

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131145.D
 Acq On : 11 Nov 2022 02:47
 Operator : CG\JU
 Sample : N5518-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-03-110822

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-BF110922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	13	rVB	228067	233711	7.05%	0.637%
2	5.093	508	511	521	rBV	90569	98016	2.96%	0.267%
3	5.504	577	581	591	rBV	666414	602230	18.18%	1.642%
4	6.516	749	753	764	rVB	649564	569750	17.19%	1.554%
5	6.892	813	817	820	rVB	500926	410600	12.39%	1.120%
6	7.451	909	912	916	rBV	424487	331582	10.01%	0.904%
7	8.175	1031	1035	1037	rBV	597473	470756	14.21%	1.284%
8	8.198	1037	1039	1042	rVB	155873	120037	3.62%	0.327%
9	8.886	1153	1156	1160	rBV	199063	161398	4.87%	0.440%
10	8.986	1168	1173	1177	rBV	231360	193821	5.85%	0.529%
11	9.251	1214	1218	1221	rBV	719846	576569	17.40%	1.572%
12	9.522	1259	1264	1267	rBV	115943	150886	4.55%	0.411%
13	9.592	1272	1276	1278	rBV	201421	201282	6.07%	0.549%
14	9.616	1278	1280	1285	rVB	114130	92128	2.78%	0.251%
15	9.710	1291	1296	1297	rBV	102204	93576	2.82%	0.255%
16	9.792	1307	1310	1316	rBV2	221933	218102	6.58%	0.595%
17	9.933	1332	1334	1337	rVV	624533	475957	14.36%	1.298%
18	9.969	1337	1340	1343	rVV	613020	464991	14.03%	1.268%
19	10.039	1349	1352	1356	rVB2	54744	62567	1.89%	0.171%
20	10.139	1365	1369	1373	rVV	391385	352889	10.65%	0.962%
21	10.175	1373	1375	1378	rVB	98006	69374	2.09%	0.189%
22	10.251	1384	1388	1390	rBV2	96563	103844	3.13%	0.283%
23	10.339	1399	1403	1405	rBV3	58874	78140	2.36%	0.213%
24	10.486	1424	1428	1433	rVB	802757	672670	20.30%	1.834%
25	10.551	1433	1439	1440	rBV	86849	111902	3.38%	0.305%
26	10.569	1440	1442	1444	rVV3	96199	84414	2.55%	0.230%
27	10.639	1452	1454	1457	rVB	138396	117963	3.56%	0.322%
28	10.728	1462	1469	1473	rVV	490260	530792	16.02%	1.447%
29	10.851	1484	1490	1495	rVB5	72913	128685	3.88%	0.351%
30	11.033	1515	1521	1524	rBV2	200677	238426	7.20%	0.650%
31	11.063	1524	1526	1529	rVV2	128260	111244	3.36%	0.303%
32	11.116	1532	1535	1538	rVB	123733	107844	3.25%	0.294%
33	11.163	1538	1543	1544	rBV3	68405	101889	3.07%	0.278%
34	11.186	1544	1547	1552	rVV3	86707	120564	3.64%	0.329%
35	11.233	1552	1555	1559	rVV3	78169	86971	2.62%	0.237%
36	11.275	1559	1562	1565	rVV2	91101	106196	3.20%	0.290%

