

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122634.D
 Acq On : 10 Dec 2020 3:40
 Operator : JU/CG
 Sample : L4973-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-120820

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	18	21	28	rVB	31525	47197	2.00%	0.122%
2	5.451	568	572	591	rBV	2071561	1927999	81.89%	4.982%
3	6.463	740	744	764	rBV	2016136	2012554	85.49%	5.201%
4	6.839	804	808	811	rBV	1500747	1205796	51.22%	3.116%
5	6.975	828	831	843	rBV	66482	89916	3.82%	0.232%
6	7.398	899	903	909	rBV	1449284	1230300	52.26%	3.179%
7	8.122	1022	1026	1046	rBV	1776897	1645181	69.88%	4.252%
8	9.198	1205	1209	1219	rBV	2752244	2249668	95.56%	5.814%
9	9.533	1262	1266	1269	rVV	59651	63429	2.69%	0.164%
10	9.592	1273	1276	1283	rVV	171092	188076	7.99%	0.486%
11	9.651	1283	1286	1291	rVB	33525	40206	1.71%	0.104%
12	9.739	1297	1301	1306	rBV	205811	180559	7.67%	0.467%
13	9.880	1317	1325	1328	rBV	1935249	1807868	76.79%	4.672%
14	9.910	1328	1330	1333	rVB	68042	59747	2.54%	0.154%
15	10.080	1355	1359	1363	rBV	58205	61710	2.62%	0.159%
16	10.121	1363	1366	1370	rVB	43968	40236	1.71%	0.104%
17	10.192	1375	1378	1381	rBV2	51015	52040	2.21%	0.134%
18	10.286	1389	1394	1395	rBV2	32856	44109	1.87%	0.114%
19	10.421	1414	1417	1424	rVB2	89170	101843	4.33%	0.263%
20	10.492	1424	1429	1430	rBV2	24648	35099	1.49%	0.091%
21	10.580	1441	1444	1447	rBV	38460	34125	1.45%	0.088%
22	10.663	1454	1458	1471	rVB	1376544	1279748	54.36%	3.307%
23	10.792	1475	1480	1486	rVB5	71881	94669	4.02%	0.245%
24	10.845	1486	1489	1491	rBV2	46466	50598	2.15%	0.131%
25	10.886	1491	1496	1499	rVV3	44045	65405	2.78%	0.169%
26	10.916	1499	1501	1504	rVV	30844	36380	1.55%	0.094%
27	10.974	1507	1511	1513	rBV4	50147	57262	2.43%	0.148%
28	10.998	1513	1515	1517	rVB2	41818	31148	1.32%	0.080%
29	11.027	1517	1520	1523	rBV2	33145	34239	1.45%	0.088%
30	11.063	1523	1526	1528	rBV2	32624	33318	1.42%	0.086%
31	11.121	1535	1536	1541	rVB2	50747	38033	1.62%	0.098%
32	11.168	1541	1544	1547	rVB2	57664	50380	2.14%	0.130%
33	11.257	1557	1559	1565	rVB	89690	84314	3.58%	0.218%
34	11.363	1573	1577	1579	rBV	1890719	1637726	69.56%	4.232%
35	11.386	1579	1581	1585	rVV	1327287	1031178	43.80%	2.665%
36	11.439	1587	1590	1593	rVV	224765	209486	8.90%	0.541%

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 ClientSampleId :
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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

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.474	1593	1596	1599	rVB2	40124	48144	2.04%	0.124%
38	11.592	1612	1616	1618	rBV	73874	75592	3.21%	0.195%
39	11.657	1624	1627	1630	rBV	72732	51851	2.20%	0.134%
40	11.692	1630	1633	1639	rVB2	75624	83178	3.53%	0.215%
41	11.757	1641	1644	1646	rBV	90523	86268	3.66%	0.223%
42	11.774	1646	1647	1652	rVB	42142	31146	1.32%	0.080%
43	11.863	1658	1662	1664	rBV	315801	270501	11.49%	0.699%
44	11.892	1664	1667	1671	rVB	427921	362854	15.41%	0.938%
45	11.939	1672	1675	1677	rVV	87719	72591	3.08%	0.188%
46	11.974	1677	1681	1683	rVV	436691	433963	18.43%	1.121%
47	11.998	1683	1685	1690	rVB	252189	208461	8.85%	0.539%
48	12.045	1690	1693	1694	rBV2	36528	35296	1.50%	0.091%
49	12.063	1694	1696	1699	rVV3	35596	37827	1.61%	0.098%
50	12.098	1699	1702	1704	rVB	39709	31421	1.33%	0.081%
51	12.157	1709	1712	1714	rVV	182971	161686	6.87%	0.418%
52	12.180	1714	1716	1723	rVB2	159435	170948	7.26%	0.442%
53	12.310	1735	1738	1740	rVB	72866	54422	2.31%	0.141%
54	12.339	1740	1743	1745	rBV	88467	60582	2.57%	0.157%
55	12.363	1745	1747	1750	rVB	70418	53132	2.26%	0.137%
56	12.415	1752	1756	1758	rBV	226272	236693	10.05%	0.612%
57	12.439	1758	1760	1762	rBV2	200105	206945	8.79%	0.535%
58	12.498	1767	1770	1775	rVB2	163670	170594	7.25%	0.441%
59	12.574	1780	1783	1787	rVB	1968225	1738936	73.86%	4.494%
60	12.621	1788	1791	1792	rBV	53848	48072	2.04%	0.124%
61	12.639	1792	1794	1797	rVB2	50977	40798	1.73%	0.105%
62	12.668	1797	1799	1802	rBV	112708	85076	3.61%	0.220%
63	12.704	1802	1805	1807	rBV2	60272	58630	2.49%	0.152%
64	12.727	1807	1809	1816	rVB3	60719	73575	3.13%	0.190%
65	12.804	1816	1822	1828	rBV	1838440	1895471	80.51%	4.898%
66	12.851	1828	1830	1835	rVB2	96928	129699	5.51%	0.335%
67	12.921	1839	1842	1843	rVV2	101068	87566	3.72%	0.226%
68	12.945	1843	1846	1853	rVB	2089245	1871874	79.51%	4.837%
69	13.021	1855	1859	1863	rBV3	186267	274955	11.68%	0.711%
70	13.080	1866	1869	1870	rBV3	41449	36973	1.57%	0.096%
71	13.110	1870	1874	1875	rVV2	155494	183815	7.81%	0.475%
72	13.133	1875	1878	1881	rVB	312152	319873	13.59%	0.827%
73	13.198	1886	1889	1892	rVB	186489	141733	6.02%	0.366%
74	13.233	1892	1895	1898	rBV2	248018	251257	10.67%	0.649%
75	13.298	1903	1906	1908	rBV3	37546	44299	1.88%	0.114%
76	13.327	1908	1911	1914	rVB	171298	129283	5.49%	0.334%

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Instrument :
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 ClientSampleId :
 HD-01-120820

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 >

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.357	1914	1916	1920	rBV	157570	147611	6.27%	0.381%
78	13.533	1939	1946	1948	rBV7	76895	172777	7.34%	0.447%
79	13.639	1961	1964	1969	rVB	213276	221277	9.40%	0.572%
80	13.751	1979	1983	1985	rBV2	177439	207467	8.81%	0.536%
81	13.780	1985	1988	1990	rVV	155130	162806	6.92%	0.421%
82	13.804	1990	1992	1996	rVV2	130668	180127	7.65%	0.465%
83	13.845	1996	1999	2003	rVB2	212420	214636	9.12%	0.555%
84	14.004	2020	2026	2028	rBV2	1717703	2354264	100.00%	6.084%
85	14.027	2028	2030	2037	rVB	985819	832143	35.35%	2.150%
86	14.104	2042	2043	2046	rVB	73843	52856	2.25%	0.137%
87	14.145	2048	2050	2052	rBV	70192	69713	2.96%	0.180%
88	14.351	2083	2085	2087	rBV	72443	63080	2.68%	0.163%
89	14.386	2089	2091	2094	rVV	243645	225422	9.58%	0.583%
90	14.421	2094	2097	2101	rVB2	157675	157257	6.68%	0.406%
91	14.515	2110	2113	2114	rBV	111640	103427	4.39%	0.267%
92	14.533	2114	2116	2119	rVB2	113764	91933	3.90%	0.238%
93	14.774	2155	2157	2160	rBV	80129	94562	4.02%	0.244%
94	15.039	2198	2202	2205	rBV	774054	1129527	47.98%	2.919%
95	15.145	2217	2220	2224	rVB	157603	158355	6.73%	0.409%
96	15.339	2250	2253	2259	rVB	484524	618035	26.25%	1.597%
97	15.404	2260	2264	2270	rVB	668461	796145	33.82%	2.057%
98	15.468	2270	2275	2278	rBV	1120889	1474742	62.64%	3.811%
99	16.915	2516	2521	2530	rVB2	281044	554889	23.57%	1.434%
100	17.356	2591	2596	2605	rVB	195648	405147	17.21%	1.047%

