

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119752.D
 Acq On : 4 Apr 2020 8:29
 Operator : MA/SJ
 Sample : L2129-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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	5.428	562	568	571	rVB	6090901	6575757	40.84%	2.717%
2	6.439	734	740	743	rBV	5103828	6576285	40.85%	2.717%
3	6.804	798	802	805	rBV	1409423	1125168	6.99%	0.465%
4	6.963	824	829	832	rBV	5948639	5215317	32.39%	2.155%
5	7.369	887	898	901	rBV	3949982	4462393	27.72%	1.844%
6	8.086	1015	1020	1022	rBV	1626985	1465596	9.10%	0.606%
7	8.804	1135	1142	1145	rVB	808876	716678	4.45%	0.296%
8	8.898	1154	1158	1162	rVB	802717	716582	4.45%	0.296%
9	9.169	1199	1204	1207	rVB	7121792	6761002	41.99%	2.793%
10	9.433	1242	1249	1252	rBV	586116	841628	5.23%	0.348%
11	9.504	1256	1261	1263	rBV	1178117	1151995	7.16%	0.476%
12	9.527	1263	1265	1268	rVB	739763	589042	3.66%	0.243%
13	9.563	1268	1271	1275	rVB	891630	869711	5.40%	0.359%
14	9.622	1275	1281	1283	rBV2	586475	617149	3.83%	0.255%
15	9.704	1292	1295	1299	rVB	1112040	916593	5.69%	0.379%
16	9.845	1317	1319	1322	rVV	1641144	1313945	8.16%	0.543%
17	9.880	1322	1325	1328	rVB	2575102	2068199	12.85%	0.855%
18	10.051	1350	1354	1357	rVB2	2239525	1938645	12.04%	0.801%
19	10.163	1369	1373	1376	rBV2	618647	644248	4.00%	0.266%
20	10.251	1384	1388	1390	rVV	549004	640764	3.98%	0.265%
21	10.392	1408	1412	1418	rVV2	2131273	2190975	13.61%	0.905%
22	10.480	1425	1427	1429	rVV2	697605	593817	3.69%	0.245%
23	10.551	1436	1439	1444	rVV	1728954	1526377	9.48%	0.631%
24	10.639	1444	1454	1457	rVV	4929698	5648484	35.08%	2.334%
25	10.680	1457	1461	1465	rVB2	479037	589759	3.66%	0.244%
26	10.757	1470	1474	1480	rVB3	977831	1217573	7.56%	0.503%
27	10.945	1499	1506	1508	rBV4	764198	1332705	8.28%	0.551%
28	11.074	1522	1528	1530	rBV2	1025050	1397808	8.68%	0.578%
29	11.098	1530	1532	1534	rVV	859074	825785	5.13%	0.341%
30	11.145	1536	1540	1543	rVB	2396116	2344578	14.56%	0.969%
31	11.186	1543	1547	1552	rBV3	1132537	1822437	11.32%	0.753%
32	11.233	1552	1555	1561	rVB	1532137	1553699	9.65%	0.642%
33	11.374	1567	1579	1581	rBV	10418527	16099788	100.00%	6.652%
34	11.416	1581	1586	1588	rVV	3760779	3482126	21.63%	1.439%

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Integrator: RTE

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.439	1588	1590	1594	rVB2	672212	640607	3.98%	0.265%
36	11.569	1609	1612	1614	rVV	1991075	1806841	11.22%	0.747%
37	11.586	1614	1615	1620	rVV2	537208	661746	4.11%	0.273%
38	11.633	1620	1623	1626	rVV3	776951	714223	4.44%	0.295%
39	11.669	1626	1629	1634	rVB5	971461	975985	6.06%	0.403%
40	11.839	1653	1658	1661	rBV	3003733	3615975	22.46%	1.494%
41	11.869	1661	1663	1667	rVB	4853794	4464475	27.73%	1.845%
42	11.916	1667	1671	1674	rBV	1605441	1447125	8.99%	0.598%
43	11.951	1674	1677	1680	rVV	3472052	4171835	25.91%	1.724%
44	11.974	1680	1681	1685	rVB	2628100	1764122	10.96%	0.729%
45	12.016	1685	1688	1690	rBV3	561228	610840	3.79%	0.252%
46	12.133	1705	1708	1711	rVV	1829779	1899135	11.80%	0.785%
47	12.163	1711	1713	1716	rVB	2589061	2227686	13.84%	0.920%
48	12.286	1728	1734	1736	rBV3	890569	1225324	7.61%	0.506%
49	12.316	1736	1739	1741	rVV	827899	688098	4.27%	0.284%
50	12.339	1741	1743	1746	rVB	908310	701465	4.36%	0.290%
51	12.392	1747	1752	1754	rBV	1742290	2092939	13.00%	0.865%
52	12.427	1755	1758	1760	rVV2	1078867	1370664	8.51%	0.566%
53	12.451	1760	1762	1764	rVV	793881	668385	4.15%	0.276%
54	12.480	1764	1767	1772	rVB	1842500	2274857	14.13%	0.940%
55	12.568	1773	1782	1785	rBV	9036116	13313349	82.69%	5.501%
56	12.692	1799	1803	1807	rBV4	1162366	1562835	9.71%	0.646%
57	12.798	1814	1821	1824	rBV3	8143263	13358866	82.98%	5.519%
58	12.833	1824	1827	1832	rVB2	1425789	1705710	10.59%	0.705%
59	12.904	1834	1839	1840	rBV	1410816	1561005	9.70%	0.645%
60	12.927	1840	1843	1850	rVB2	5014405	5787575	35.95%	2.391%
61	13.004	1850	1856	1859	rBV2	1742515	3102881	19.27%	1.282%
62	13.086	1867	1870	1872	rVV2	1577050	1725237	10.72%	0.713%
63	13.110	1872	1874	1877	rVB	2009544	1879113	11.67%	0.776%
64	13.157	1877	1882	1883	rBV3	437508	687548	4.27%	0.284%
65	13.216	1888	1892	1895	rBV2	2567225	2870365	17.83%	1.186%
66	13.310	1905	1908	1910	rBV	1178492	956661	5.94%	0.395%
67	13.339	1910	1913	1916	rVV2	1127746	1105595	6.87%	0.457%
68	13.410	1922	1925	1930	rVB4	384695	622639	3.87%	0.257%
69	13.504	1935	1941	1944	rBV5	683822	1500900	9.32%	0.620%
70	13.533	1944	1946	1949	rVB	613114	587973	3.65%	0.243%
71	13.621	1957	1961	1965	rVB	2859848	2817443	17.50%	1.164%

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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

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72	13.727	1975	1979	1982	rBV	2007894	2509259	15.59%	1.037%
73	13.763	1982	1985	1987	rVV	1524905	1397036	8.68%	0.577%
74	13.786	1987	1989	1994	rVV3	776954	1157737	7.19%	0.478%
75	13.833	1994	1997	2003	rVB	2892444	3111327	19.33%	1.285%
76	13.898	2003	2008	2011	rBV	481390	688111	4.27%	0.284%
77	13.980	2015	2022	2025	rBV2	5640572	9558891	59.37%	3.949%
78	14.021	2025	2029	2035	rVB	5871659	7372105	45.79%	3.046%
79	14.210	2057	2061	2064	rBV3	1007840	1250375	7.77%	0.517%
80	14.333	2079	2082	2084	rVV2	698583	714726	4.44%	0.295%
81	14.374	2084	2089	2091	rVV	2190277	2421093	15.04%	1.000%
82	14.404	2091	2094	2098	rVV2	1264752	1370380	8.51%	0.566%
83	14.462	2098	2104	2107	rVV3	675425	1305312	8.11%	0.539%
84	14.498	2107	2110	2111	rVV2	973400	891683	5.54%	0.368%
85	14.515	2111	2113	2117	rVB2	643121	605709	3.76%	0.250%
86	14.562	2117	2121	2127	rVB3	771429	1149475	7.14%	0.475%
87	14.674	2136	2140	2143	rBV3	727656	965890	6.00%	0.399%
88	14.862	2168	2172	2175	rVV2	619523	974311	6.05%	0.403%
89	15.033	2194	2201	2204	rBV	4120971	8243380	51.20%	3.406%
90	15.057	2204	2205	2208	rVV	3002255	1719521	10.68%	0.710%
91	15.092	2208	2211	2214	rVV2	461829	588446	3.65%	0.243%
92	15.127	2214	2217	2220	rVB	1168957	1153957	7.17%	0.477%
93	15.227	2228	2234	2239	rBV2	492104	1213453	7.54%	0.501%
94	15.327	2245	2251	2256	rVB	2328659	3697268	22.96%	1.528%
95	15.392	2256	2262	2266	rVB	3441951	4737708	29.43%	1.957%
96	15.445	2267	2271	2273	rBV	794215	1009051	6.27%	0.417%
97	15.474	2273	2276	2283	rVB2	976843	1653172	10.27%	0.683%
98	16.898	2511	2518	2525	rVB2	1371989	2822441	17.53%	1.166%
99	17.062	2541	2546	2551	rBV	363043	674483	4.19%	0.279%
100	17.333	2585	2592	2606	rVB	891330	2077201	12.90%	0.858%

