LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084218.D
Acq On : 1 Jan 2016 2:02
Operator : UM/SJ
Sample : G4982-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EB-S8-2015-5

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-BF123115.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	2.190	7	9	26	rVB4	92758	314824	3.43%	0.471%
2	5.093	260	263	268	rVB	748394	1051339	11.46%	1.571%
3	5.504	296	299	301	rBV	4458566	4676955	50.96%	6.990%
4	6.521	386	388	391	rVB	2986128	2588675	28.21%	3.869%
5	6.670	398	401	403	rBV	7974638	7770680	84.67%	11.614%
6	6.899	419	421	423	rBV	2265036	1858112	20.25%	2.777%
7	6.967	425	427	429	rVV	354145	320332	3.49%	0.479%
8	7.059	432	435	437	rVB	7527450	6782454	73.90%	10.137%
9	7.219	447	449	453	rBV2	74441	105908	1.15%	0.158%
10	7.310	453	457	459	rVV2	145632	195962	2.14%	0.293%
11	7.470	466	471	473	rBV	5680288	7130626	77.70%	10.657%
12	7.550	476	478	479	rBV	128551	123228	1.34%	0.184%
13	7.882	504	507	508	rBV	55446	93604	1.02%	0.140%
14	8.087	523	525	527	rBV2	90880	127689	1.39%	0.191%
15	8.144	527	530	532	rBV	145058	140963	1.54%	0.211%
16	8.190	532	534	535	rBV	2353042	2364526	25.76%	3.534%
17	9.139	615	617	619	rBV	159345	167870	1.83%	0.251%
18	9.265	625	628	631	rBV	8633740	9177607	100.00%	13.717%
