LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100365.D
Acq On : 10 Nov 2017 2:27
Operator : SJ/JU
Sample : I6346-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(50-52)

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	4.045	322	333	336	rBV	6341912	11613509	100.00%	22.584%
2	5.140	514	519	528	rVB	631918	870430	7.49%	1.693%
3	5.528	579	585	588	rBV	3777980	4179931	35.99%	8.129%
4	6.528	748	755	759	rBV	3675588	4518468	38.91%	8.787%
5	6.675	774	780	783	rBV	4008677	4188079	36.06%	8.144%
6	6.904	815	819	822	rBV	1351756	1110785	9.56%	2.160%
7	7.057	841	845	849	rVB	3036469	3022434	26.03%	5.878%
8	7.463	908	914	917	rBV	2542556	2709857	23.33%	5.270%
9	8.186	1032	1037	1040	rVB	1523322	1430301	12.32%	2.781%
10	8.733	1126	1130	1134	rBV	467679	396337	3.41%	0.771%
11	9.257	1214	1219	1223	rBV	4170750	4303944	37.06%	8.370%
12	9.651	1281	1286	1289	rBV	1631967	1283554	11.05%	2.496%
13	9.939	1331	1335	1339	rVB	1757287	1478019	12.73%	2.874%
14	10.651	1451	1456	1460	rBV	1737309	1478108	12.73%	2.874%
