LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097743.D
Acq On : 16 Aug 2017 17:15
Operator : SJ/JU
Sample : I4739-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11-WC-2

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-BF081517.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	4.957	485	488	497	rBV	45544	50462	3.60%	0.278%
2	5.375	555	559	562	rBV	638448	604233	43.14%	3.331%
3	6.392	728	732	738	rBV	756471	663873	47.40%	3.659%
4	6.540	753	757	760	rBV	798030	647305	46.21%	3.568%
5	6.775	794	797	801	rBV	1079203	932991	66.61%	5.143%
6	6.934	820	824	827	rVB	550957	466639	33.31%	2.572%
7	7.334	888	892	895	rBV	499791	384827	27.47%	2.121%
8	8.063	1011	1016	1019	rBV	1420964	1259844	89.94%	6.944%
9	9.133	1194	1198	1202	rBV	793010	655652	46.81%	3.614%
10	9.533	1262	1266	1269	rVB	97104	82583	5.90%	0.455%
11	9.675	1286	1290	1292	rBV	19460	16282	1.16%	0.090%
12	9.722	1292	1298	1301	rVB3	11148	15919	1.14%	0.088%
13	9.816	1308	1314	1317	rBV	1477948	1303622	93.07%	7.186%
14	9.845	1317	1319	1323	rVB	37636	27476	1.96%	0.151%
15	10.016	1345	1348	1351	rVB	22914	17979	1.28%	0.099%
16	10.357	1403	1406	1410	rVB	23404	20784	1.48%	0.115%
17	10.592	1443	1446	1452	rVB	467691	414908	29.62%	2.287%
18	10.722	1466	1468	1474	rBV	27860	36515	2.61%	0.201%
19	11.098	1529	1532	1537	rVB	31333	30571	2.18%	0.169%
20	11.145	1537	1540	1543	rBV3	16593	22567	1.61%	0.124%
21	11.192	1546	1548	1553	rVB2	25623	28621	2.04%	0.158%
22	11.298	1561	1566	1568	rBV	1541547	1321219	94.33%	7.283%
23	11.322	1568	1570	1573	rVV	499057	388474	27.73%	2.141%
24	11.369	1575	1578	1581	rVB	113936	90334	6.45%	0.498%
25	11.522	1599	1604	1607	rBV2	33743	36016	2.57%	0.199%
26	11.598	1614	1617	1619	rBV2	23777	21233	1.52%	0.117%
27	11.798	1647	1651	1653	rBV	95481	83284	5.95%	0.459%
28	11.822	1653	1655	1660	rVB	127979	115032	8.21%	0.634%
29	11.869	1660	1663	1666	rBV	52118	47628	3.40%	0.263%
30	11.904	1666	1669	1672	rVV	140726	156271	11.16%	0.861%
31	11.927	1672	1673	1677	rVB	72832	50510	3.61%	0.278%
32	12.092	1698	1701	1703	rBV	68263	65893	4.70%	0.363%
33	12.110	1703	1704	1709	rVB2	63552	40744	2.91%	0.225%
34	12.239	1724	1726	1729	rVB	32634	26308	1.88%	0.145%

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Misc :
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Instrument : BNA_F
ClientSampleId : S11-WC-2

