LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108207.D
Acq On : 16 Aug 2018 20:50
Operator : JU/SJ
Sample : J4499-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-07(0-1)

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:\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	5.248	491	495	502	rBV	59308	65298	3.17%	0.237%
2	5.637	557	561	576	rVB	1521921	1307287	63.37%	4.749%
3	6.625	725	729	739	rBV	1431429	1345178	65.21%	4.887%
4	6.784	752	756	759	rBV	1553056	1365107	66.17%	4.959%
5	7.013	792	795	799	rBV	1077015	972898	47.16%	3.534%
6	7.172	818	822	825	rBV	1304380	1040623	50.44%	3.780%
7	7.572	886	890	896	rBV	1026038	856334	41.51%	3.111%
8	8.301	1010	1014	1017	rBV	1307538	1151784	55.83%	4.184%
9	9.372	1192	1196	1199	rBV	1469713	1279174	62.01%	4.647%
10	9.760	1259	1262	1268	rVB	109985	88580	4.29%	0.322%
11	10.060	1309	1313	1317	rBV2	1302914	1140914	55.31%	4.145%
12	10.089	1317	1318	1326	rVB	32842	30933	1.50%	0.112%
13	10.607	1404	1406	1412	rVB	24565	22653	1.10%	0.082%
14	10.848	1443	1447	1460	rBV	717904	713913	34.61%	2.594%
15	11.554	1563	1567	1570	rBV	1138544	1145610	55.53%	4.162%
16	11.577	1570	1571	1575	rVV	694698	497546	24.12%	1.807%
17	11.630	1577	1580	1583	rVV	135274	116045	5.63%	0.422%
18	11.666	1583	1586	1591	rVB	26070	24933	1.21%	0.091%
19	11.783	1601	1606	1611	rBV2	68548	72447	3.51%	0.263%
20	12.060	1649	1653	1655	rBV	79530	75620	3.67%	0.275%
21	12.083	1655	1657	1662	rVB	107673	98211	4.76%	0.357%
22	12.130	1662	1665	1668	rBV	29231	28266	1.37%	0.103%
23	12.171	1668	1672	1674	rVV2	145073	151072	7.32%	0.549%
24	12.195	1674	1676	1679	rVB	54702	43312	2.10%	0.157%
25	12.354	1699	1703	1705	rBV	79742	67419	3.27%	0.245%
26	12.377	1705	1707	1712	rVB	101375	86909	4.21%	0.316%
27	12.607	1740	1746	1750	rBV2	39895	62849	3.05%	0.228%
