LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113094.D
Acq On : 18 Mar 2019 17:00
Operator : JU/SJ
Sample : K1901-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0.5-1.5)

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-BF022719.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	5.339	550	553	571	rBV	454265	516417	36.34%	3.401%
2	6.369	725	728	747	rBV	500206	609833	42.91%	4.016%
3	6.498	747	750	758	rVV	705699	605711	42.62%	3.989%
4	6.728	785	789	799	rBV	1094095	933333	65.67%	6.146%
5	6.881	812	815	825	rBV	559721	497807	35.03%	3.278%
6	7.286	880	884	896	rBV	309438	362287	25.49%	2.386%
7	8.010	1003	1007	1014	rBV	1172672	1105007	77.75%	7.277%
8	9.080	1186	1189	1201	rBV	548547	692242	48.71%	4.559%
9	9.474	1253	1256	1263	rBV	42114	58861	4.14%	0.388%
10	9.622	1279	1281	1285	rBV2	13493	18625	1.31%	0.123%
11	9.674	1288	1290	1293	rVB2	21966	18143	1.28%	0.119%
12	9.757	1300	1304	1317	rBV	1270623	1329306	93.53%	8.754%
13	10.169	1371	1374	1377	rBV3	22781	20067	1.41%	0.132%
14	10.304	1394	1397	1402	rVB3	15507	19448	1.37%	0.128%
15	10.545	1434	1438	1450	rBV	329138	406806	28.62%	2.679%
16	10.674	1457	1460	1467	rBV2	22598	38213	2.69%	0.252%
17	10.980	1509	1512	1514	rBV3	15704	18810	1.32%	0.124%
18	11.045	1520	1523	1527	rBV	30669	32566	2.29%	0.214%
19	11.086	1528	1530	1534	rBV5	18124	30248	2.13%	0.199%
20	11.239	1552	1556	1558	rBV	1209860	1161204	81.70%	7.647%
21	11.263	1558	1560	1566	rVV	361200	360020	25.33%	2.371%
22	11.310	1566	1568	1572	rVB	63989	64915	4.57%	0.427%
23	11.457	1590	1593	1594	rBV	17632	17865	1.26%	0.118%
24	11.739	1638	1641	1643	rBV	64668	56638	3.99%	0.373%
25	11.768	1643	1646	1652	rVV2	120372	158432	11.15%	1.043%