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.269	1729	1731	1733	rBV	22623	19051	1.36%	0.105%
36	12.292	1733	1735	1738	rVB2	27295	22658	1.62%	0.125%
37	12.345	1740	1744	1747	rBV2	81709	87899	6.28%	0.485%
38	12.380	1747	1750	1752	rVV2	36927	49304	3.52%	0.272%
39	12.427	1755	1758	1763	rVB2	70631	76333	5.45%	0.421%
40	12.504	1767	1771	1775	rVV	989407	816571	58.30%	4.501%
41	12.557	1777	1780	1785	rBV5	19335	31000	2.21%	0.171%
42	12.633	1790	1793	1795	rBV3	22793	23997	1.71%	0.132%
43	12.657	1795	1797	1800	rVV	25409	19675	1.40%	0.108%
44	12.733	1804	1810	1813	rBV	886108	885214	63.20%	4.879%
45	12.780	1815	1818	1824	rVB2	33678	58154	4.15%	0.321%
46	12.851	1827	1830	1832	rBV	53358	47576	3.40%	0.262%
47	12.880	1832	1835	1842	rVB	725815	620358	44.29%	3.419%
48	12.951	1842	1847	1850	rBV2	69986	105359	7.52%	0.581%
49	13.010	1855	1857	1859	rBV3	17562	19198	1.37%	0.106%
50	13.033	1859	1861	1863	rVV2	47533	55262	3.95%	0.305%
51	13.057	1863	1865	1869	rVB	79774	81299	5.80%	0.448%
52	13.098	1869	1872	1874	rBV3	13744	19631	1.40%	0.108%
53	13.127	1874	1877	1879	rVB	46687	38120	2.72%	0.210%
54	13.163	1879	1883	1886	rBV	100729	103598	7.40%	0.571%
55	13.192	1886	1888	1891	rVB2	23736	21246	1.52%	0.117%
56	13.221	1891	1893	1895	rBV	19025	16561	1.18%	0.091%
57	13.257	1895	1899	1902	rBV	55929	51308	3.66%	0.283%
58	13.286	1902	1904	1908	rVV2	56476	48665	3.47%	0.268%
59	13.321	1908	1910	1914	rVB4	15091	17131	1.22%	0.094%
60	13.363	1914	1917	1922	rBV5	20374	29073	2.08%	0.160%
61	13.433	1927	1929	1931	rBV3	16382	16533	1.18%	0.091%
62	13.563	1947	1951	1955	rBV	78301	77331	5.52%	0.426%
63	13.674	1966	1970	1973	rBV2	62711	95101	6.79%	0.524%
64	13.710	1973	1976	1977	rVV	65591	63067	4.50%	0.348%
65	13.727	1977	1979	1983	rVV2	53662	75374	5.38%	0.415%
66	13.768	1983	1986	1994	rVB3	67703	116642	8.33%	0.643%
67	13.927	2005	2013	2016	rBV2	1131340	1400695	100.00%	7.721%
68	13.951	2016	2017	2024	rVB	326353	284833	20.34%	1.570%
69	14.033	2029	2031	2033	rVB	42058	30650	2.19%	0.169%
70	14.115	2042	2045	2047	rVB2	35993	35753	2.55%	0.197%
71	14.151	2047	2051	2054	rBV2	23575	35303	2.52%	0.195%

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Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.280	2070	2073	2074	rBV3	27814	28510	2.04%	0.157%
73	14.315	2076	2079	2082	rVV	68835	66151	4.72%	0.365%
74	14.345	2082	2084	2087	rVB	39713	32589	2.33%	0.180%
75	14.404	2092	2094	2097	rBV3	24792	31109	2.22%	0.171%
76	14.610	2126	2129	2133	rBV5	29248	34036	2.43%	0.188%
77	14.774	2154	2157	2159	rBV3	26488	30485	2.18%	0.168%
78	14.857	2169	2171	2174	rBV3	20021	23151	1.65%	0.128%
79	14.945	2182	2186	2189	rBV	251608	376438	26.88%	2.075%
80	15.051	2201	2204	2207	rVB	69937	71523	5.11%	0.394%
81	15.239	2231	2236	2241	rVB	154644	197346	14.09%	1.088%
82	15.298	2241	2246	2251	rVB	221351	268227	19.15%	1.478%
83	15.357	2251	2256	2260	rBV	622547	796849	56.89%	4.392%
84	16.321	2417	2420	2426	rBV6	26800	51006	3.64%	0.281%
85	16.745	2487	2492	2502	rVB2	113633	224677	16.04%	1.238%
86	16.968	2527	2530	2535	rBV5	16058	28059	2.00%	0.155%
87	17.162	2558	2563	2569	rBV	84873	159773	11.41%	0.881%

