LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103307.D
Acq On : 28 Feb 2018 21:38
Operator : SJ/JU
Sample : J1716-04 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-12-16

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-BF022218.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	5.457	567	573	576	rBV3	15418	19832	1.54%	0.189%
2	5.498	576	580	591	rVV	154792	230183	17.85%	2.197%
3	6.510	749	752	758	rBV	132676	208575	16.18%	1.991%
4	6.645	771	775	780	rBV	259327	257685	19.99%	2.460%
5	6.692	780	783	792	rVB	22949	25920	2.01%	0.247%
6	6.869	810	813	821	rBV	981105	959707	74.44%	9.161%
7	7.028	836	840	848	rVB	209214	209022	16.21%	1.995%
8	7.404	900	904	907	rBV	13227	12988	1.01%	0.124%
9	7.439	907	910	921	rBV	114424	158790	12.32%	1.516%
10	8.157	1028	1032	1050	rBV	1219506	1289244	100.00%	12.306%
11	9.228	1211	1214	1223	rBV	185200	221600	17.19%	2.115%
12	9.627	1278	1282	1289	rVB	17310	20998	1.63%	0.200%
13	9.916	1326	1331	1346	rBV	1082770	1248513	96.84%	11.917%
14	10.127	1363	1367	1370	rBV2	10373	13151	1.02%	0.126%
15	10.327	1394	1401	1405	rBV5	11162	14919	1.16%	0.142%
16	10.463	1421	1424	1430	rVB	34035	39238	3.04%	0.375%
17	10.622	1448	1451	1455	rVB	14004	16338	1.27%	0.156%
18	10.710	1462	1466	1472	rBV	93911	112176	8.70%	1.071%