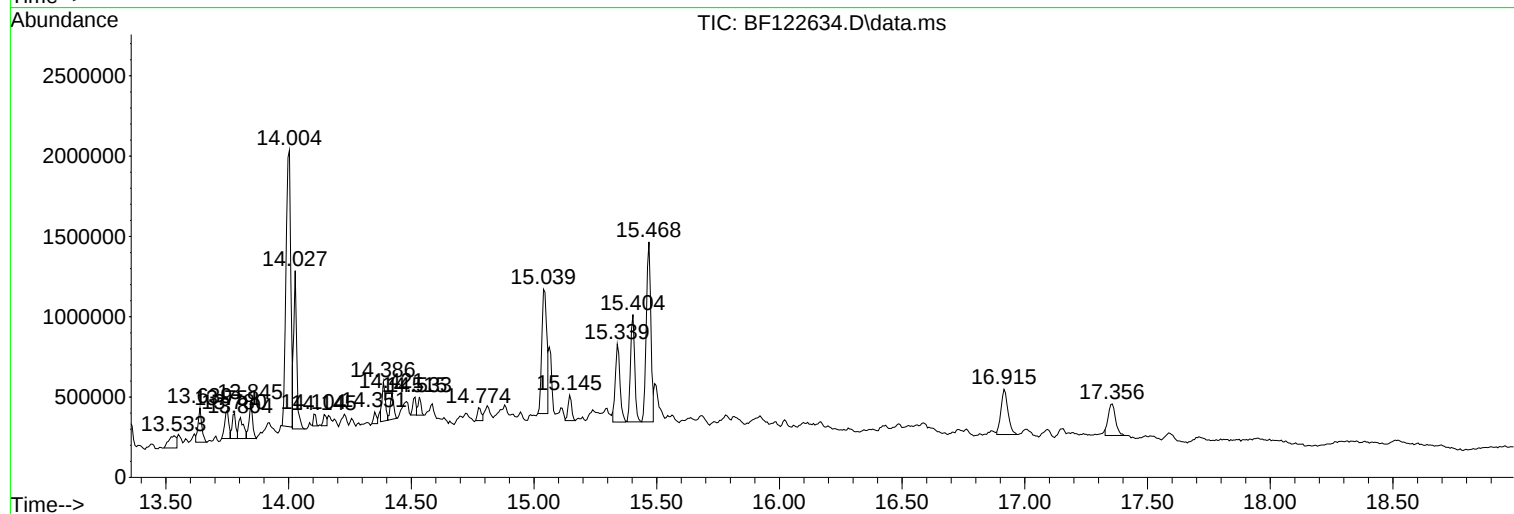
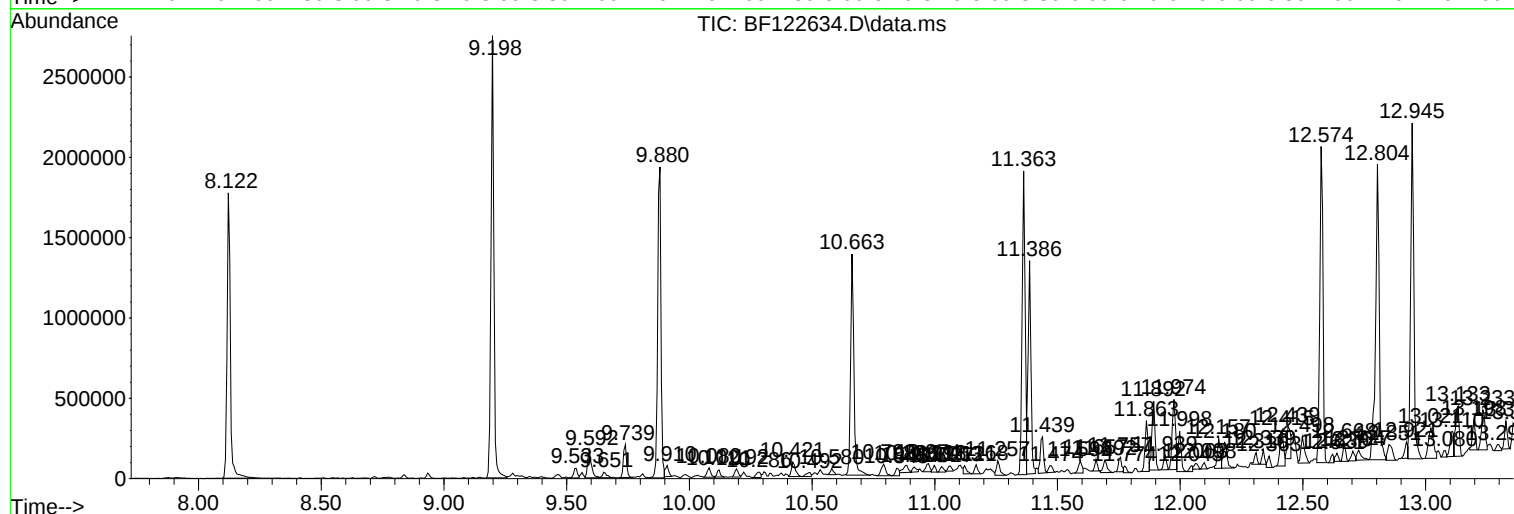
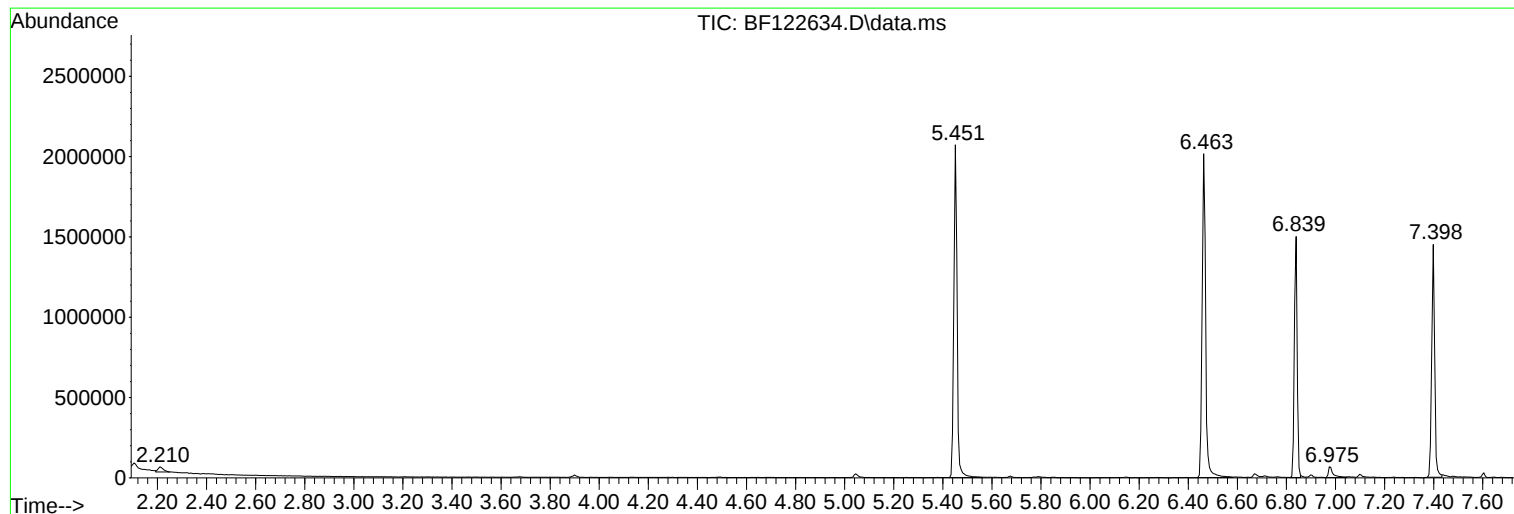
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HD-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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 :
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ClientSampleId :
HD-01-120820

