

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101612.D
 Acq On : 21 Dec 2017 17:39
 Operator : SJ/JU
 Sample : I6993-02 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	5.463	571	574	583	rBV3	11568	30963	2.75%	0.362%
2	6.493	741	749	758	rBV3	16369	48465	4.31%	0.566%
3	6.593	763	766	777	rVB3	31044	60042	5.34%	0.701%
4	6.798	797	801	817	rBV	662711	720030	64.00%	8.410%
5	6.957	825	828	838	rVB	36311	47879	4.26%	0.559%
6	7.392	896	902	909	rBV2	11759	28008	2.49%	0.327%
7	8.081	1015	1019	1039	rBV	782229	943936	83.90%	11.025%
8	8.804	1138	1142	1151	rVB2	9044	14622	1.30%	0.171%
9	9.157	1198	1202	1210	rBV	46460	53485	4.75%	0.625%
10	9.698	1290	1294	1300	rBV	63429	61514	5.47%	0.718%
11	9.833	1313	1317	1321	rBV	823247	740642	65.83%	8.650%
12	9.863	1321	1322	1332	rVB	38368	37461	3.33%	0.438%
13	10.045	1347	1353	1364	rBV	36944	44849	3.99%	0.524%
14	10.386	1408	1411	1417	rBV	82200	79064	7.03%	0.923%
15	10.639	1446	1454	1459	rBV3	18687	34674	3.08%	0.405%
16	11.222	1550	1553	1557	rVB	18036	15963	1.42%	0.186%
17	11.322	1567	1570	1573	rBV	754690	702917	62.48%	8.210%
18	11.345	1573	1574	1580	rVV	402881	336391	29.90%	3.929%
19	11.404	1580	1584	1589	rVB	177771	173022	15.38%	2.021%
