LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099308.D
Acq On : 10 Oct 2017 18:59
Operator : SJ/JU
Sample : I5715-04 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-100517-B

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-BF092317.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	5.487	575	578	586	rBV	24323	27343	3.59%	0.401%
2	6.493	747	749	756	rBV	24745	28527	3.74%	0.419%
3	6.634	770	773	779	rVB	37596	30745	4.04%	0.451%
4	6.863	808	812	816	rBV	612614	482054	63.28%	7.077%
5	7.016	835	838	844	rVB	29689	25862	3.39%	0.380%
6	7.428	905	908	915	rVB	15217	15553	2.04%	0.228%
7	8.145	1026	1030	1033	rBV	779038	605053	79.42%	8.882%
8	9.216	1209	1212	1217	rBV	37728	30533	4.01%	0.448%
9	9.763	1302	1305	1308	rBV	18530	15720	2.06%	0.231%
10	9.898	1324	1328	1332	rBV2	639884	553182	72.61%	8.121%
11	9.928	1332	1333	1340	rVB	23876	21735	2.85%	0.319%
12	10.104	1360	1363	1367	rBV	12135	10448	1.37%	0.153%
13	10.445	1419	1421	1428	rVB	25380	25391	3.33%	0.373%
14	10.686	1457	1462	1468	rBB2	13891	15960	2.09%	0.234%
15	11.192	1546	1548	1552	rBB	8812	7948	1.04%	0.117%
16	11.386	1577	1581	1583	rBV	555932	453744	59.56%	6.661%
17	11.410	1583	1585	1589	rVV	217452	167914	22.04%	2.465%
18	11.463	1591	1594	1597	rVB	79384	61308	8.05%	0.900%
19	11.622	1616	1621	1625	rBV2	11723	14094	1.85%	0.207%
20	11.886	1663	1666	1669	rBV	30244	24779	3.25%	0.364%
21	11.916	1669	1671	1677	rVV2	40230	35852	4.71%	0.526%
22	11.963	1677	1679	1682	rVV	23743	19270	2.53%	0.283%
23	12.004	1682	1686	1688	rVV	48137	55133	7.24%	0.809%
24	12.022	1688	1689	1694	rVB	18922	13543	1.78%	0.199%
25	12.180	1712	1716	1719	rVB	19494	18527	2.43%	0.272%
26	12.216	1719	1722	1726	rBV	13245	11984	1.57%	0.176%
27	12.433	1756	1759	1762	rBV	19855	19798	2.60%	0.291%
28	12.474	1762	1766	1768	rVV3	12815	18278	2.40%	0.268%
29	12.527	1772	1775	1779	rVB2	30528	30097	3.95%	0.442%
30	12.598	1784	1787	1791	rBV	424901	376749	49.45%	5.531%
31	12.698	1801	1804	1806	rVB	10006	8403	1.10%	0.123%
32	12.751	1809	1813	1815	rVV3	11555	15576	2.04%	0.229%
33	12.774	1815	1817	1820	rVV2	21266	20290	2.66%	0.298%
34	12.833	1820	1827	1832	rVV2	351076	406212	53.32%	5.963%