19	9.402	637	640	642	rBV	567351	566637	6.17%	0.847%
20	9.939	685	687	689	rBV	2661379	2503247	27.28%	3.741%
21	10.728	753	756	759	rBV	5761791	5702101	62.13%	8.522%
22	11.425	814	817	819	rBV	2857016	2383702	25.97%	3.563%
23	11.813	849	851	854	rBV	740999	713268	7.77%	1.066%
24	13.014	953	956	959	rBV	7340041	7125563	77.64%	10.650%
25	14.054	1045	1047	1050	rBV	1349010	1536036	16.74%	2.296%
26	15.494	1170	1173	1176	rBV	953735	1385571	15.10%	2.071%

Sum of corrected areas: 66907479

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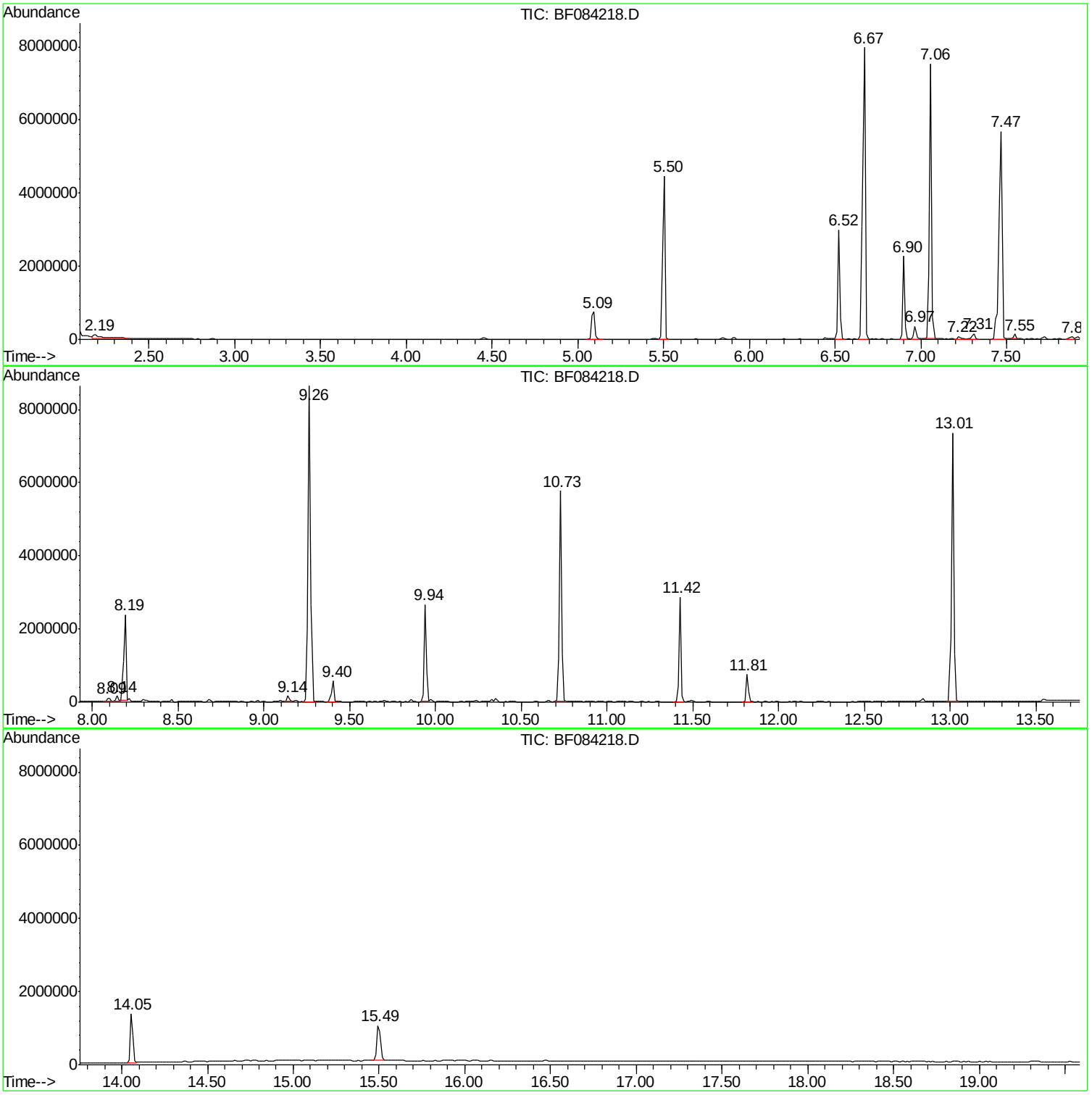
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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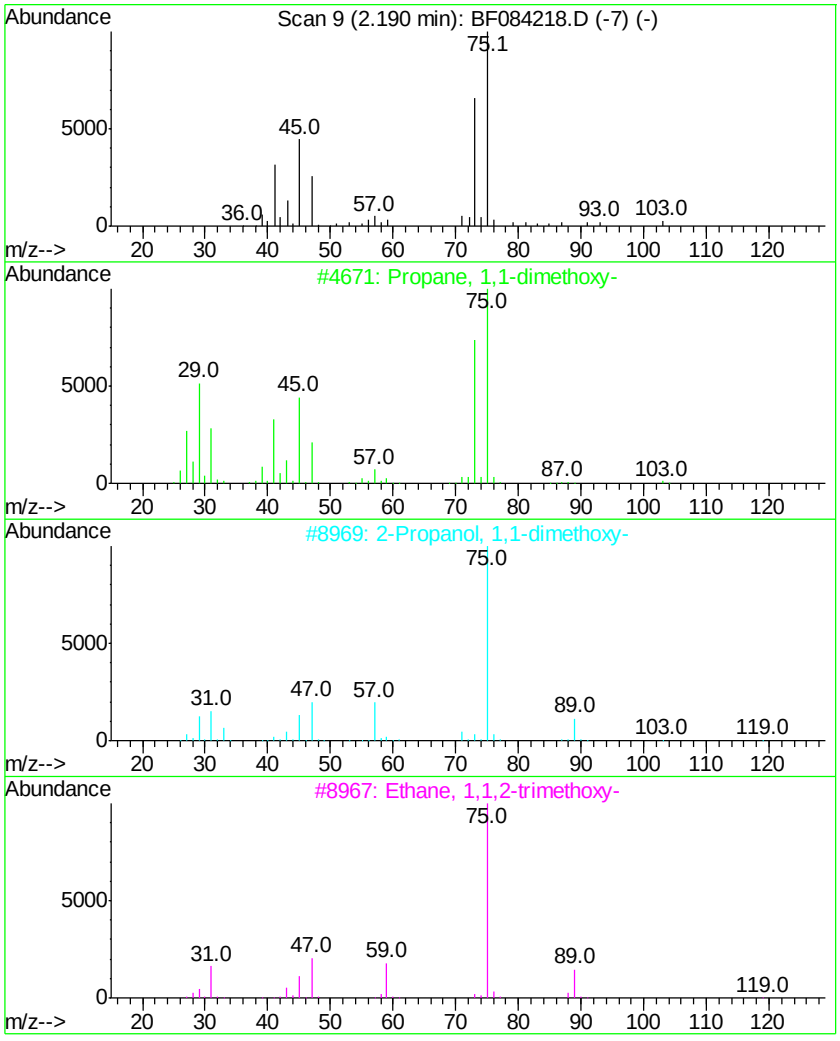
