LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099519.D
Acq On : 15 Oct 2017 17:49
Operator : SJ/JU
Sample : I5752-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-6(45-47)

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-BF092317.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	5.075	504	508	530	rBV	313685	441641	17.65%	2.172%
2	5.475	571	576	596	rBV	2406147	2483427	99.26%	12.213%
3	6.487	743	748	762	rBV	2118551	2502019	100.00%	12.305%
4	6.616	766	770	773	rBV	2599097	2481030	99.16%	12.201%
5	6.845	805	809	817	rVB	554593	478937	19.14%	2.355%
6	6.998	831	835	839	rBV	2120685	1969697	78.72%	9.687%
7	7.410	900	905	908	rBV	1593784	1467318	58.65%	7.216%
8	8.122	1023	1026	1041	rBV	642062	593429	23.72%	2.918%
9	8.681	1118	1121	1127	rBV	116325	93073	3.72%	0.458%
10	9.198	1204	1209	1212	rBV	2706423	2433937	97.28%	11.970%
11	9.592	1272	1276	1285	rBV	332910	247347	9.89%	1.216%
12	9.880	1321	1325	1329	rBV	642005	542405	21.68%	2.667%
13	10.592	1442	1446	1449	rBV	348029	258191	10.32%	1.270%
14	10.669	1456	1459	1472	rBV	1113186	1079985	43.16%	5.311%
15	11.369	1574	1578	1585	rBV	541177	436445	17.44%	2.146%
16	12.951	1843	1847	1850	rBV	1975703	1731704	69.21%	8.516%
17	13.833	1993	1997	2006	rBV	71206	89835	3.59%	0.442%
18	14.010	2024	2027	2034	rBV	524505	504309	20.16%	2.480%
19	15.486	2273	2278	2285	rBV	388388	499146	19.95%	2.455%