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Stop Thrs : 0

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37	11.327	1565	1571	1575	rVB	349687	348960	10.53%	0.952%
38	11.433	1585	1589	1590	rBV	524429	514980	15.54%	1.404%
39	11.463	1590	1594	1597	rVV	3185561	2959457	89.32%	8.070%
40	11.510	1598	1602	1604	rVV	1012549	865572	26.12%	2.360%
41	11.539	1604	1607	1609	rVV2	149957	164925	4.98%	0.450%
42	11.586	1612	1615	1620	rVV3	60999	99331	3.00%	0.271%
43	11.663	1624	1628	1633	rVV	355531	361383	10.91%	0.985%
44	11.722	1636	1638	1642	rVV2	113487	122835	3.71%	0.335%
45	11.763	1642	1645	1649	rVV	229604	222512	6.72%	0.607%
46	11.845	1656	1659	1663	rVB	147122	152736	4.61%	0.416%
47	11.933	1670	1674	1676	rVV	599742	551867	16.66%	1.505%
48	11.963	1676	1679	1682	rVB	786351	656765	19.82%	1.791%
49	12.010	1682	1687	1690	rBV	304278	287532	8.68%	0.784%
50	12.045	1690	1693	1696	rVV2	1002116	1178225	35.56%	3.213%
51	12.069	1696	1697	1702	rVB	448905	249954	7.54%	0.682%
52	12.116	1702	1705	1707	rBV2	68834	66905	2.02%	0.182%
53	12.169	1711	1714	1716	rBV	80359	72526	2.19%	0.198%
54	12.227	1721	1724	1727	rVV	368935	341101	10.29%	0.930%
55	12.257	1727	1729	1735	rVB2	181648	169772	5.12%	0.463%
56	12.357	1744	1746	1748	rBV	73216	73880	2.23%	0.201%
57	12.374	1748	1749	1752	rVV	104089	88677	2.68%	0.242%
58	12.410	1752	1755	1757	rVV	181993	154080	4.65%	0.420%
59	12.433	1757	1759	1761	rVB2	152886	112980	3.41%	0.308%
60	12.486	1764	1768	1770	rBV	384261	395106	11.92%	1.077%
61	12.522	1770	1774	1776	rVV3	225009	310044	9.36%	0.845%
62	12.539	1776	1777	1780	rVB	108037	80285	2.42%	0.219%
63	12.574	1780	1783	1787	rBV3	192666	276924	8.36%	0.755%
64	12.610	1787	1789	1792	rVB2	73377	63629	1.92%	0.174%
65	12.657	1792	1797	1800	rBV	2870371	2988909	90.20%	8.150%
66	12.692	1800	1803	1805	rVV	109129	104591	3.16%	0.285%
67	12.710	1805	1806	1809	rVV2	108299	91347	2.76%	0.249%
68	12.745	1809	1812	1814	rVB2	91197	73685	2.22%	0.201%
69	12.804	1819	1822	1825	rVB	199335	171172	5.17%	0.467%
70	12.892	1829	1837	1841	rBV	2676503	3313483	100.00%	9.036%
71	12.927	1841	1843	1847	rVB2	200070	218418	6.59%	0.596%
72	12.998	1851	1855	1856	rBV2	168858	178844	5.40%	0.488%
73	13.016	1856	1858	1861	rVV	653618	537047	16.21%	1.464%
74	13.039	1861	1862	1865	rVB	161172	108368	3.27%	0.296%
75	13.092	1867	1871	1876	rBV3	245882	429258	12.95%	1.171%
76	13.186	1883	1887	1888	rBV3	207688	251572	7.59%	0.686%

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77	13.210	1888	1891	1894	rVB	639210	579356	17.48%	1.580%
78	13.274	1899	1902	1905	rVV	520118	410705	12.39%	1.120%
79	13.316	1905	1909	1912	rBV2	369042	380332	11.48%	1.037%
80	13.369	1916	1918	1921	rBV2	63100	64741	1.95%	0.177%
81	13.410	1922	1925	1927	rBV	222719	192846	5.82%	0.526%
82	13.439	1927	1930	1932	rBV	268989	223235	6.74%	0.609%
83	13.580	1952	1954	1957	rBV4	70237	91038	2.75%	0.248%
84	13.692	1970	1973	1975	rBV3	103958	118249	3.57%	0.322%
85	13.833	1994	1997	1999	rBV	189049	166594	5.03%	0.454%
86	13.857	1999	2001	2003	rVB	187033	128101	3.87%	0.349%
87	13.886	2003	2006	2011	rBV3	129141	191028	5.77%	0.521%
88	14.074	2035	2038	2042	rBV2	1085838	1387976	41.89%	3.785%
89	14.116	2042	2045	2051	rVB	955690	954014	28.79%	2.602%
90	14.168	2052	2054	2055	rBV	82315	70224	2.12%	0.191%
91	14.192	2055	2058	2060	rVB2	174635	151666	4.58%	0.414%
92	14.227	2062	2064	2070	rBV4	84561	121710	3.67%	0.332%
93	14.468	2101	2105	2109	rBV	275986	324346	9.79%	0.884%
94	14.504	2109	2111	2114	rVB	124378	92485	2.79%	0.252%
95	15.151	2216	2221	2224	rBV	578360	946638	28.57%	2.581%
96	15.257	2236	2239	2242	rBV	148153	156894	4.74%	0.428%
97	15.463	2270	2274	2280	rVB	363901	493102	14.88%	1.345%
98	15.527	2281	2285	2290	rVB	615089	754411	22.77%	2.057%
99	15.586	2292	2295	2298	rBV	199176	232183	7.01%	0.633%
100	17.115	2551	2555	2562	rVB2	199565	378334	11.42%	1.032%

