LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101189.D
Acq On : 7 Dec 2017 1:51
Operator : SJ/JU
Sample : I6656-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BART-4-E(4-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.069	503	507	519	rBV	63631	83425	8.85%	0.942%
2	5.463	570	574	587	rBV	781773	810178	85.93%	9.149%
3	6.481	742	747	760	rBV	906406	862904	91.52%	9.745%
4	6.616	766	770	773	rBV	1019675	887252	94.10%	10.020%
5	6.845	806	809	816	rBB	322651	252391	26.77%	2.850%
6	7.004	832	836	839	rBV	866311	706766	74.96%	7.982%
7	7.410	901	905	912	rBV	582583	541442	57.43%	6.115%
8	8.128	1024	1027	1042	rBV	380966	316284	33.55%	3.572%
9	9.204	1206	1210	1213	rBV	1169977	942835	100.00%	10.647%
10	9.598	1273	1277	1284	rBV	75947	68212	7.23%	0.770%
11	9.804	1309	1312	1315	rBV	26575	19880	2.11%	0.225%
12	9.886	1322	1326	1330	rBV	343544	306221	32.48%	3.458%
13	10.304	1394	1397	1400	rVB	30133	22623	2.40%	0.255%
14	10.674	1456	1460	1469	rBV	438710	379837	40.29%	4.290%
15	10.774	1474	1477	1482	rBV	22677	20203	2.14%	0.228%
16	11.374	1575	1579	1581	rBV	307961	259111	27.48%	2.926%
17	11.398	1581	1583	1586	rVB	55505	43539	4.62%	0.492%
18	11.904	1667	1669	1672	rVB	15329	12430	1.32%	0.140%
19	11.986	1680	1683	1685	rBV2	13999	14963	1.59%	0.169%
20	12.427	1754	1758	1760	rBV	17843	16786	1.78%	0.190%
21	12.586	1782	1785	1789	rBV	89673	78529	8.33%	0.887%
22	12.821	1819	1825	1831	rBV	122753	126129	13.38%	1.424%
23	12.957	1844	1848	1851	rBV	796549	636375	67.50%	7.187%
24	13.033	1857	1861	1867	rVB4	14417	22979	2.44%	0.260%
25	13.121	1873	1876	1879	rBV4	14366	20281	2.15%	0.229%
26	13.251	1894	1898	1901	rBV2	27590	25601	2.72%	0.289%
27	13.345	1910	1914	1917	rBV	24801	20584	2.18%	0.232%
28	13.374	1917	1919	1923	rVB	20192	15508	1.64%	0.175%