Sum of corrected areas: 20333875

LSC Report - Integrated Chromatogram

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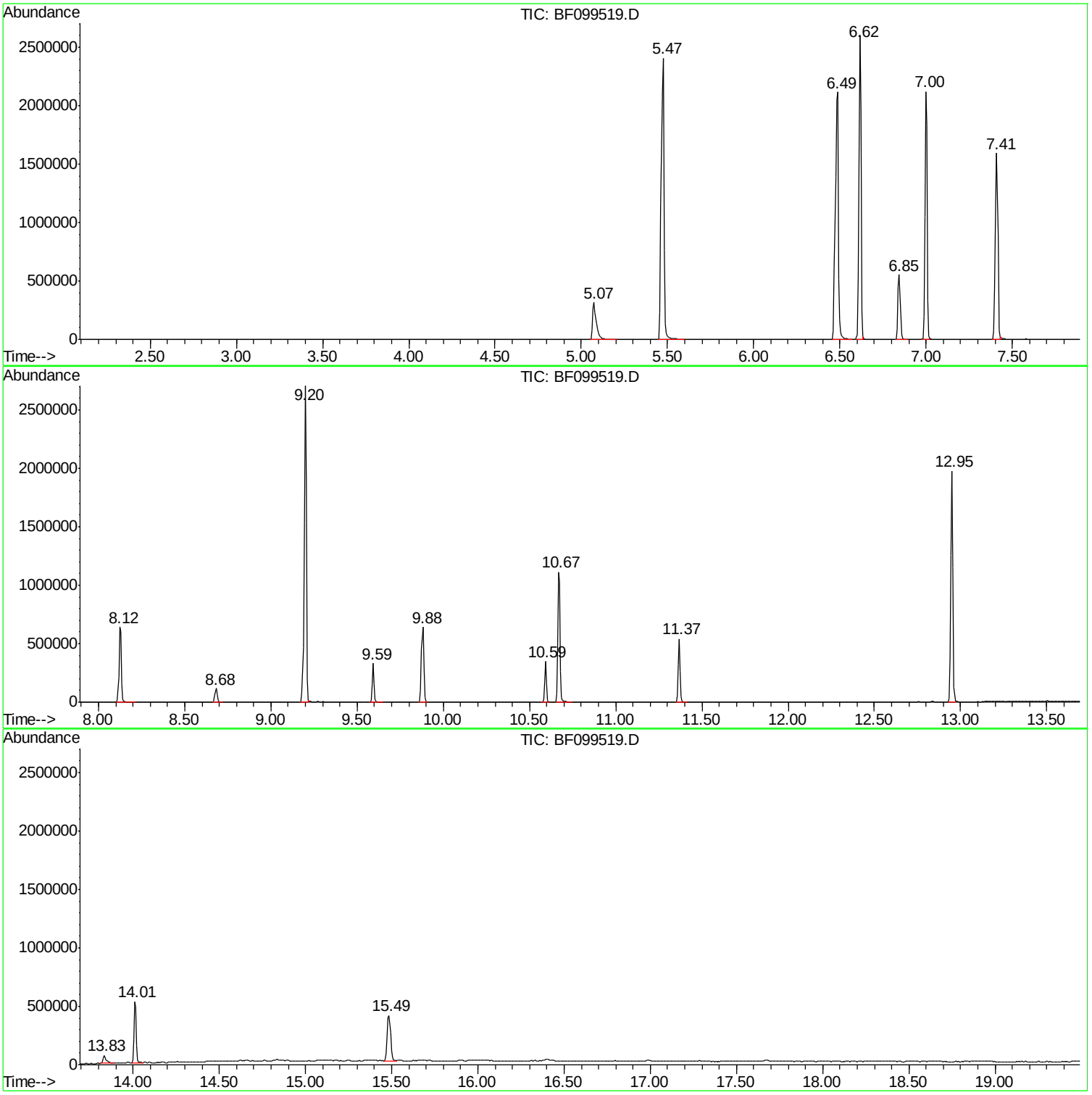
Sample : I5752-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-P-6(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099519.D
Acq On : 15 Oct 2017 17:49
Operator : SJ/JU
