LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100591.D
Acq On : 15 Nov 2017 16:38
Operator : SJ/JU
Sample : I6422-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-2(5-10)

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	2.193	15	18	28	rVB	18190	26601	1.09%	0.123%
2	5.110	510	514	525	rBV	398298	487356	19.96%	2.253%
3	5.504	576	581	584	rBV	2321888	2238797	91.69%	10.349%
4	6.510	746	752	756	rBV	2204848	2328746	95.37%	10.765%
5	6.651	771	776	779	rBV	2404312	2286983	93.66%	10.572%
6	6.881	812	815	819	rBV	791562	703112	28.80%	3.250%
7	7.040	838	842	845	rVB	2085472	1775203	72.70%	8.206%
8	7.445	906	911	914	rBV	1597567	1439484	58.95%	6.654%
9	8.163	1029	1033	1037	rBV	1092603	885933	36.28%	4.095%
10	8.716	1123	1127	1130	rBV	200430	152436	6.24%	0.705%
11	9.239	1211	1216	1219	rBV	2762958	2441738	100.00%	11.288%
12	9.628	1278	1282	1285	rBV	311658	227161	9.30%	1.050%
13	9.922	1327	1332	1335	rBV	921700	868539	35.57%	4.015%
14	10.628	1448	1452	1455	rBV	501077	379545	15.54%	1.755%
15	10.704	1461	1465	1469	rBV	1284510	1114166	45.63%	5.151%
16	11.404	1580	1584	1587	rBV	828667	681444	27.91%	3.150%