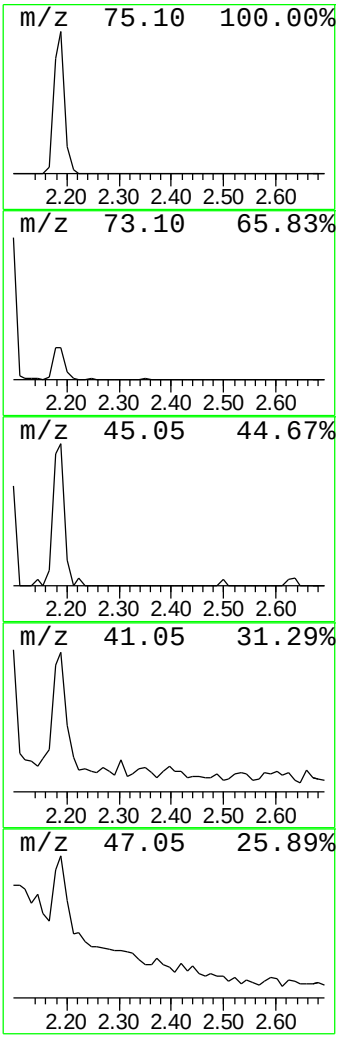
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	3.39 ng	314824	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	42
3	Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	40
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	36
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





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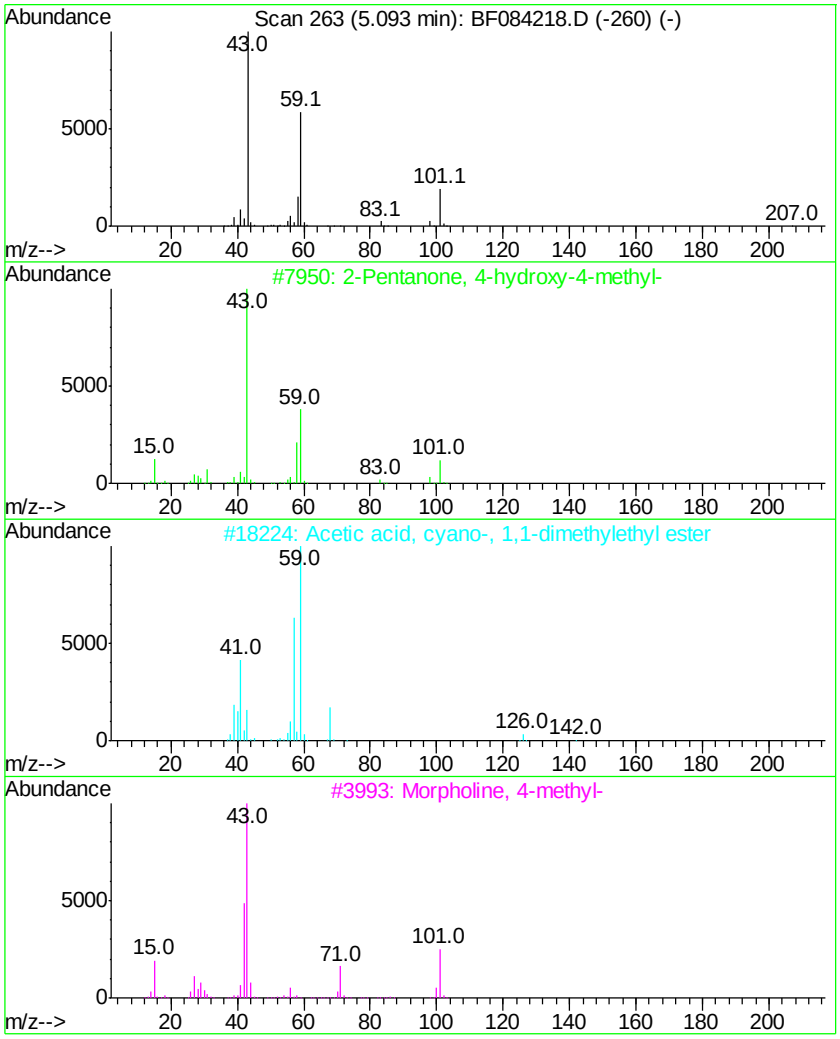
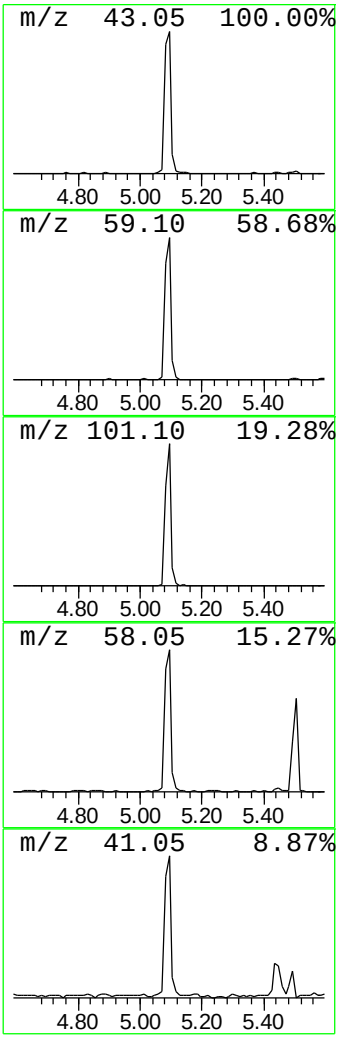
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.32 ng	1051340	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





