LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100314.D
Acq On : 9 Nov 2017 1:27
Operator : SJ/JU
Sample : I6346-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(10-12)

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	2.240	22	26	30	rVB	73376	101692	1.99%	0.248%
2	5.140	515	519	531	rVB	730661	1032314	20.24%	2.522%
3	5.528	578	585	588	rBV	4254525	4945982	96.97%	12.082%
4	6.528	748	755	758	rBV	4219152	5100514	100.00%	12.460%
5	6.675	774	780	783	rBV	4327486	4888500	95.84%	11.942%
6	6.898	815	818	822	rVB	1269433	1136286	22.28%	2.776%
7	7.057	841	845	848	rBV	3743523	3421561	67.08%	8.358%
8	7.463	908	914	917	rBV	2927868	3142776	61.62%	7.677%
9	8.181	1031	1036	1040	rBV	1715719	1460611	28.64%	3.568%
10	8.734	1127	1130	1133	rBV	126320	94800	1.86%	0.232%
11	9.257	1213	1219	1222	rBV	4695813	4469672	87.63%	10.919%
12	9.645	1282	1285	1288	rBV	97015	70731	1.39%	0.173%
13	9.934	1330	1334	1338	rBV	1487920	1429279	28.02%	3.491%
14	10.651	1452	1456	1459	rBV	344127	287416	5.64%	0.702%
15	10.728	1463	1469	1472	rBV	2547582	2625359	51.47%	6.413%
16	11.422	1583	1587	1590	rBV	1526006	1206645	23.66%	2.948%