17	11.916	1666	1671	1675	rBV	52004	51947	2.13%	0.240%
18	12.986	1849	1853	1856	rBV	1850231	1582066	64.79%	7.314%
19	13.827	1994	1996	2000	rBV	22744	28328	1.16%	0.131%
20	13.868	2000	2003	2012	rVV	169068	199079	8.15%	0.920%
21	14.039	2029	2032	2036	rVB	765155	674376	27.62%	3.117%
22	14.657	2134	2137	2142	rVB	407312	387008	15.85%	1.789%
23	15.515	2278	2283	2291	rBV	512332	672021	27.52%	3.107%

Sum of corrected areas: 21632069

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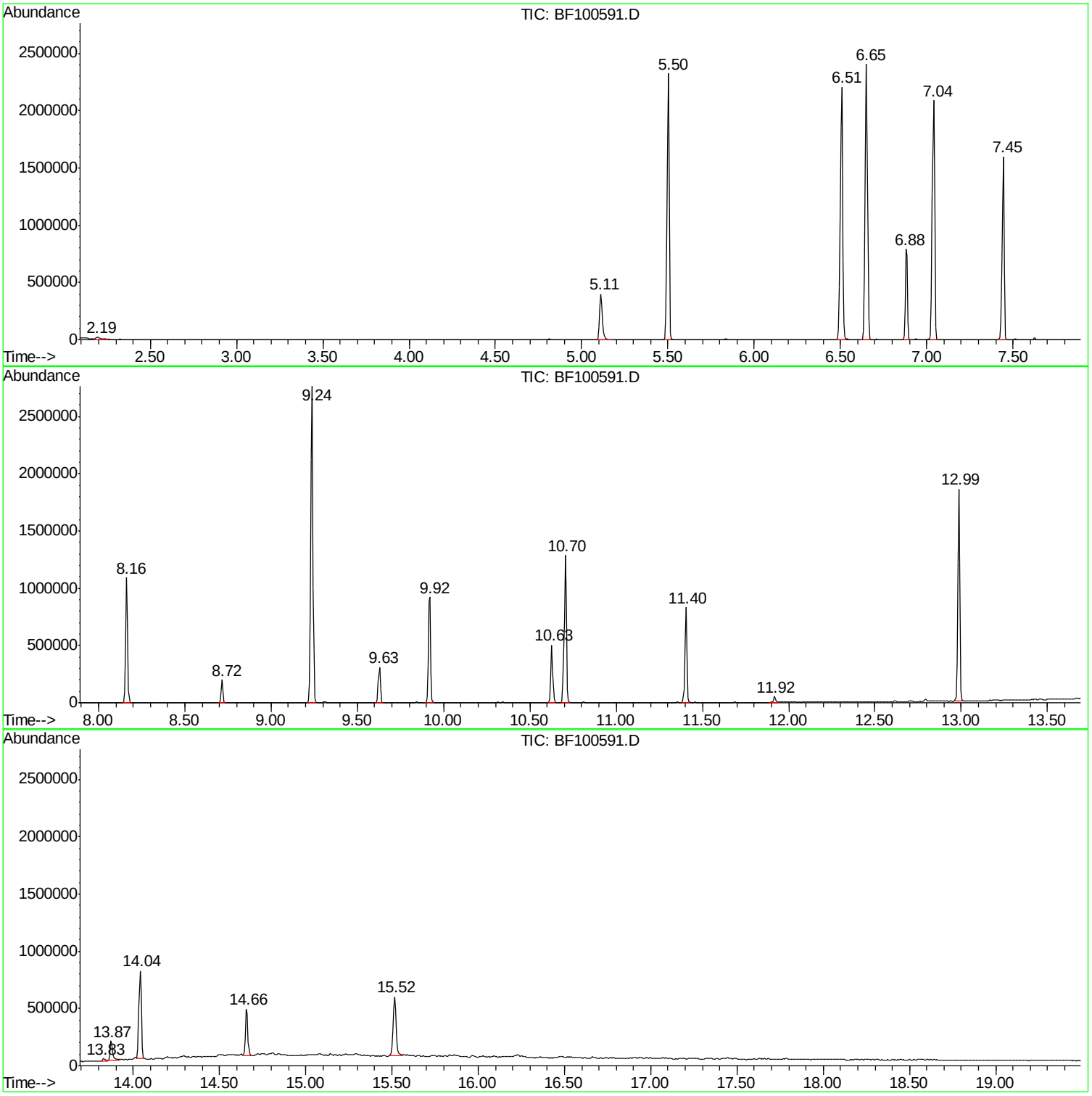
ClientSampleId :
EPE-120-2(5-10)