Sum of corrected areas: 18142051

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
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Acq On : 16 Aug 2017 17:15
Operator : SJ/JU
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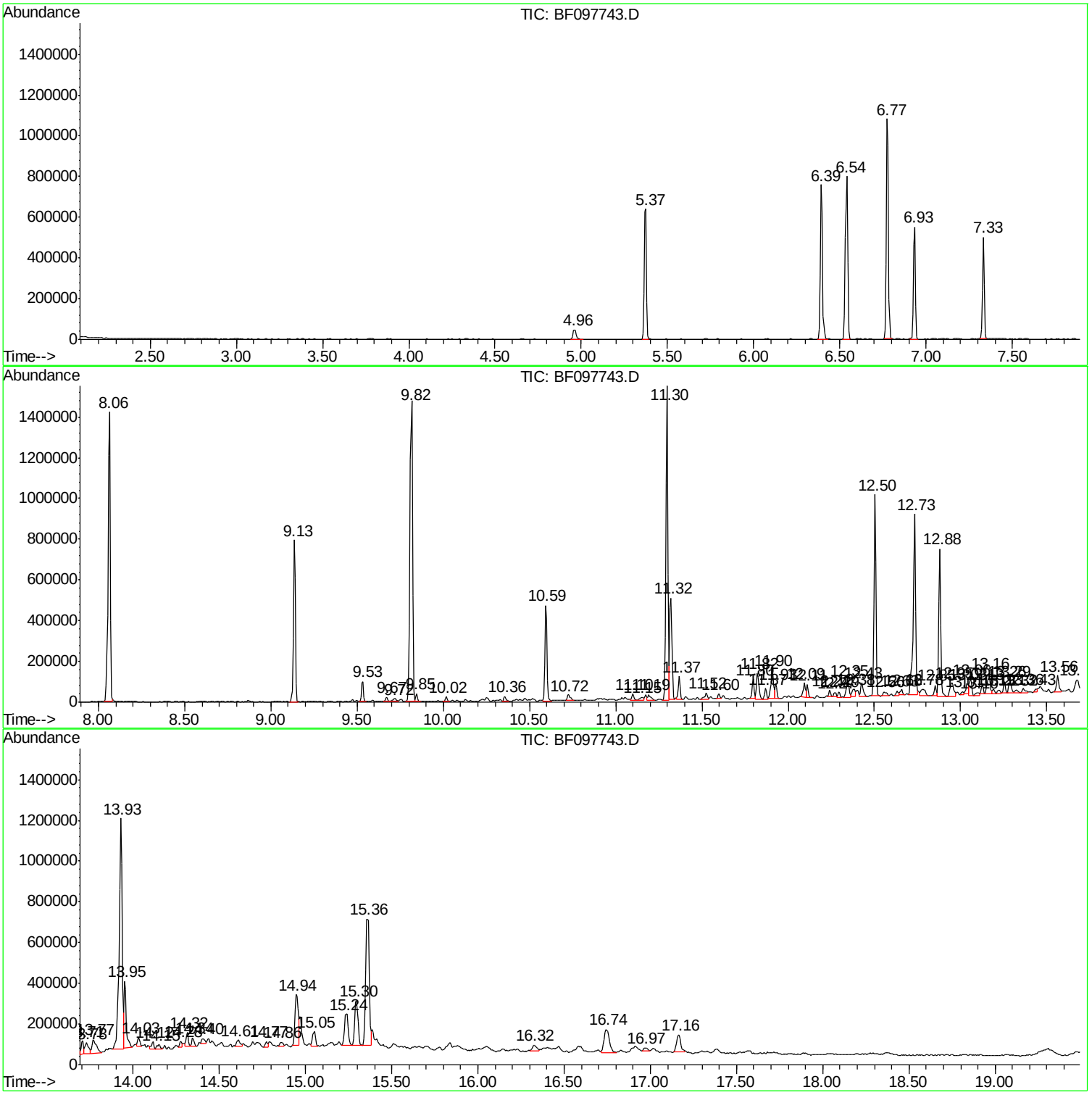
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11-WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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\BF081617\
Data File : BF097743.D
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Sample : I4739-02 5X
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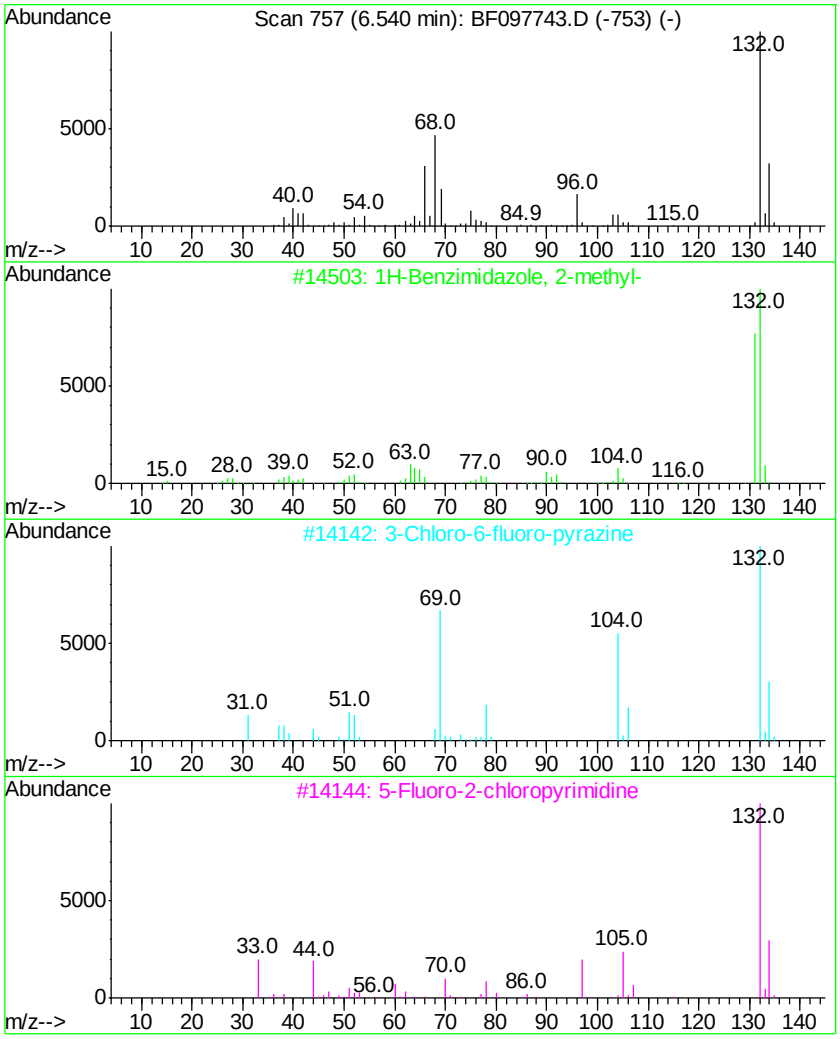
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

