LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100311.D
Acq On : 9 Nov 2017 00:06
Operator : SJ/JU
Sample : I6346-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(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	4.034	322	331	335	rBV	5668410	9131794	100.00%	23.055%
2	5.128	513	517	527	rVB	649637	782761	8.57%	1.976%
3	5.516	578	583	587	rBV	2902610	2985061	32.69%	7.536%
4	6.522	748	754	758	rBV	2880513	3148874	34.48%	7.950%
5	6.669	774	779	782	rBV	3225594	3034636	33.23%	7.662%
6	6.898	815	818	822	rVB	1271170	1083183	11.86%	2.735%
7	7.057	841	845	848	rBV	2732156	2304509	25.24%	5.818%
8	7.463	908	914	917	rBV	1860717	1860869	20.38%	4.698%
9	8.181	1032	1036	1039	rBV	1683290	1374296	15.05%	3.470%
10	8.733	1126	1130	1133	rBV	375889	273305	2.99%	0.690%
11	9.257	1214	1219	1222	rBV	3615334	3064544	33.56%	7.737%
12	9.645	1281	1285	1288	rBV	1047680	833014	9.12%	2.103%
13	9.933	1330	1334	1338	rBV	1451829	1344132	14.72%	3.394%
14	10.645	1451	1455	1459	rBV	1176688	1016558	11.13%	2.567%
15	10.722	1463	1468	1471	rBV	1787194	1534369	16.80%	3.874%
16	11.422	1581	1587	1590	rBV	1413484	1141524	12.50%	2.882%