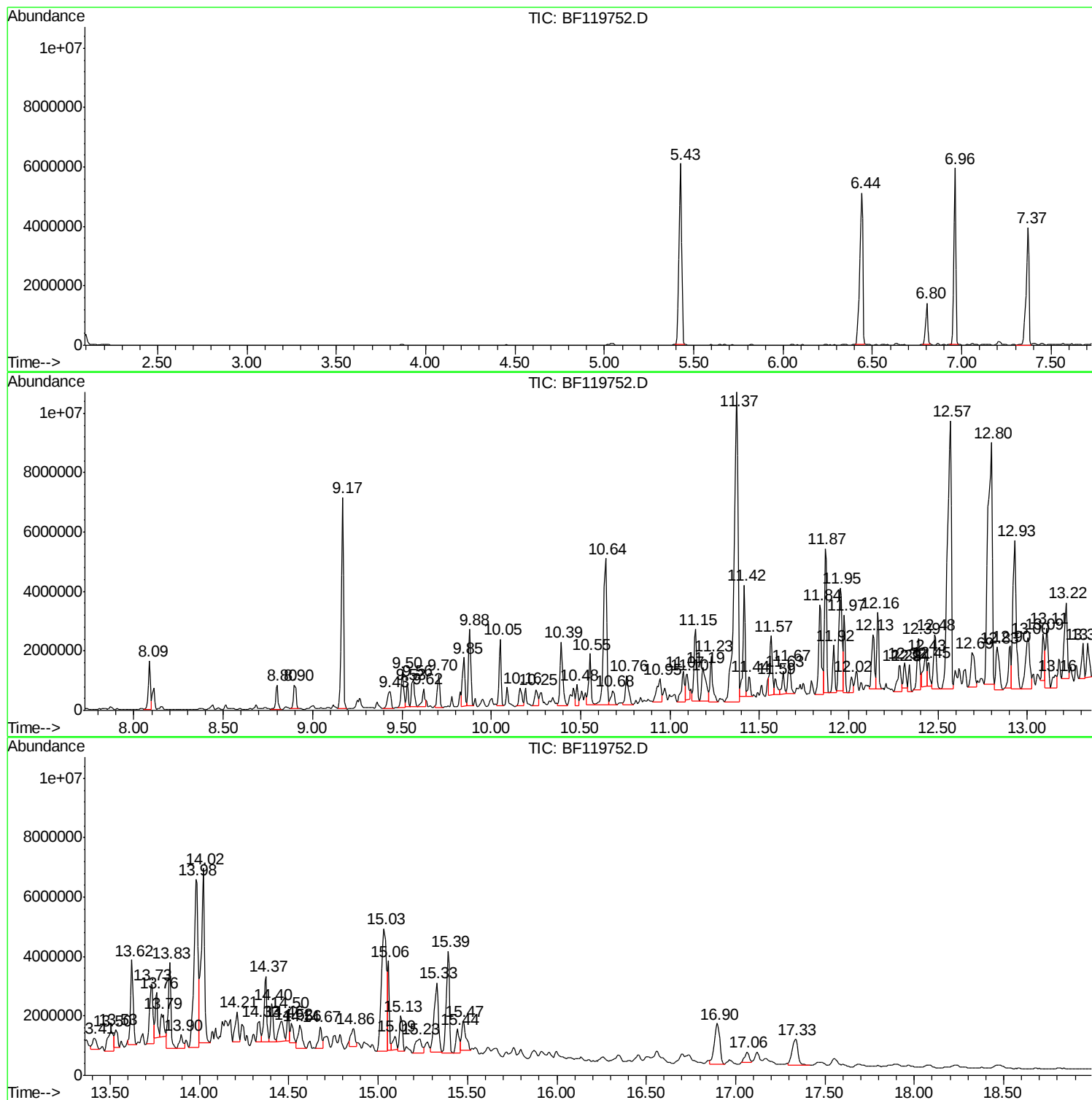
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Instrument :
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ClientSampled :
TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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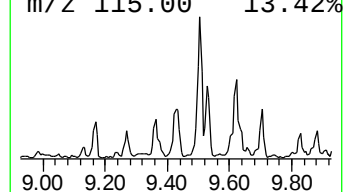
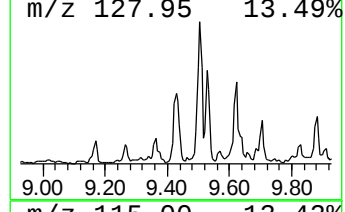
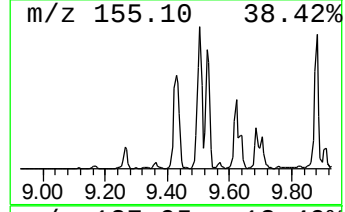
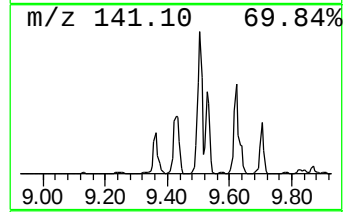
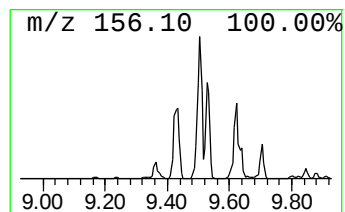
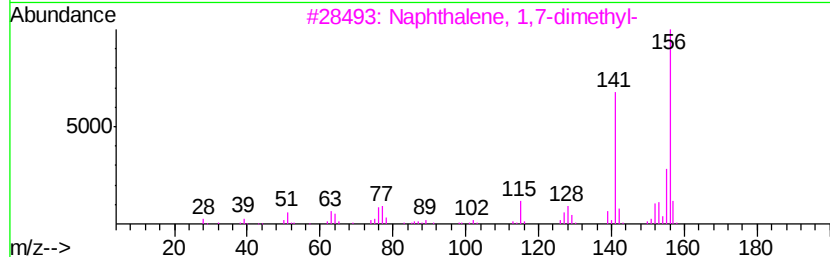
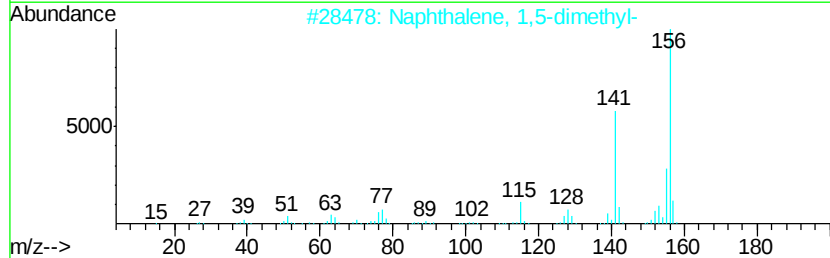
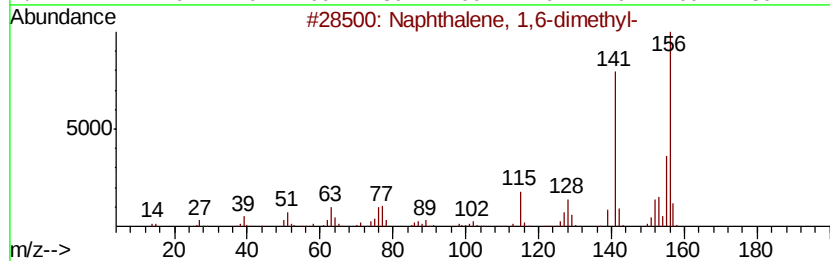
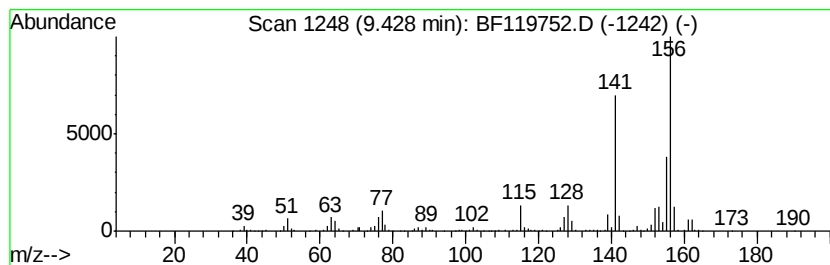
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.43	12.81 ng	841628	Acenaphthene-d10		9.85		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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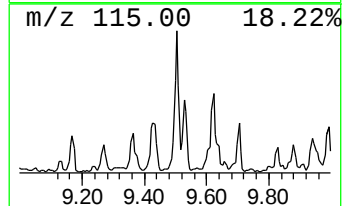
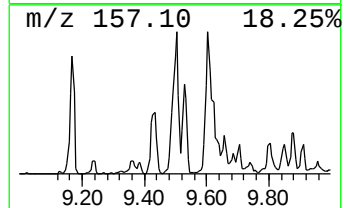
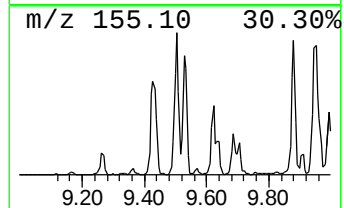
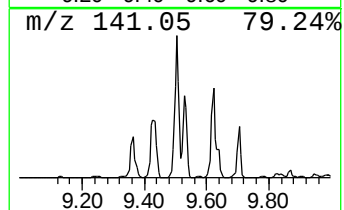
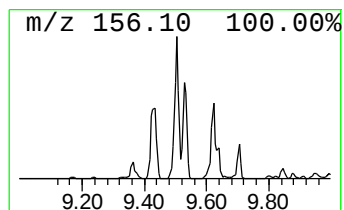
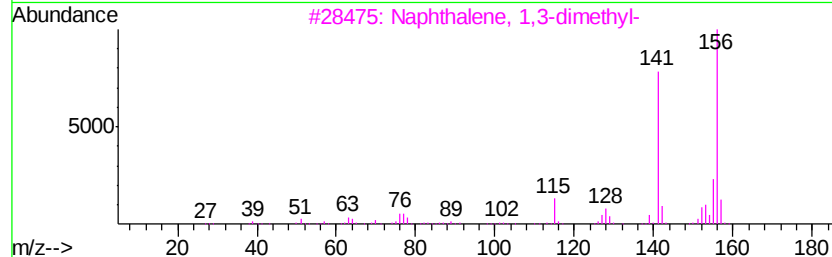
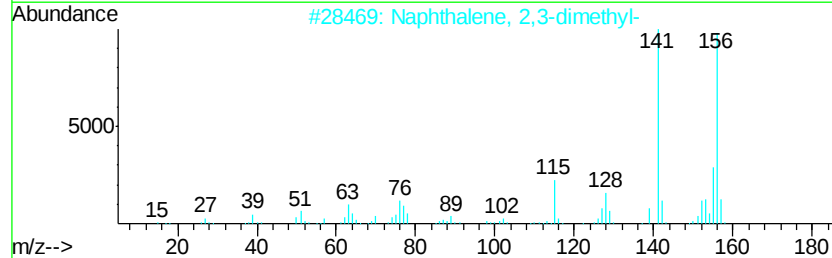
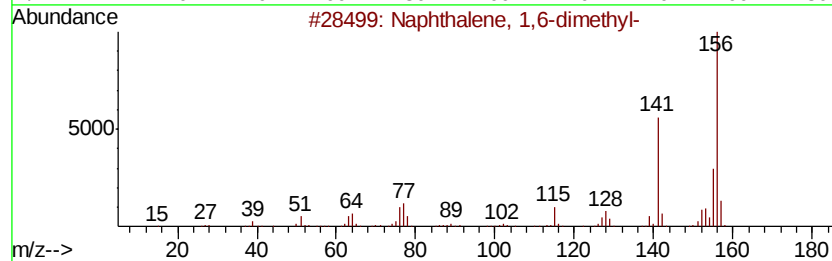
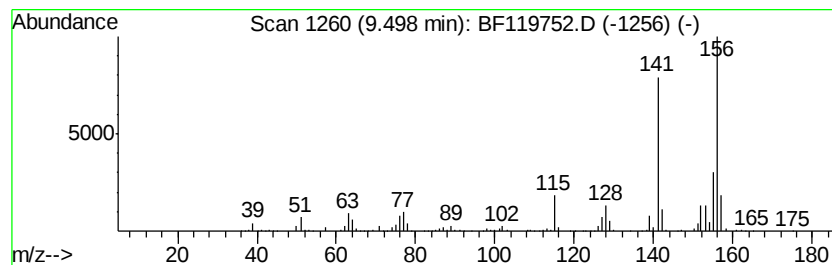
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	17.53 ng	1152000	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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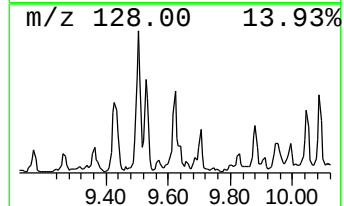
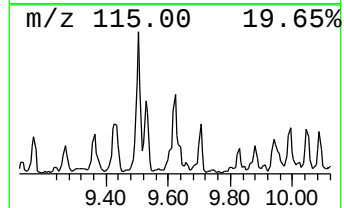
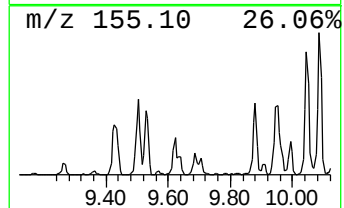
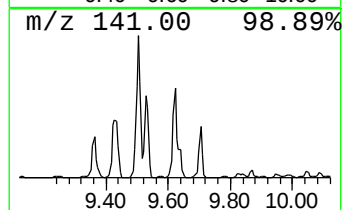
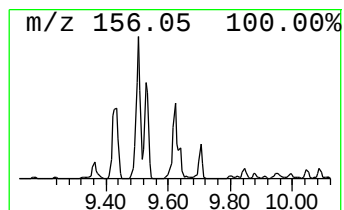
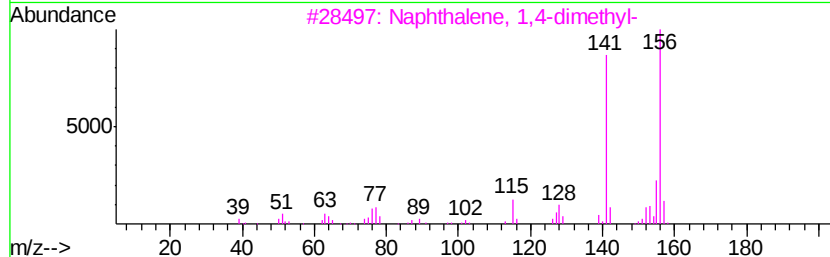
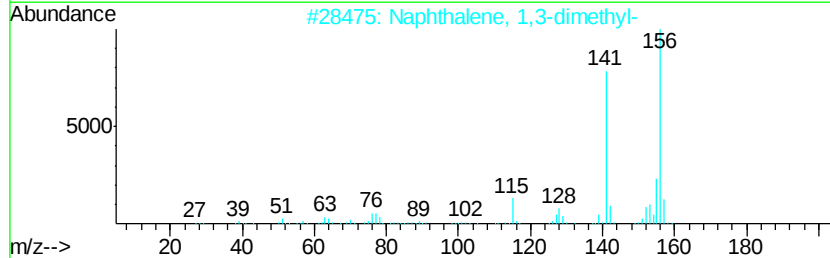
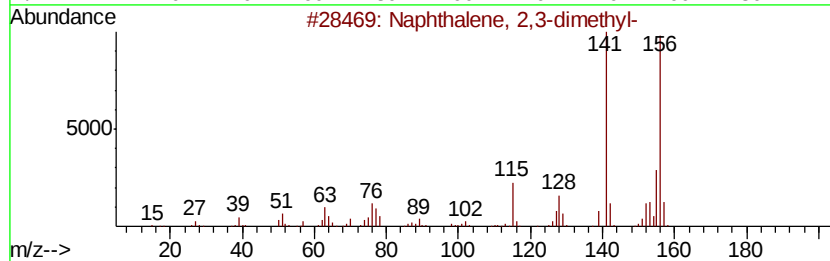
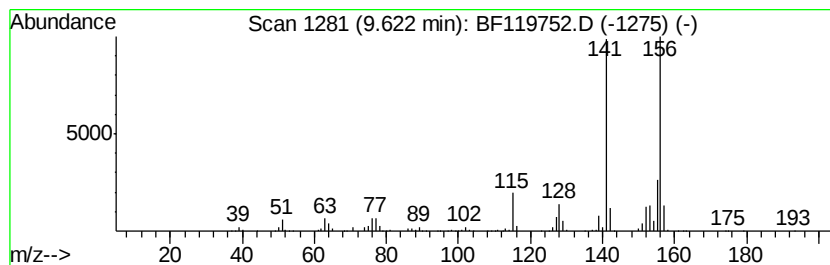
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	9.39 ng	617149	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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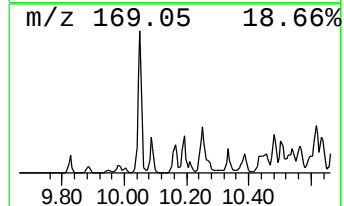
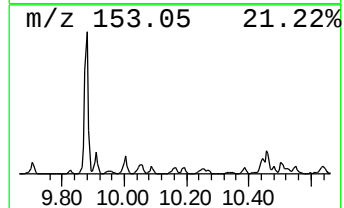
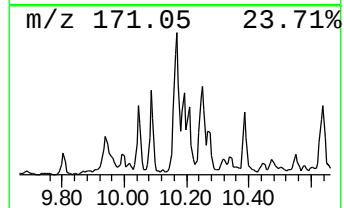
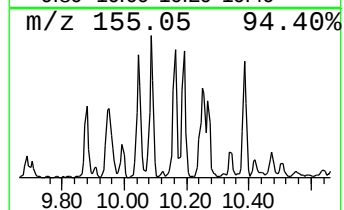
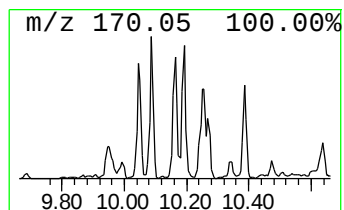
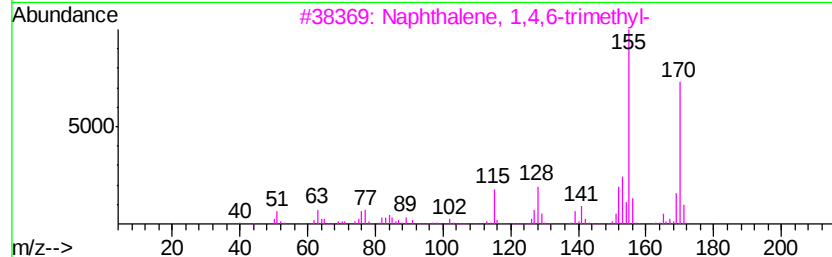
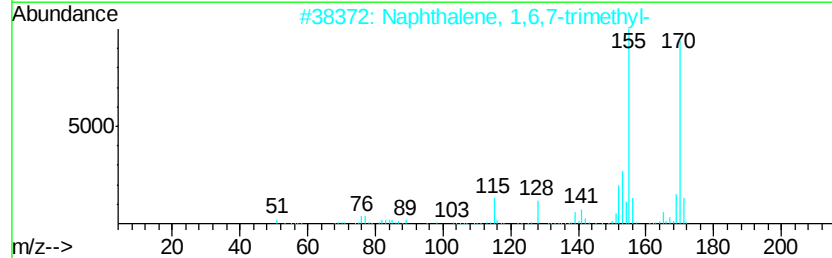
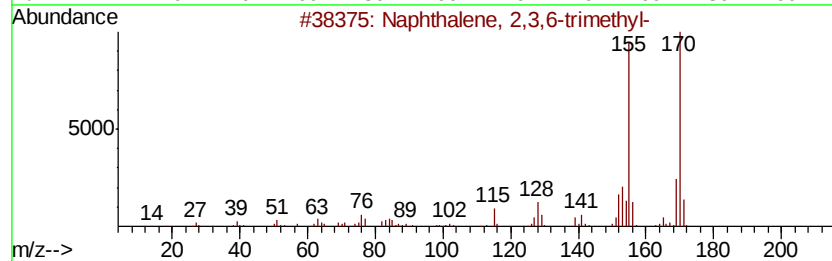
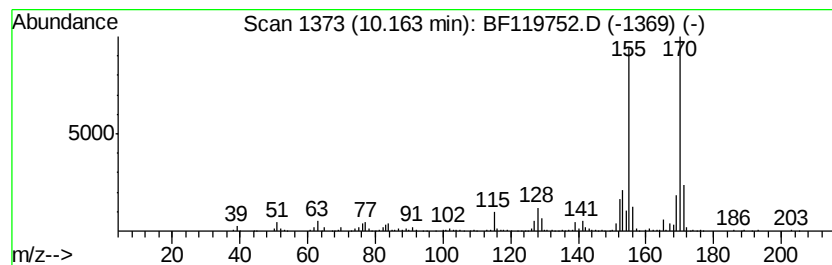
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	9.81 ng	644248	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

