LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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	5.221	322	329	335	rBV2	44780	72768	1.75%	0.339%
2	5.703	402	411	422	rBV	337462	571571	13.72%	2.663%
3	7.307	676	684	699	rBV	198351	401448	9.64%	1.870%
4	7.677	739	747	758	rBV	653282	1152572	27.66%	5.369%
5	8.141	819	826	834	rBV	170311	288166	6.92%	1.342%
6	8.470	873	882	890	rBV	691245	1225283	29.41%	5.708%
7	9.310	1015	1025	1039	rBV	487874	924911	22.20%	4.308%
8	10.227	1167	1181	1194	rBV	32090	89957	2.16%	0.419%
9	10.955	1298	1305	1315	rVB	229487	418327	10.04%	1.949%
10	13.382	1710	1718	1728	rBV	1719512	2667947	64.04%	12.428%
11	14.198	1851	1857	1864	rBV	157333	255021	6.12%	1.188%
12	14.757	1942	1952	1963	rVB3	409042	674415	16.19%	3.142%
13	16.102	2176	2181	2191	rVB3	41283	76405	1.83%	0.356%
14	16.243	2198	2205	2219	rBV	1441692	2308376	55.41%	10.753%
15	17.495	2412	2418	2425	rBV2	553914	873642	20.97%	4.070%
16	18.135	2524	2527	2532	rVB	56260	72923	1.75%	0.340%
17	18.311	2554	2557	2561	rBV5	48059	72505	1.74%	0.338%
18	18.364	2563	2566	2571	rVV4	40983	61906	1.49%	0.288%
19	18.834	2643	2646	2650	rBV	54725	69447	1.67%	0.324%
20	20.092	2855	2860	2866	rVB	3177231	4166203	100.00%	19.407%
21	21.772	3142	3146	3151	rVB2	584047	910070	21.84%	4.239%
22	25.080	3702	3709	3725	rVB3	425003	1303392	31.28%	6.072%
23	26.866	4007	4013	4030	rVB5	307427	1291065	30.99%	6.014%
24	28.018	4199	4209	4222	rVB3	399921	1518864	36.46%	7.075%