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Instrument : BNA_F
ClientSampleId : EB-S8-2015-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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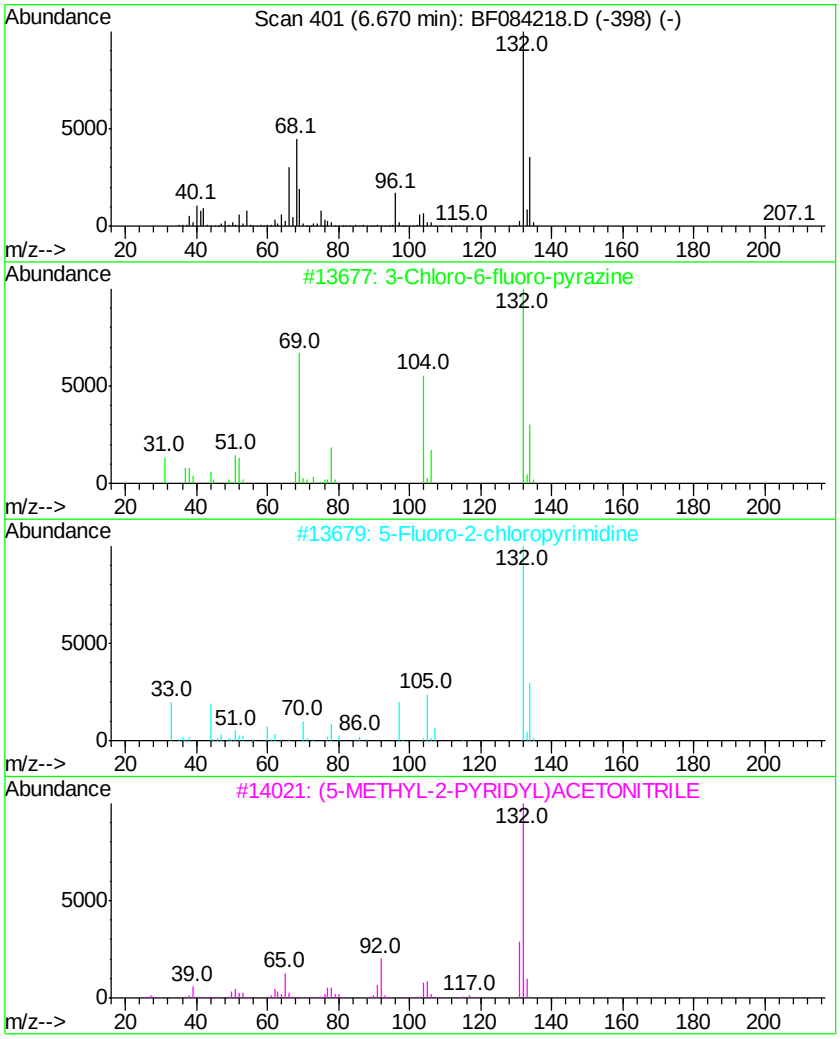
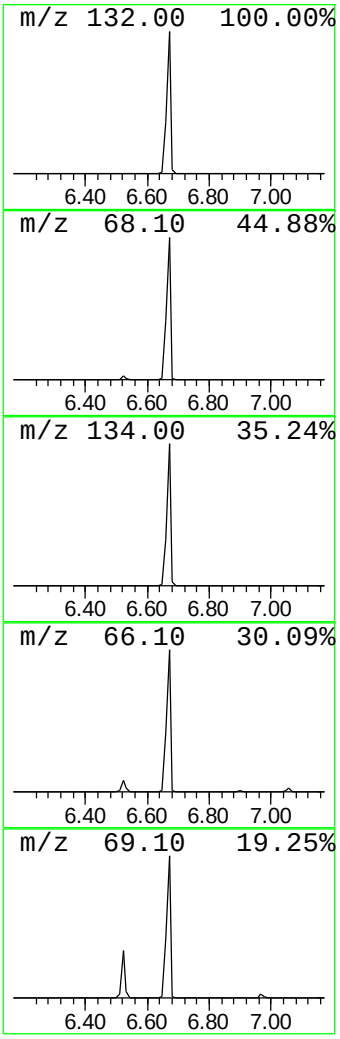
Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	83.64 ng	7770680	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Sample : G4982-02
Misc :
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Instrument : BNA_F
ClientSampleId : EB-S8-2015-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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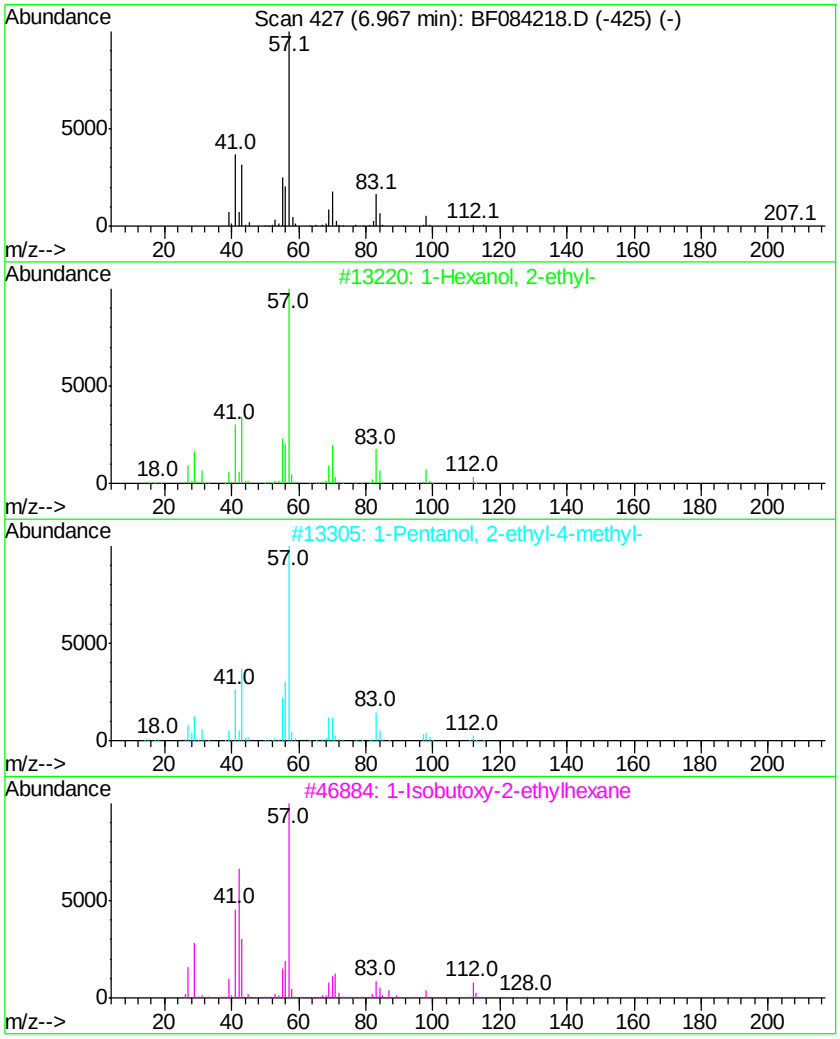