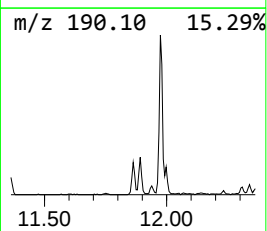
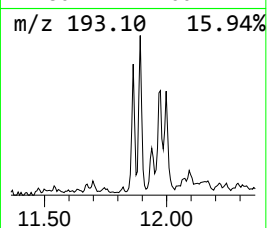
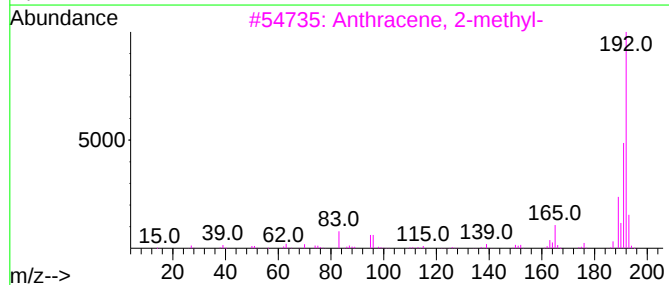
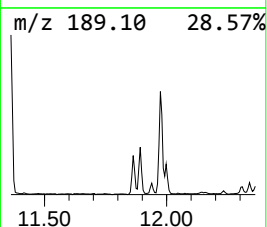
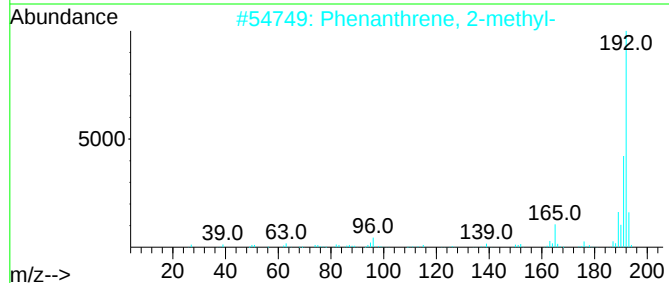
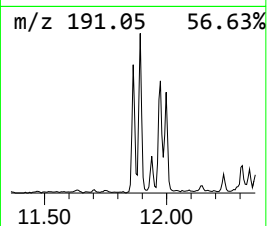
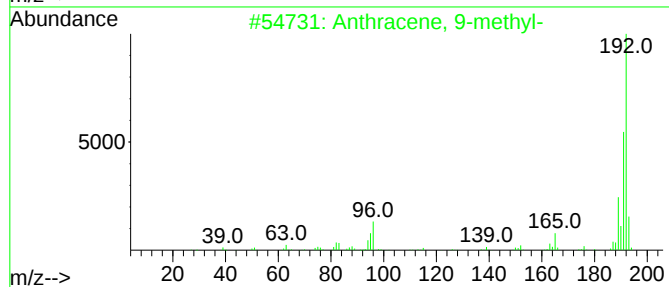
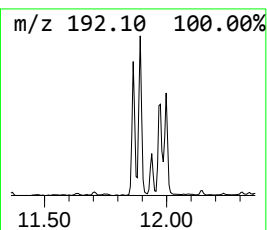
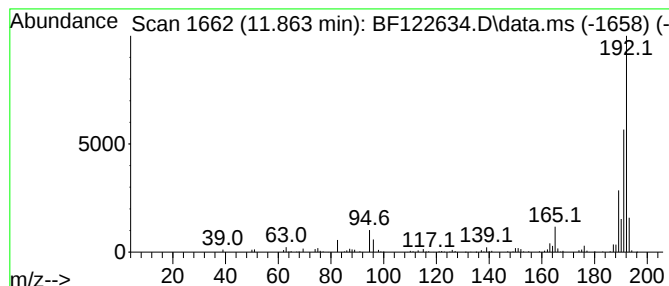
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.30 ng	270501	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



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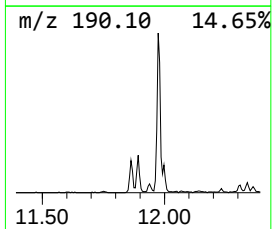
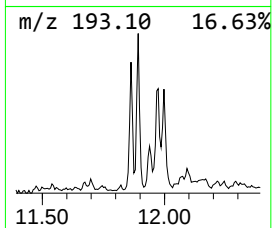
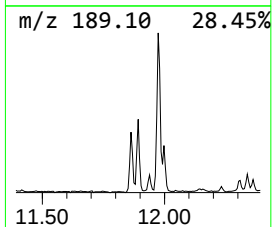
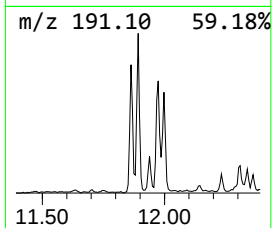
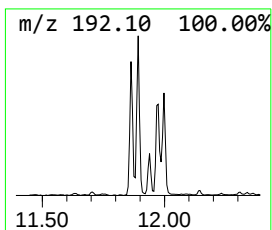
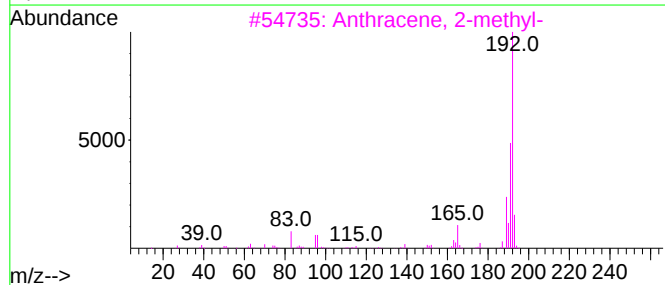
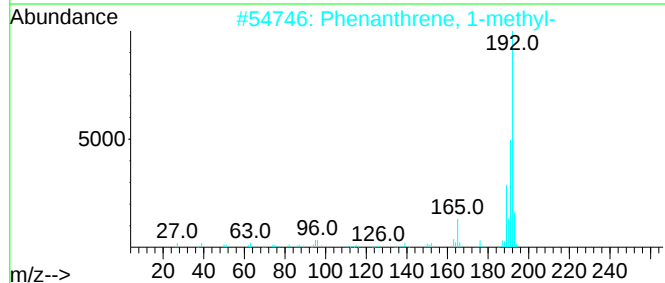
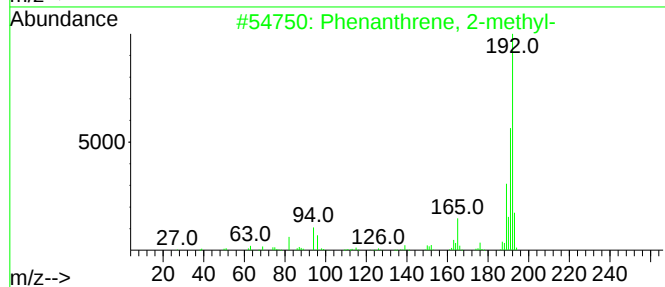
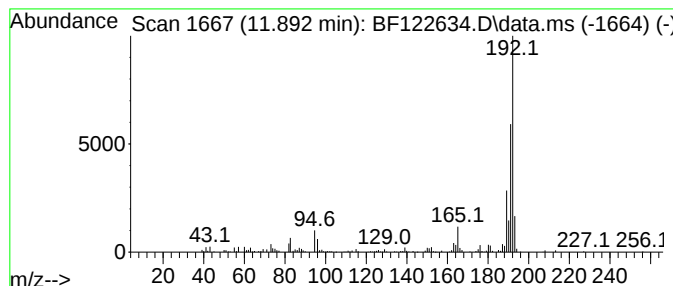
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.43 ng	362854	Phenanthrene-d10	11.363

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		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



