LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108703.D
Acq On : 31 Aug 2018 21:38
Operator : JU/SJ
Sample : J4712-06 4X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

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-BF083018.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	5.731	565	577	579	rBV4	4682	14403	1.28%	0.145%
2	6.707	732	743	745	rBV5	16186	51213	4.56%	0.517%
3	6.790	753	757	780	rVB3	32360	122089	10.87%	1.232%
4	7.007	789	794	814	rBV	126114	341377	30.39%	3.444%
5	7.154	816	819	830	rVV	72068	123195	10.97%	1.243%
6	7.607	888	896	900	rBV3	14244	42683	3.80%	0.431%
7	8.284	1007	1011	1036	rBV	220405	450589	40.12%	4.545%
8	9.354	1189	1193	1201	rBV	103522	177677	15.82%	1.792%
9	9.742	1253	1259	1264	rBV3	16047	28196	2.51%	0.284%
10	9.907	1282	1287	1291	rBV	62598	86222	7.68%	0.870%
11	9.942	1291	1293	1299	rVB	17065	18774	1.67%	0.189%
12	10.042	1306	1310	1322	rBV	359503	465488	41.44%	4.695%
13	10.842	1441	1446	1456	rBV3	51418	107923	9.61%	1.089%
14	10.925	1456	1460	1463	rVB2	9045	14790	1.32%	0.149%
15	11.542	1561	1565	1575	rBV2	342661	610482	54.35%	6.158%
16	11.625	1575	1579	1586	rVB2	50187	95509	8.50%	0.963%
17	11.795	1601	1608	1612	rBV7	10116	16938	1.51%	0.171%
18	12.042	1647	1650	1653	rBV	16037	22736	2.02%	0.229%
19	12.077	1653	1656	1661	rVV	24187	38991	3.47%	0.393%
20	12.124	1661	1664	1666	rVV2	15415	22064	1.96%	0.223%
21	12.160	1666	1670	1685	rVB2	41664	99772	8.88%	1.006%
22	12.342	1696	1701	1705	rBV2	17130	31195	2.78%	0.315%
23	12.589	1740	1743	1747	rBV	34051	44328	3.95%	0.447%
24	12.689	1757	1760	1768	rVB3	26458	44536	3.96%	0.449%
25	12.760	1768	1772	1781	rBV	459952	607040	54.04%	6.123%
26	12.860	1786	1789	1794	rVB	28676	37449	3.33%	0.378%
27	12.913	1795	1798	1805	rVB2	19060	37611	3.35%	0.379%