Sample : I5752-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-6(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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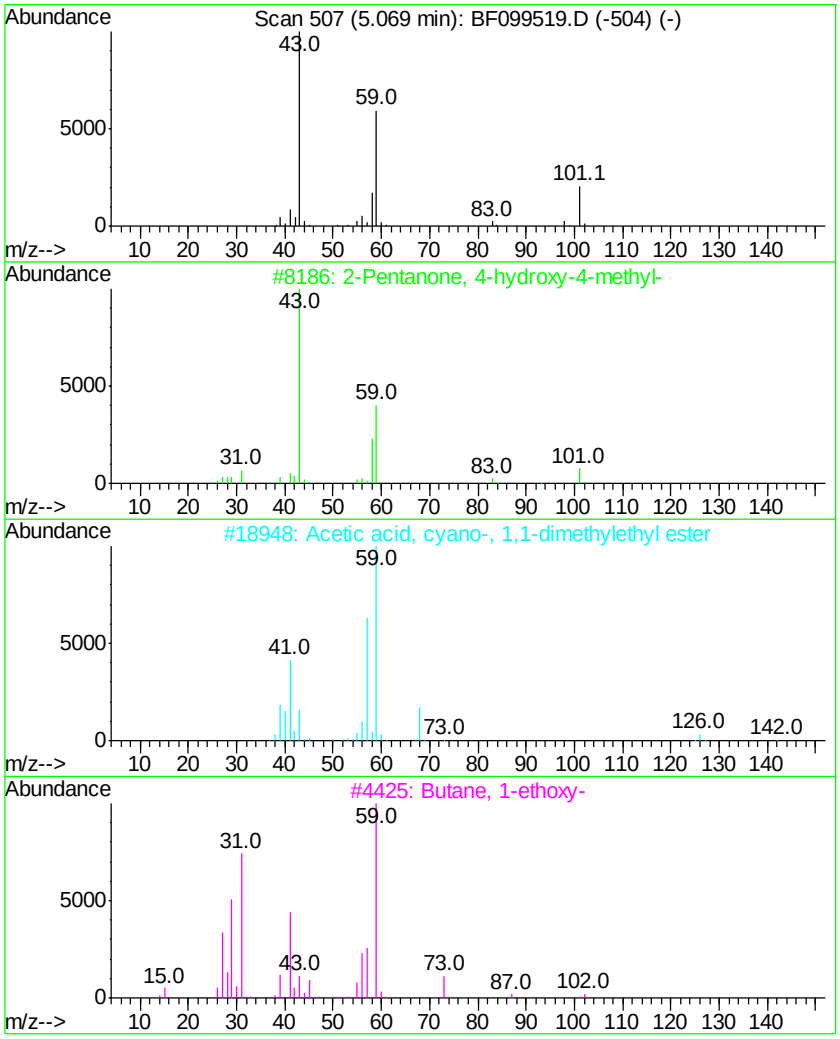
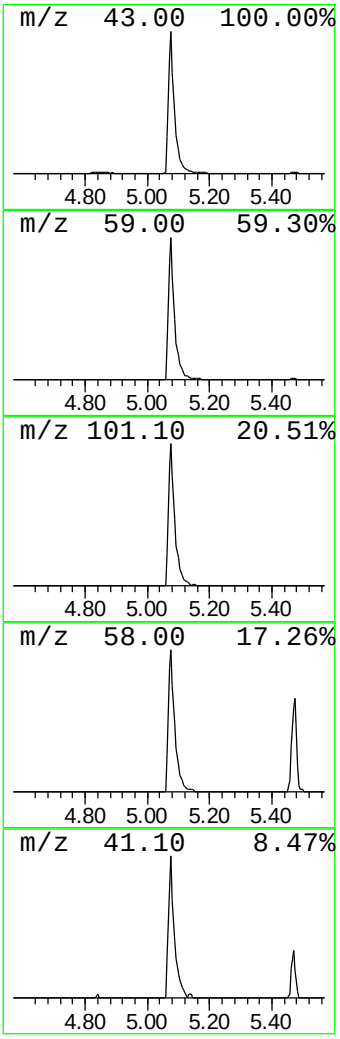
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	18.44 ng	441641	1,4-Dichlorobenzene-d4	6.85

