LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099638.D
Acq On : 19 Oct 2017 00:56
Operator : SJ/JU
Sample : I5935-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101617-A

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-BF092317.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	5.039	499	502	517	rBV	34764	44670	5.88%	0.602%
2	5.451	569	572	588	rBV	277694	303538	39.98%	4.088%
3	6.469	742	745	758	rBV	289557	301125	39.66%	4.056%
4	6.598	764	767	774	rBV	345100	324390	42.72%	4.369%
5	6.827	803	806	818	rVB	632043	506655	66.73%	6.824%
6	6.980	829	832	840	rVB	294258	253076	33.33%	3.409%
7	7.392	899	902	915	rBV	186933	168651	22.21%	2.271%
8	8.110	1020	1024	1027	rBV	773425	618518	81.46%	8.331%
9	8.821	1143	1145	1149	rBB	12191	10418	1.37%	0.140%
10	8.921	1159	1162	1165	rBB	13321	10670	1.41%	0.144%
11	9.180	1202	1206	1209	rBV	400665	308811	40.67%	4.159%
12	9.521	1261	1264	1266	rBV	10722	10271	1.35%	0.138%
13	9.727	1295	1299	1304	rBV	23801	21473	2.83%	0.289%
14	9.862	1318	1322	1326	rBV	689361	564463	74.34%	7.602%
15	9.898	1326	1328	1331	rVB	10809	8851	1.17%	0.119%
16	10.280	1385	1393	1397	rBV3	5625	9678	1.27%	0.130%
17	10.409	1412	1415	1422	rVB2	15637	17427	2.30%	0.235%
18	10.651	1453	1456	1462	rVB	149690	135746	17.88%	1.828%
19	10.956	1503	1508	1510	rBV3	7739	10532	1.39%	0.142%
20	11.351	1571	1575	1577	rBV	682709	548358	72.22%	7.386%
21	11.374	1577	1579	1583	rVB	112091	87087	11.47%	1.173%
22	11.427	1585	1588	1591	rVB	36488	26902	3.54%	0.362%
23	11.680	1627	1631	1638	rBV4	6727	10073	1.33%	0.136%
24	11.851	1656	1660	1663	rBV	35653	33299	4.39%	0.448%
25	11.880	1663	1665	1669	rVV	44815	36446	4.80%	0.491%