20	11.569	1608	1612	1618	rBV	67500	67736	6.02%	0.791%
21	11.827	1653	1656	1659	rBV	24218	22137	1.97%	0.259%
22	11.857	1659	1661	1666	rVV	29902	29080	2.58%	0.340%
23	11.910	1666	1670	1672	rVV	13821	13115	1.17%	0.153%
24	11.939	1672	1675	1684	rVB2	68481	86114	7.65%	1.006%
25	12.122	1703	1706	1710	rBV	22901	19546	1.74%	0.228%
26	12.480	1764	1767	1769	rVB	13342	12014	1.07%	0.140%
27	12.539	1774	1777	1783	rBV	594359	521023	46.31%	6.085%
28	12.639	1791	1794	1799	rVB	65668	56196	5.00%	0.656%
29	12.692	1801	1803	1805	rVV	16142	13362	1.19%	0.156%
30	12.769	1809	1816	1822	rBV	405823	458630	40.77%	5.357%
31	12.822	1822	1825	1828	rVV2	11925	11664	1.04%	0.136%
32	12.904	1834	1839	1843	rBV2	65938	70951	6.31%	0.829%
33	12.945	1843	1846	1849	rVV	15684	15479	1.38%	0.181%
34	12.980	1849	1852	1858	rVV3	20493	31719	2.82%	0.370%

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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

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35	13.074	1865	1868	1869	rBV2	16687	16421	1.46%	0.192%
36	13.104	1869	1873	1878	rVB	61214	68637	6.10%	0.802%
37	13.169	1880	1884	1887	rVV	61815	63421	5.64%	0.741%
38	13.210	1887	1891	1893	rVV2	25556	32605	2.90%	0.381%
