

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101409.D
 Acq On : 14 Dec 2017 22:30
 Operator : SJ/JU
 Sample : I6843-01 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04-02

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	6.810	800	803	817	rBV	948231	1091020	63.10%	6.127%
2	7.081	845	849	853	rBV	21899	29476	1.70%	0.166%
3	8.098	1018	1022	1024	rBV	1395324	1381209	79.89%	7.756%
4	8.822	1141	1145	1153	rBV2	37952	51040	2.95%	0.287%
5	8.916	1155	1161	1168	rBV	28027	38454	2.22%	0.216%
6	9.445	1246	1251	1255	rBV	23384	33842	1.96%	0.190%
7	9.510	1258	1262	1265	rVV	31936	37376	2.16%	0.210%
8	9.539	1265	1267	1273	rVB2	26918	32829	1.90%	0.184%
9	9.628	1279	1282	1290	rBV3	17253	27249	1.58%	0.153%
10	9.716	1294	1297	1301	rBV2	46480	42806	2.48%	0.240%
11	9.775	1304	1307	1309	rBV	22458	23936	1.38%	0.134%
12	9.851	1316	1320	1333	rVB2	1636629	1604066	92.78%	9.007%
13	9.963	1333	1339	1343	rBV3	15068	24085	1.39%	0.135%
14	10.063	1349	1356	1359	rBV2	71322	81844	4.73%	0.460%
15	10.098	1359	1362	1366	rVB2	26073	29661	1.72%	0.167%
16	10.169	1371	1374	1377	rBV2	18744	18472	1.07%	0.104%
17	10.198	1377	1379	1385	rVB2	15423	19290	1.12%	0.108%
18	10.269	1385	1391	1397	rBV2	43588	64860	3.75%	0.364%