Sum of corrected areas: 21467184

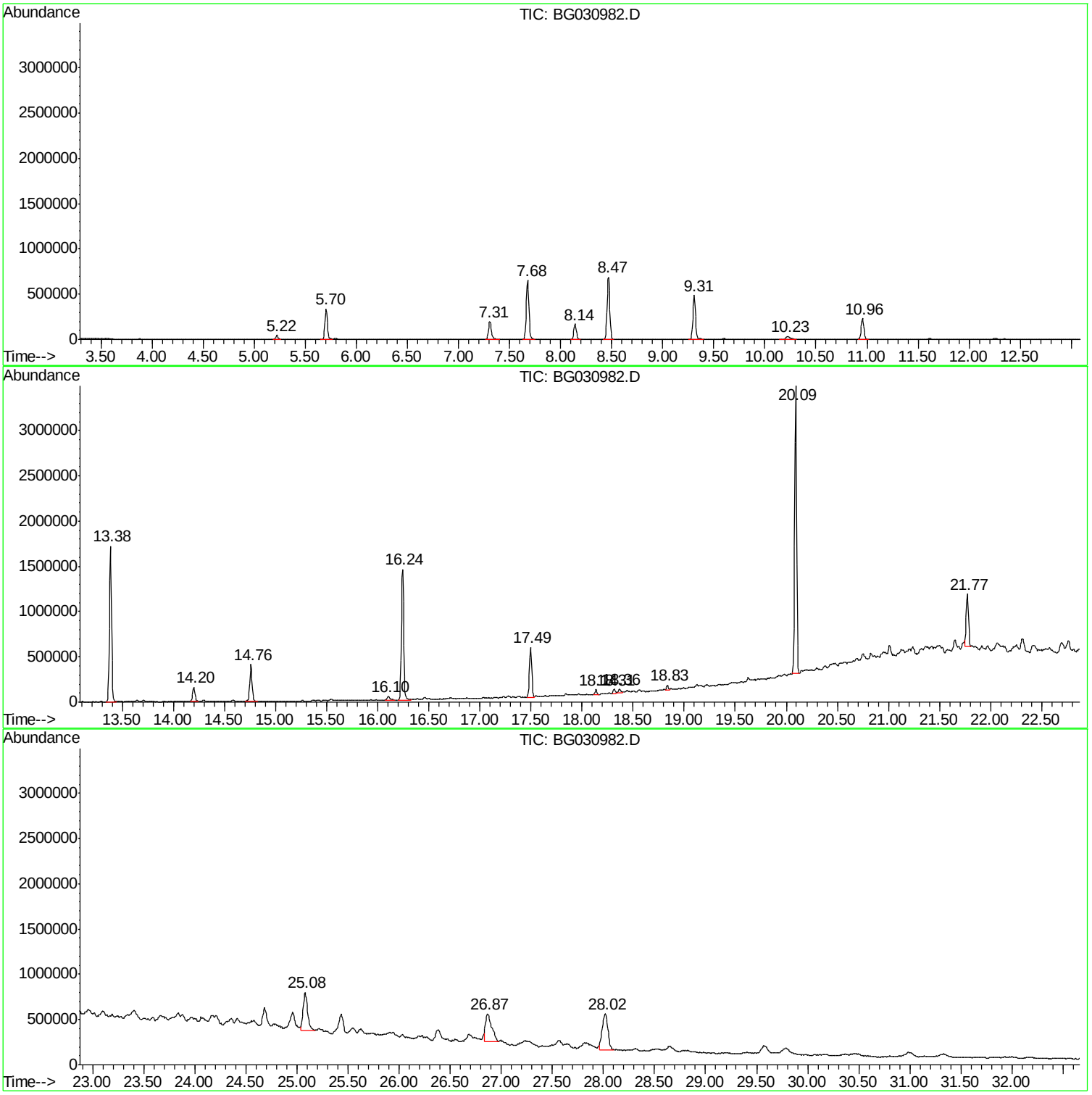
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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 : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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

