LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080124.D
Acq On : 23 Jun 2015 7:43
Operator : TP/IZ
Sample : G2716-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AC-UNDERCUT(0-2)-1

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_F\METHODS\8270-BF061715.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	5.533	212	214	217	rBV	295328	282151	20.41%	2.366%
2	5.933	247	249	251	rBV	1232763	1141038	82.55%	9.567%
3	6.333	282	284	286	rBV	22169	19390	1.40%	0.163%
4	6.550	300	303	311	rBB	31810	39491	2.86%	0.331%
5	6.927	333	336	338	rBV	1077715	1173022	84.86%	9.835%
6	7.087	348	350	352	rBV	1532975	1245834	90.13%	10.445%
7	7.327	369	371	373	rBV	181175	243502	17.62%	2.042%
8	7.476	382	384	387	rBV	776960	866331	62.68%	7.264%
9	7.876	417	419	421	rBV	946241	747976	54.11%	6.271%
10	8.607	481	483	486	rBV	287249	329918	23.87%	2.766%
11	9.156	529	531	533	rBV	15814	14967	1.08%	0.125%
12	9.556	564	566	570	rBV	18515	19755	1.43%	0.166%
13	9.693	575	578	580	rVB	1098669	1295347	93.71%	10.861%
14	10.070	610	611	614	rBV	56714	59984	4.34%	0.503%
15	10.379	636	638	641	rBV	284504	394253	28.52%	3.306%
16	10.688	659	665	669	rBV	14105	25150	1.82%	0.211%
17	11.088	698	700	703	rVB	47379	43465	3.14%	0.364%
18	11.179	705	708	710	rBV	906931	875260	63.32%	7.338%
19	11.888	768	770	772	rBV	561535	463853	33.56%	3.889%
