LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108255.D
Acq On : 17 Aug 2018 20:47
Operator : JU/SJ
Sample : J4496-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CARLSTADT-TOP-SOIL

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	5.254	492	496	504	rBV	125247	141672	3.98%	0.438%
2	5.643	557	562	565	rBV	3045338	2839613	79.76%	8.780%
3	6.637	725	731	734	rBV	3203596	3077510	86.44%	9.516%
4	6.784	752	756	760	rBV	3362155	3051775	85.72%	9.436%
5	7.013	792	795	799	rBV	1167882	1016081	28.54%	3.142%
6	7.172	818	822	825	rBV	2769659	2340542	65.74%	7.237%
7	7.578	886	891	894	rBV	2165393	1975812	55.50%	6.109%
8	8.301	1009	1014	1017	rBV	1383881	1313450	36.89%	4.061%
9	9.372	1191	1196	1199	rBV	4222732	3560296	100.00%	11.008%
10	9.760	1257	1262	1272	rBV	354790	295123	8.29%	0.913%
11	10.060	1309	1313	1317	rBV2	1672605	1462908	41.09%	4.523%
12	10.854	1443	1448	1460	rBV	2210775	2093164	58.79%	6.472%
13	11.554	1563	1567	1570	rBV	1485061	1415386	39.75%	4.376%
14	11.578	1570	1571	1575	rVV	340026	239651	6.73%	0.741%
15	11.630	1578	1580	1583	rVB	59159	44367	1.25%	0.137%
16	12.060	1650	1653	1655	rBV	47317	45667	1.28%	0.141%
17	12.083	1655	1657	1663	rVB2	55287	58285	1.64%	0.180%
18	12.172	1668	1672	1674	rBV2	54367	60352	1.70%	0.187%
19	12.613	1743	1747	1751	rBV2	32452	60924	1.71%	0.188%
20	12.695	1758	1761	1765	rBV	39779	44685	1.26%	0.138%