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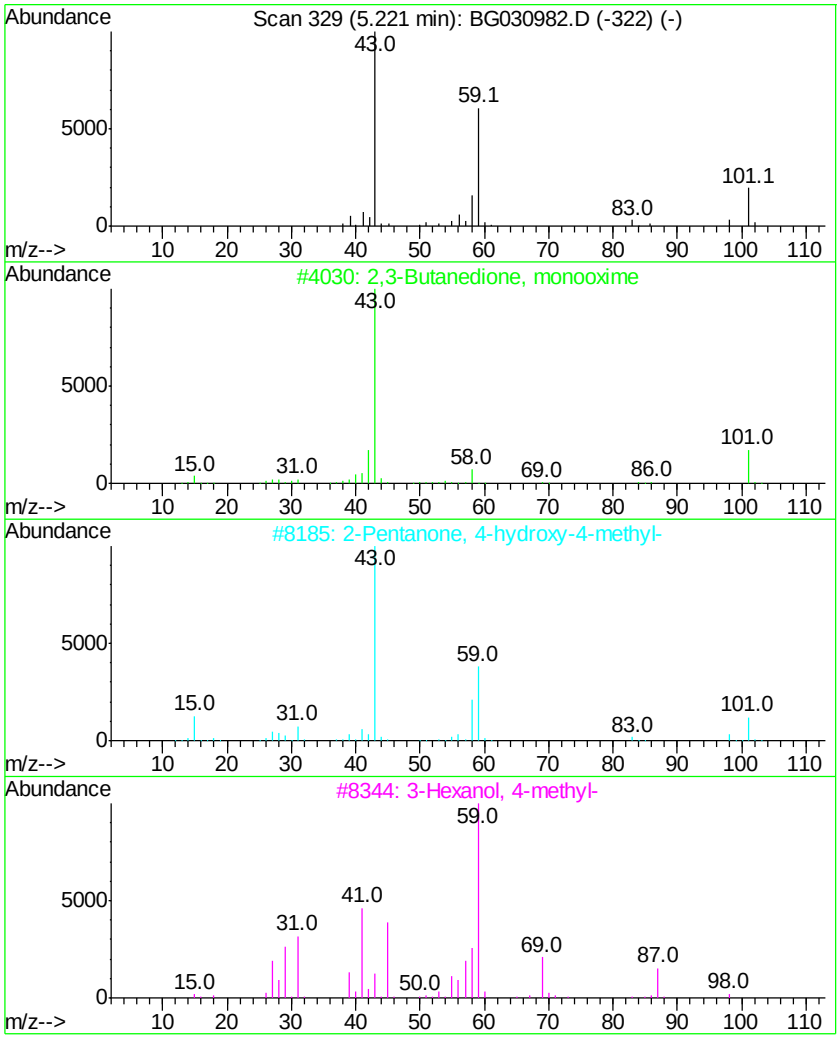
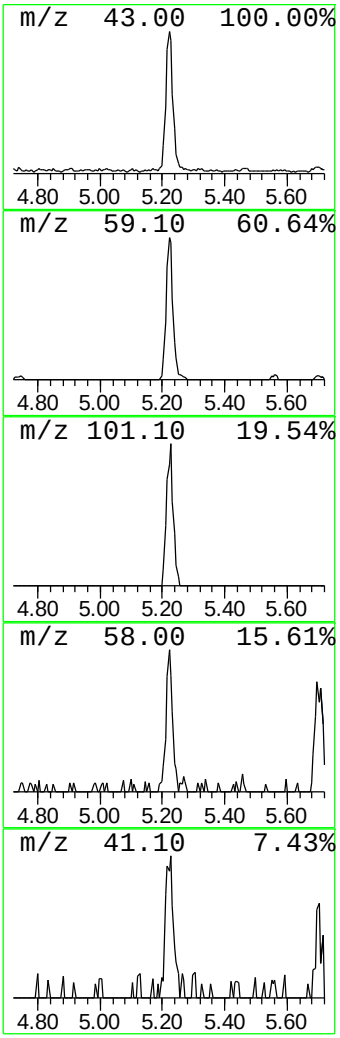
Peak Number 1 unknown5.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.05 ng	72768	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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