20	13.556	914	916	919	rBV	1477003	1382243	100.00%	11.589%
21	14.597	1005	1007	1015	rBV	51269	104047	7.53%	0.872%
22	14.814	1024	1026	1029	rBV	524671	533618	38.61%	4.474%
23	15.420	1076	1079	1085	rBV2	20286	37191	2.69%	0.312%
24	16.242	1148	1151	1154	rBV	16708	27813	2.01%	0.233%
25	16.677	1185	1189	1192	rBV	354751	526090	38.06%	4.411%
26	17.283	1240	1242	1245	rBV3	7882	17415	1.26%	0.146%
27	18.300	1329	1331	1339	rVB6	7235	17978	1.30%	0.151%

Sum of corrected areas: 11927082

LSC Report - Integrated Chromatogram

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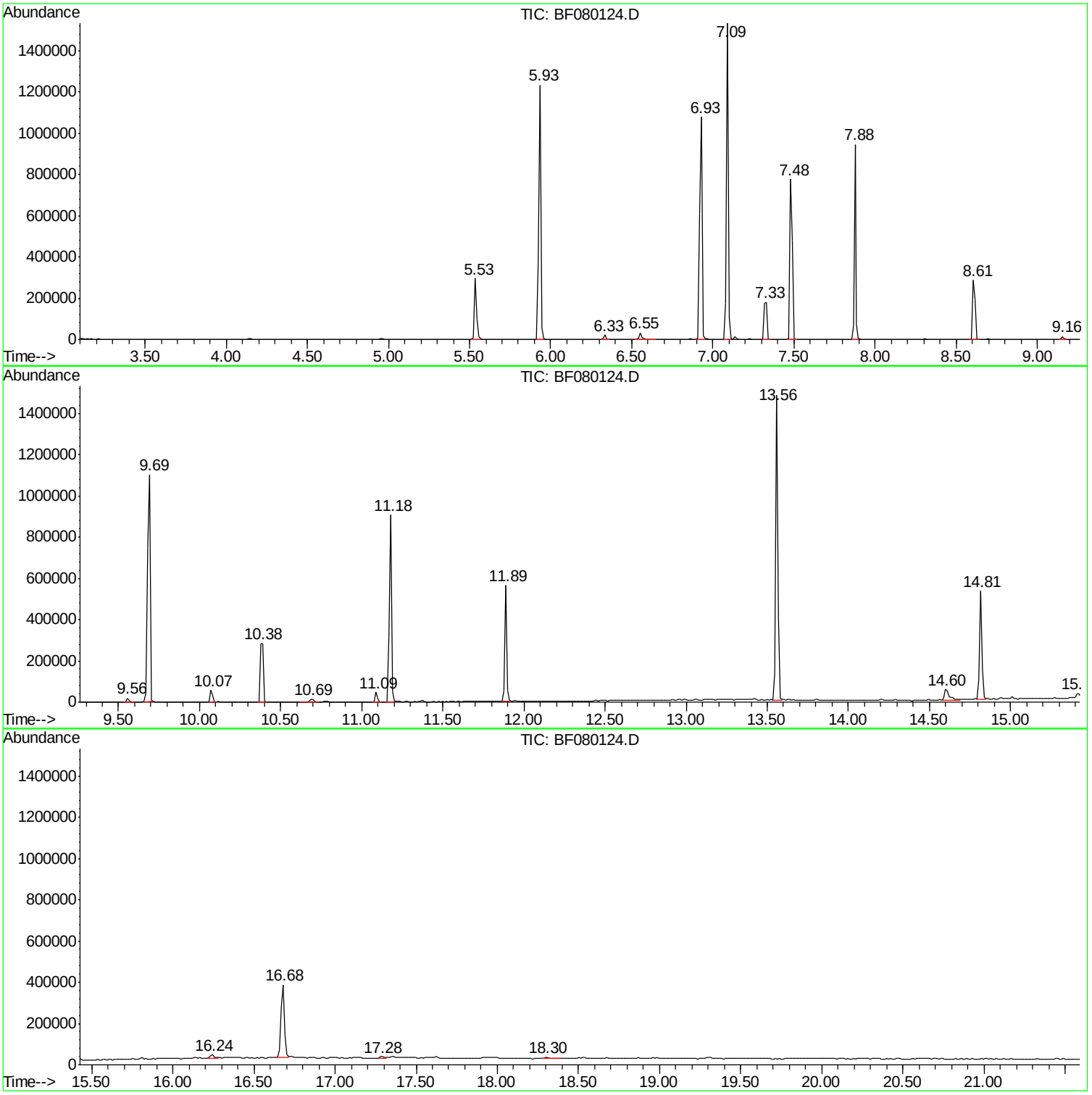
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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_F\DATA\BF062215\
