LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100310.D
Acq On : 8 Nov 2017 23:40
Operator : SJ/JU
Sample : I6346-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(0-5)

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	5.122	513	516	526	rVB	488218	509594	18.62%	1.962%
2	5.510	577	582	586	rBV	2566210	2545864	93.02%	9.804%
3	6.516	748	753	757	rBV	2578732	2736762	100.00%	10.539%
4	6.669	774	779	782	rBV	2692948	2613588	95.50%	10.065%
5	6.898	815	818	822	rBV	1147966	968001	35.37%	3.728%
6	7.057	841	845	848	rVB	2299806	1955837	71.47%	7.532%
7	7.457	908	913	916	rBV	1651604	1561698	57.06%	6.014%
8	8.181	1032	1036	1039	rBV	1545026	1216309	44.44%	4.684%
9	8.733	1124	1130	1133	rBV	355302	257187	9.40%	0.990%
10	9.257	1213	1219	1222	rBV	3211883	2736252	99.98%	10.537%
11	9.645	1282	1285	1289	rVB	976578	785505	28.70%	3.025%
12	9.933	1330	1334	1338	rBV	1260083	1184902	43.30%	4.563%
13	10.645	1452	1455	1459	rVB	1035086	868827	31.75%	3.346%
14	10.722	1464	1468	1471	rBV	1556996	1325775	48.44%	5.105%
15	11.422	1581	1587	1590	rBV	1229762	989567	36.16%	3.811%
16	13.004	1852	1856	1860	rBV	2035971	1738127	63.51%	6.693%