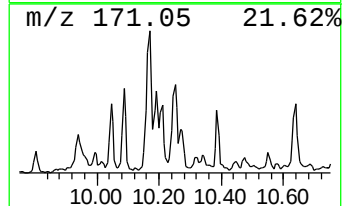
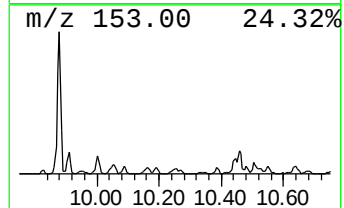
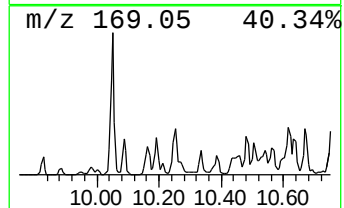
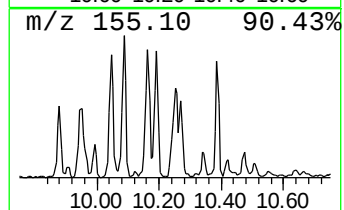
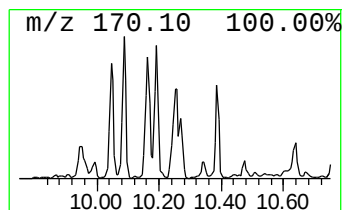
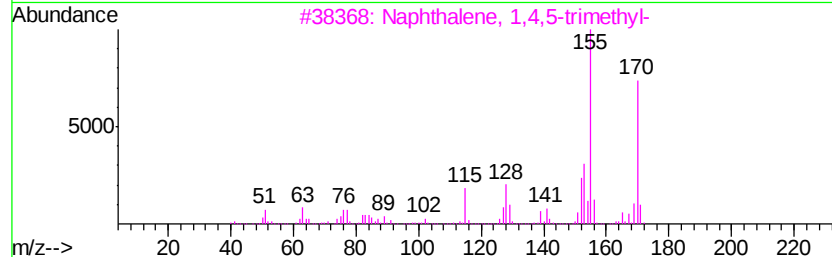
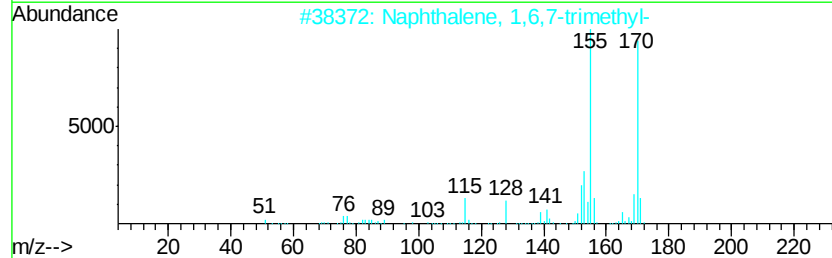
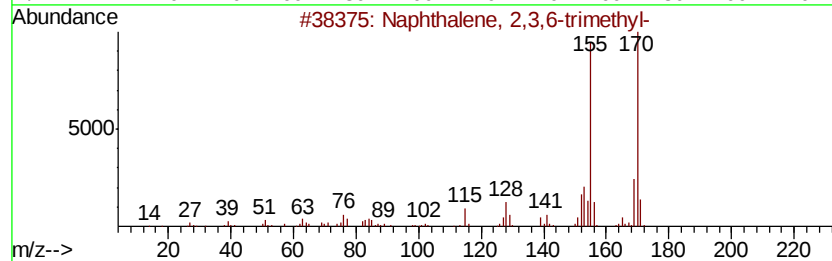
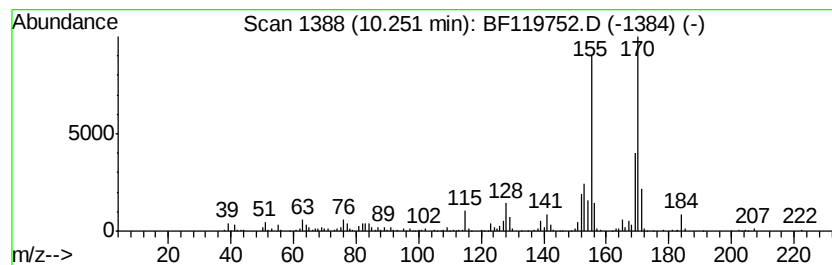
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.25	9.75 ng	640764	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Operator : MA/SJ
Sample : L2129-11
Misc :
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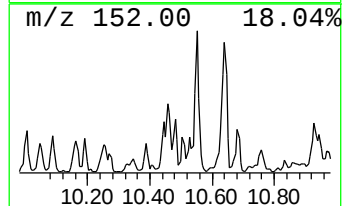
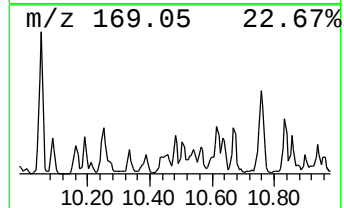
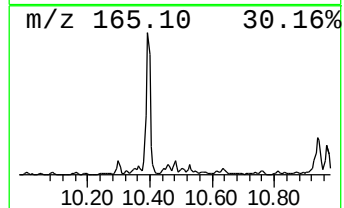
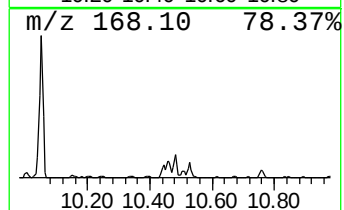
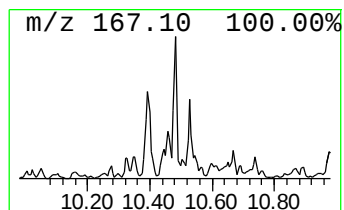
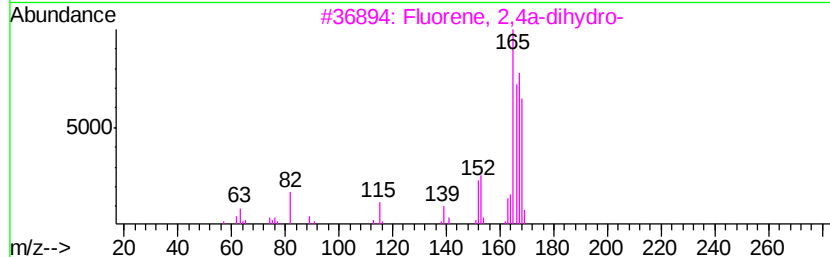
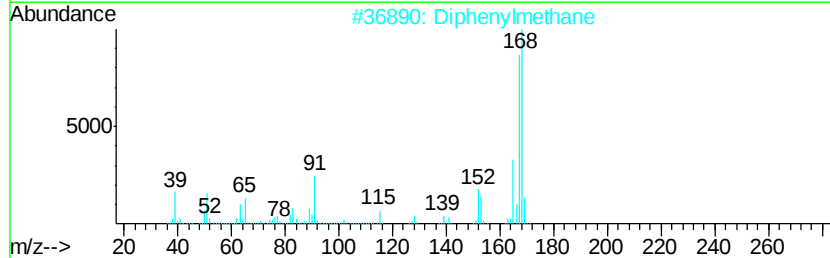
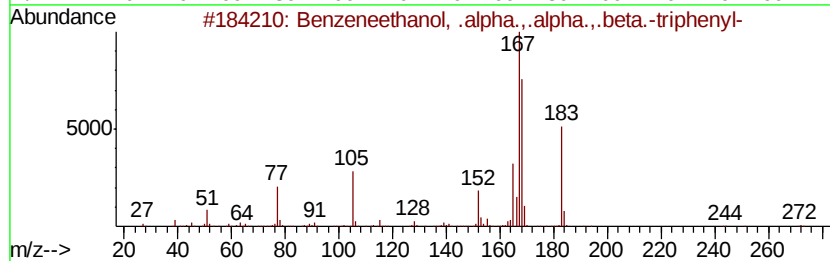
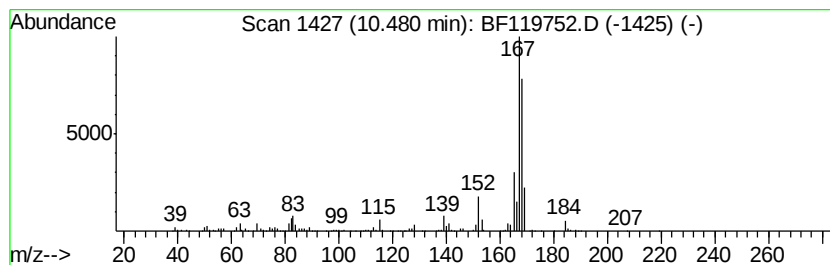
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzeneethanol, .alpha.,.al... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.48	9.04 ng	593817	Acenaphthene-d10		9.85		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	78
2			Diphenylmethane	168	C13H12	000101-81-5	72
3			Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	59
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52