17	11.939	1671	1675	1679	rBV	78997	77552	1.52%	0.189%
18	13.010	1852	1857	1860	rBV	3235348	3108221	60.94%	7.593%
19	13.892	2004	2007	2014	rBV2	49762	57119	1.12%	0.140%
20	14.057	2028	2035	2039	rBV	1136975	1027553	20.15%	2.510%
21	14.686	2138	2142	2145	rVB	207126	191425	3.75%	0.468%
22	15.539	2282	2287	2296	rBV	769866	952075	18.67%	2.326%
23	18.468	2778	2785	2792	rBV9	44590	108148	2.12%	0.264%

Sum of corrected areas: 40936231

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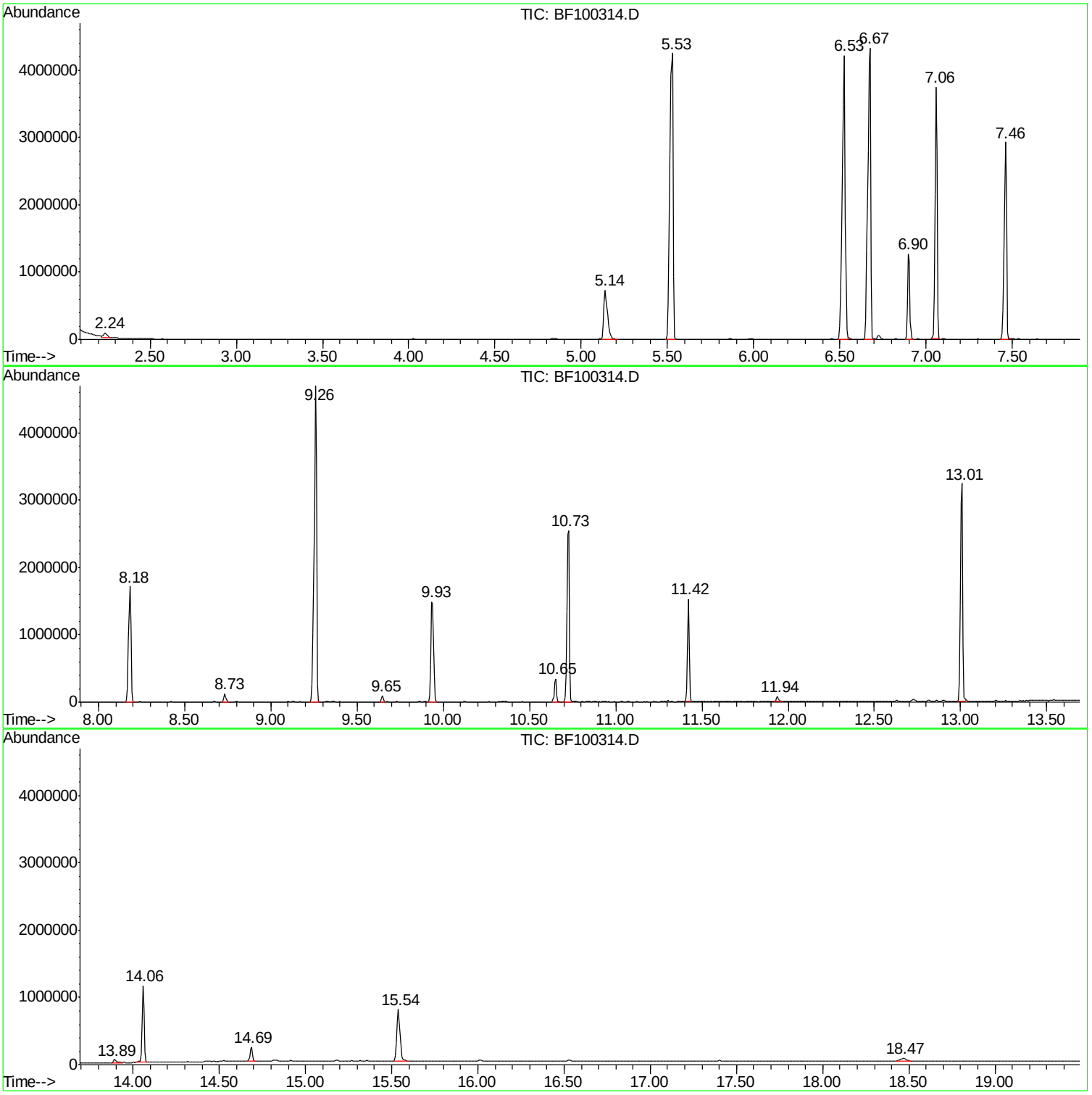
Instrument :
BNA_F
ClientSampleId :
EPE-120-5(10-12)