17	13.892	2004	2007	2011	rBV	55240	57092	2.09%	0.220%
18	14.057	2031	2035	2042	rVB	1011562	893868	32.66%	3.442%
19	15.539	2282	2287	2295	rBV	681445	863367	31.55%	3.325%
20	16.009	2364	2367	2377	rVB3	28773	45768	1.67%	0.176%
21	17.398	2597	2603	2609	rVB5	58896	114204	4.17%	0.440%

Sum of corrected areas: 25968094

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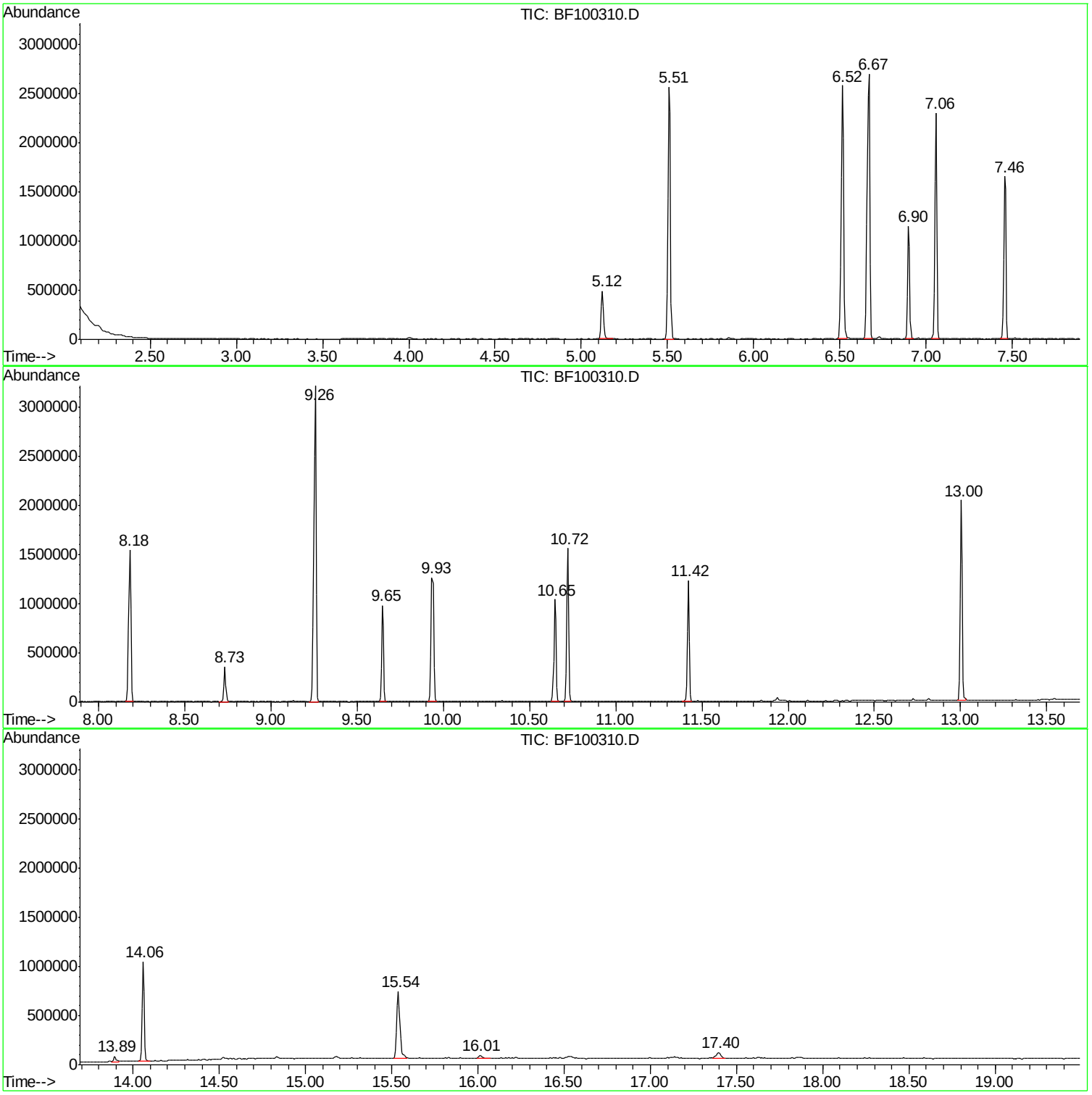
BNA_F
ClientSampleId :
EPE-120-5(0-5)

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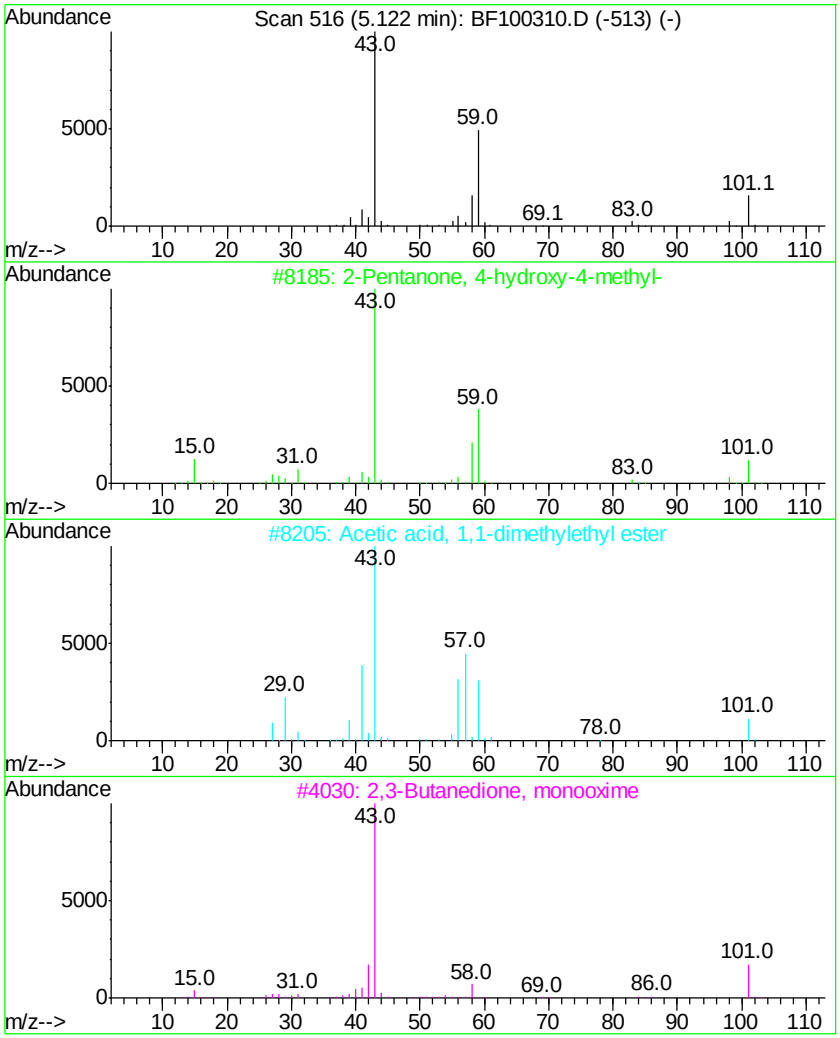
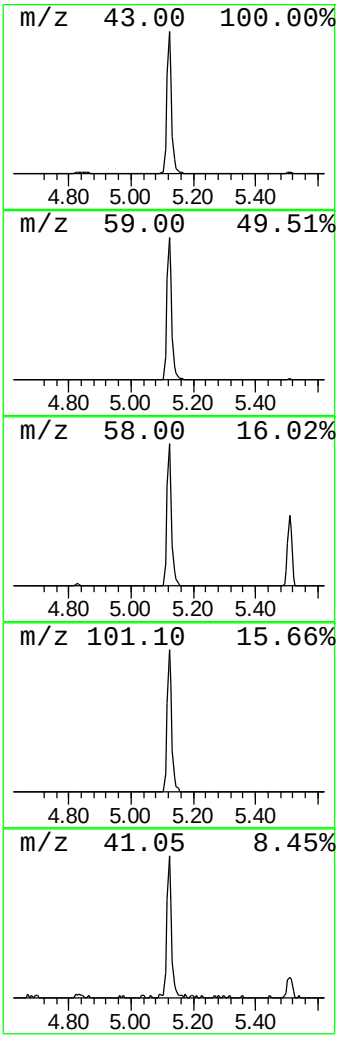