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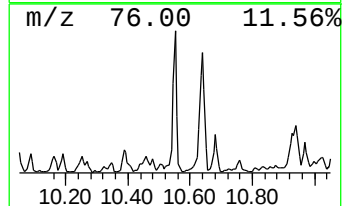
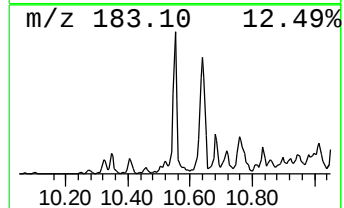
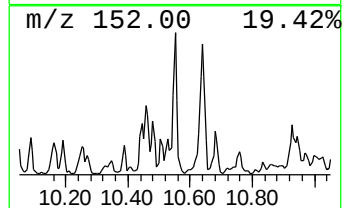
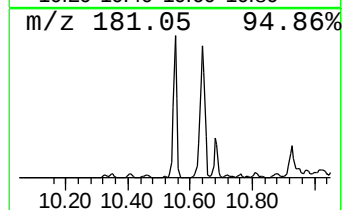
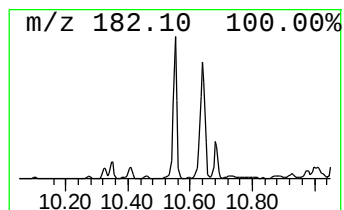
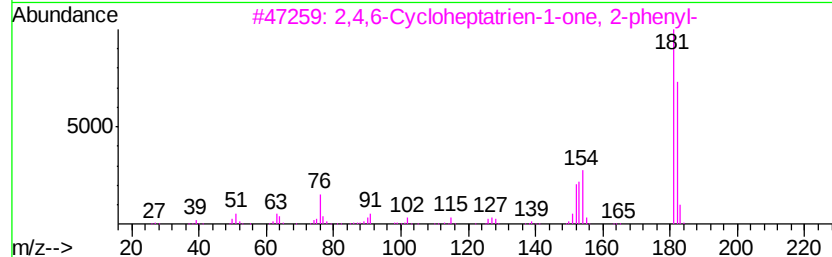
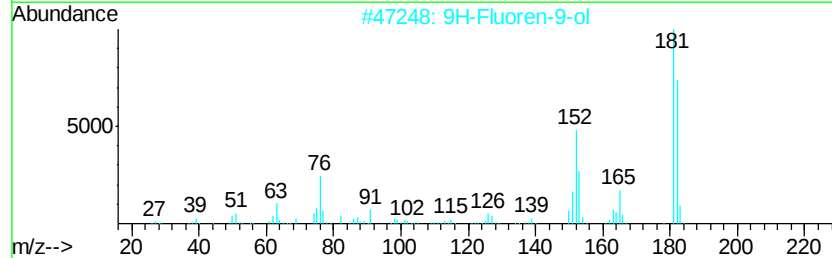
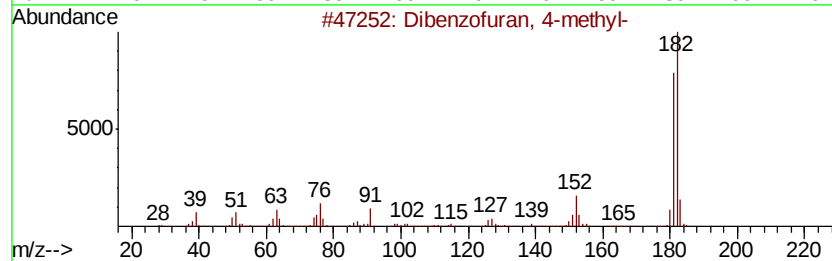
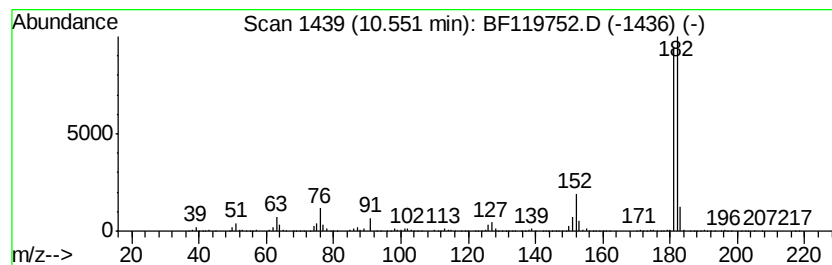
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	23.23 ng	1526380	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	78
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



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ClientSampleId :
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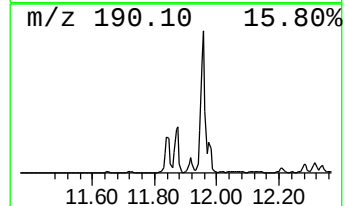
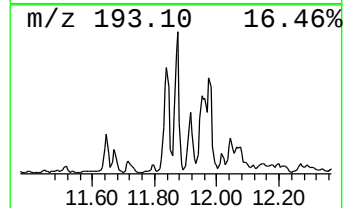
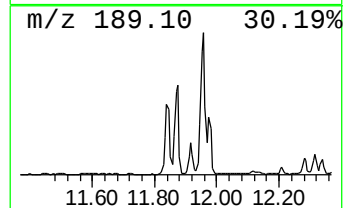
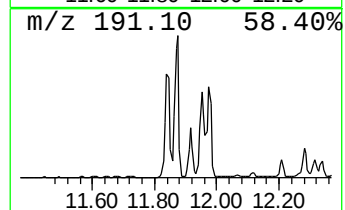
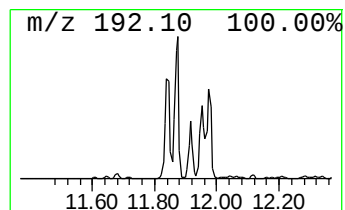
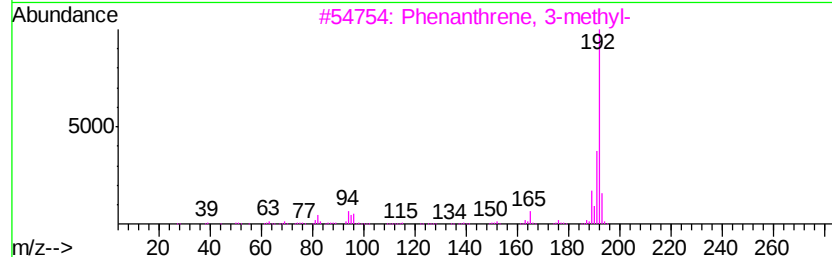
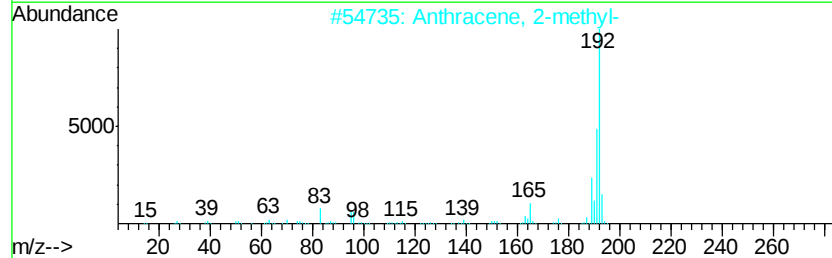
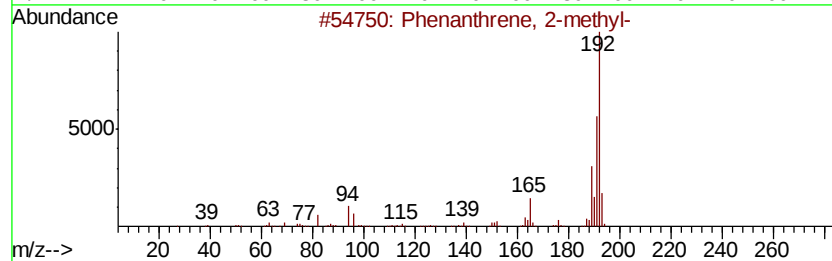
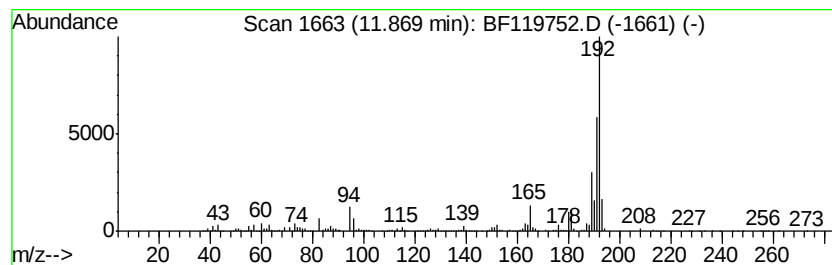
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.55 ng	4464480	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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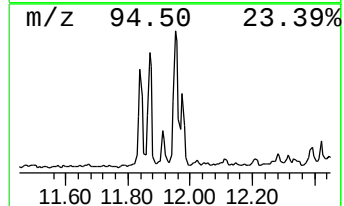
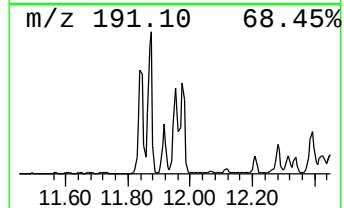
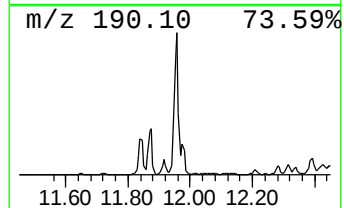
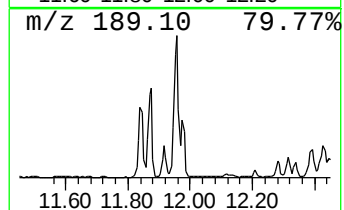
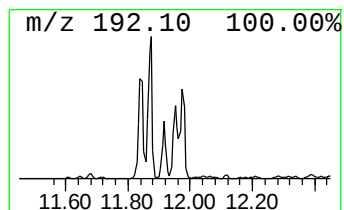
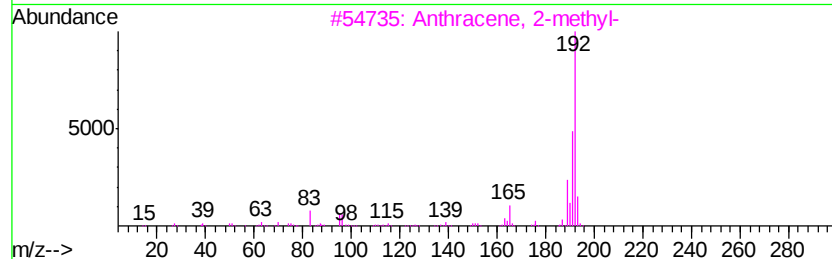
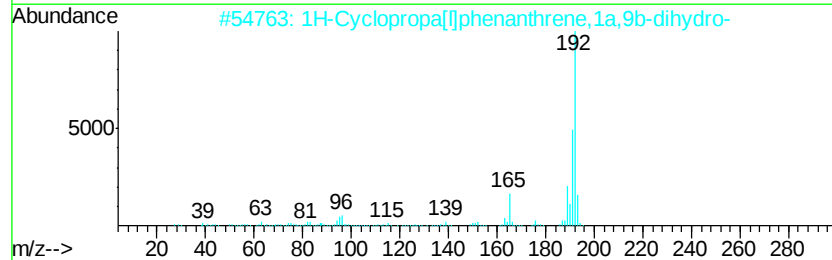
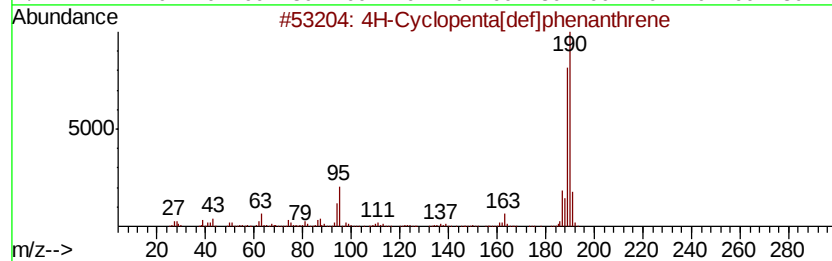
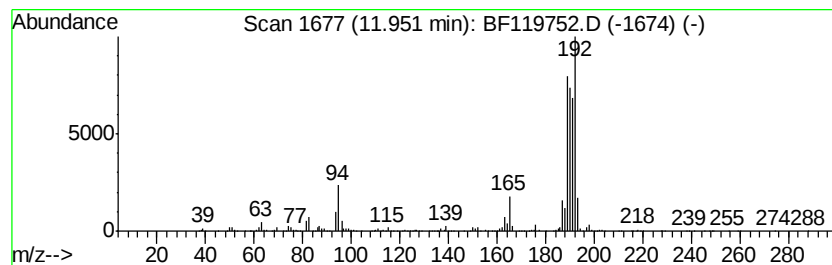
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.18 ng	4171840	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2			1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	46
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