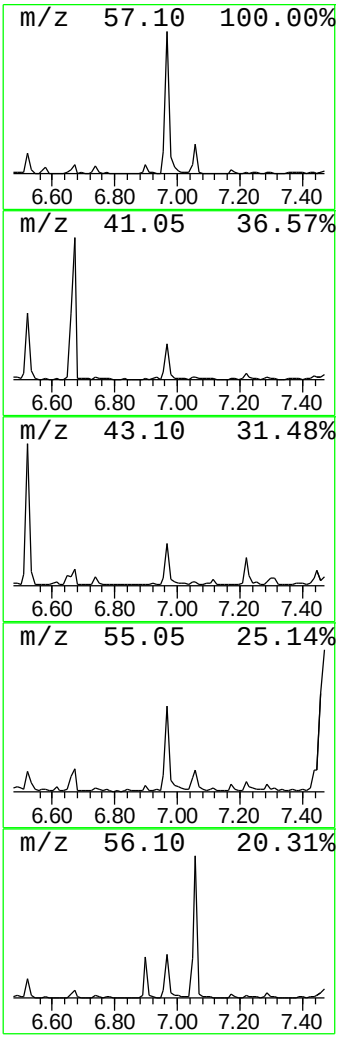
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	3.45 ng	320332	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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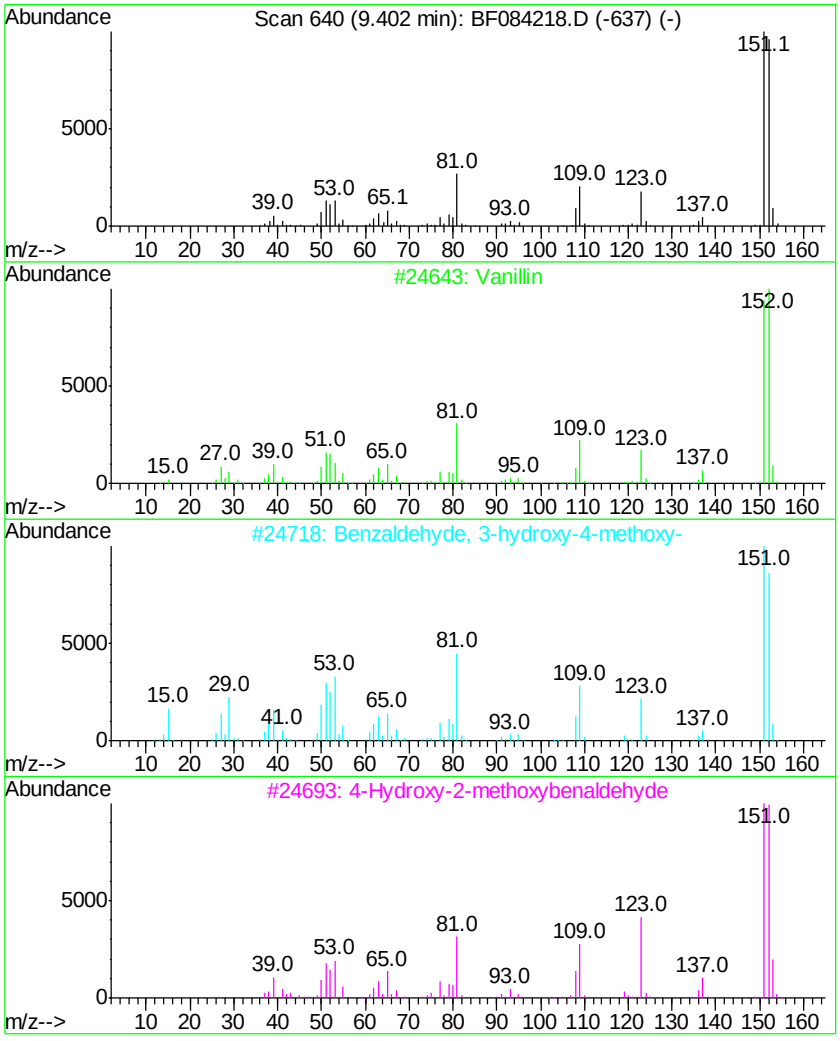
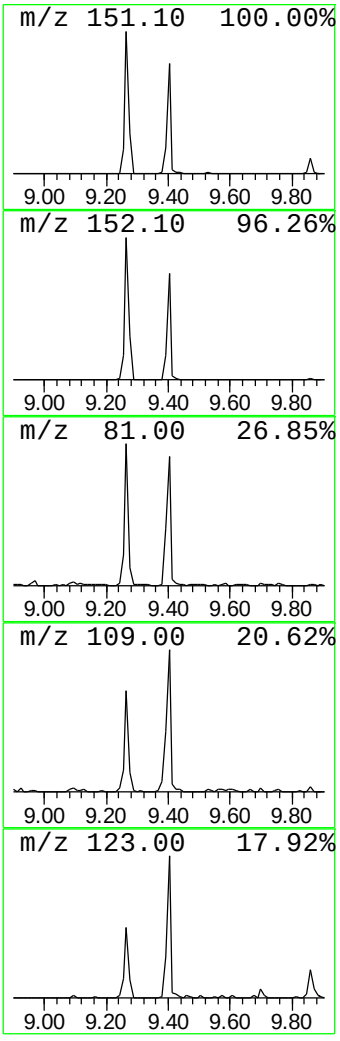
Peak Number 7 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.53 ng	566637	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	90
4	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	86
5	Vanillin lactoside	476	C20H28O13	1000129-94-7	78