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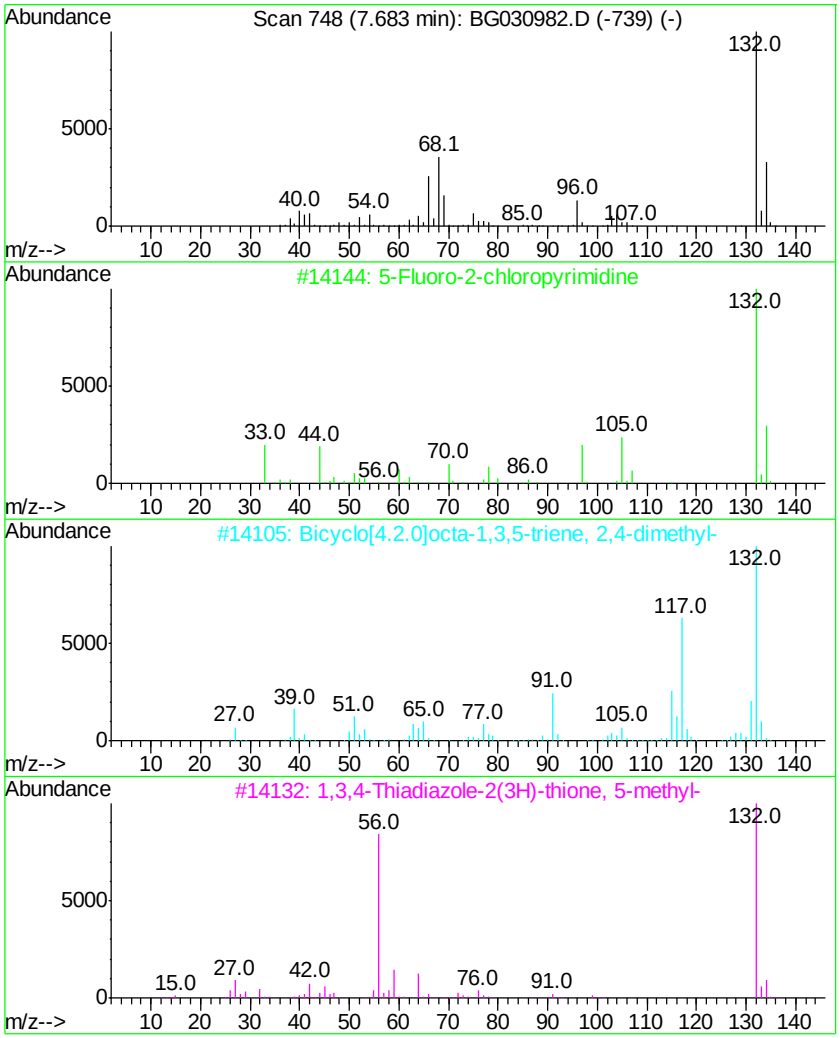
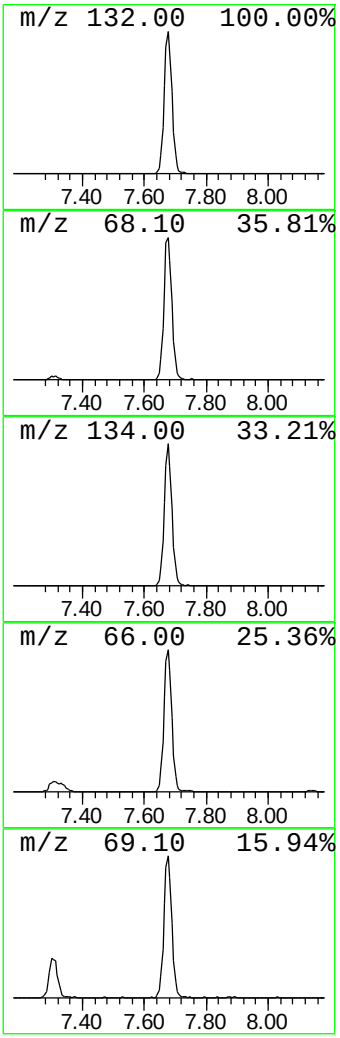
Peak Number 2 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.99 ng	1152570	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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