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Data File : BF119752.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :
TP-7

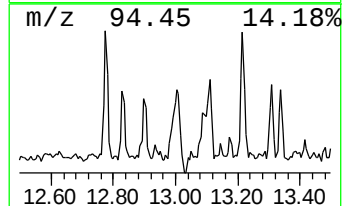
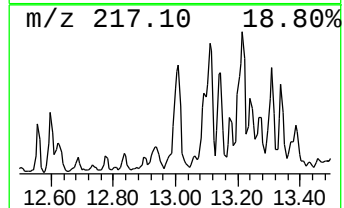
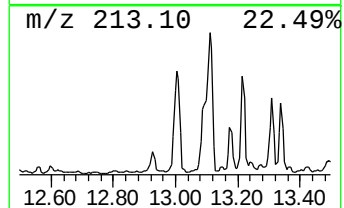
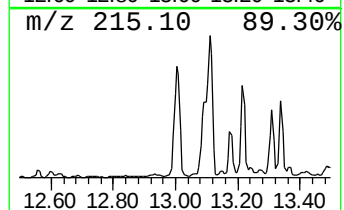
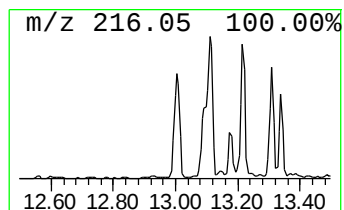
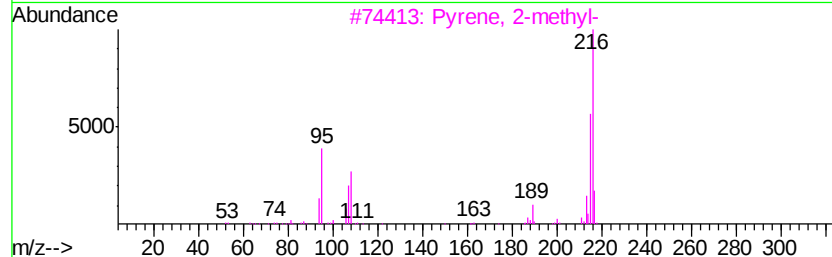
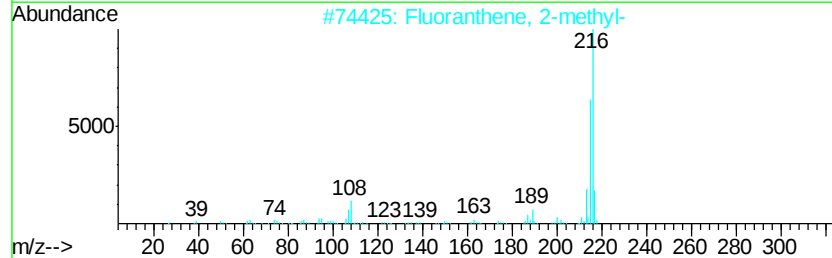
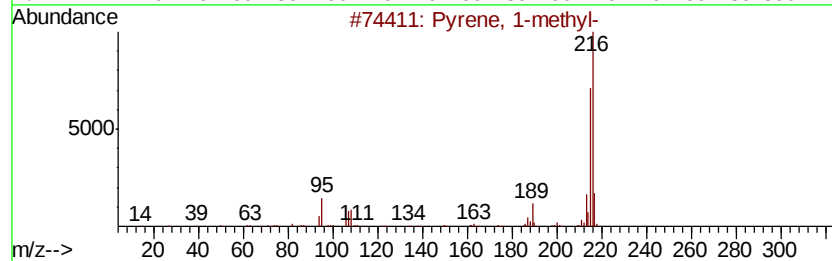
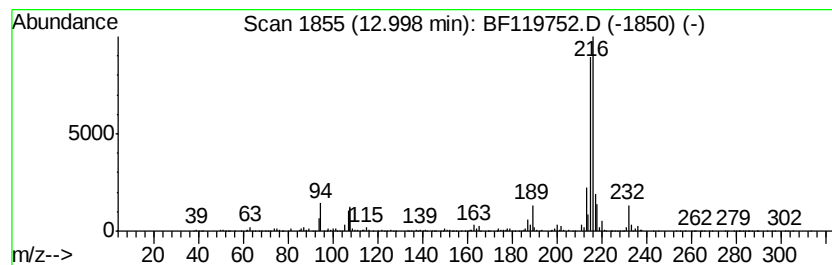
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.49 ng	3102880	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

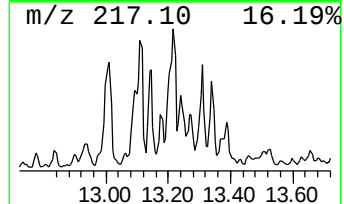
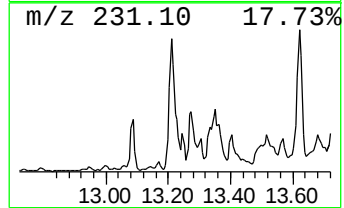
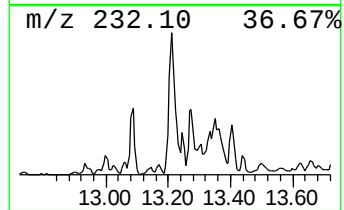
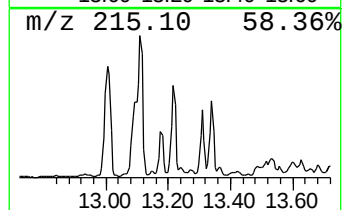
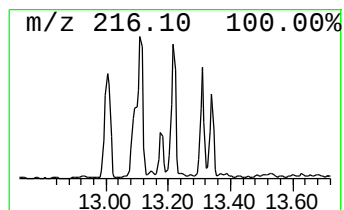
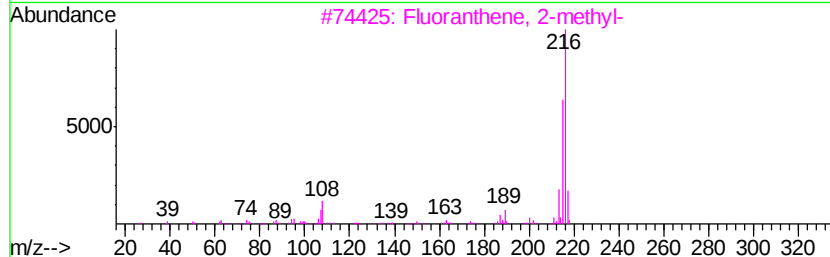
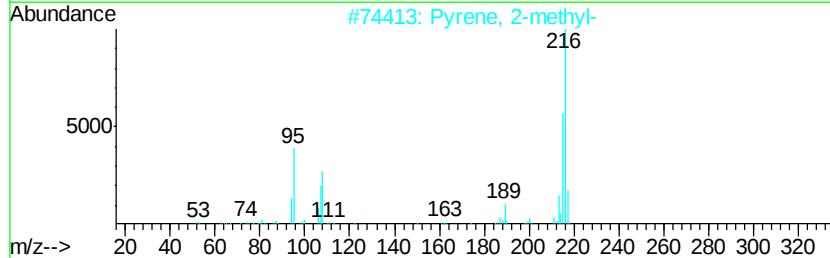
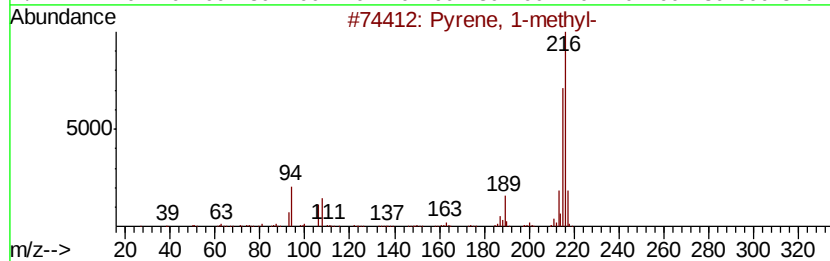
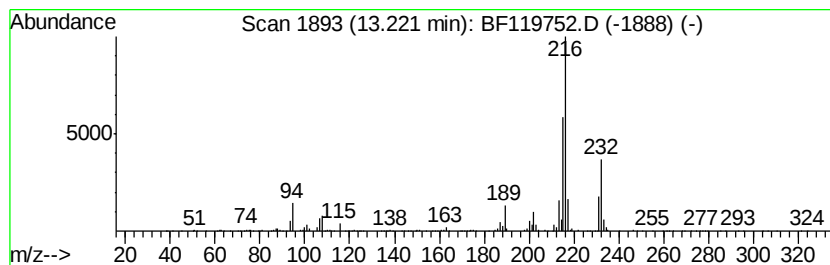
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	6.01 ng	2870370	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	78
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

