LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098325.D
Acq On : 7 Sep 2017 20:37
Operator : SJ/JU
Sample : I5053-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-0-1.5

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-BF081517.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	3.622	255	261	269	rBV	154820	231792	9.83%	1.156%
2	4.875	470	474	486	rVB	174765	231033	9.79%	1.152%
3	5.298	541	546	549	rBV	2241794	2190675	92.87%	10.924%
4	6.340	718	723	739	rBV	2225041	2358871	100.00%	11.763%
5	6.463	739	744	747	rBV	2326056	2180411	92.43%	10.873%
6	6.687	779	782	786	rBV	717095	632828	26.83%	3.156%
7	6.845	805	809	812	rBV	1950941	1675221	71.02%	8.354%
8	7.257	874	879	882	rBV	1468760	1336804	56.67%	6.666%
9	7.975	997	1001	1004	rBV	916784	788740	33.44%	3.933%
10	8.534	1092	1096	1100	rBV	128702	100828	4.27%	0.503%
11	9.051	1179	1184	1187	rBV	2622403	2292241	97.18%	11.430%
12	9.445	1247	1251	1255	rBV	196917	150759	6.39%	0.752%
13	9.728	1294	1299	1302	rBV	806559	737571	31.27%	3.678%
14	10.439	1416	1420	1423	rBV	321570	256249	10.86%	1.278%
15	10.516	1429	1433	1436	rBV	1200352	1057995	44.85%	5.276%
