LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100425.D
Acq On : 11 Nov 2017 7:04
Operator : SJ/JU
Sample : I6355-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110317-SIDI-E-D-B

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-BF110817.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	2.205	16	20	30	rVB	68876	109008	2.51%	0.397%
2	5.122	512	516	524	rBV	293849	298485	6.87%	1.086%
3	5.516	579	583	586	rBV	1636085	1409954	32.47%	5.132%
4	6.516	749	753	756	rBV	1142811	927200	21.35%	3.375%
5	6.545	756	758	763	rVB	59804	48724	1.12%	0.177%
6	6.669	774	779	782	rBV	2706668	2416188	55.65%	8.795%
7	6.898	815	818	822	rBV	1177301	1002459	23.09%	3.649%
8	7.057	841	845	849	rVB	3335185	3146870	72.47%	11.454%
9	7.463	909	914	917	rBV	2411162	2700078	62.18%	9.828%
10	8.181	1032	1036	1040	rBV	1450092	1233993	28.42%	4.492%
11	8.734	1126	1130	1134	rBV	225576	174797	4.03%	0.636%
12	9.257	1214	1219	1223	rBV	4143584	4342066	100.00%	15.805%
13	9.645	1282	1285	1289	rBV	68126	52692	1.21%	0.192%
14	9.939	1329	1335	1342	rVB	1348190	1266415	29.17%	4.610%