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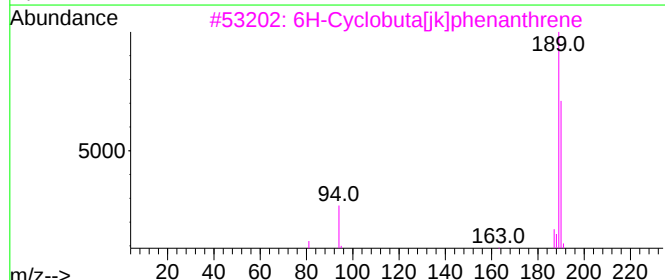
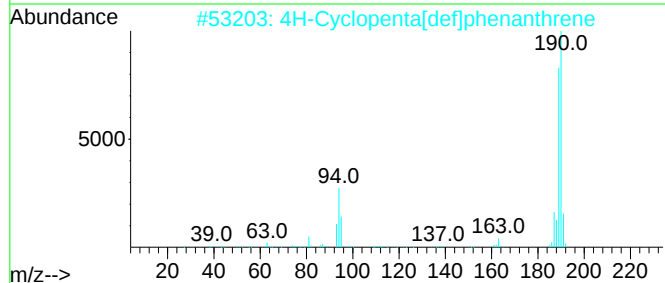
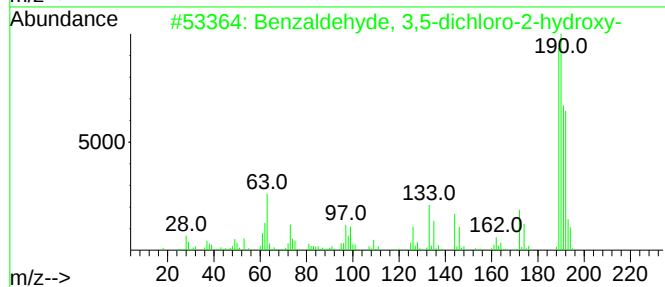
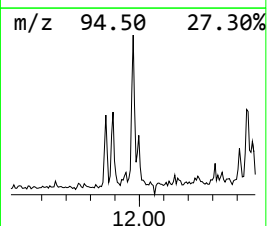
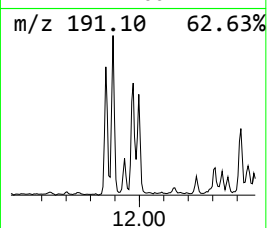
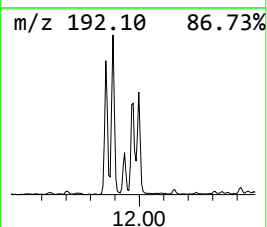
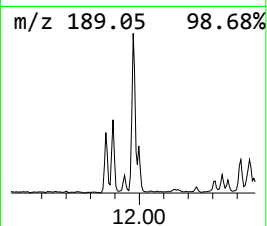
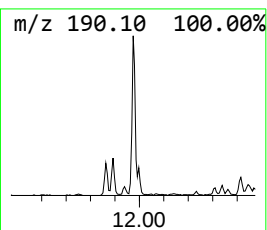
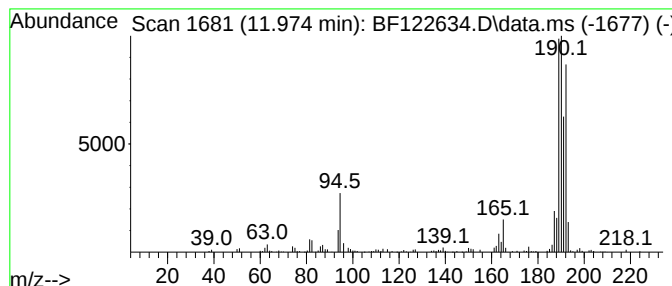
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ClientSampleId :
HD-01-120820

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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 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.974	5.30 ng	433963	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	42
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-120820

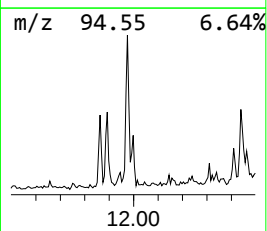
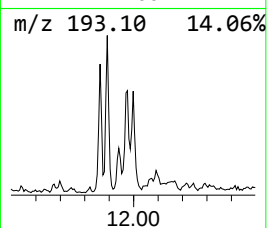
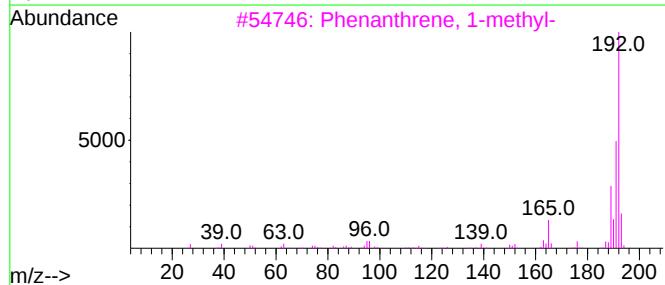
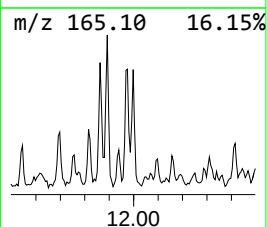
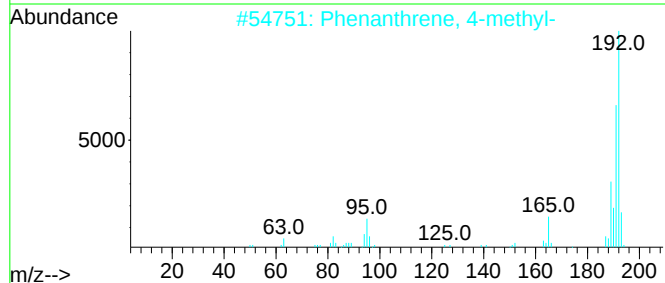
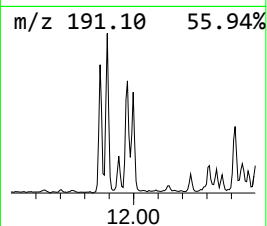
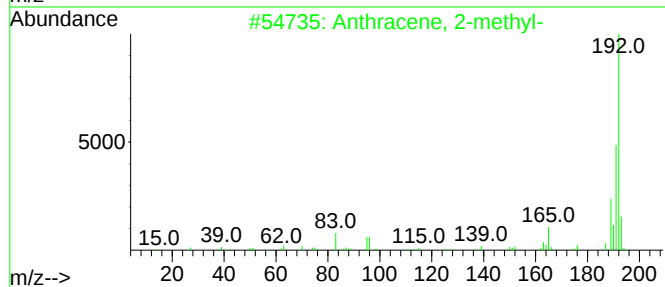
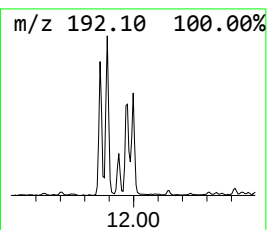
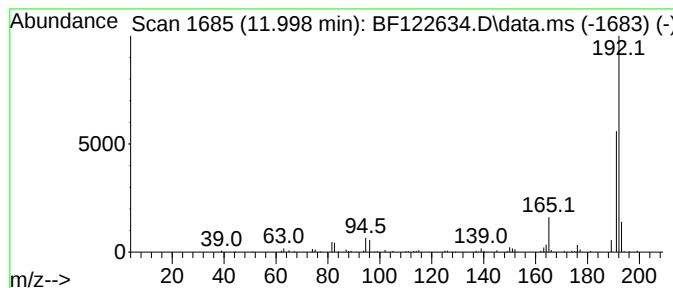
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.55 ng	208461	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-120820