26	11.927	1670	1673	1676	rVV	21126	19987	2.63%	0.269%
27	11.962	1676	1679	1682	rVV2	50846	63442	8.36%	0.854%
28	11.986	1682	1683	1688	rVB	27839	20098	2.65%	0.271%
29	12.145	1706	1710	1713	rBV	14931	16123	2.12%	0.217%
30	12.186	1713	1717	1720	rVB5	7321	9001	1.19%	0.121%
31	12.292	1730	1735	1737	rBV2	9570	13839	1.82%	0.186%
32	12.327	1738	1741	1743	rVB	14049	9887	1.30%	0.133%
33	12.351	1743	1745	1749	rBV2	10181	7746	1.02%	0.104%
34	12.398	1750	1753	1756	rBV	34533	34975	4.61%	0.471%

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.439	1756	1760	1762	rVV4	20955	26798	3.53%	0.361%
36	12.498	1766	1770	1772	rBV3	18641	22283	2.93%	0.300%
37	12.562	1778	1781	1785	rBV	204270	192758	25.39%	2.596%
38	12.609	1785	1789	1790	rVV3	8618	11641	1.53%	0.157%
39	12.627	1790	1792	1795	rVV3	12109	11147	1.47%	0.150%
40	12.662	1795	1798	1801	rVV	12544	13567	1.79%	0.183%
41	12.715	1804	1807	1809	rVV2	19010	18840	2.48%	0.254%
42	12.739	1809	1811	1815	rVB4	13767	13524	1.78%	0.182%
43	12.798	1815	1821	1827	rBV	230921	268049	35.30%	3.610%
44	12.845	1827	1829	1833	rVB3	19017	19424	2.56%	0.262%
45	12.927	1840	1843	1847	rBV	369733	308036	40.57%	4.149%
46	13.015	1853	1858	1862	rBV4	29505	52792	6.95%	0.711%
47	13.121	1869	1876	1882	rBV	50460	87117	11.47%	1.173%
48	13.186	1885	1887	1890	rVV	34229	30731	4.05%	0.414%
49	13.227	1890	1894	1898	rVV2	43533	52699	6.94%	0.710%
50	13.286	1902	1904	1907	rBV4	8630	8766	1.15%	0.118%
51	13.321	1907	1910	1912	rBV	32568	28738	3.78%	0.387%
52	13.350	1912	1915	1919	rBV	33951	32101	4.23%	0.432%
53	13.521	1942	1944	1946	rBV3	12074	11016	1.45%	0.148%