15	10.604	1445	1448	1452	rBV	111600	78653	1.81%	0.286%
16	10.651	1452	1456	1459	rBV	706644	634701	14.62%	2.310%
17	10.722	1464	1468	1472	rBV	1545183	1488940	34.29%	5.420%
18	11.422	1583	1587	1591	rVB	1179323	1045292	24.07%	3.805%
19	13.010	1852	1857	1860	rBV	3423883	3371554	77.65%	12.272%
20	13.892	2004	2007	2013	rBV2	64721	73176	1.69%	0.266%
21	14.063	2032	2036	2043	rVB	988038	928993	21.40%	3.381%
22	15.545	2282	2288	2298	rBV	545651	722694	16.64%	2.631%

Sum of corrected areas: 27472932

LSC Report - Integrated Chromatogram

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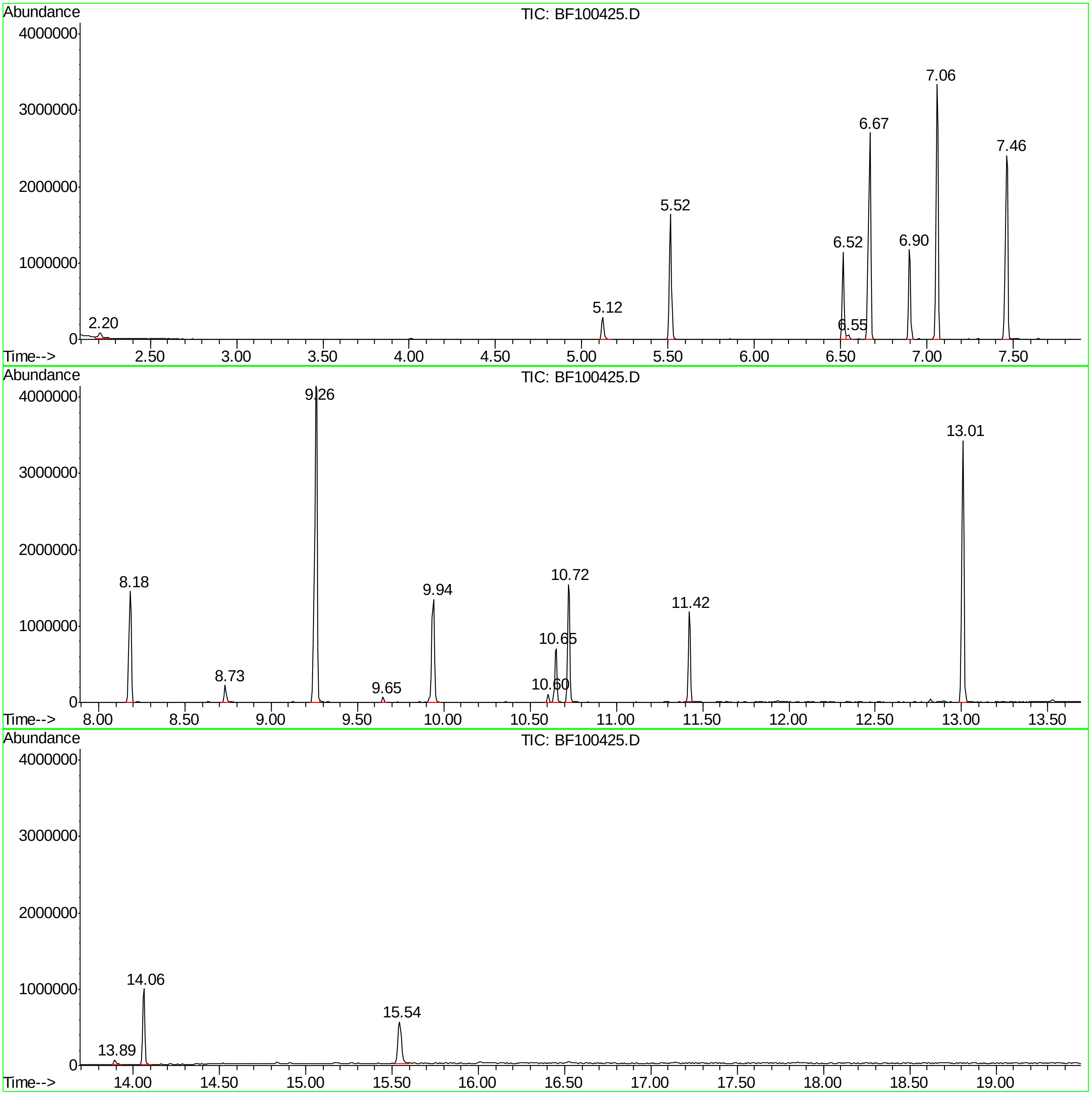
BNA_F
ClientSampleId :
110317-SIDI-E-D-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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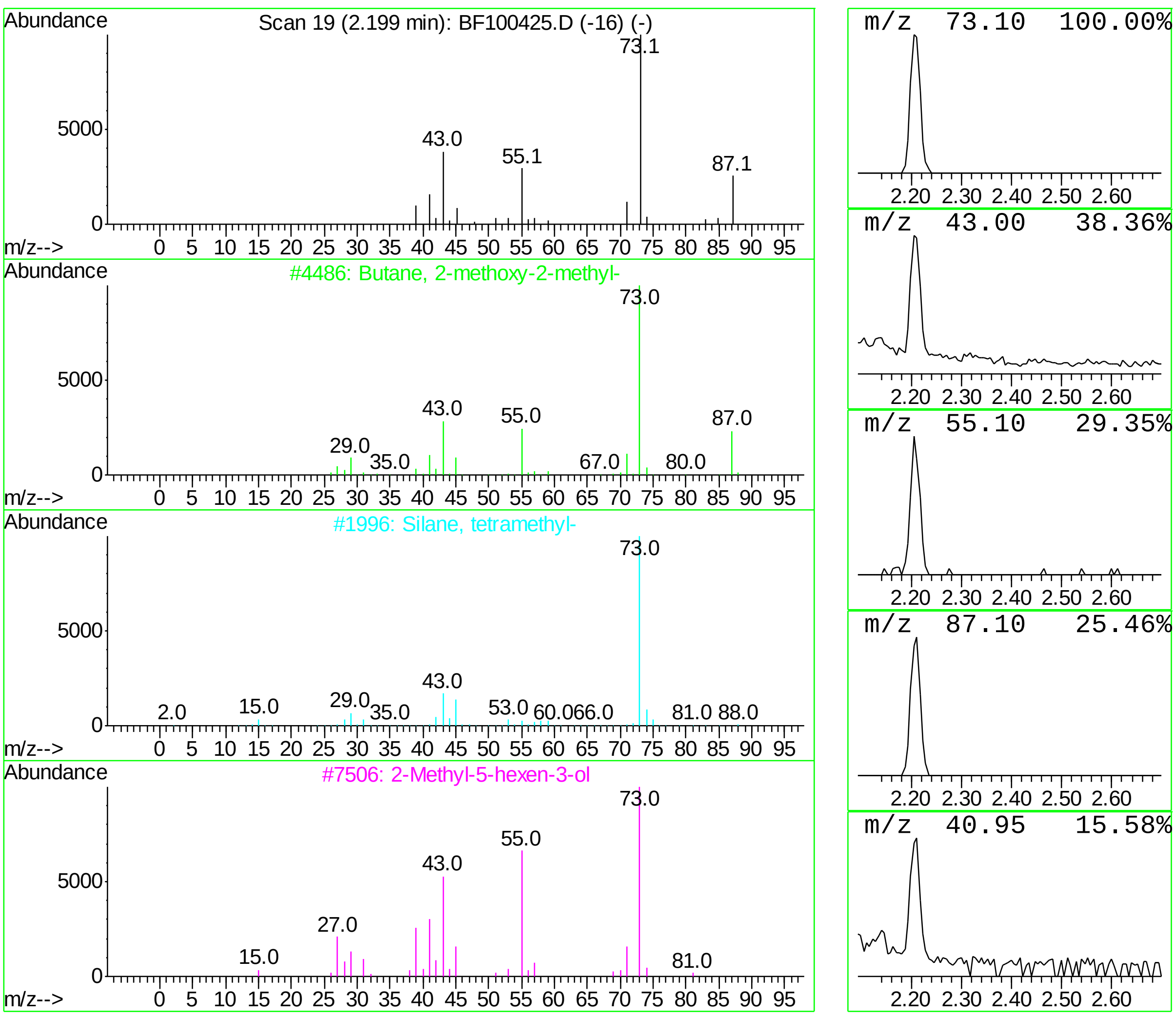
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	2.17 ng	109008	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110317-SIDI-E-D-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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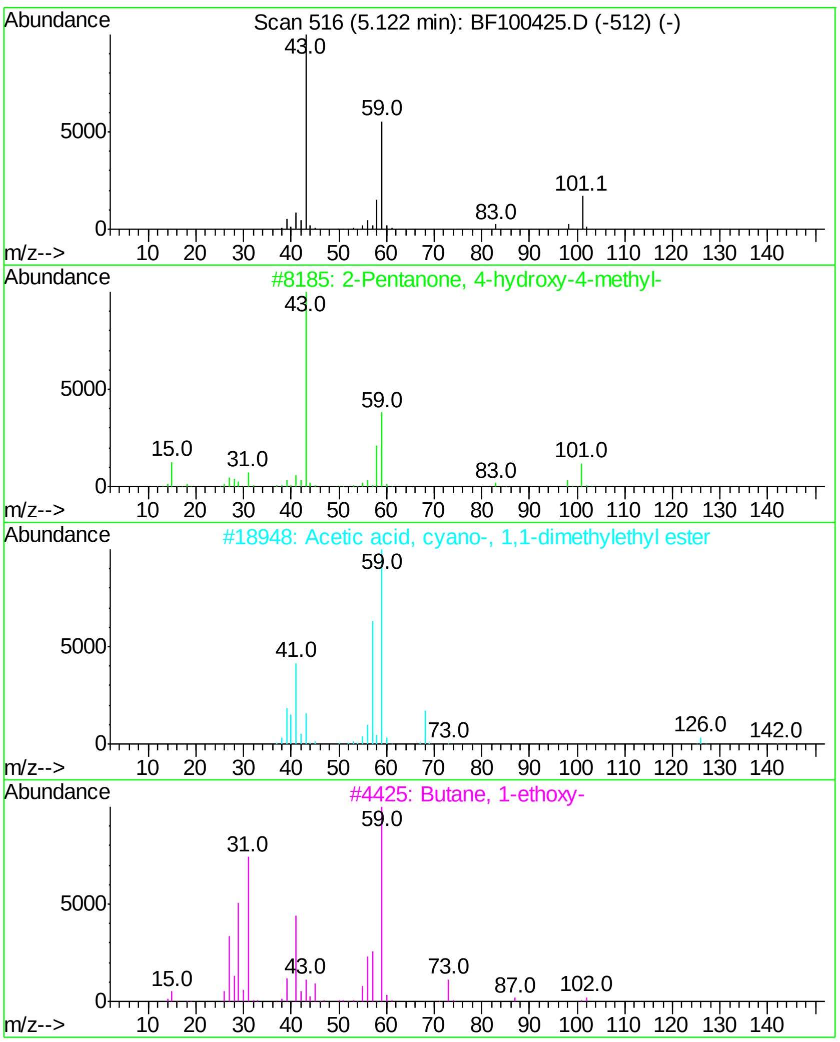
