LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101665.D
Acq On : 22 Dec 2017 20:36
Operator : SJ/JU
Sample : I7022-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11938

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-BF121417.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	4.993	492	494	503	rBV	34875	60743	5.58%	0.544%
2	5.363	554	557	563	rBV	20248	35886	3.29%	0.321%
3	5.416	563	566	585	rVV	256224	485451	44.57%	4.347%
4	5.622	597	601	607	rVB2	14955	16529	1.52%	0.148%
5	6.434	736	739	758	rBV	286245	554927	50.95%	4.969%
6	6.563	758	761	767	rVV	525282	567252	52.08%	5.079%
7	6.604	767	768	773	rVB	22959	17729	1.63%	0.159%
8	6.787	796	799	817	rBV	901592	844715	77.56%	7.564%
9	6.939	822	825	843	rBV	379123	425328	39.05%	3.808%
10	7.357	893	896	914	rBV	197476	338316	31.06%	3.029%
11	8.069	1013	1017	1035	rBV	1134931	1089121	100.00%	9.752%
12	9.139	1196	1199	1209	rBV	612353	537474	49.35%	4.813%
13	9.210	1209	1211	1215	rVB	15747	14907	1.37%	0.133%
14	9.545	1260	1268	1274	rBV	36513	45942	4.22%	0.411%
15	9.739	1296	1301	1306	rBV	26750	23680	2.17%	0.212%
16	9.822	1312	1315	1320	rBV2	1174113	1055013	96.87%	9.447%