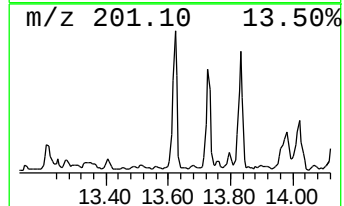
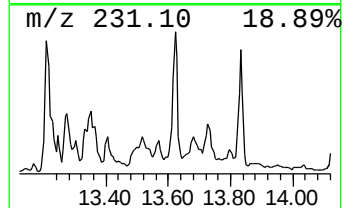
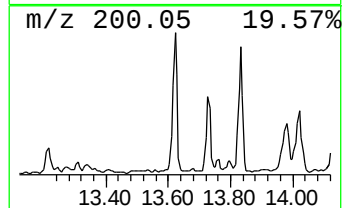
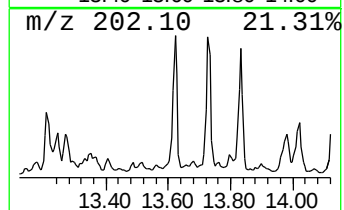
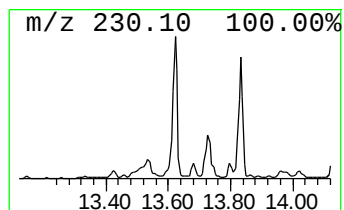
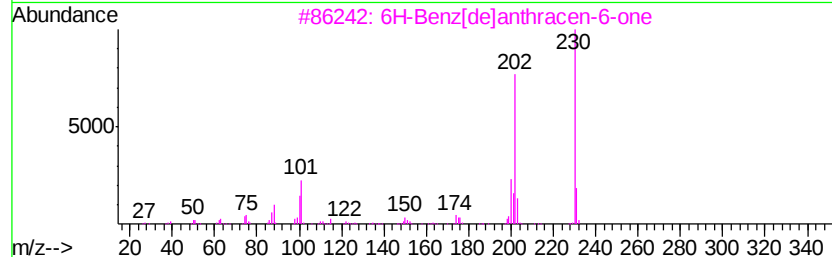
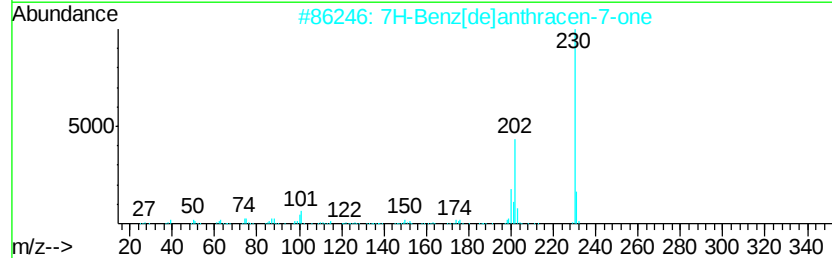
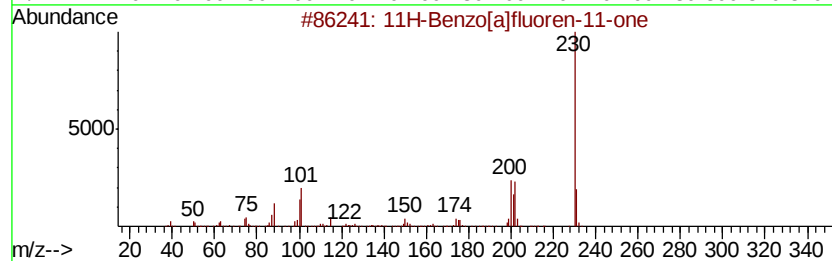
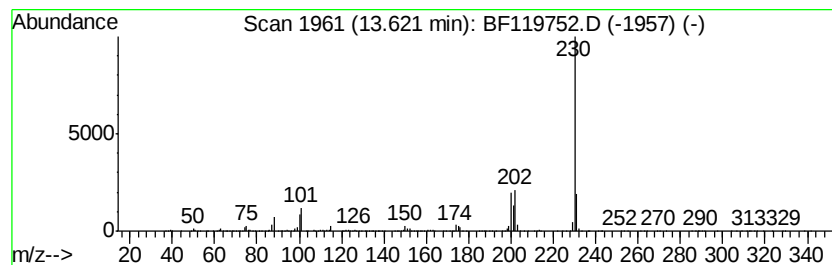
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.89 ng	2817440	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
4			o-Terphenyl	230	C18H14	000084-15-1	64
5			p-Terphenyl	230	C18H14	000092-94-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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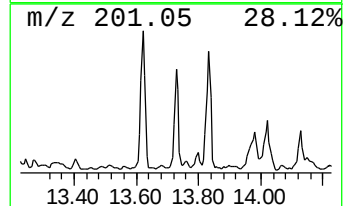
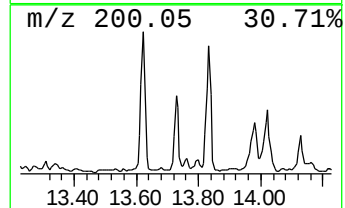
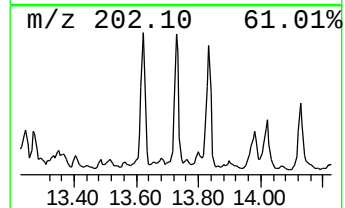
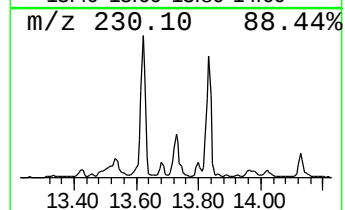
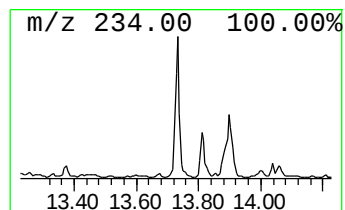
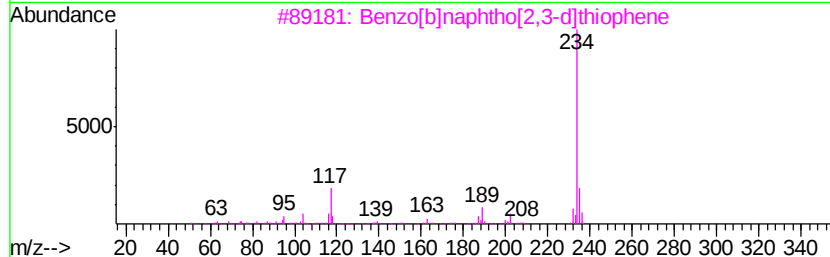
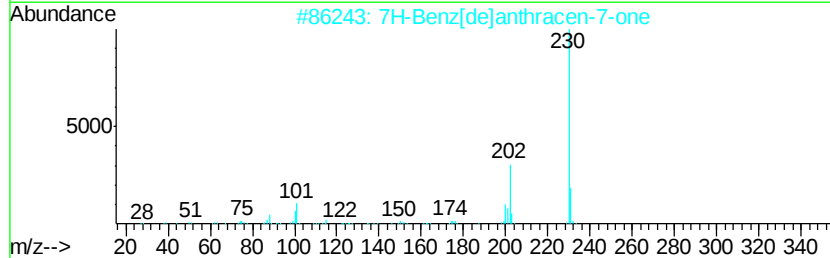
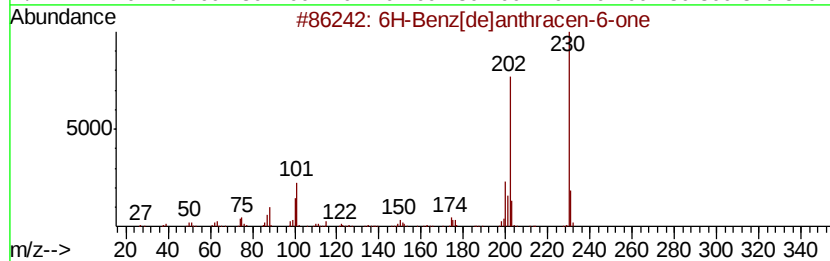
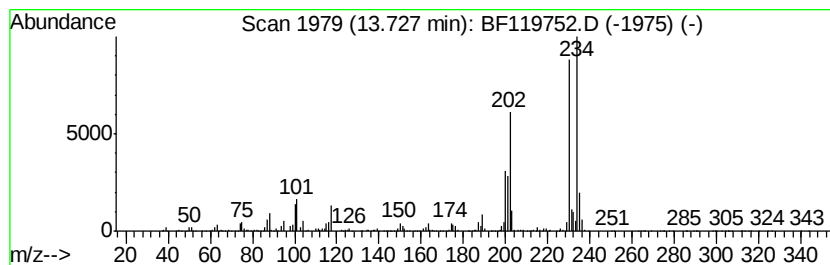
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 6H-Benz[de]anthracen-6-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.25 ng	2509260	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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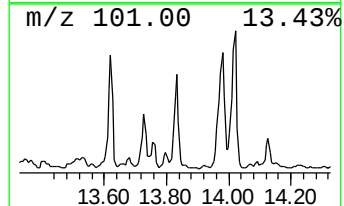
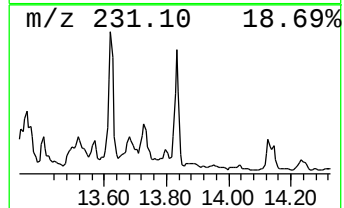
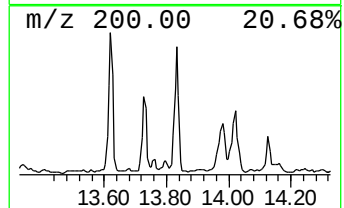
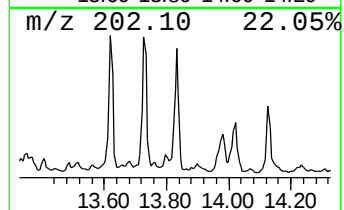
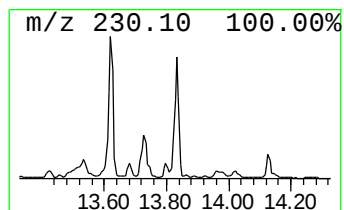
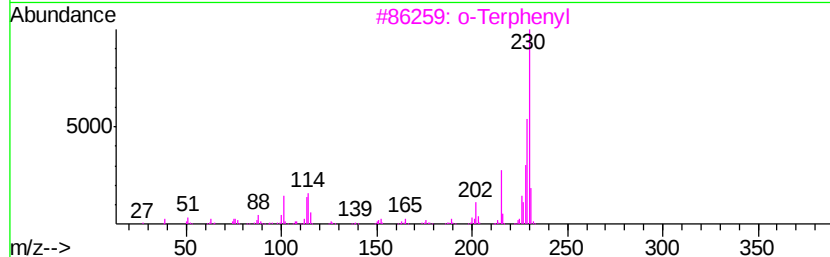
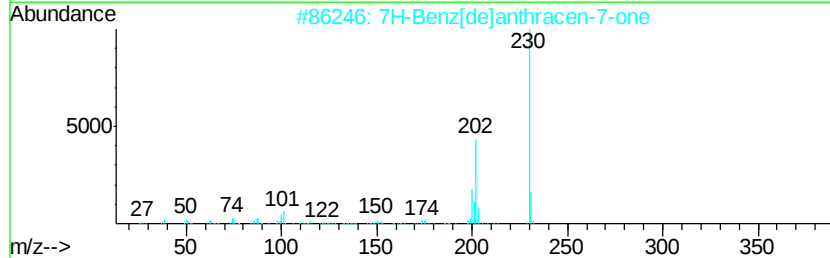
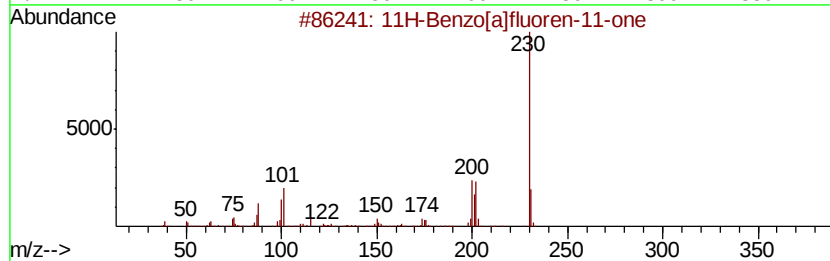
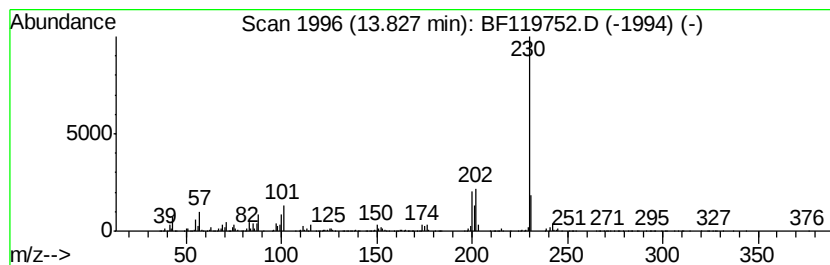
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.51 ng	3111330	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			o-Terphenyl	230	C18H14	000084-15-1	64
4			Dibenzo[c,h][2,6]naphthylridine	230	C16H10N2	000218-30-4	59
5			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-7