16	11.210	1547	1551	1554	rBV	749275	656500	27.83%	3.274%
17	12.792	1816	1820	1824	rBV	1950506	1832413	77.68%	9.137%
18	13.692	1969	1973	1979	rBV	147561	182333	7.73%	0.909%
19	13.839	1994	1998	2002	rBV	669841	679273	28.80%	3.387%
20	15.251	2234	2238	2249	rVB	374841	481568	20.42%	2.401%

Sum of corrected areas: 20054105

LSC Report - Integrated Chromatogram

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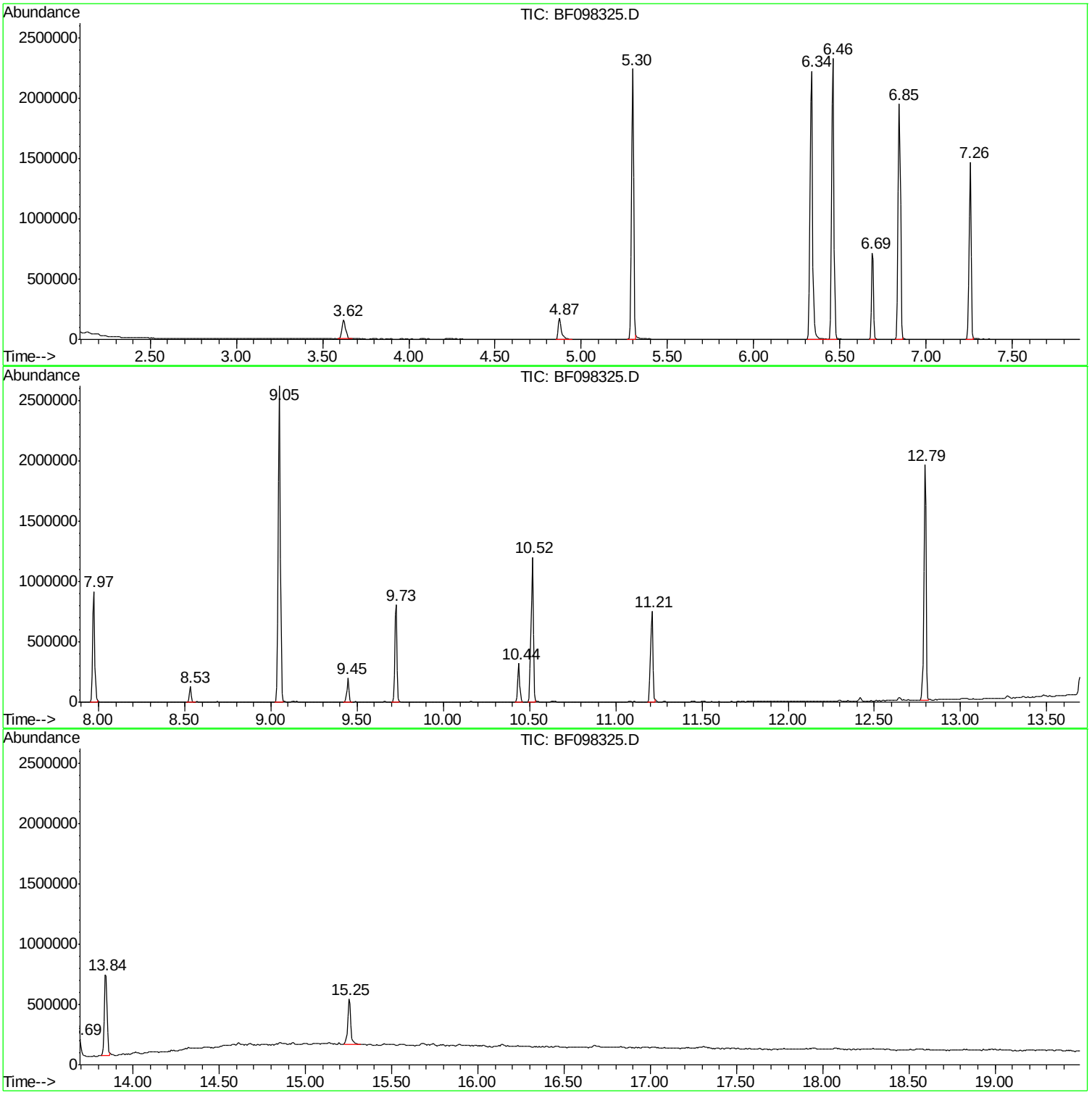
Operator : SJ/JU
Sample : I5053-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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Misc :