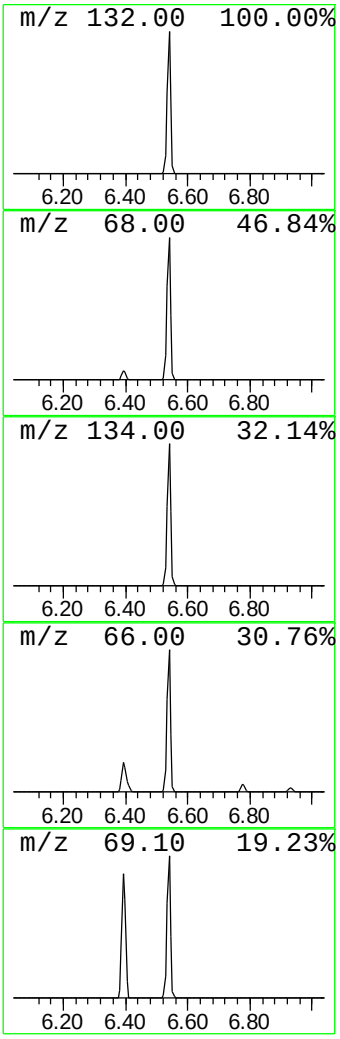
****

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	13.88 ng	647305	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





