LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100009.D
Acq On : 31 Oct 2017 17:59
Operator : SJ/JU
Sample : I6209-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-B

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-BF102317.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	5.004	493	496	526	rVB	160419	272747	13.21%	1.495%
2	5.410	562	565	593	rBV	1481220	1738686	84.20%	9.530%
3	6.434	735	739	757	rBV	1667512	1811792	87.74%	9.931%
4	6.563	757	761	772	rVB	1881276	1861291	90.14%	10.202%
5	6.787	796	799	809	rVB	596043	529122	25.63%	2.900%
6	6.940	822	825	841	rBV	1611407	1445629	70.01%	7.924%
7	7.357	893	896	915	rBV	1170581	1131577	54.80%	6.203%
8	8.069	1014	1017	1039	rBV	885616	742707	35.97%	4.071%
9	8.634	1110	1113	1118	rBV	29171	31444	1.52%	0.172%
10	9.145	1196	1200	1203	rBV	2393265	2064865	100.00%	11.318%
11	9.539	1264	1267	1274	rVB	368787	288919	13.99%	1.584%
12	9.822	1312	1315	1327	rVB	845213	809840	39.22%	4.439%
13	10.539	1434	1437	1442	rBV	94920	83079	4.02%	0.455%
14	10.622	1447	1451	1464	rBV	1155482	1139273	55.17%	6.245%
15	10.716	1464	1467	1477	rVB5	12747	25617	1.24%	0.140%
16	11.322	1566	1570	1573	rBV	793620	762131	36.91%	4.178%
17	11.345	1573	1574	1578	rVB	61791	43881	2.13%	0.241%