54	13.603	1956	1958	1961	rBV3	14019	20294	2.67%	0.273%
55	13.639	1961	1964	1966	rVB2	24467	26305	3.46%	0.354%
56	13.745	1977	1982	1984	rBV2	36086	50276	6.62%	0.677%
57	13.768	1984	1986	1989	rVB	24244	18509	2.44%	0.249%
58	13.797	1989	1991	1992	rBV	20345	17450	2.30%	0.235%
59	13.992	2019	2024	2027	rBV2	681139	759264	100.00%	10.226%
60	14.021	2027	2029	2032	rVB	114101	91152	12.01%	1.228%
61	14.103	2041	2043	2044	rBV	19497	14160	1.86%	0.191%
62	15.033	2198	2201	2204	rBV	78076	105570	13.90%	1.422%
63	15.339	2250	2253	2257	rVB	54308	57797	7.61%	0.778%
64	15.403	2261	2264	2267	rVB	68295	78634	10.36%	1.059%
65	15.462	2270	2274	2278	rVB	351245	409042	53.87%	5.509%

Sum of corrected areas: 7424706

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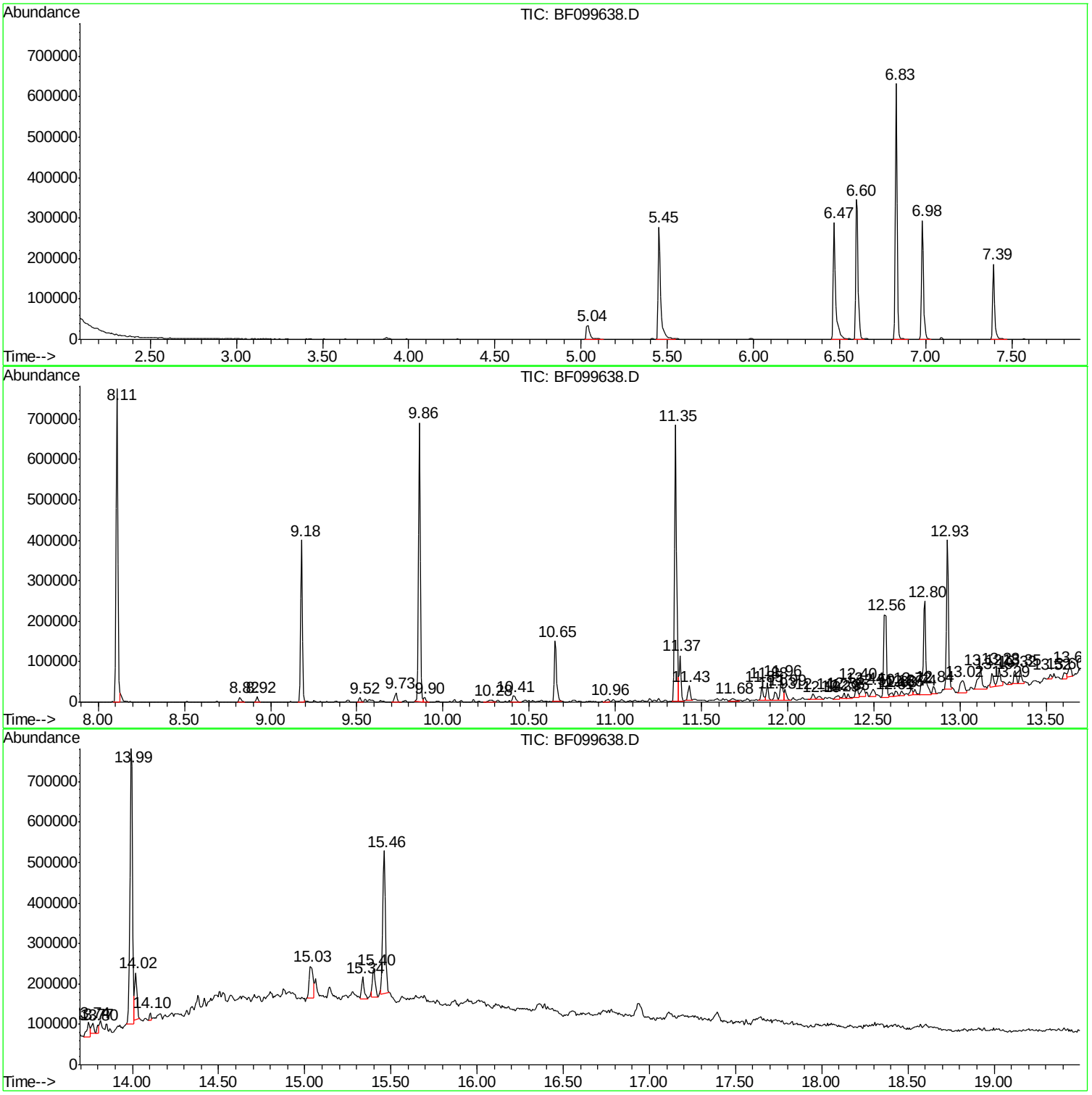
Instrument :
BNA_F
ClientSampleId :