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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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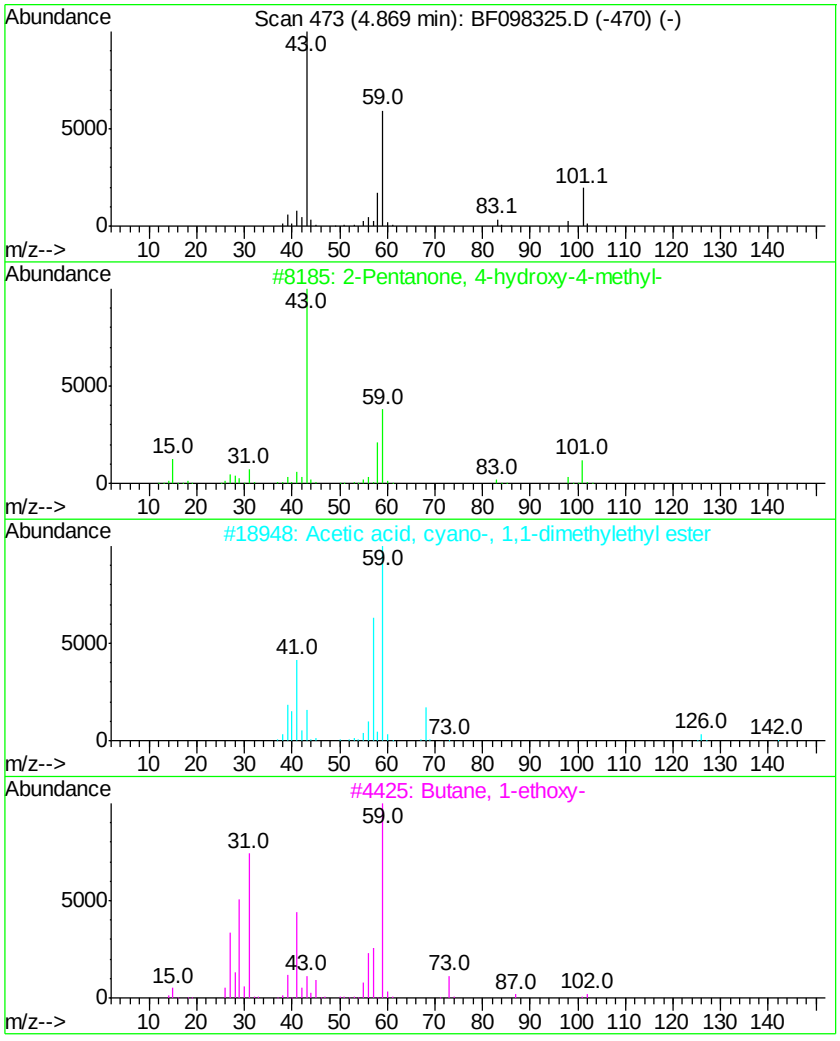
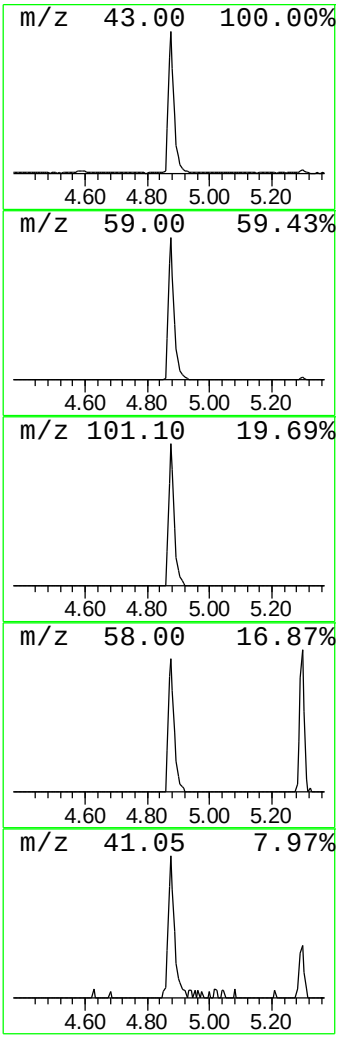
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	7.30 ng	231033	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-0-1.5

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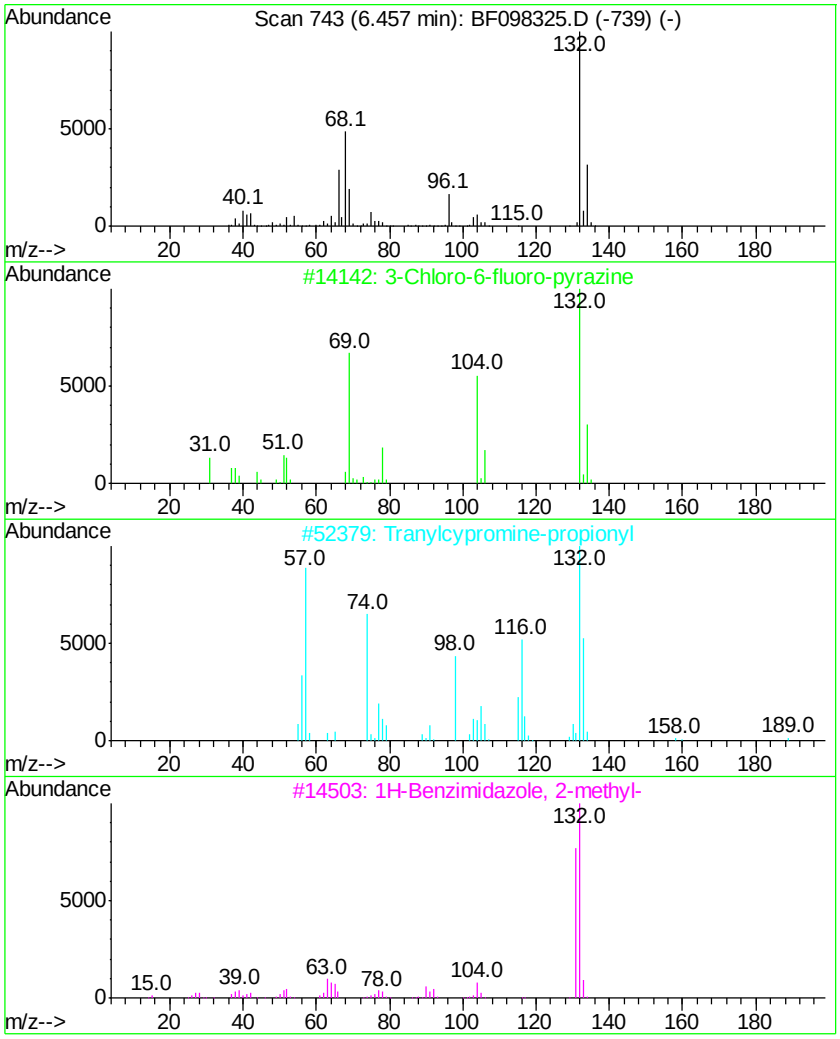
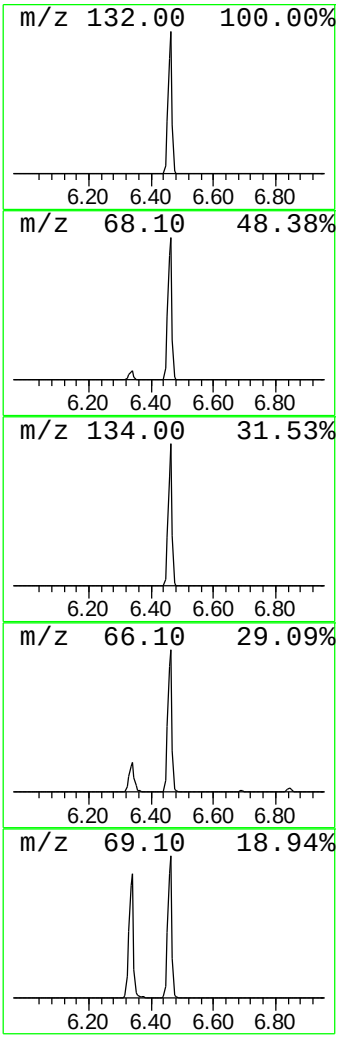