Sum of corrected areas: 36671611

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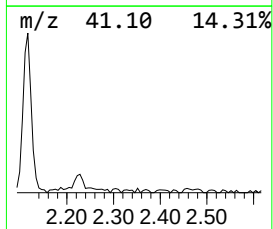
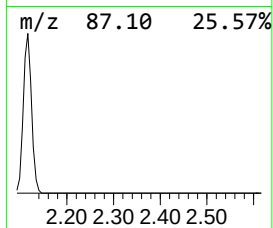
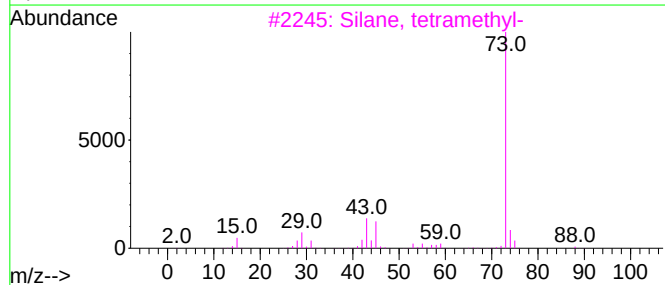
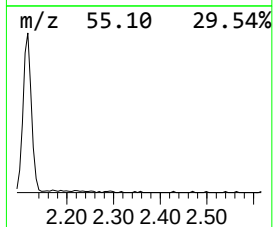
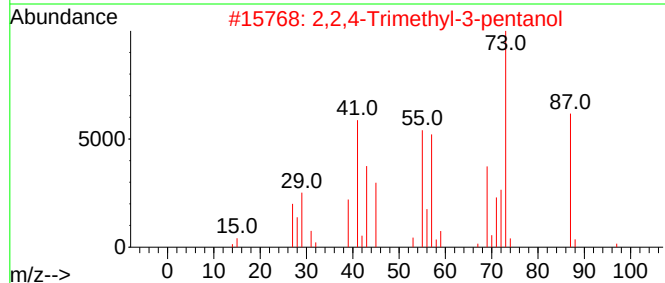
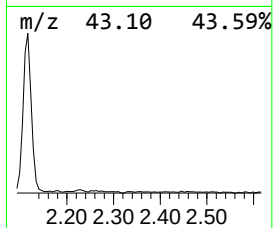
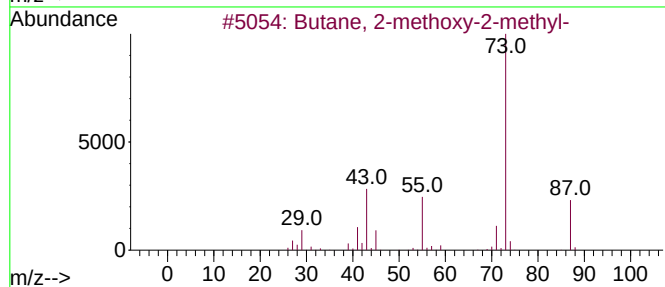
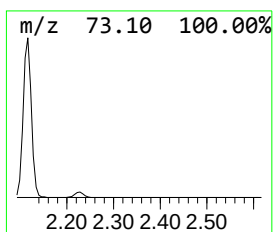
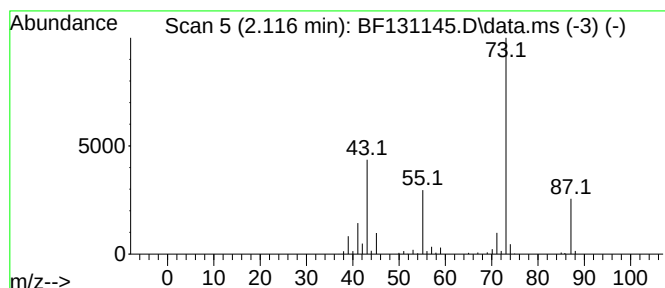
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	11.38 ng	233711	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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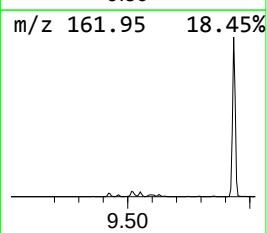
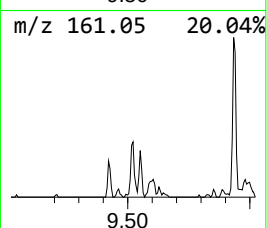