26	11.851	1657	1660	1662	rBV	54082	64977	4.57%	0.428%
27	12.033	1689	1691	1693	rBV	39824	39260	2.76%	0.259%
28	12.368	1745	1748	1752	rBV	70883	67014	4.72%	0.441%
29	12.445	1757	1761	1765	rBV	663146	571744	40.23%	3.765%
30	12.668	1794	1799	1803	rBV2	505709	572174	40.26%	3.768%
31	12.792	1818	1820	1821	rBV	49378	39545	2.78%	0.260%
32	12.815	1821	1824	1832	rVB	640062	594847	41.85%	3.917%
33	13.104	1870	1873	1881	rBV	79419	113825	8.01%	0.750%
34	13.227	1892	1894	1898	rBV3	53474	54998	3.87%	0.362%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.504	1939	1941	1946	rBV	85146	76040	5.35%	0.501%
36	13.862	1998	2002	2005	rBV2	1183891	1421247	100.00%	9.359%
37	13.892	2005	2007	2009	rVB	298669	237310	16.70%	1.563%
38	14.880	2171	2175	2183	rBV	308938	591314	41.61%	3.894%
39	15.156	2220	2222	2228	rVB	168748	201129	14.15%	1.324%
40	15.215	2229	2232	2237	rBV	226599	287303	20.21%	1.892%