29	13.657	1964	1967	1972	rVB	18152	18703	1.98%	0.211%
30	13.768	1981	1986	1988	rBV2	13765	16168	1.71%	0.183%
31	13.792	1988	1990	1993	rVV	20862	17493	1.86%	0.198%
32	13.839	1996	1998	2001	rVV3	30941	31042	3.29%	0.351%
33	13.868	2001	2003	2007	rVB	15423	13781	1.46%	0.156%
34	14.015	2022	2028	2031	rBV2	301386	375011	39.77%	4.235%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.045	2031	2033	2041	rVB	110164	95774	10.16%	1.082%
36	14.180	2051	2056	2064	rVB4	7200	14413	1.53%	0.163%
37	14.404	2090	2094	2097	rBV	34847	32471	3.44%	0.367%
38	14.439	2097	2100	2104	rVB	19315	14968	1.59%	0.169%
39	14.486	2104	2108	2109	rBV3	11945	13743	1.46%	0.155%
40	14.533	2113	2116	2118	rBV	16146	16005	1.70%	0.181%
41	14.904	2176	2179	2182	rVB3	8889	11359	1.20%	0.128%
42	15.062	2201	2206	2218	rBV2	71157	148278	15.73%	1.675%
43	15.174	2222	2225	2229	rVB	12026	12778	1.36%	0.144%