21	12.777	1771	1775	1778	rBV	409370	379194	10.65%	1.172%
22	13.007	1811	1814	1819	rVB	379562	355416	9.98%	1.099%
23	13.142	1833	1837	1840	rBV	3408118	2925807	82.18%	9.047%
24	13.230	1847	1852	1855	rBV4	32967	51882	1.46%	0.160%
25	13.566	1906	1909	1914	rBV	28699	50675	1.42%	0.157%
26	13.842	1953	1956	1961	rVB	58696	66638	1.87%	0.206%
27	13.960	1972	1976	1978	rBV2	32932	46665	1.31%	0.144%
28	14.048	1983	1991	1998	rVV5	141191	329542	9.26%	1.019%
29	14.213	2013	2019	2021	rBV2	1196343	1367765	38.42%	4.229%
30	14.236	2021	2023	2029	rVB	192556	172298	4.84%	0.533%
31	15.301	2200	2204	2207	rBV	146745	217416	6.11%	0.672%
32	15.630	2258	2260	2265	rVB	77866	98074	2.75%	0.303%
33	15.701	2269	2272	2277	rVB	103306	137083	3.85%	0.424%
34	15.771	2279	2284	2289	rBV	667446	917330	25.77%	2.836%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.236	2360	2363	2369	rVB	56266	88818	2.49%	0.275%

Sum of corrected areas: 32341866

LSC Report - Integrated Chromatogram

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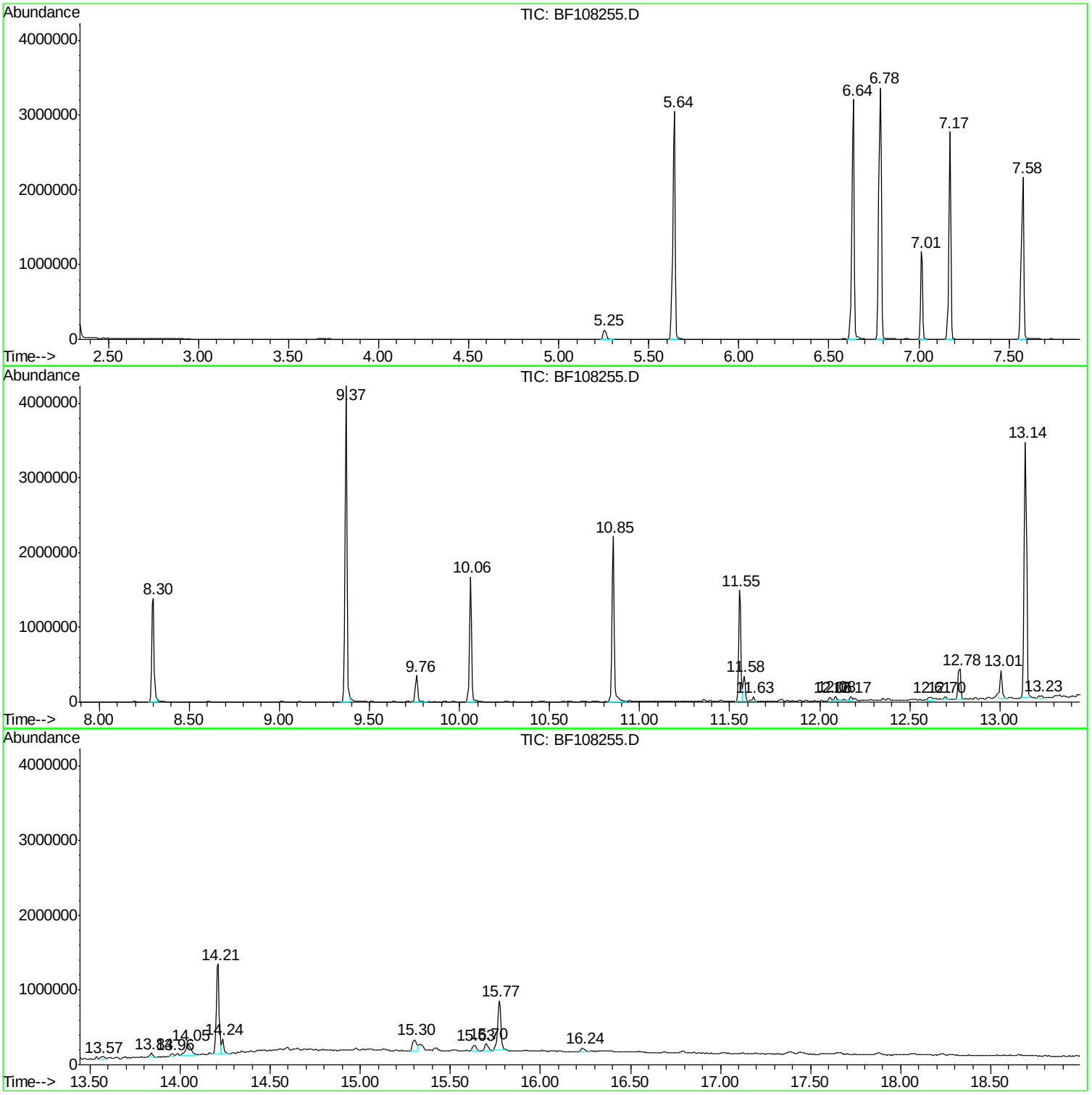
Instrument :
BNA_F
ClientSampleId :
CARLSTADT-TOP-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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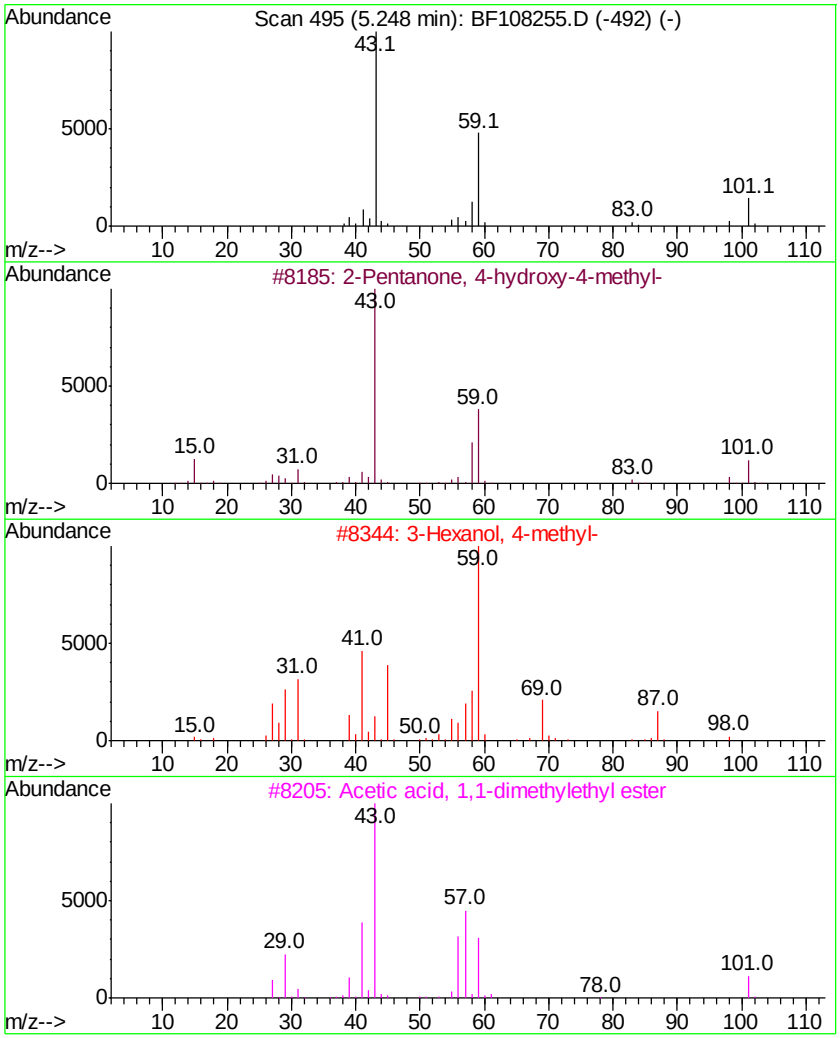
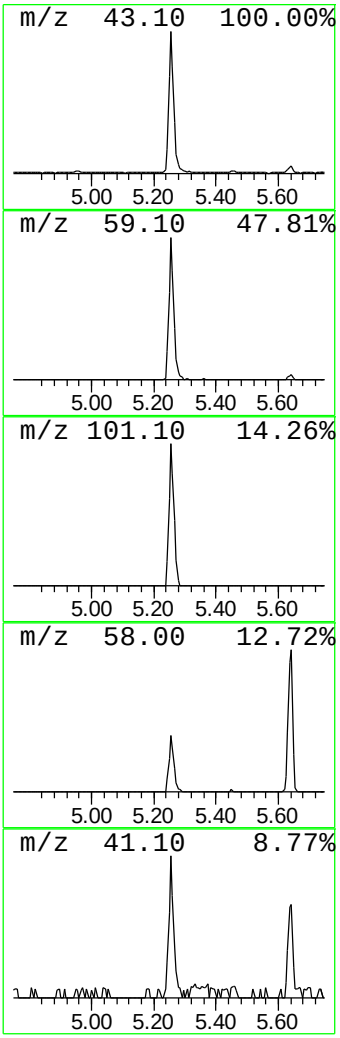
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.79 ng	141672	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