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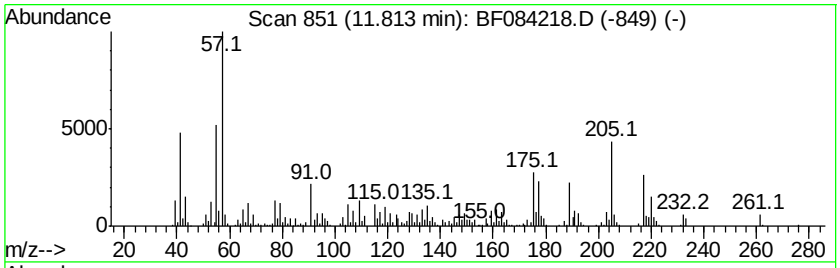
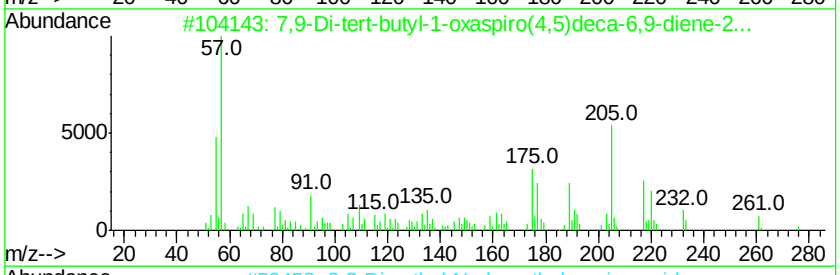
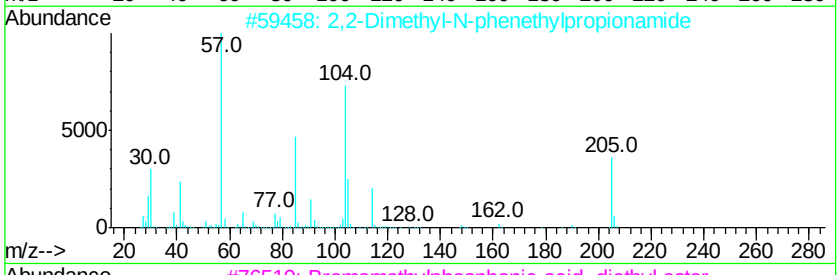
Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

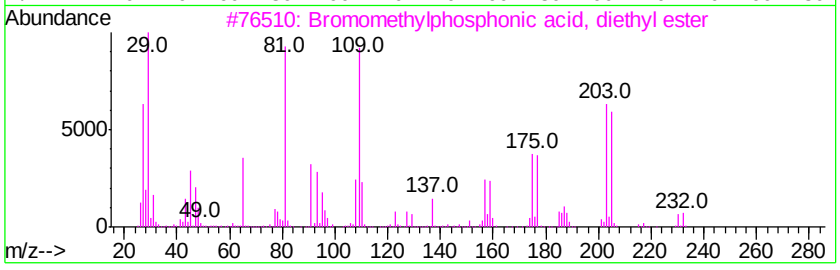
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.98 ng	713268	Phenanthrene-d10	11.42

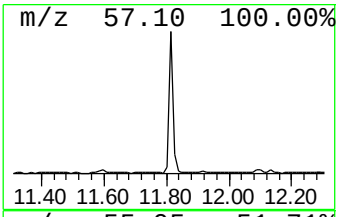
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
2	2,2-Dimethyl-N-phenethylpropiona...	205	C13H19NO	062056-54-6	18
3	Bromomethylphosphonic acid, diet...	230	C5H12BrO3P	066197-72-6	9
4	n-Tetradecyltrichlorosilane	330	C14H29Cl3Si	018402-22-7	9