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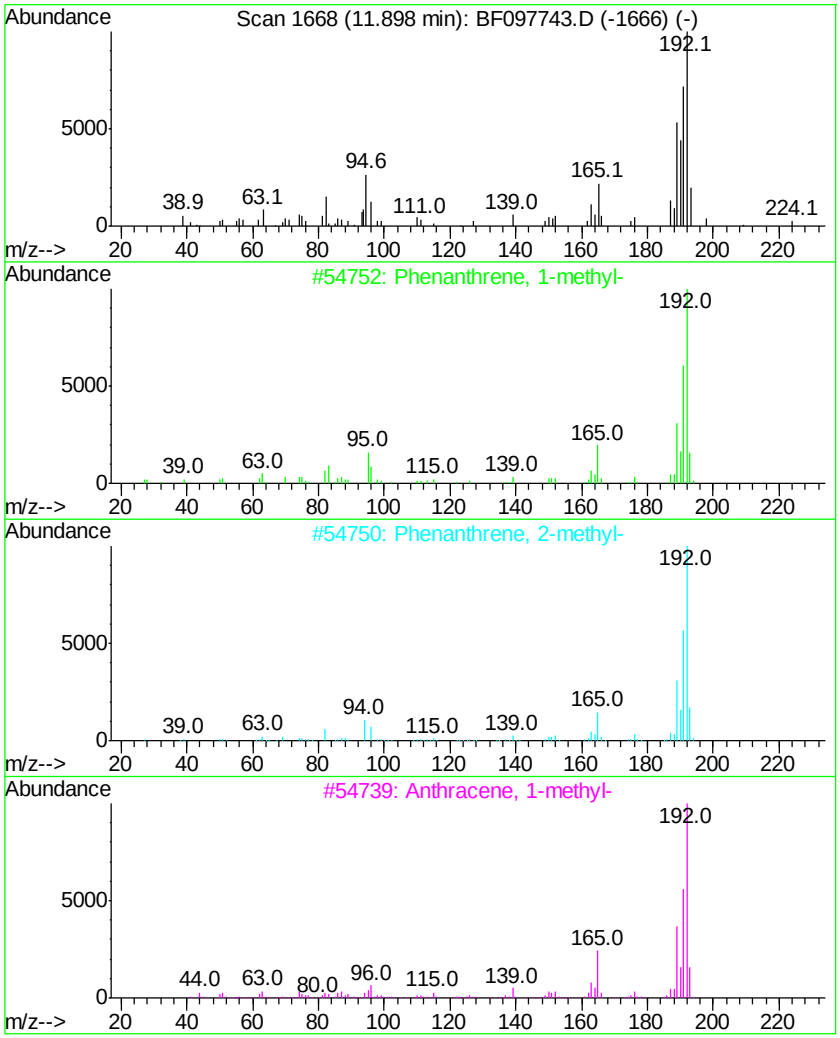
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

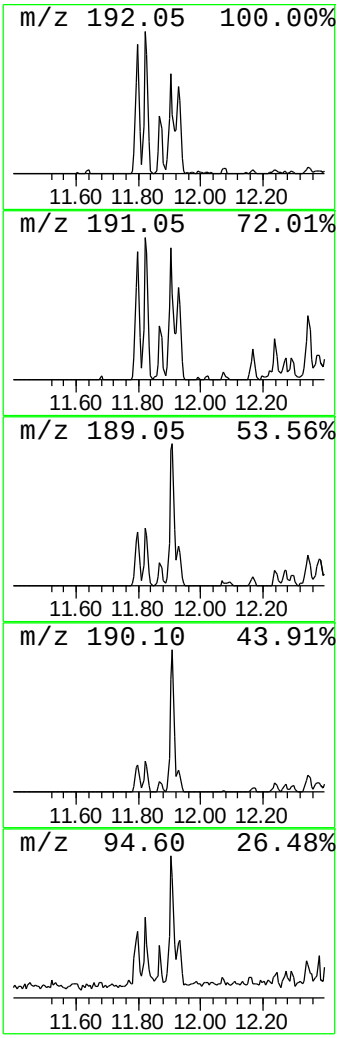
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.37 ng	156271	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097743.D
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Misc :
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Instrument : BNA_F
ClientSampleId : S11-WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