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



Library Search Compound Report

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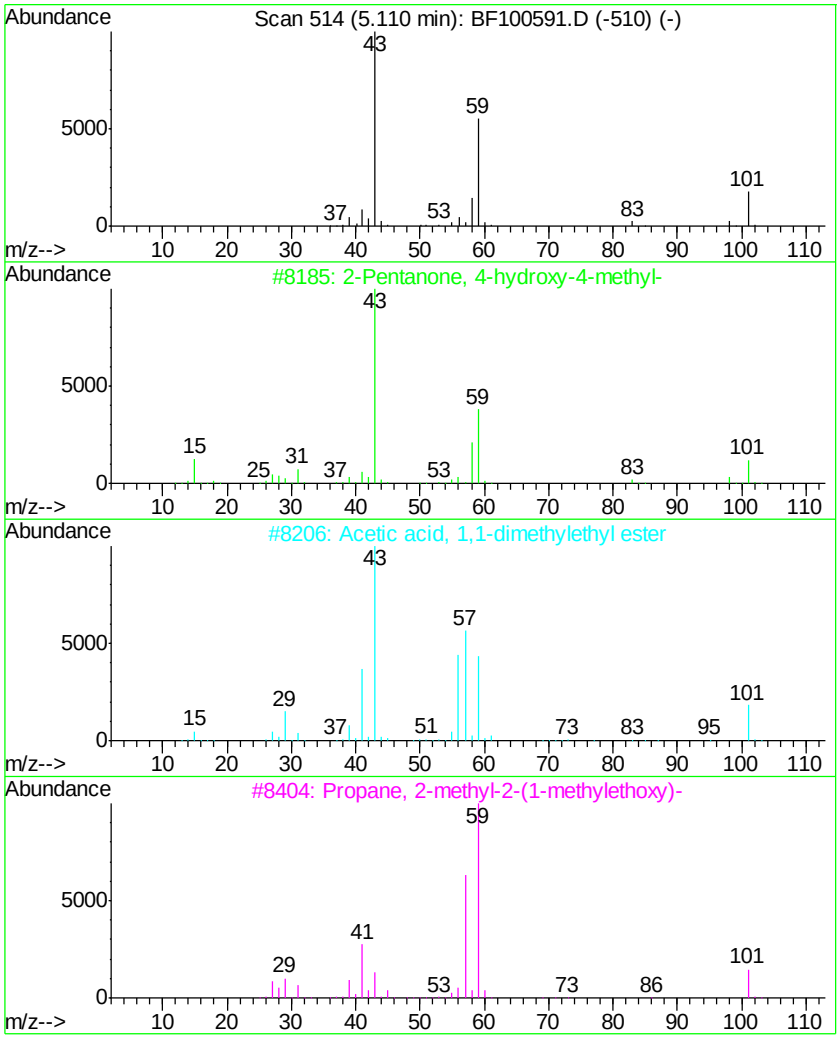
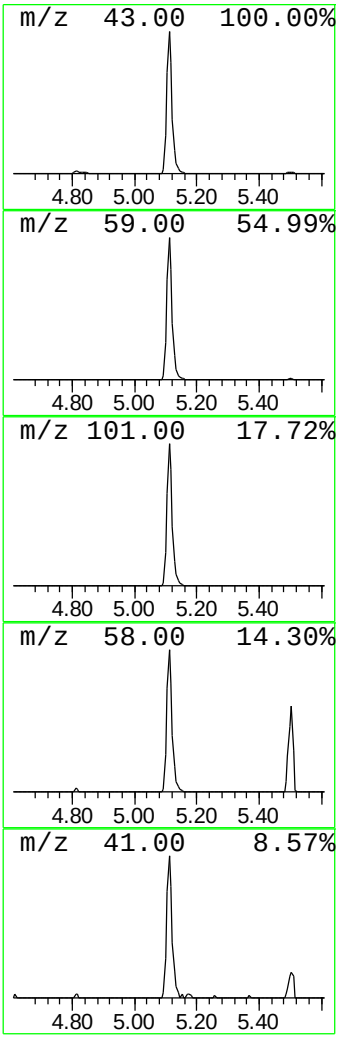
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	13.86 ng	487356	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : EPE-120-2(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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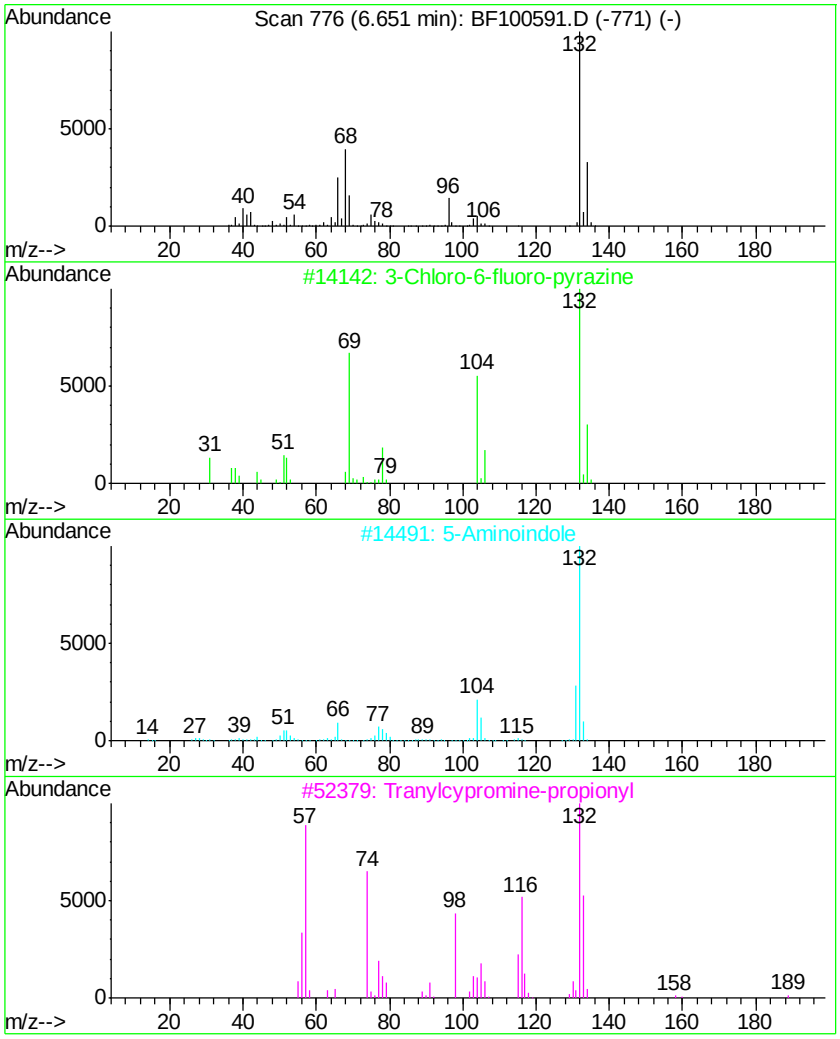
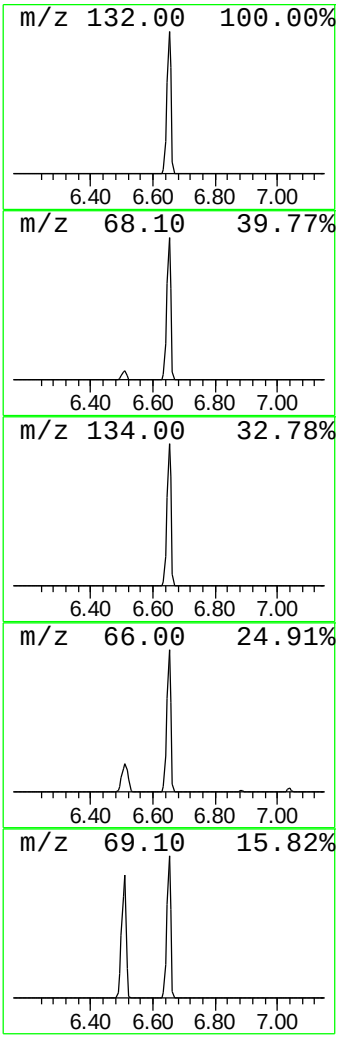