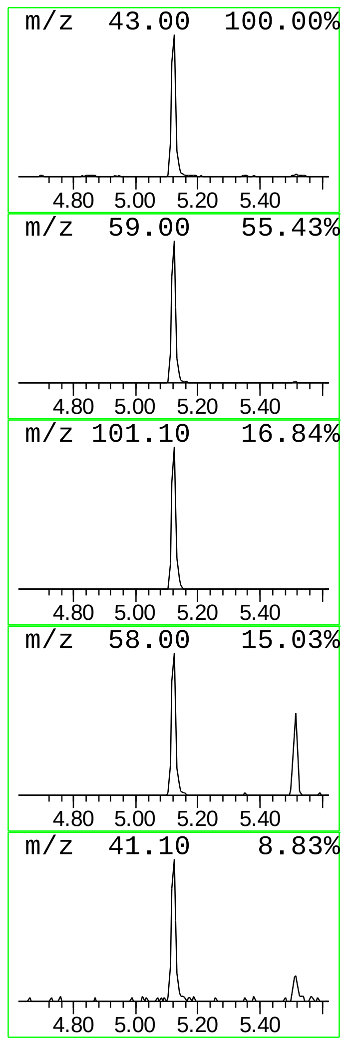
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.96 ng	298485	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	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

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BNA_F
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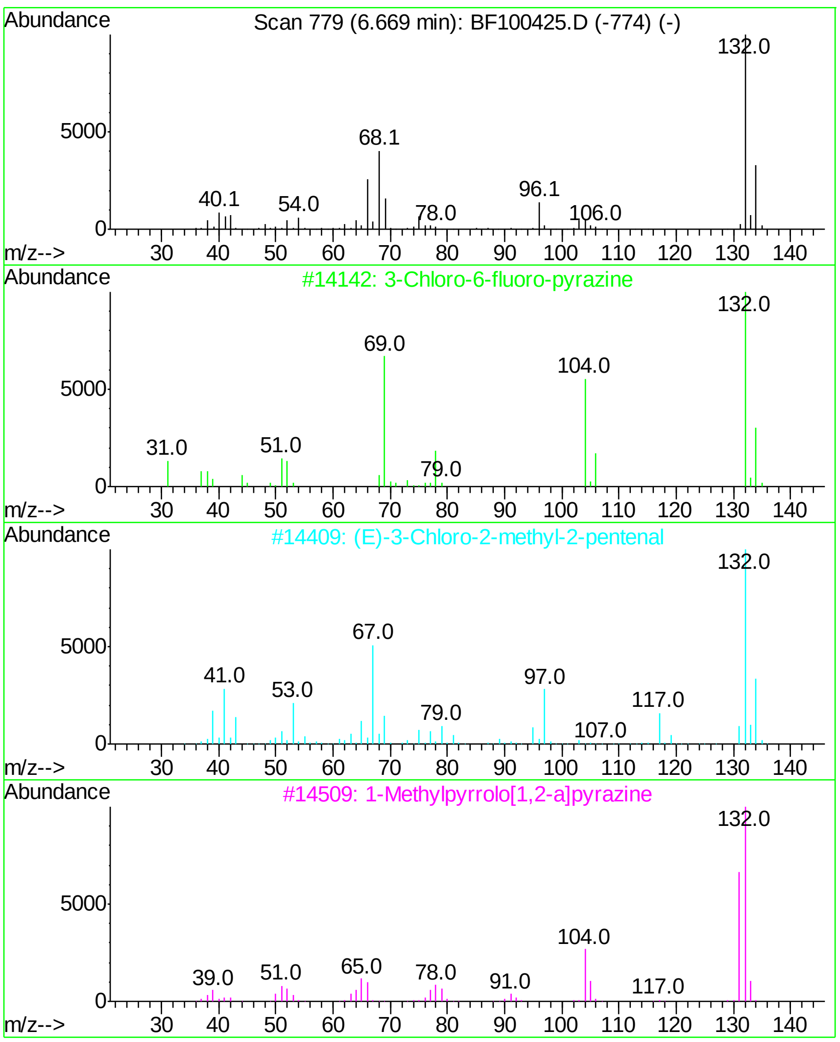
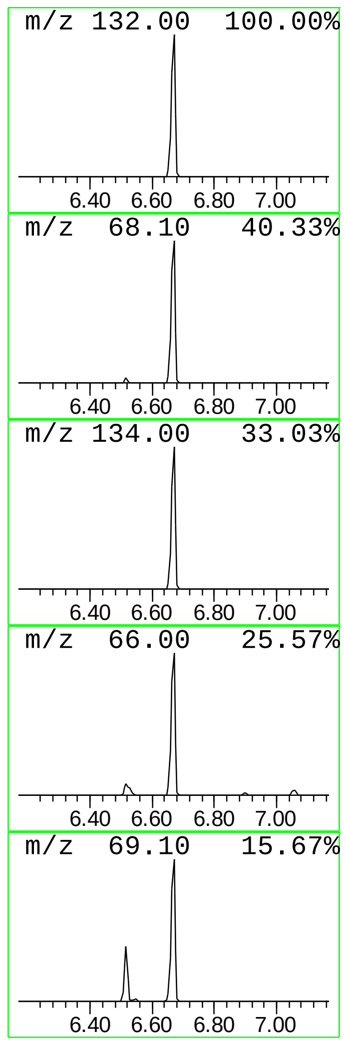