41	15.280	2238	2243	2246	rBV	914365	1120049	78.81%	7.376%

Sum of corrected areas: 15185580

LSC Report - Integrated Chromatogram

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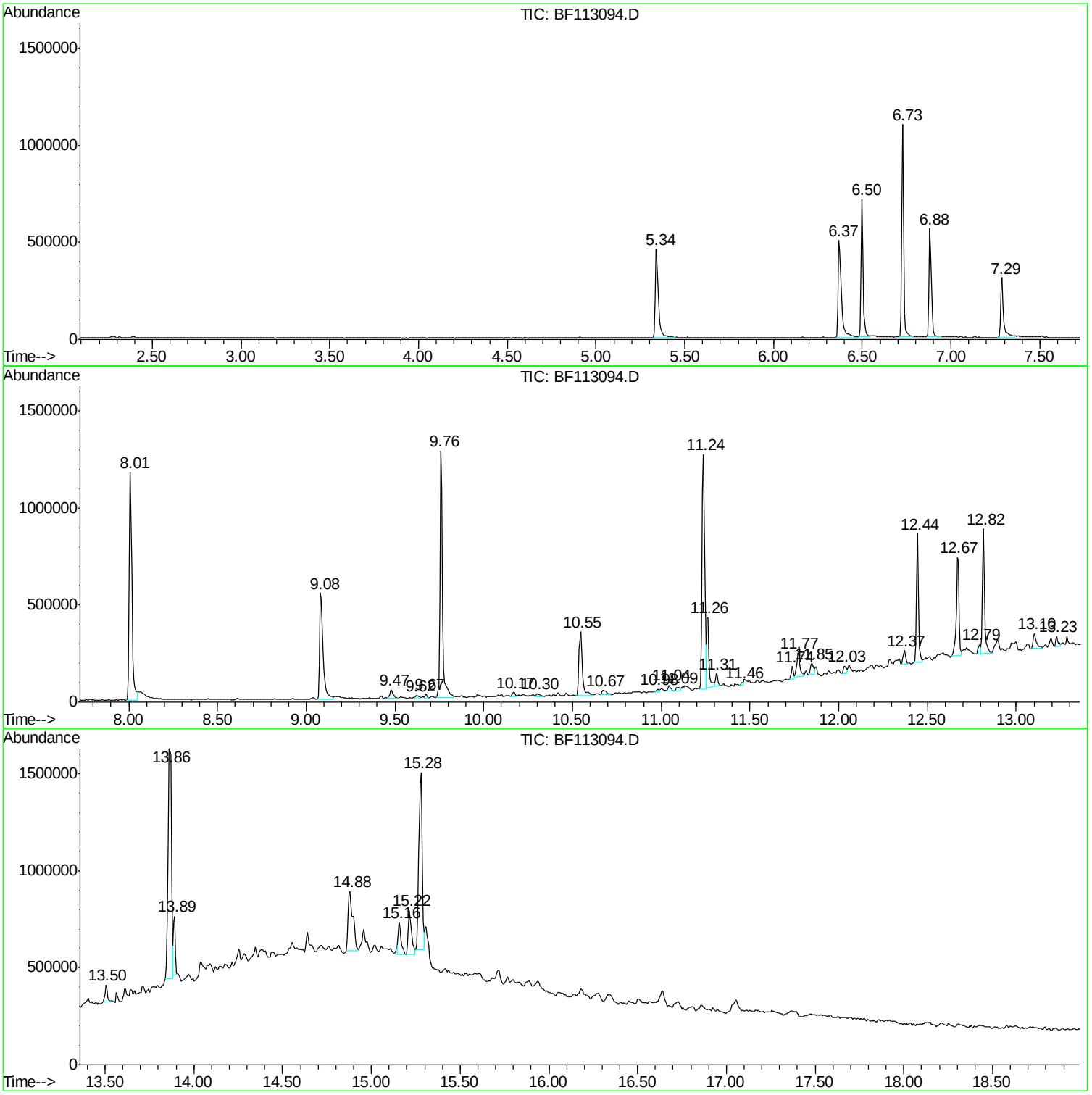
Sample : K1901-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031819\
Data File : BF113094.D
Acq On : 18 Mar 2019 17:00
Operator : JU/SJ
Sample : K1901-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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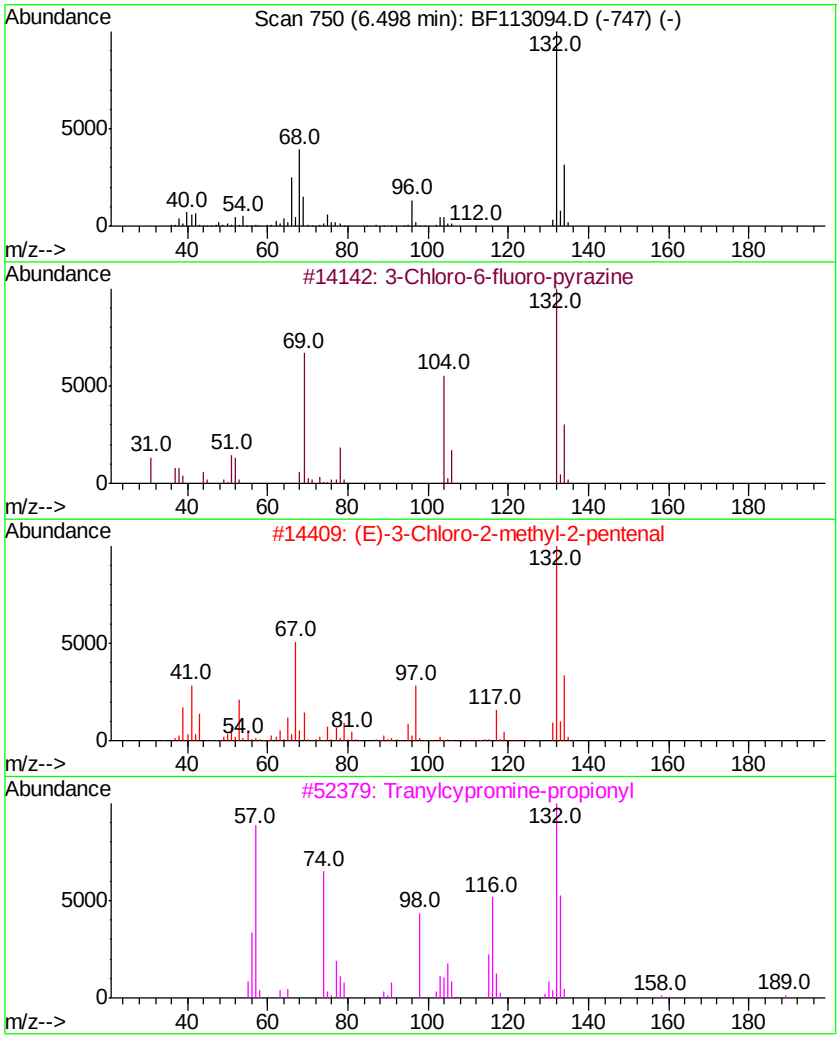
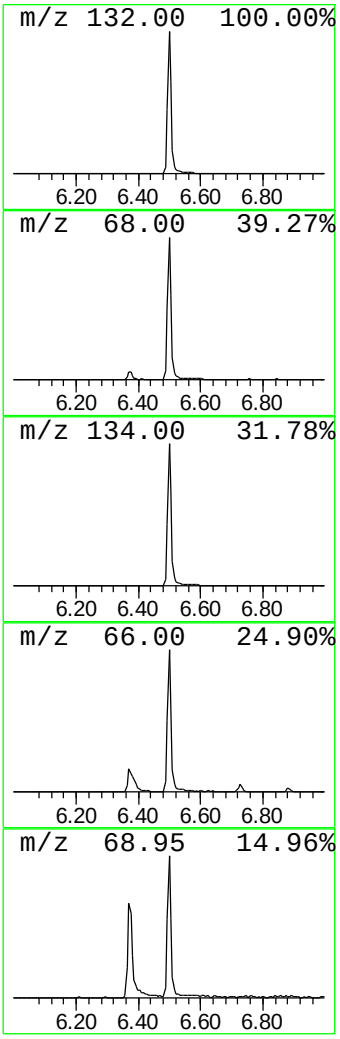
Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	12.98 ng	605711	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Amphetaminil	250	C17H18N2	017590-01-1	12





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Integration Parameters: LSCINT.P