Data File : BF080124.D
Acq On : 23 Jun 2015 7:43
Operator : TP/IZ
Sample : G2716-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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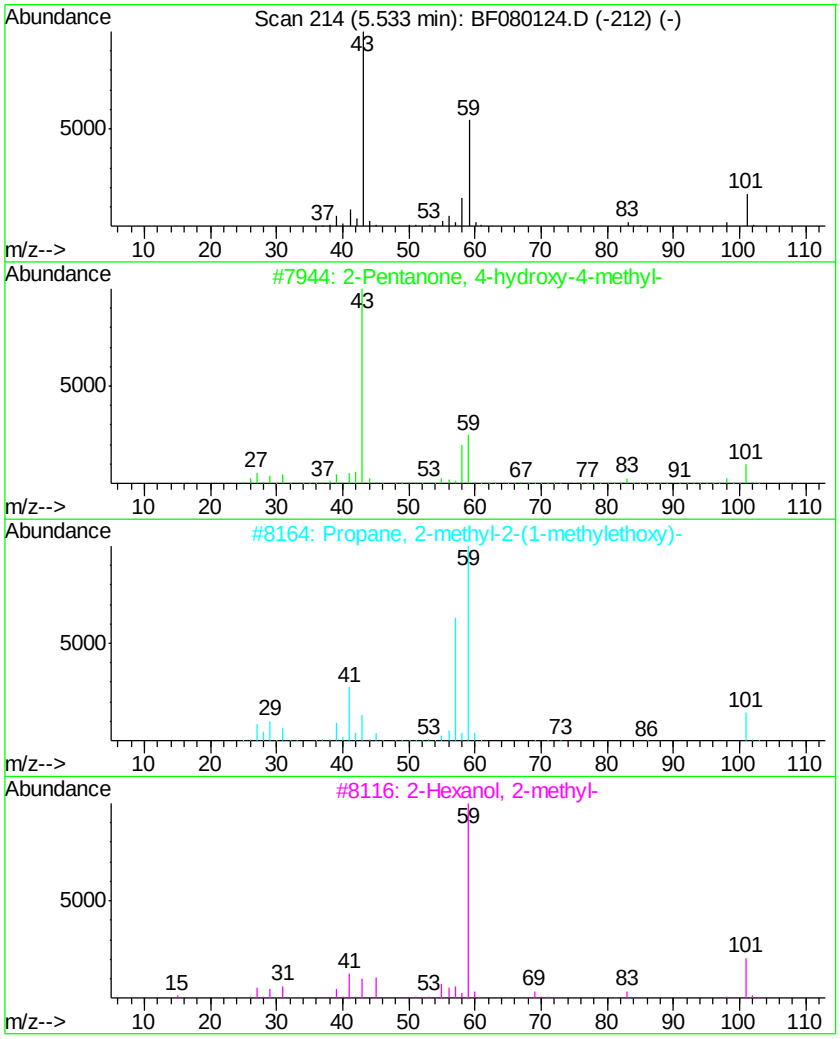
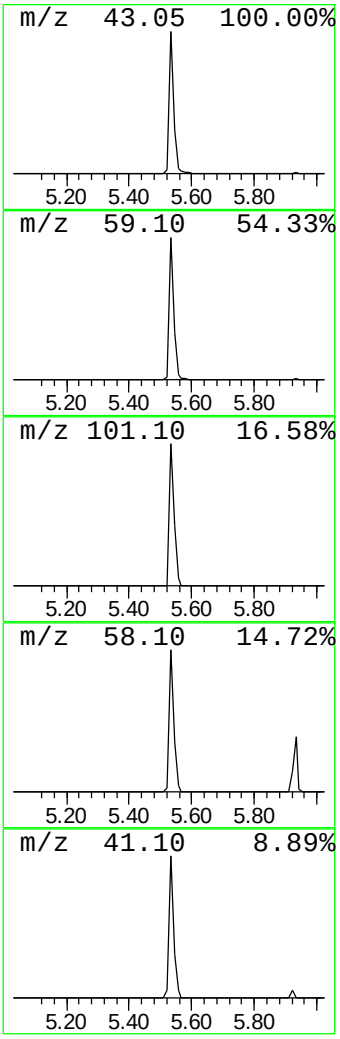
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	23.17 ng	282151	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080124.D
Acq On : 23 Jun 2015 7:43
Operator : TP/IZ
Sample : G2716-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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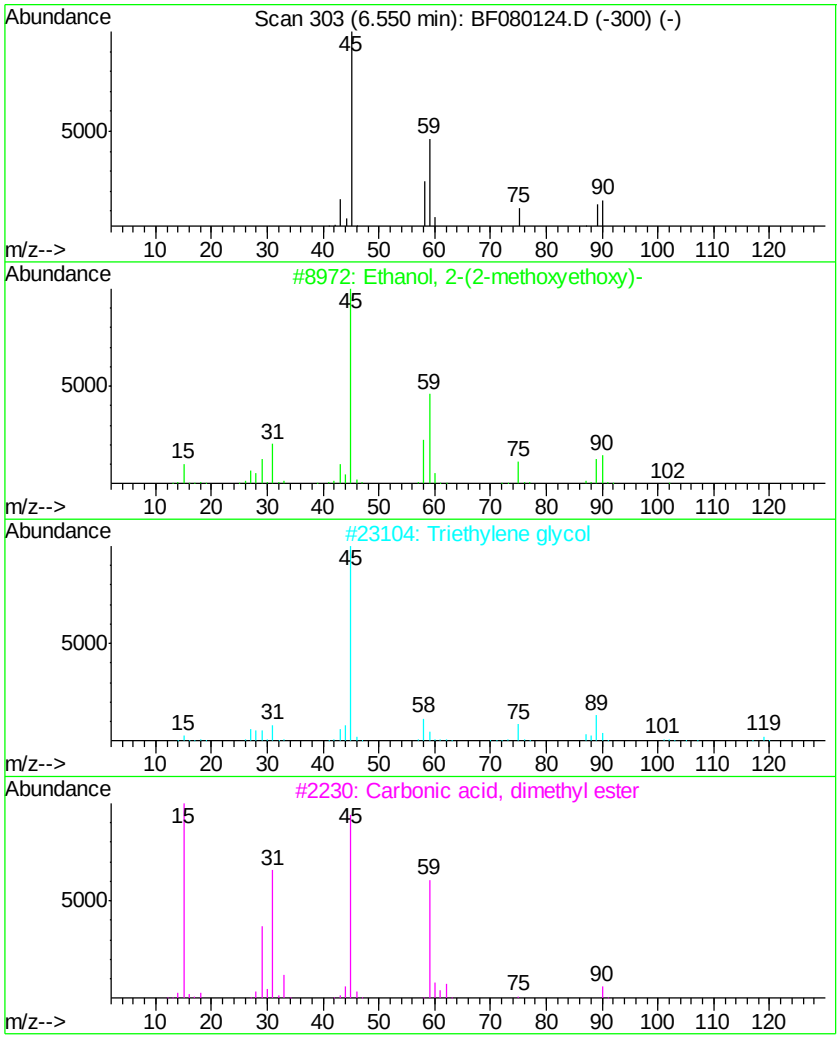