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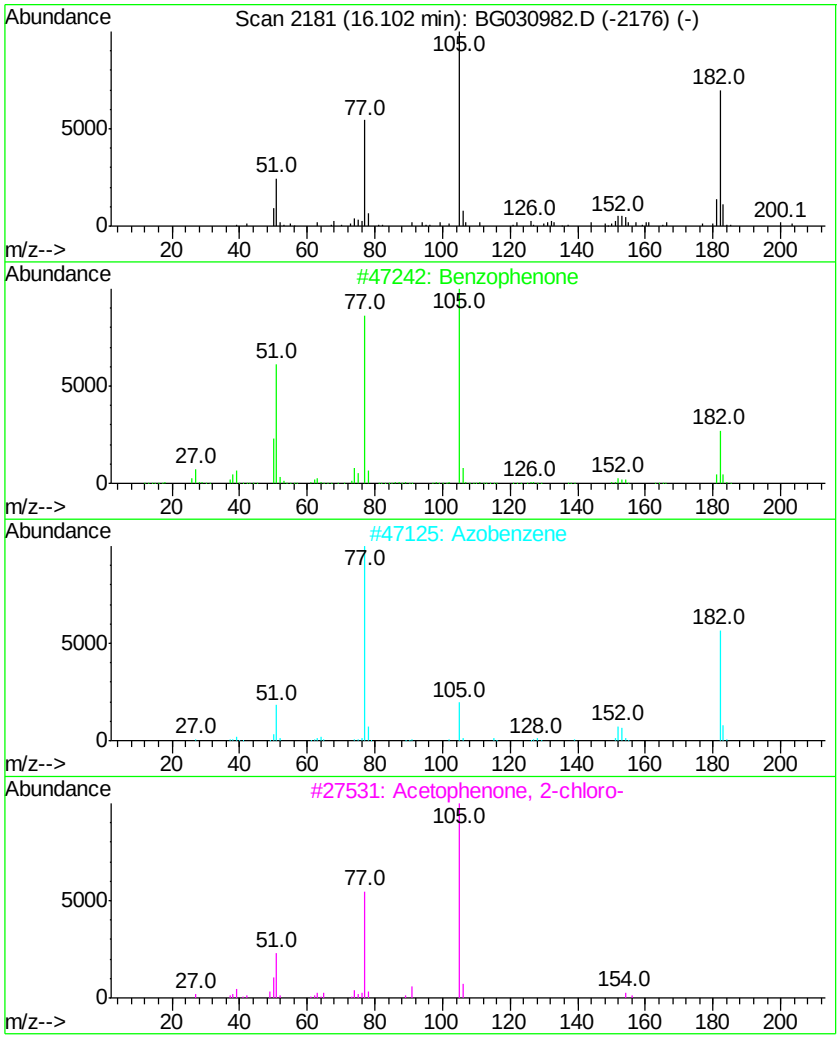
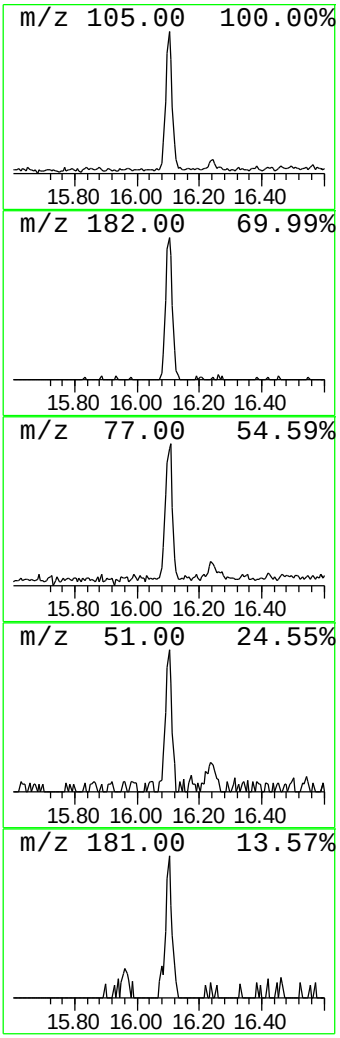
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.27 ng	76405	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	47
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030982.D
Acq On : 13 Nov 2017 20:47
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FADW4870L

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
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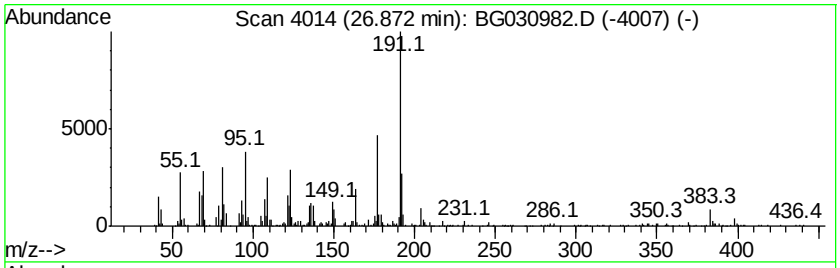
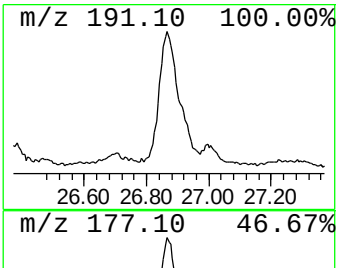
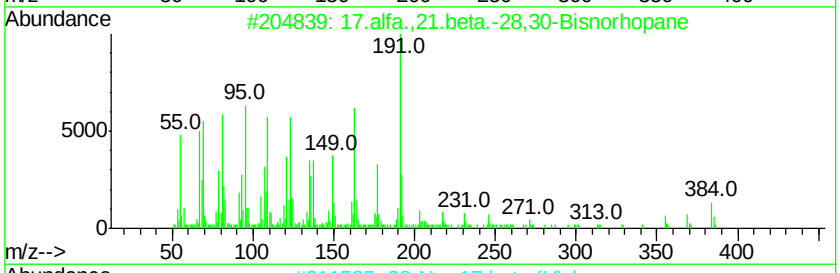
Peak Number 5 unknown26.87 Concentration Rank 4

