LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102241.D
Acq On : 20 Jan 2018 2:25
Operator : SJ/JU
Sample : J1115-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32-2.0-2.5-DUP

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-BF010918.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	3.093	170	171	181	rBV3	19744	39529	1.04%	0.117%
2	4.928	478	483	491	rBV	192808	285968	7.52%	0.849%
3	5.334	547	552	555	rBV	3352739	3735707	98.28%	11.090%
4	6.363	721	727	731	rBV	3246059	3801083	100.00%	11.284%
5	6.492	744	749	752	rBV	3895431	3761185	98.95%	11.165%
6	6.716	784	787	791	rBV	1006758	846825	22.28%	2.514%
7	6.875	810	814	817	rBV	3298951	2891069	76.06%	8.582%
8	7.287	878	884	887	rBV	2382691	2415352	63.54%	7.170%
9	7.998	1001	1005	1009	rBV	1311510	1104815	29.07%	3.280%
10	8.557	1096	1100	1104	rBV	375918	308269	8.11%	0.915%
11	9.081	1183	1189	1192	rBV	3822911	3716331	97.77%	11.032%
12	9.475	1251	1256	1259	rBV	846785	711010	18.71%	2.111%
13	9.751	1299	1303	1307	rBV2	1220706	1102361	29.00%	3.272%
14	10.469	1420	1425	1428	rBV	1723092	1452887	38.22%	4.313%
15	10.545	1433	1438	1441	rBV	2151067	2018799	53.11%	5.993%
16	11.233	1552	1555	1559	rVB	1079774	938382	24.69%	2.786%
17	12.645	1792	1795	1799	rVB	101533	75719	1.99%	0.225%
18	12.822	1821	1825	1828	rBV	2644759	2372488	62.42%	7.043%