Peak Number 3 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	68.91 ng	2180410	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
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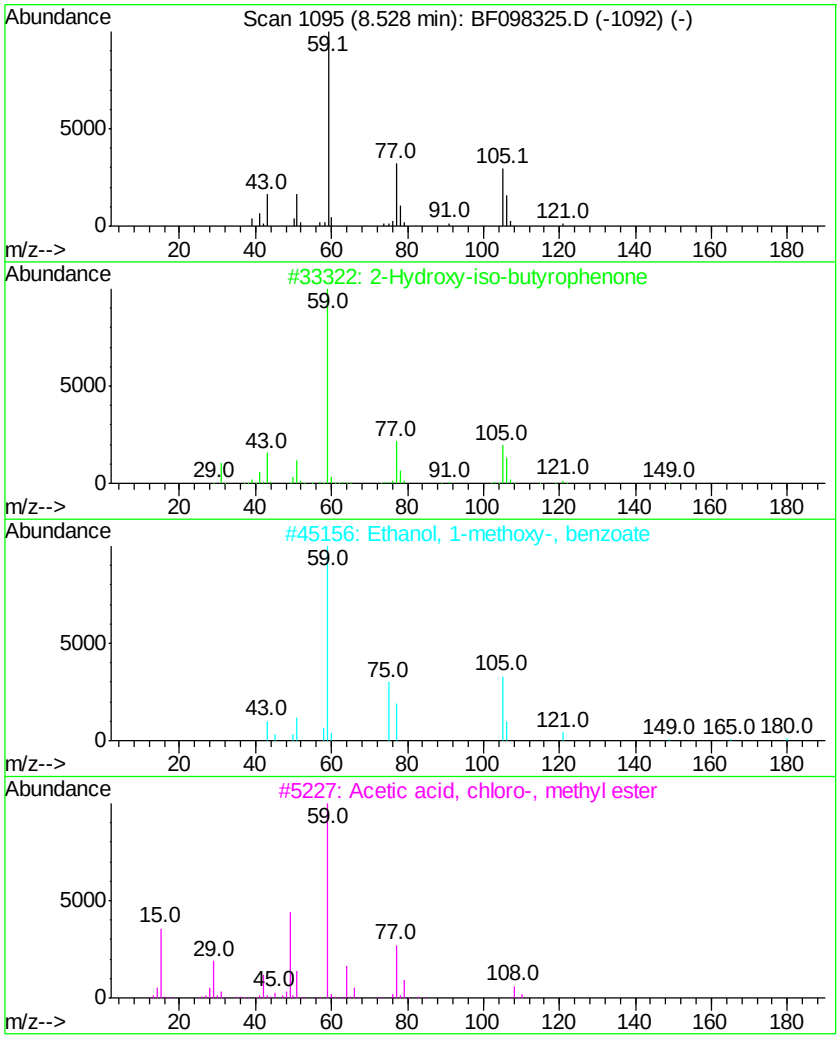
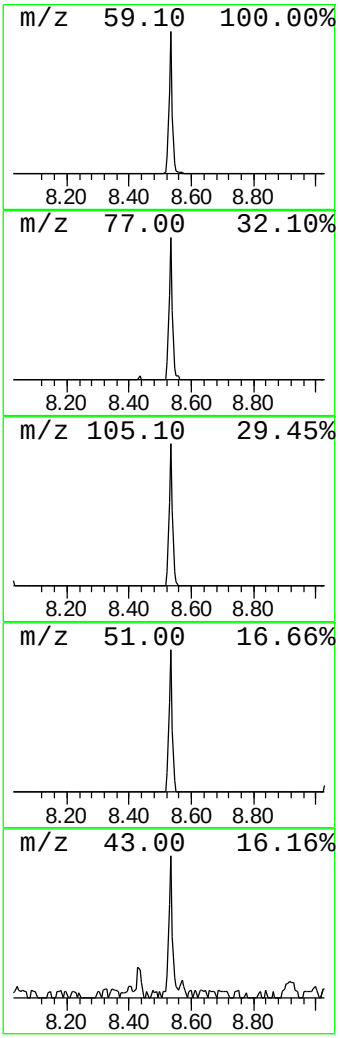
Peak Number 5 2-Hydroxy-iso-butyrophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	2.56 ng	100828	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	83
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
3	Acetic acid, chloro-, methyl ester	108	C3H5ClO2	000096-34-4	9
4	1-Hexen-4-ol, 1-chloro-3-methyl-	148	C7H13ClO	1000153-35-0	9