28	12.995	1805	1812	1817	rBV	462164	674984	60.09%	6.809%
29	13.119	1830	1833	1840	rBV	254674	320582	28.54%	3.234%
30	13.207	1844	1848	1854	rVB2	43265	80954	7.21%	0.817%
31	13.319	1864	1867	1872	rVB	73091	97359	8.67%	0.982%
32	13.389	1875	1879	1882	rBV2	57137	76237	6.79%	0.769%
33	13.424	1882	1885	1892	rVB2	57057	94378	8.40%	0.952%
34	13.519	1898	1901	1904	rBV	35017	36632	3.26%	0.370%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.548	1904	1906	1915	rVB4	37950	69766	6.21%	0.704%
36	13.836	1952	1955	1959	rVB2	30163	40168	3.58%	0.405%
37	13.948	1971	1974	1976	rBV	58430	73521	6.55%	0.742%
38	13.995	1980	1982	1989	rVV3	41286	68258	6.08%	0.689%
39	14.195	2011	2016	2019	rBV2	708477	1123231	100.00%	11.330%
40	14.224	2019	2021	2032	rVV	370626	441452	39.30%	4.453%
41	14.307	2032	2035	2040	rVB2	36608	47317	4.21%	0.477%
42	14.583	2080	2082	2085	rVB	55485	50564	4.50%	0.510%
