LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098551.D
Acq On : 15 Sep 2017 2:08
Operator : SJ/JU
Sample : I5222-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF091117.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	4.810	460	463	479	rBV	145501	191290	9.84%	0.860%
2	5.251	534	538	552	rBV	1634070	1856699	95.47%	8.352%
3	6.298	712	716	733	rBV	1971513	1944822	100.00%	8.749%
4	6.416	733	736	743	rVB	2128203	1892302	97.30%	8.512%
5	6.645	772	775	782	rBV	957092	791514	40.70%	3.561%
6	6.804	798	802	811	rBV	1420178	1370978	70.49%	6.167%
7	7.216	868	872	885	rBV	1275058	1137755	58.50%	5.118%
8	7.928	990	993	1003	rBV	1148374	1113677	57.26%	5.010%
9	8.645	1112	1115	1122	rVB	28168	26215	1.35%	0.118%
10	8.739	1127	1131	1137	rVB	19822	26605	1.37%	0.120%
11	9.004	1172	1176	1180	rBV	2221212	1882907	96.82%	8.470%
12	9.086	1185	1190	1192	rBV3	20940	26668	1.37%	0.120%
13	9.404	1241	1244	1247	rVB	257413	198231	10.19%	0.892%
14	9.545	1265	1268	1272	rBV	28399	34546	1.78%	0.155%
15	9.586	1272	1275	1278	rVB2	23681	22216	1.14%	0.100%
16	9.616	1278	1280	1284	rBV	27611	27349	1.41%	0.123%
17	9.681	1287	1291	1294	rVV	1253057	1061732	54.59%	4.776%
18	9.710	1294	1296	1302	rVB	68315	66156	3.40%	0.298%
19	9.886	1322	1326	1329	rBV2	49596	45489	2.34%	0.205%
20	9.998	1342	1345	1349	rBV4	16879	22229	1.14%	0.100%
21	10.081	1357	1359	1362	rBV3	22152	21926	1.13%	0.099%
22	10.116	1362	1365	1367	rVB2	37106	32293	1.66%	0.145%
23	10.228	1380	1384	1389	rBV	65715	63834	3.28%	0.287%
24	10.386	1408	1411	1414	rVB3	19968	21403	1.10%	0.096%
25	10.469	1421	1425	1430	rBV	1014761	875431	45.01%	3.938%
26	10.586	1443	1445	1452	rVB3	56702	88898	4.57%	0.400%
27	10.739	1468	1471	1473	rBV3	24485	25190	1.30%	0.113%
28	11.033	1518	1521	1523	rBV2	28544	24644	1.27%	0.111%
29	11.057	1523	1525	1529	rVB	41994	41036	2.11%	0.185%
30	11.163	1539	1543	1545	rBV	1049891	917047	47.15%	4.125%
31	11.186	1545	1547	1550	rVV	364860	287763	14.80%	1.294%