15	10.727	1464	1469	1472	rBV	2642453	2477073	21.33%	4.817%
16	11.421	1584	1587	1591	rVB	1476437	1303385	11.22%	2.535%
17	11.939	1672	1675	1686	rVB2	190465	178042	1.53%	0.346%
18	13.010	1852	1857	1860	rBV	3170027	2930112	25.23%	5.698%
19	14.062	2032	2036	2039	rBV	1135183	979727	8.44%	1.905%
20	15.545	2283	2288	2296	rVB	774867	970919	8.36%	1.888%

Sum of corrected areas: 51423014

LSC Report - Integrated Chromatogram

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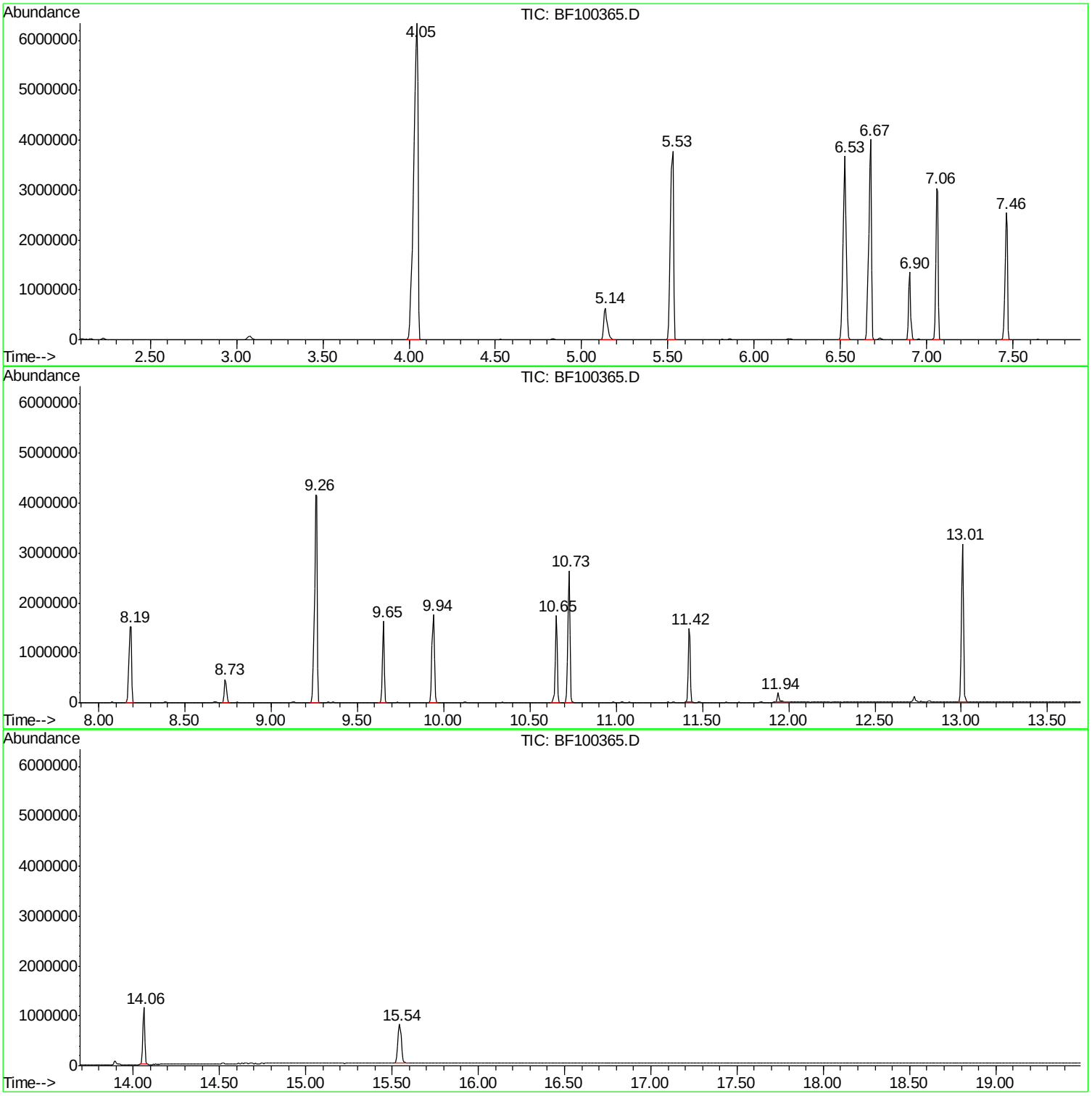