19	13.351	1911	1915	1917	rBV	54674	49685	1.31%	0.147%
20	13.716	1973	1977	1985	rBV	124930	138364	3.64%	0.411%
21	13.868	1999	2003	2007	rBV	871914	766632	20.17%	2.276%
22	14.963	2185	2189	2193	rBV	34994	40475	1.06%	0.120%
23	15.292	2240	2245	2249	rBV	700075	833933	21.94%	2.476%
24	15.727	2315	2319	2323	rBV	50259	65313	1.72%	0.194%
25	16.204	2395	2400	2404	rVB2	44962	71503	1.88%	0.212%
26	16.757	2488	2494	2500	rVB3	34801	72060	1.90%	0.214%
27	17.415	2599	2606	2612	rVB4	31207	70308	1.85%	0.209%

Sum of corrected areas: 33686052

LSC Report - Integrated Chromatogram

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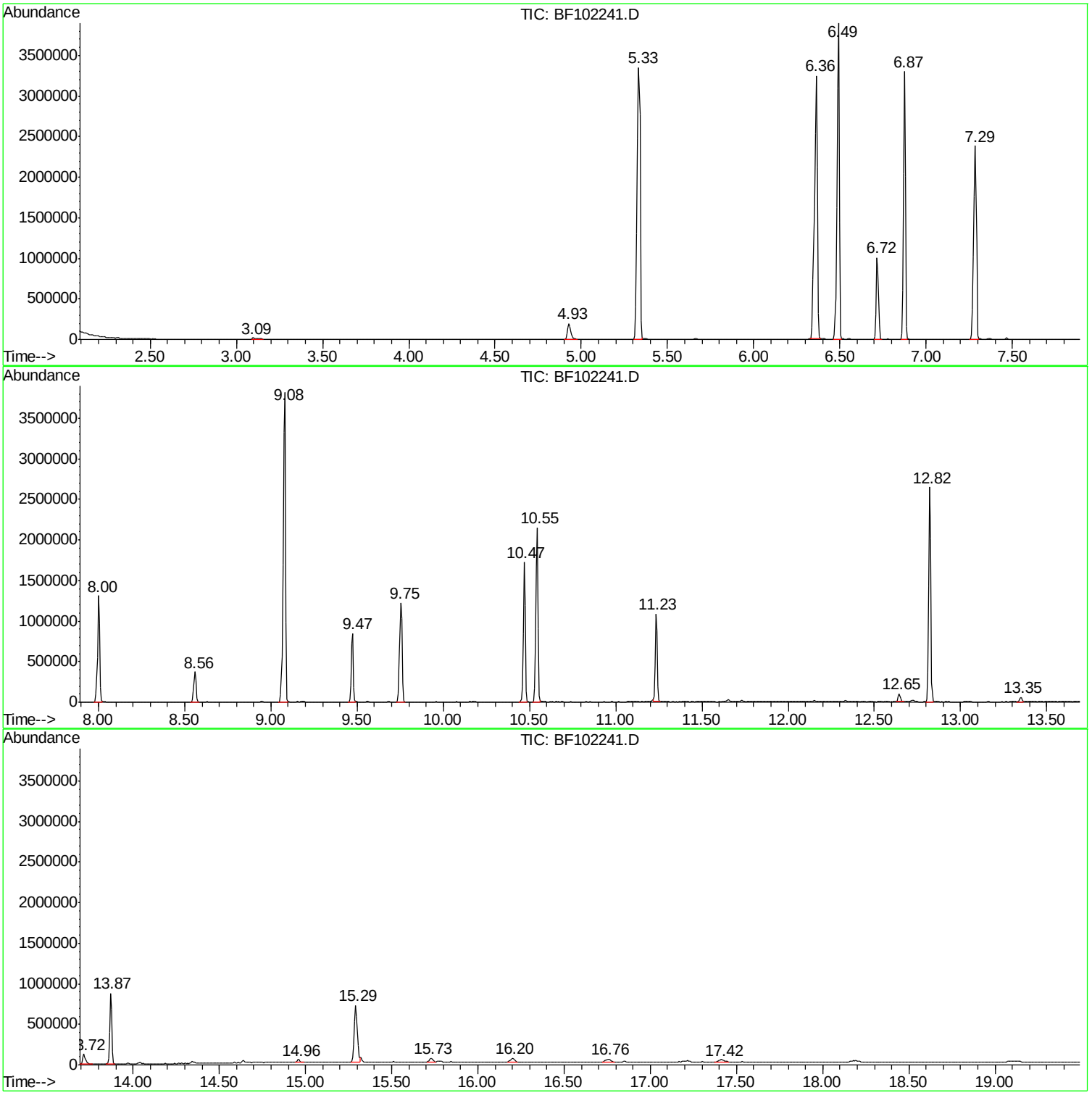