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.880	1832	1835	1839	rVB2	19001	22307	2.93%	0.327%
36	12.963	1847	1849	1852	rVB	48015	39102	5.13%	0.574%
37	12.992	1852	1854	1858	rVB	17317	14754	1.94%	0.217%
38	13.045	1858	1863	1867	rBV3	30474	52544	6.90%	0.771%
39	13.133	1874	1878	1879	rBV2	28734	31962	4.20%	0.469%
40	13.157	1879	1882	1885	rVB	65798	62373	8.19%	0.916%
41	13.221	1890	1893	1896	rVV	47861	43896	5.76%	0.644%
42	13.263	1896	1900	1903	rVV2	46942	60435	7.93%	0.887%
43	13.316	1907	1909	1912	rVV2	12215	10957	1.44%	0.161%
44	13.357	1913	1916	1918	rVV	19591	18524	2.43%	0.272%
45	13.386	1918	1921	1925	rVV2	23935	25804	3.39%	0.379%
46	13.486	1934	1938	1939	rBV3	13318	12571	1.65%	0.185%
47	13.557	1947	1950	1952	rBV4	10364	11562	1.52%	0.170%
48	13.580	1952	1954	1957	rVB3	11226	8838	1.16%	0.130%
49	13.639	1961	1964	1966	rVV4	10227	12228	1.61%	0.180%
50	13.669	1966	1969	1973	rVB	50691	51003	6.69%	0.749%
51	13.774	1984	1987	1990	rBV2	43014	41698	5.47%	0.612%
52	13.804	1990	1992	1994	rVV	42149	31148	4.09%	0.457%
53	13.827	1994	1996	1998	rVV	27577	26115	3.43%	0.383%
54	13.874	2002	2004	2012	rVB2	48013	51939	6.82%	0.762%
55	13.945	2012	2016	2018	rBV	14573	20301	2.66%	0.298%
56	14.027	2025	2030	2033	rBV2	639751	761815	100.00%	11.184%
57	14.051	2033	2034	2042	rVB	208736	178776	23.47%	2.624%
58	14.133	2046	2048	2051	rVB	34455	25484	3.35%	0.374%
59	14.174	2051	2055	2060	rBV5	33174	45897	6.02%	0.674%
60	14.251	2065	2068	2071	rBV2	14558	23006	3.02%	0.338%
61	14.286	2072	2074	2077	rVB3	11587	8985	1.18%	0.132%
62	14.374	2087	2089	2091	rBV2	22981	20966	2.75%	0.308%
63	14.416	2093	2096	2098	rVB	54192	49185	6.46%	0.722%
64	14.445	2099	2101	2104	rVB	30572	23320	3.06%	0.342%
65	14.486	2104	2108	2109	rBV3	21040	25334	3.33%	0.372%
66	14.539	2115	2117	2119	rBV	24741	20222	2.65%	0.297%
67	15.074	2203	2208	2211	rBV	189124	311628	40.91%	4.575%
68	15.180	2223	2226	2230	rVB	43949	42482	5.58%	0.624%
69	15.374	2256	2259	2265	rVB	94901	131646	17.28%	1.933%
70	15.439	2266	2270	2275	rVB	146614	182750	23.99%	2.683%
71	15.504	2276	2281	2285	rBV	360224	445646	58.50%	6.542%

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72	16.986	2529	2533	2543	rVB3	57517	124234	16.31%	1.824%
73	17.439	2606	2610	2617	rVB	34710	72803	9.56%	1.069%