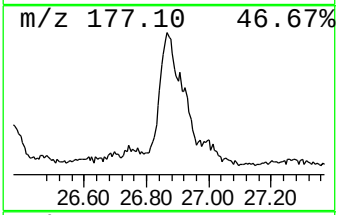
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.87	19.81 ng	1291070	Perylene-d12	25.08

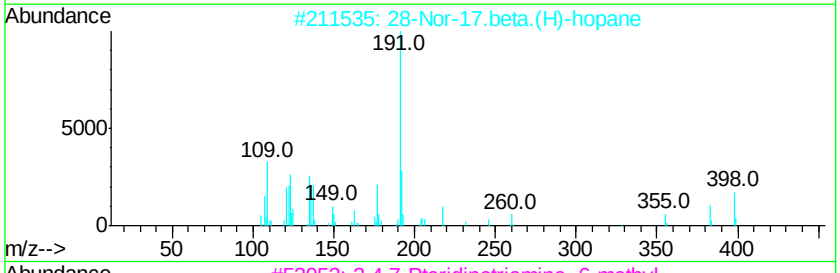
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	47
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	41
3	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	38
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	32

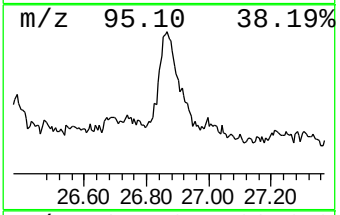


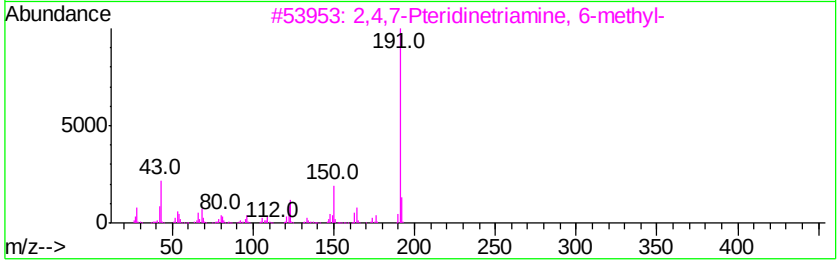


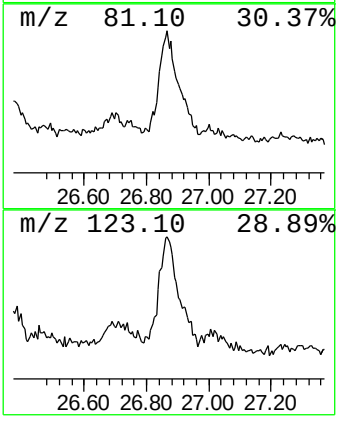












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

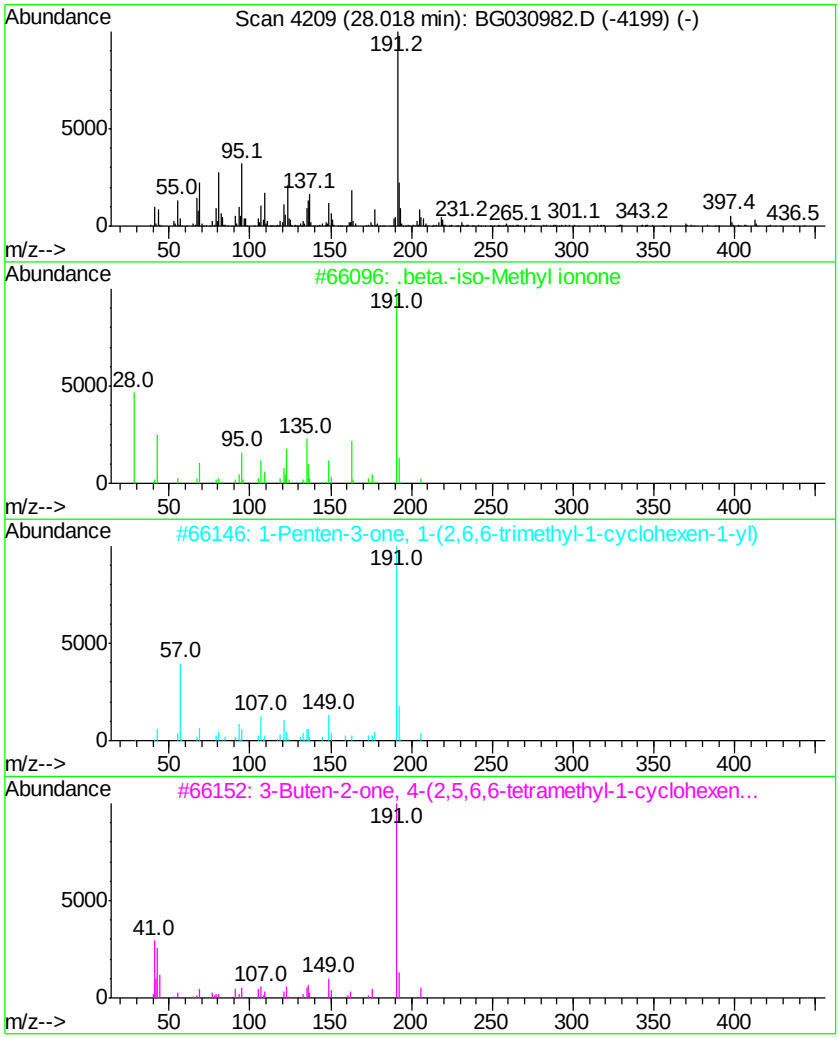
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

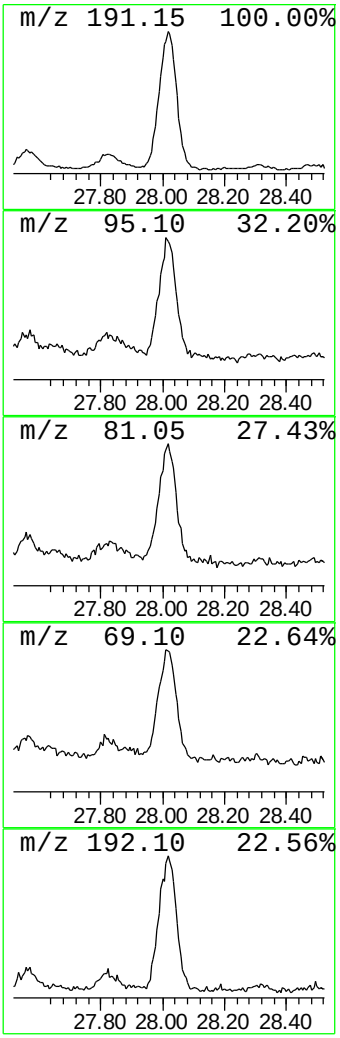
****

Peak Number 6 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.02	23.31 ng	1518860	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	76
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
3	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	49
4	5-Fluoro-2-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000331-61-3	43
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	43





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG111317\
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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
unknown5.22	5.22	5.0	ng	72768	1	8.14	288166	20.0
unknown7.68	7.68	80.0	ng	1152570	1	8.14	288166	20.0
Benzophenone	16.10	2.3	ng	76405	3	14.76	674415	20.0
unknown26.87	26.87	19.8	ng	1291070	6	25.08	1303390	20.0
.beta.-iso-Methyl...	28.02	23.3	ng	1518860	6	25.08	1303390	20.0