LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100020.D
Acq On : 31 Oct 2017 22:42
Operator : SJ/JU
Sample : I6081-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

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	516	rBV	144225	250224	12.50%	1.491%
2	5.410	562	565	585	rBV	1384398	1583365	79.12%	9.437%
3	6.434	735	739	757	rBV	1567683	1672138	83.55%	9.966%
4	6.563	757	761	767	rVV	1792366	1699055	84.90%	10.126%
5	6.786	796	799	809	rBV	569794	500887	25.03%	2.985%
6	6.939	822	825	842	rBV	1495506	1398440	69.88%	8.334%
7	7.357	893	896	920	rBV	1029108	998895	49.91%	5.953%
8	8.069	1014	1017	1030	rBV	813946	700663	35.01%	4.176%
9	8.633	1110	1113	1118	rBV	33226	33822	1.69%	0.202%
10	9.145	1196	1200	1203	rBV	2375073	2001255	100.00%	11.927%
11	9.539	1264	1267	1276	rVB	139321	121317	6.06%	0.723%
12	9.827	1312	1316	1320	rBV	777794	730262	36.49%	4.352%
13	10.539	1434	1437	1447	rVB	146901	119139	5.95%	0.710%
14	10.621	1447	1451	1465	rBV	1000668	963237	48.13%	5.741%
15	11.321	1566	1570	1573	rBV	761843	702850	35.12%	4.189%
16	11.345	1573	1574	1579	rVB	96921	63347	3.17%	0.378%
17	11.833	1653	1657	1659	rBV2	54305	58722	2.93%	0.350%