44	15.368	2253	2258	2263	rVB	53670	63662	6.75%	0.719%
45	15.433	2263	2269	2273	rBV	63287	79354	8.42%	0.896%
46	15.498	2273	2280	2284	rBV	212037	262268	27.82%	2.962%
47	15.915	2346	2351	2356	rBV3	8737	17047	1.81%	0.193%
48	16.980	2526	2532	2537	rBV	22921	49649	5.27%	0.561%
49	17.427	2603	2608	2617	rVB2	19245	37767	4.01%	0.427%

Sum of corrected areas: 8855002

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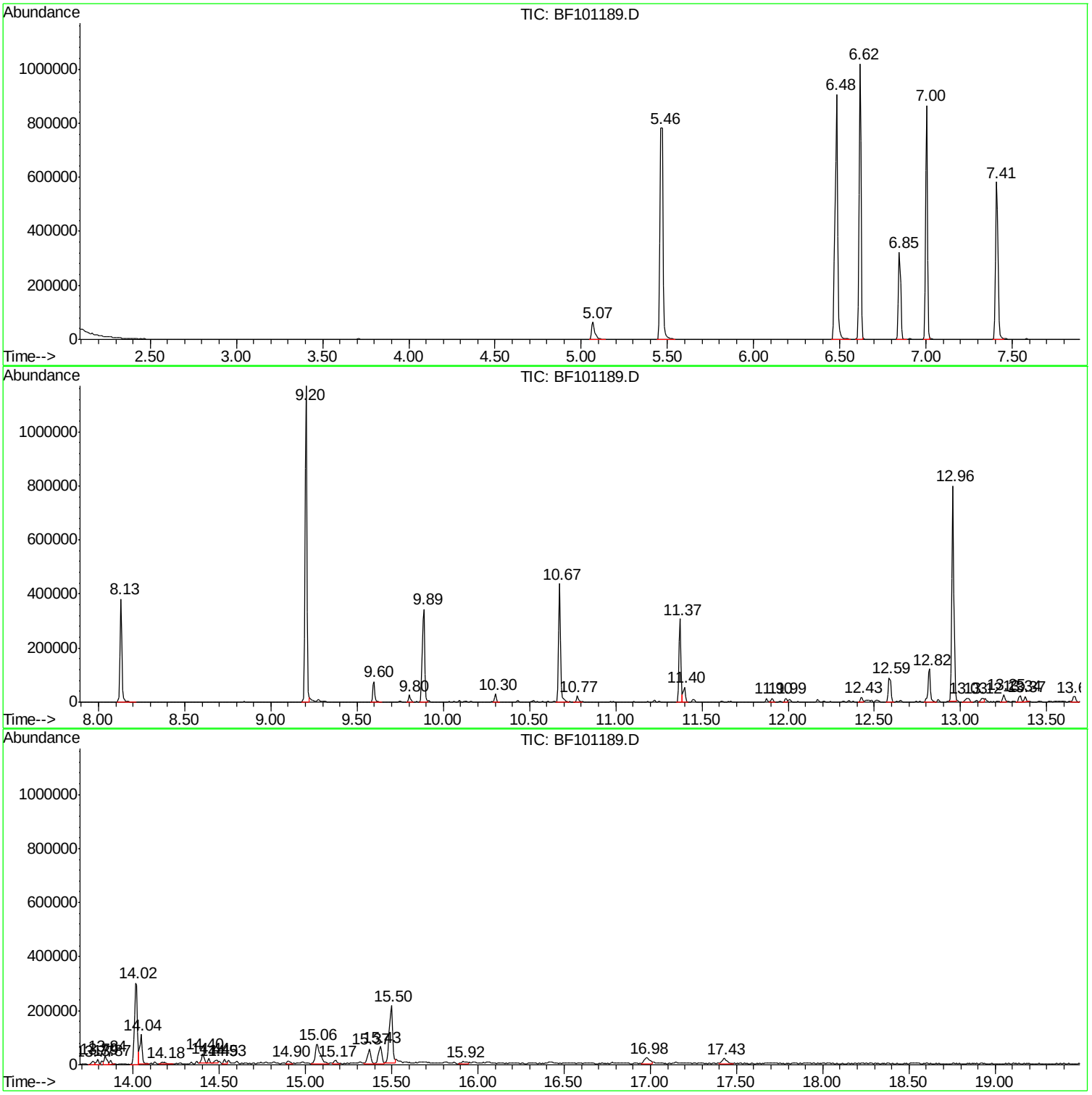
BNA_F
ClientSampleId :
BART-4-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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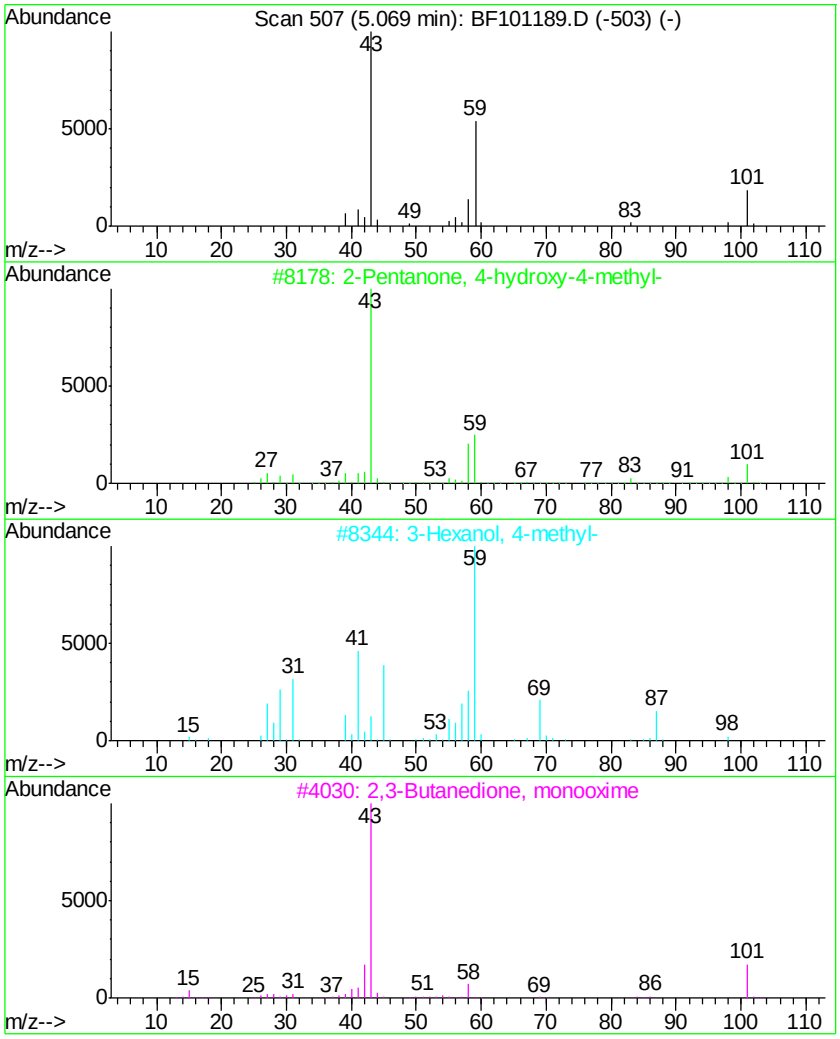
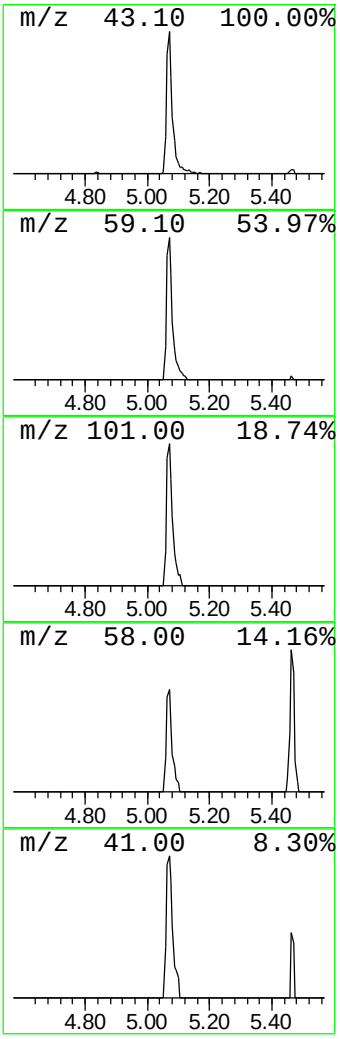
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	6.61 ng	83425	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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ClientSampleId : BART-4-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