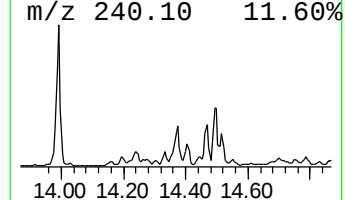
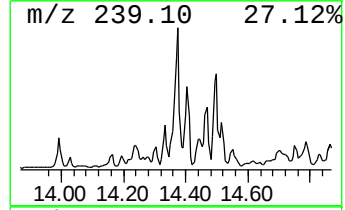
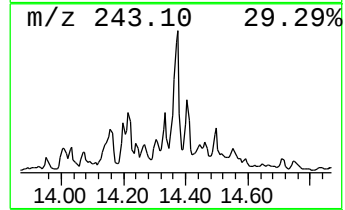
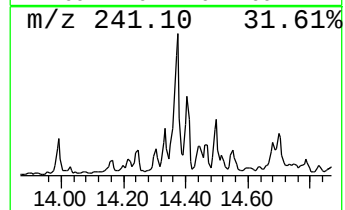
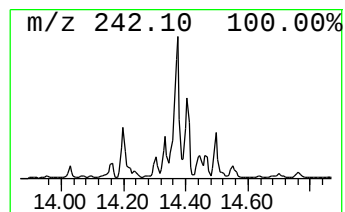
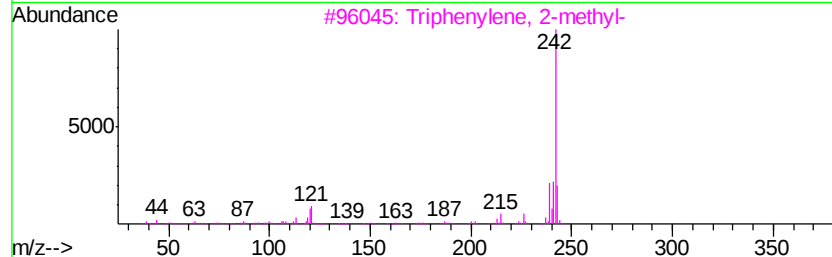
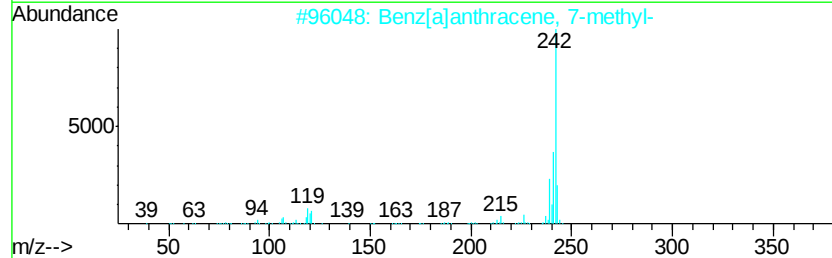
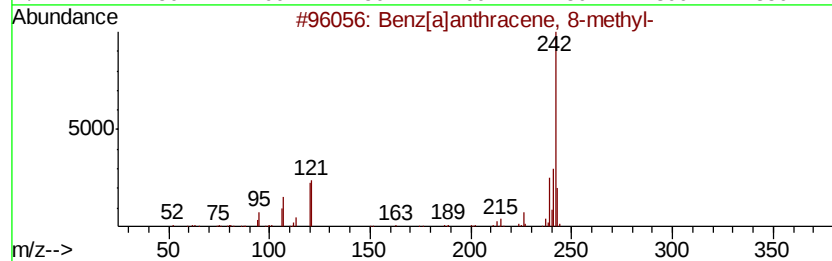
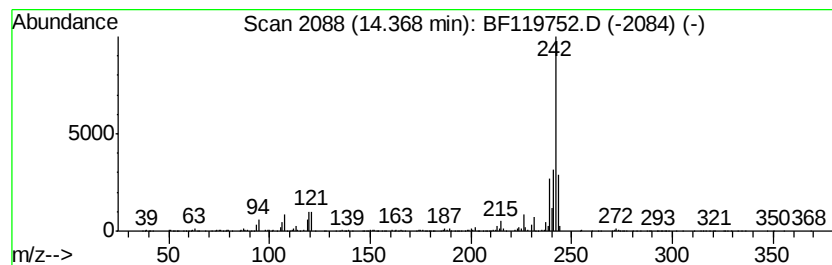
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz[a]anthracene, 8-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.07 ng	2421090	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
2			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
5			Chrysene, 3-methyl-	242	C19H14	003351-31-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-7

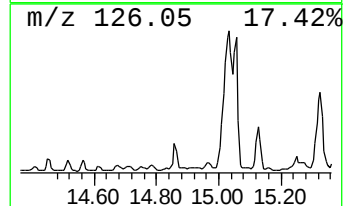
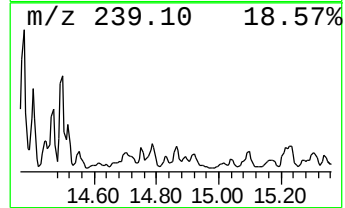
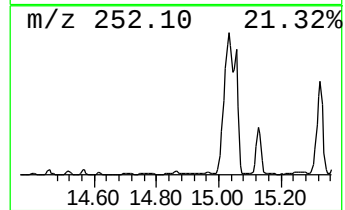
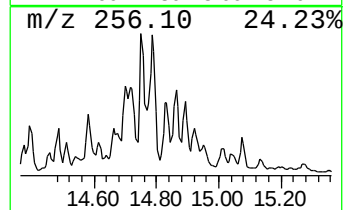
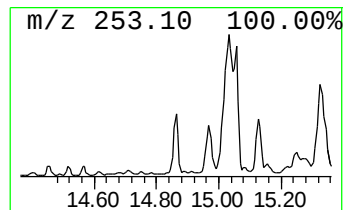
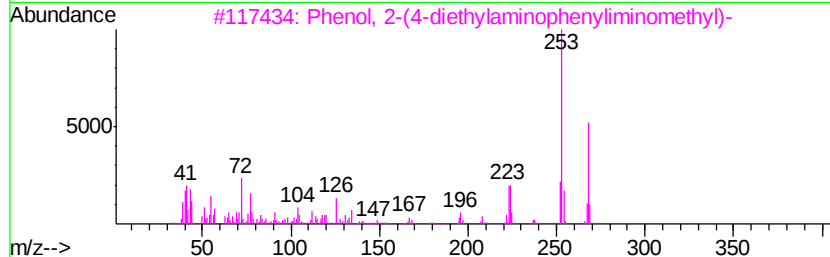
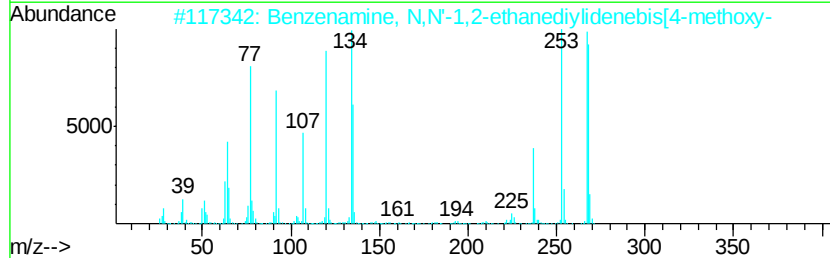
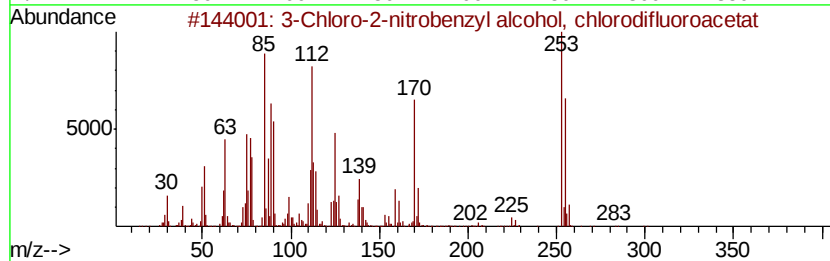
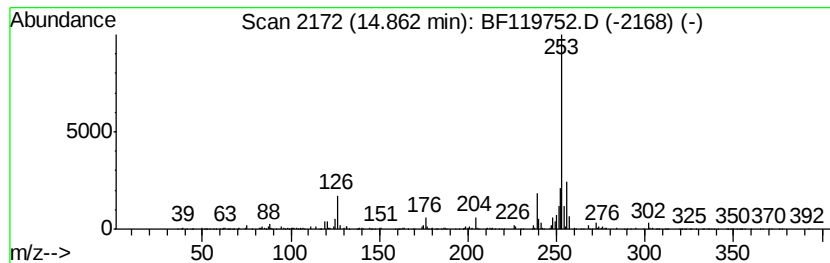
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	19.31 ng	974311	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2N04	1000376-11-2	38
2		Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	37
3		Phenol, 2-(4-diethylaminophenyl)...	268	C17H20N2O	004938-45-8	33
4		4,5-Dihydrobenzo[ef]pyrene	254	C20H14	095676-42-9	28
5		1'-Acetylferrocenecarbonitrile	253	C13H11FeN0	012276-85-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

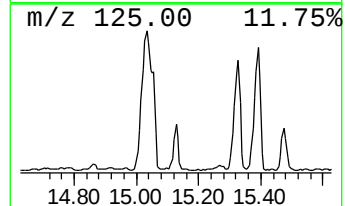
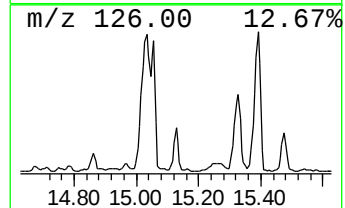
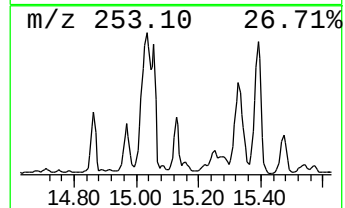
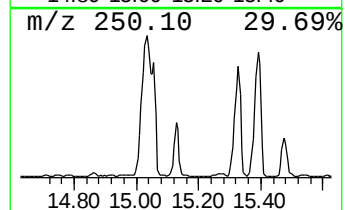
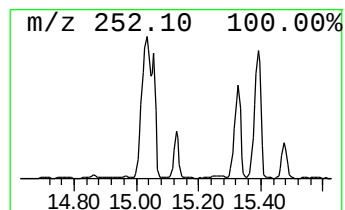
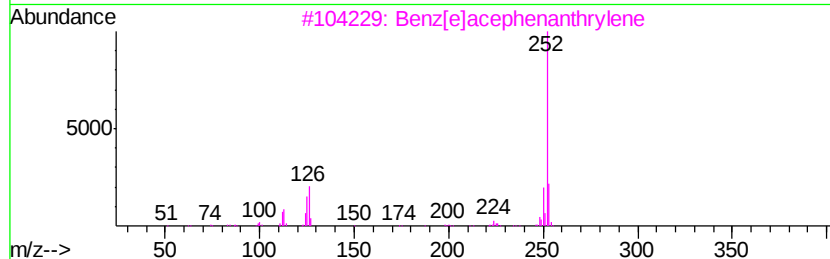
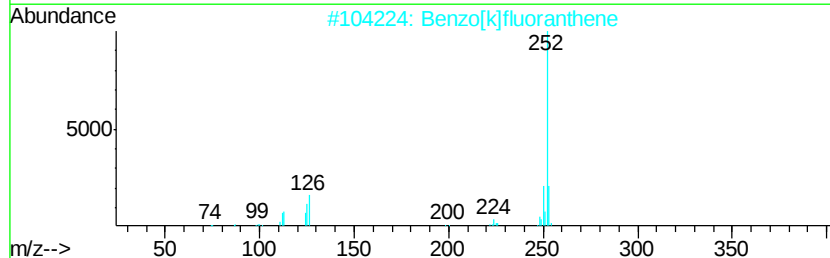
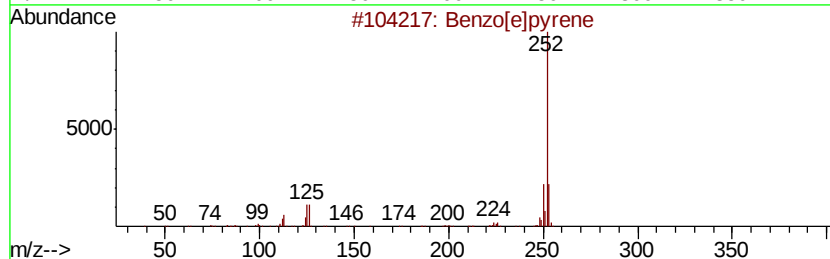
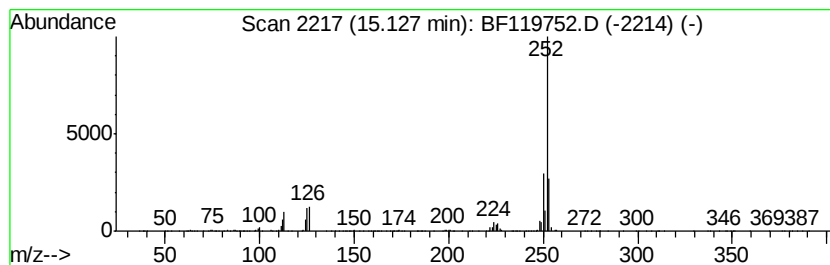
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	22.87 ng	1153960	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