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	10.53 ng	509594	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	9





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Instrument : BNA_F
ClientSampleId : EPE-120-5(0-5)

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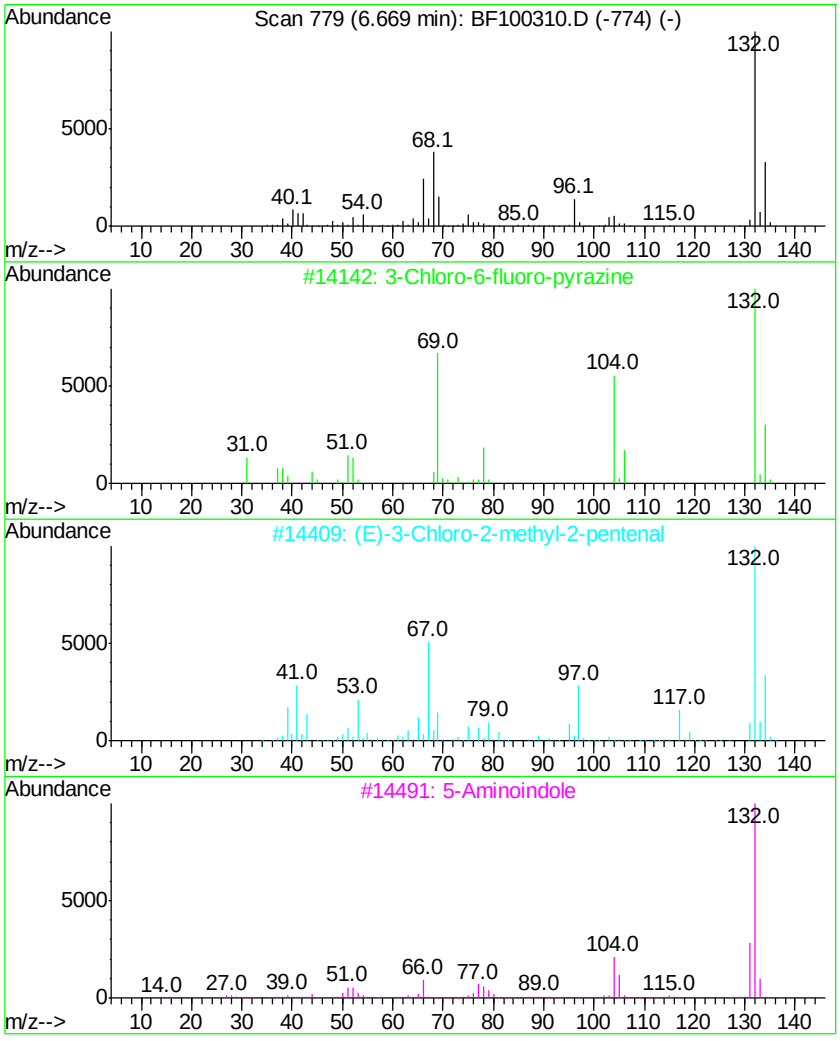
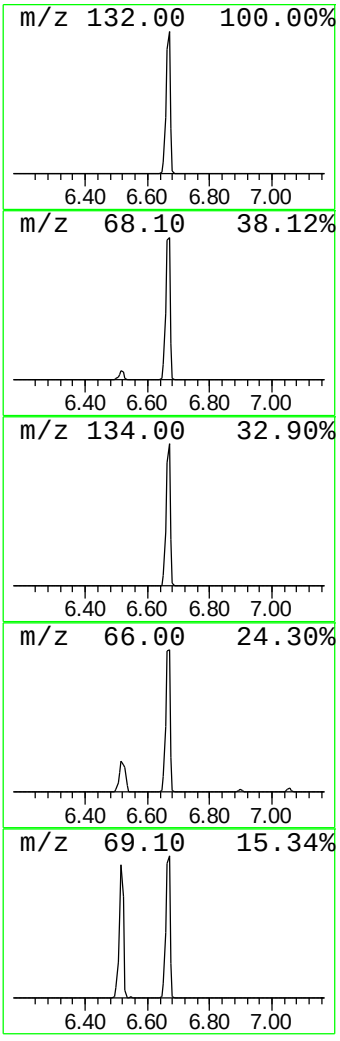
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	54.00 ng	2613590	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_F