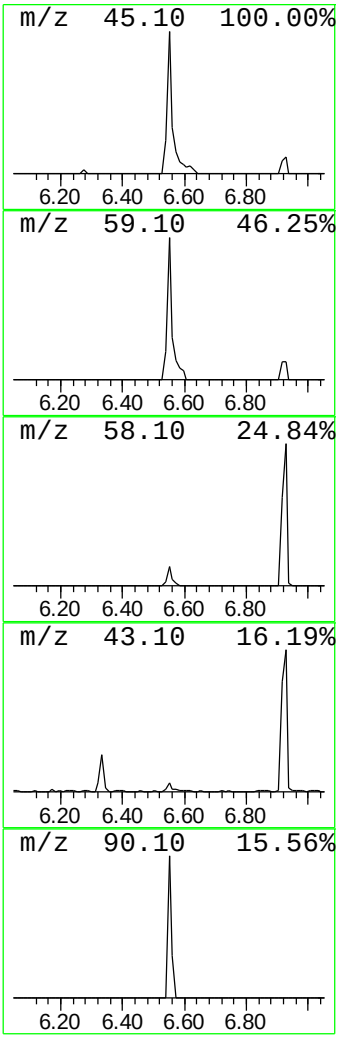
Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.24 ng	39491	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Triethylene glycol	150	C6H14O4	000112-27-6	42
3	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
5	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	37





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Sample : G2716-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
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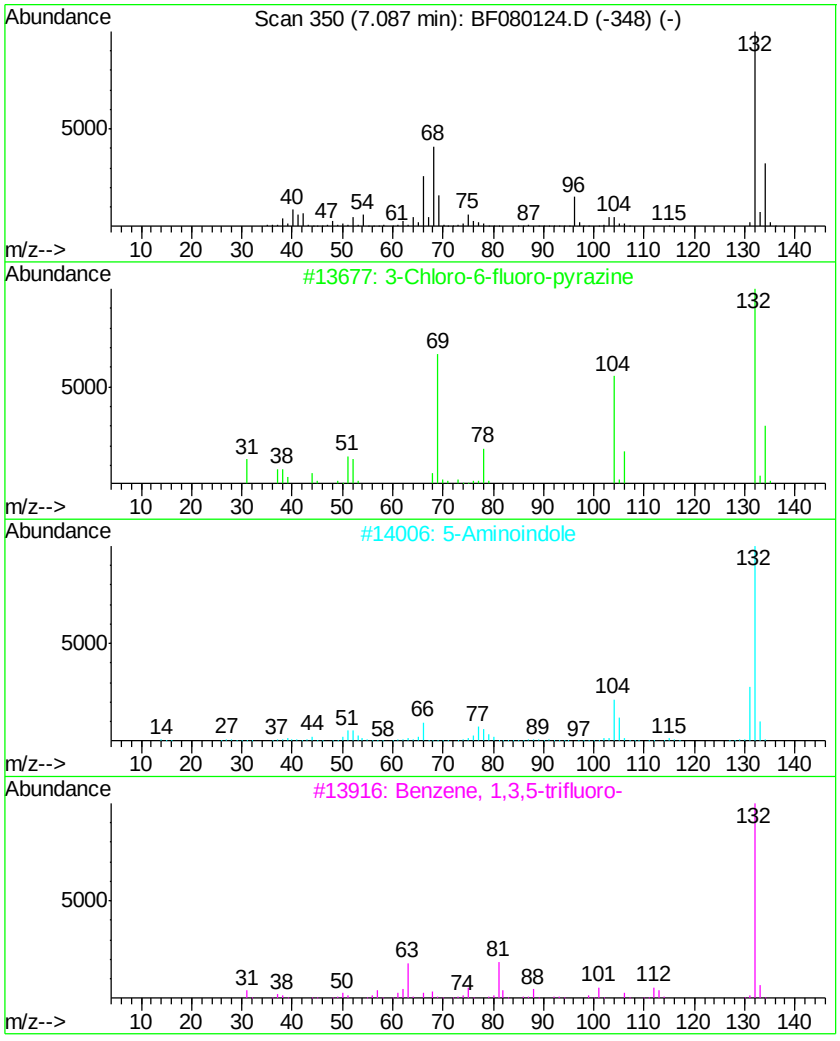
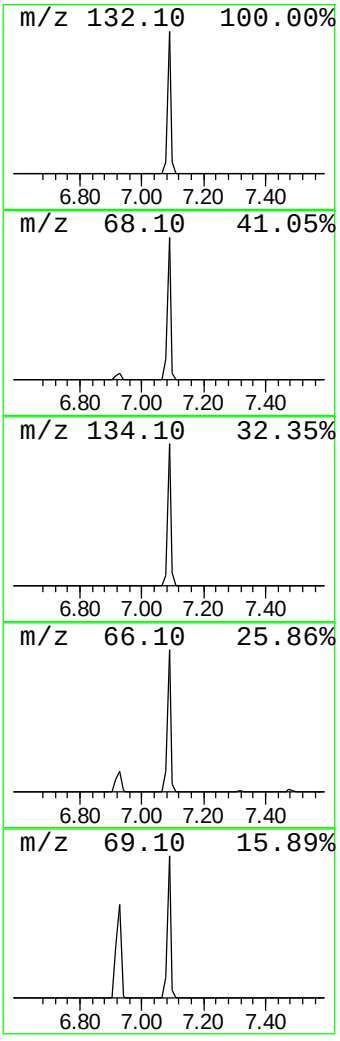
Peak Number 3 unknown7.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	102.33 ng	1245830	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