19	10.404	1410	1414	1421	rVB	191285	185497	10.73%	1.042%
20	10.563	1435	1441	1444	rBV	30229	37890	2.19%	0.213%
21	10.645	1451	1455	1459	rBV2	35446	52882	3.06%	0.297%
22	10.745	1469	1472	1482	rBV2	54022	74691	4.32%	0.419%
23	10.951	1502	1507	1510	rBV2	53333	64579	3.74%	0.363%
24	10.980	1510	1512	1515	rVV	23090	20506	1.19%	0.115%
25	11.033	1518	1521	1524	rVB	22574	18047	1.04%	0.101%
26	11.074	1524	1528	1530	rBV3	19088	20684	1.20%	0.116%
27	11.098	1530	1532	1537	rVV2	18235	22464	1.30%	0.126%
28	11.157	1537	1542	1545	rVV3	13970	19700	1.14%	0.111%
29	11.192	1545	1548	1550	rVV	59476	52474	3.03%	0.295%
30	11.239	1554	1556	1560	rVB	78456	66193	3.83%	0.372%
31	11.345	1570	1574	1576	rBV	1728978	1660258	96.03%	9.323%
32	11.369	1576	1578	1582	rVV	1542288	1201844	69.51%	6.749%
33	11.422	1582	1587	1592	rVV	530090	541454	31.32%	3.040%
34	11.463	1592	1594	1599	rVB	17412	21385	1.24%	0.120%

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Integrator: RTE

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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35	11.580	1610	1614	1618	rBV	195216	200703	11.61%	1.127%
36	11.692	1628	1633	1636	rVB3	16235	26647	1.54%	0.150%