28	12.648	1750	1753	1755	rVV3	29342	32408	1.57%	0.118%
29	12.695	1758	1761	1767	rVB	67512	67990	3.30%	0.247%
30	12.777	1771	1775	1778	rBV	1980999	1669837	80.94%	6.066%
31	12.836	1783	1785	1788	rVB	39525	35749	1.73%	0.130%
32	12.901	1793	1796	1798	rBV3	34957	44892	2.18%	0.163%
33	12.930	1798	1801	1807	rVB	62996	78622	3.81%	0.286%
34	12.989	1807	1811	1812	rBV2	312879	315871	15.31%	1.148%

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Misc :
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Instrument : BNA_F
ClientSampleId : LSB-07(0-1)

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.007	1812	1814	1818	rVV	1412440	1338780	64.90%	4.864%
36	13.054	1819	1822	1826	rVB2	62806	63198	3.06%	0.230%
37	13.136	1831	1836	1839	rBV	1226118	1235559	59.89%	4.489%
38	13.166	1839	1841	1845	rVB	65729	60429	2.93%	0.220%
39	13.224	1846	1851	1854	rBV3	86808	149273	7.24%	0.542%
40	13.254	1854	1856	1859	rBV	26879	27190	1.32%	0.099%
41	13.307	1861	1865	1867	rBV4	65393	96555	4.68%	0.351%
42	13.330	1867	1869	1873	rVB	162757	163165	7.91%	0.593%
43	13.401	1878	1881	1883	rBV	128808	109593	5.31%	0.398%
44	13.442	1883	1888	1890	rBV2	101181	127893	6.20%	0.465%
45	13.465	1890	1892	1894	rVB2	39972	27538	1.33%	0.100%
46	13.495	1894	1897	1901	rVB3	24467	25126	1.22%	0.091%
47	13.530	1901	1903	1906	rBV	50955	48214	2.34%	0.175%
48	13.565	1906	1909	1911	rBV2	59149	60459	2.93%	0.220%
49	13.818	1949	1952	1954	rBV4	32575	45446	2.20%	0.165%
50	13.842	1954	1956	1961	rVB	151413	141304	6.85%	0.513%
51	13.960	1971	1976	1978	rBV2	146156	186281	9.03%	0.677%
52	13.983	1978	1980	1982	rVV	138324	120564	5.84%	0.438%
53	14.013	1982	1985	1989	rVV2	142510	241906	11.73%	0.879%
54	14.054	1989	1992	1995	rVB	167626	176508	8.56%	0.641%
55	14.213	2013	2019	2021	rBV2	1469602	2062932	100.00%	7.494%