17	10.239	1383	1386	1389	rVB	32785	23095	2.12%	0.207%
18	10.457	1417	1423	1429	rBV3	11094	20569	1.89%	0.184%
19	10.622	1447	1451	1461	rBV	241265	269297	24.73%	2.411%
20	10.710	1464	1466	1470	rVV2	25054	26621	2.44%	0.238%
21	11.157	1540	1542	1545	rVB2	17725	13190	1.21%	0.118%
22	11.316	1565	1569	1571	rBV	1083866	937283	86.06%	8.393%
23	11.339	1571	1573	1577	rVV	134331	125722	11.54%	1.126%
24	11.398	1580	1583	1590	rVB	25375	27237	2.50%	0.244%
25	11.563	1604	1611	1613	rBV3	11984	18344	1.68%	0.164%
26	11.586	1613	1615	1621	rVB2	15833	14877	1.37%	0.133%
27	11.822	1652	1655	1657	rBV	18266	21677	1.99%	0.194%
28	11.851	1657	1660	1665	rVB2	23417	25779	2.37%	0.231%
29	11.933	1671	1674	1676	rBV2	30114	30663	2.82%	0.275%
30	11.957	1676	1678	1682	rVB3	13243	12230	1.12%	0.110%
31	12.116	1701	1705	1707	rBV2	11564	12220	1.12%	0.109%
32	12.369	1745	1748	1752	rBV3	12134	15265	1.40%	0.137%
33	12.469	1764	1765	1771	rVB4	9744	13259	1.22%	0.119%
34	12.533	1772	1776	1781	rBV	233701	215011	19.74%	1.925%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.686	1798	1802	1809	rBV4	13965	25904	2.38%	0.232%