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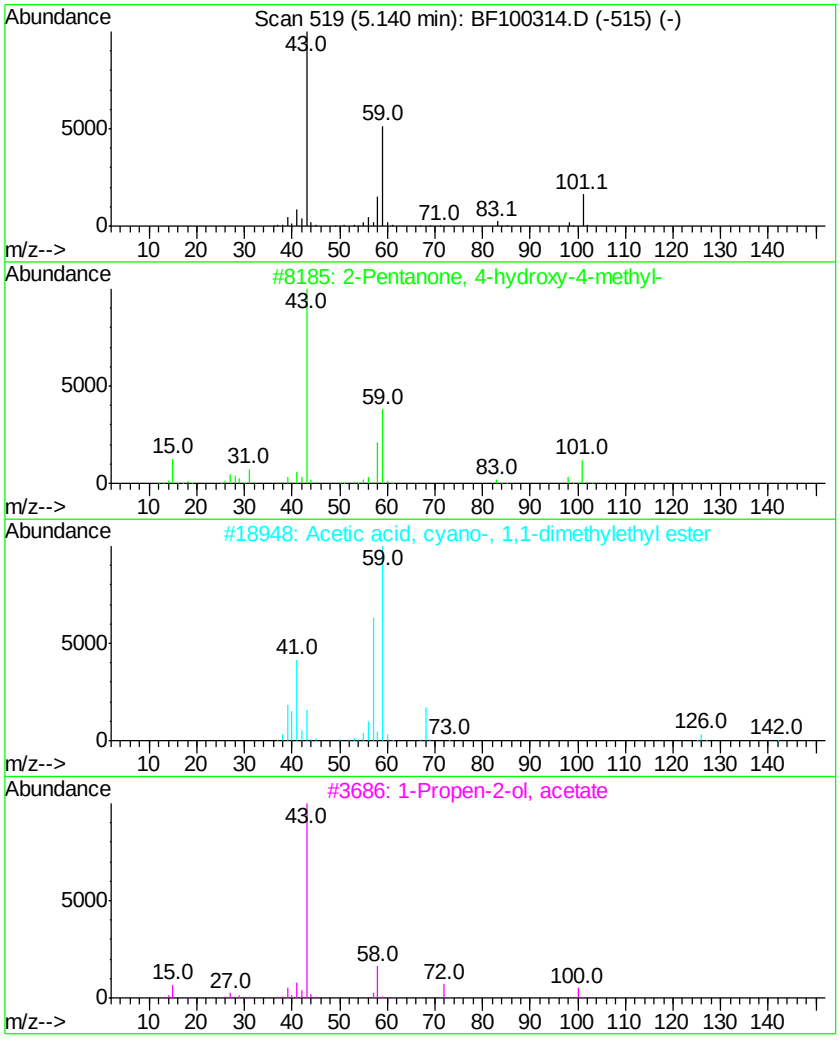
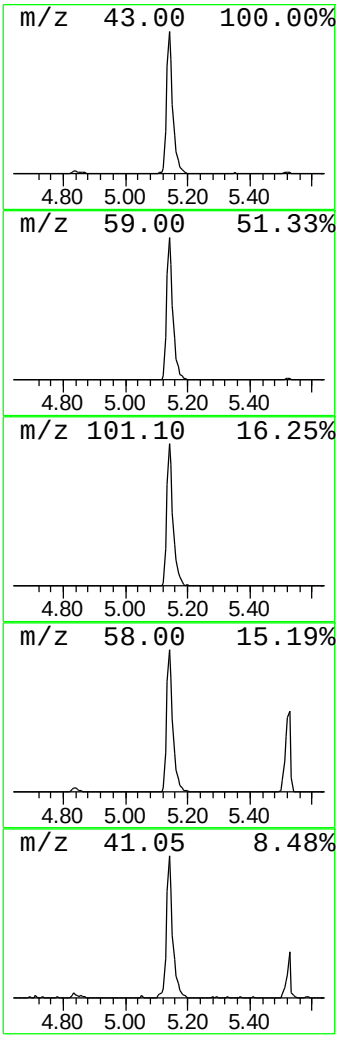
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	18.17 ng	1032310	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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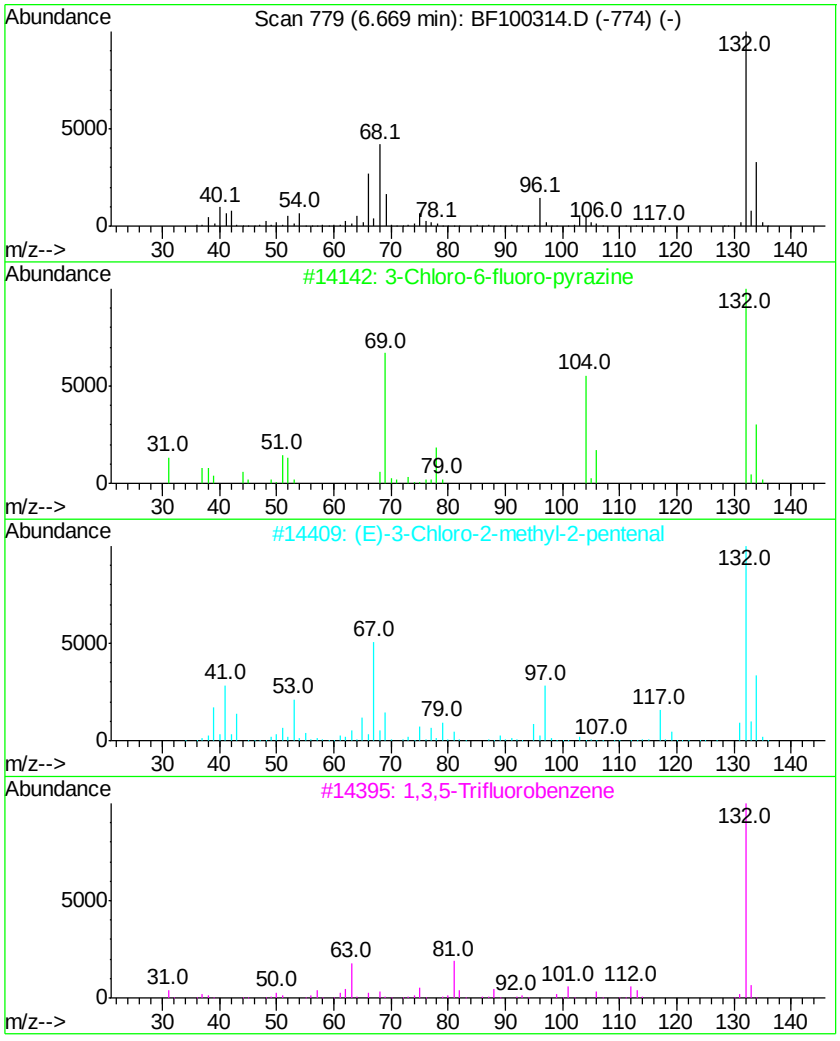
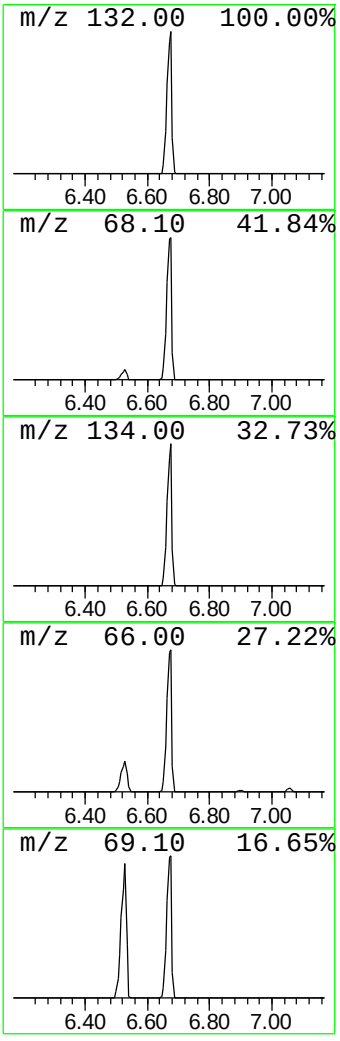
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	86.04 ng	4888500	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	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(10-12)