5	Silane, tert-butyldichlorophenyl-	232	C10H14Cl2Si	017887-41-1	9

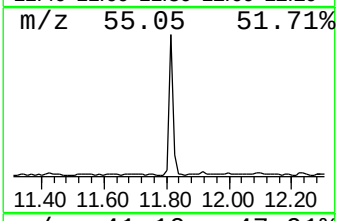


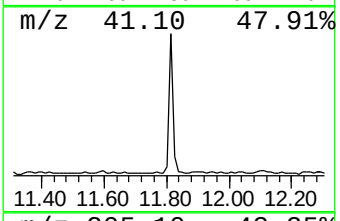


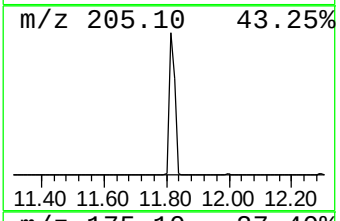


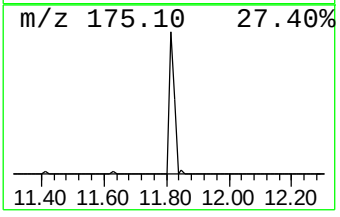












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.19	3.4	ng	314824	1	6.90	1858110	20.0
2-Pentanone, 4-hy...	5.09	11.3	ng	1051340	1	6.90	1858110	20.0
unknown6.67	6.67	83.6	ng	7770680	1	6.90	1858110	20.0
1-Hexanol, 2-ethyl-	6.97	3.5	ng	320332	1	6.90	1858110	20.0
Vanillin	9.40	4.5	ng	566637	3	9.94	2503250	20.0
7,9-Di-tert-butyl...	11.81	6.0	ng	713268	4	11.42	2383700	20.0