56	14.236	2021	2023	2029	rVB	911147	767365	37.20%	2.788%
57	14.318	2034	2037	2039	rBV	150878	120523	5.84%	0.438%
58	14.436	2053	2057	2060	rBV2	96118	136409	6.61%	0.496%
59	14.595	2082	2084	2087	rVB	89662	74164	3.60%	0.269%
60	14.630	2087	2090	2095	rBV5	83559	99000	4.80%	0.360%
61	14.730	2104	2107	2109	rBV	67023	65915	3.20%	0.239%
62	15.301	2199	2204	2208	rBV	613391	1062529	51.51%	3.860%
63	15.418	2221	2224	2228	rVB	92501	104856	5.08%	0.381%
64	15.636	2257	2261	2266	rVB	319096	429891	20.84%	1.562%
65	15.701	2268	2272	2278	rBV	423549	582863	28.25%	2.117%
66	15.771	2279	2284	2288	rBV	619608	890751	43.18%	3.236%
67	17.383	2553	2558	2565	rBV2	161034	337532	16.36%	1.226%
68	17.877	2638	2642	2652	rVB	117112	250797	12.16%	0.911%

Sum of corrected areas: 27526792

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Misc :
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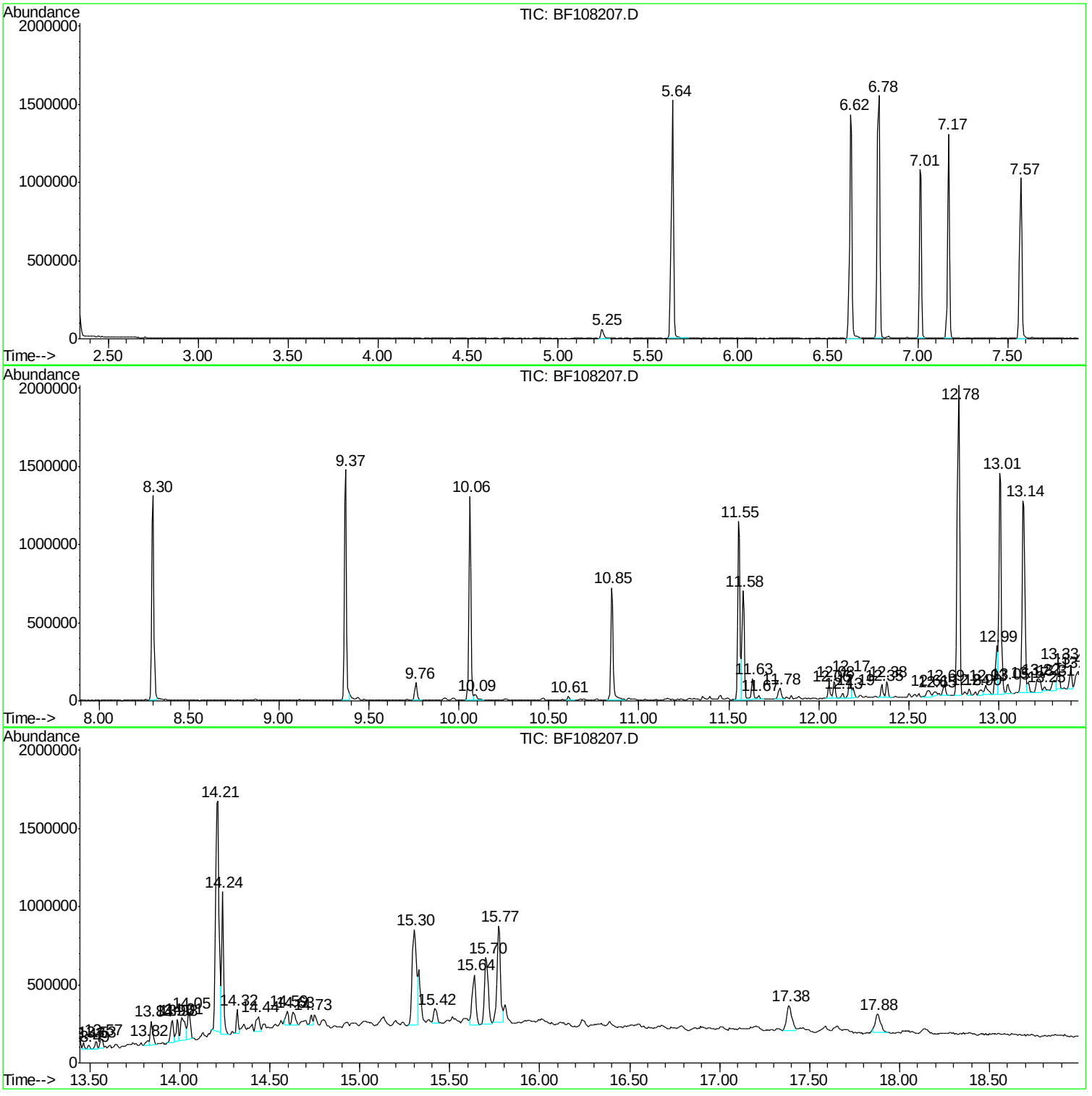
Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

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



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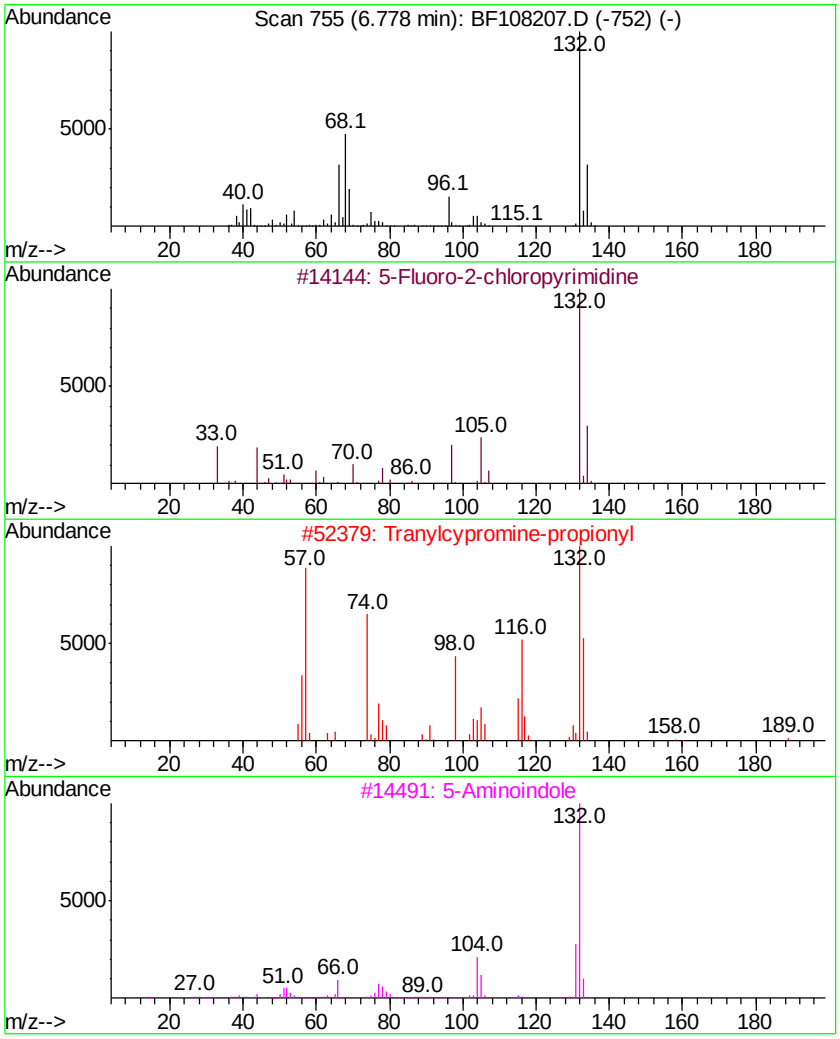
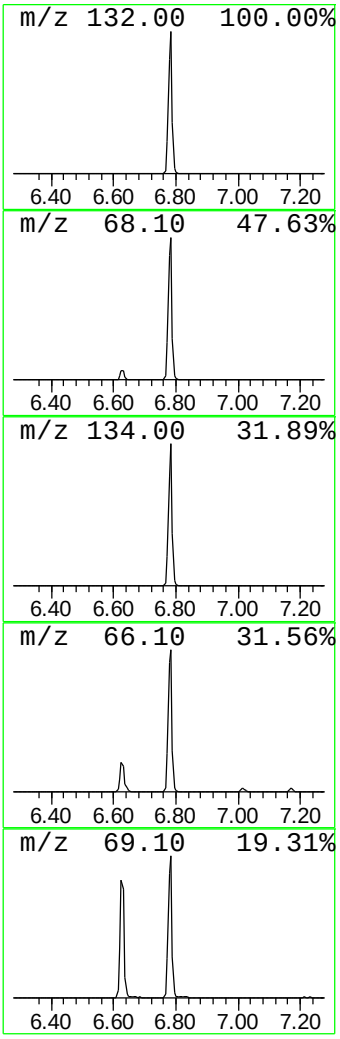
Peak Number 1 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	28.06 ng	1365110	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : LSB-07(0-1)

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

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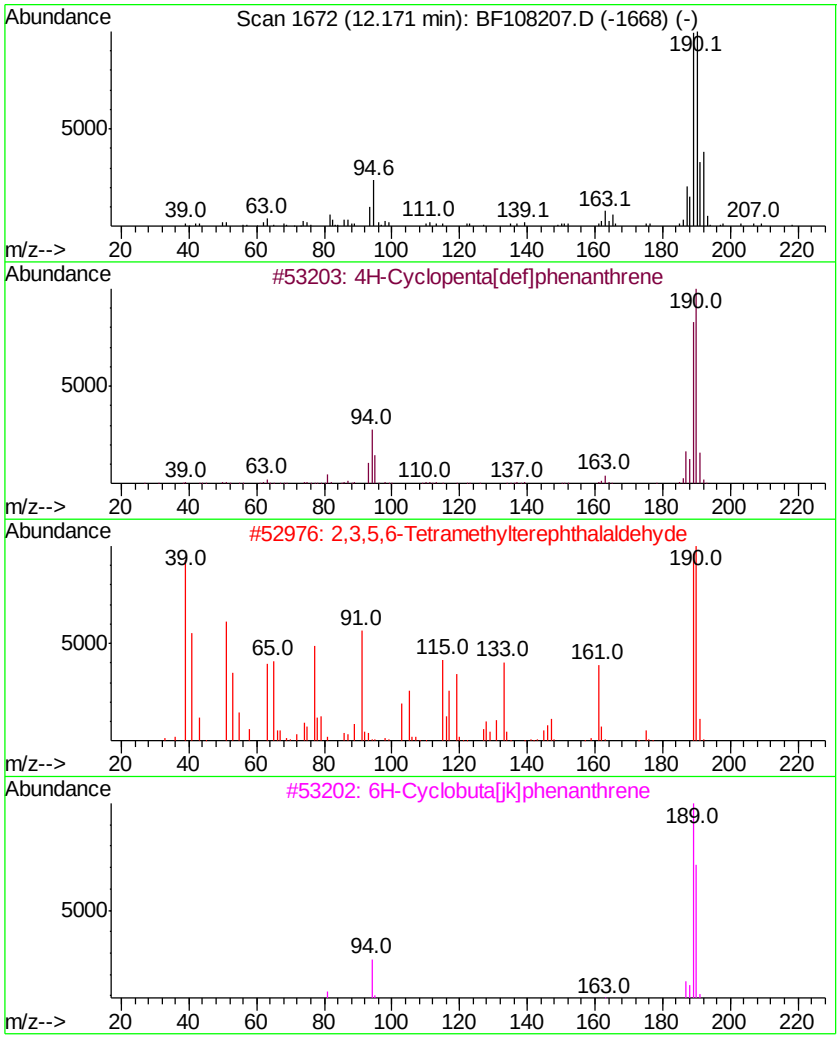
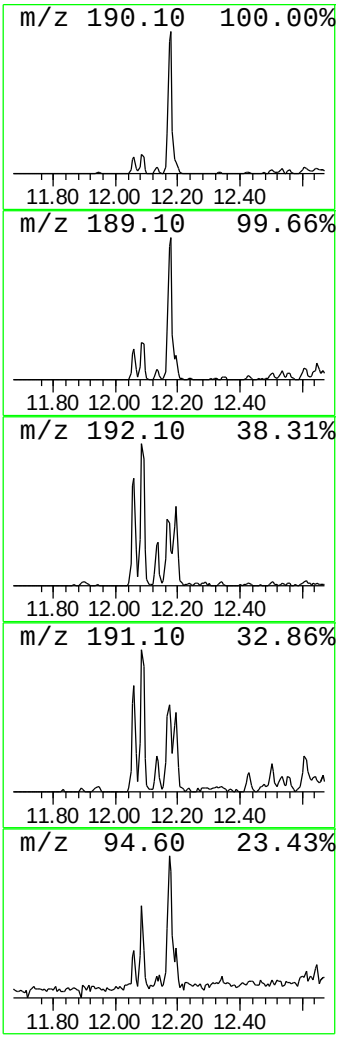
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.64 ng	151072	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	35





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-07(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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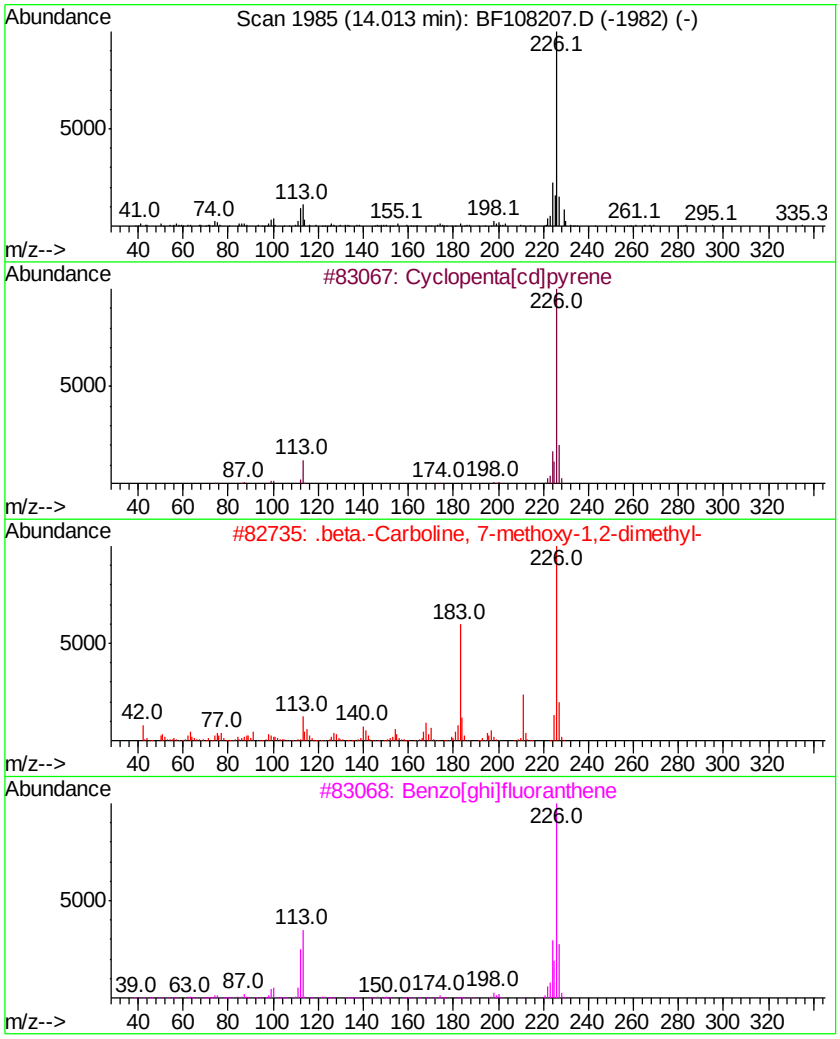