18	11.857	1659	1661	1666	rVB	26146	28033	1.40%	0.167%
19	12.539	1774	1777	1783	rBV	130109	120062	6.00%	0.716%
20	12.774	1814	1817	1823	rVB	100430	100992	5.05%	0.602%
21	12.904	1835	1839	1842	rBV	1670035	1512967	75.60%	9.017%
22	13.786	1986	1989	1995	rVB2	113306	125583	6.28%	0.748%
23	13.974	2017	2021	2025	rBV	478045	512438	25.61%	3.054%
24	14.004	2025	2026	2031	rVB	49340	41489	2.07%	0.247%
25	14.715	2144	2147	2155	rVB	100792	103095	5.15%	0.614%
26	15.045	2199	2203	2206	rBV	42365	70020	3.50%	0.417%
27	15.345	2251	2254	2261	rVB	27099	38242	1.91%	0.228%
28	15.409	2262	2265	2270	rVB	37873	49765	2.49%	0.297%
29	15.462	2270	2274	2286	rBV	370206	478851	23.93%	2.854%

Sum of corrected areas: 16779155

LSC Report - Integrated Chromatogram

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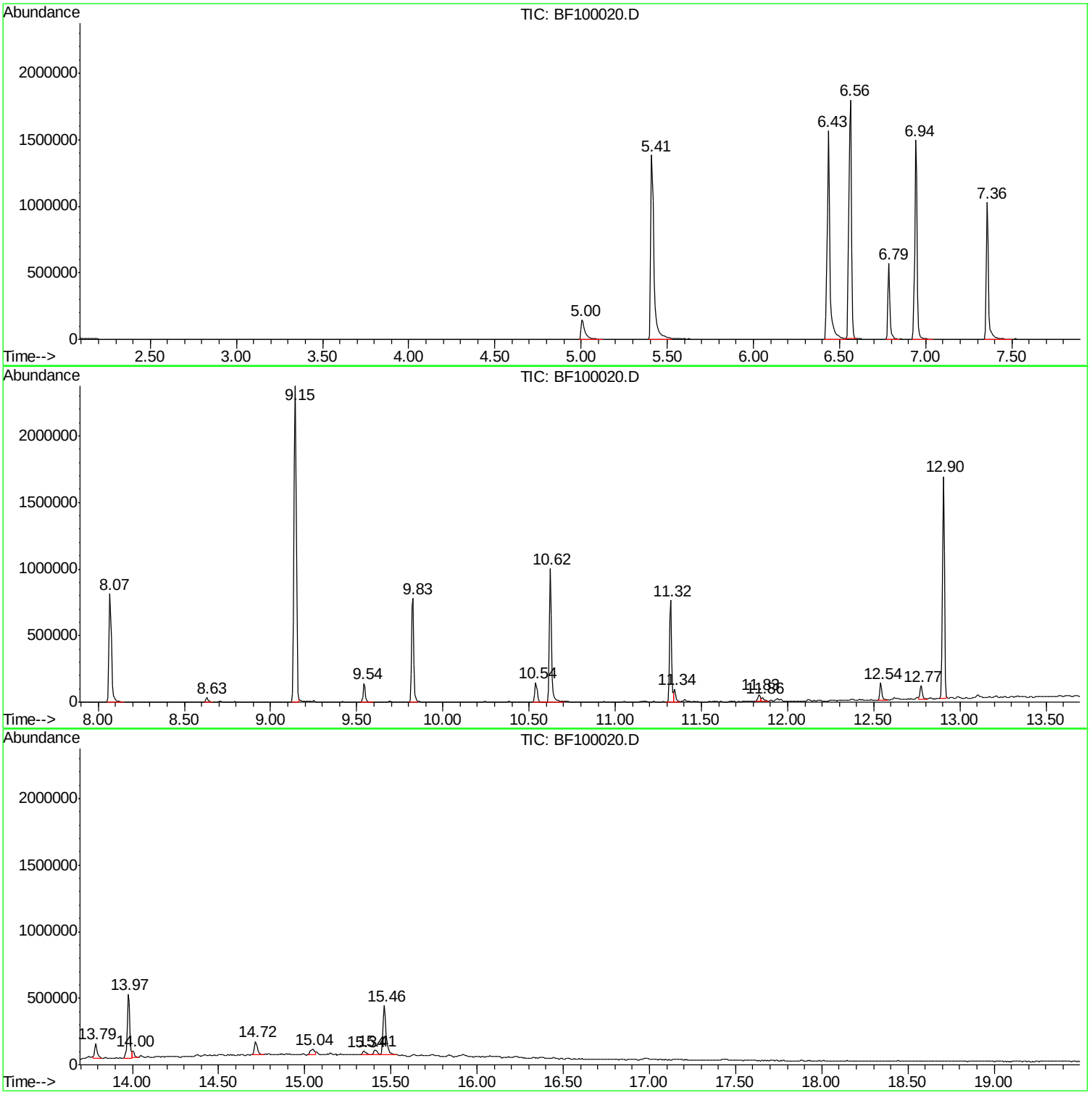
Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

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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Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

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

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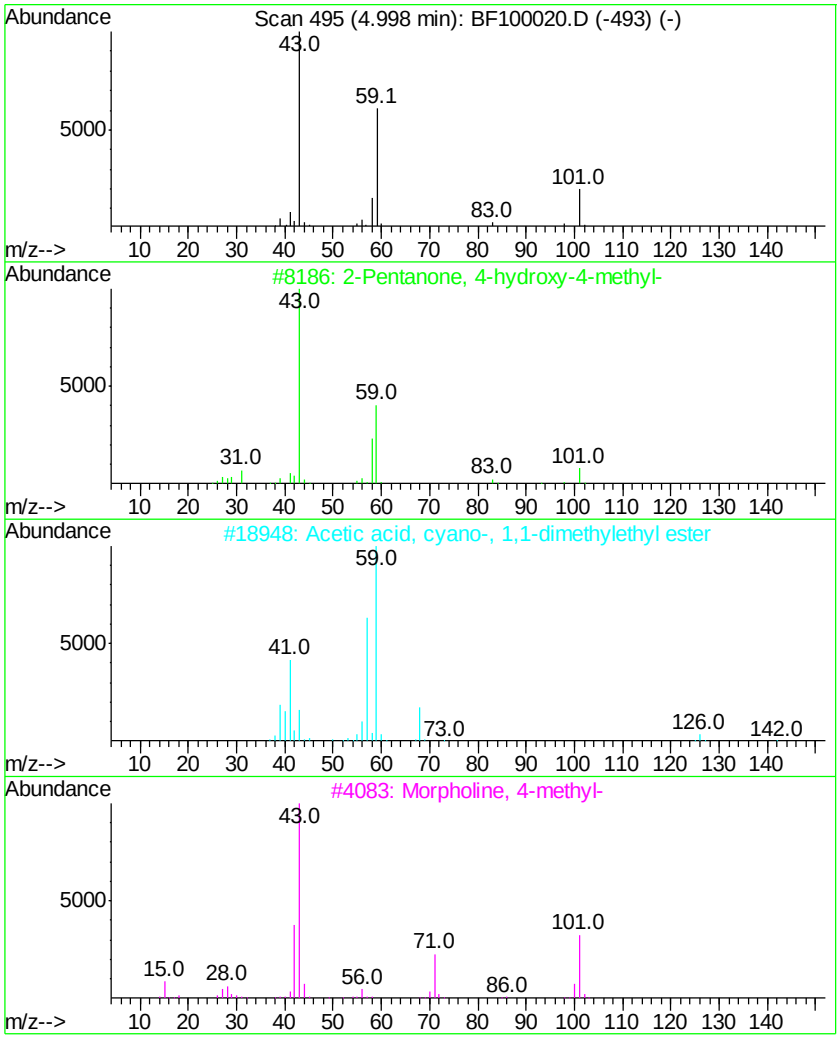