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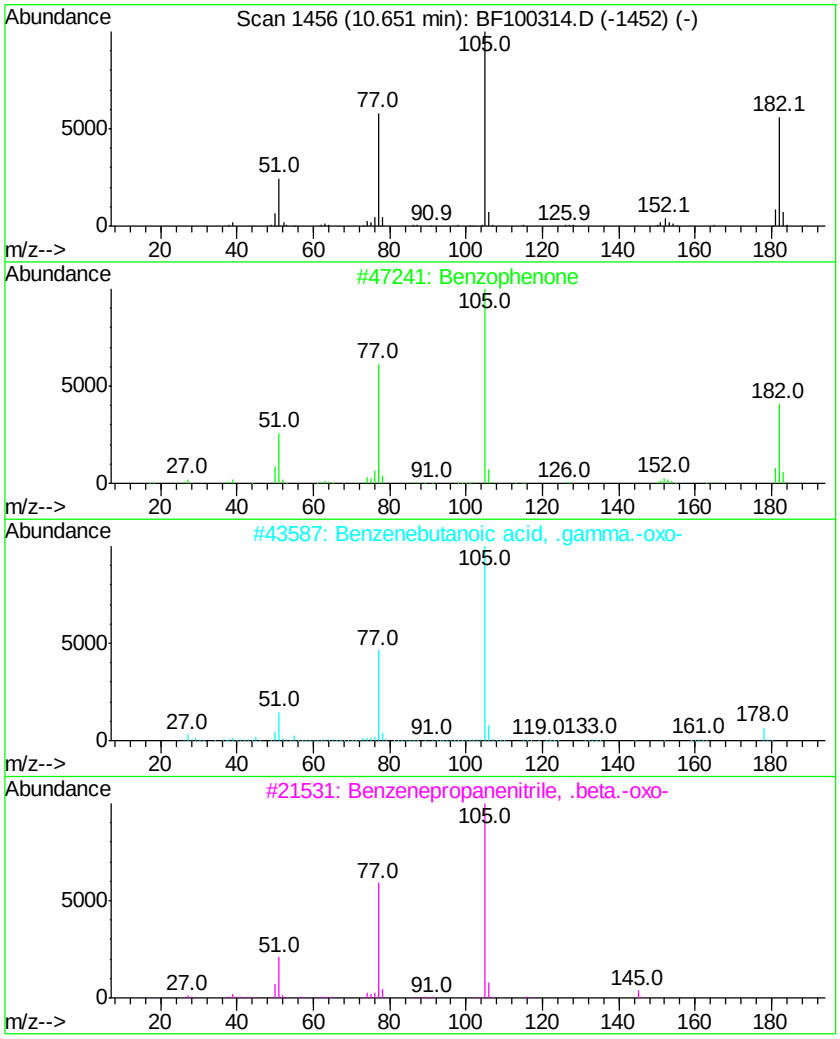
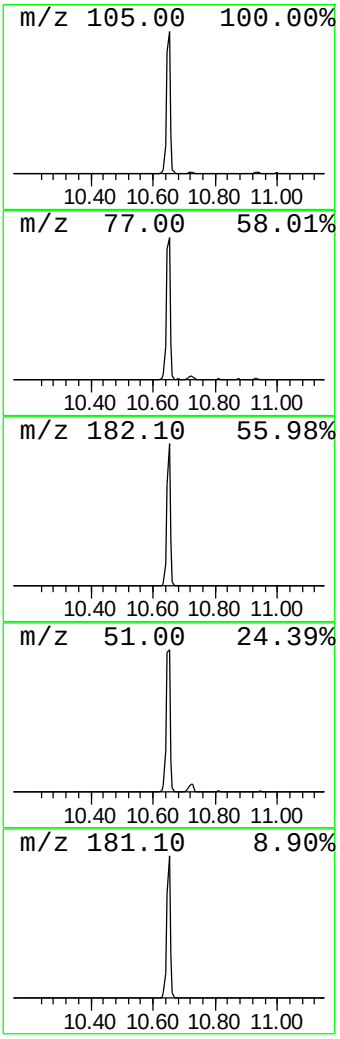
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.02 ng	287416	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Instrument : BNA_F
ClientSampleId : EPE-120-5(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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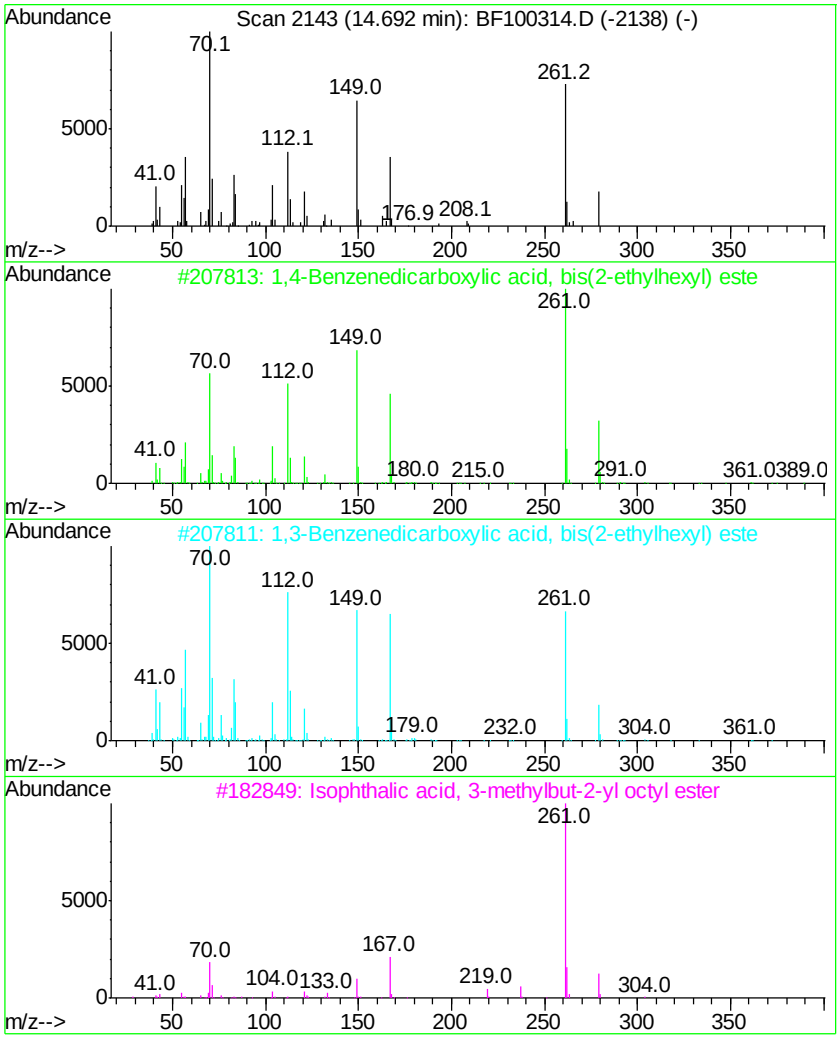
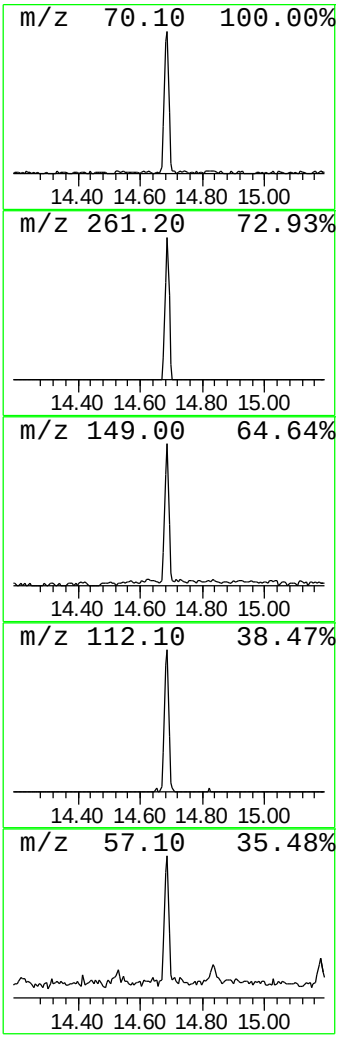
Peak Number 5 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.73 ng	191425	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