17	13.004	1852	1856	1860	rBV	2408064	2140494	23.44%	5.404%
18	14.057	2029	2035	2039	rBV	1136281	1025360	11.23%	2.589%
19	14.686	2138	2142	2146	rBV	668269	580507	6.36%	1.466%
20	15.539	2282	2287	2297	rVB	730904	948319	10.38%	2.394%

Sum of corrected areas: 39608109

LSC Report - Integrated Chromatogram

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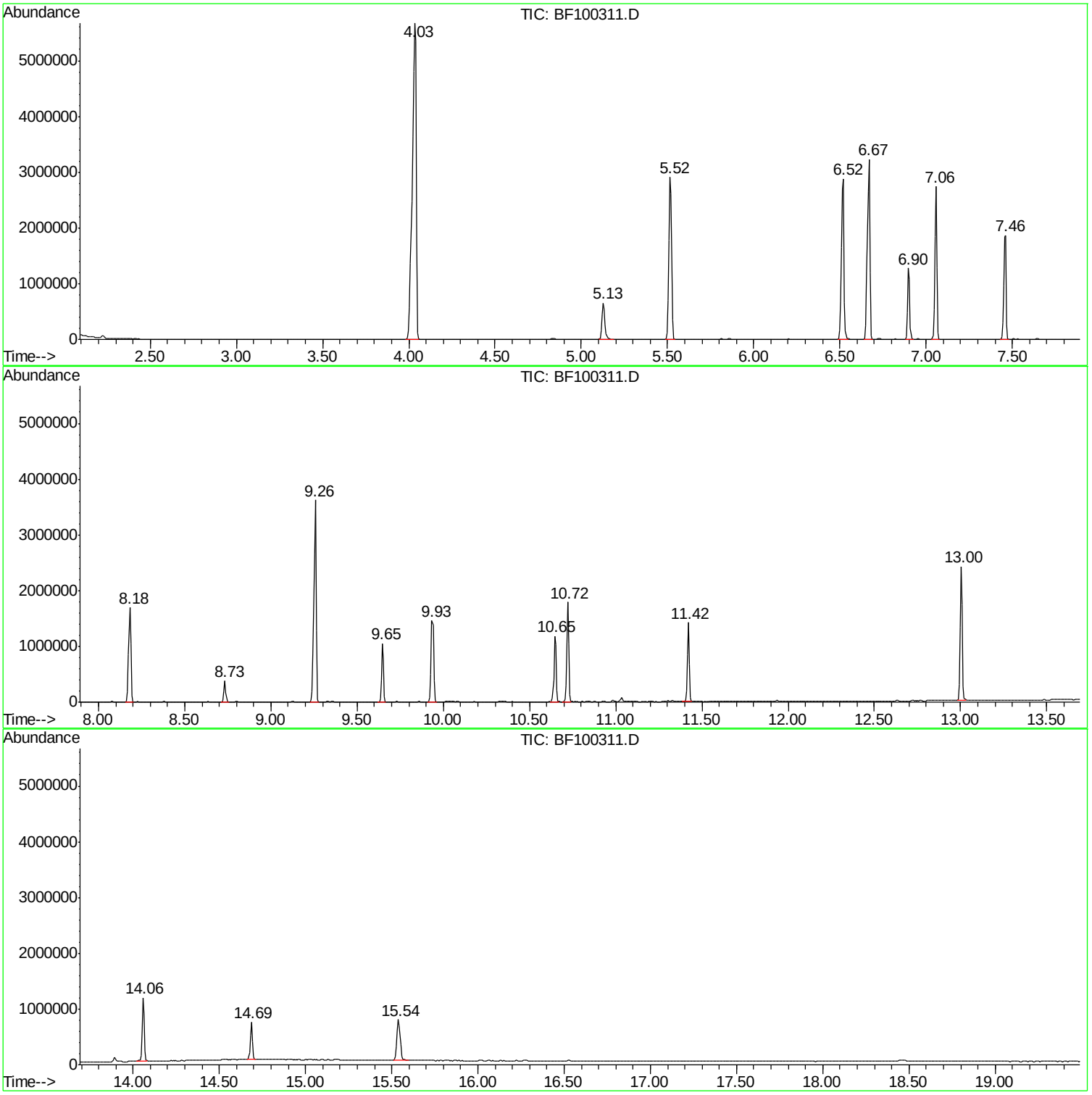
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-5(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