37	11.845	1656	1659	1662	rBV	151248	139478	8.07%	0.783%
38	11.874	1662	1664	1669	rVB	194691	168347	9.74%	0.945%
39	11.927	1669	1673	1675	rBV	77822	77329	4.47%	0.434%
40	11.957	1675	1678	1681	rBV	248126	266974	15.44%	1.499%
41	12.027	1687	1690	1693	rBV2	32296	29934	1.73%	0.168%
42	12.139	1706	1709	1713	rVB	103815	90282	5.22%	0.507%
43	12.186	1713	1717	1721	rVB5	21312	23556	1.36%	0.132%
44	12.292	1730	1735	1738	rBV5	14815	20602	1.19%	0.116%
45	12.321	1738	1740	1742	rVB	21078	17747	1.03%	0.100%
46	12.392	1749	1752	1754	rBV	47603	46713	2.70%	0.262%
47	12.492	1764	1769	1777	rVB2	33961	49789	2.88%	0.280%
48	12.563	1777	1781	1785	rBV	1140130	1075559	62.21%	6.040%
49	12.627	1789	1792	1794	rVV2	23877	26420	1.53%	0.148%
50	12.657	1794	1797	1803	rVV	106115	99489	5.75%	0.559%
51	12.710	1803	1806	1809	rVV	39747	45276	2.62%	0.254%
52	12.792	1813	1820	1826	rVV2	898257	931486	53.88%	5.231%
53	12.839	1826	1828	1835	rVB2	47990	48643	2.81%	0.273%
54	12.916	1835	1841	1844	rBV	68673	77702	4.49%	0.436%
55	12.963	1845	1849	1852	rVV	38956	45610	2.64%	0.256%
56	13.010	1852	1857	1862	rVV2	63175	112151	6.49%	0.630%
57	13.045	1862	1863	1868	rVB2	18709	19514	1.13%	0.110%