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-5(50-52)

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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Operator : SJ/JU
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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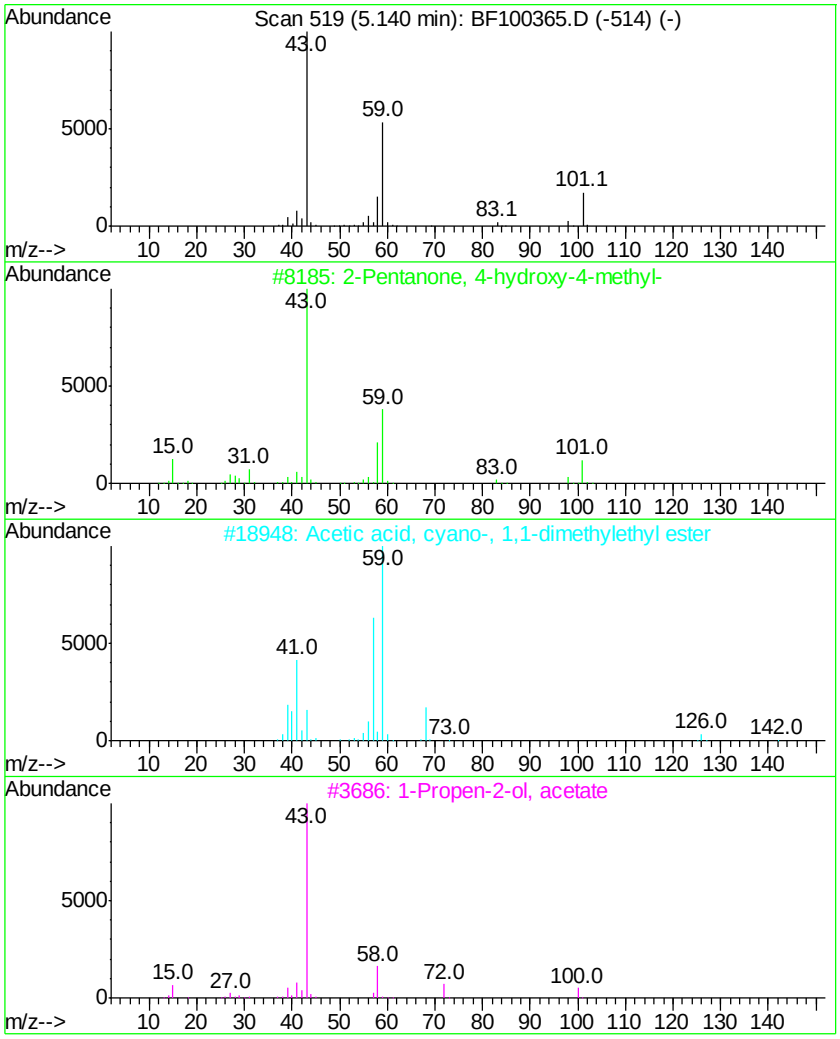
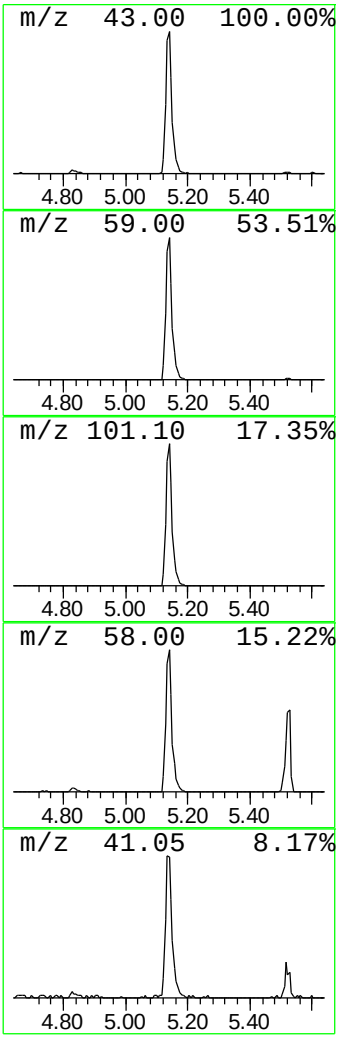
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	15.67 ng	870430	