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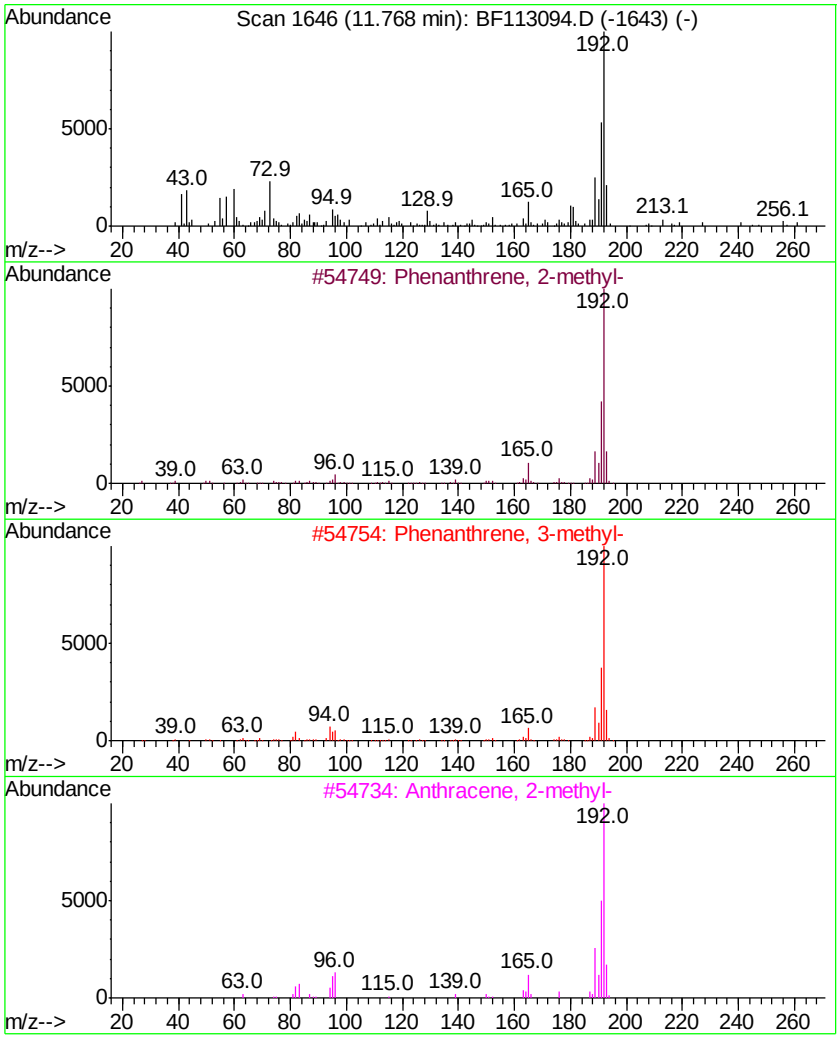
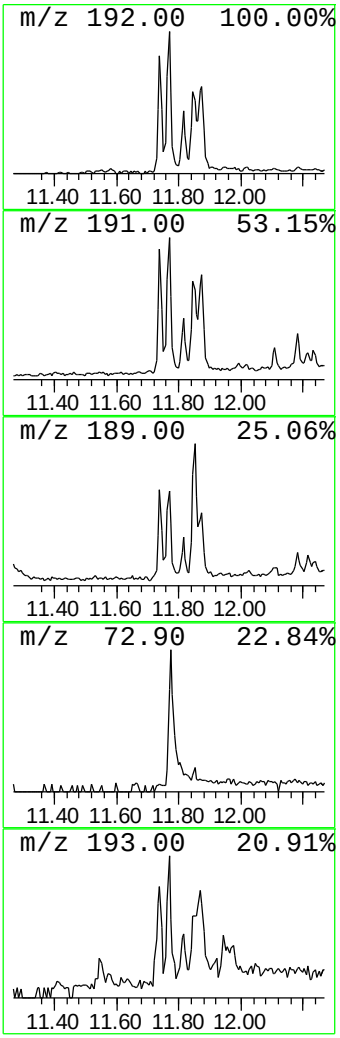
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.73 ng	158432	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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Instrument : BNA_F
ClientSampleId : SB-3(0.5-1.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Integration Parameters: LSCINT.P

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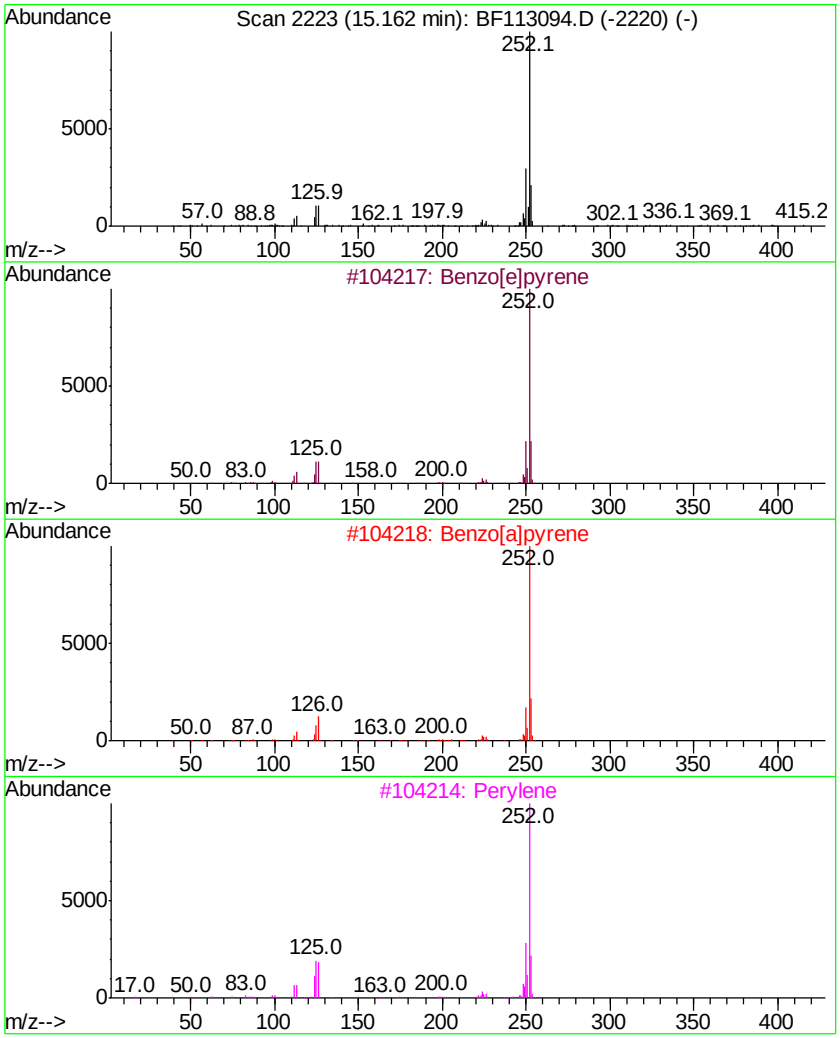
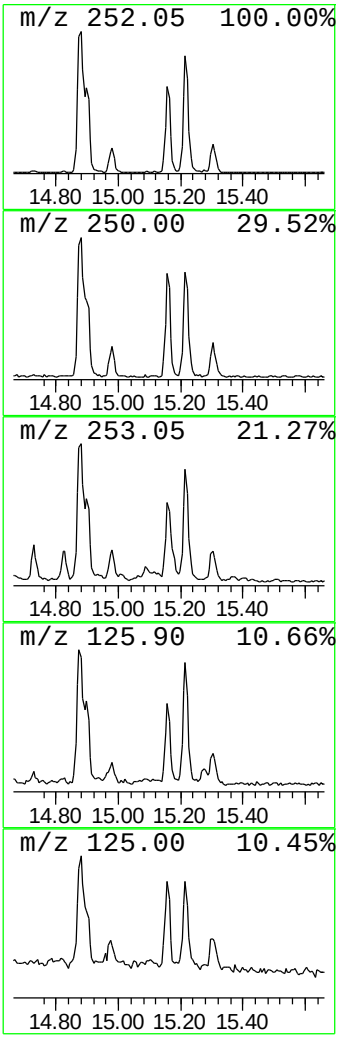
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.59 ng	201129	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	13.0	ng	605711	1	6.73	933333	20.0
Phenanthrene, 2-m...	11.77	2.7	ng	158432	4	11.24	1161200	20.0
Benzo[e]pyrene	15.16	3.6	ng	201129	6	15.28	1120050	20.0