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	65.05 ng	2286980	1,4-Dichlorobenzene-d4	6.88

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : SJ/JU
Sample : I6422-06
Misc :
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Instrument : BNA_F
ClientSampleId : EPE-120-2(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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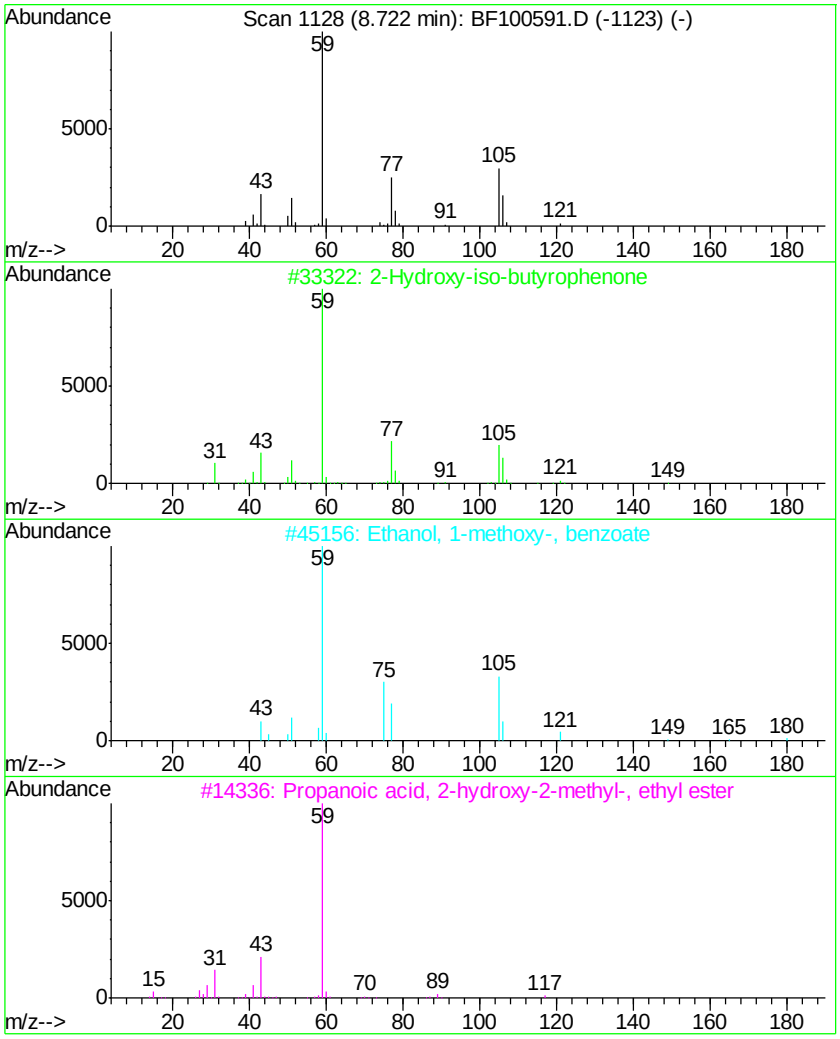
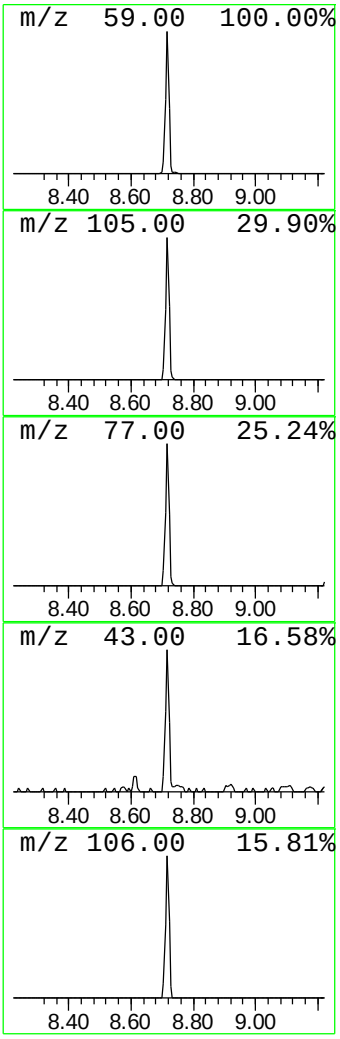
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.44 ng	152436	Naphthalene-d8	8.16