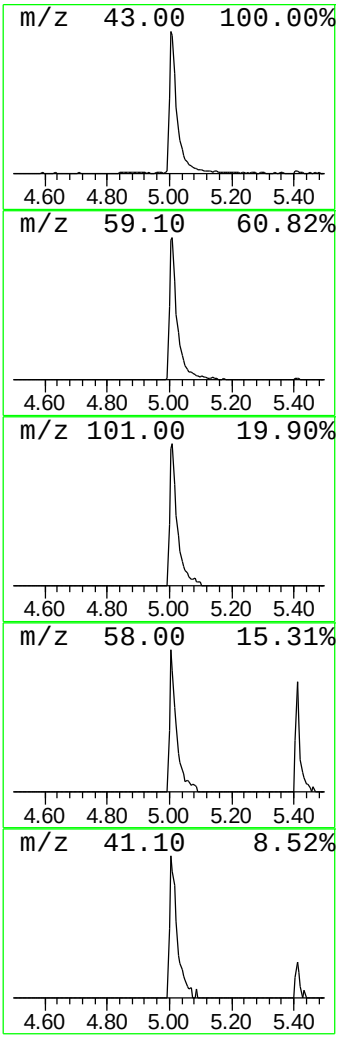
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	9.99 ng	250224	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	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : I6081-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

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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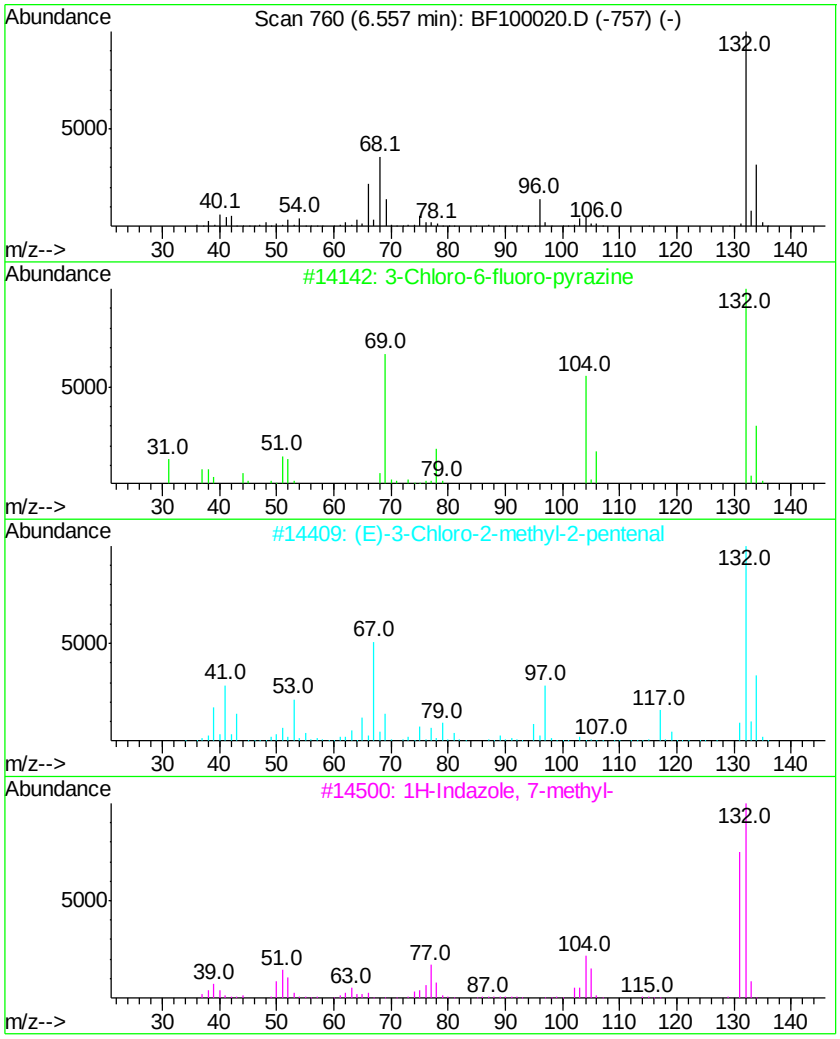
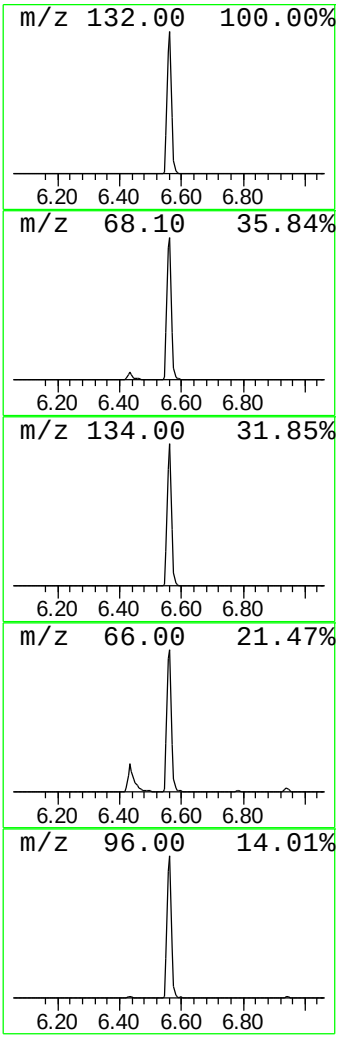