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	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099519.D
Acq On : 15 Oct 2017 17:49
Operator : SJ/JU
Sample : I5752-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-6(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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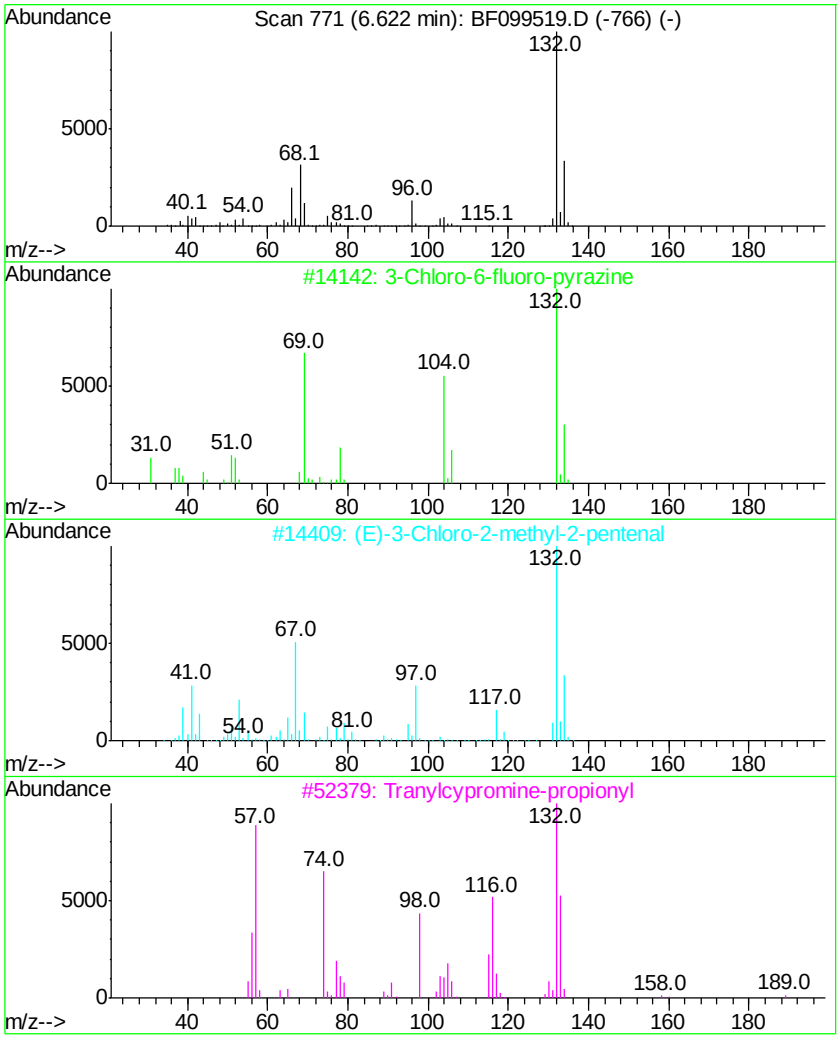
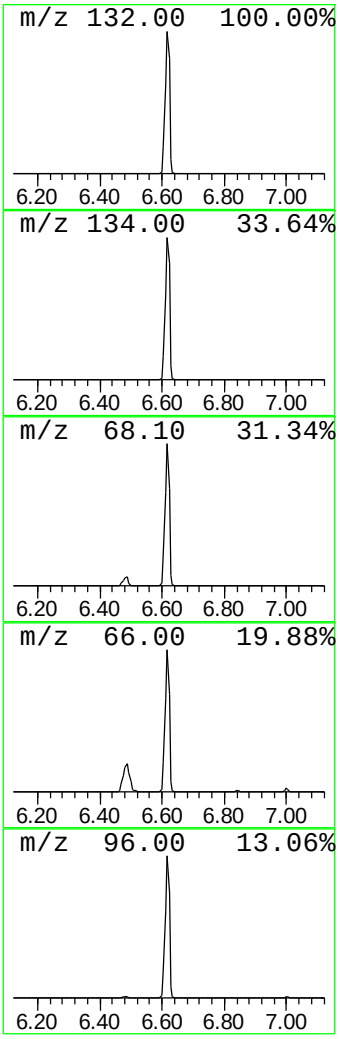