Instrument :
BNA_F
ClientSampleId :
SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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ClientSampleId : SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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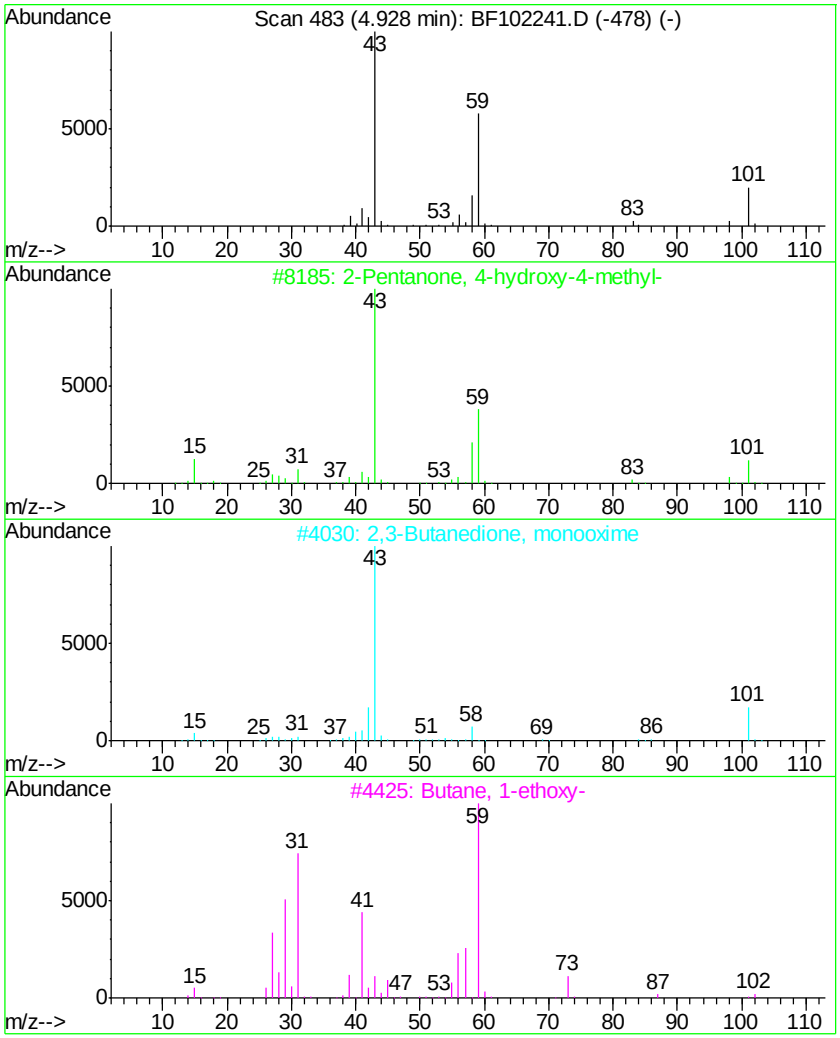
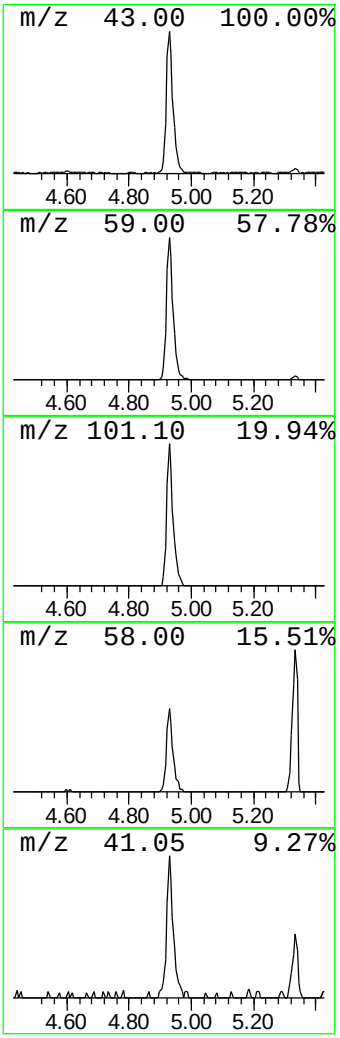
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.75 ng	285968	1,4-Dichlorobenzene-d4	6.72

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





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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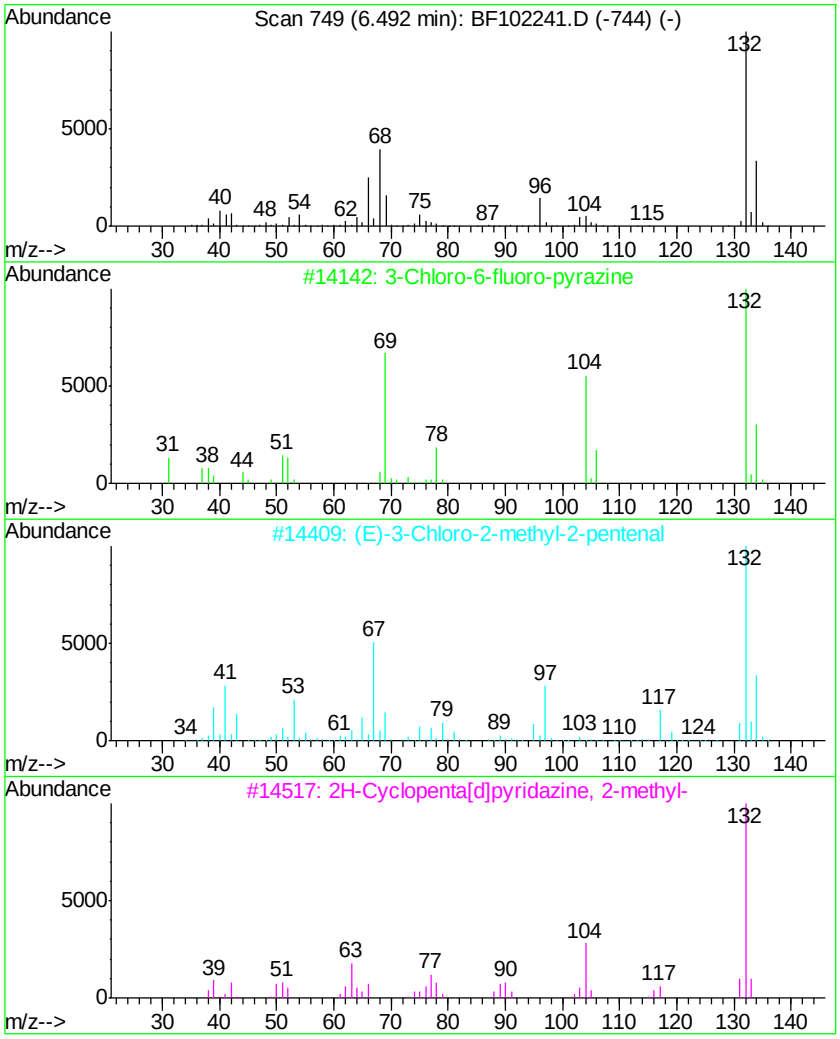