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	67.84 ng	1699060	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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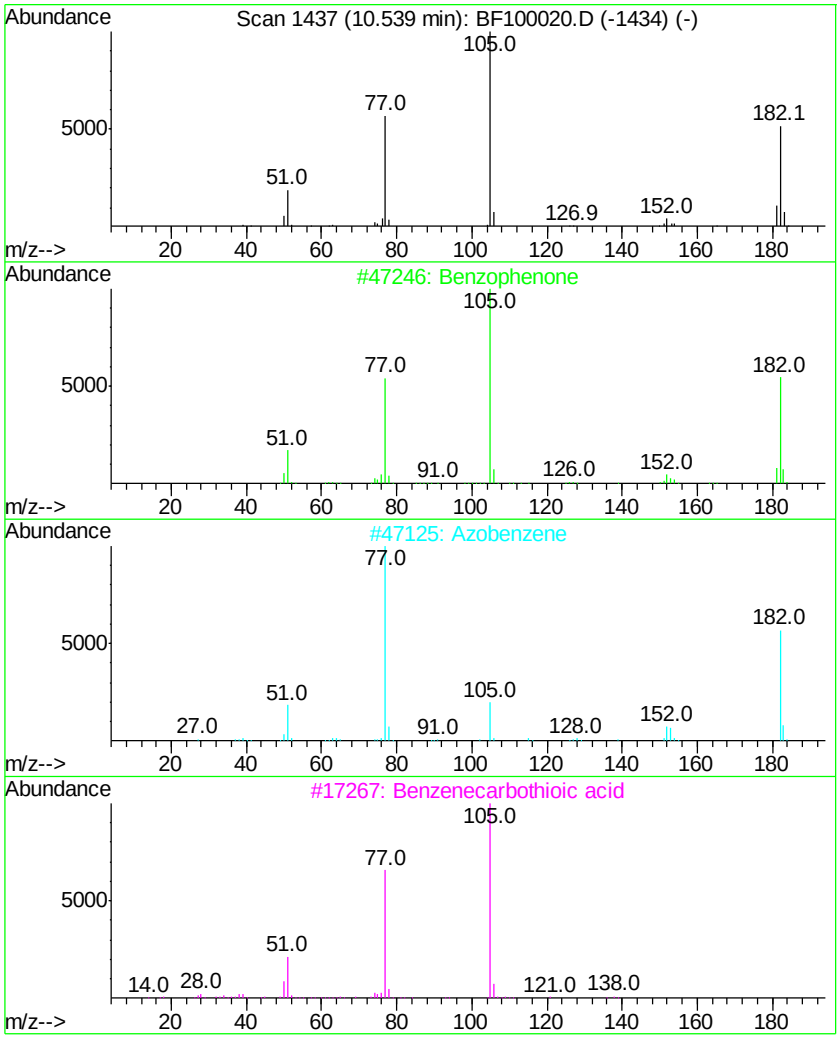
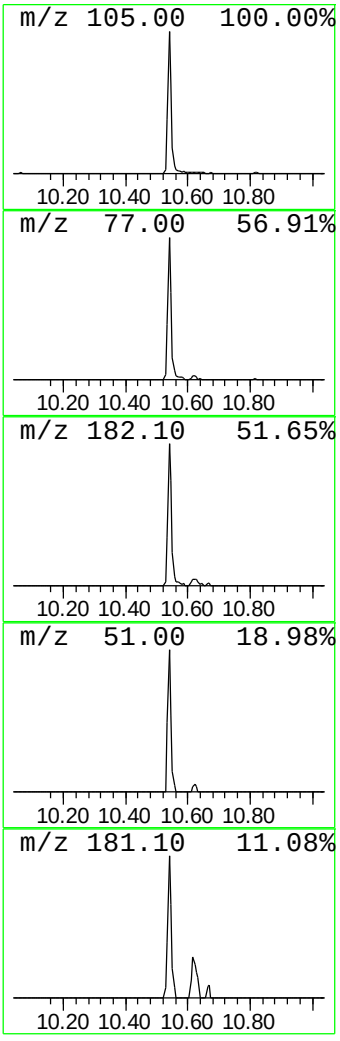
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.26 ng	119139	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43
4	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	43
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43





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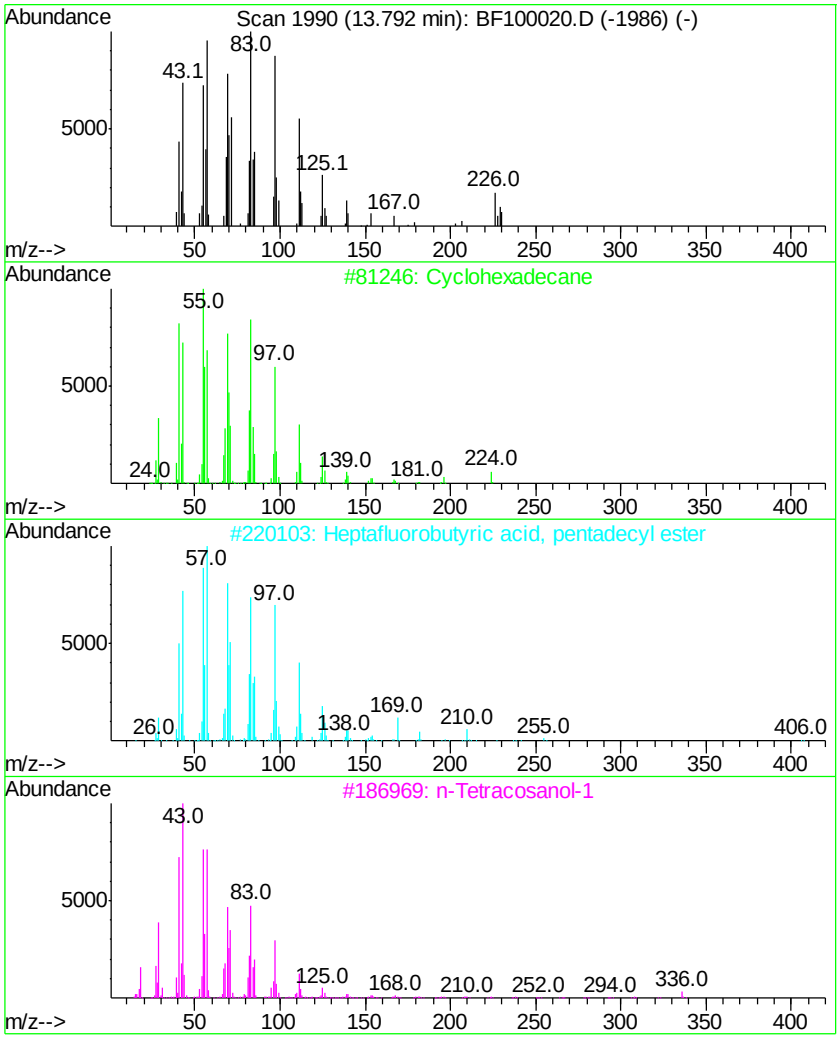
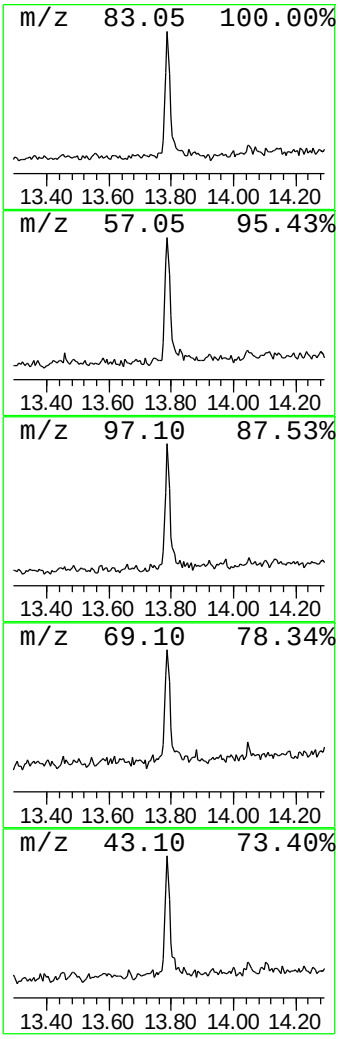
Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.90 ng	125583	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	1-Docosene	308	C22H44	001599-67-3	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





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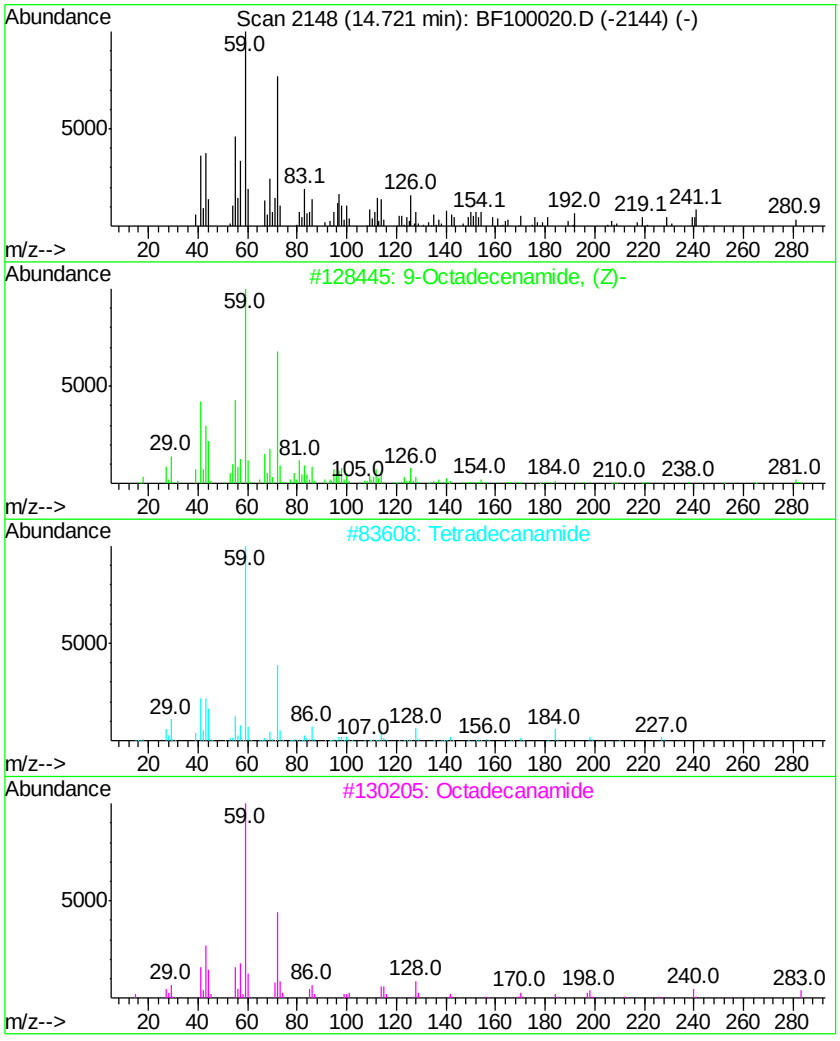
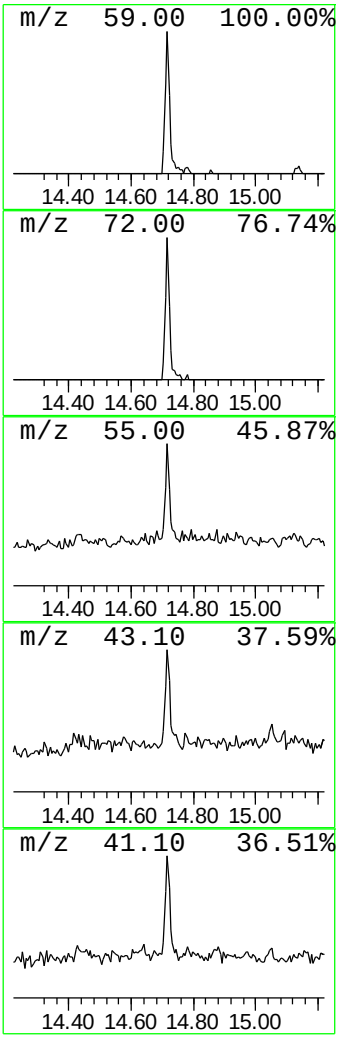
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.02 ng	103095	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	Octadecanamide	283	C18H37NO	000124-26-5	47
4	d-Glucosamine	179	C6H13NO5	000090-77-7	43
5	Dodecanamide	199	C12H25NO	001120-16-7	43