19	10.804	1479	1482	1487	rVB3	10974	14012	1.09%	0.134%
20	11.010	1511	1517	1520	rBV2	13741	18990	1.47%	0.181%
21	11.257	1554	1559	1562	rBV3	16315	24214	1.88%	0.231%
22	11.304	1564	1567	1570	rVB	20376	21218	1.65%	0.203%
23	11.404	1580	1584	1586	rBV	918518	816811	63.36%	7.797%
24	11.427	1586	1588	1594	rVV	509404	450896	34.97%	4.304%
25	11.480	1594	1597	1604	rVB	116370	111743	8.67%	1.067%
26	11.645	1621	1625	1629	rBV4	9449	13723	1.06%	0.131%
27	11.910	1666	1670	1672	rBV	41448	41027	3.18%	0.392%
28	11.939	1672	1675	1680	rVV	57571	57698	4.48%	0.551%
29	11.986	1680	1683	1686	rVV	28316	26056	2.02%	0.249%
30	12.021	1686	1689	1691	rVV	71117	77420	6.01%	0.739%
31	12.045	1691	1693	1698	rVB	28908	26928	2.09%	0.257%
32	12.204	1716	1720	1723	rBV	33697	29848	2.32%	0.285%
33	12.457	1759	1763	1765	rBV2	17025	18238	1.41%	0.174%
34	12.621	1787	1791	1797	rBV	419491	374351	29.04%	3.573%

LSC Area Percent Report

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.851	1823	1830	1836	rVV	341724	405930	31.49%	3.875%
36	12.898	1836	1838	1844	rVB3	19305	25460	1.97%	0.243%
37	12.986	1846	1853	1856	rBV2	139242	145048	11.25%	1.385%
38	13.063	1863	1866	1872	rBV3	20118	35485	2.75%	0.339%
39	13.151	1878	1881	1883	rBV2	14987	19485	1.51%	0.186%