58	13.098	1868	1872	1873	rBV3	51377	65773	3.80%	0.369%
59	13.121	1873	1876	1881	rVV	189570	187500	10.84%	1.053%
60	13.186	1884	1887	1890	rVV	207186	185424	10.72%	1.041%
61	13.221	1890	1893	1901	rVB2	90466	118180	6.84%	0.664%
62	13.316	1906	1909	1912	rVV	38785	39739	2.30%	0.223%
63	13.351	1912	1915	1921	rVB3	45074	61594	3.56%	0.346%
64	13.604	1954	1958	1961	rBV3	24454	30454	1.76%	0.171%
65	13.639	1961	1964	1971	rVB	41991	44771	2.59%	0.251%
66	13.745	1979	1982	1984	rBV	43893	43608	2.52%	0.245%
67	13.768	1984	1986	1988	rVB	62060	48869	2.83%	0.274%
68	13.792	1988	1990	1992	rBV	40234	40499	2.34%	0.227%
69	13.845	1997	1999	2003	rVB	31062	34014	1.97%	0.191%
70	13.910	2005	2010	2015	rBV4	15593	27680	1.60%	0.155%
71	13.992	2016	2024	2027	rBV2	1414537	1728975	100.00%	9.709%

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72	14.015	2027	2028	2036	rVB	318132	261967	15.15%	1.471%
73	14.157	2049	2052	2055	rBV3	20604	24135	1.40%	0.136%
74	14.227	2062	2064	2073	rVB2	38326	47240	2.73%	0.265%
75	14.380	2085	2090	2093	rBV	68892	76789	4.44%	0.431%
76	14.480	2105	2107	2109	rBV2	29659	24070	1.39%	0.135%
77	14.510	2109	2112	2113	rVV2	27190	27335	1.58%	0.153%
78	14.527	2113	2115	2119	rVB2	45915	44240	2.56%	0.248%