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Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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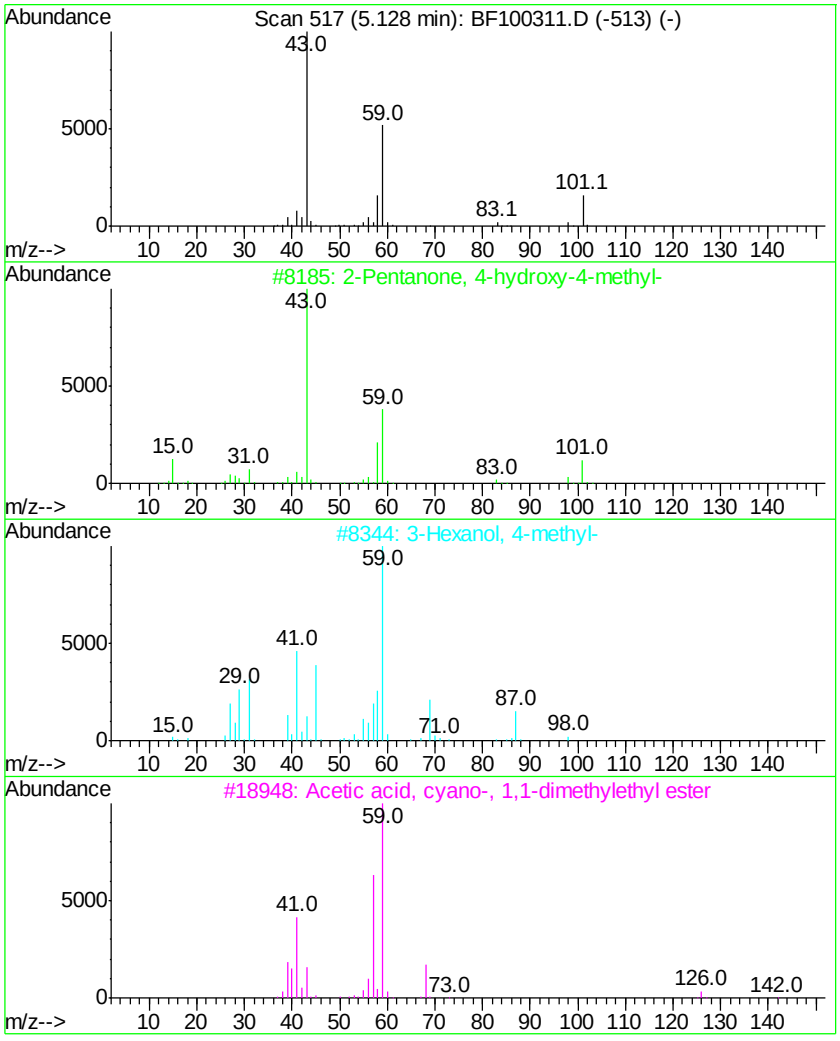
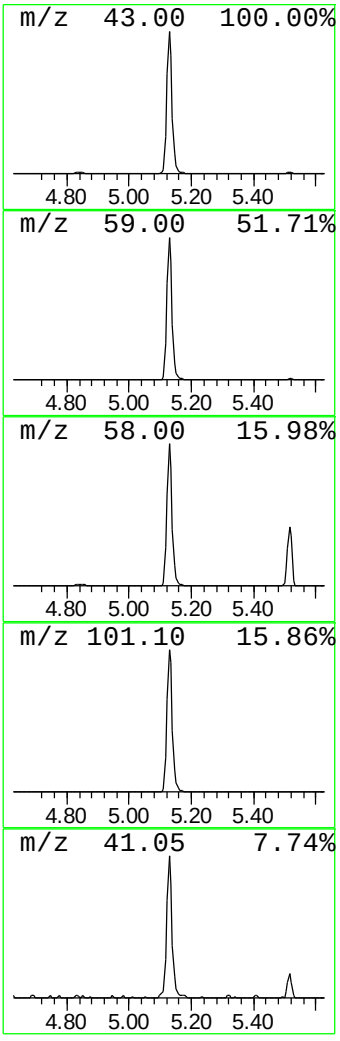
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.45 ng	782761	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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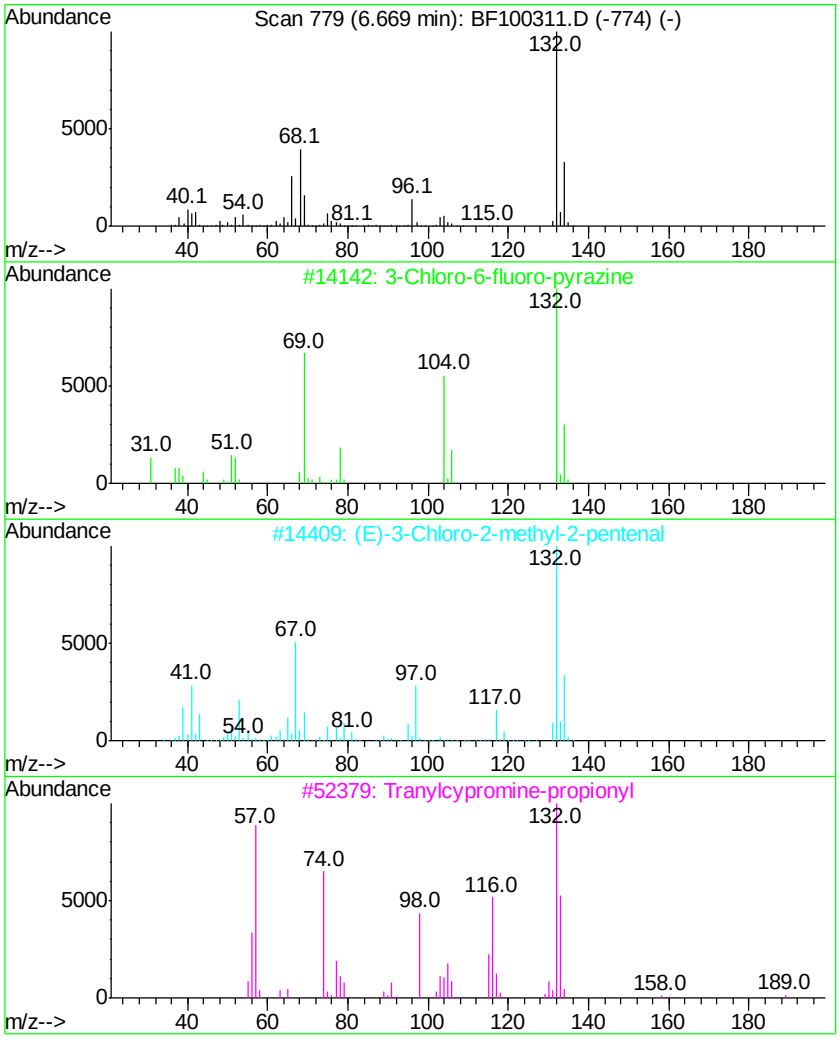
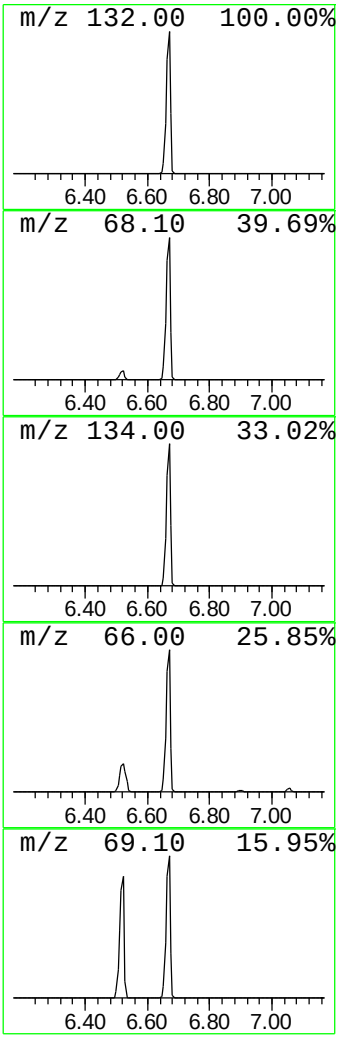
Peak Number 3 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	56.03 ng	3034640	