32	11.239	1553	1556	1559	rVB	97941	82588	4.25%	0.372%
33	11.404	1580	1584	1588	rBV2	23307	33652	1.73%	0.151%
34	11.457	1591	1593	1595	rBV3	30940	23115	1.19%	0.104%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.663	1626	1628	1630	rBV	34942	28254	1.45%	0.127%
36	11.692	1630	1633	1636	rVB	55447	46757	2.40%	0.210%
37	11.775	1644	1647	1649	rBV	74791	75860	3.90%	0.341%
38	11.798	1649	1651	1654	rVB	31008	23873	1.23%	0.107%
39	11.957	1675	1678	1681	rBV	28710	28832	1.48%	0.130%
40	12.210	1718	1721	1724	rBV	51233	50180	2.58%	0.226%
41	12.304	1733	1737	1743	rBV4	21110	27550	1.42%	0.124%
42	12.369	1745	1748	1752	rVB	505383	434218	22.33%	1.953%
43	12.598	1781	1787	1790	rBV	460899	484548	24.91%	2.180%
44	12.651	1793	1796	1800	rVB2	25619	37796	1.94%	0.170%
45	12.745	1805	1812	1815	rBV	1396217	1370630	70.48%	6.166%
46	12.816	1821	1824	1829	rBV5	24303	39230	2.02%	0.176%
47	12.927	1836	1843	1846	rVB2	65820	101519	5.22%	0.457%
48	12.992	1852	1854	1857	rVB	46270	32351	1.66%	0.146%