79	14.574	2121	2123	2125	rBV2	19089	18109	1.05%	0.102%
80	14.733	2147	2150	2153	rVB4	27693	26449	1.53%	0.149%
81	14.880	2172	2175	2178	rVB3	22606	21596	1.25%	0.121%
82	15.039	2197	2202	2204	rBV	187203	273944	15.84%	1.538%
83	15.062	2204	2206	2211	rVB2	125446	132451	7.66%	0.744%
84	15.145	2216	2220	2224	rBV	47344	55177	3.19%	0.310%
85	15.233	2231	2235	2240	rBV3	13273	23562	1.36%	0.132%
86	15.339	2249	2253	2259	rVB	99276	119621	6.92%	0.672%
87	15.404	2259	2264	2267	rBV	146866	181129	10.48%	1.017%
88	15.462	2267	2274	2289	rVB	709144	1006847	58.23%	5.654%
89	15.645	2299	2305	2307	rBV5	14979	28629	1.66%	0.161%
90	15.868	2339	2343	2346	rVB	22062	30195	1.75%	0.170%
91	16.033	2368	2371	2376	rVB3	16710	24989	1.45%	0.140%
92	16.357	2422	2426	2430	rBV4	19610	34284	1.98%	0.193%
93	16.739	2487	2491	2495	rBV3	10893	19614	1.13%	0.110%
94	16.945	2519	2526	2534	rBV2	78813	159108	9.20%	0.893%
95	17.115	2550	2555	2560	rBV2	16806	33055	1.91%	0.186%
96	17.180	2560	2566	2567	rBV6	13528	20400	1.18%	0.115%
97	17.392	2597	2602	2612	rVB	39250	83782	4.85%	0.470%
98	17.627	2638	2642	2644	rBV5	12753	20347	1.18%	0.114%

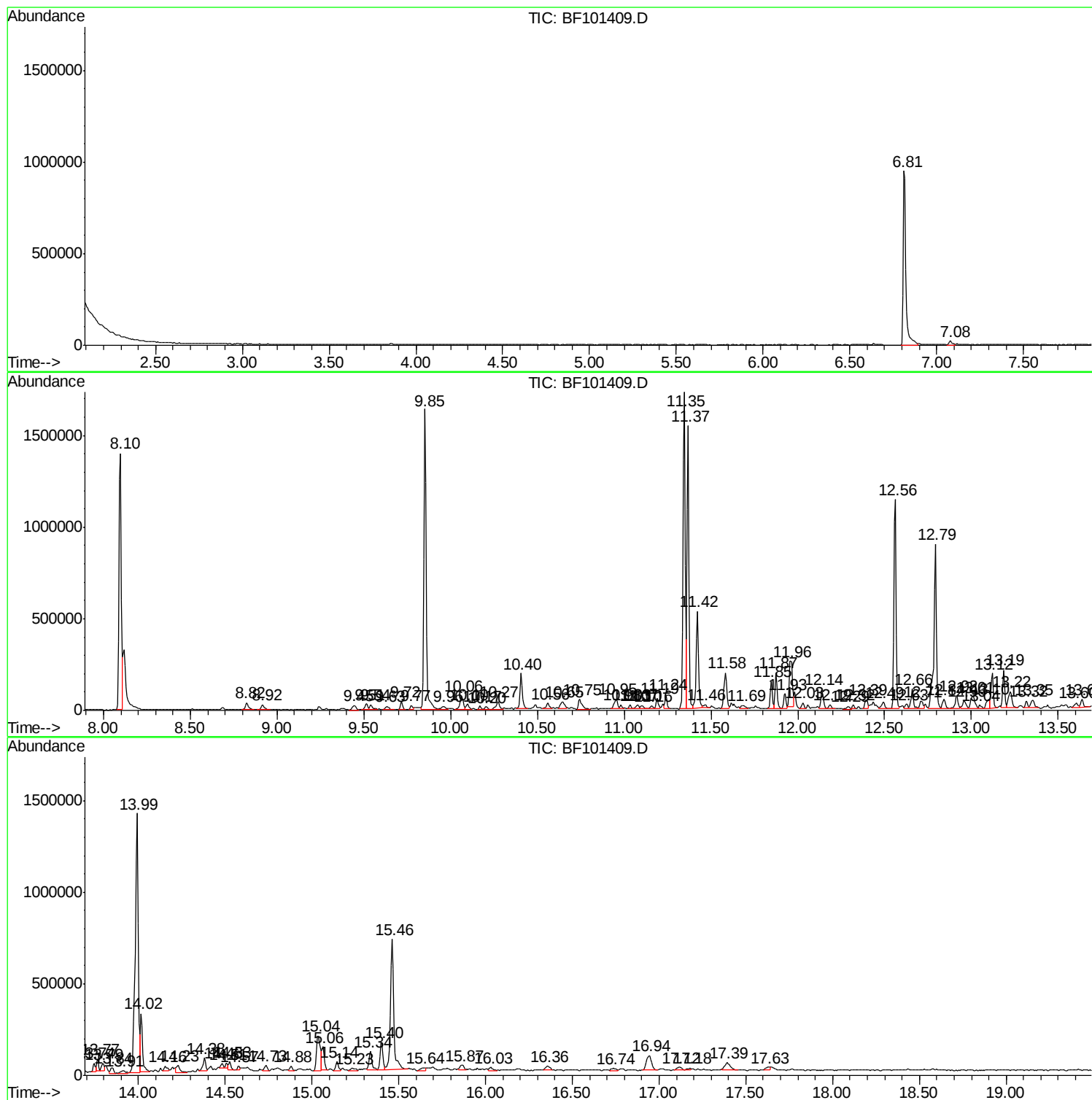
Sum of corrected areas: 17808158