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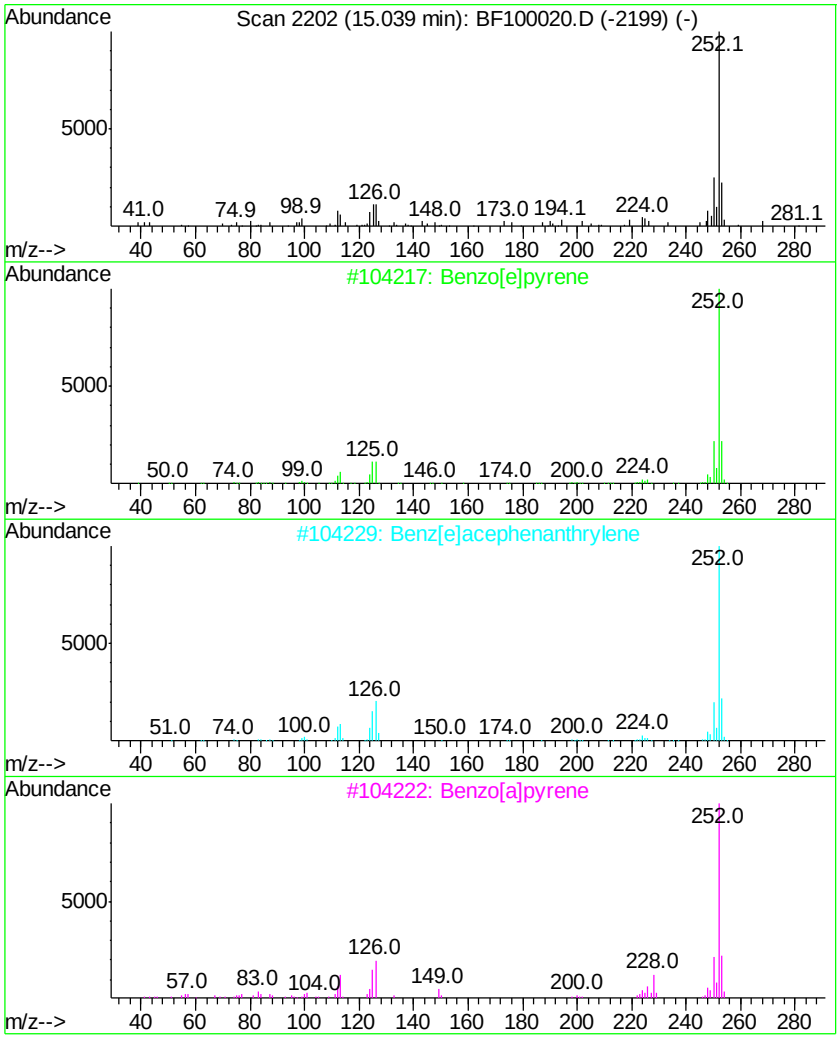
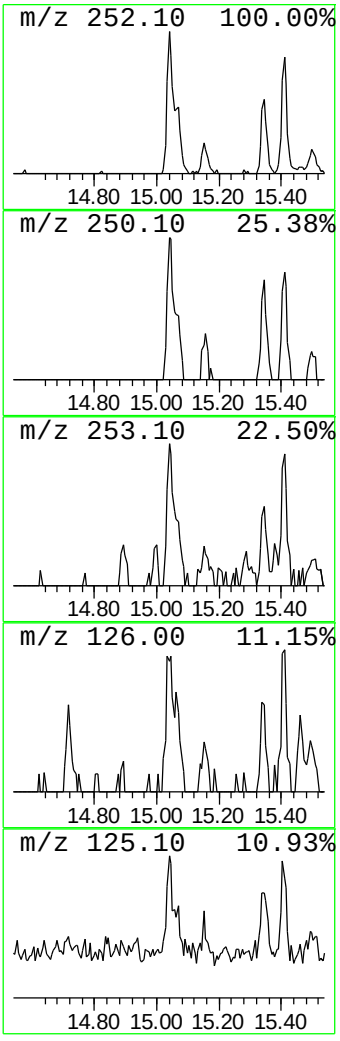
Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.92 ng	70020	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	10.0	ng	250224	1	6.79	500887	20.0
unknown6.56	6.56	67.8	ng	1699060	1	6.79	500887	20.0
Benzophenone	10.54	3.3	ng	119139	3	9.83	730262	20.0
Cyclohexadecane	13.79	4.9	ng	125583	5	13.97	512438	20.0
9-Octadecenamide,...	14.72	4.0	ng	103095	5	13.97	512438	20.0
Benzo[e]pyrene	15.04	2.9	ng	70020	6	15.46	478851	20.0