40	13.180	1883	1886	1890	rVB	55546	51502	3.99%	0.492%
41	13.245	1894	1897	1900	rBV	47971	41897	3.25%	0.400%
42	13.286	1900	1904	1907	rBV2	27091	38080	2.95%	0.363%
43	13.380	1916	1920	1923	rBV2	17660	22775	1.77%	0.217%
44	13.410	1923	1925	1934	rVB3	27575	39848	3.09%	0.380%
45	13.698	1971	1974	1978	rVB5	10952	14212	1.10%	0.136%
46	13.804	1989	1992	1993	rBV	16741	13626	1.06%	0.130%
47	13.827	1993	1996	1998	rVB	28064	22306	1.73%	0.213%
48	13.857	1998	2001	2002	rBV	20028	19686	1.53%	0.188%
49	14.051	2028	2034	2037	rBV2	760470	901392	69.92%	8.604%
50	14.080	2037	2039	2045	rVB	156949	148239	11.50%	1.415%
51	14.157	2050	2052	2056	rBV	27574	23639	1.83%	0.226%
52	14.404	2092	2094	2097	rBV3	12089	15022	1.17%	0.143%
53	14.445	2098	2101	2104	rVV2	29219	29860	2.32%	0.285%
54	14.574	2121	2123	2125	rBV3	15664	13705	1.06%	0.131%
55	15.115	2210	2215	2218	rBV	118546	195334	15.15%	1.864%
56	15.227	2231	2234	2237	rVB	21870	21115	1.64%	0.202%
57	15.427	2263	2268	2274	rVB	66505	94870	7.36%	0.906%
58	15.492	2274	2279	2284	rBV	106094	141056	10.94%	1.346%
59	15.551	2284	2289	2294	rBV	518470	745762	57.84%	7.118%
60	17.080	2545	2549	2555	rBV3	30535	69147	5.36%	0.660%

Sum of corrected areas: 10476533

LSC Report - Integrated Chromatogram