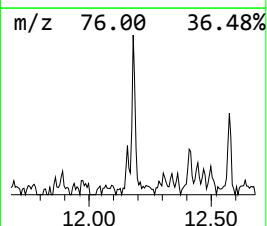
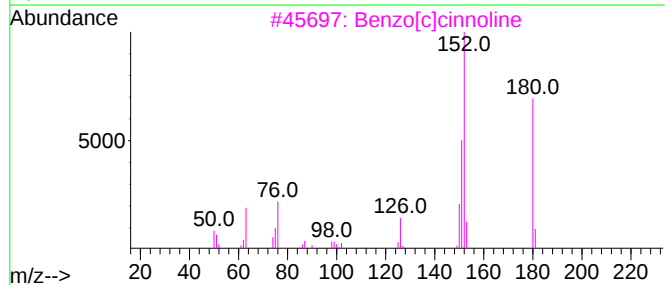
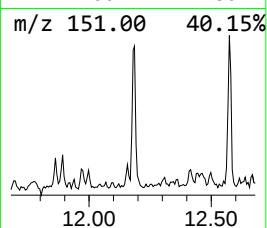
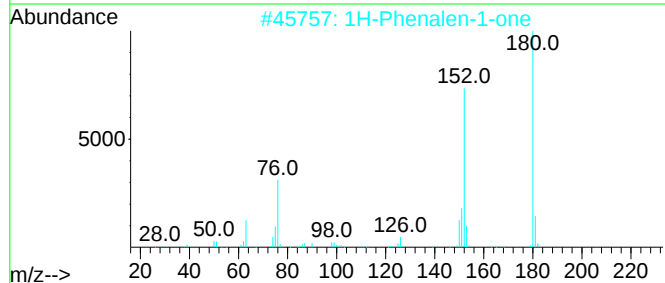
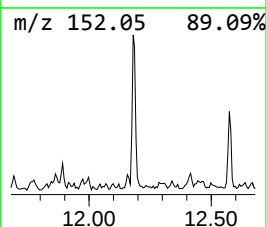
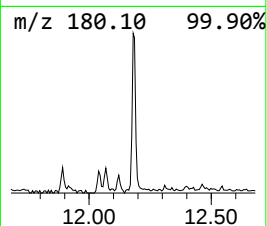
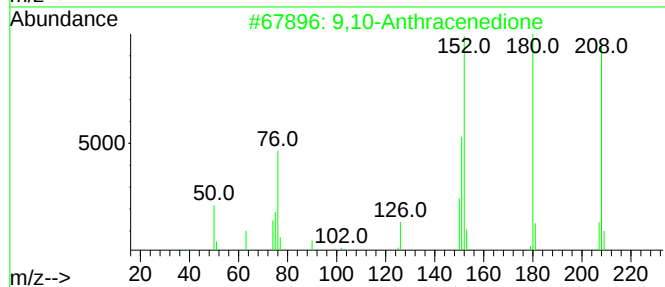
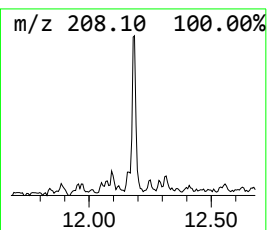
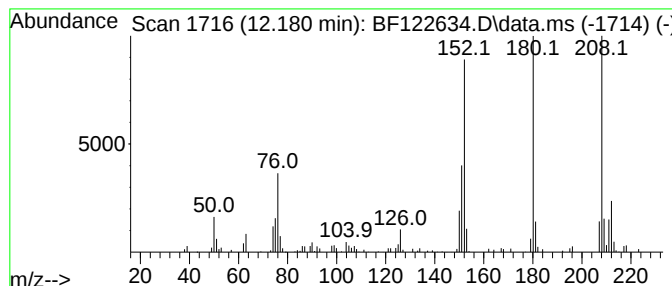
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	2.09 ng	170948	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4			1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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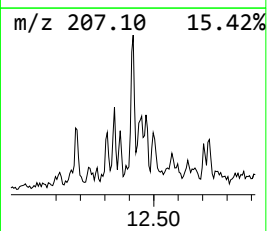
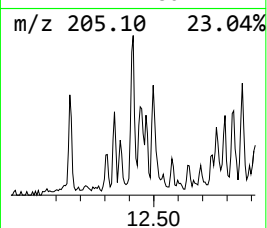
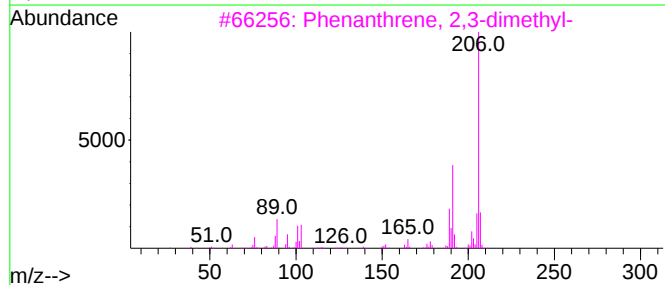
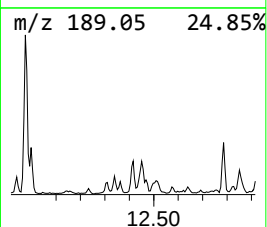
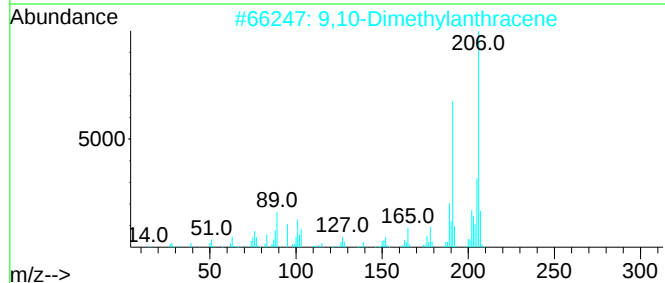
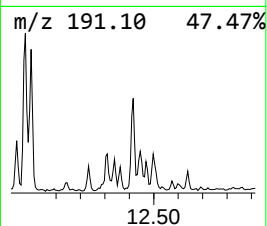
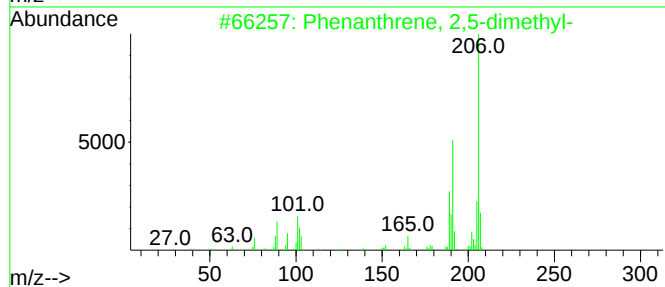
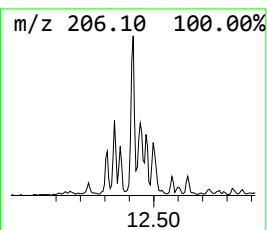
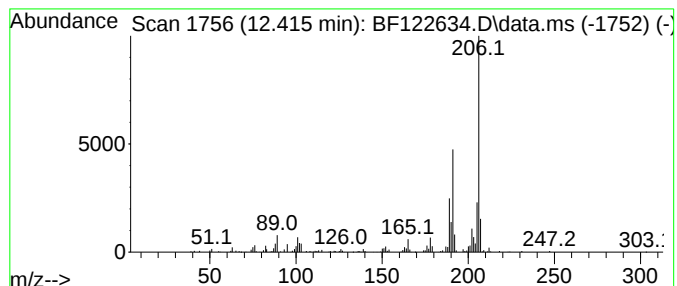
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.89 ng	236693	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
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Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

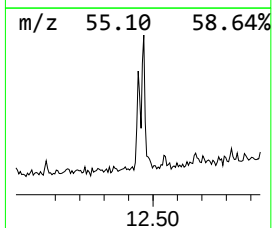
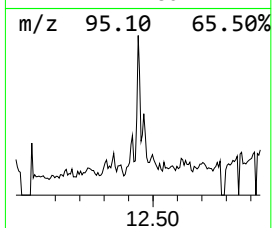
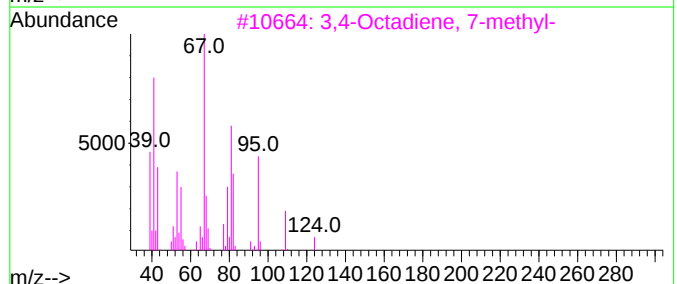
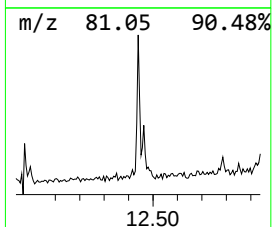
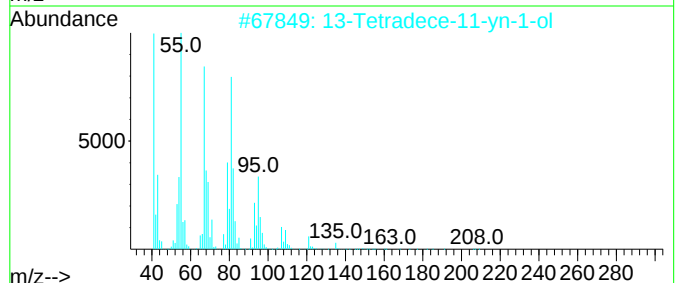
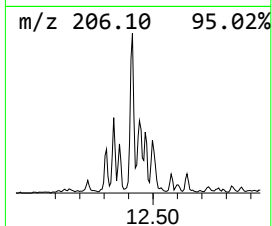
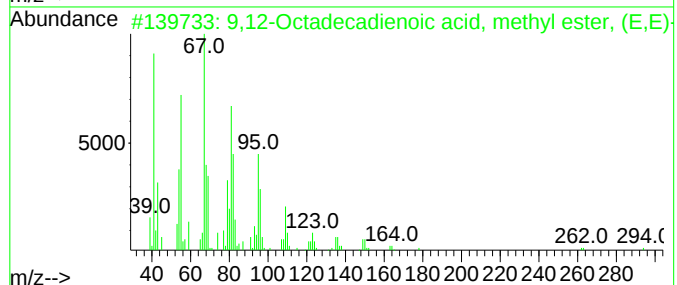
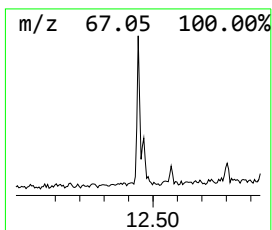
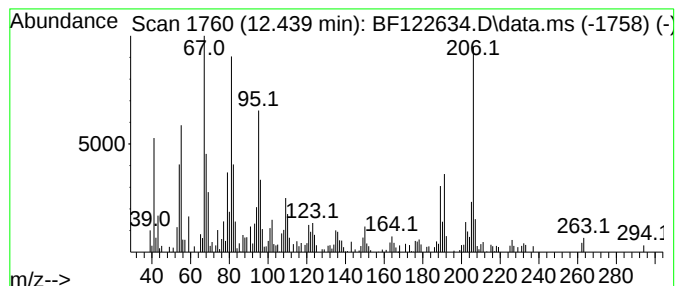
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ClientSampleId :
HD-01-120820