CL-02-101617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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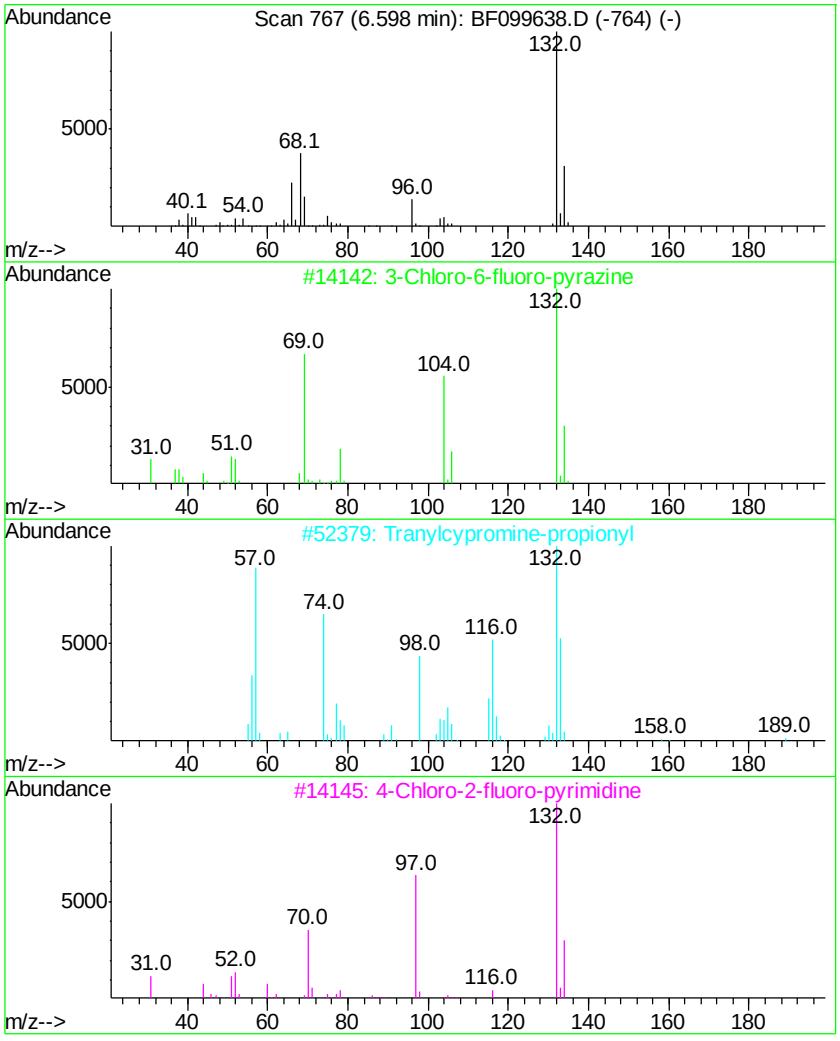
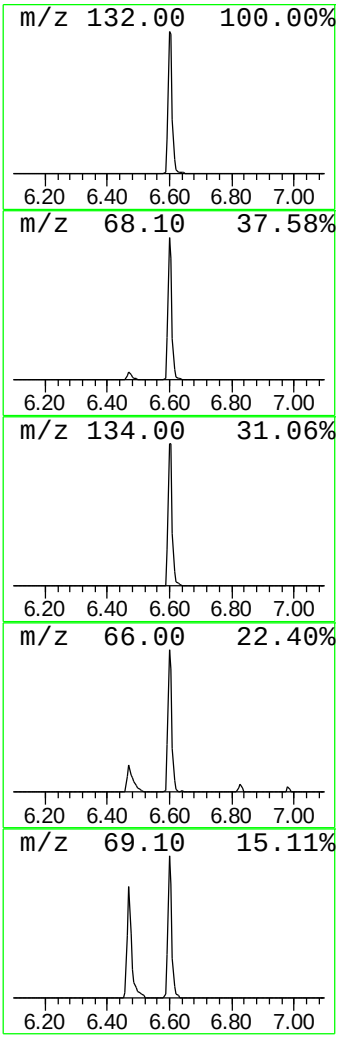
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	12.81 ng	324390	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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ClientSampleId : CL-02-101617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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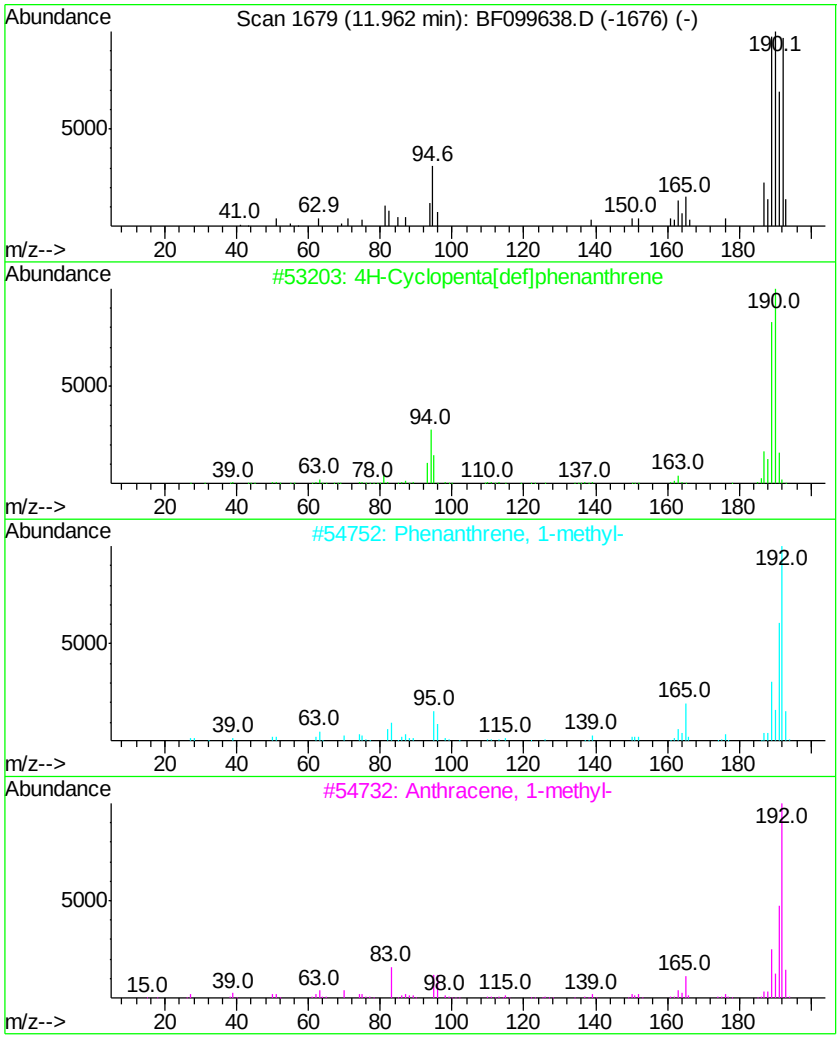
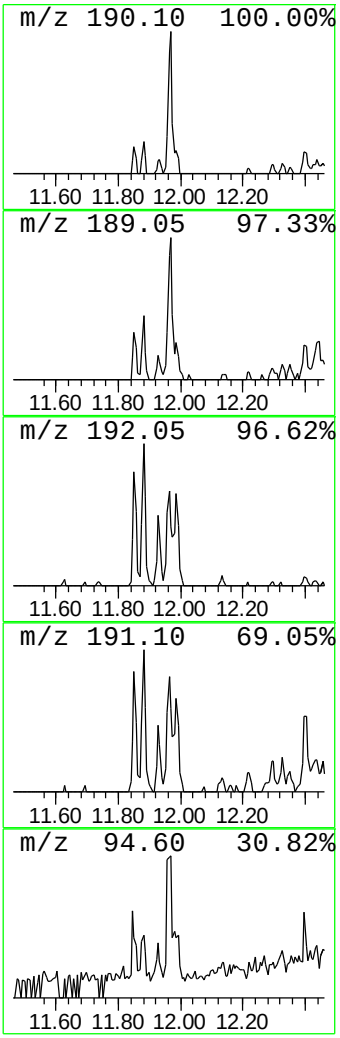
Peak Number 3 unknown11.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.31 ng	63442	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Methyl diselenide	190	C2H6Se2	007101-31-7	30