36	12.763	1812	1815	1821	rVV	202366	211421	19.41%	1.893%
37	12.810	1821	1823	1828	rVB3	13605	17338	1.59%	0.155%
38	12.892	1833	1837	1842	rVV	451552	378938	34.79%	3.393%
39	12.974	1848	1851	1856	rVB5	18433	30345	2.79%	0.272%
40	13.027	1856	1860	1863	rBV4	11586	17307	1.59%	0.155%
41	13.074	1863	1868	1869	rBV5	12307	17451	1.60%	0.156%
42	13.092	1869	1871	1877	rVB	38197	41438	3.80%	0.371%
43	13.157	1880	1882	1886	rBV2	30914	48190	4.42%	0.432%
44	13.292	1902	1905	1907	rBV2	13358	15227	1.40%	0.136%
45	13.716	1975	1977	1979	rBV	21465	20146	1.85%	0.180%
46	13.780	1984	1988	1993	rVV4	45160	81838	7.51%	0.733%
47	13.827	1994	1996	1999	rVB2	18142	13403	1.23%	0.120%
48	13.916	2008	2011	2012	rBV	16907	13210	1.21%	0.118%
49	13.963	2014	2019	2022	rVV2	934203	964643	88.57%	8.638%
50	13.986	2022	2023	2028	rVB	114778	106233	9.75%	0.951%
51	14.068	2035	2037	2040	rBV	21546	19162	1.76%	0.172%
52	15.004	2193	2196	2199	rBV	110972	162718	14.94%	1.457%
53	15.304	2244	2247	2254	rVB	71245	88234	8.10%	0.790%
54	15.368	2255	2258	2264	rVV	99417	142967	13.13%	1.280%
55	15.427	2264	2268	2281	rVB	630169	816548	74.97%	7.311%

Sum of corrected areas: 11168013