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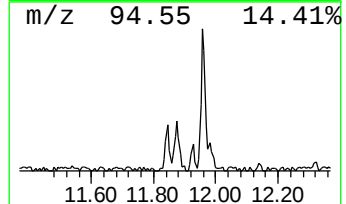
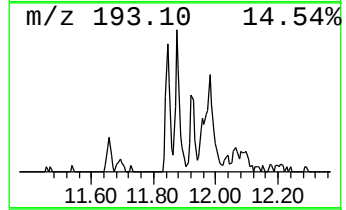
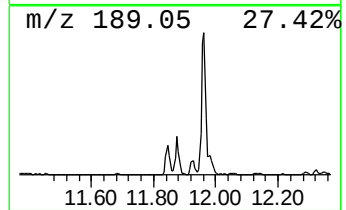
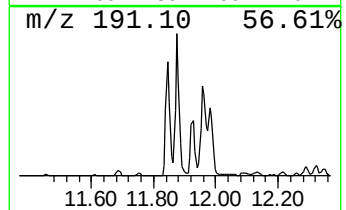
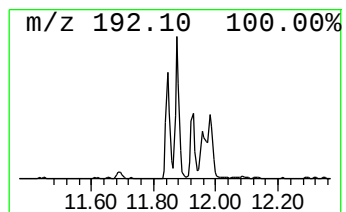
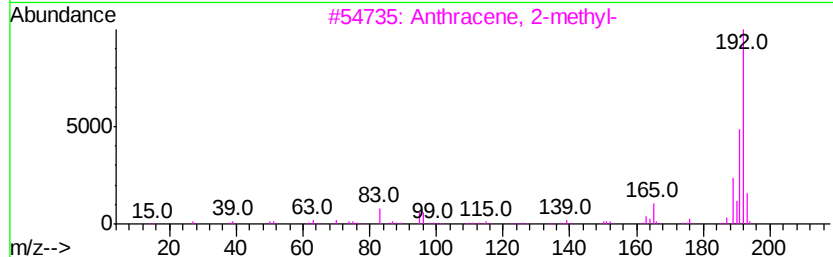
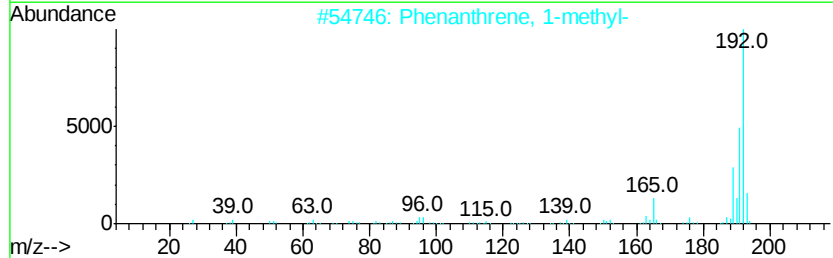
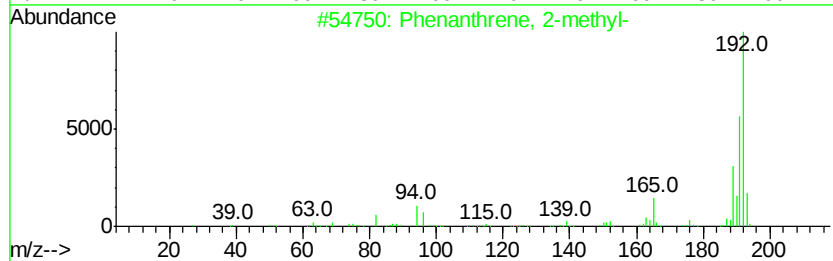
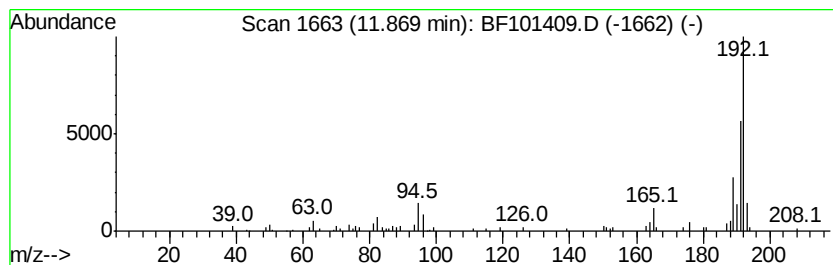
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.03 ng	168347	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



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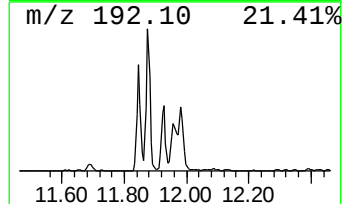
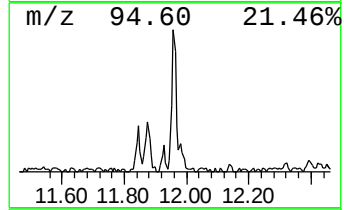
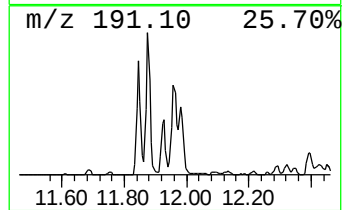
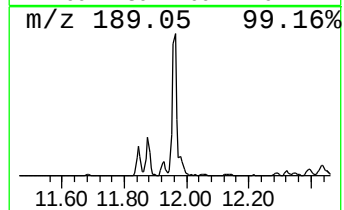
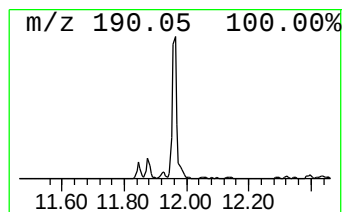
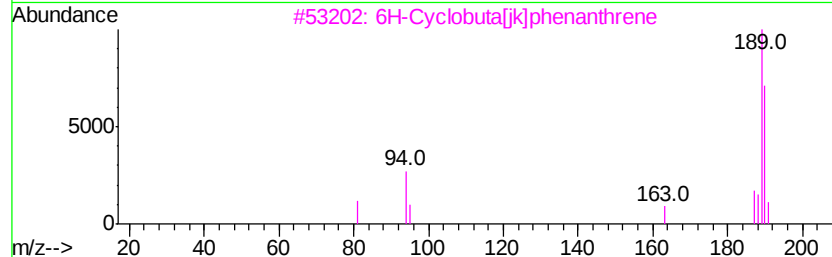
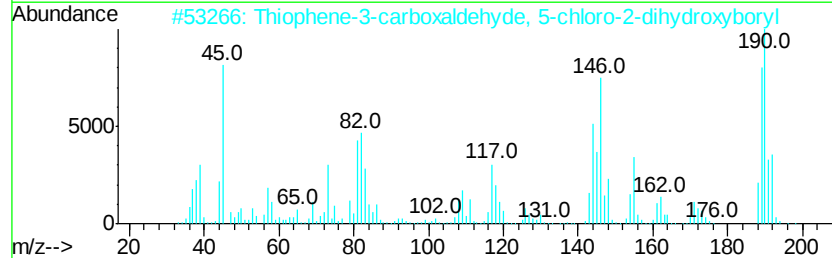
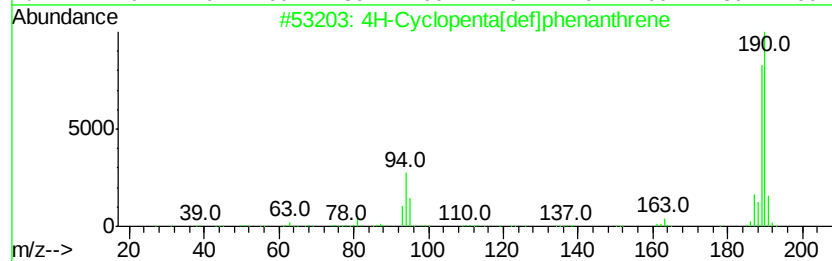
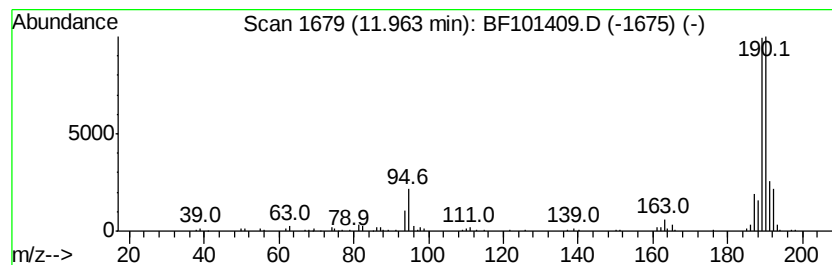
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	3.22 ng	266974	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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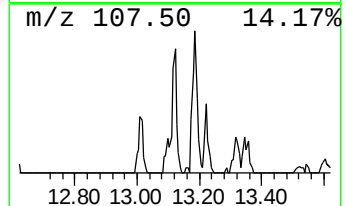