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Instrument : BNA_F
ClientSampleId : CARLSTADT-TOP-SOIL

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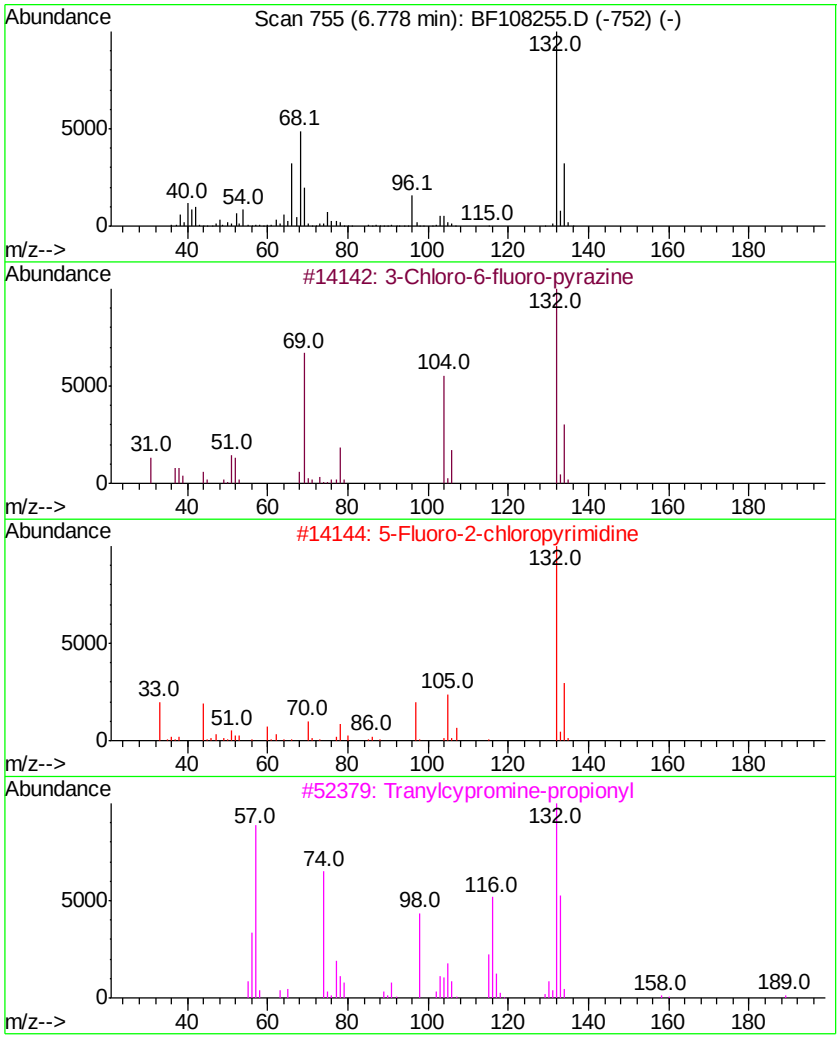
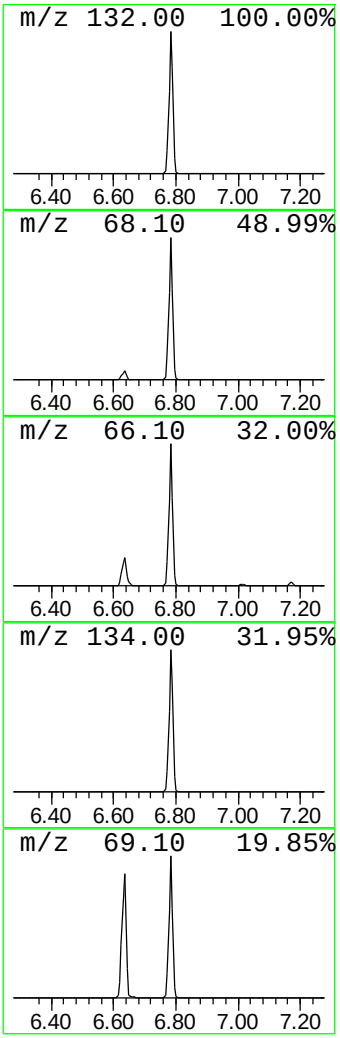
Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	60.07 ng	3051780	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : CARLSTADT-TOP-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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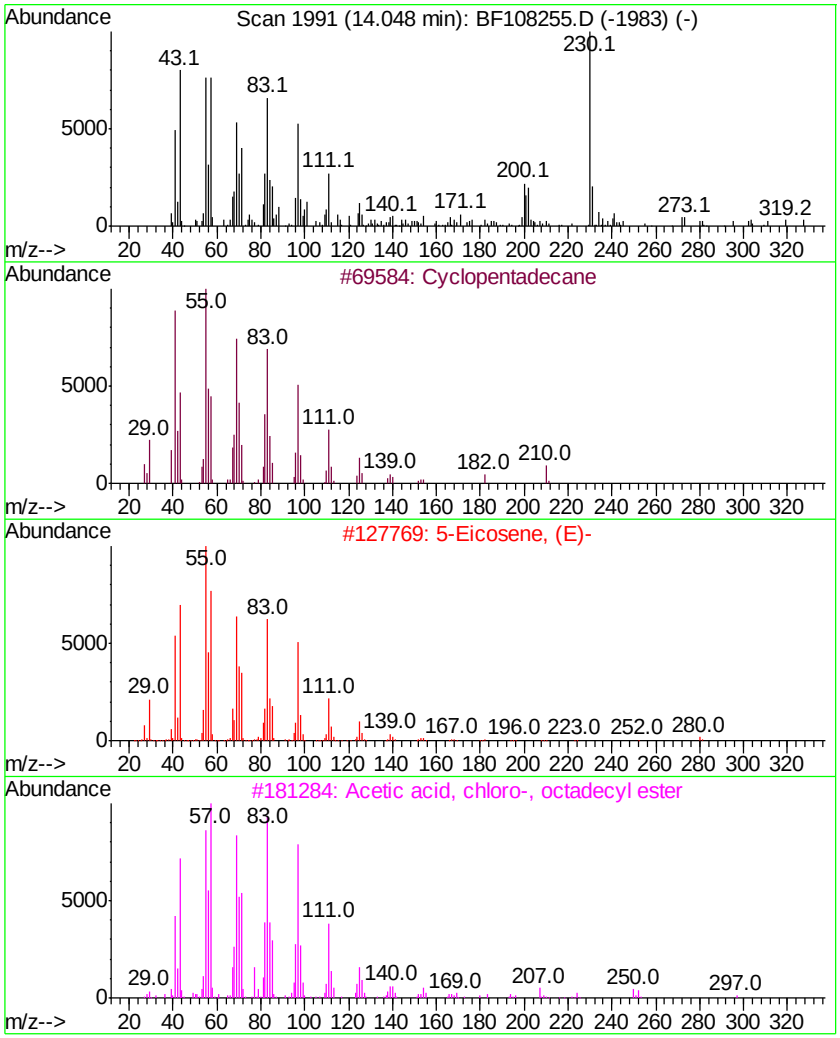
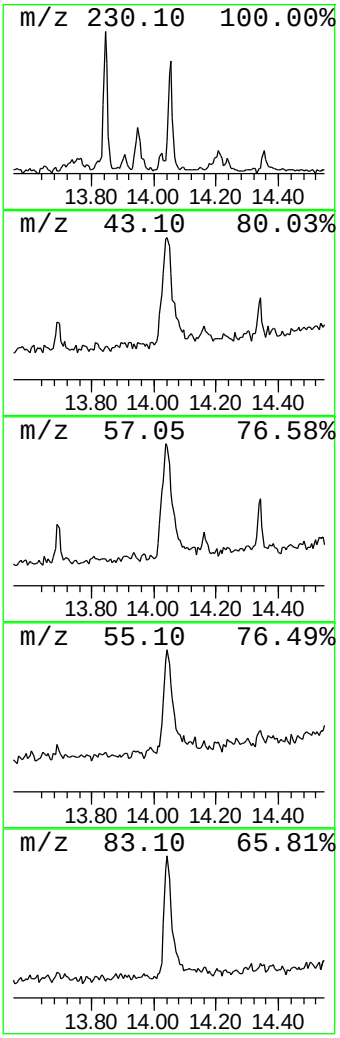
Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.82 ng	329542	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	70