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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 7 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.439	2.53 ng	206945	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
2	13-Tetradec-11-yn-1-ol	208	C14H24O	1000131-00-4	64
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	55
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	52
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
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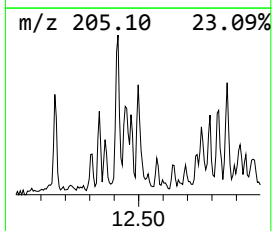
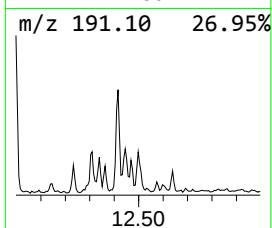
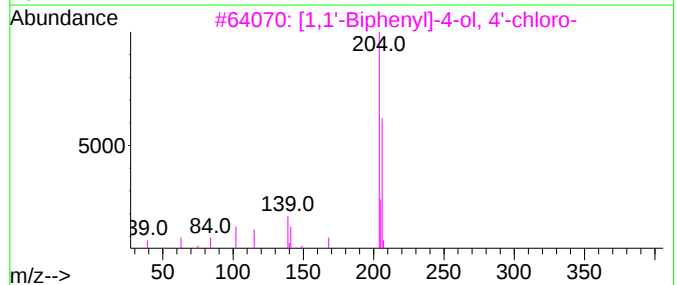
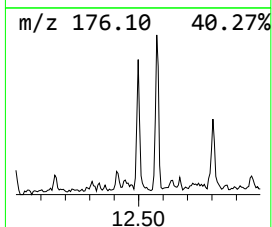
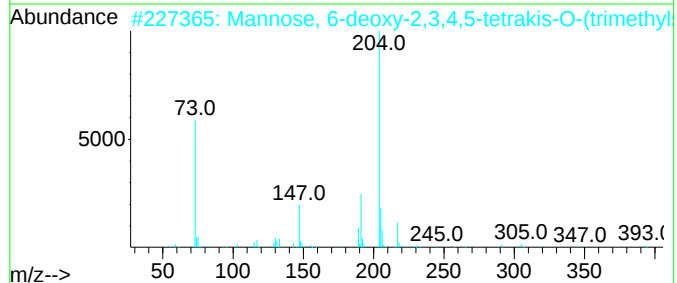
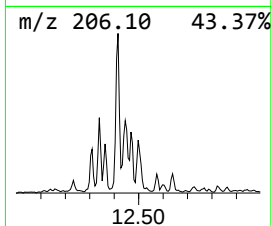
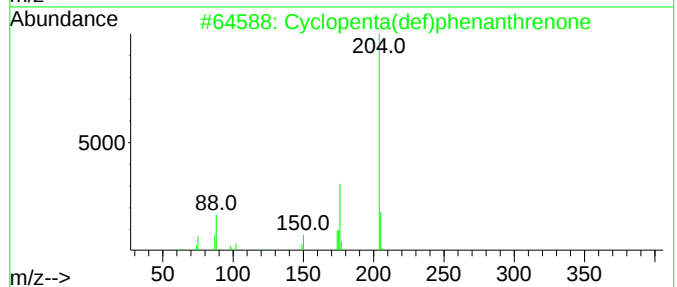
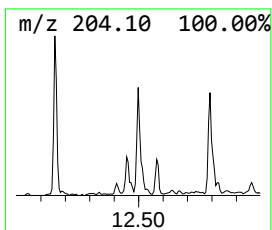
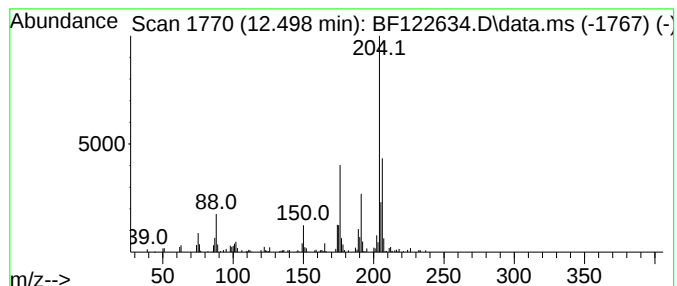
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.498	2.08 ng	170594	Phenanthrene-d10			11.363
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	95
2	Mannose, 6-deoxy-2,3,4,5-tetraki...		452	C18H44O5Si4	019127-15-2	43
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-		204	C12H9ClO	028034-99-3	43
4	L-(+)-Rhamnopyranose, tetrakis(t...		452	C18H44O5Si4	1000380-12-9	43
5	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
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Misc :
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Instrument :
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ClientSampleId :
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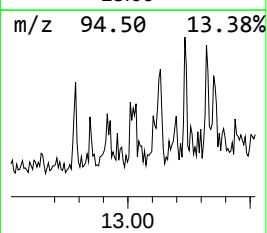
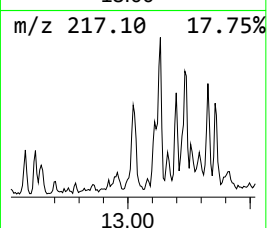
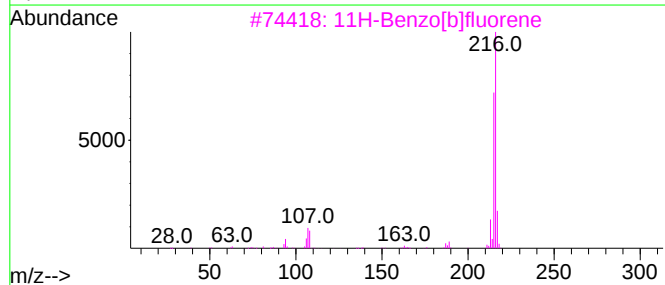
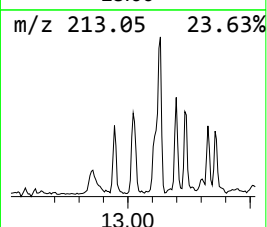
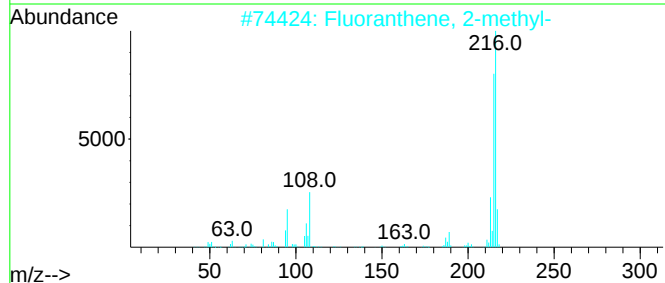
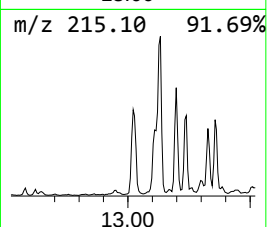
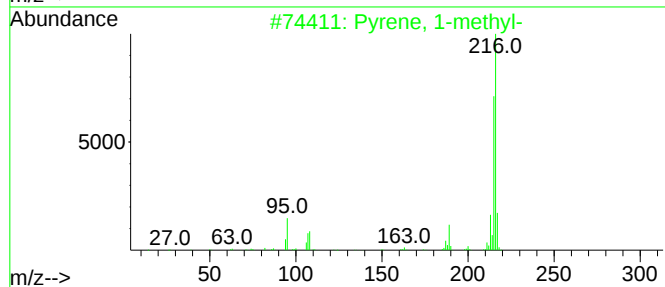
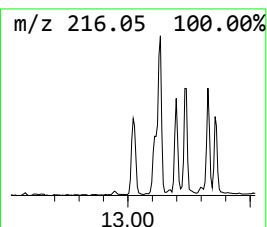
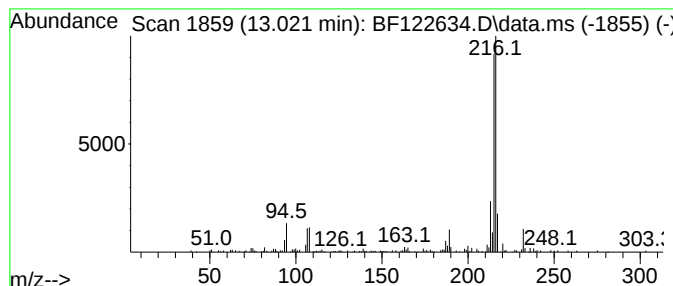
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.34 ng	274955	Chrysene-d12	14.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-120820