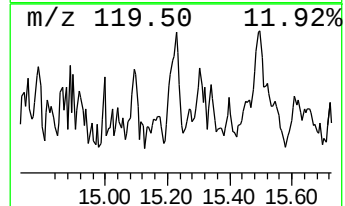
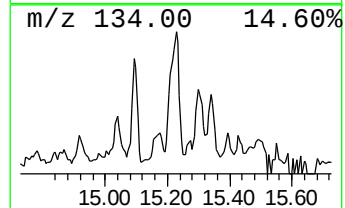
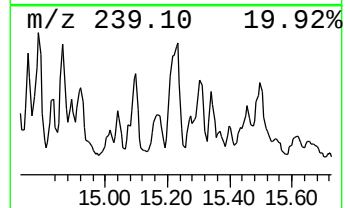
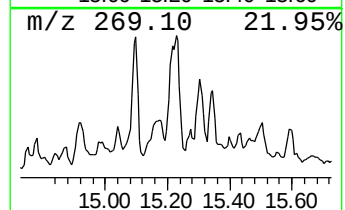
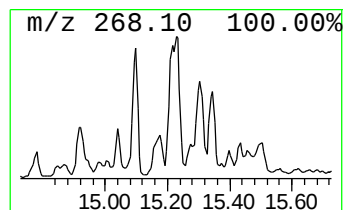
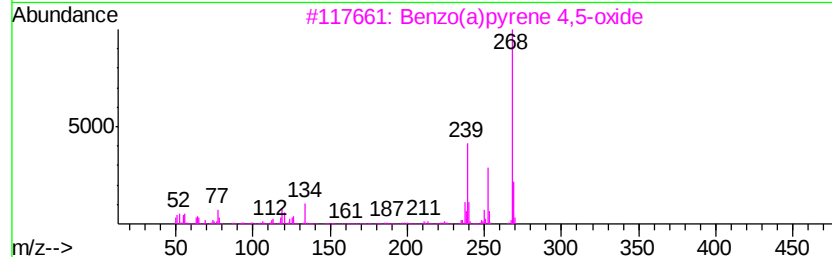
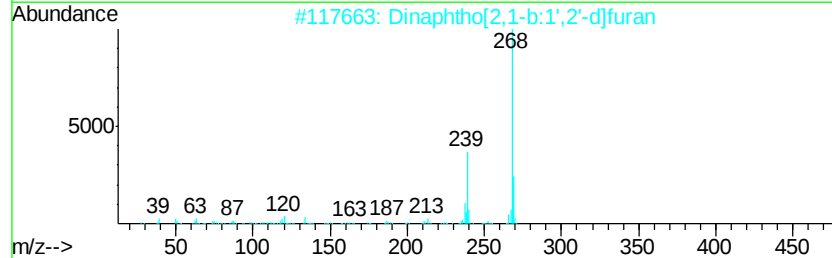
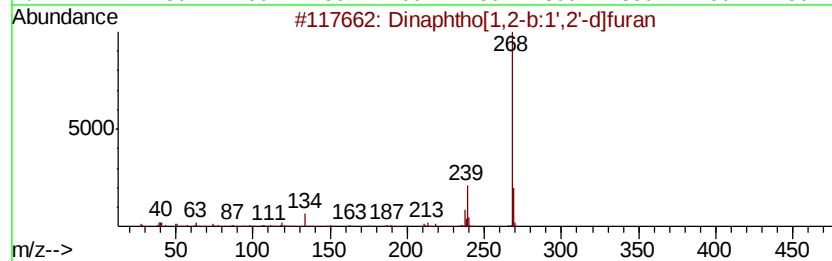
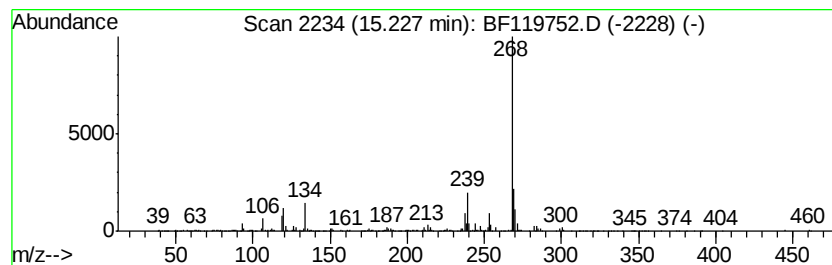
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	24.05 ng	1213450	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119752.D
Acq On : 4 Apr 2020 8:29
Operator : MA/SJ
Sample : L2129-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

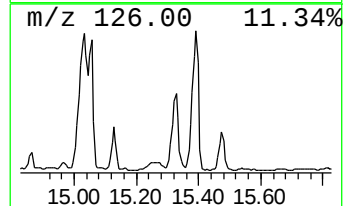
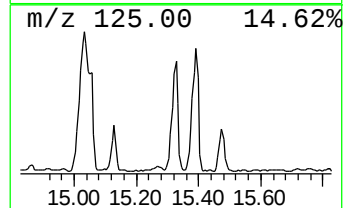
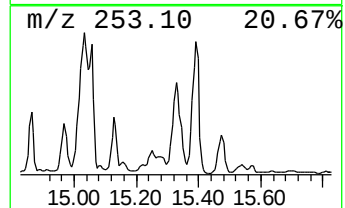
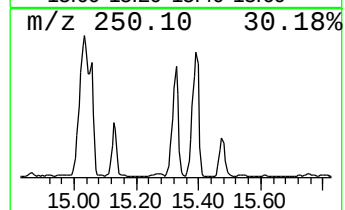
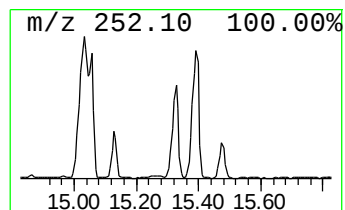
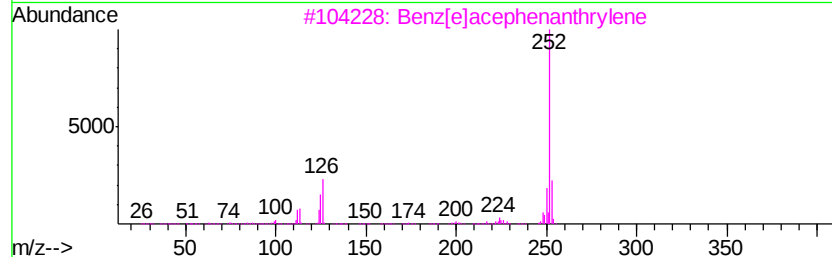
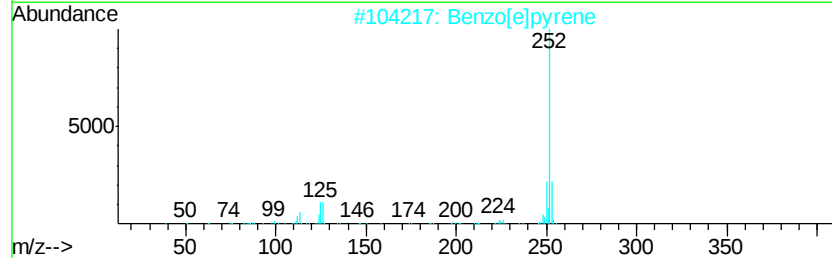
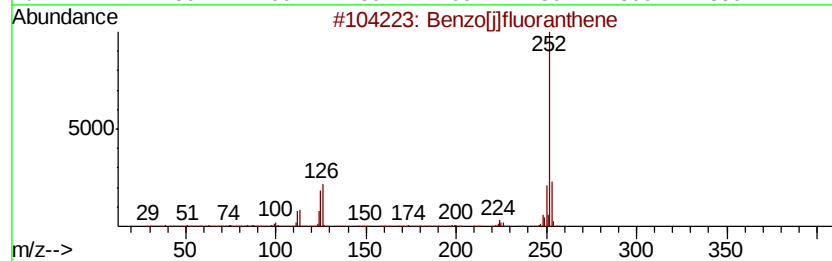
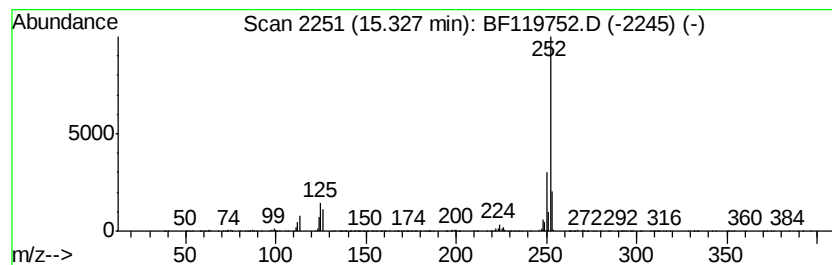
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	73.28 ng	3697270	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119752.D
 Acq On : 4 Apr 2020 8:29
 Operator : MA/SJ
 Sample : L2129-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Naphthalene, 1,6-...	9.43	12.8	ng	841628	3	9.85	1313950	20.0
Naphthalene, 2,3-...	9.50	17.5	ng	1152000	3	9.85	1313950	20.0
Naphthalene, 1,3-...	9.62	9.4	ng	617149	3	9.85	1313950	20.0
Naphthalene, 2,3,...	10.16	9.8	ng	644248	3	9.85	1313950	20.0
Naphthalene, 1,6,...	10.25	9.8	ng	640764	3	9.85	1313950	20.0
Benzeneethanol,	10.48	9.0	ng	593817	3	9.85	1313950	20.0
Dibenzofuran, 4-m...	10.55	23.2	ng	1526380	3	9.85	1313950	20.0
Phenanthrene, 2-m...	11.87	5.5	ng	4464480	4	11.34	16099800	20.0
4H-Cyclopenta[def...	11.95	5.2	ng	4171840	4	11.34	16099800	20.0
Pyrene, 1-methyl-	13.00	6.5	ng	3102880	5	13.99	9558890	20.0
Pyrene, 2-methyl-	13.22	6.0	ng	2870370	5	13.99	9558890	20.0
11H-Benzo[a]fluor...	13.62	5.9	ng	2817440	5	13.99	9558890	20.0
6H-Benz[de]anthra...	13.73	5.3	ng	2509260	5	13.99	9558890	20.0
7H-Benz[de]anthra...	13.83	6.5	ng	3111330	5	13.99	9558890	20.0
Benz[a]anthracene...	14.37	5.1	ng	2421090	5	13.99	9558890	20.0
unknown14.86	14.86	19.3	ng	974311	6	15.44	1009050	20.0
Benzo[e]pyrene	15.13	22.9	ng	1153960	6	15.44	1009050	20.0
Dinaphtho[1,2-b:1...	15.23	24.1	ng	1213450	6	15.44	1009050	20.0
Benzo[j]fluoranthene	15.33	73.3	ng	3697270	6	15.44	1009050	20.0