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	72
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
4	Guanidine	59	CH5N3	000113-00-8	7
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5





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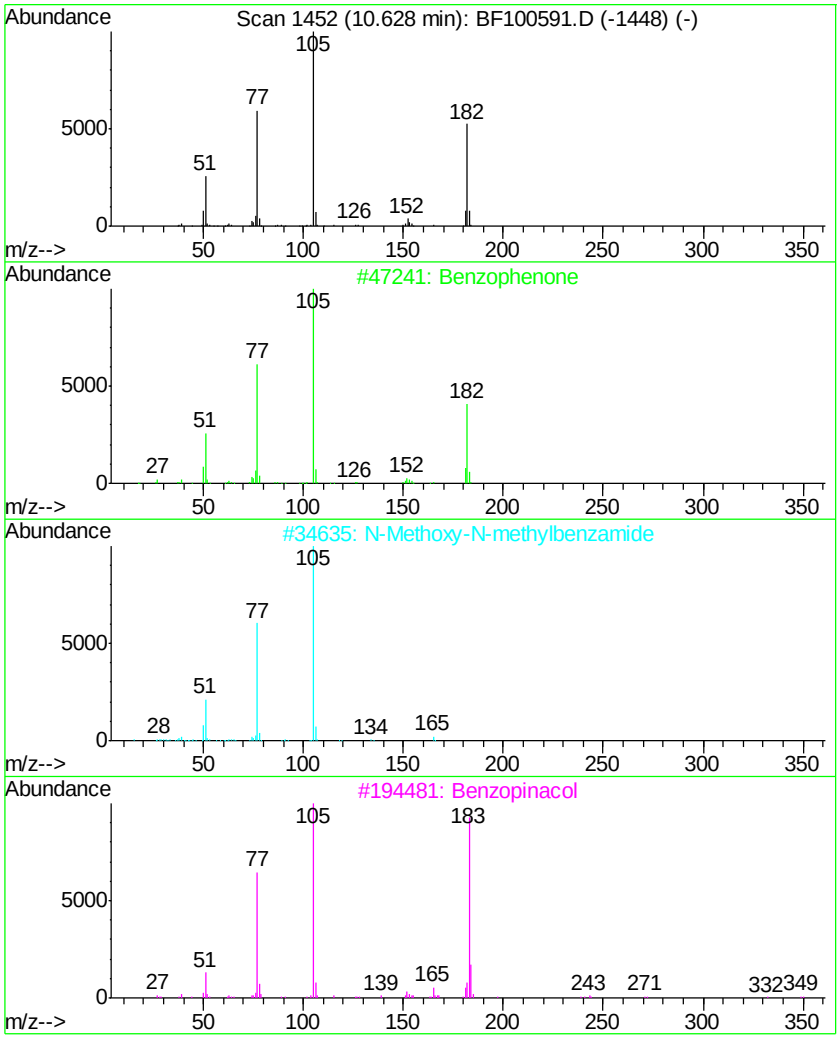
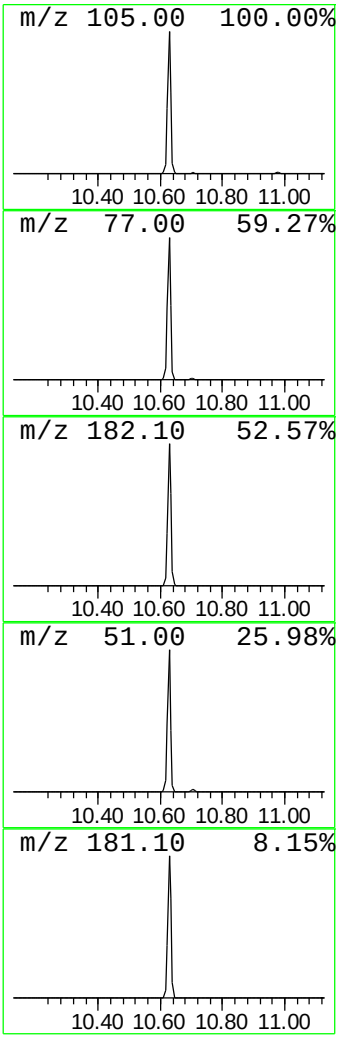
Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	8.74 ng	379545	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3	Benzopinacol	366	C26H22O2	000464-72-2	47
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47