18	11.833	1654	1657	1667	rBV3	108247	133384	6.46%	0.731%
19	12.380	1746	1750	1752	rBV3	32355	44894	2.17%	0.246%
20	12.492	1766	1769	1772	rVB5	23962	25962	1.26%	0.142%
21	12.539	1774	1777	1781	rBV	105176	117587	5.69%	0.645%
22	12.622	1788	1791	1798	rBV6	42999	59381	2.88%	0.325%
23	12.774	1811	1817	1821	rBV	114550	159530	7.73%	0.874%
24	12.904	1835	1839	1842	rBV	1766564	1618228	78.37%	8.870%
25	13.457	1930	1933	1936	rBV3	38187	45283	2.19%	0.248%
26	13.786	1986	1989	1995	rBV3	107540	131754	6.38%	0.722%
27	13.980	2018	2022	2026	rBV	541827	549078	26.59%	3.010%
28	14.427	2096	2098	2103	rBV4	47884	69843	3.38%	0.383%
29	15.480	2274	2277	2287	rVB	350254	506139	24.51%	2.774%

Sum of corrected areas: 18243663

LSC Report - Integrated Chromatogram

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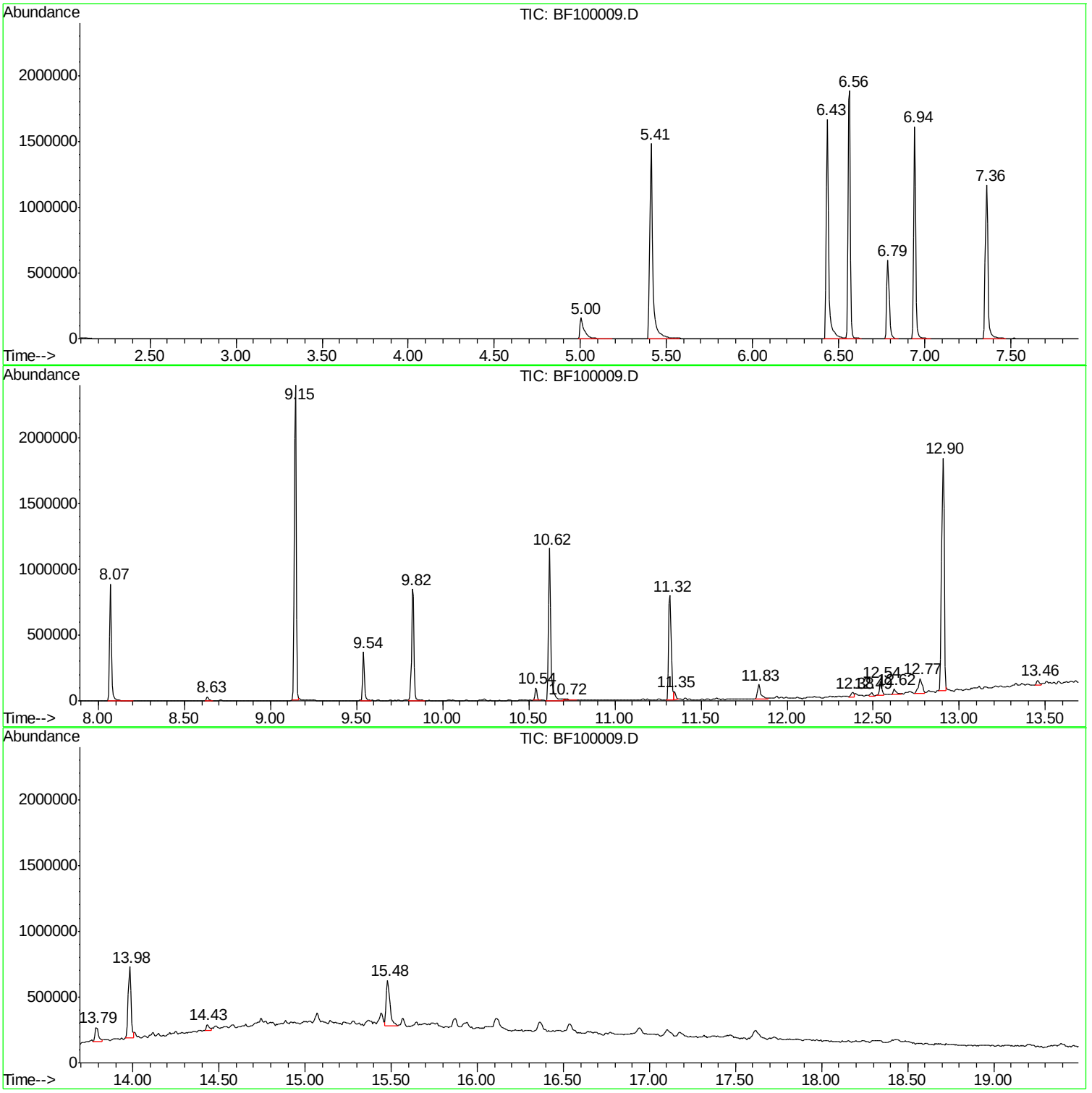
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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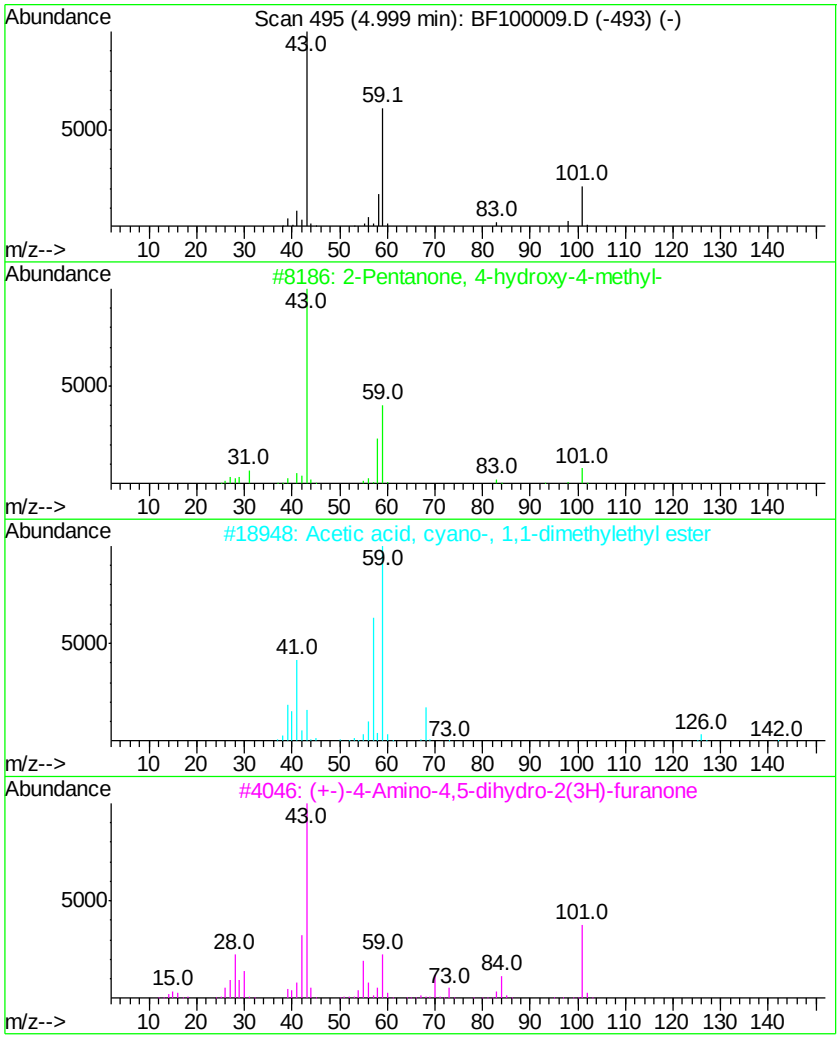
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

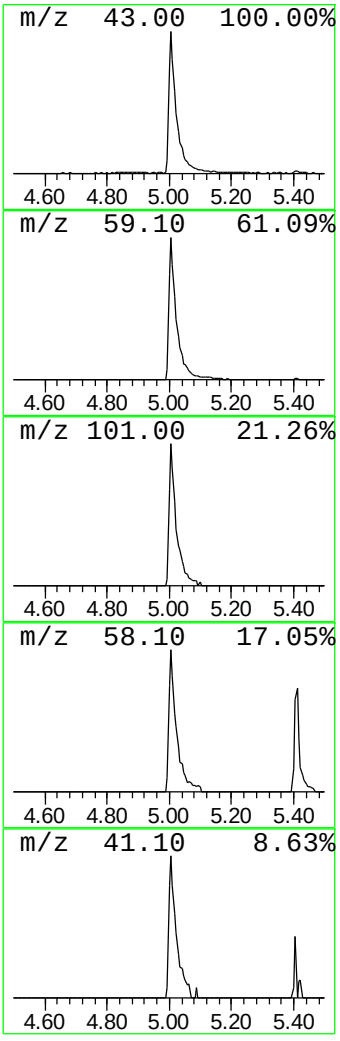
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.31 ng	272747	1,4-Dichlorobenzene-d4	6.79