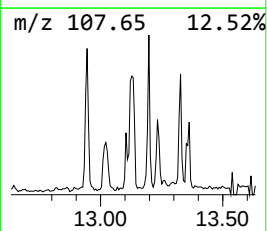
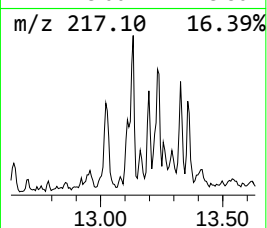
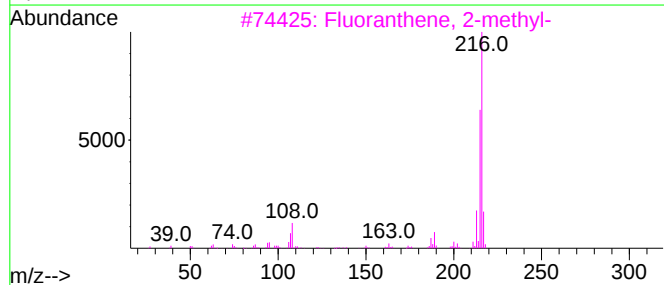
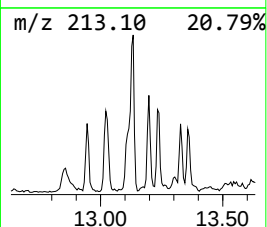
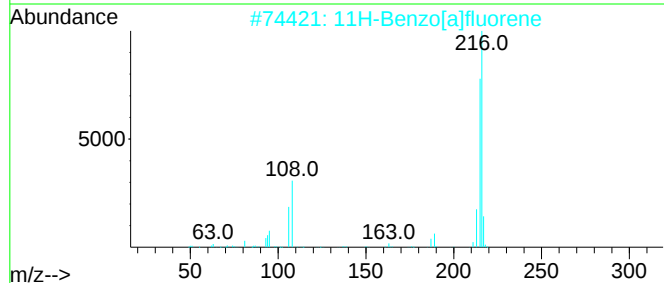
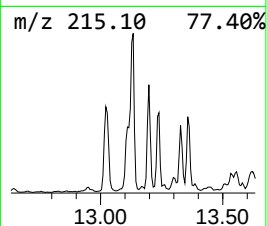
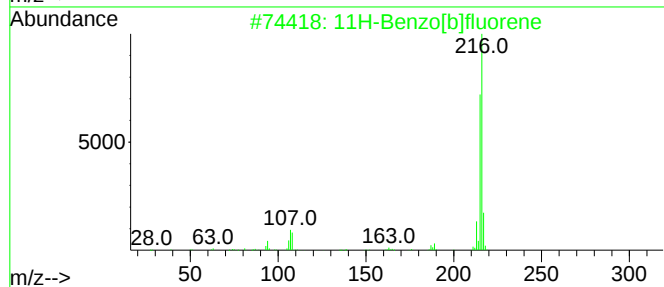
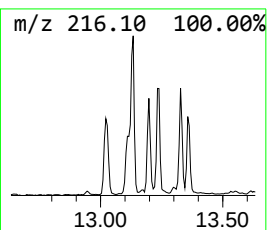
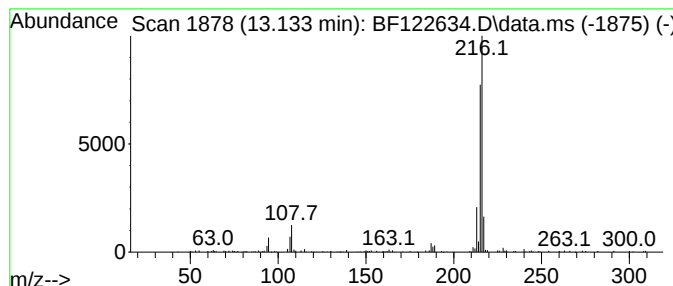
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.72 ng	319873	Chrysene-d12	14.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-120820

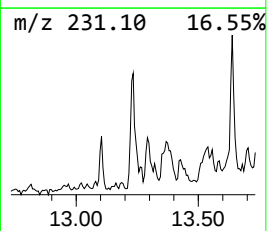
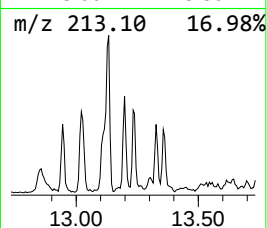
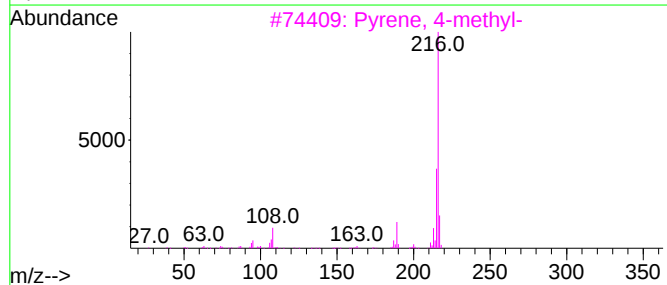
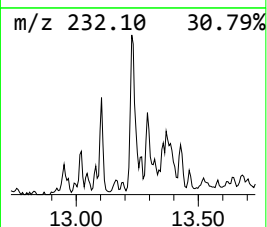
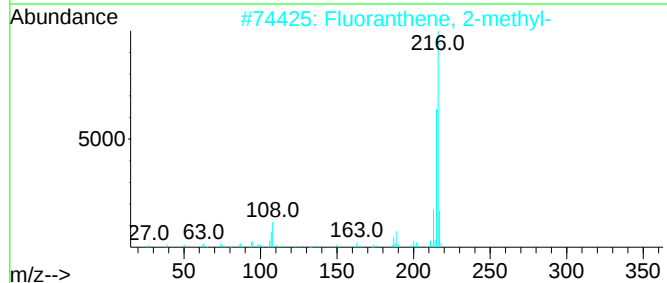
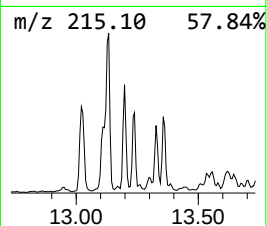
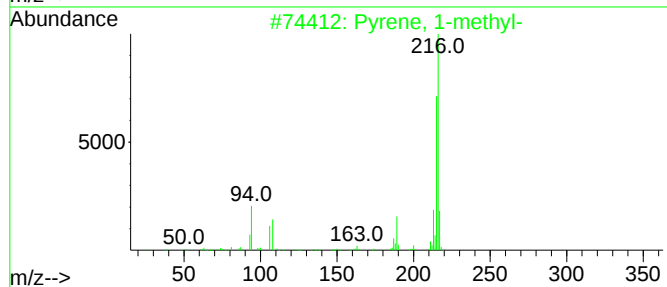
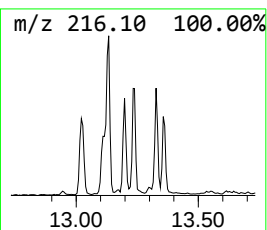
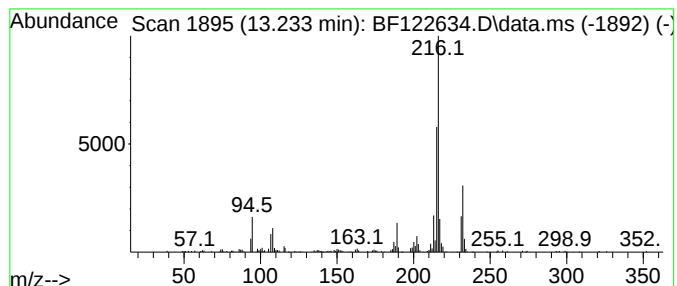
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.13 ng	251257	Chrysene-d12	14.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-120820