49	13.027	1857	1860	1863	rBV2	43963	48679	2.50%	0.219%
50	13.151	1879	1881	1884	rBV	26543	27350	1.41%	0.123%
51	13.216	1890	1892	1898	rVB2	32915	33424	1.72%	0.150%
52	13.439	1927	1930	1934	rBV2	39631	36119	1.86%	0.162%
53	13.545	1945	1948	1950	rBV	45864	41123	2.11%	0.185%
54	13.569	1950	1952	1954	rVB	35645	28011	1.44%	0.126%
55	13.592	1954	1956	1958	rBV	29638	32033	1.65%	0.144%
56	13.645	1962	1965	1968	rVB2	81019	90370	4.65%	0.407%
57	13.792	1984	1990	1993	rBV3	974487	1211399	62.29%	5.449%
58	13.816	1993	1994	1998	rVB	186415	152527	7.84%	0.686%
59	14.804	2158	2162	2169	rBV	185195	301793	15.52%	1.358%
60	15.080	2206	2209	2211	rBV	99003	96980	4.99%	0.436%
61	15.133	2215	2218	2224	rBV	165716	204470	10.51%	0.920%
62	15.192	2224	2228	2235	rBV	690303	866206	44.54%	3.897%

Sum of corrected areas: 22230282

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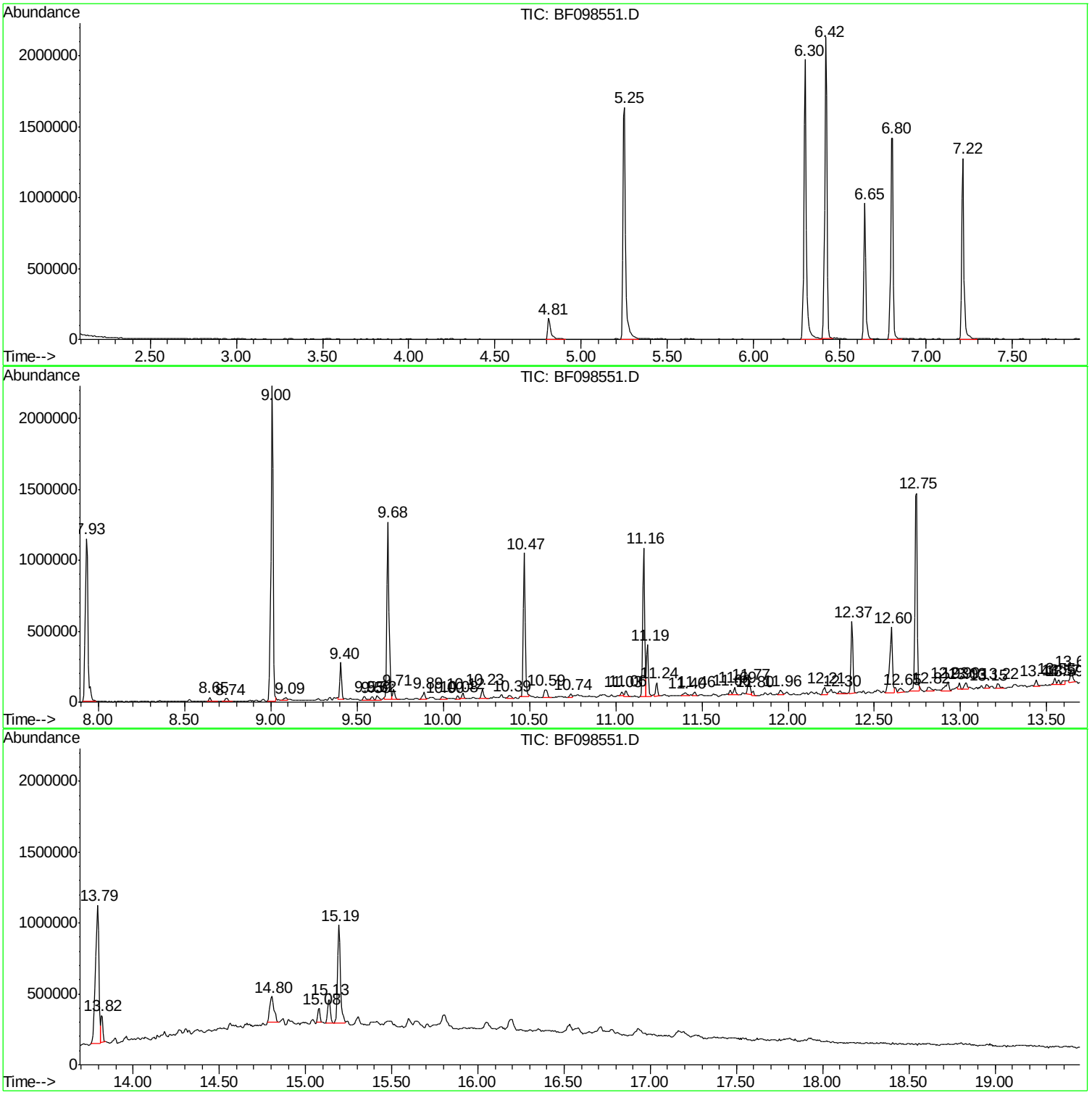