Peak Number 3 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	48.21 ng	2416190	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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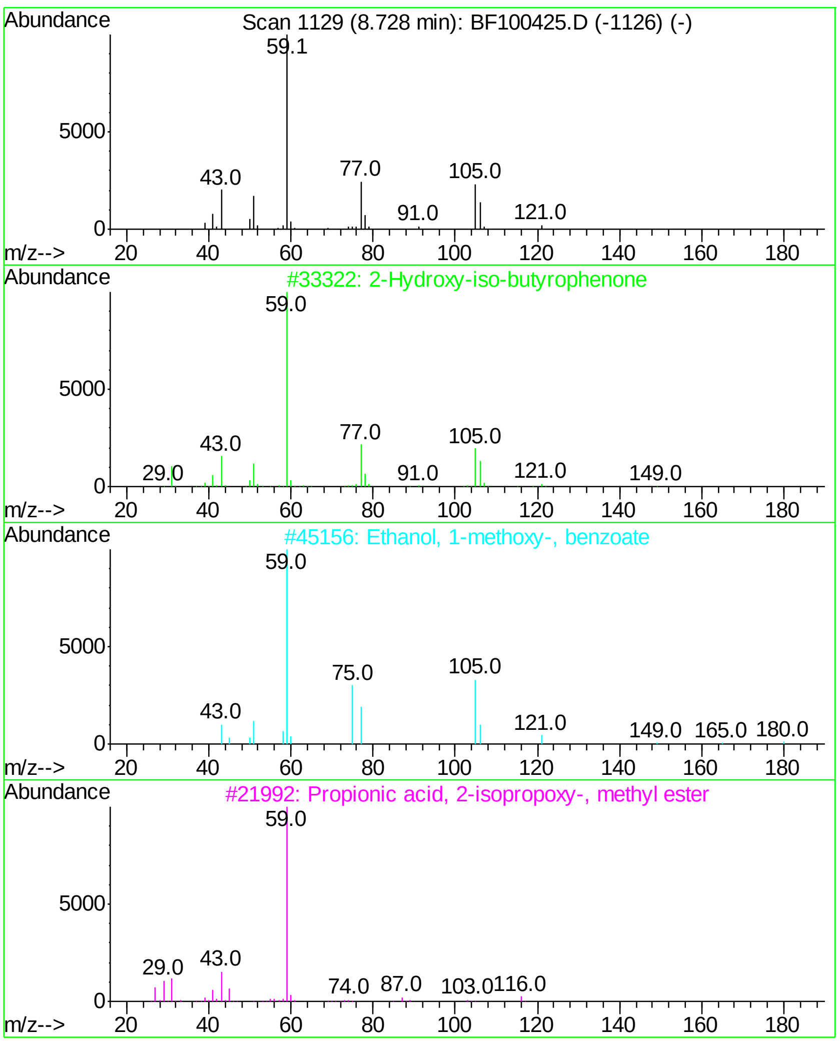
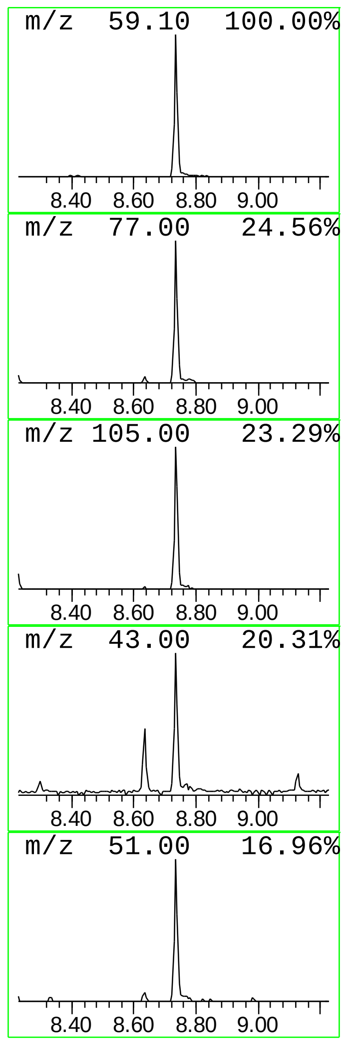
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.83 ng	174797	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	64
3	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5	Guanidine	59	CH5N3	000113-00-8	7





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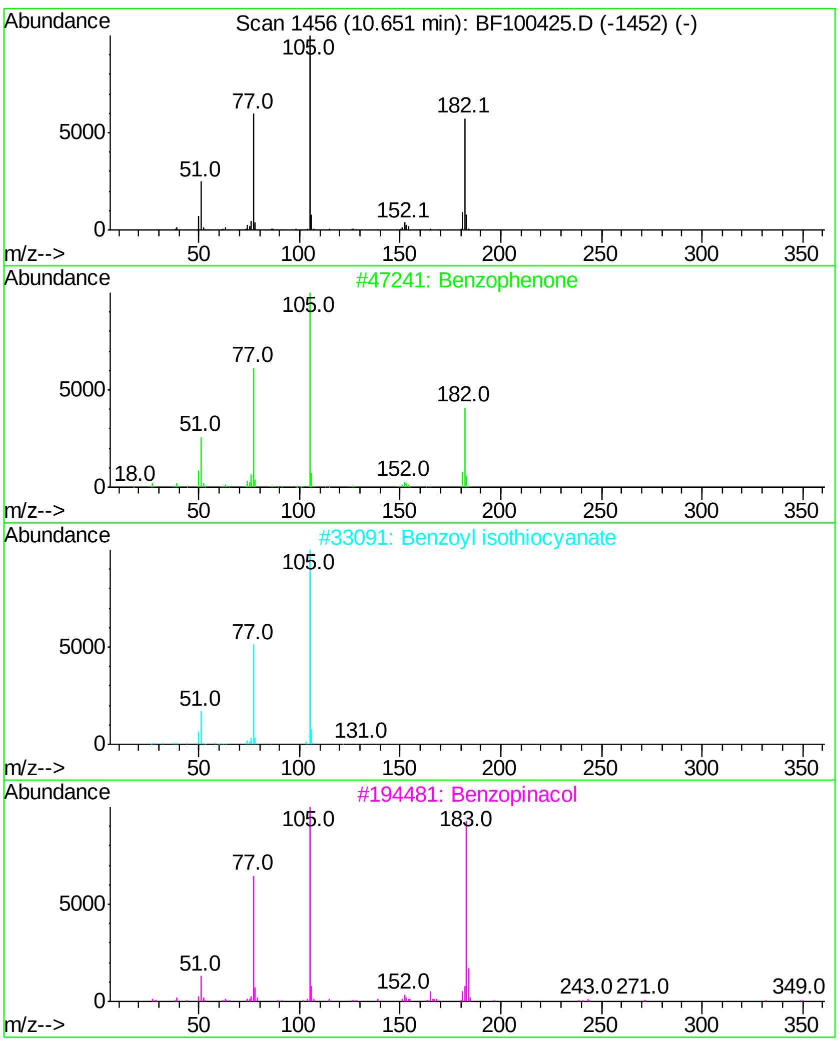