ClientSampleId : EPE-120-5(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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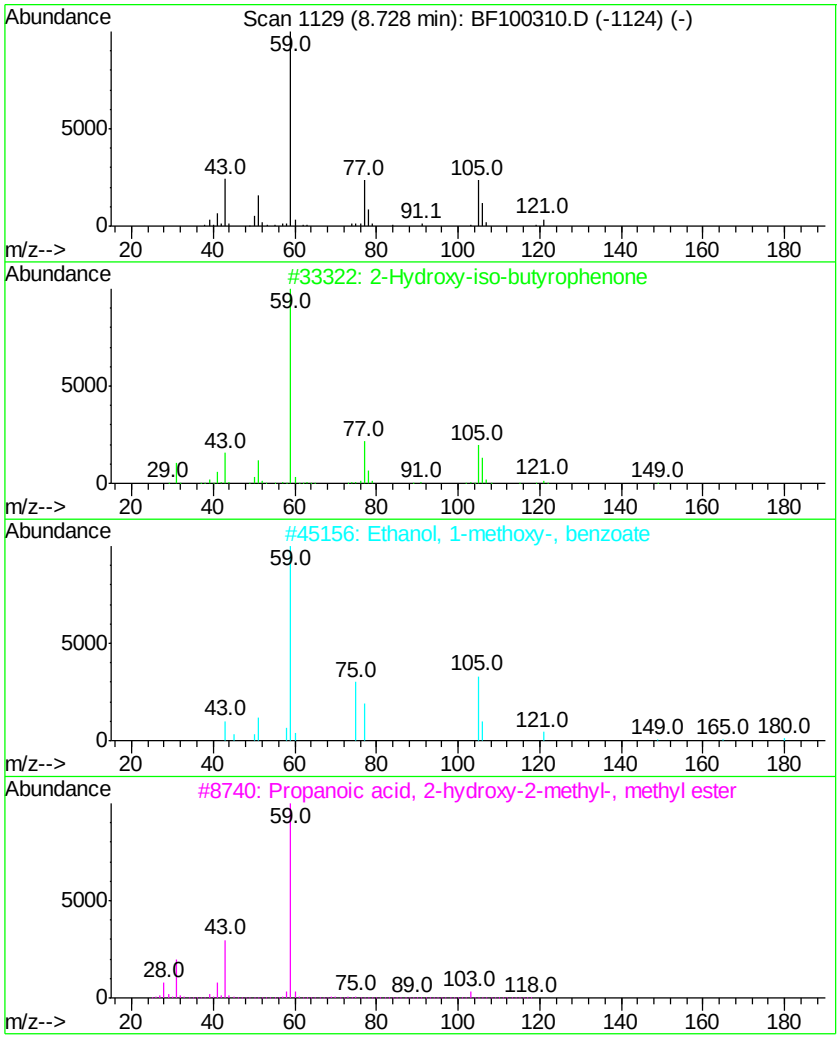
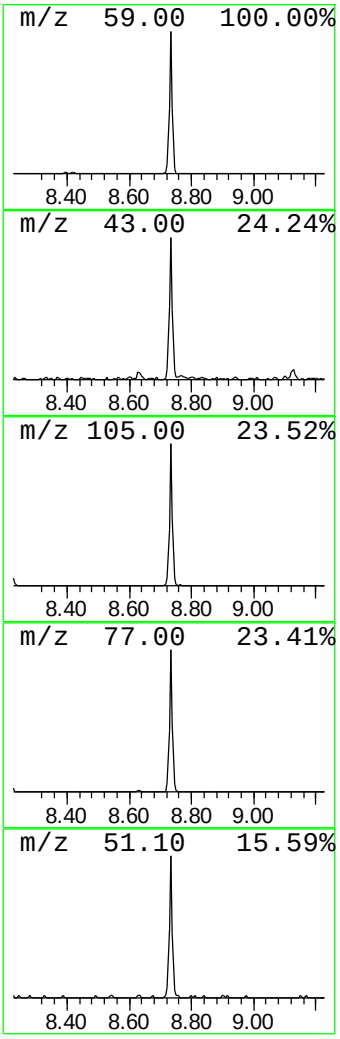
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.23 ng	257187	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...	118	C5H10O3	002110-78-3	23
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	9
5	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9





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Instrument : BNA_F
ClientSampleId : EPE-120-5(0-5)

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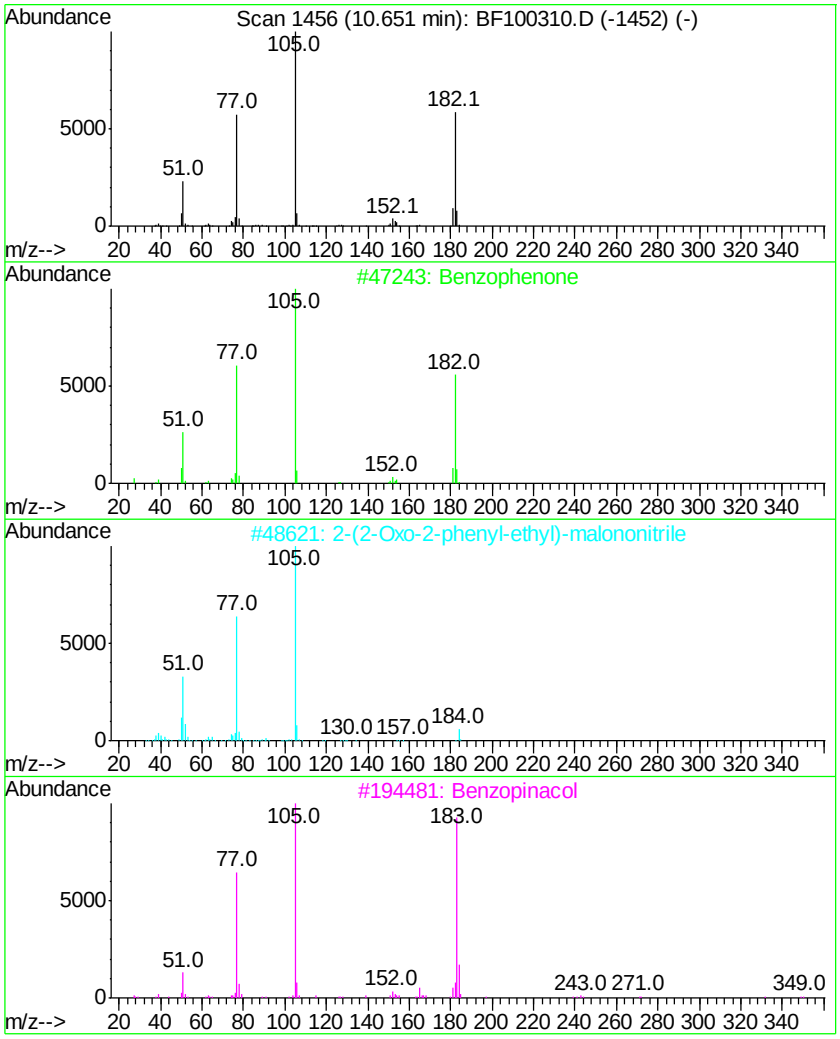