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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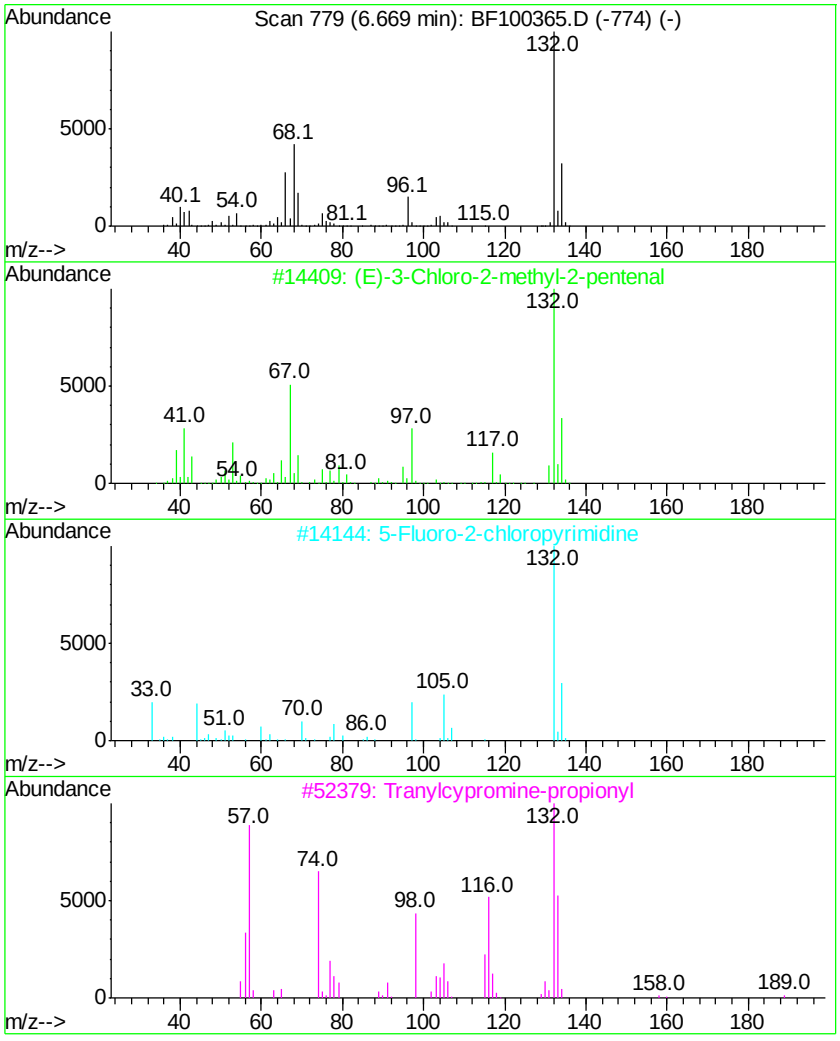
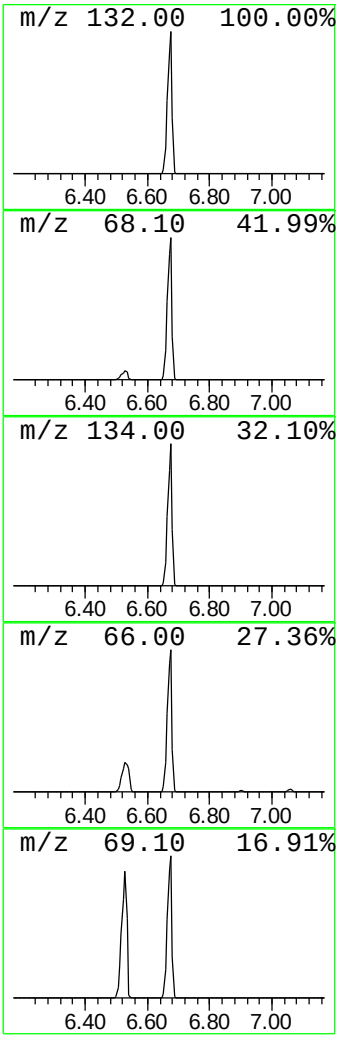
Peak Number 3 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	75.41 ng	4188080	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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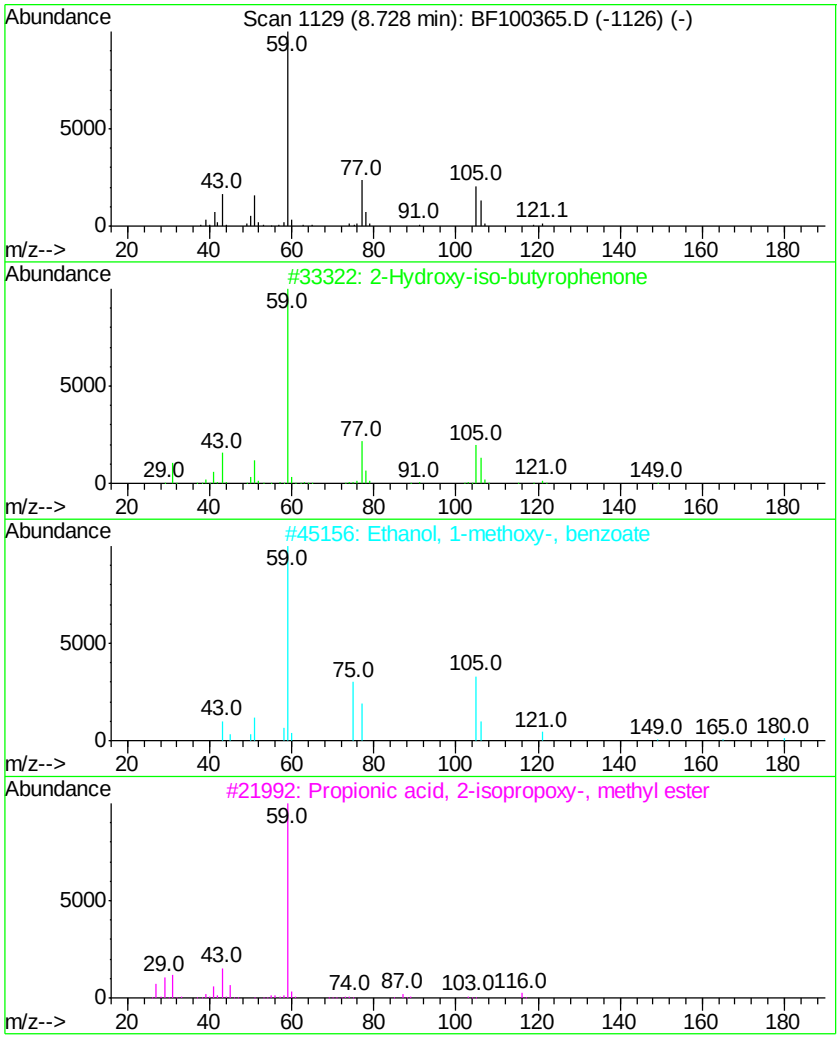
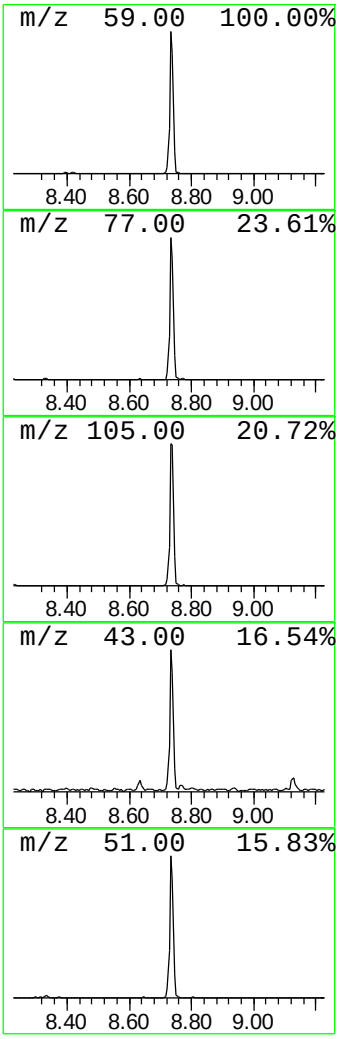
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	5.54 ng	396337	Naphthalene-d8	8.19

