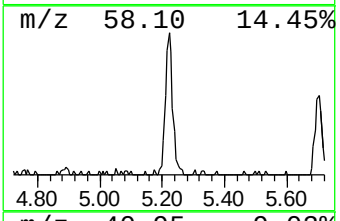


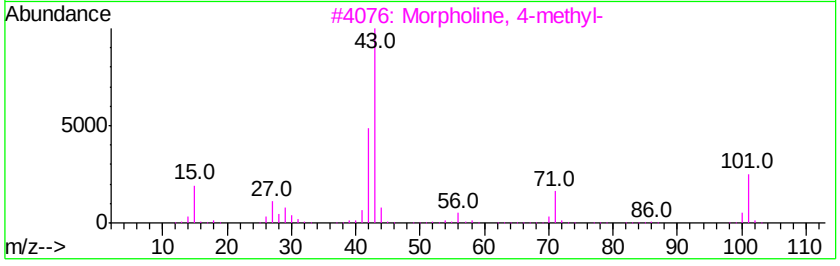


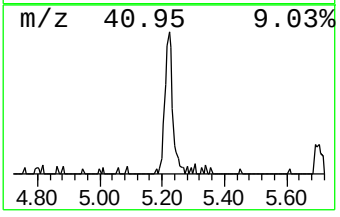












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Instrument : BNA_G
ClientSampleId : 3N-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

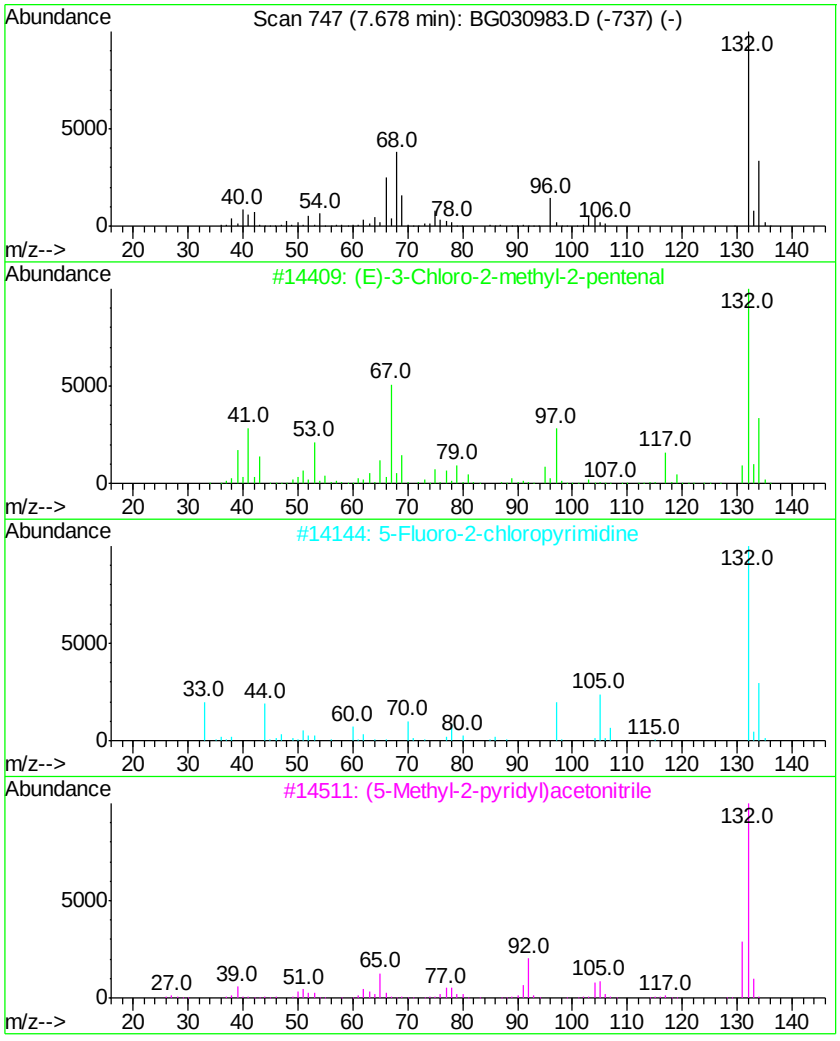
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