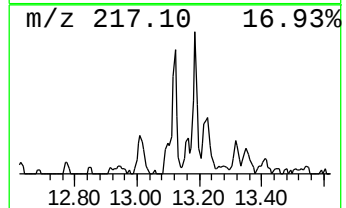
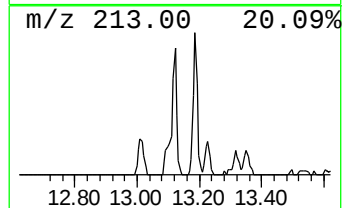
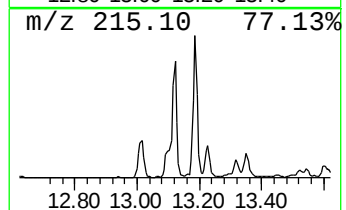
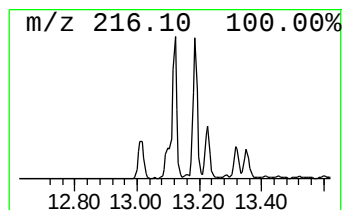
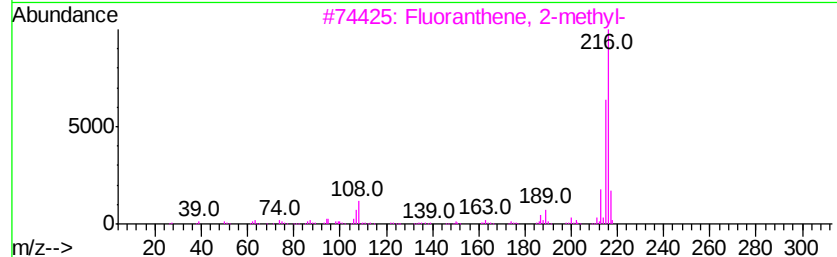
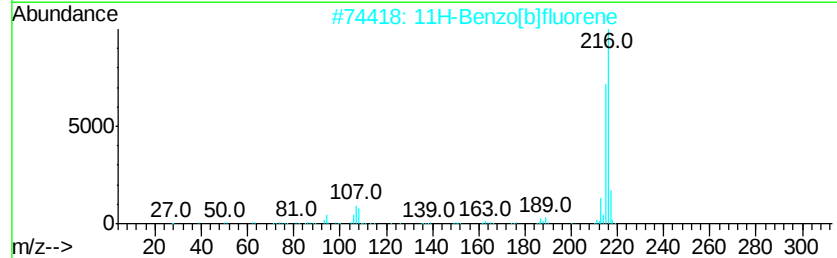
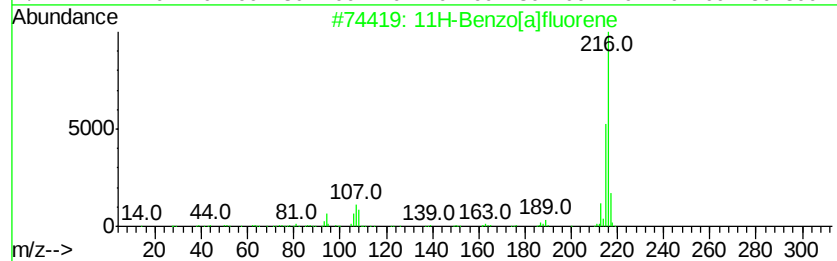
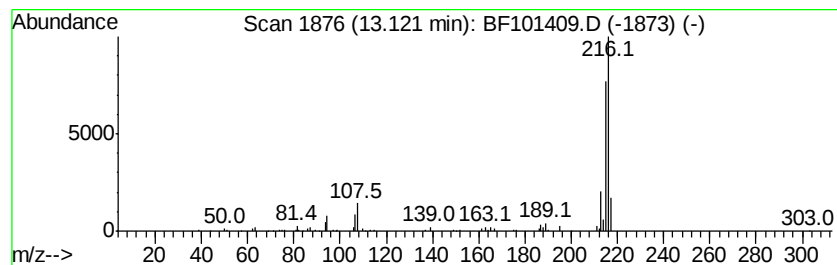
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.17 ng	187500	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	72
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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Data File : BF101409.D
Acq On : 14 Dec 2017 22:30
Operator : SJ/JU
Sample : I6843-01 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-04-02

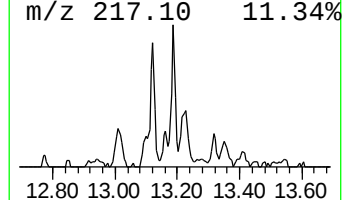
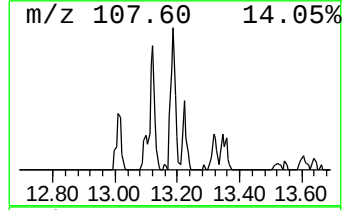
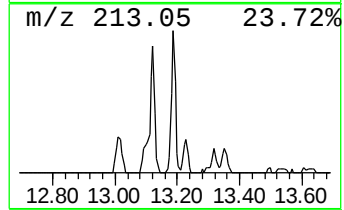
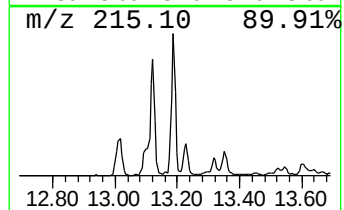
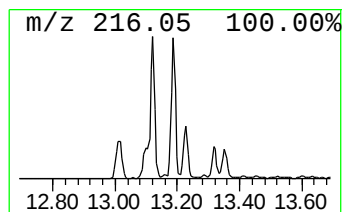
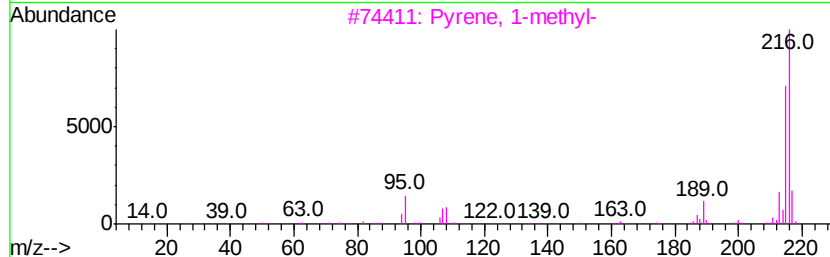
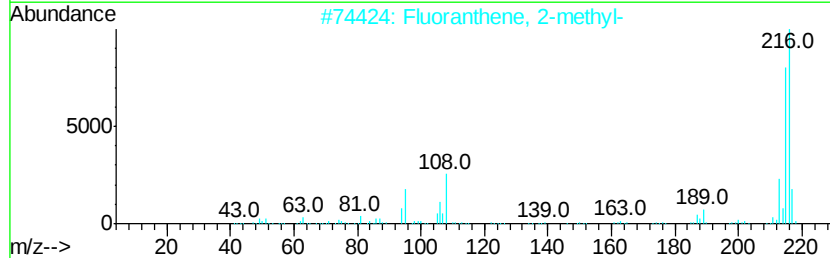
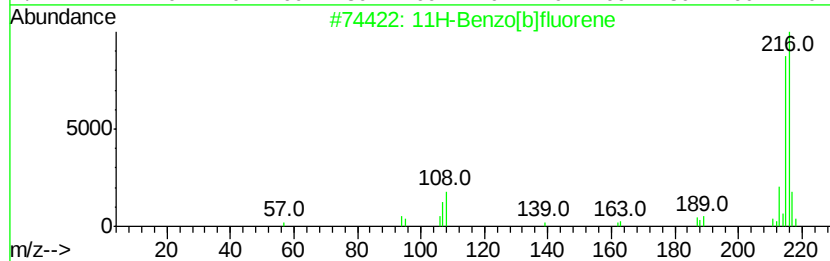
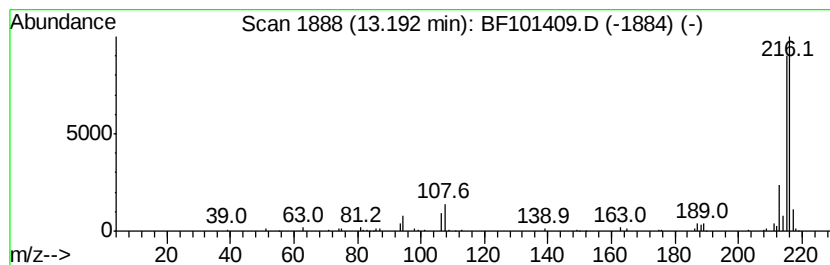
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.14 ng	185424	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101409.D