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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Instrument : BNA_F
ClientSampleId : EPE-120-5(50-52)

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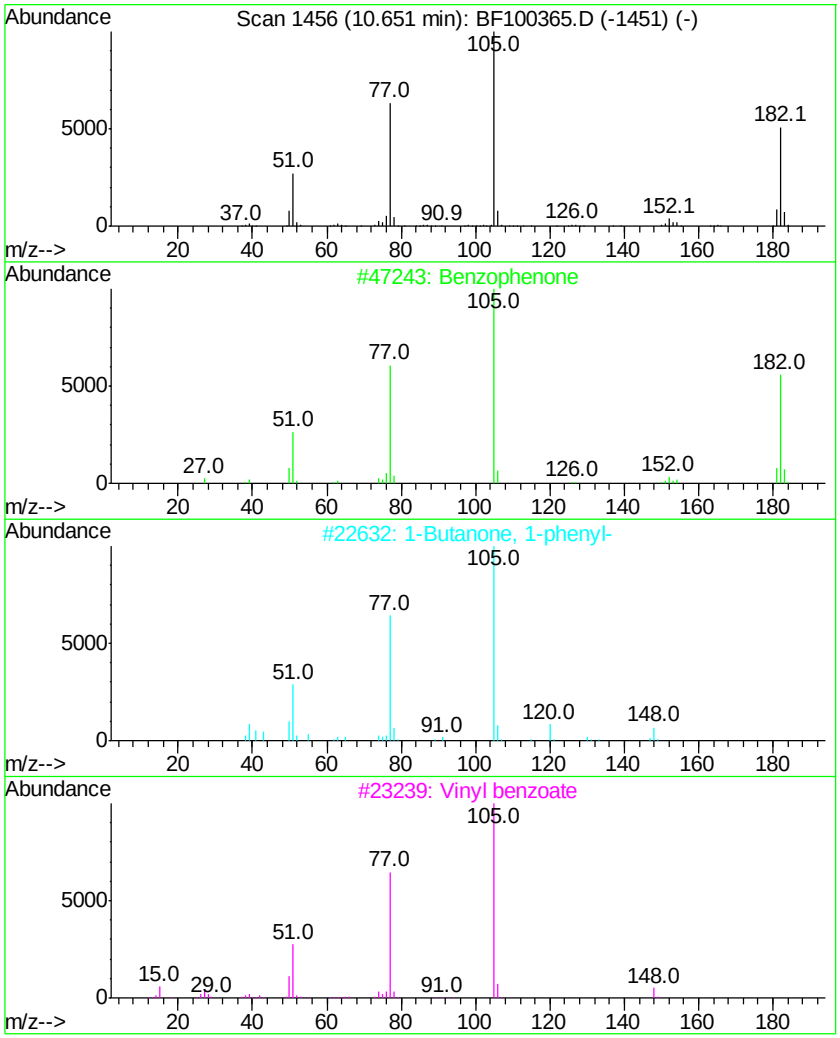
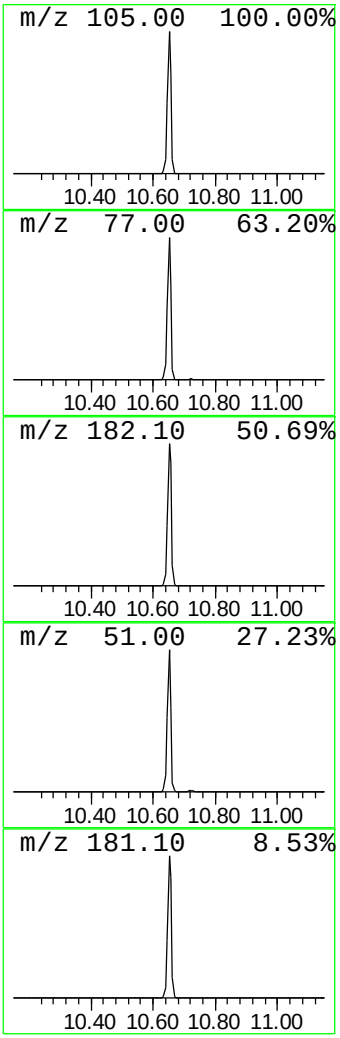
Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	20.00 ng	1478110	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Instrument : BNA_F
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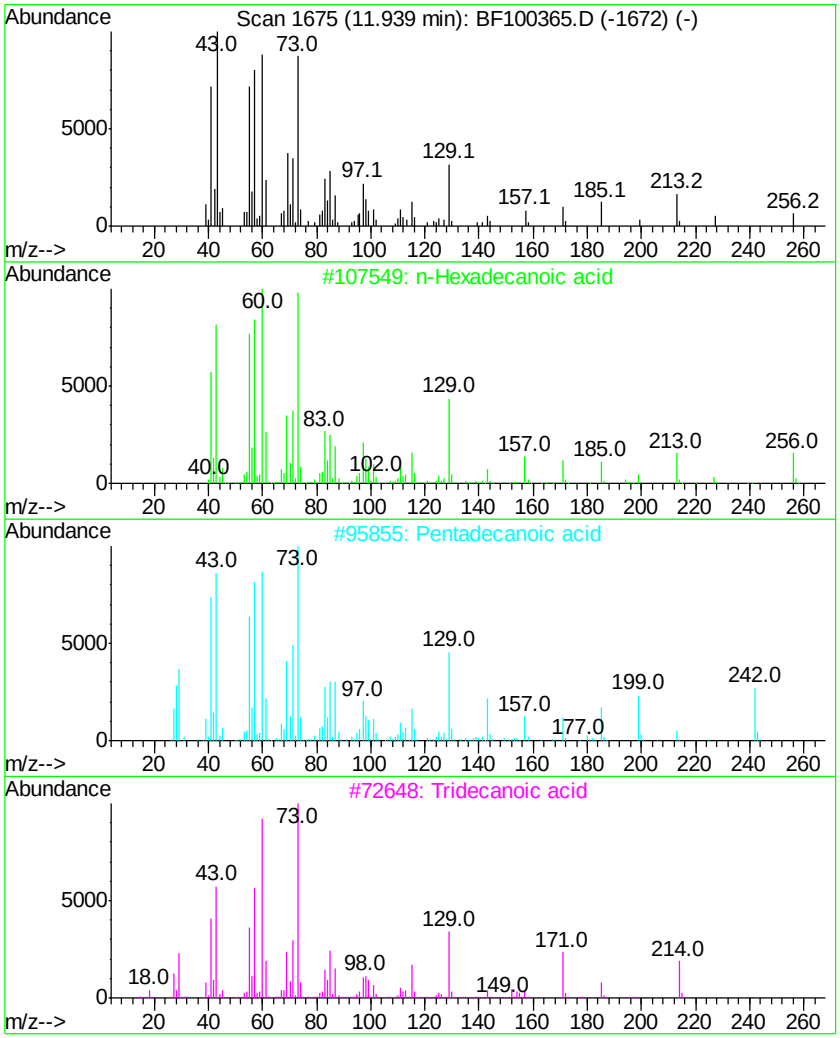