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	103.61 ng	2481030	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Operator : SJ/JU
Sample : I5752-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-6(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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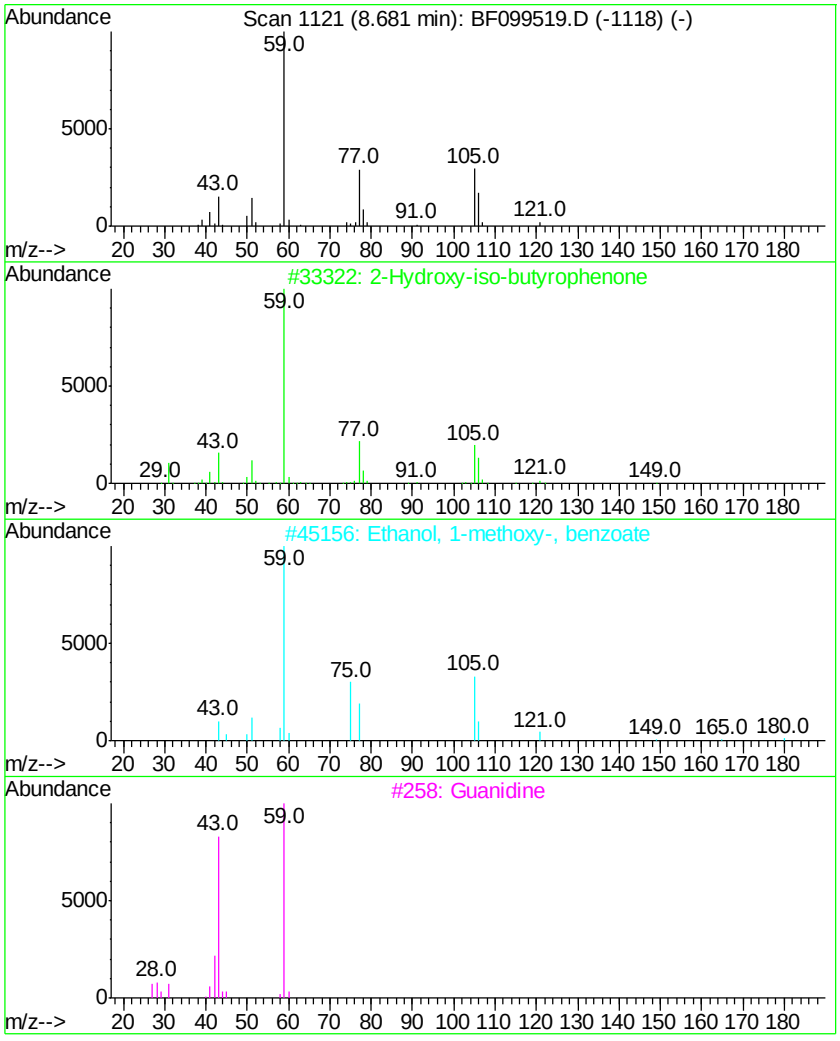
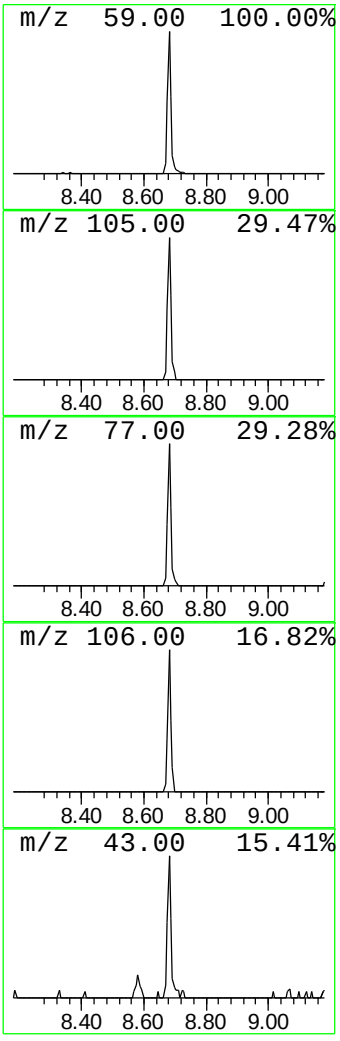
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	3.14 ng	93073	Naphthalene-d8	8.12