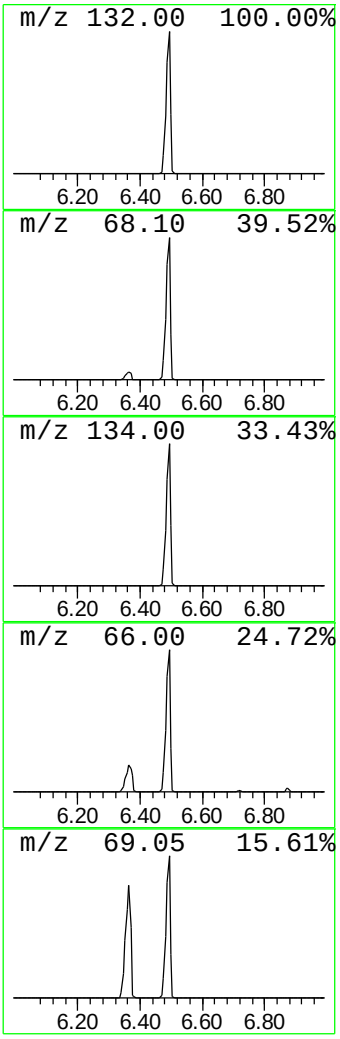
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	88.83 ng	3761190	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : J1115-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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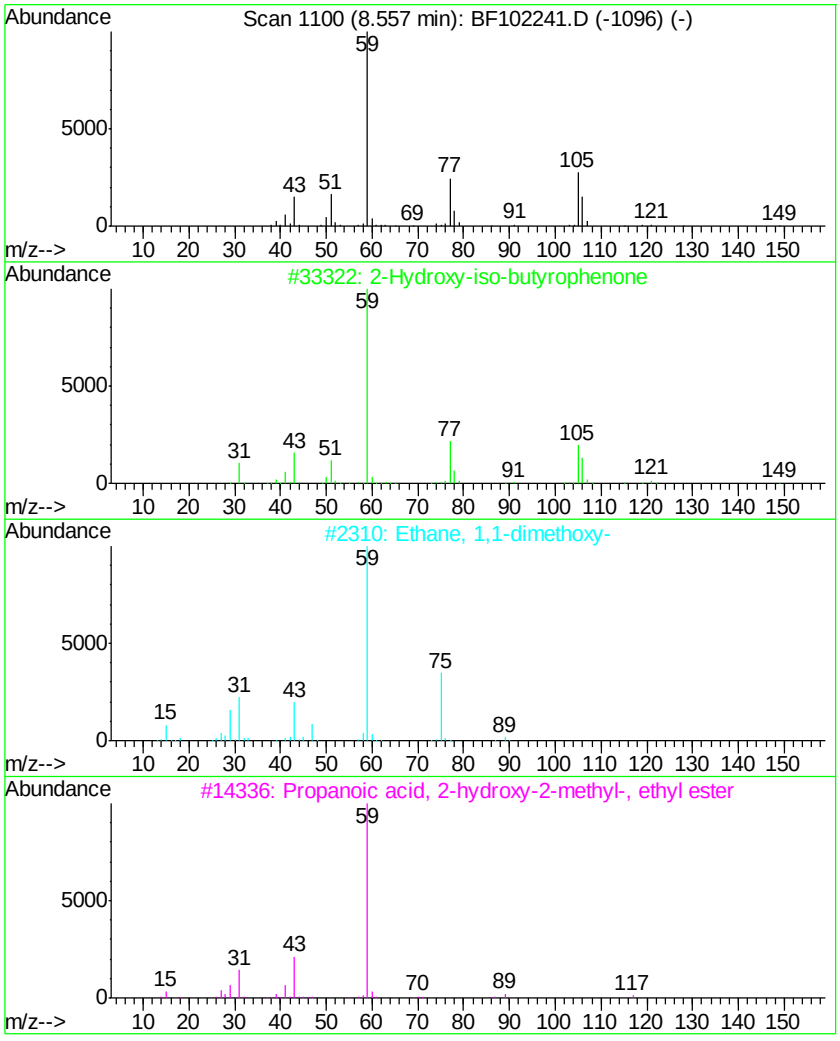
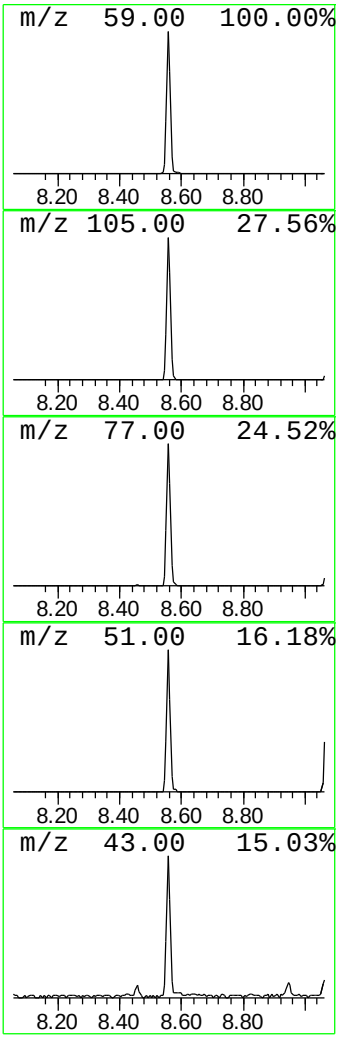
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	5.58 ng	308269	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
4	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	9
5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9





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Sample : J1115-05