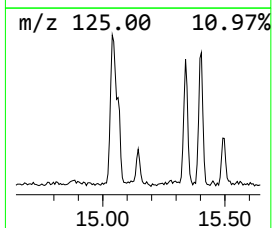
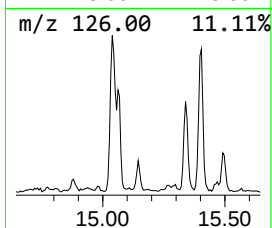
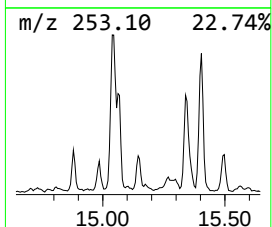
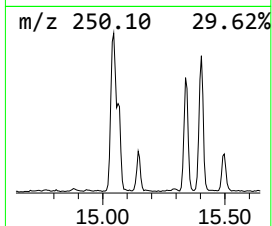
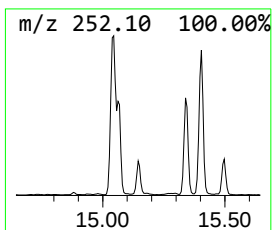
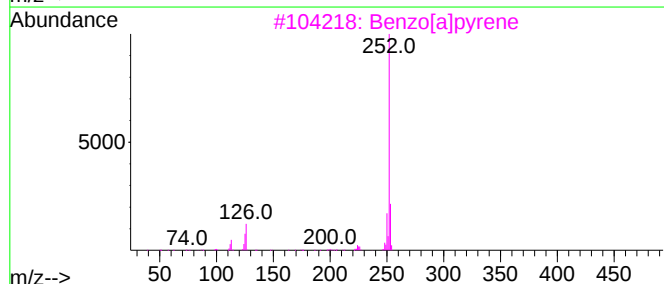
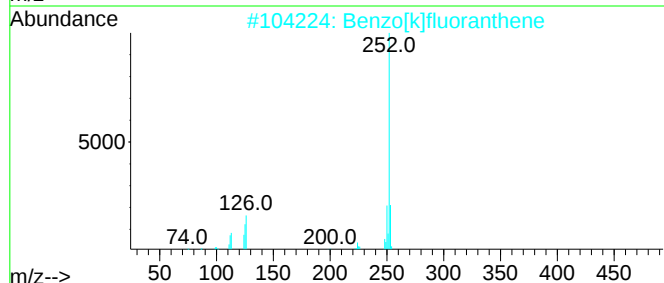
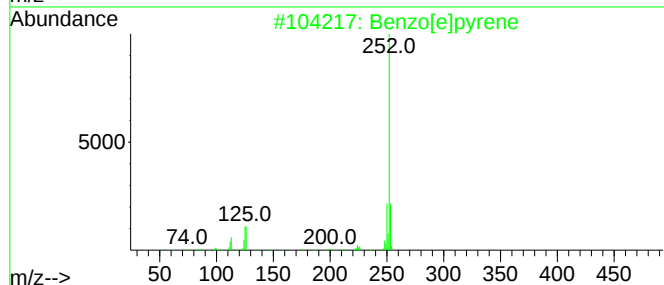
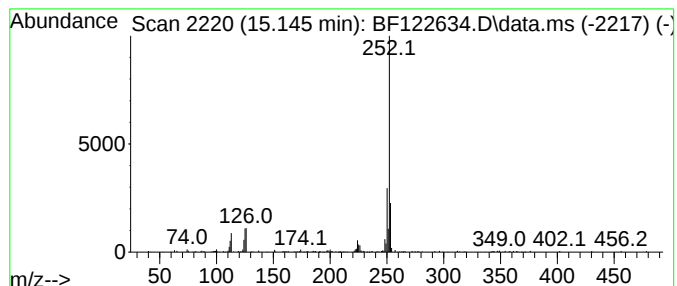
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.15 ng	158355	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-120820

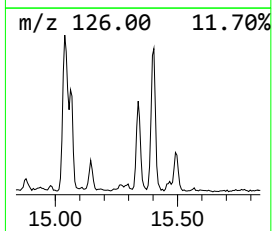
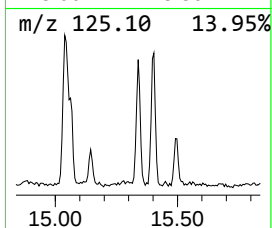
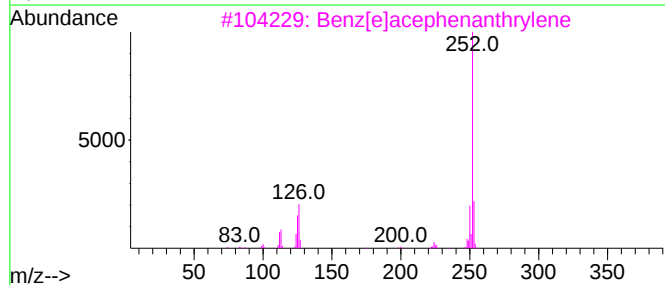
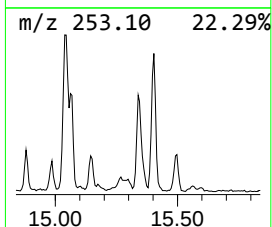
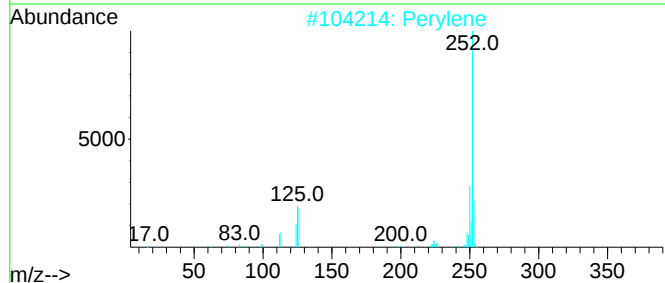
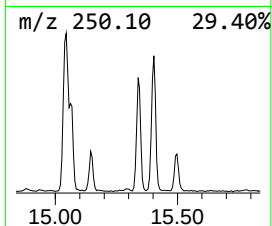
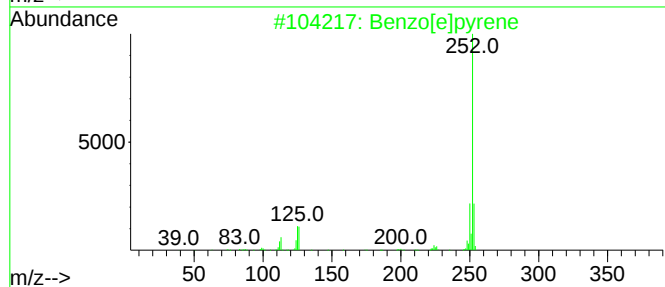
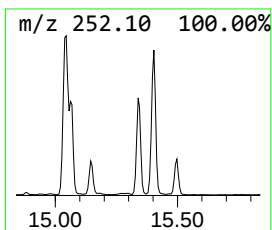
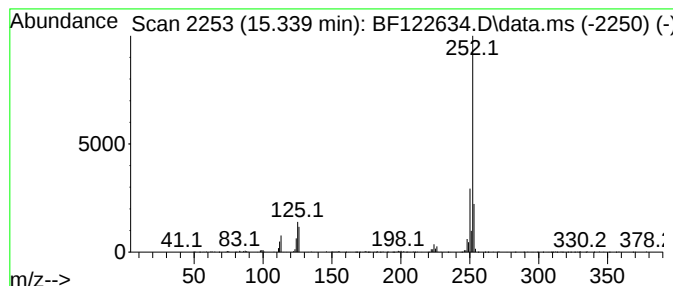
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	8.38 ng	618035	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122634.D
Acq On : 10 Dec 2020 3:40
Operator : JU/CG
Sample : L4973-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-120820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Anthracene, 9-m...	11.863	3.3	ng	270501	4	11.363	1637730	20.0
Phenanthrene, 2...	11.892	4.4	ng	362854	4	11.363	1637730	20.0
Benzaldehyde, 3...	11.974	5.3	ng	433963	4	11.363	1637730	20.0
Anthracene, 2-m...	11.998	2.5	ng	208461	4	11.363	1637730	20.0
9,10-Anthracene...	12.180	2.1	ng	170948	4	11.363	1637730	20.0
Phenanthrene, 2...	12.416	2.9	ng	236693	4	11.363	1637730	20.0
9,12-Octadecadi...	12.439	2.5	ng	206945	4	11.363	1637730	20.0
Cyclopenta(def)...	12.498	2.1	ng	170594	4	11.363	1637730	20.0
Pyrene, 1-methyl-	13.021	2.3	ng	274955	5	14.004	2354260	20.0
11H-Benzo[b]flu...	13.133	2.7	ng	319873	5	14.004	2354260	20.0
Fluoranthene, 2...	13.233	2.1	ng	251257	5	14.004	2354260	20.0
Benzo[e]pyrene	15.145	2.1	ng	158355	6	15.468	1474740	20.0
Perylene	15.339	8.4	ng	618035	6	15.468	1474740	20.0