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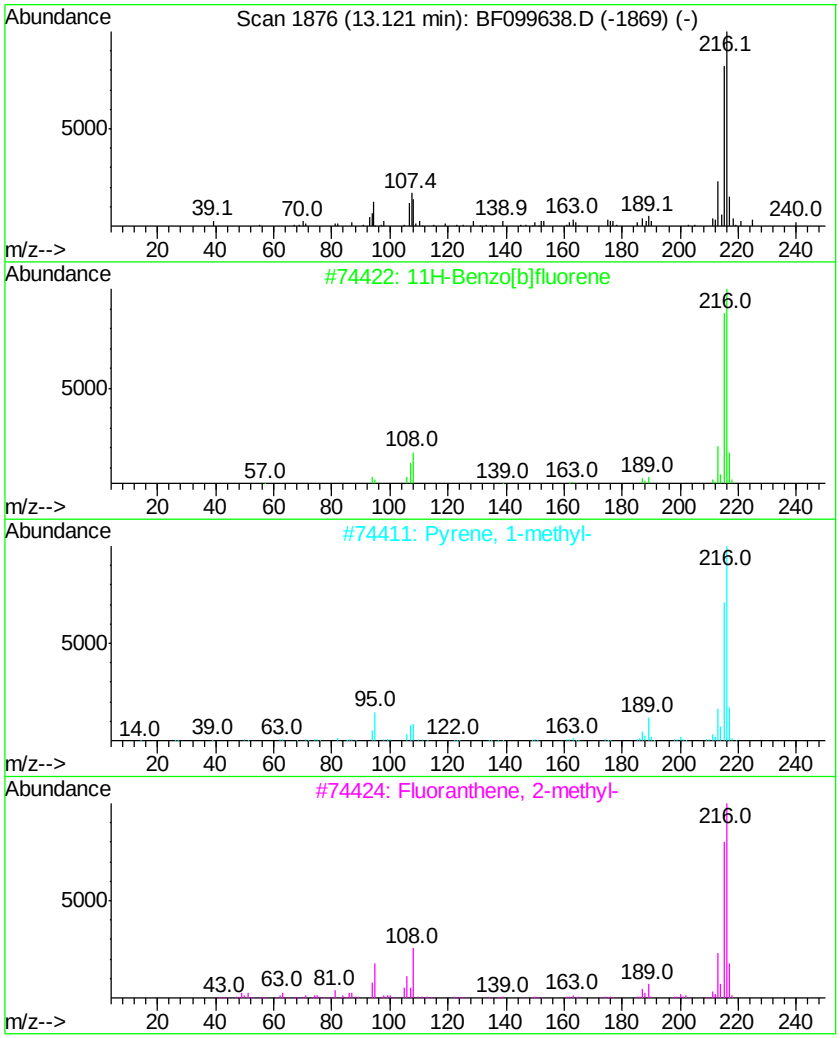
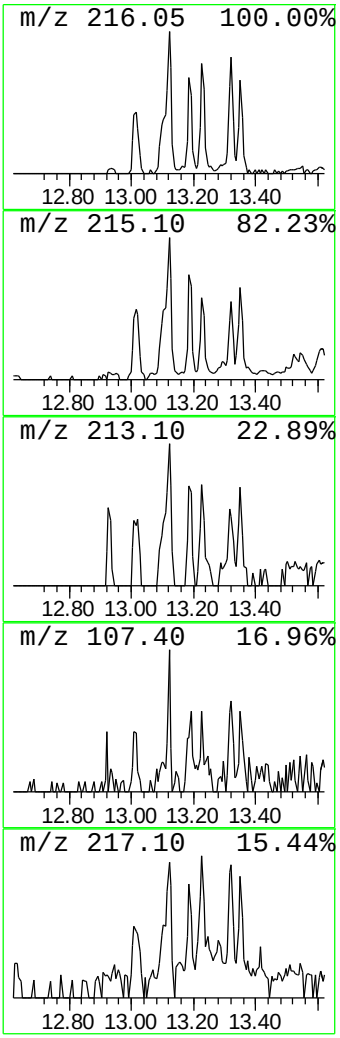
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.29 ng	87117	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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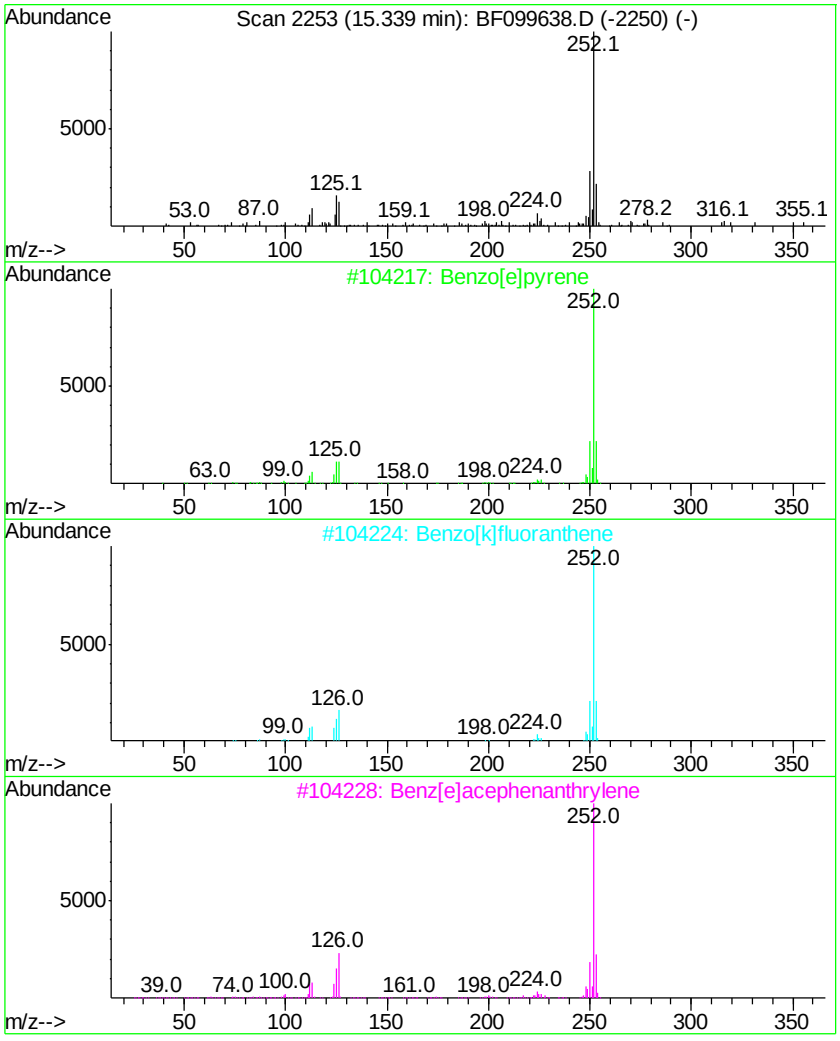
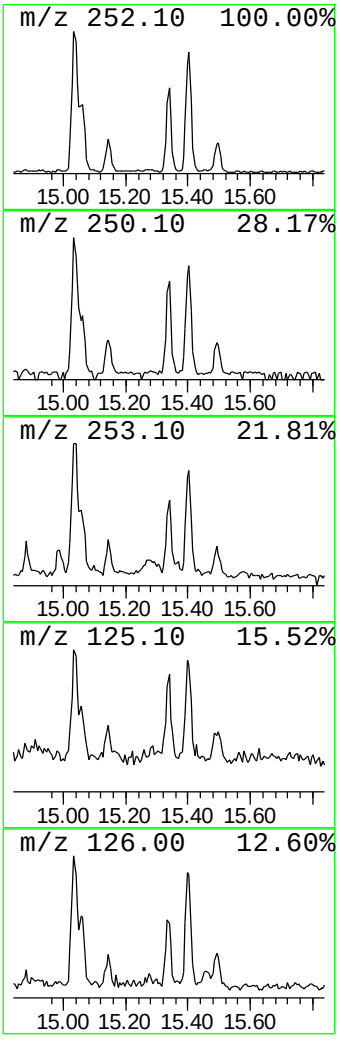
Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.83 ng	57797	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
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	90





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
unknown6.60	6.60	12.8	ng	324390	1	6.83	506655	20.0
unknown11.96	11.96	2.3	ng	63442	4	11.35	548358	20.0
11H-Benzo[b]fluorene	13.12	2.3	ng	87117	5	14.00	759264	20.0
Benzo[e]pyrene	15.34	2.8	ng	57797	6	15.46	409042	20.0