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Instrument : BNA_F
ClientSampleId : SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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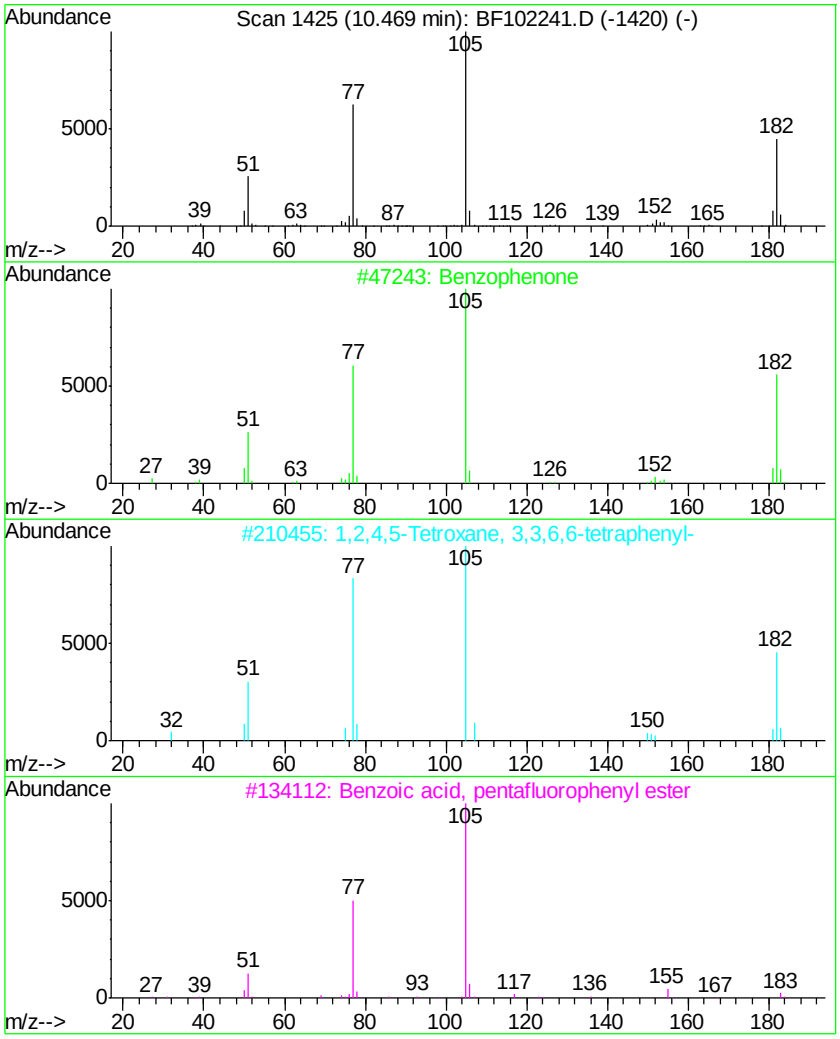
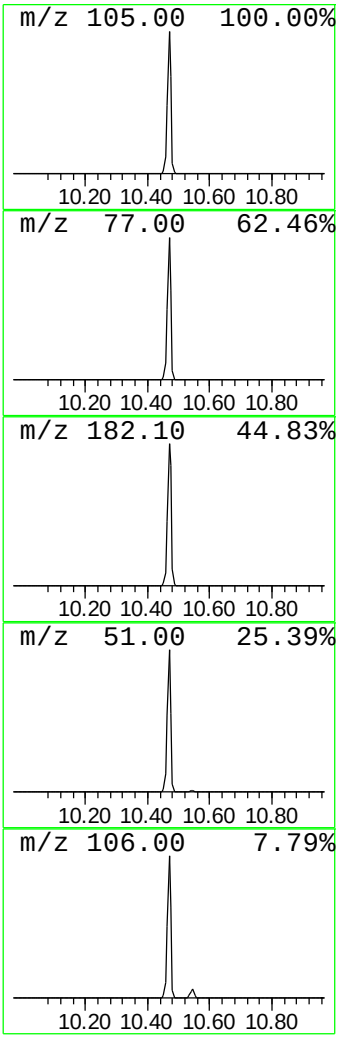
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	26.36 ng	1452890	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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Operator : SJ/JU
Sample : J1115-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32-2.0-2.5-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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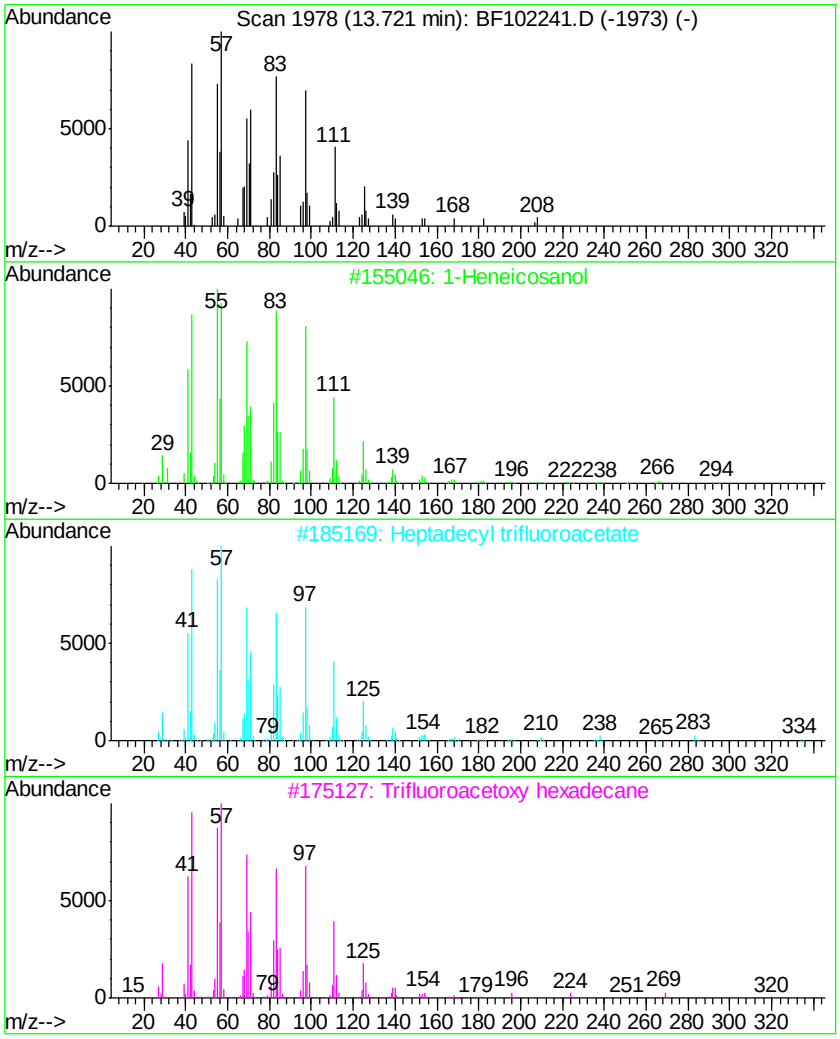