3	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	50
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	47
5	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	38





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Instrument : BNA_F
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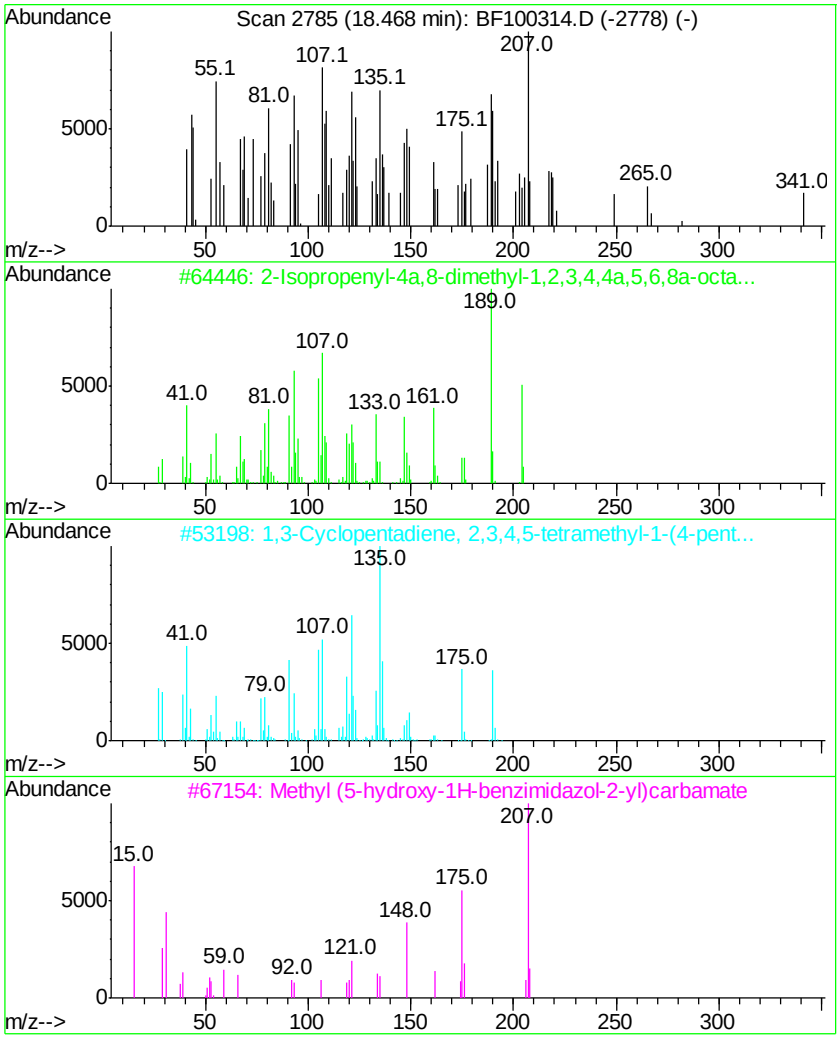
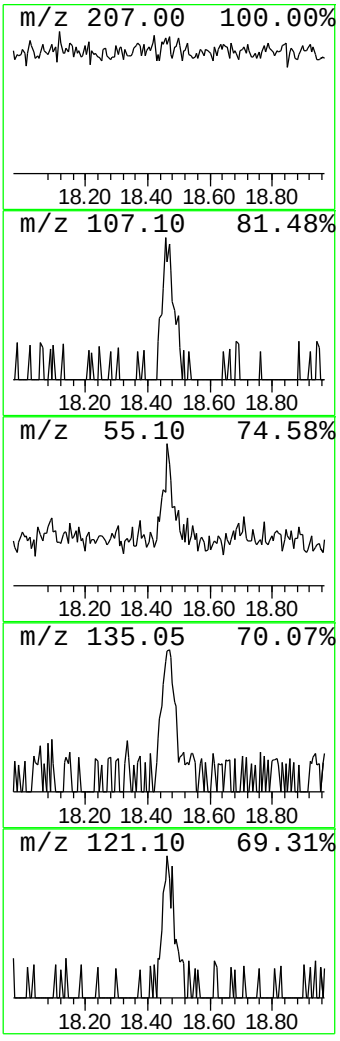
Peak Number 6 unknown18.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.27 ng	108148	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
2	1,3-Cyclopentadiene, 2,3,4,5-tet...	190	C14H22	1000161-28-7	38
3	Methyl (5-hydroxy-1H-benzimidazo...	207	C9H9N3O3	022769-68-2	27
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	25
5	.alpha.-Bulnesene	204	C15H24	1000374-19-9	25





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...	5.14	18.2	ng	1032310	1	6.90	1136290	20.0
unknown6.67	6.67	86.0	ng	4888500	1	6.90	1136290	20.0
Benzophenone	10.65	4.0	ng	287416	3	9.93	1429280	20.0
1,4-Benzenedicarb...	14.69	3.7	ng	191425	5	14.06	1027550	20.0
unknown18.47	18.47	2.3	ng	108148	6	15.54	952075	20.0