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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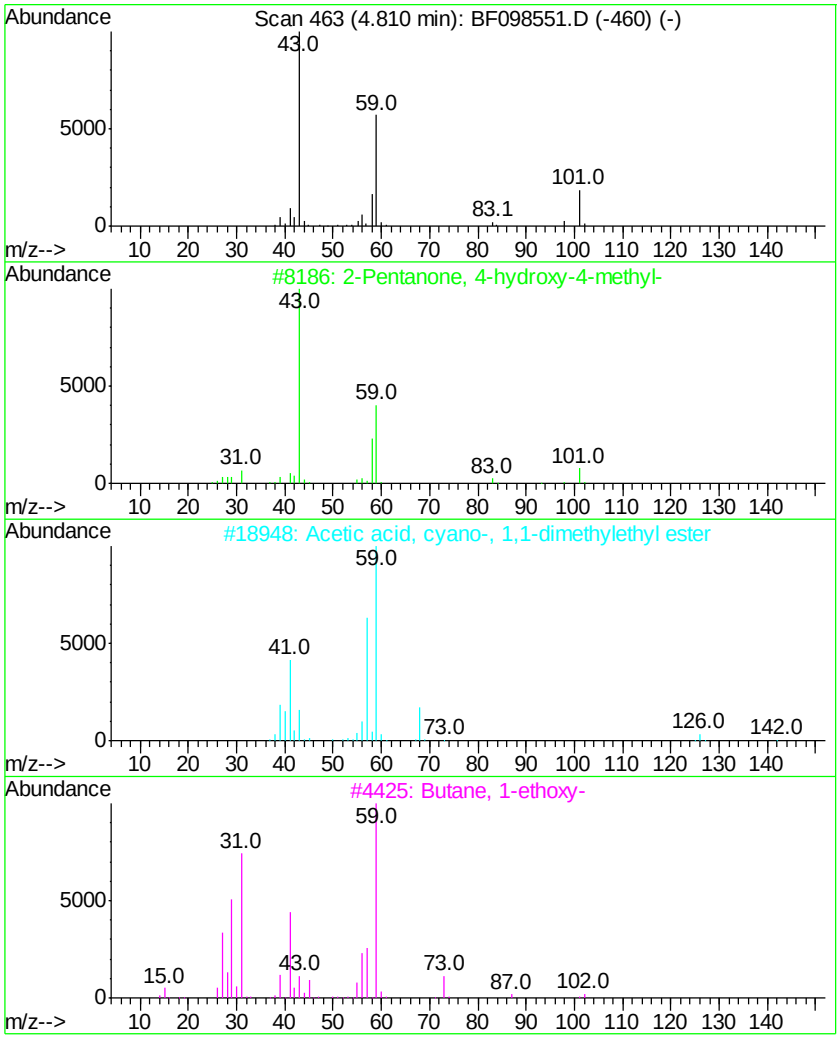
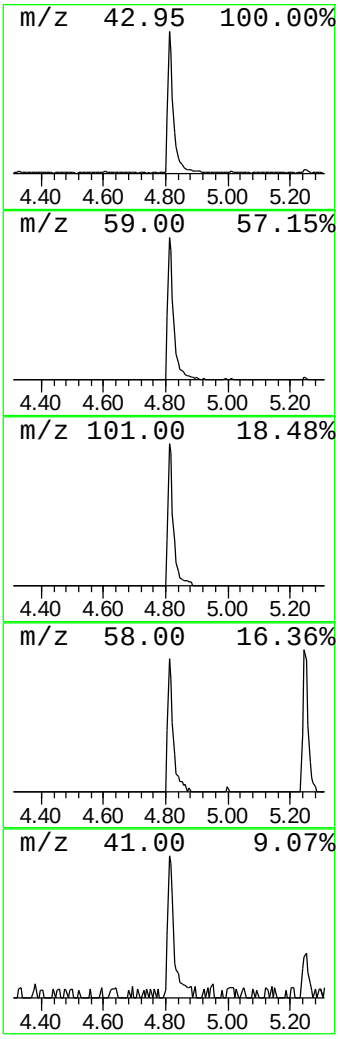
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	4.83 ng	191290	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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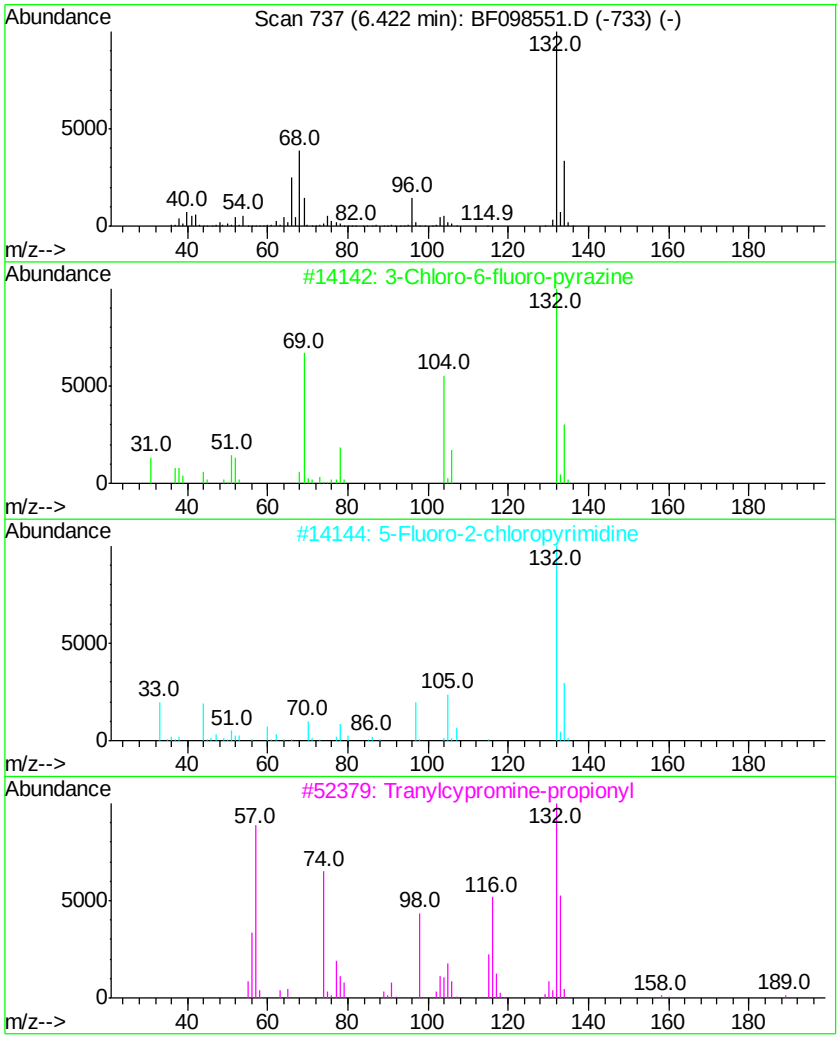
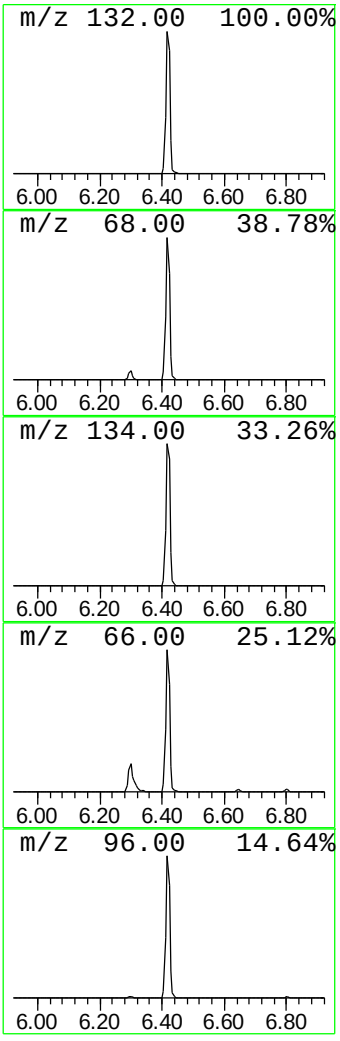
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	47.81 ng	1892300	1,4-Dichlorobenzene-d4	6.65

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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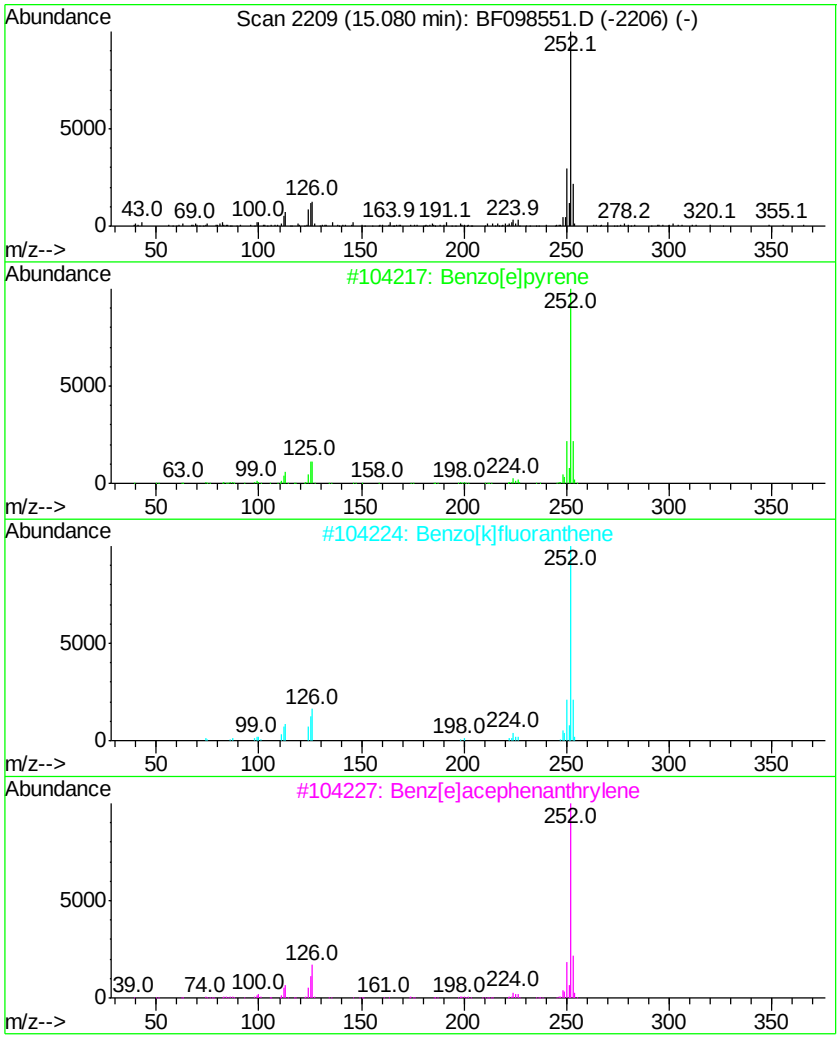
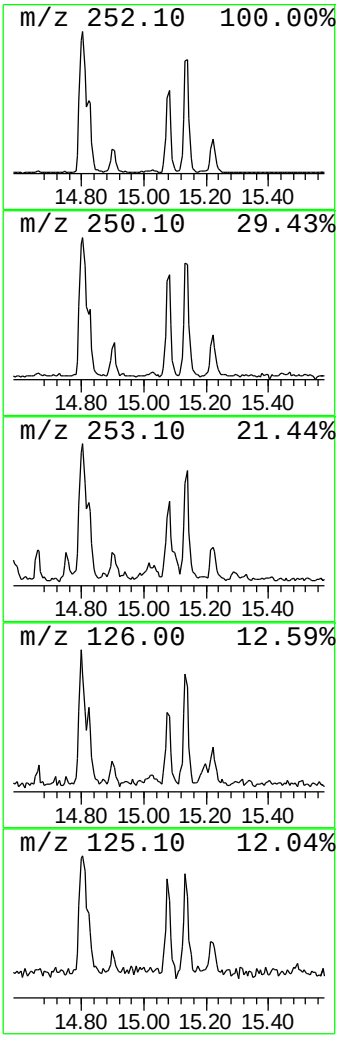
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.24 ng	96980	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	4.8	ng	191290	1	6.65	791514	20.0
unknown6.42	6.42	47.8	ng	1892300	1	6.65	791514	20.0
Benzo[e]pyrene	15.08	2.2	ng	96980	6	15.19	866206	20.0