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	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5	Guanidine	59	CH5N3	000113-00-8	9





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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-02-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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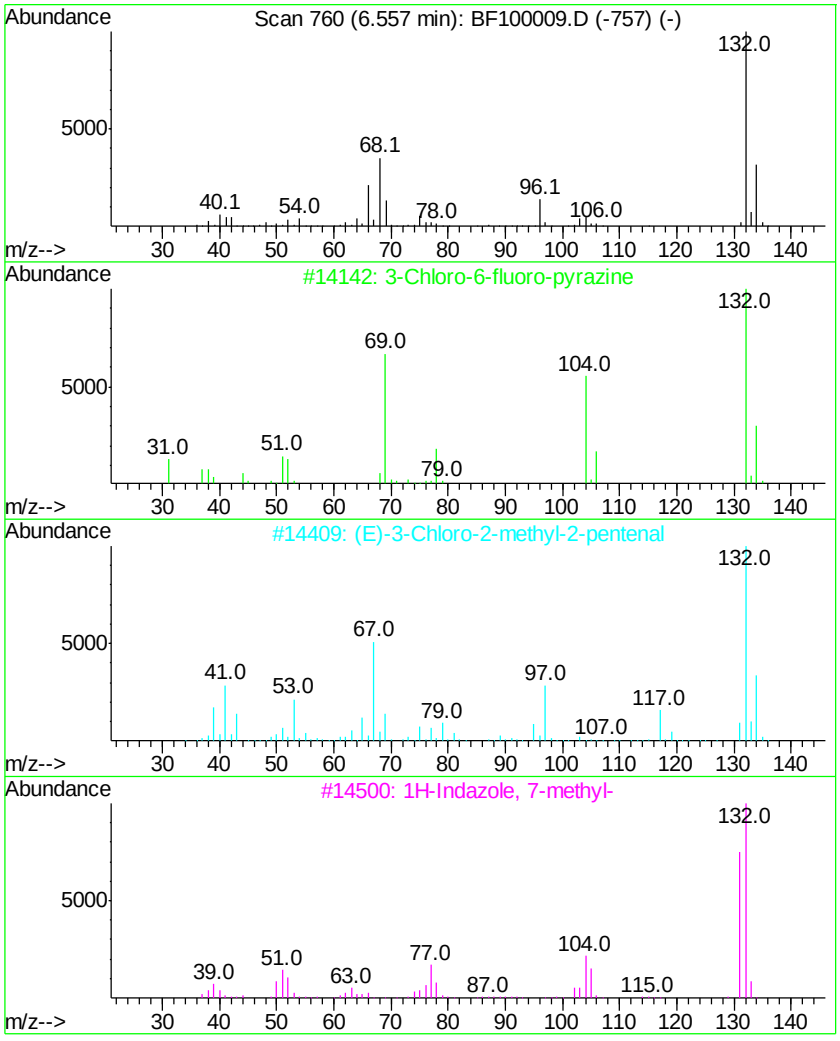
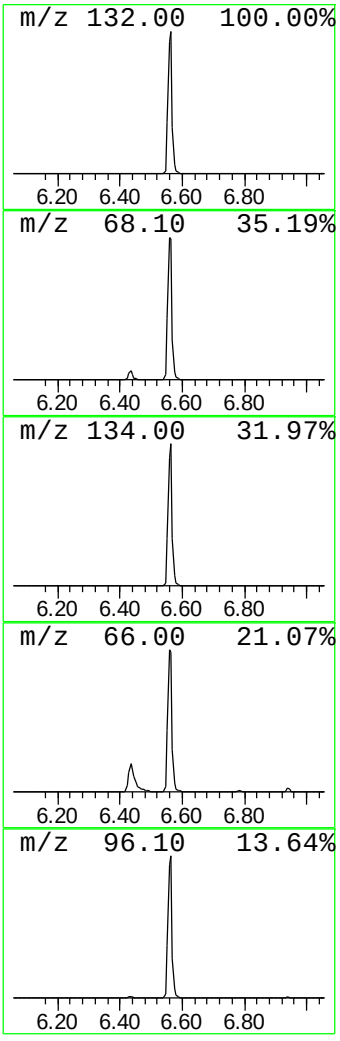
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.35 ng	1861290	1,4-Dichlorobenzene-d4	6.79

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	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : FK-SF-02-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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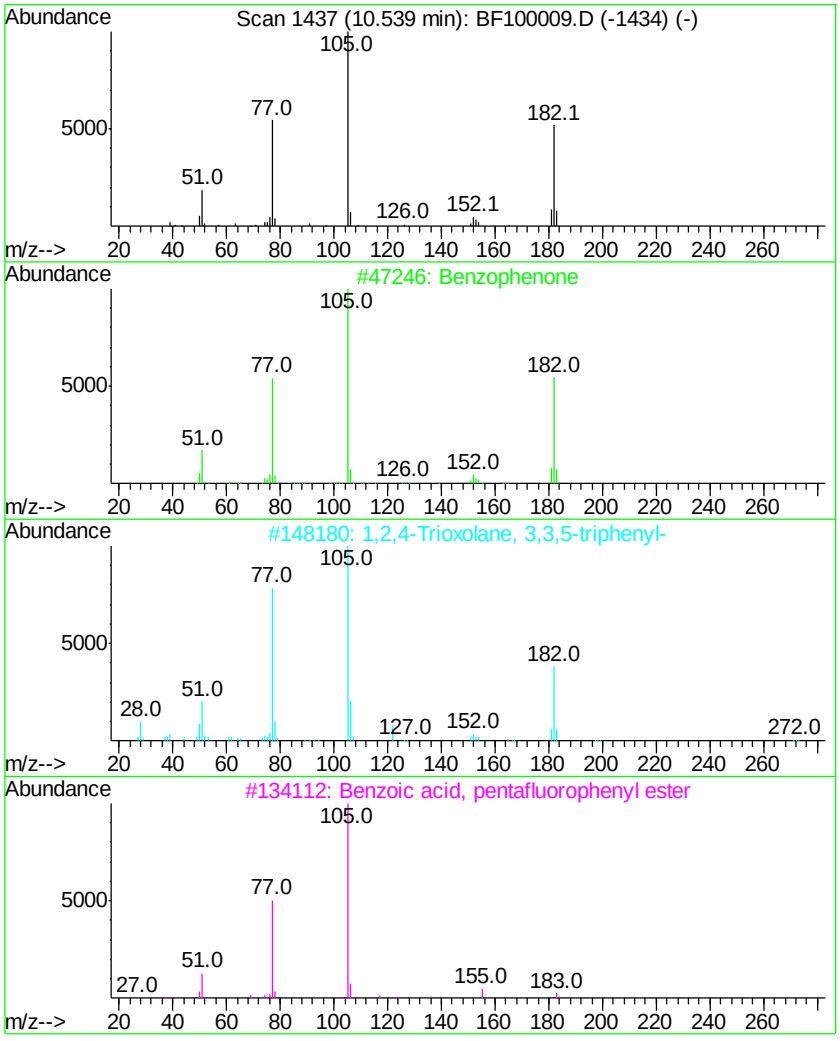
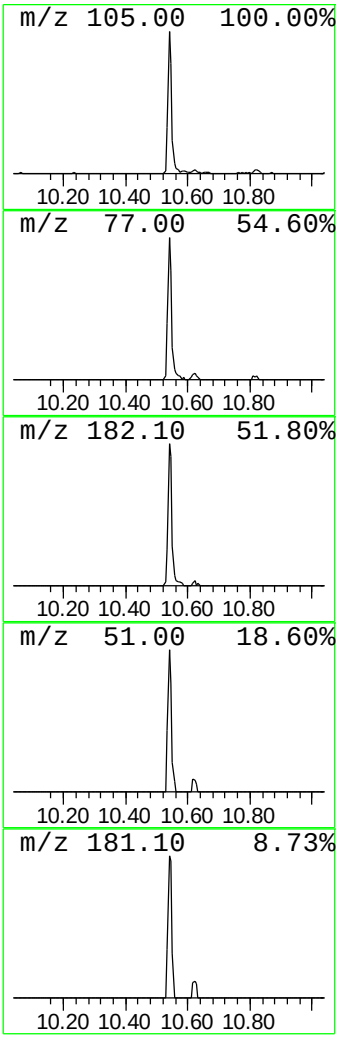
Peak Number 4 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.05 ng	83079	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	43





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Instrument : BNA_F
ClientSampleId : FK-SF-02-002-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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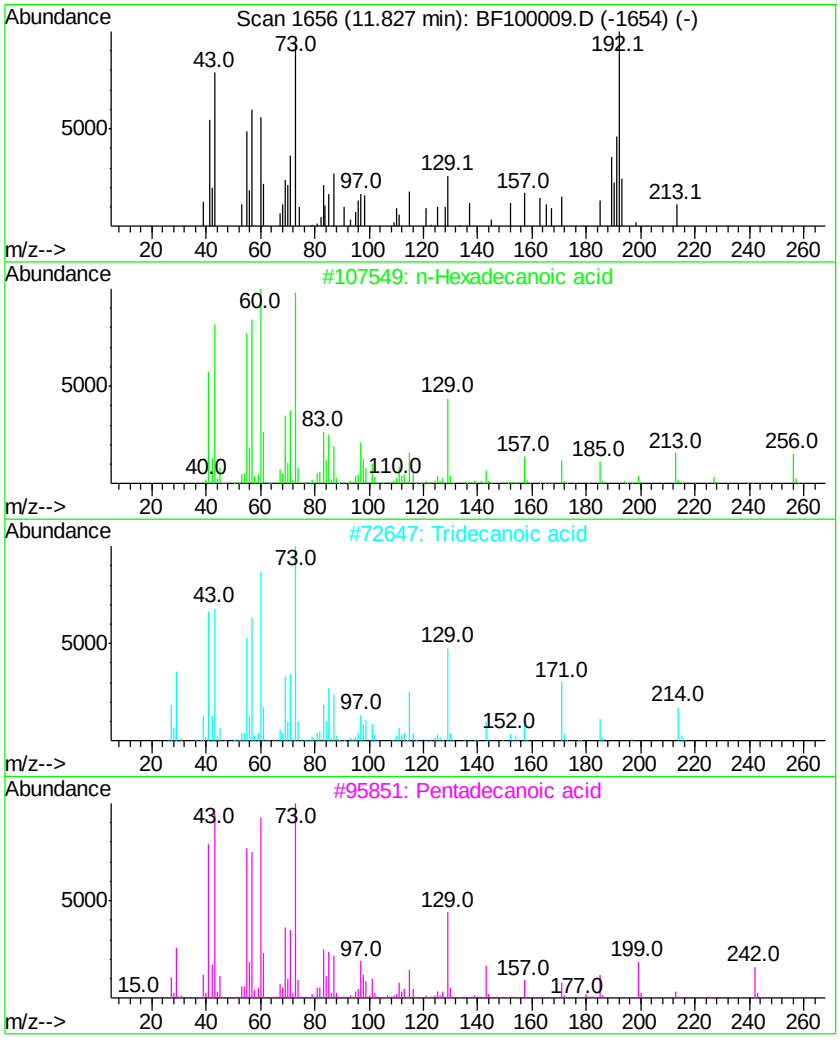
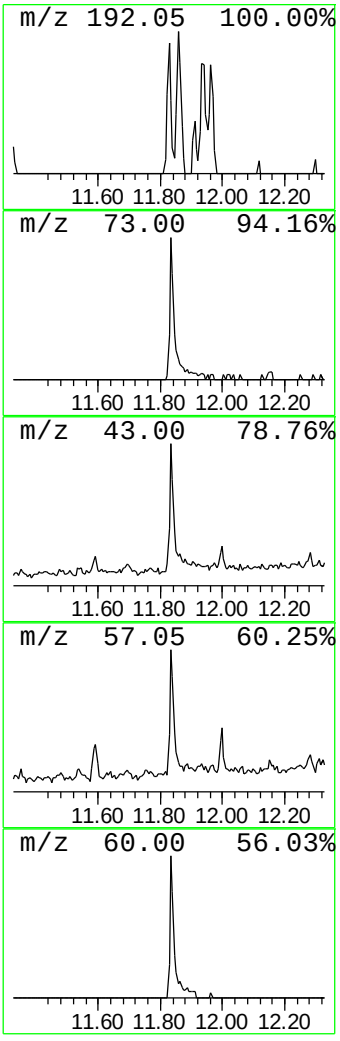