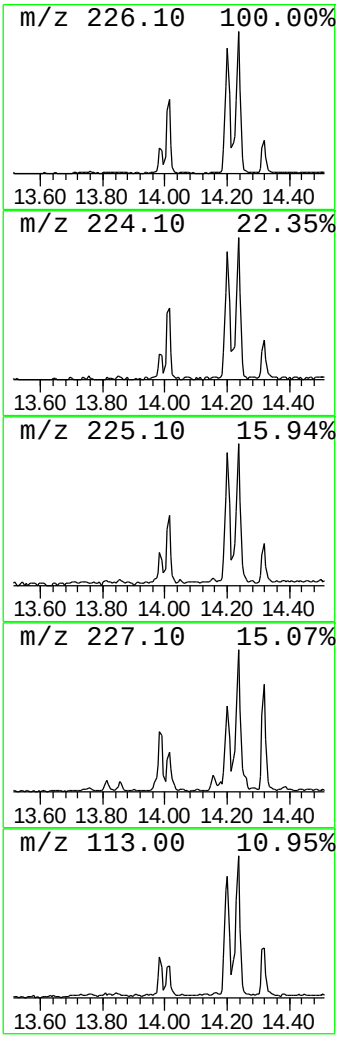
Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.35 ng	241906	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	40
5	2-Imidazolidinone, 1-(4-chloroph...	226	C10H11ClN2O2	052420-34-5	38





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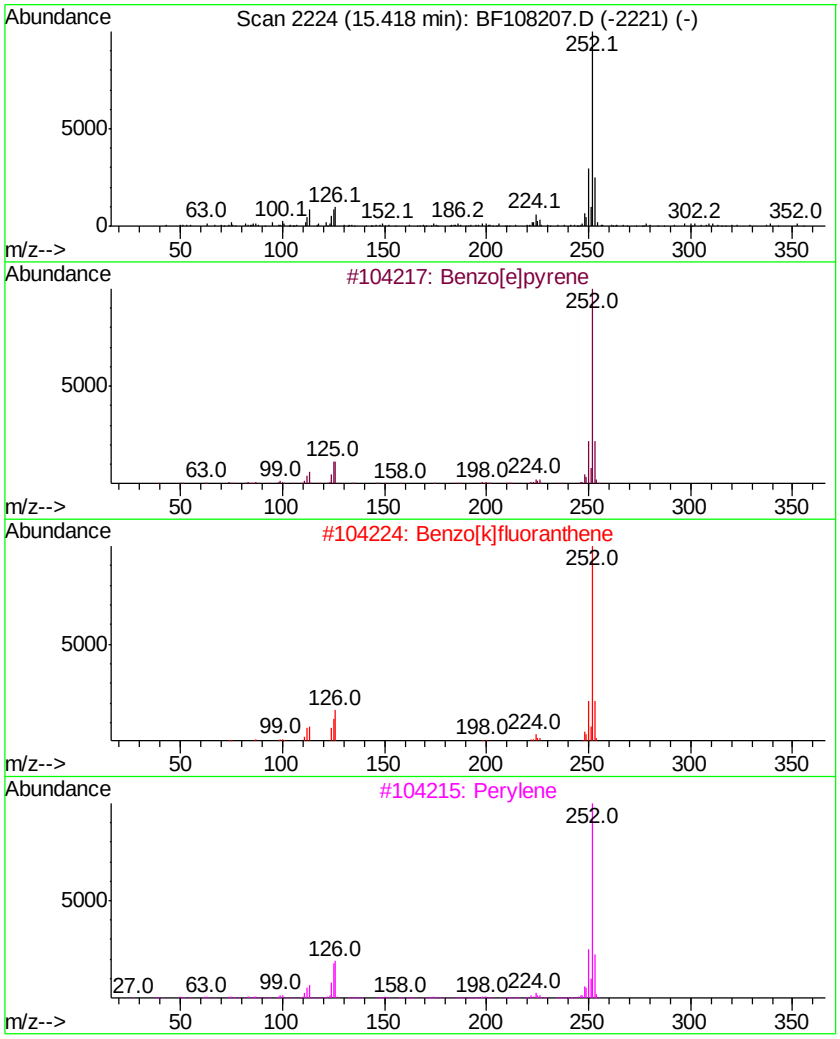
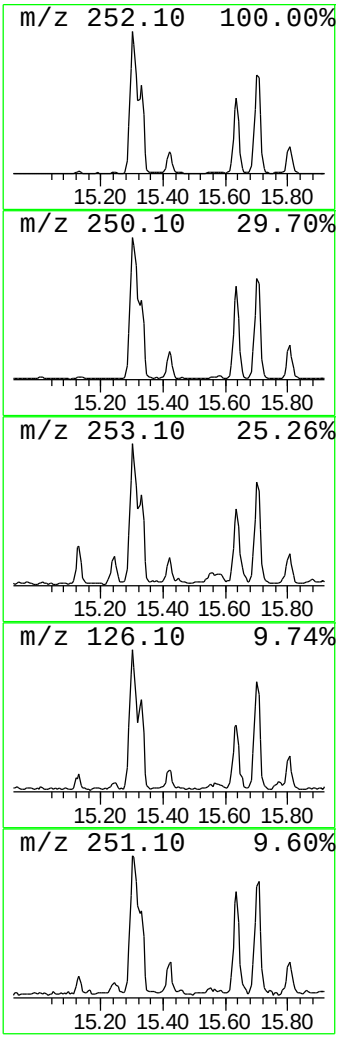
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.35 ng	104856	Perylene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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
unknown6.78	6.78	28.1	ng	1365110	1	7.02	972898	20.0
4H-Cyclopenta[def...	12.17	2.6	ng	151072	4	11.55	1145610	20.0
Cyclopenta[cd]pyrene	14.01	2.4	ng	241906	5	14.21	2062930	20.0
Benzo[e]pyrene	15.42	2.4	ng	104856	6	15.77	890751	20.0