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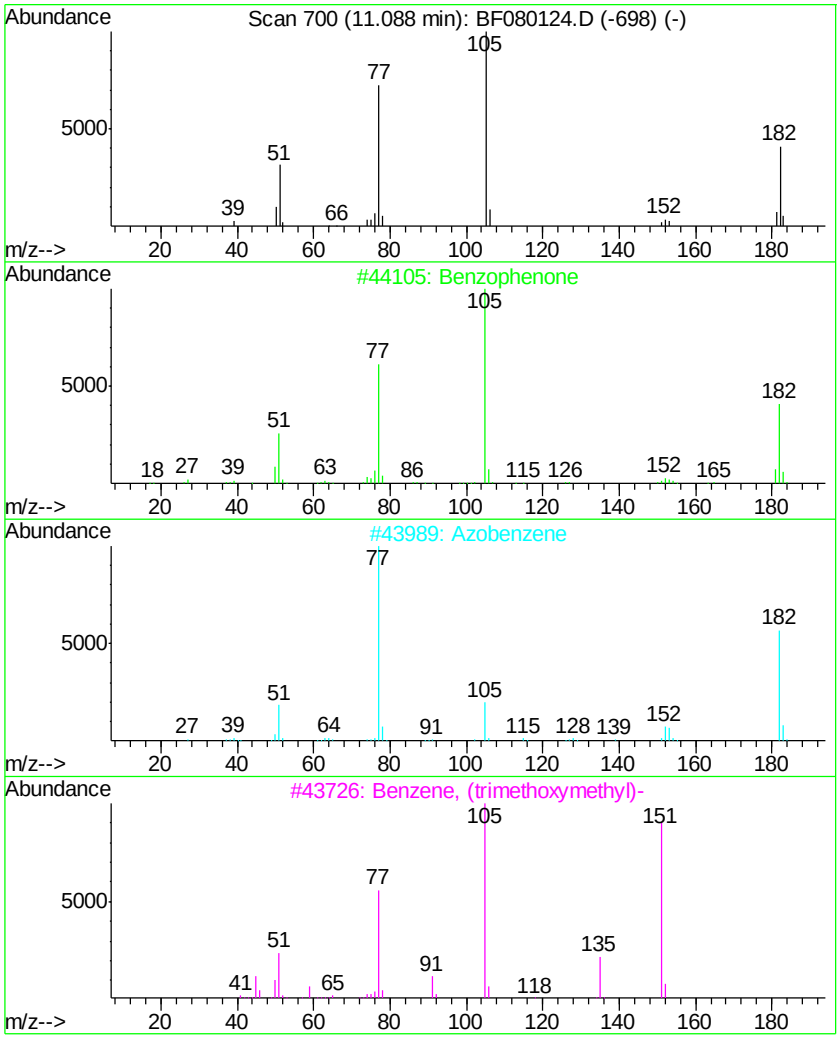
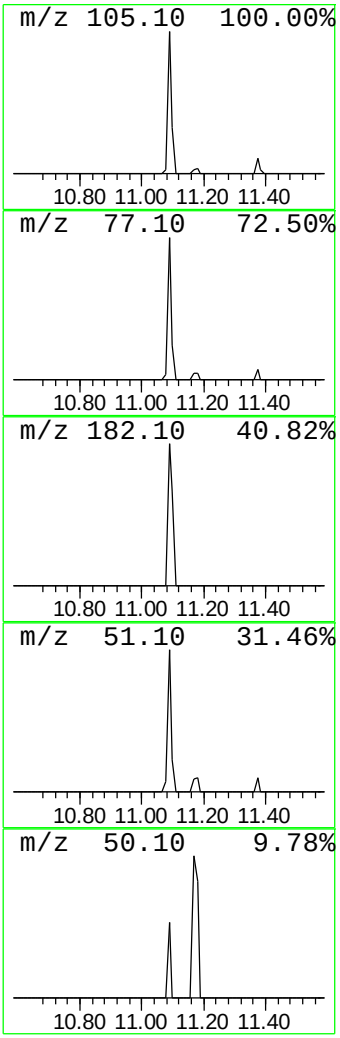
Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.20 ng	43465	Acenaphthene-d10	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	50
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50
5	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	50





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Operator : TP/IZ
Sample : G2716-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AC-UNDERCUT(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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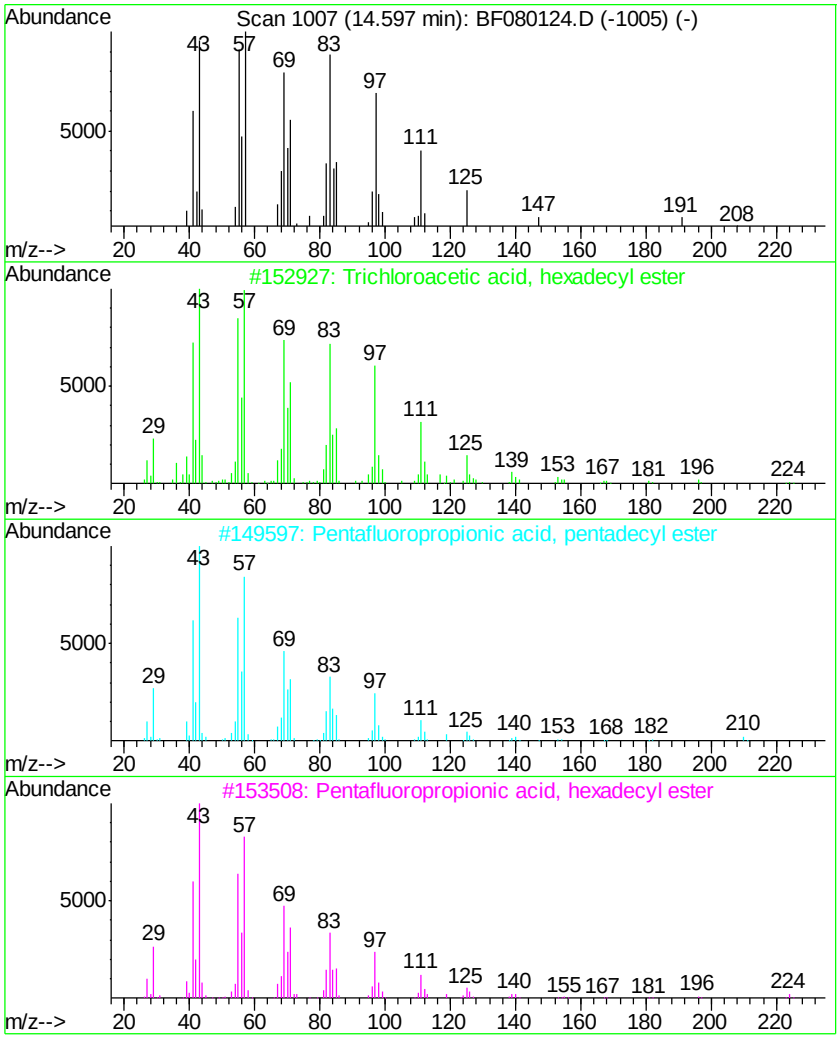