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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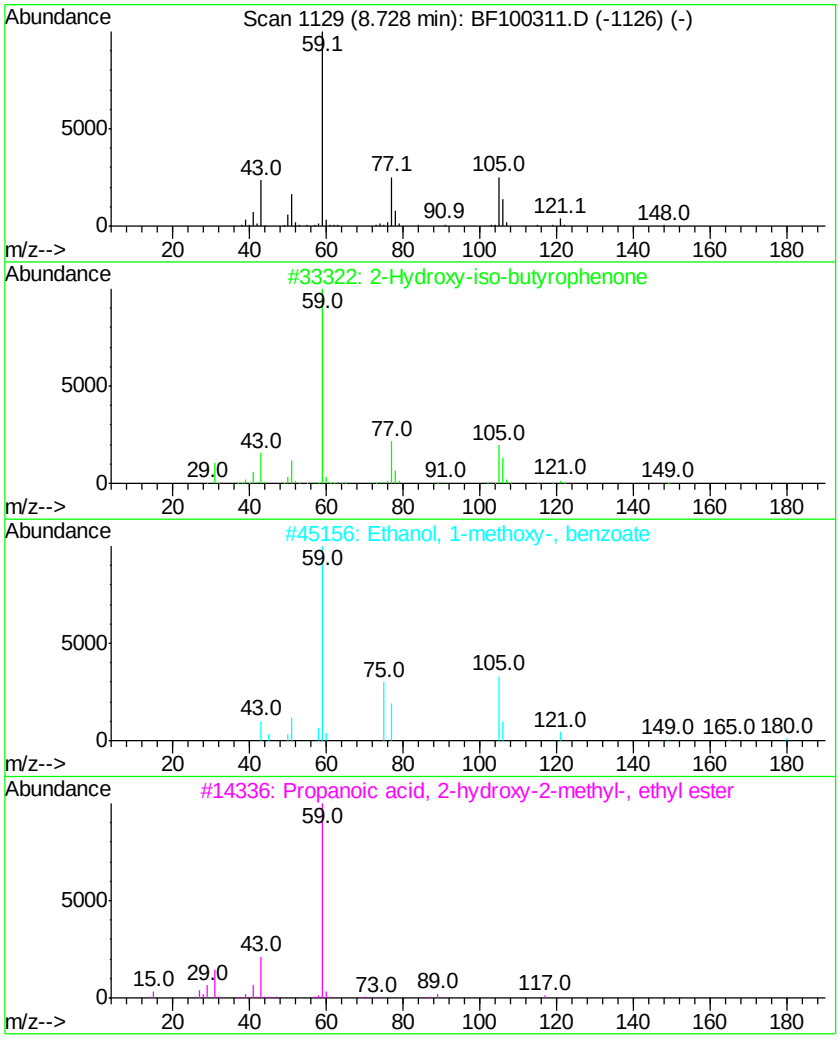
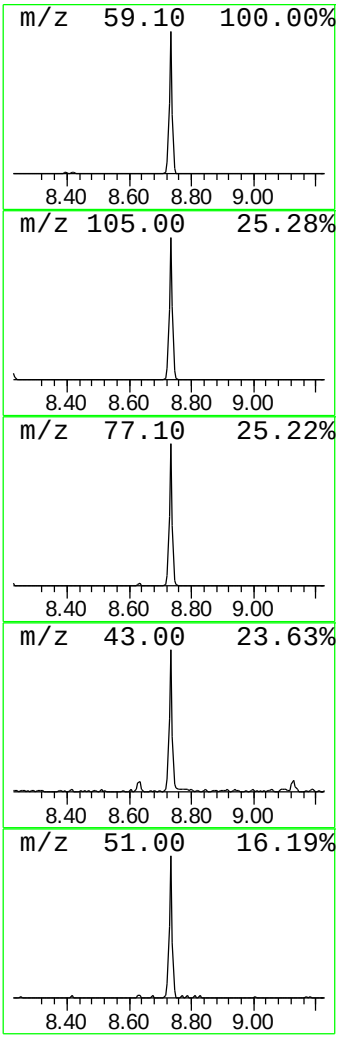
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.98 ng	273305	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	72
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	32
4	Hexanamide	115	C6H13NO	000628-02-4	9
5	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	9





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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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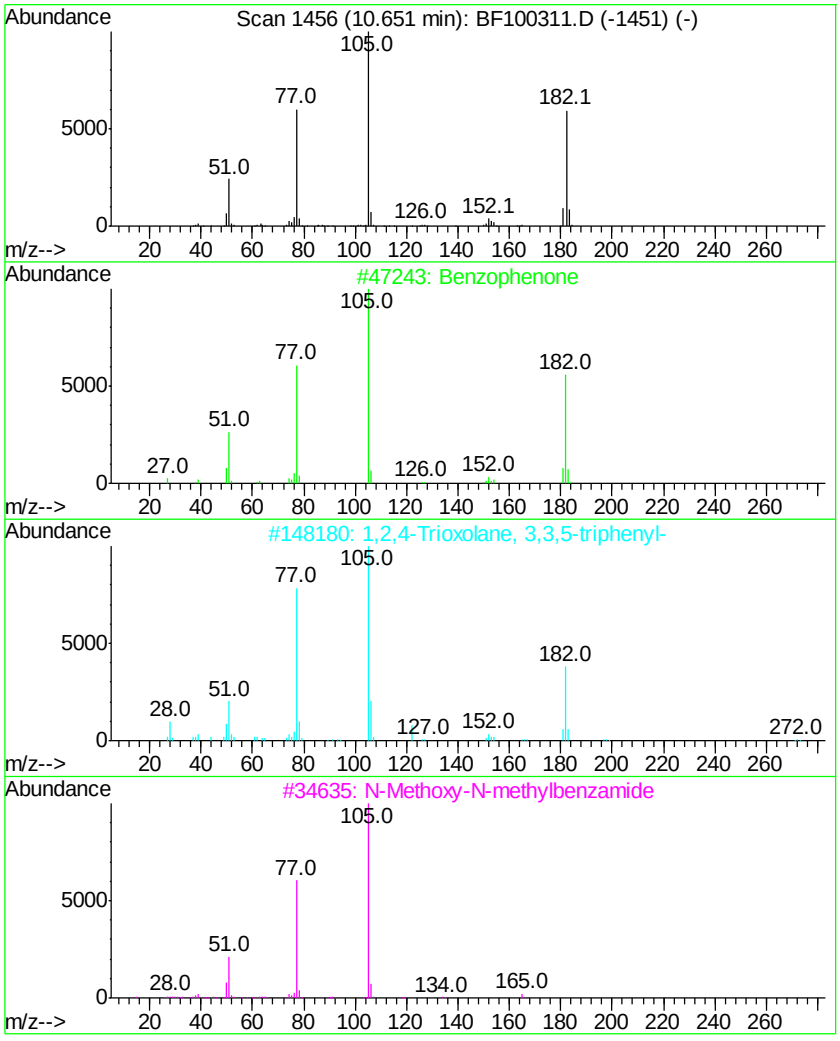