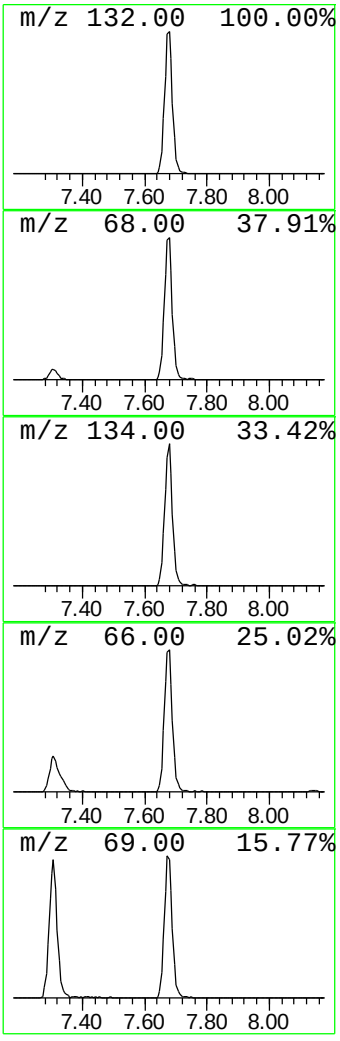
****

Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	70.32 ng	845356	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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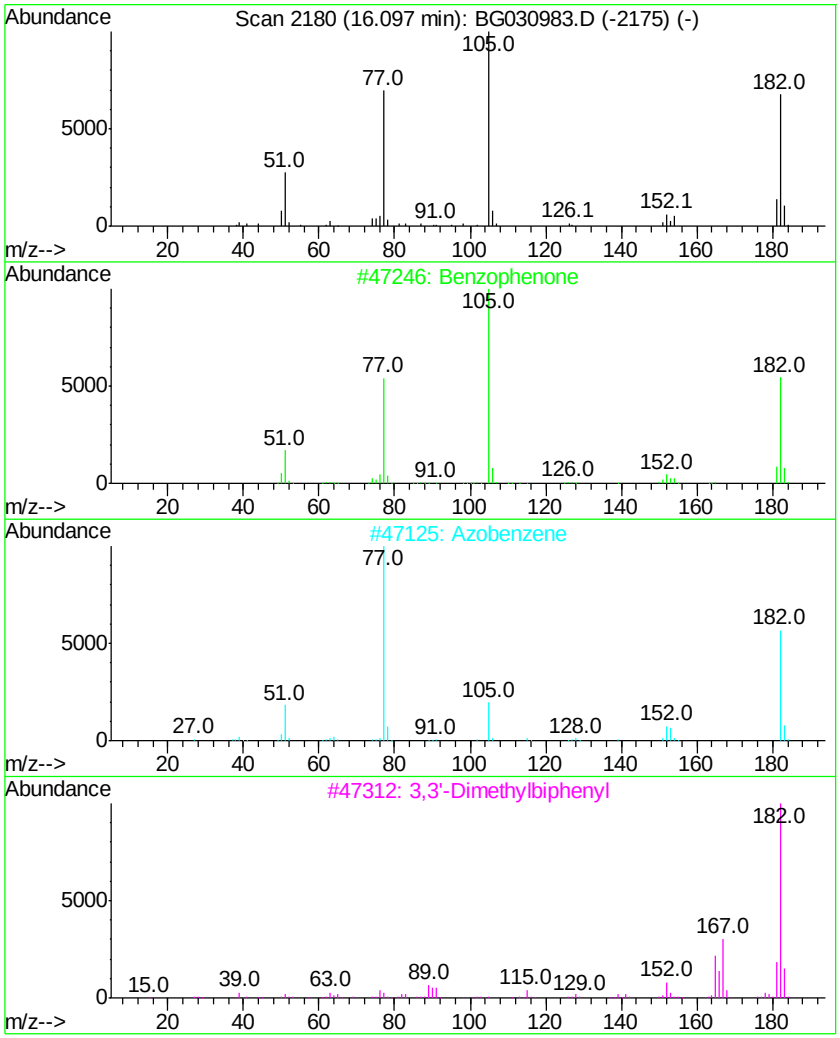
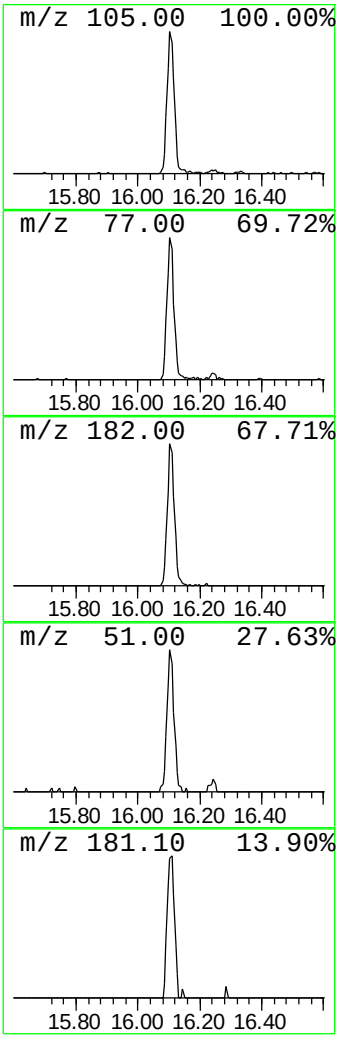
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	4.56 ng	127546	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46
4	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.61	2.7	ng	32921	1	8.14	240422	20.0
2-Pentanone, 4-hy...	5.22	13.7	ng	164722	1	8.14	240422	20.0
unknown7.68	7.68	70.3	ng	845356	1	8.14	240422	20.0
Benzophenone	16.10	4.6	ng	127546	3	14.76	559736	20.0