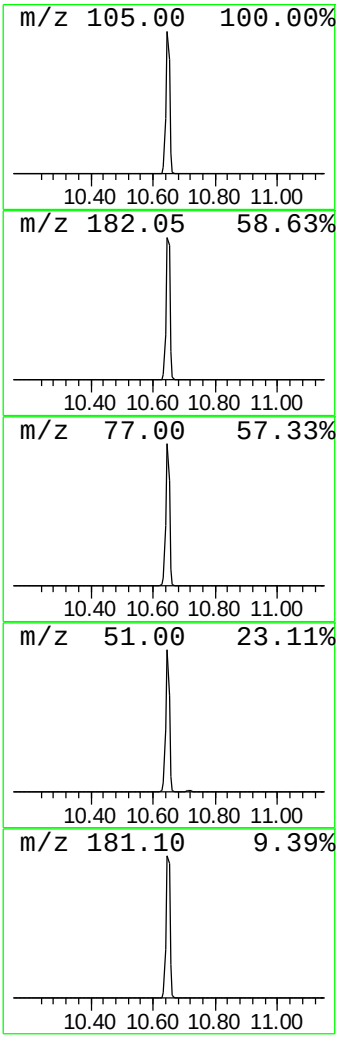
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	14.67 ng	868827	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	Benzopinacol	366	C26H22O2	000464-72-2	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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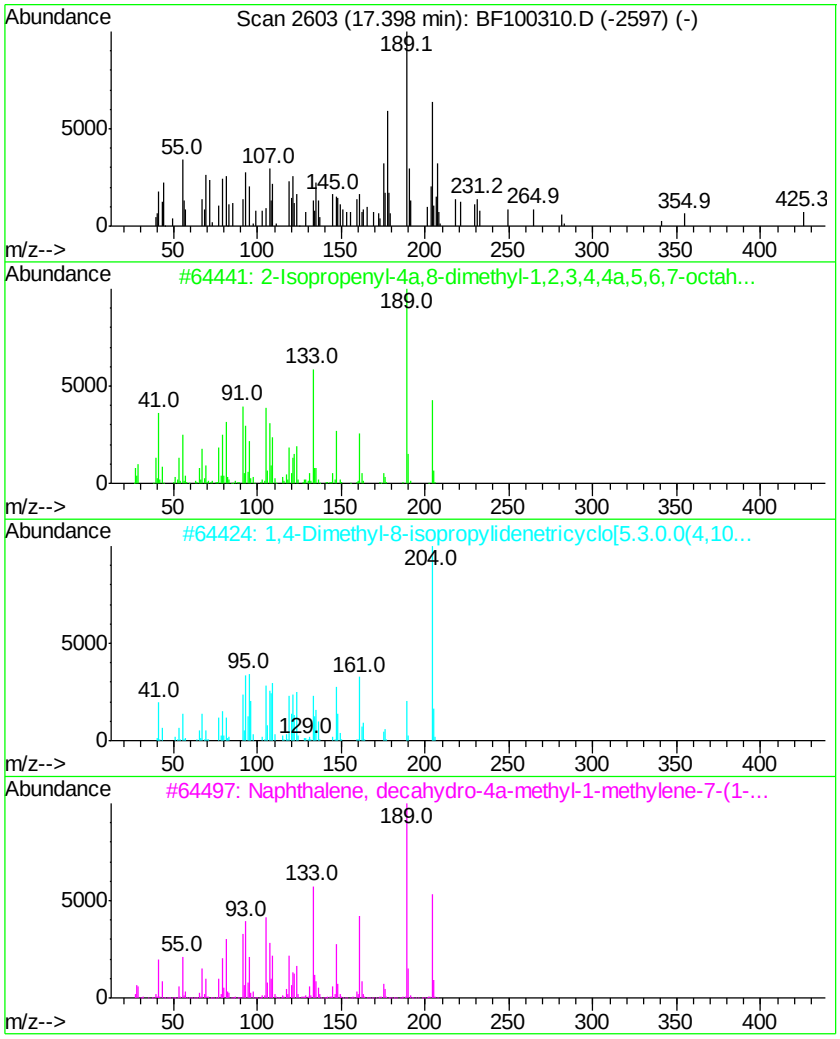
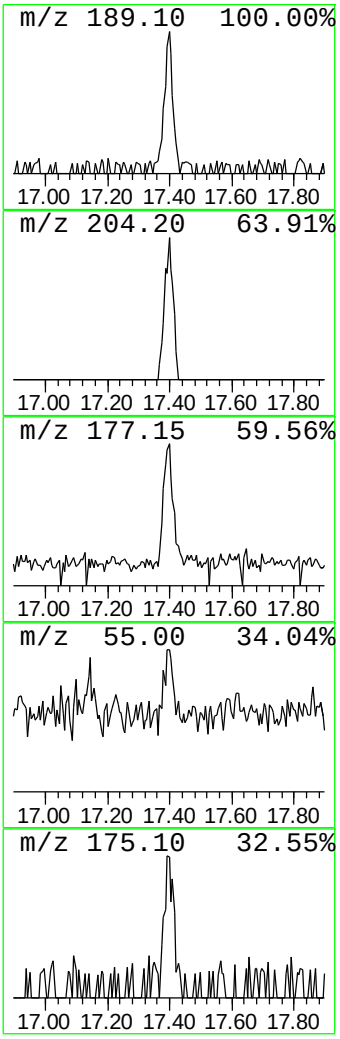
****

Peak Number 6 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	2.65 ng	114204	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	60
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	56
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	56
4	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	50
5	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	49





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...	5.12	10.5	ng	509594	1	6.90	968001	20.0
unknown6.67	6.67	54.0	ng	2613590	1	6.90	968001	20.0
2-Hydroxy-iso-but...	8.73	4.2	ng	257187	2	8.18	1216310	20.0
Benzophenone	10.65	14.7	ng	868827	3	9.93	1184900	20.0
2-Isopropenyl-4a,...	17.40	2.6	ng	114204	6	15.54	863367	20.0