TIC Integration Parameters: LSCINT.P

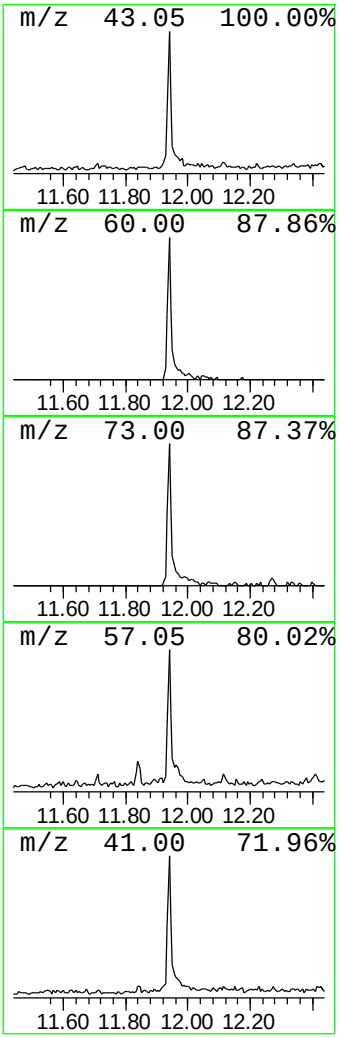
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.73 ng	178042	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	15.7	ng	870430	1	6.90	1110790	20.0
unknown6.67	6.67	75.4	ng	4188080	1	6.90	1110790	20.0
2-Hydroxy-iso-but...	8.73	5.5	ng	396337	2	8.19	1430300	20.0
Benzophenone	10.65	20.0	ng	1478110	3	9.94	1478020	20.0
n-Hexadecanoic acid	11.94	2.7	ng	178042	4	11.42	1303390	20.0