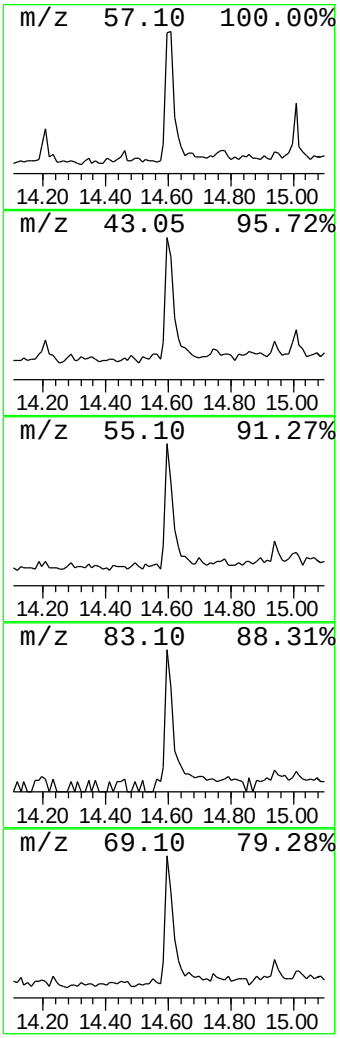
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.90 ng	104047	Chrysene-d12	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	91
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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
2-Pentanone, 4-hy...	5.53	23.2	ng	282151	1	7.33	243502	20.0
Ethanol, 2-(2-met...	6.55	3.2	ng	39491	1	7.33	243502	20.0
unknown7.09	7.09	102.3	ng	1245830	1	7.33	243502	20.0
Benzophenone	11.09	2.2	ng	43465	3	10.39	394253	20.0
Trichloroacetic a...	14.60	3.9	ng	104047	5	14.81	533618	20.0