LSC Report - Integrated Chromatogram

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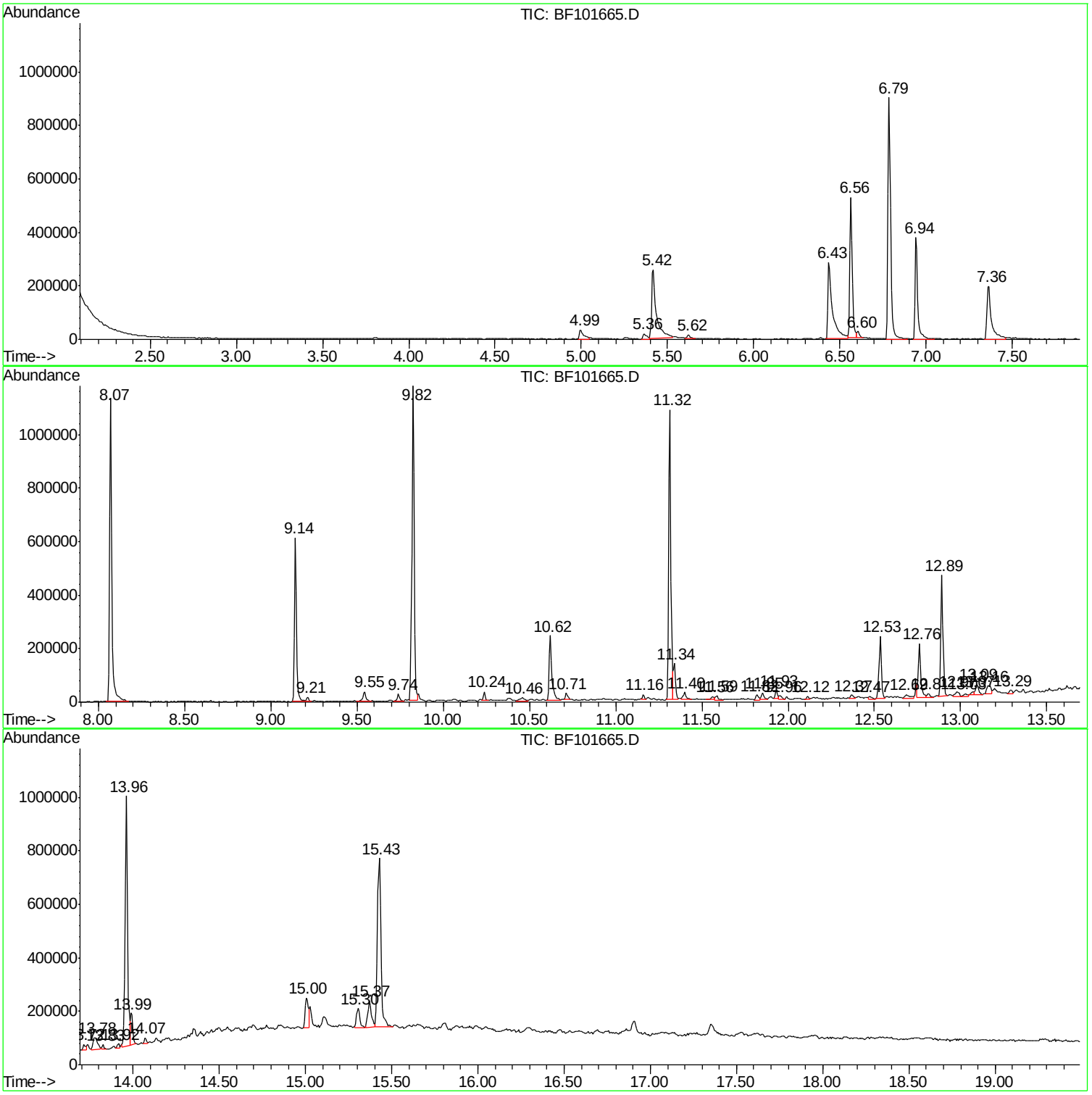
Operator : SJ/JU
Sample : I7022-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101665.D
Acq On : 22 Dec 2017 20:36
Operator : SJ/JU
Sample : I7022-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11938

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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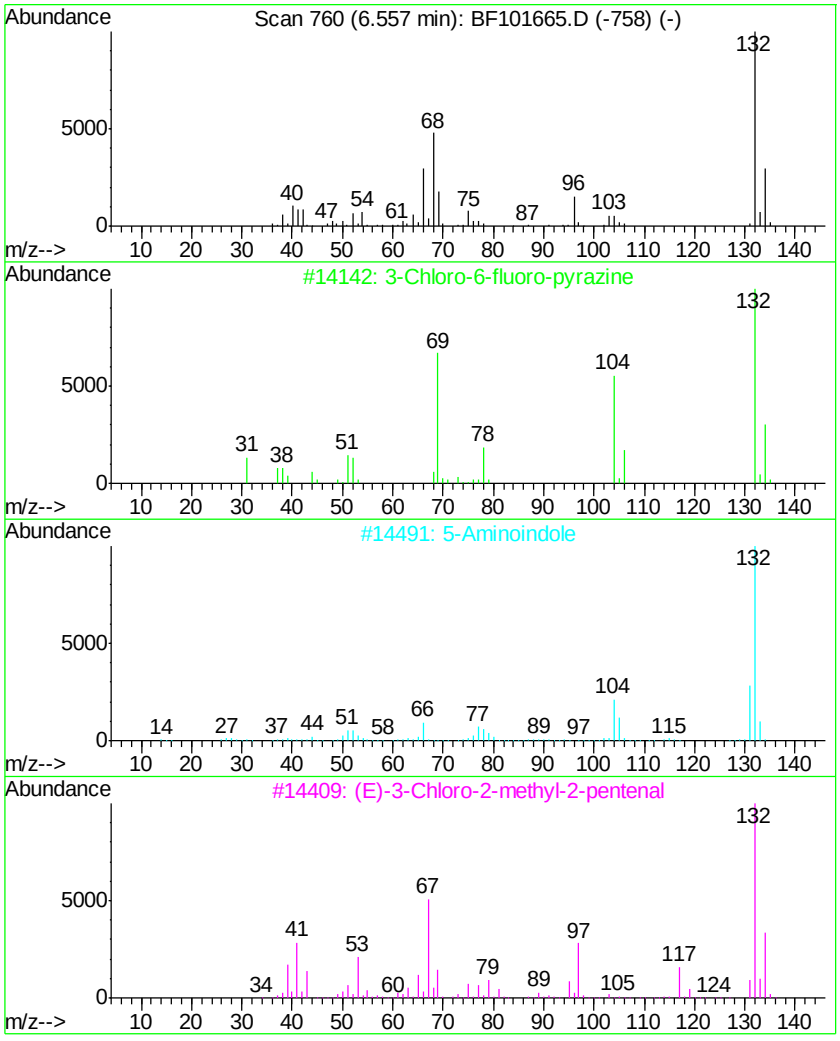
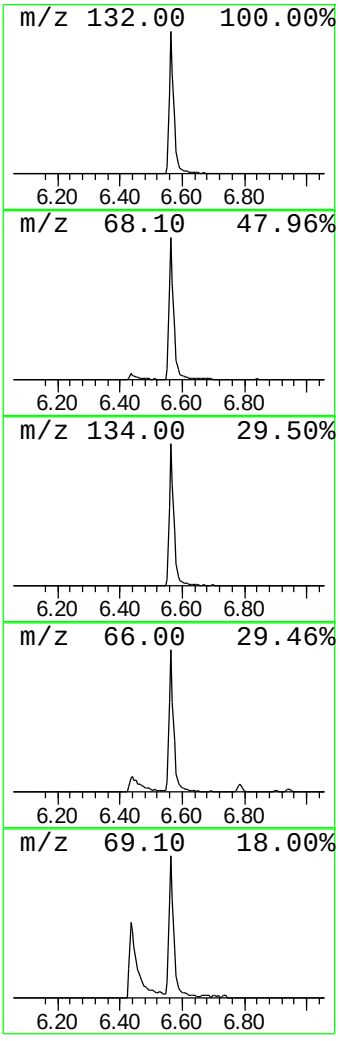
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.43 ng	567252	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/JU
Sample : I7022-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11938

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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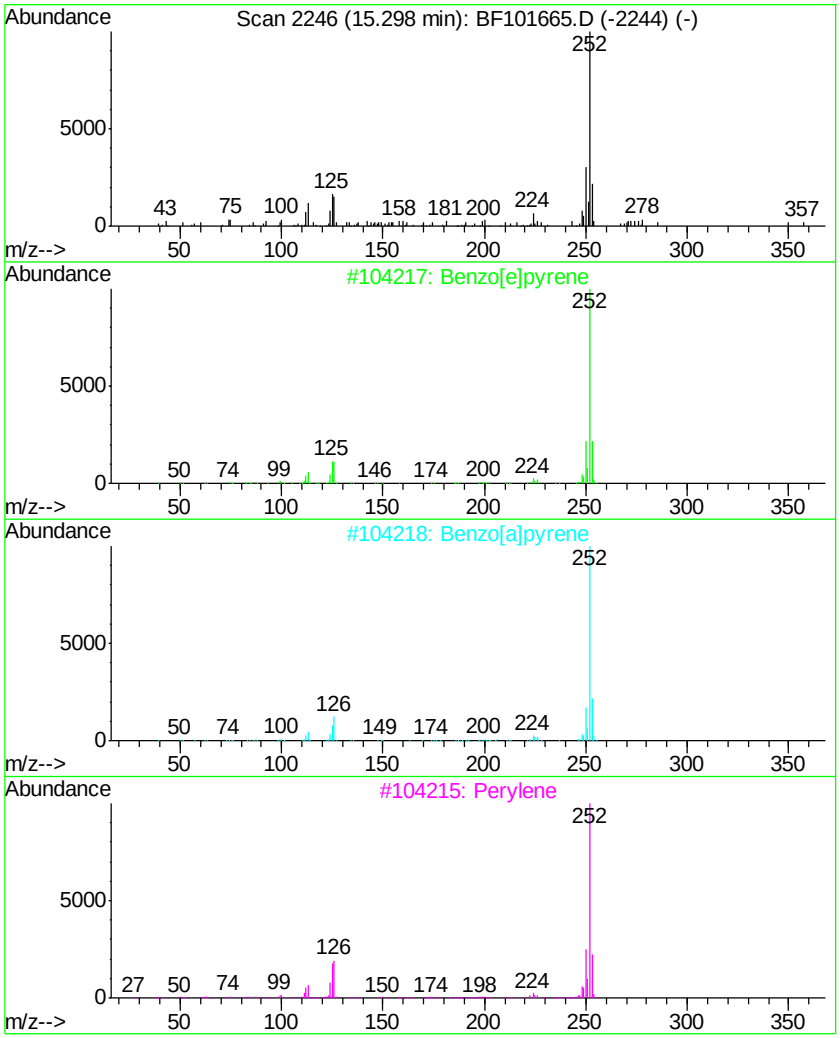
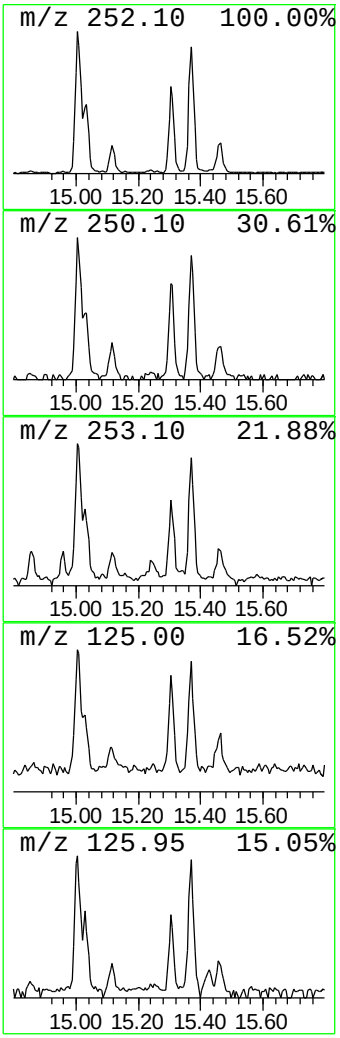
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.16 ng	88234	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	13.4	ng	567252	1	6.79	844715	20.0
Benzo[e]pyrene	15.30	2.2	ng	88234	6	15.43	816548	20.0