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	Guanidine	59	CH5N3	000113-00-8	7
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	5
5	Acetamide	59	C2H5NO	000060-35-5	5





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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-6(45-47)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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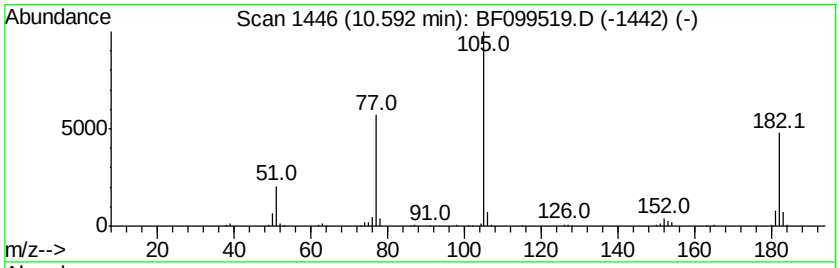
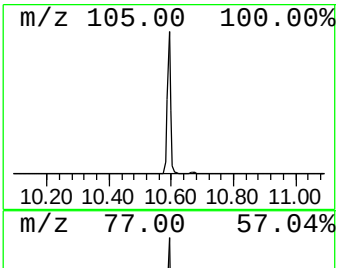
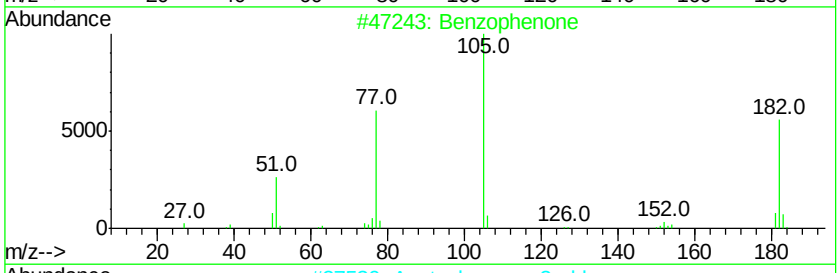
Peak Number 5 Benzophenone Concentration Rank 4