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	7





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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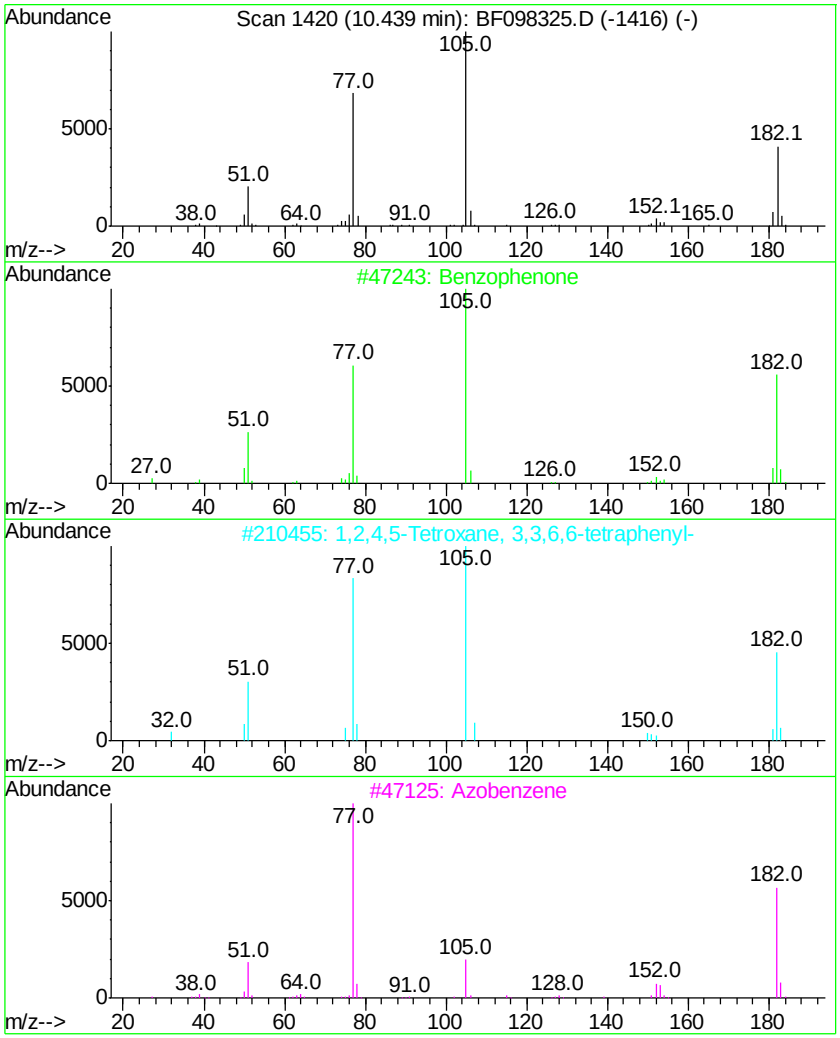
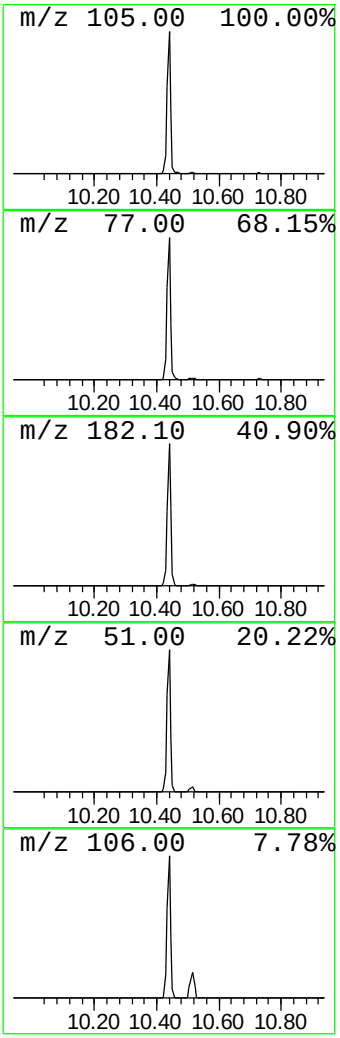
Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	6.95 ng	256249	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	t-Butyldiphenylmethanol	240	C17H20O	001657-60-9	50
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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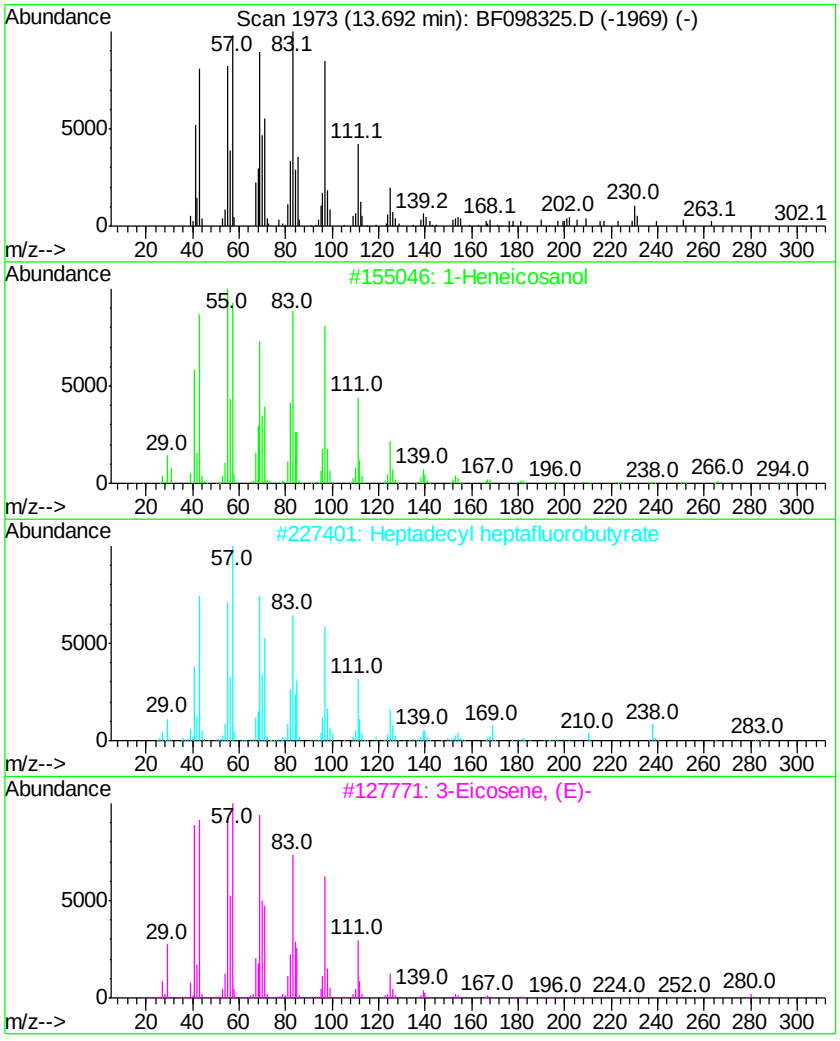