Acq On : 14 Dec 2017 22:30
Operator : SJ/JU
Sample : I6843-01 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

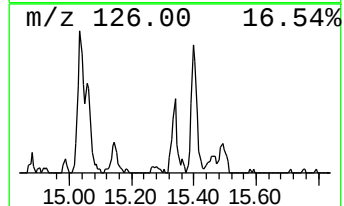
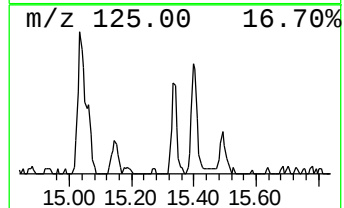
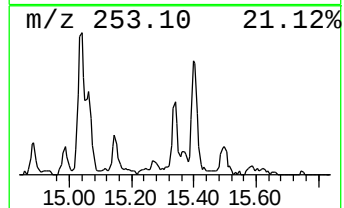
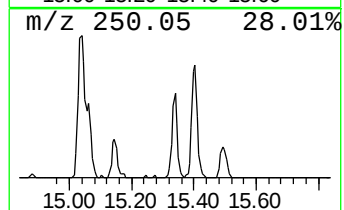
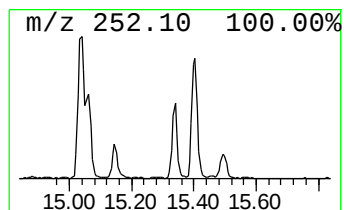
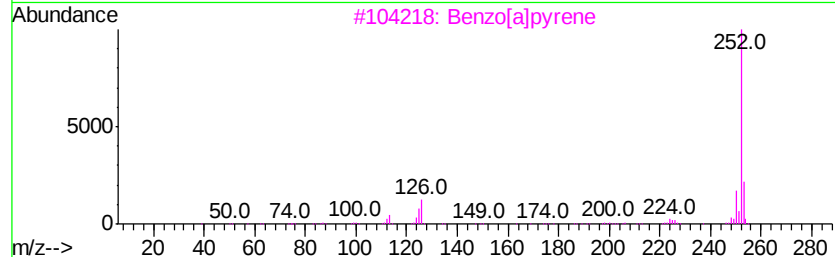
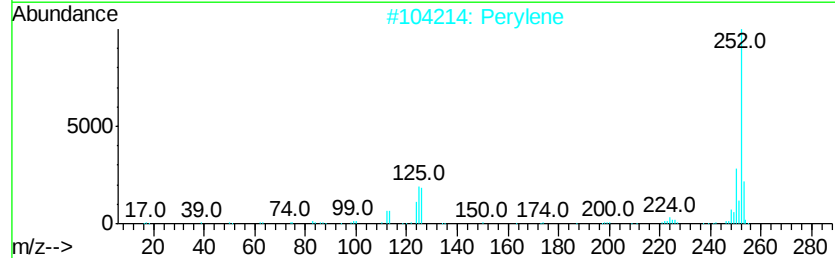
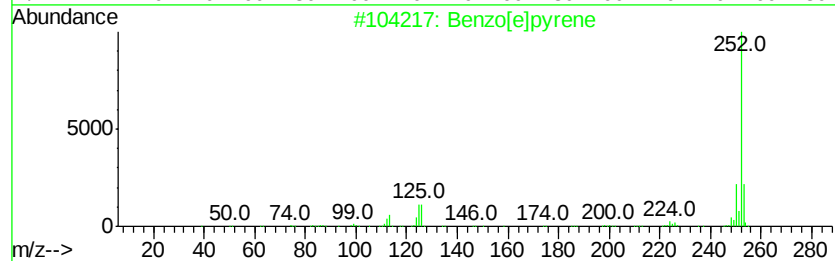
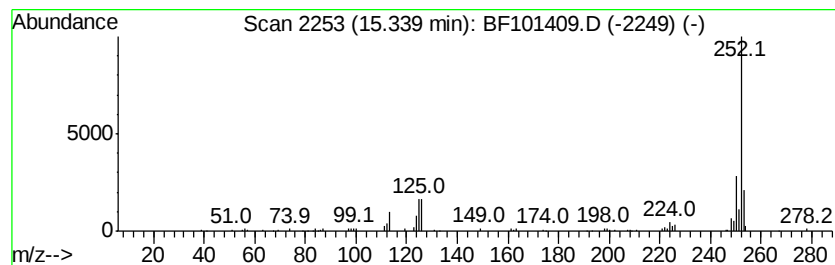
Instrument :
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ClientSampleId :
WC-04-02

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.34	2.38 ng	119621	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
Data File : BF101409.D
Acq On : 14 Dec 2017 22:30
Operator : SJ/JU
Sample : I6843-01 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-04-02

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	11.87	2.0	ng	168347	4	11.35	1660260	20.0
4H-Cyclopenta[def...	11.96	3.2	ng	266974	4	11.35	1660260	20.0
11H-Benzo[a]fluorene	13.12	2.2	ng	187500	5	13.99	1728980	20.0
11H-Benzo[b]fluorene	13.19	2.1	ng	185424	5	13.99	1728980	20.0
Benzo[e]pyrene	15.34	2.4	ng	119621	6	15.46	1006850	20.0