39	13.333	1909	1912	1914	rBV2	13746	13057	1.16%	0.153%
40	13.621	1958	1961	1964	rBV2	18425	16970	1.51%	0.198%
41	13.721	1975	1978	1980	rBV	39783	38247	3.40%	0.447%
42	13.745	1980	1982	1984	rVB	28571	21717	1.93%	0.254%
43	13.774	1984	1987	1988	rBV	25818	21472	1.91%	0.251%
44	13.833	1995	1997	2001	rVB	22672	21727	1.93%	0.254%
45	13.892	2005	2007	2010	rBV3	15231	16527	1.47%	0.193%
46	13.974	2014	2021	2023	rBV2	901183	1125035	100.00%	13.140%
47	13.998	2023	2025	2028	rVB	217675	193851	17.23%	2.264%
48	14.080	2036	2039	2042	rBV	25122	20380	1.81%	0.238%
49	14.139	2046	2049	2053	rBV	28867	32399	2.88%	0.378%
50	14.180	2053	2056	2057	rBV	18871	18741	1.67%	0.219%
51	14.363	2082	2087	2089	rBV2	35730	51573	4.58%	0.602%
52	14.486	2106	2108	2109	rBV	25798	18493	1.64%	0.216%
53	15.015	2194	2198	2200	rBV	165291	230457	20.48%	2.692%
54	15.121	2213	2216	2220	rBV	35062	46463	4.13%	0.543%
55	15.310	2245	2248	2252	rVB	78262	94829	8.43%	1.108%
56	15.380	2256	2260	2265	rBV	121237	176418	15.68%	2.061%
57	15.439	2265	2270	2274	rBV	496075	619746	55.09%	7.238%

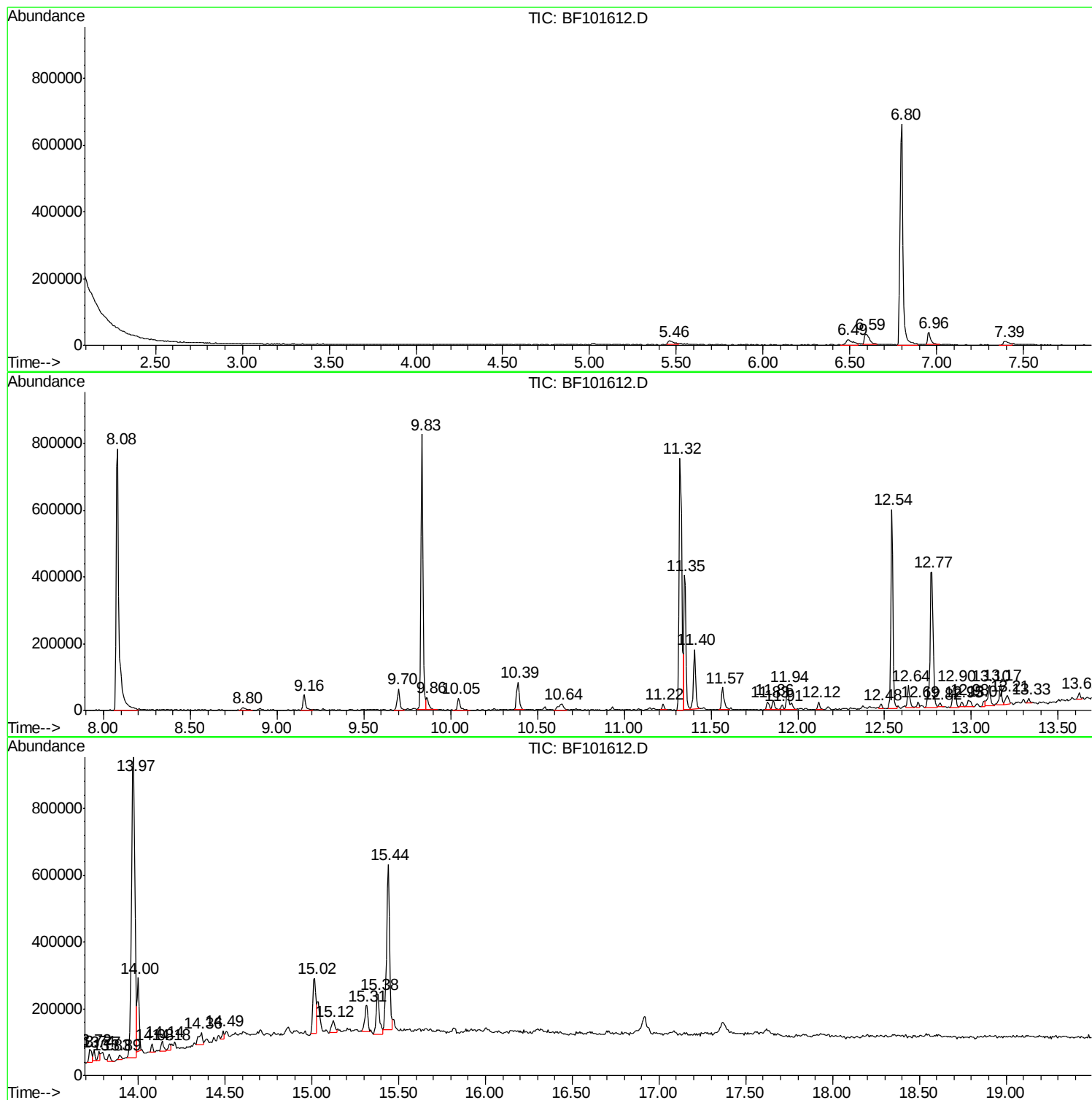
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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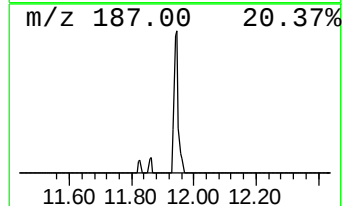