TIC Integration Parameters: LSCINT.P

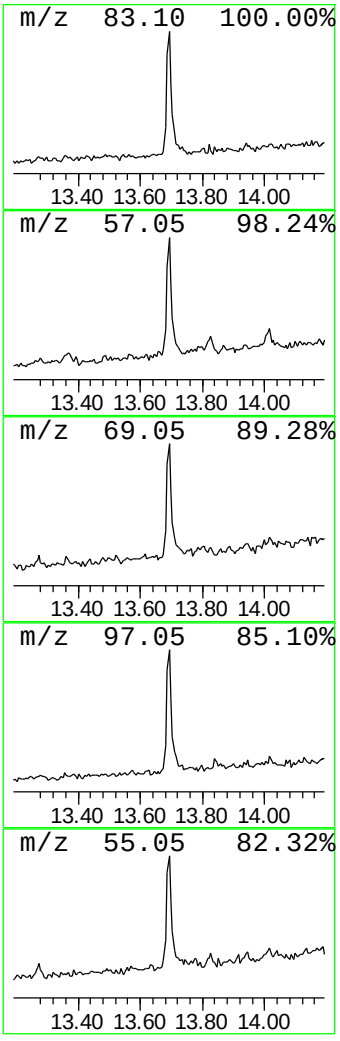
****

Peak Number 7 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	5.37 ng	182333	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





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...	4.87	7.3	ng	231033	1	6.69	632828	20.0
unknown6.46	6.46	68.9	ng	2180410	1	6.69	632828	20.0
2-Hydroxy-iso-but...	8.53	2.6	ng	100828	2	7.97	788740	20.0
Benzophenone	10.44	7.0	ng	256249	3	9.73	737571	20.0
1-Heneicosanol	13.69	5.4	ng	182333	5	13.85	679273	20.0