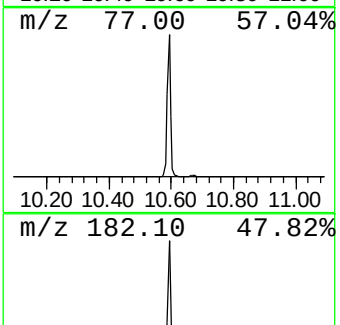
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	9.52 ng	258191	Acenaphthene-d10	9.88

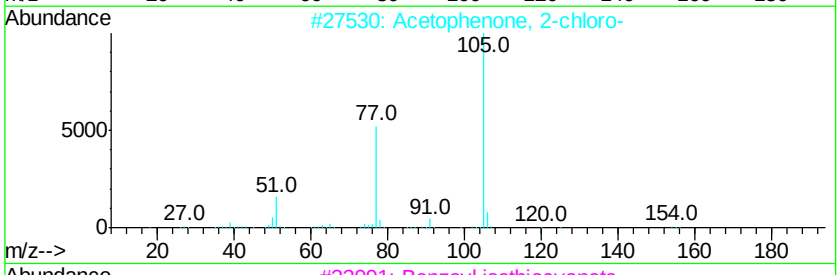
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47

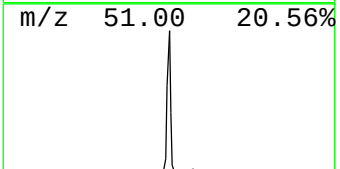


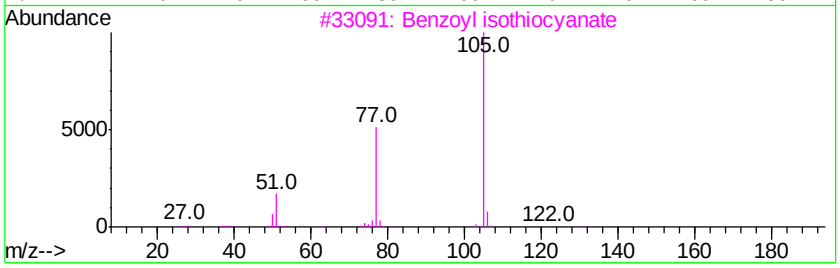


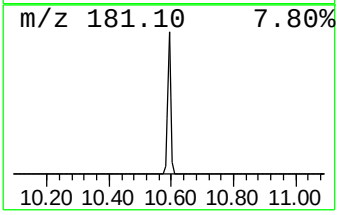












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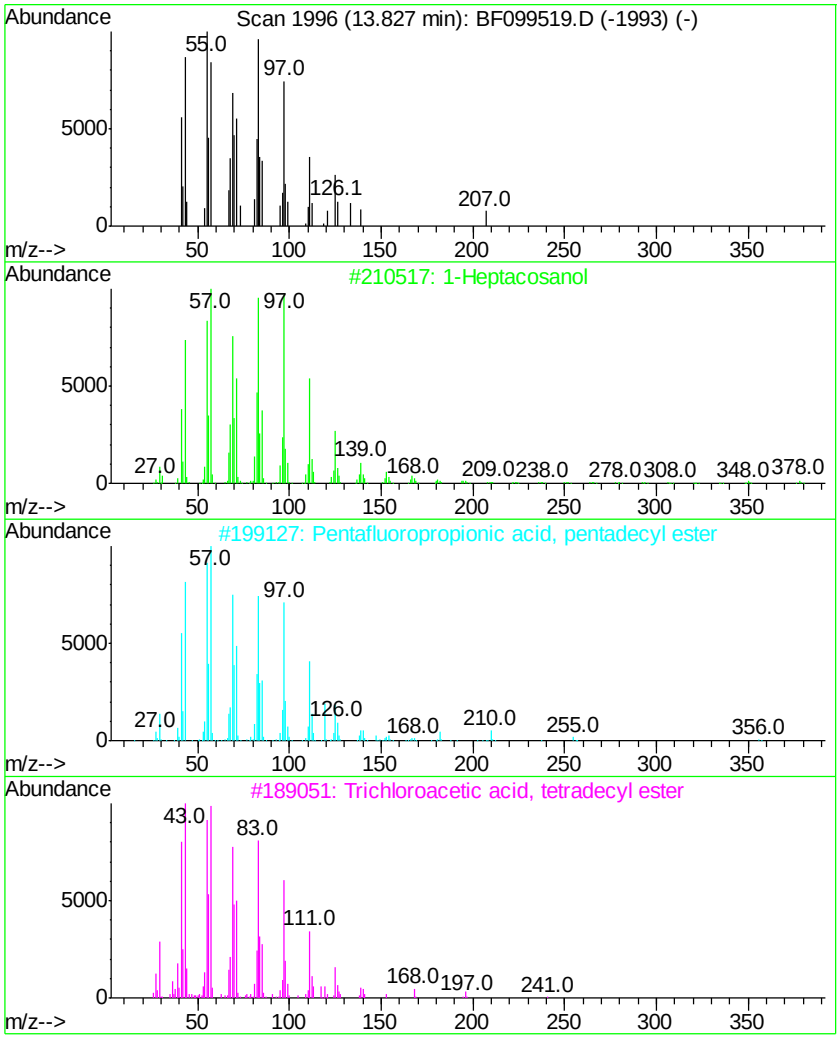
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

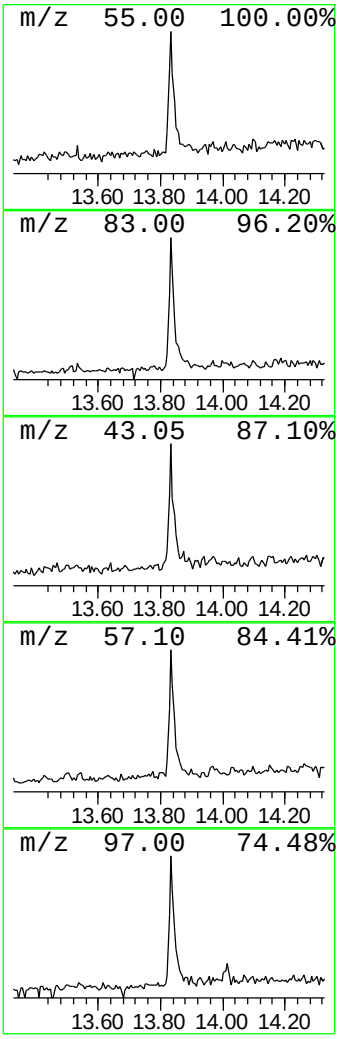
****

Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.56 ng	89835	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	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...	5.07	18.4	ng	441641	1	6.85	478937	20.0
unknown6.62	6.62	103.6	ng	2481030	1	6.85	478937	20.0
2-Hydroxy-iso-but...	8.68	3.1	ng	93073	2	8.12	593429	20.0
Benzophenone	10.59	9.5	ng	258191	3	9.88	542405	20.0
1-Heptacosanol	13.83	3.6	ng	89835	5	14.01	504309	20.0