Sum of corrected areas: 6811845

LSC Report - Integrated Chromatogram

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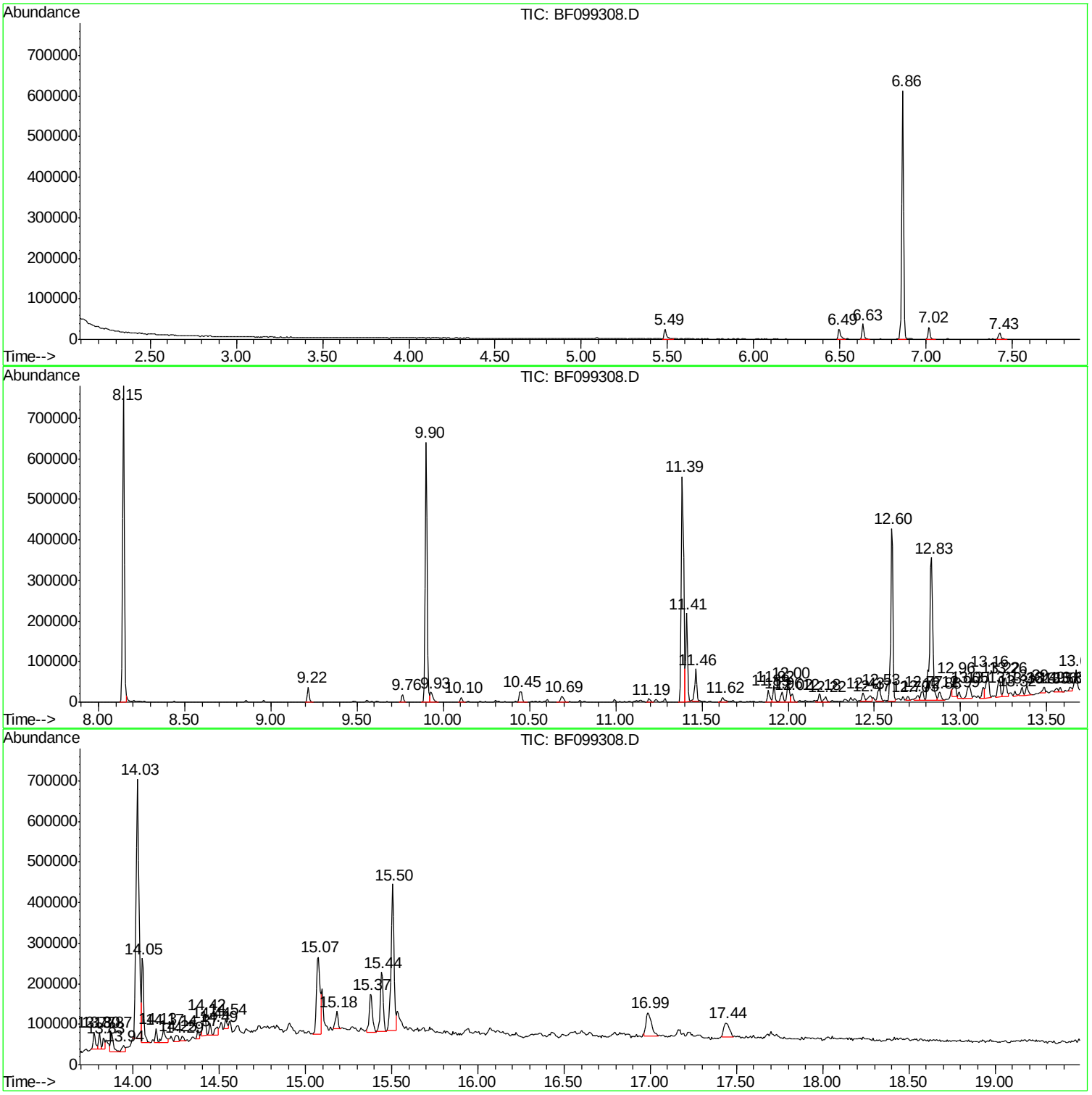
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-100517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099308.D
Acq On : 10 Oct 2017 18:59
Operator : SJ/JU
Sample : I5715-04 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-100517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