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

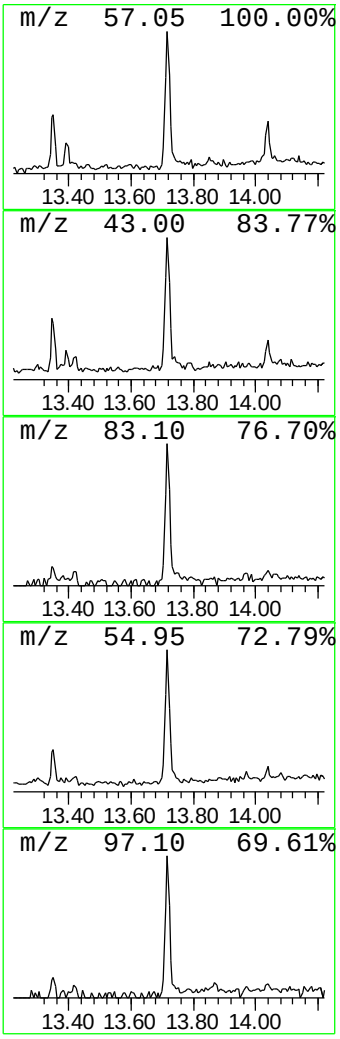
****

Peak Number 6 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.61 ng	138364	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Docosene	308	C22H44	001599-67-3	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	6.8	ng	285968	1	6.72	846825	20.0
unknown6.49	6.49	88.8	ng	3761190	1	6.72	846825	20.0
2-Hydroxy-iso-but...	8.56	5.6	ng	308269	2	8.00	1104820	20.0
Benzophenone	10.47	26.4	ng	1452890	3	9.75	1102360	20.0
1-Heneicosanol	13.72	3.6	ng	138364	5	13.87	766632	20.0