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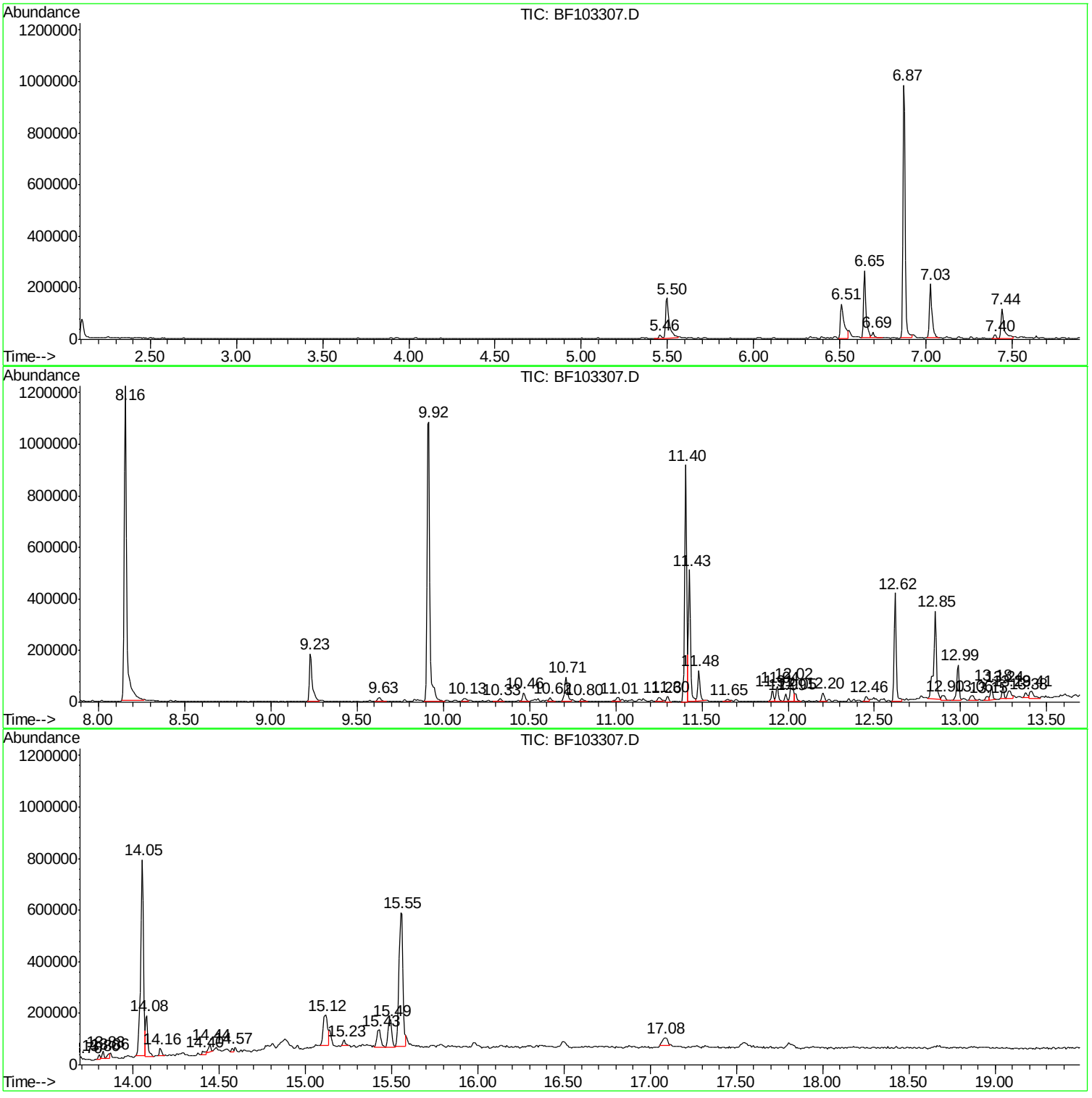
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-12-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103307.D
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Operator : SJ/JU
Sample : J1716-04 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-12-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
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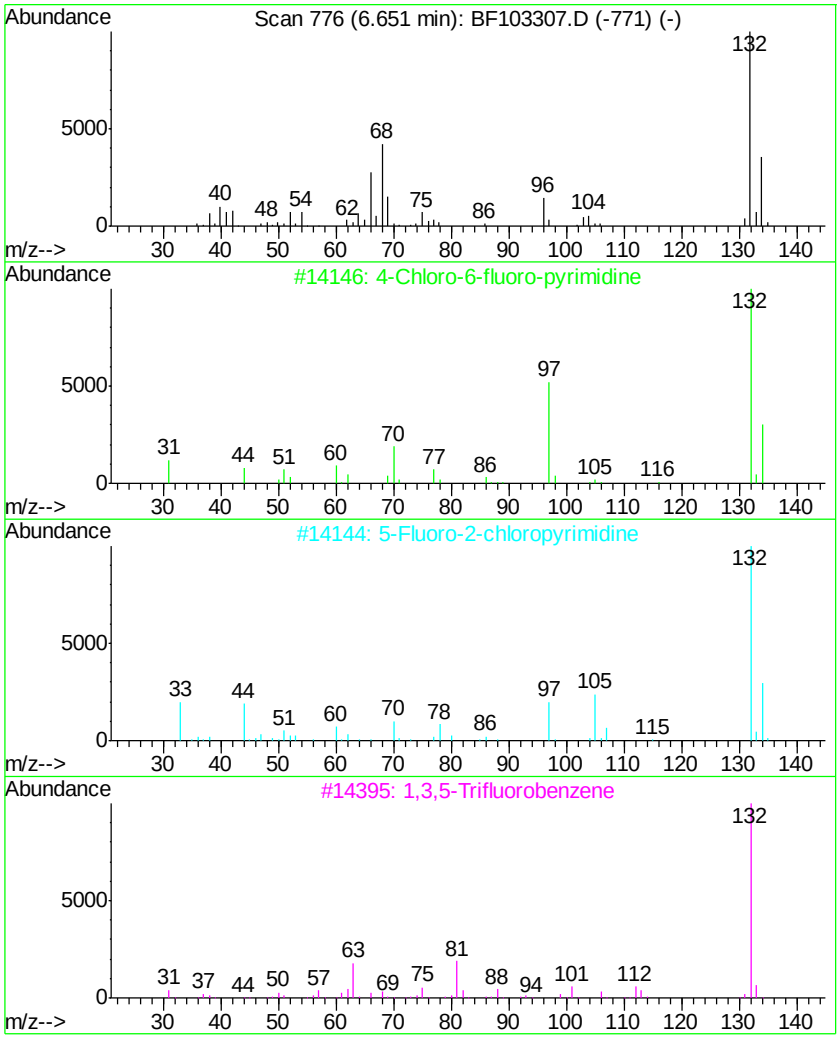
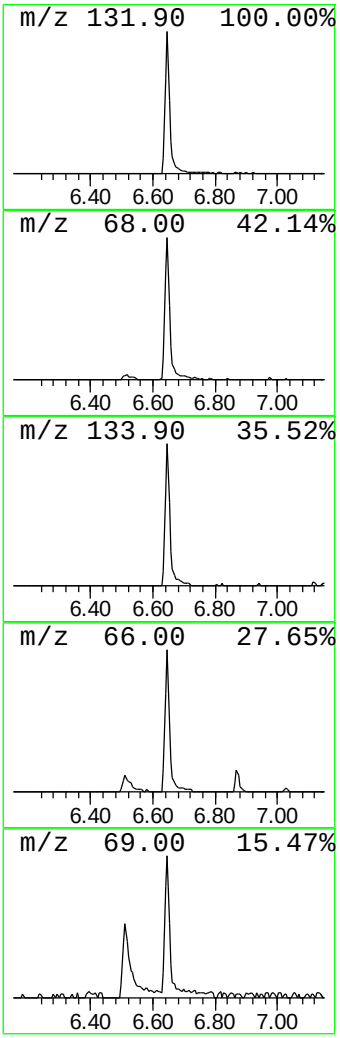
Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.37 ng	257685	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-12-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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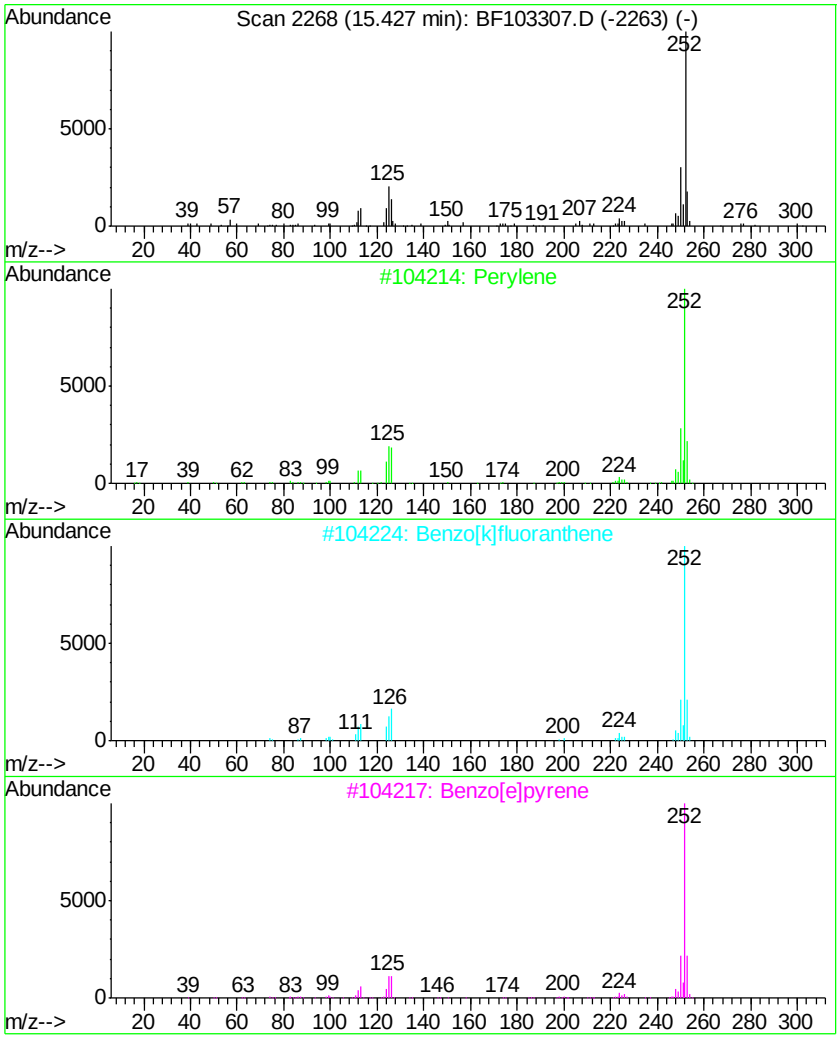
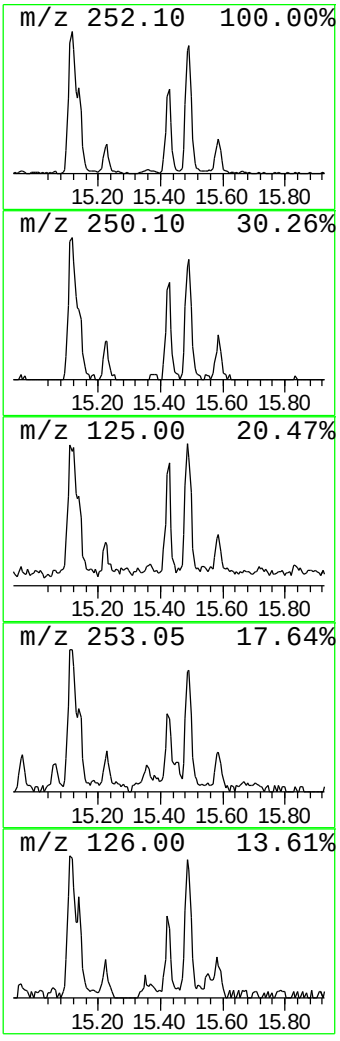
Peak Number 3 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.54 ng	94870	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[e]pyrene	252	C20H12	000192-97-2	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022818\
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.65	6.65	5.4	ng	257685	1	6.87	959707	20.0
Perylene	15.43	2.5	ng	94870	6	15.55	745762	20.0