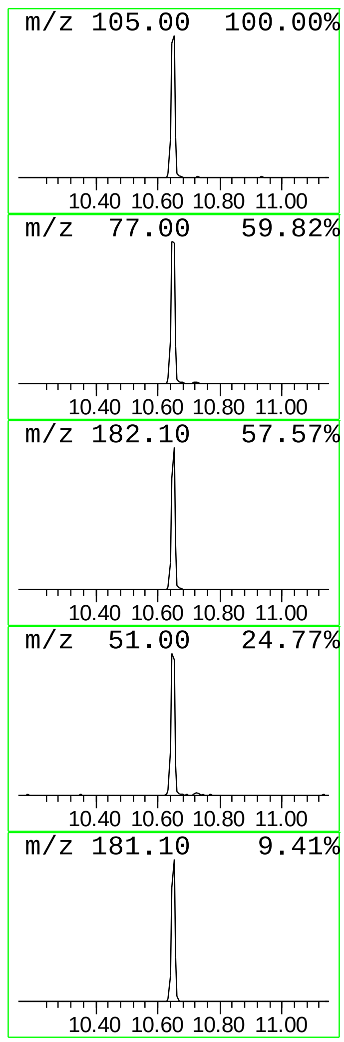
Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	10.02 ng	634701	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
3	Benzopinacol	366	C26H22O2	000464-72-2	47
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	2.2	ng	109008	1	6.90	1002460	20.0
2-Pentanone, 4-hy...	5.12	6.0	ng	298485	1	6.90	1002460	20.0
unknown6.67	6.67	48.2	ng	2416190	1	6.90	1002460	20.0
2-Hydroxy-iso-but...	8.73	2.8	ng	174797	2	8.18	1233990	20.0
Benzophenone	10.65	10.0	ng	634701	3	9.94	1266420	20.0