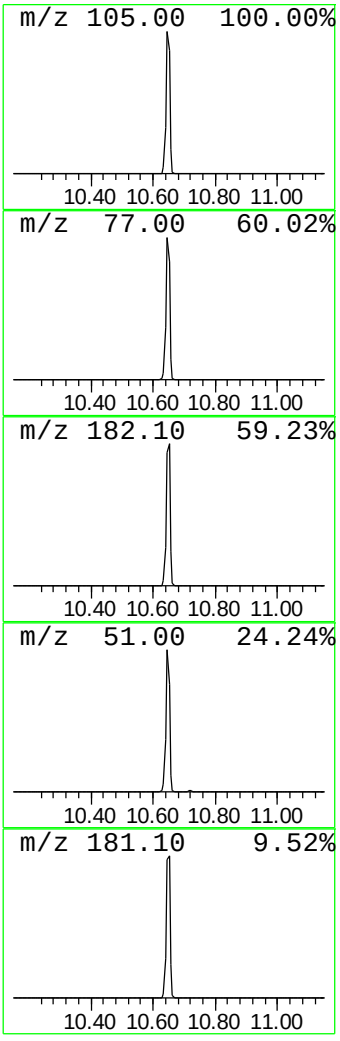
Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	15.13 ng	1016560	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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Instrument : BNA_F
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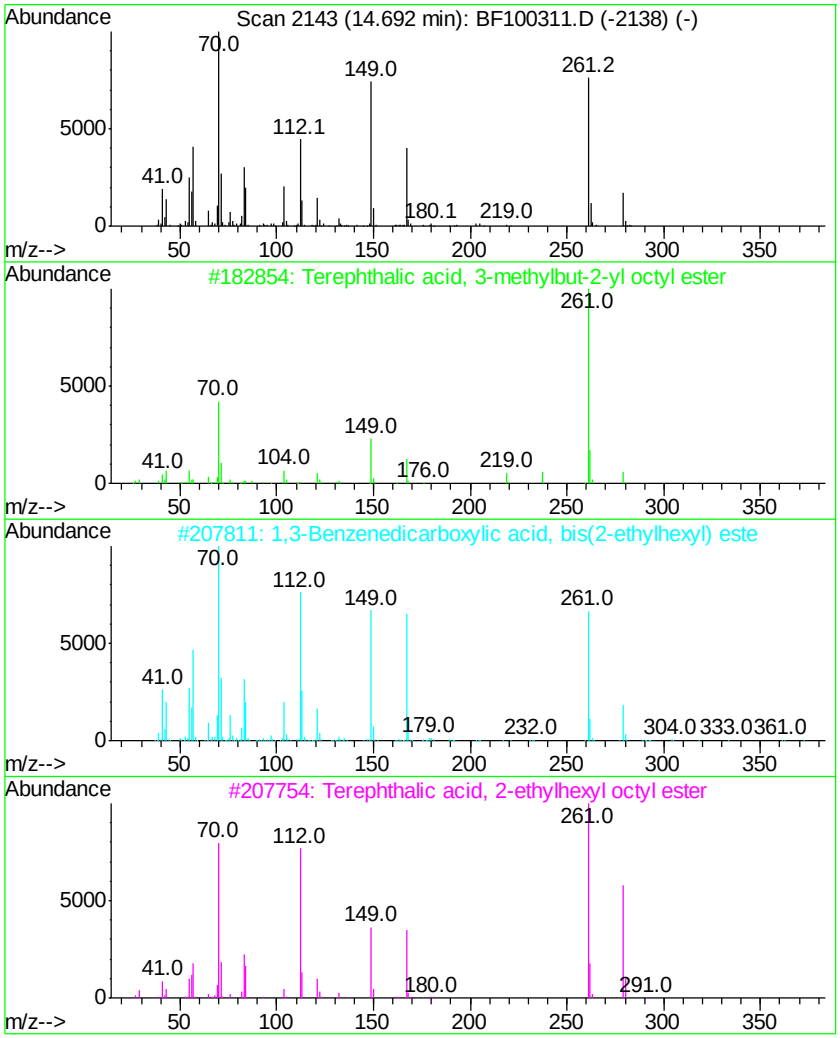
TIC Integration Parameters: LSCINT.P

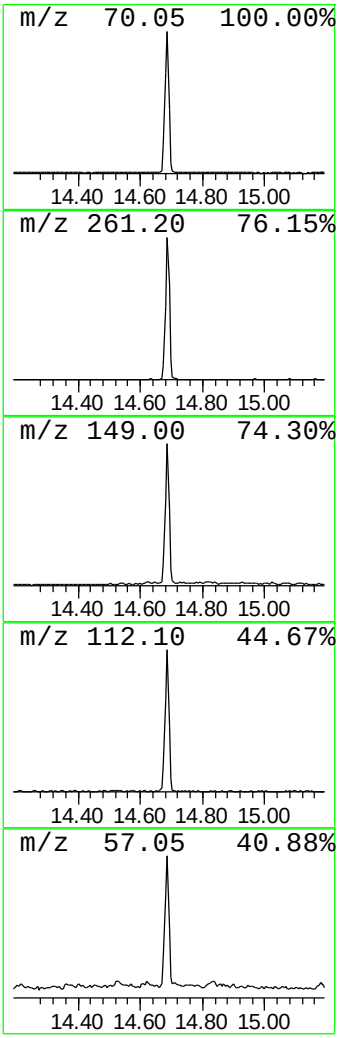
****

Peak Number 7 Terephthalic acid, 3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	11.32 ng	580507	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
3	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	43
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	38
5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38





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...	5.13	14.4	ng	782761	1	6.90	1083180	20.0
unknown6.67	6.67	56.0	ng	3034640	1	6.90	1083180	20.0
2-Hydroxy-iso-but...	8.73	4.0	ng	273305	2	8.18	1374300	20.0
Benzophenone	10.65	15.1	ng	1016560	3	9.93	1344130	20.0
Terephthalic acid...	14.69	11.3	ng	580507	5	14.06	1025360	20.0