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	70
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64





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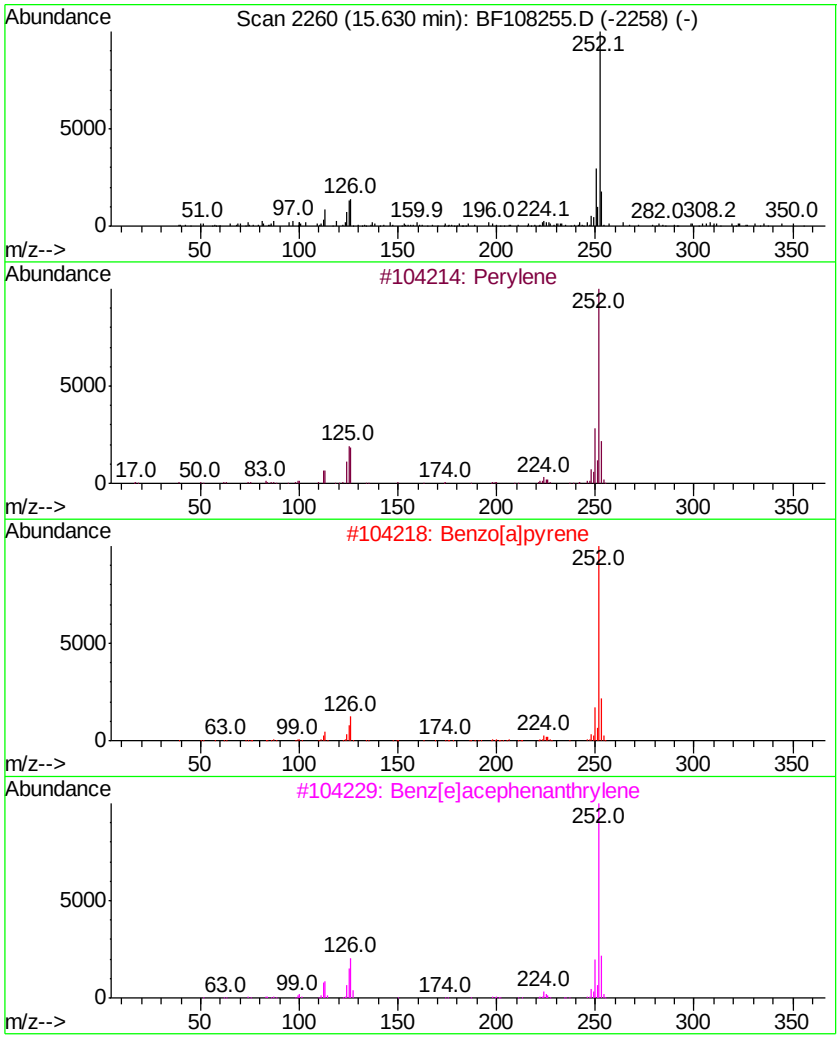
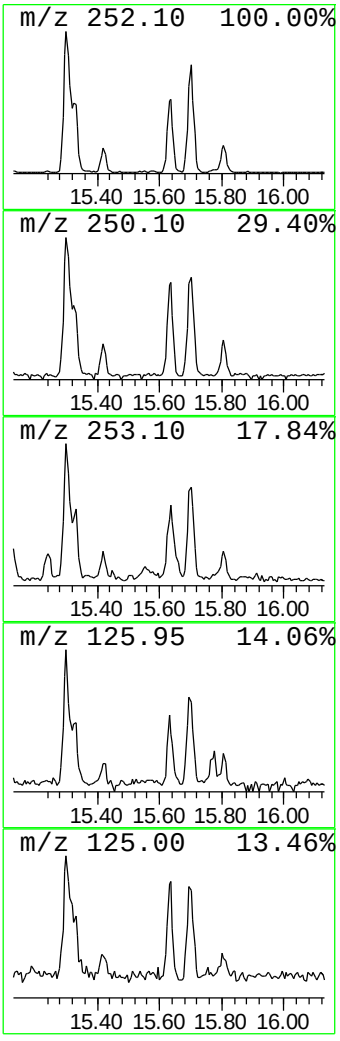
Peak Number 5 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.14 ng	98074	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





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...	5.25	2.8	ng	141672	1	7.01	1016080	20.0
unknown6.78	6.78	60.1	ng	3051780	1	7.01	1016080	20.0
Cyclopentadecane	14.05	4.8	ng	329542	5	14.21	1367770	20.0
Perylene	15.63	2.1	ng	98074	6	15.77	917330	20.0