43	15.289	2197	2202	2213	rBV	404535	998346	88.88%	10.071%
44	15.407	2218	2222	2234	rVB	99818	185486	16.51%	1.871%
45	15.618	2254	2258	2265	rBV	177828	273068	24.31%	2.754%
46	15.689	2266	2270	2277	rBV	310365	479200	42.66%	4.834%
47	15.760	2277	2282	2285	rBV	212393	339249	30.20%	3.422%
48	17.377	2551	2557	2568	rVB2	139384	340454	30.31%	3.434%
49	17.871	2636	2641	2654	rVB	91293	249065	22.17%	2.512%

Sum of corrected areas: 9913541

LSC Report - Integrated Chromatogram

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Misc :
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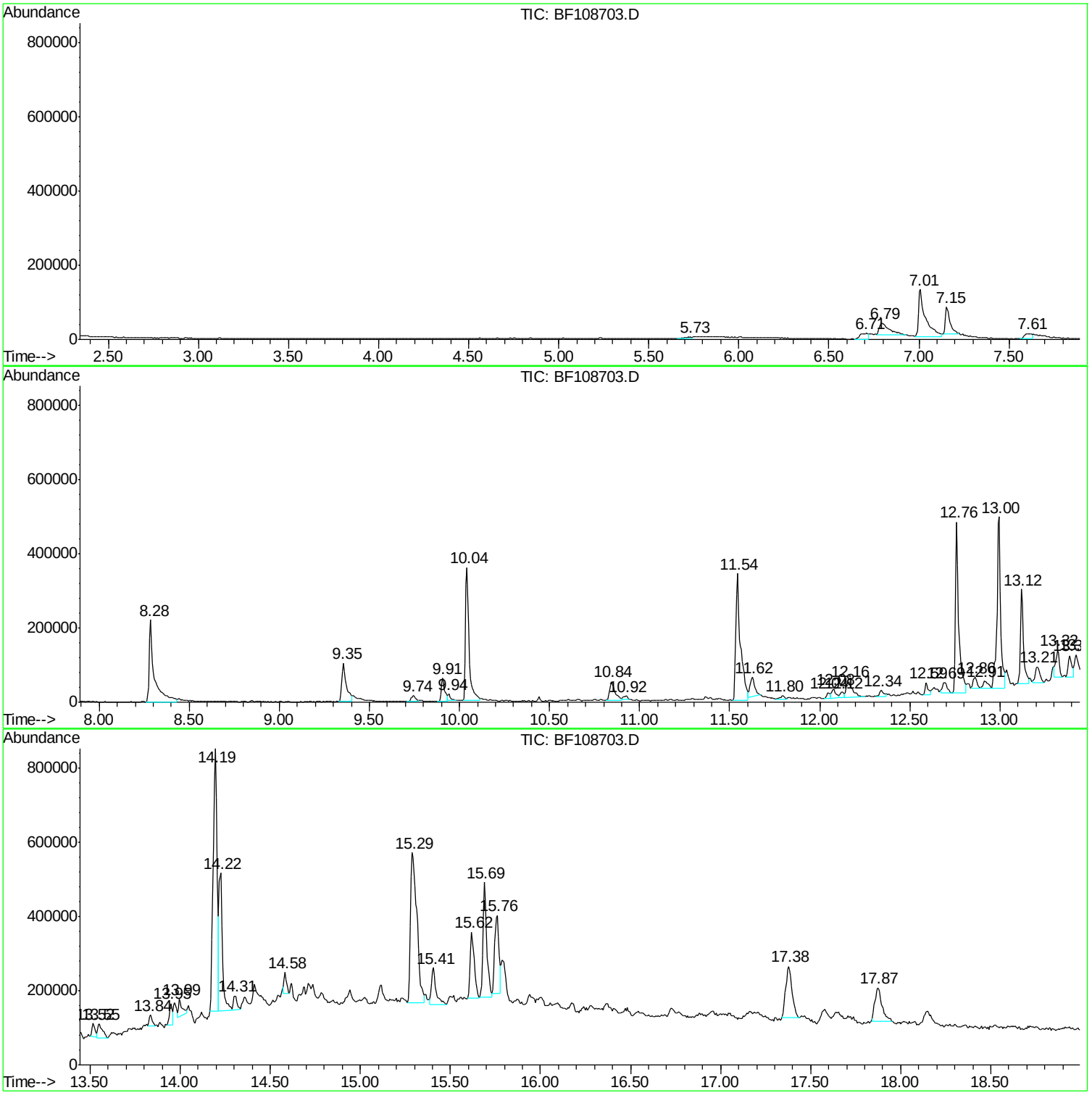
Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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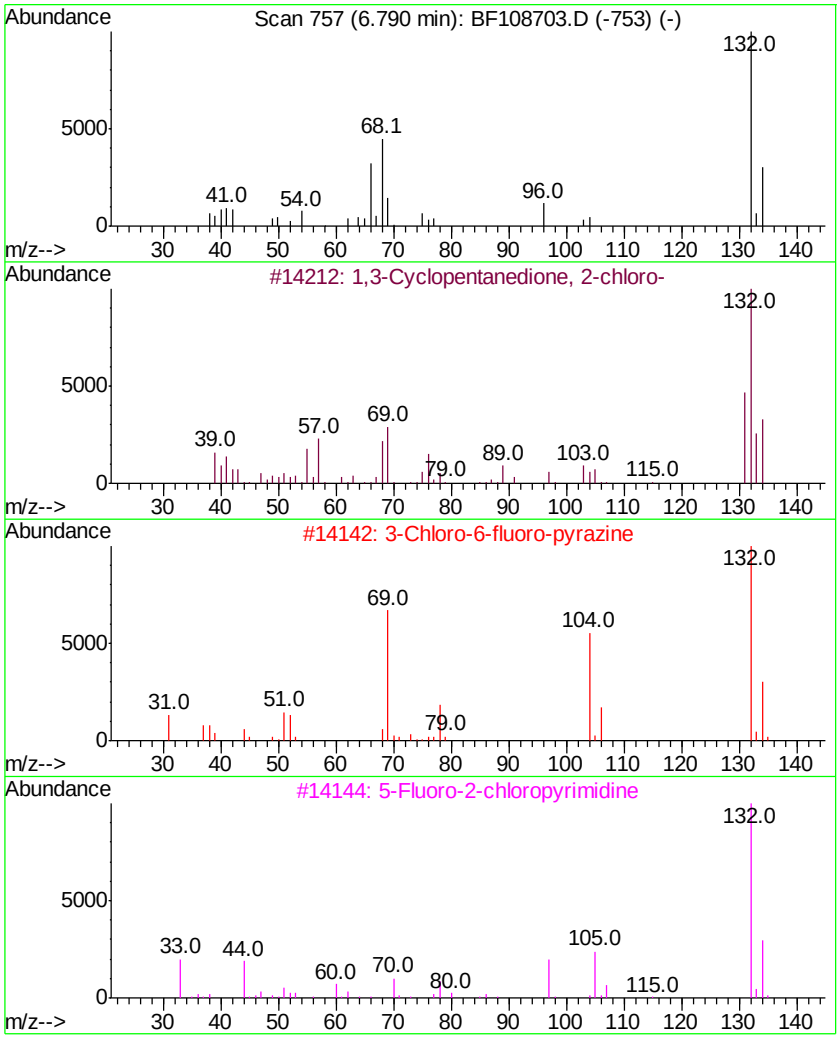
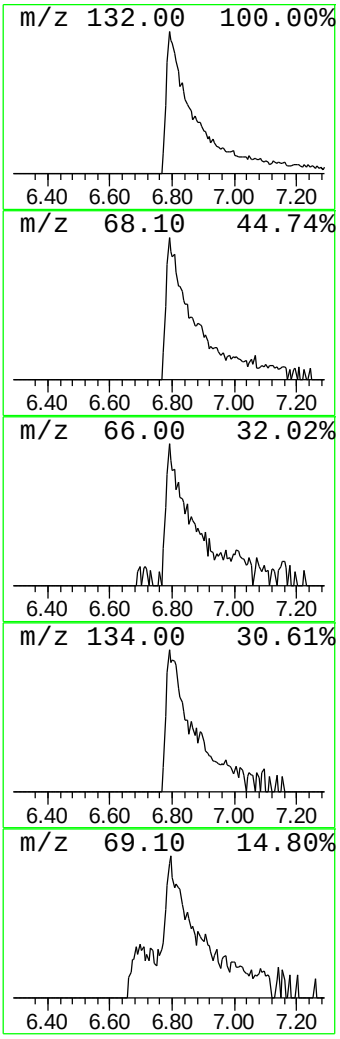