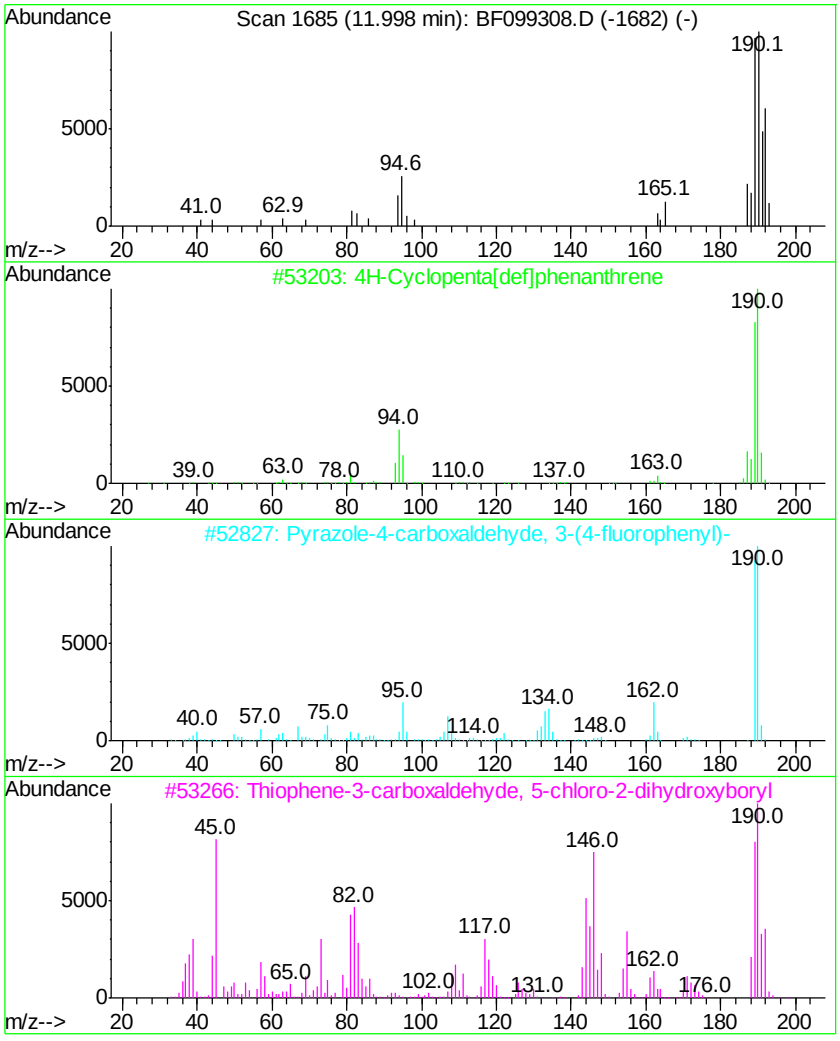
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

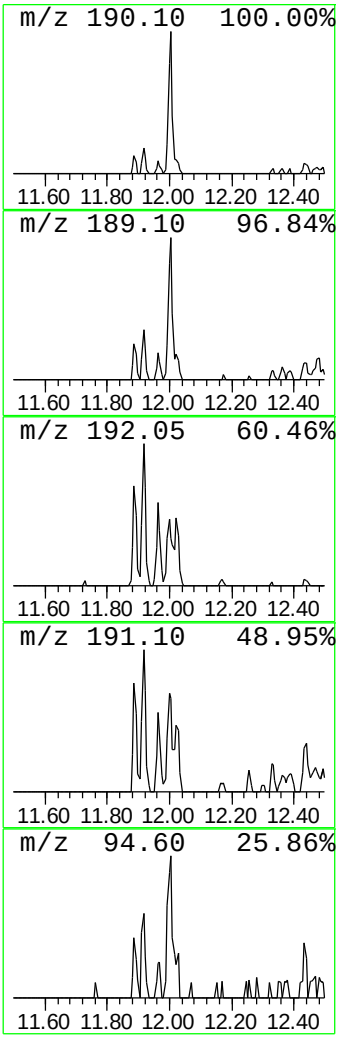
****

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.43 ng	55133	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Acq On : 10 Oct 2017 18:59
Operator : SJ/JU
Sample : I5715-04 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-100517-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