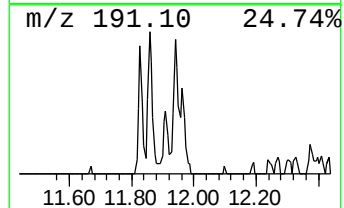
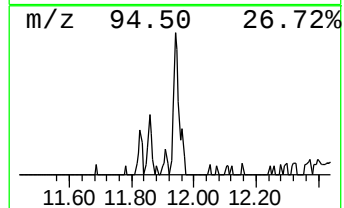
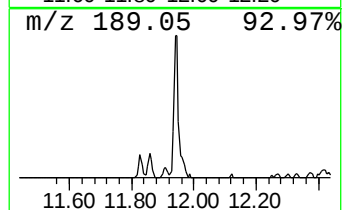
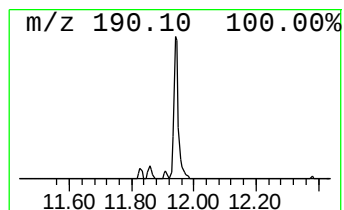
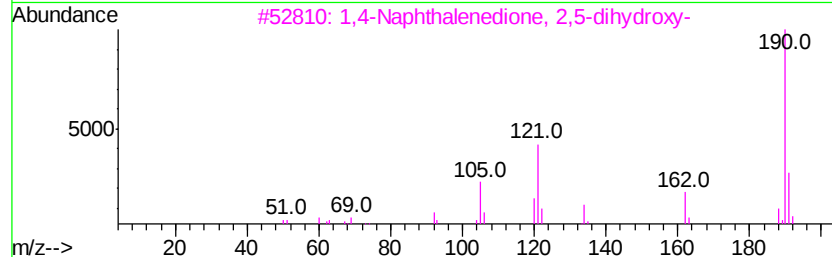
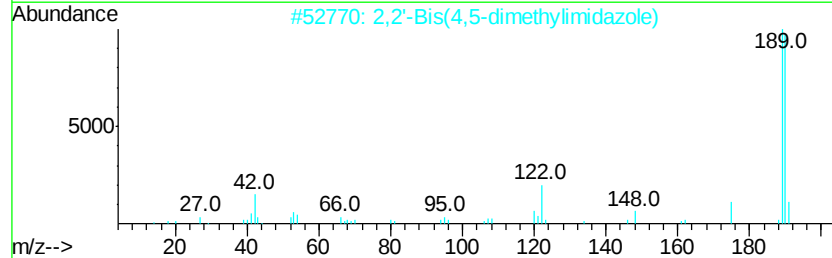
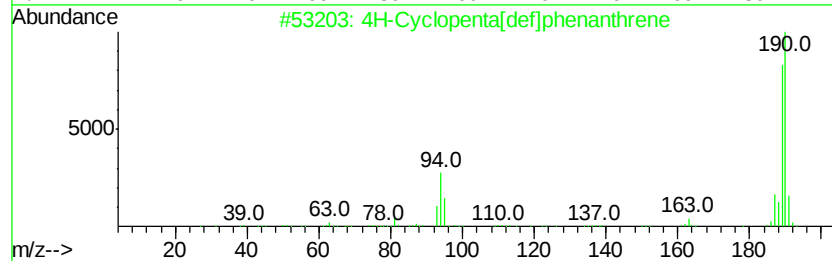
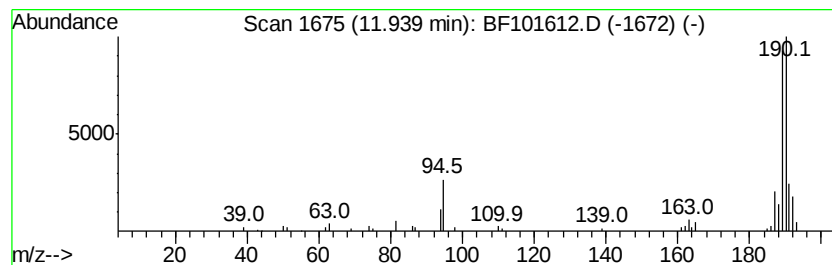
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
11.94	2.45 ng	86114	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
4	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	16
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	10



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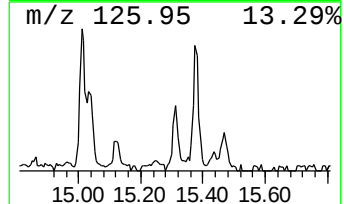
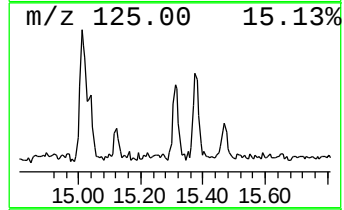
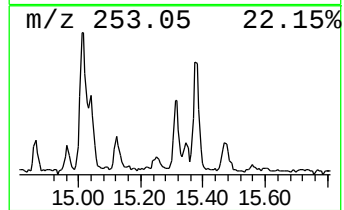
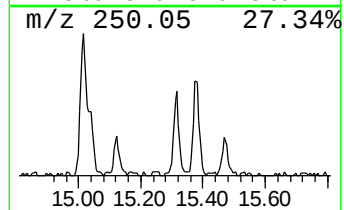
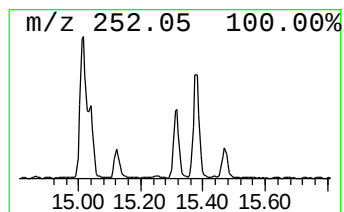
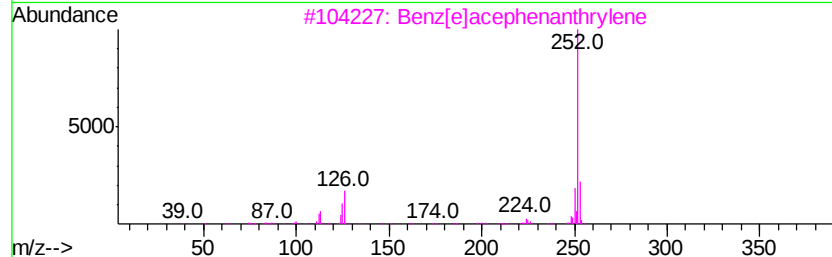
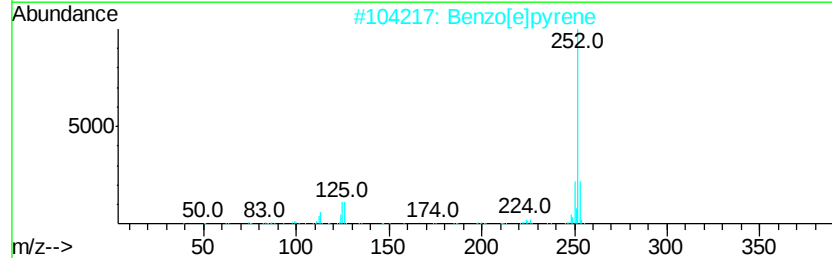
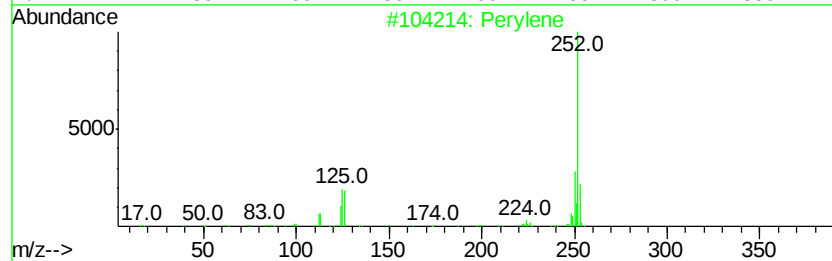
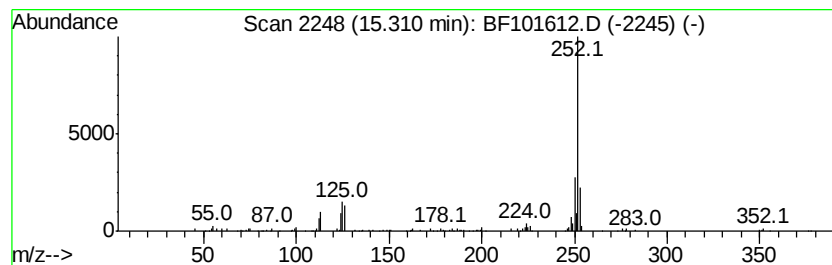
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	3.06 ng	94829	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	11.94	2.5	ng	86114	4	11.32	702917	20.0
Perylene	15.31	3.1	ng	94829	6	15.44	619746	20.0