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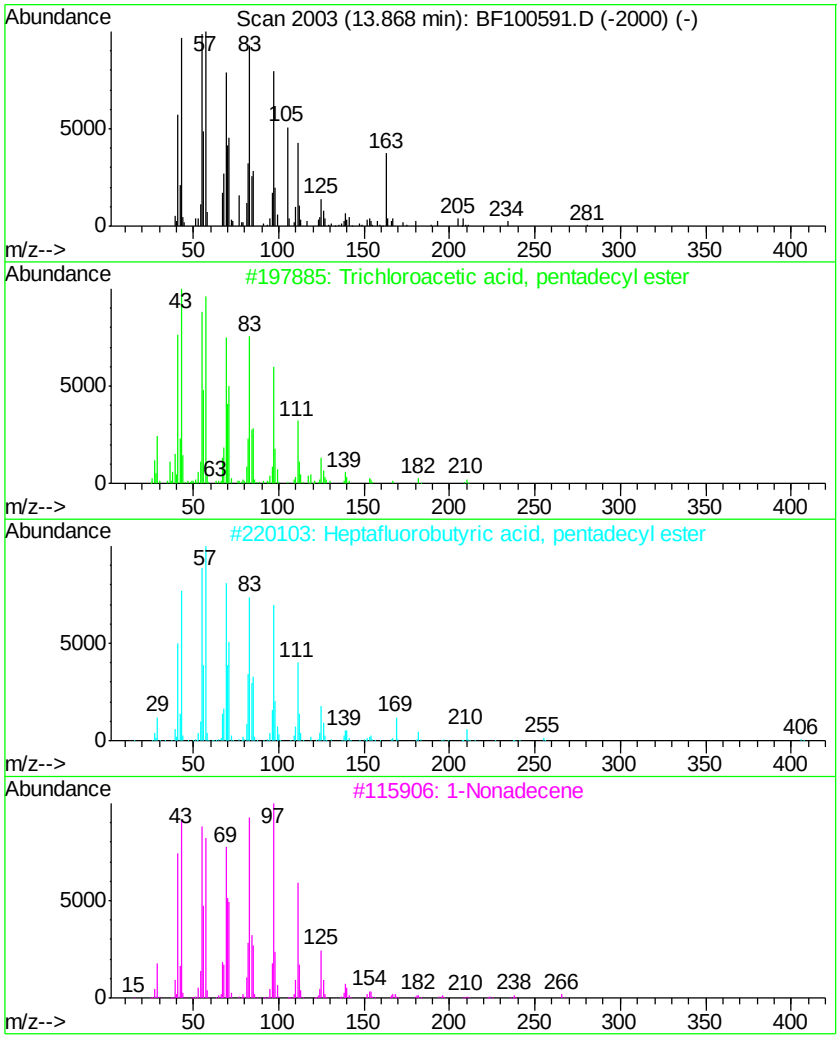
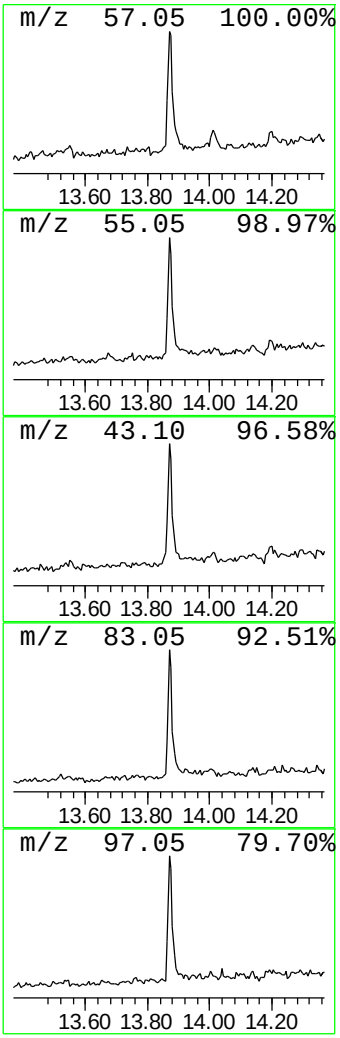
****

Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.90 ng	199079	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Instrument : BNA_F
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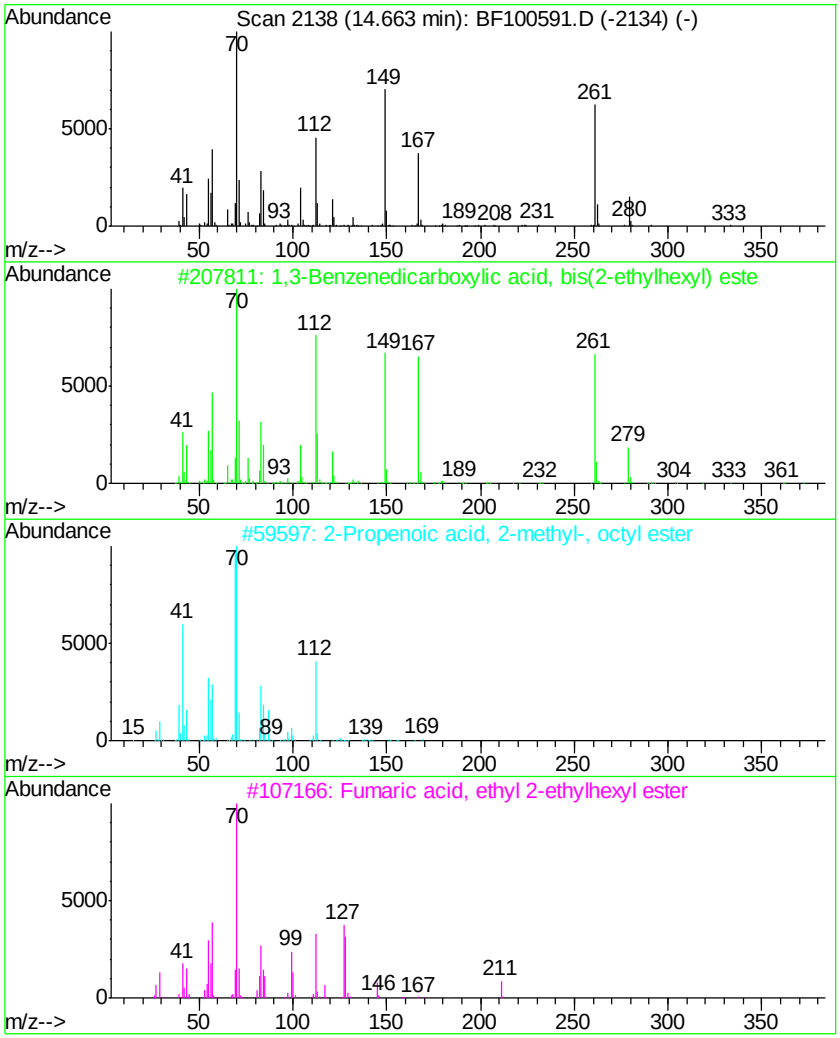
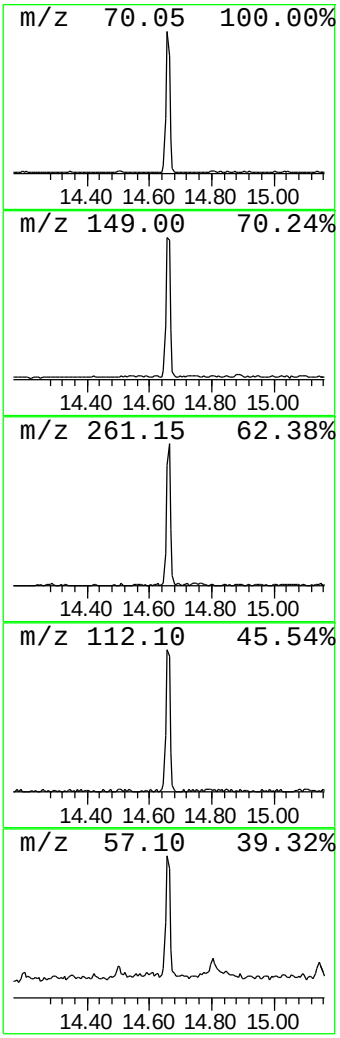
Peak Number 7 1,3-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	11.48 ng	387008	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	32
3	Fumaric acid, ethyl 2-ethylhexyl...	256	C14H24O4	1000339-13-5	32
4	Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	22
5	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	18





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...	5.11	13.9	ng	487356	1	6.88	703112	20.0
unknown6.65	6.65	65.0	ng	2286980	1	6.88	703112	20.0
2-Hydroxy-iso-but...	8.72	3.4	ng	152436	2	8.16	885933	20.0
Benzophenone	10.63	8.7	ng	379545	3	9.92	868539	20.0
Trichloroacetic a...	13.87	5.9	ng	199079	5	14.04	674376	20.0
1,3-Benzenedicarb...	14.66	11.5	ng	387008	5	14.04	674376	20.0