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.50 ng	133384	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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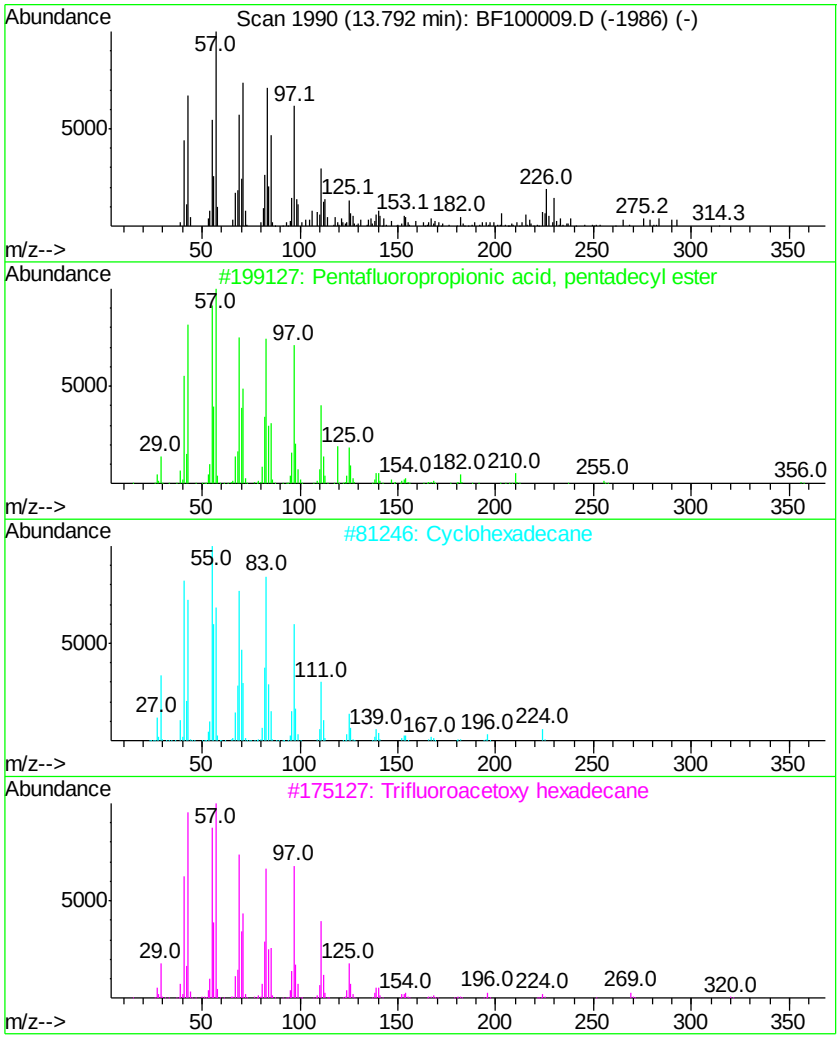
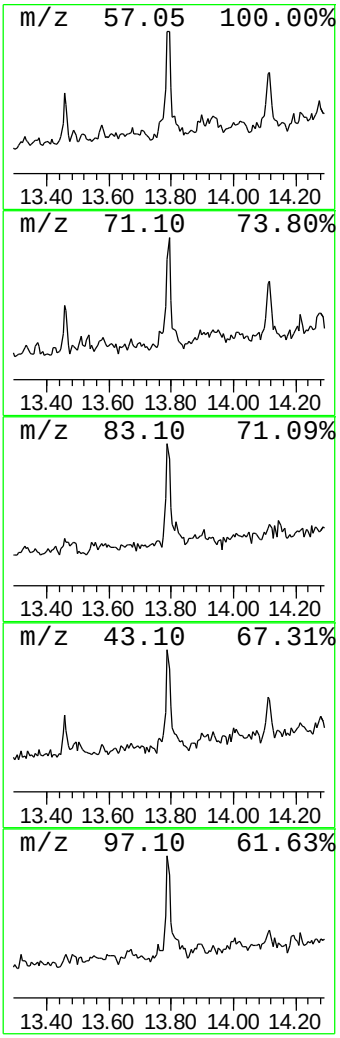
****

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.80 ng	131754	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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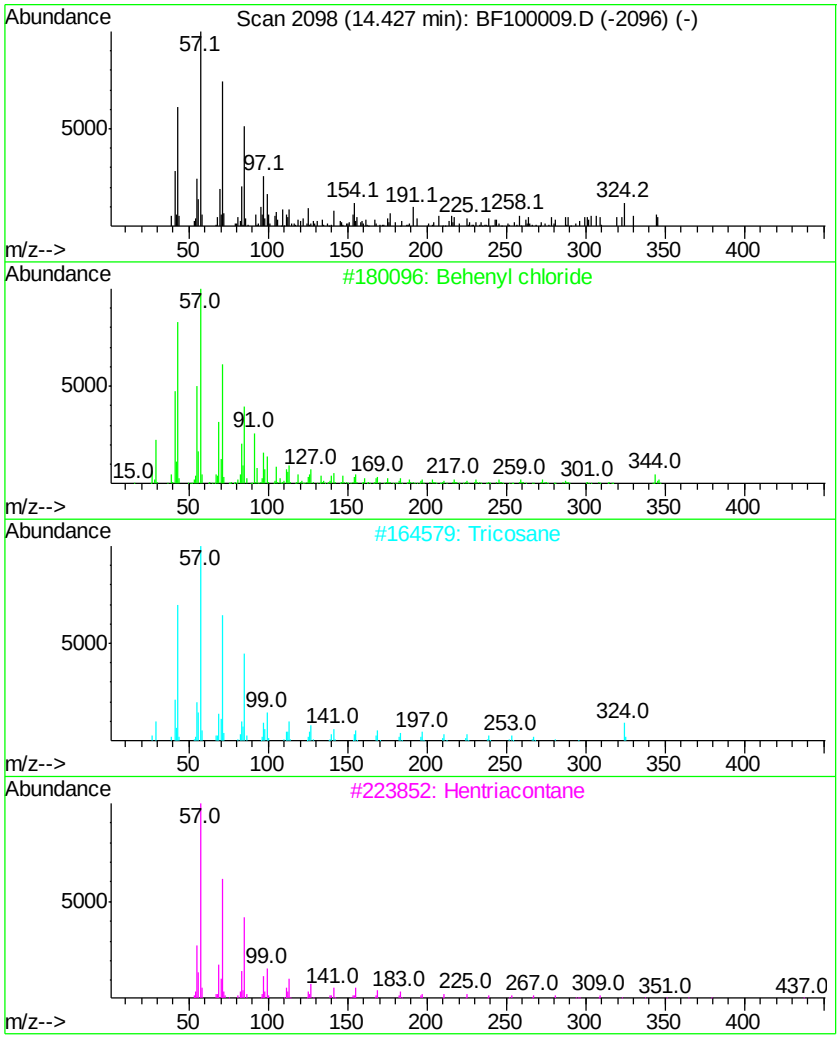
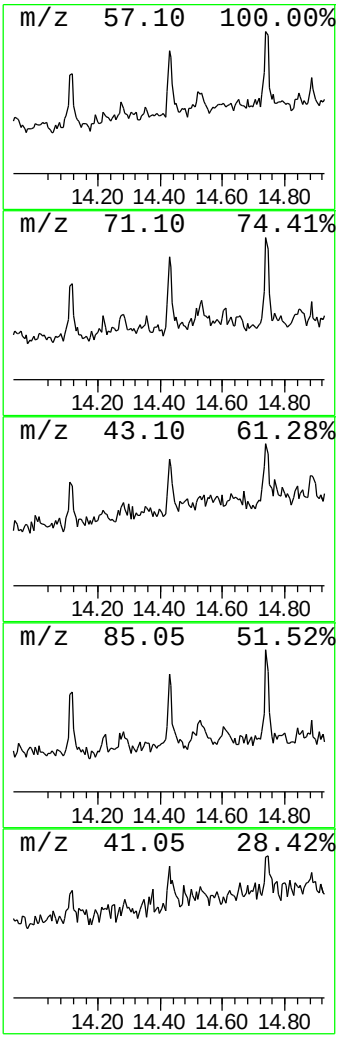
****

Peak Number 7 Behenyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.54 ng	69843	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride	344	C22H45Cl	042217-03-8	68
2	Tricosane	324	C23H48	000638-67-5	68
3	Hentriacontane	437	C31H64	000630-04-6	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Heneicosane	296	C21H44	000629-94-7	58





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...	5.00	10.3	ng	272747	1	6.79	529122	20.0
unknown6.56	6.56	70.3	ng	1861290	1	6.79	529122	20.0
Benzophenone	10.54	2.0	ng	83079	3	9.82	809840	20.0
n-Hexadecanoic acid	11.83	3.5	ng	133384	4	11.32	762131	20.0
Pentafluoropropio...	13.79	4.8	ng	131754	5	13.98	549078	20.0
Behenyl chloride	14.43	2.5	ng	69843	5	13.98	549078	20.0