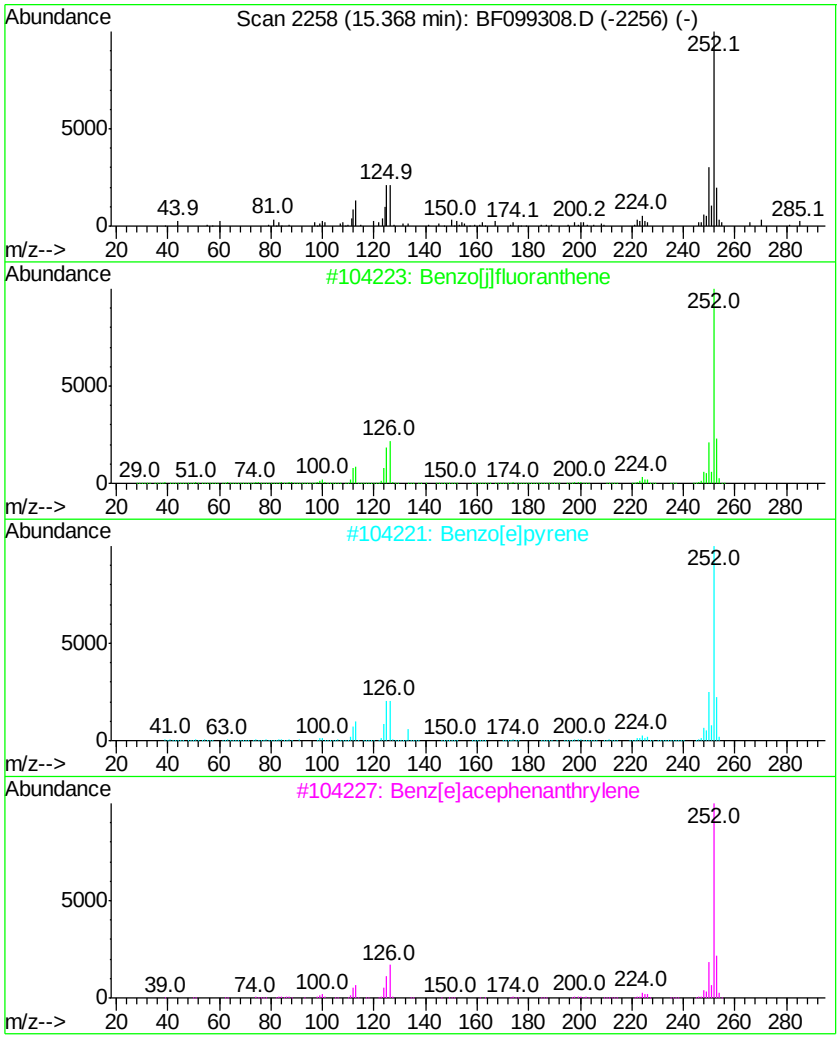
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

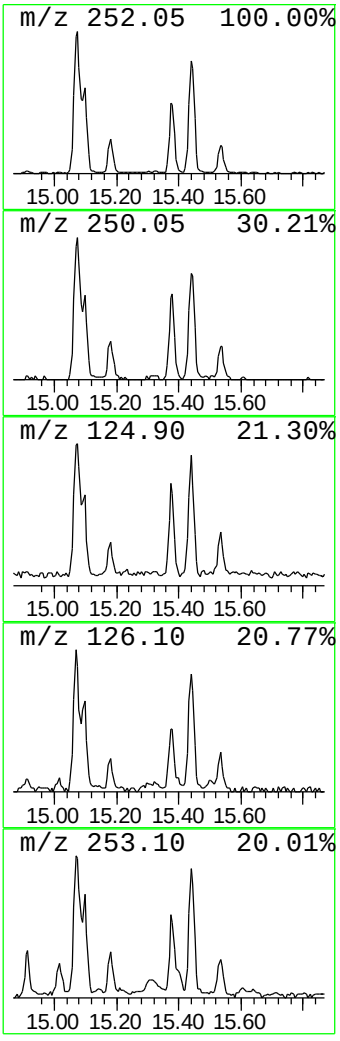
****

Peak Number 2 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.91 ng	131646	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4H-Cyclopenta[def...	12.00	2.4	ng	55133	4	11.39	453744	20.0
Benzo[j]fluoranthene	15.37	5.9	ng	131646	6	15.50	445646	20.0