Peak Number 1 unknown6.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	7.15 ng	122089	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Xenon	132	Xe	007440-63-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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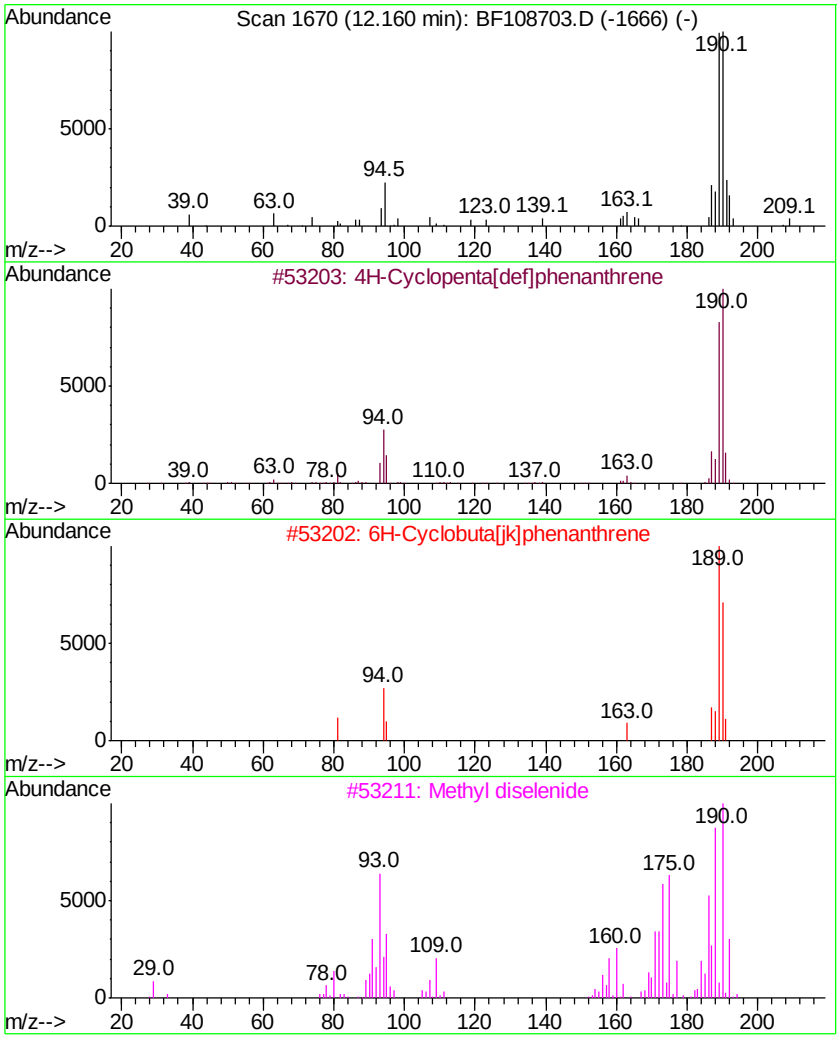
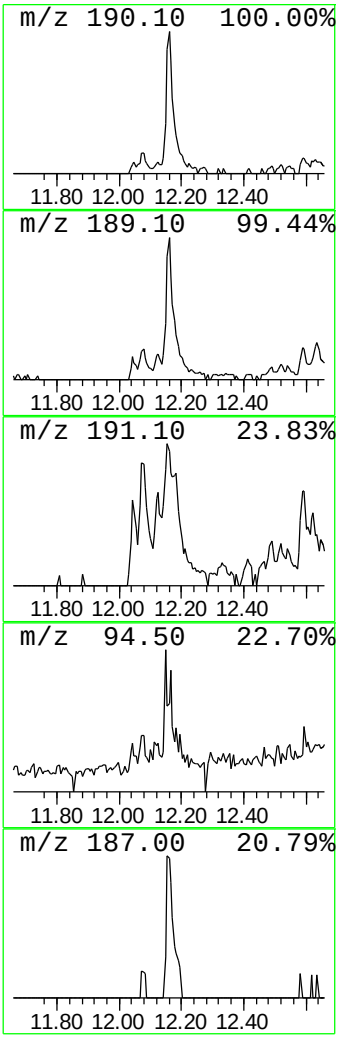
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.27 ng	99772	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

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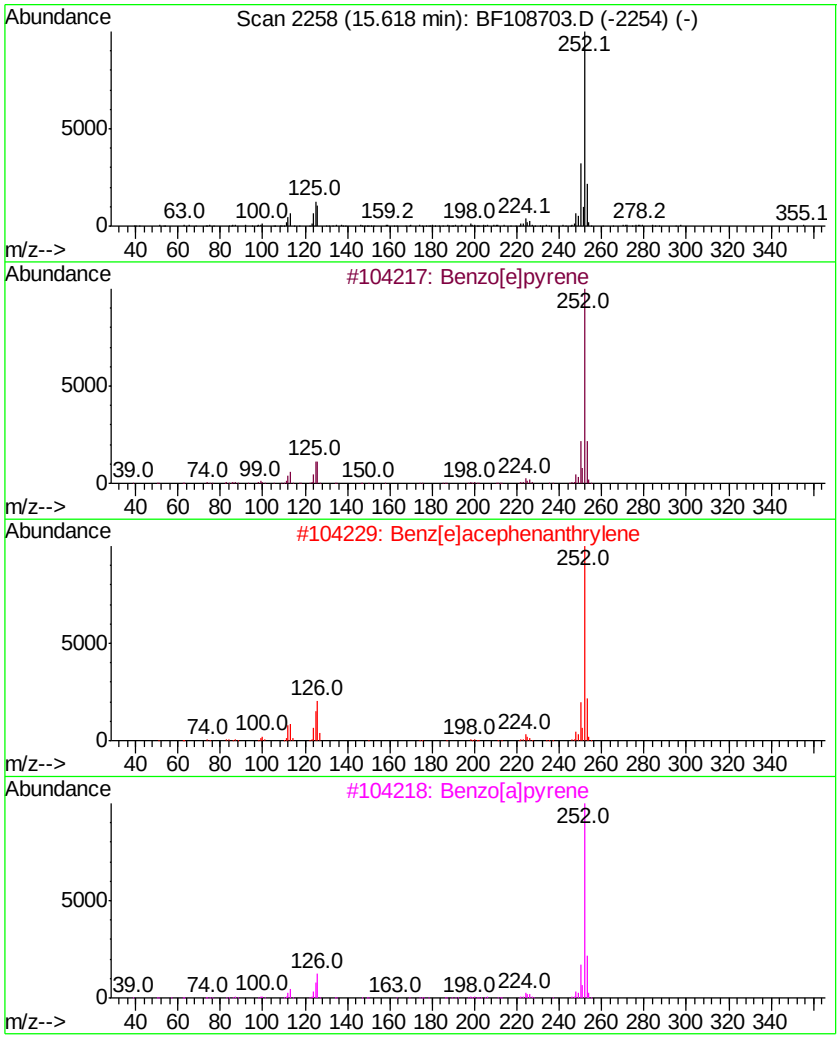
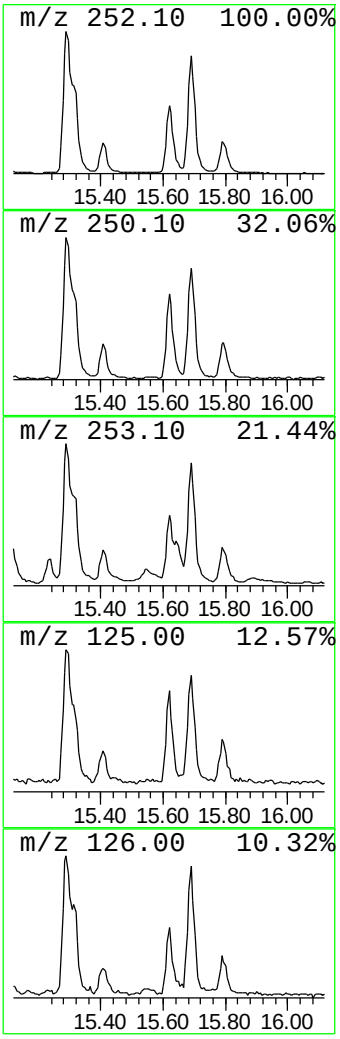
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	16.10 ng	273068	Perylene-d12	15.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.79	6.79	7.2	ng	122089	1	7.01	341377	20.0
4H-Cyclopenta[def...	12.16	3.3	ng	99772	4	11.54	610482	20.0
Benzo[e]pyrene	15.62	16.1	ng	273068	6	15.76	339249	20.0