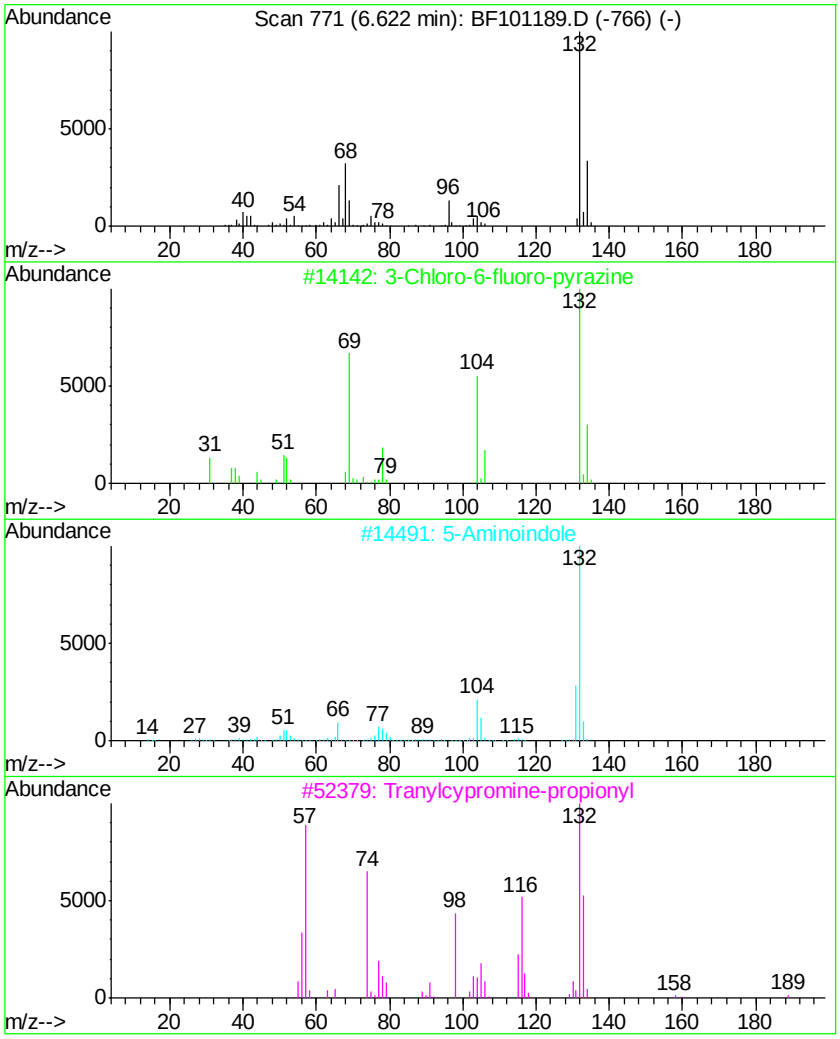
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

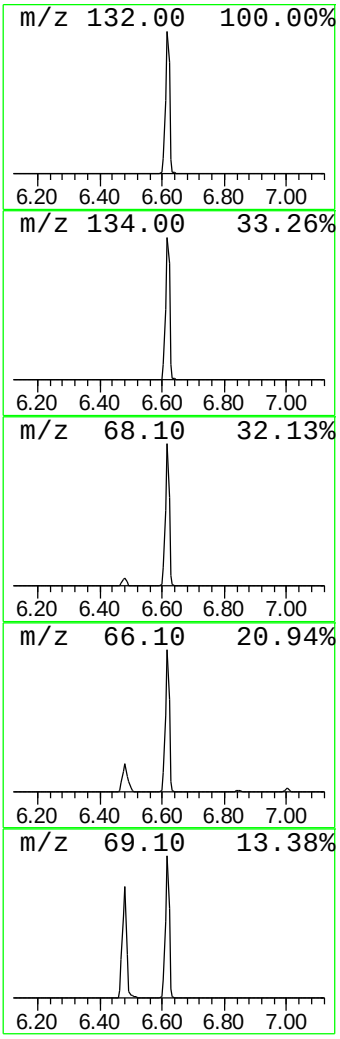
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.31 ng	887252	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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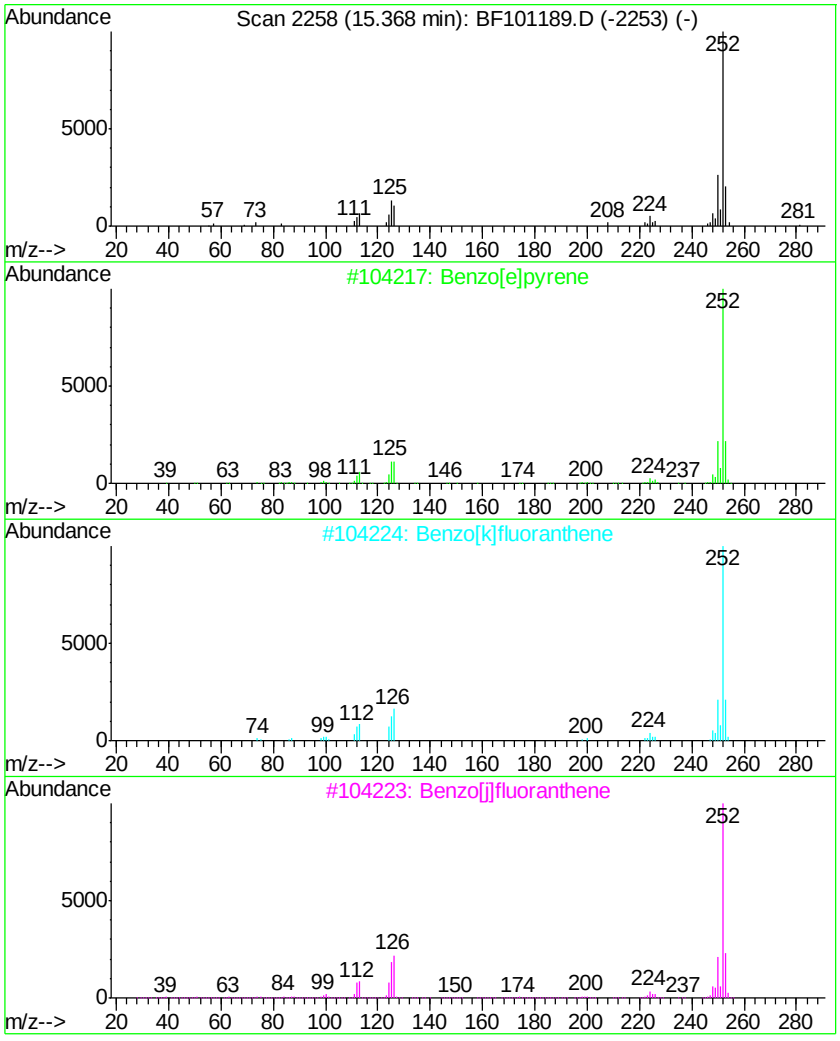
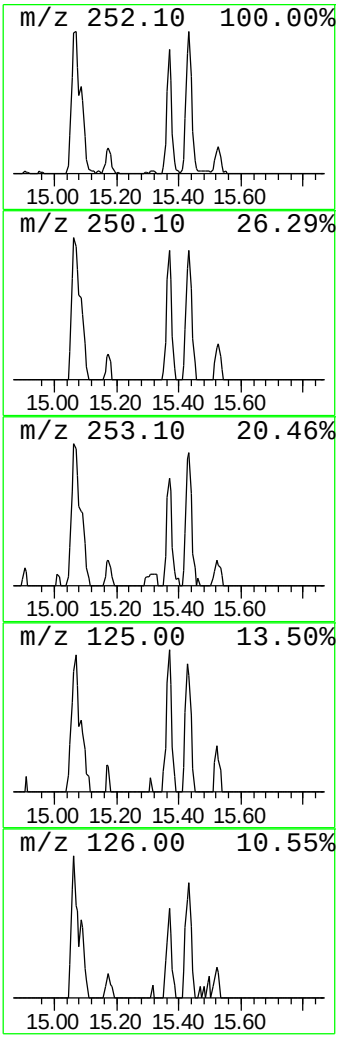
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.85 ng	63662	Perylene-d12	15.50

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	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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...	5.07	6.6	ng	83425	1	6.85	252391	20.0
unknown6.62	6.62	70.3	ng	887252	1	6.85	252391	20.0
Benzo[e]pyrene	15.37	4.8	ng	63662	6	15.50	262268	20.0