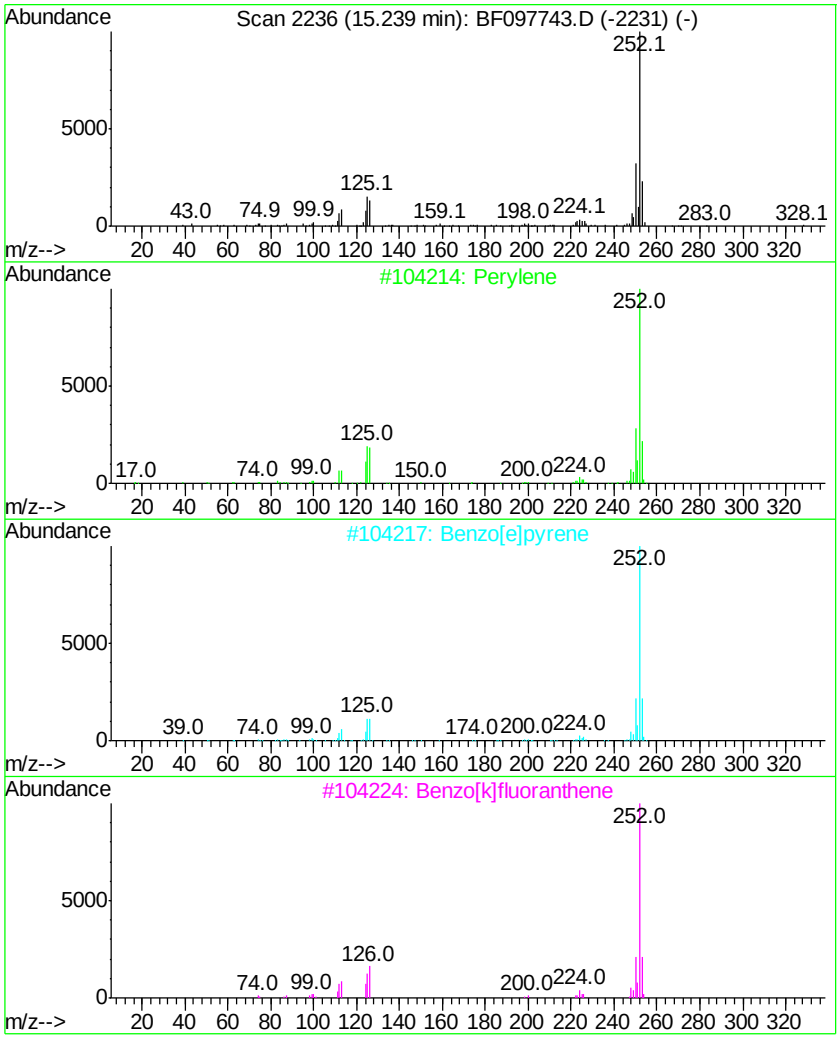
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

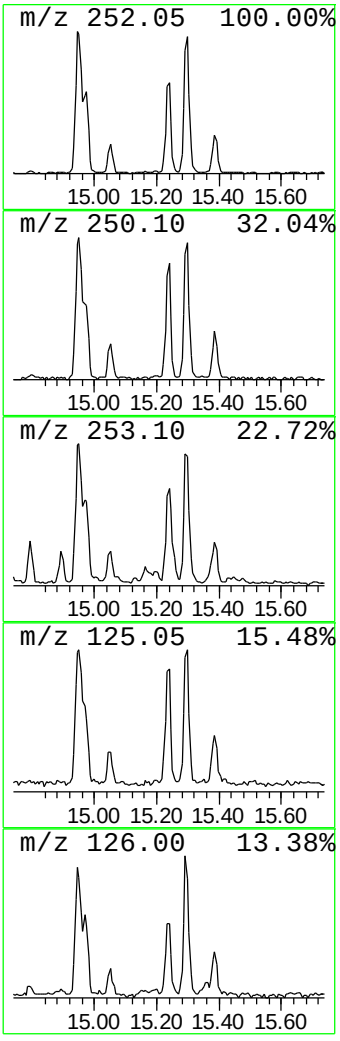
****

Peak Number 4 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.95 ng	197346	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.54	6.54	13.9	ng	647305	1	6.77	932991	20.0
Phenanthrene, 1-m...	11.90	2.4	ng	156271	4	11.30	1321220	20.0
Perylene	15.24	5.0	ng	197346	6	15.36	796849	20.0