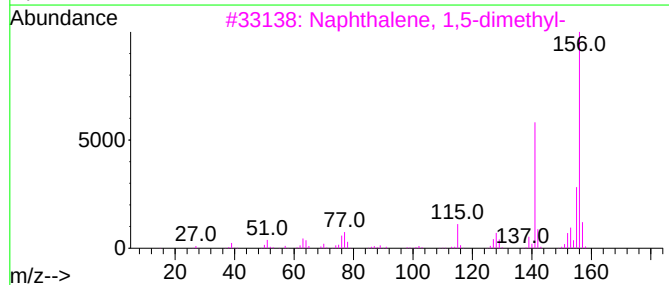
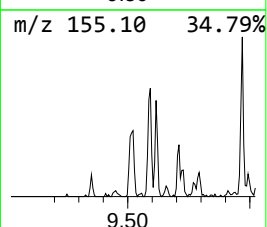
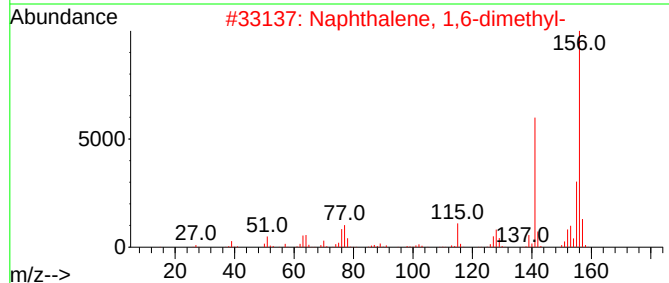
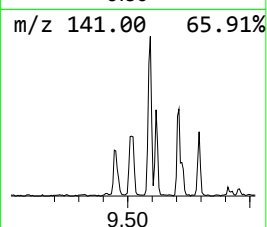
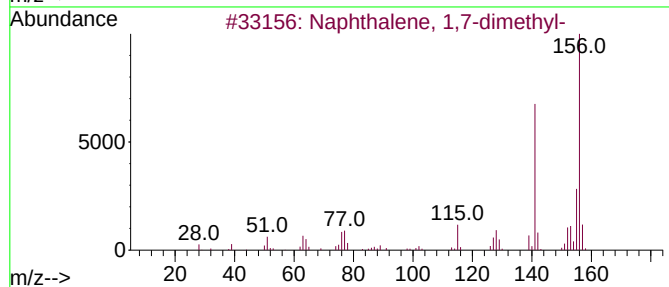
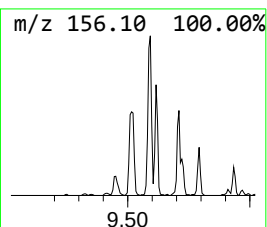
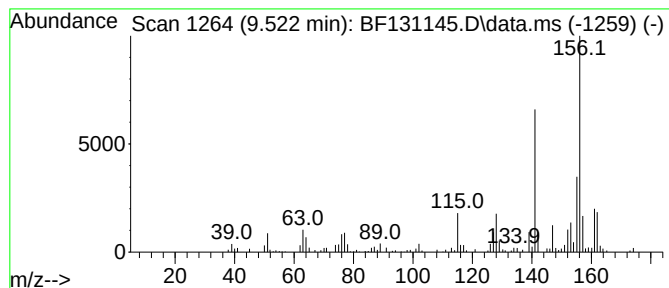
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	6.34 ng	150886	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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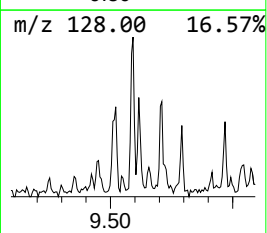
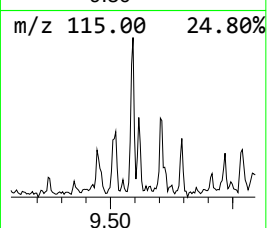
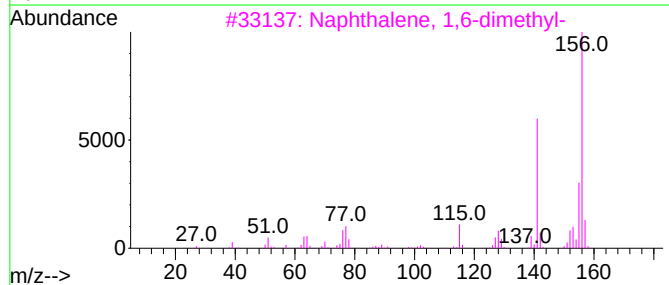
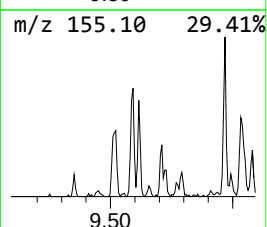
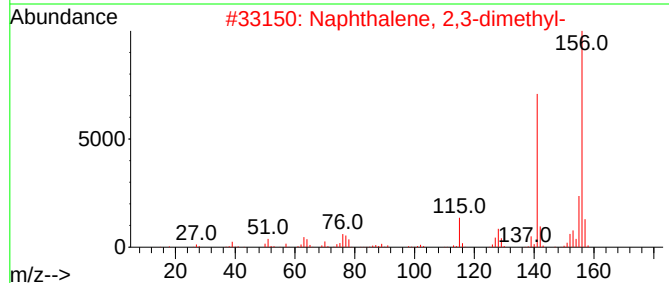
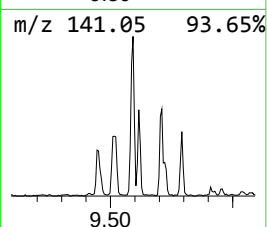
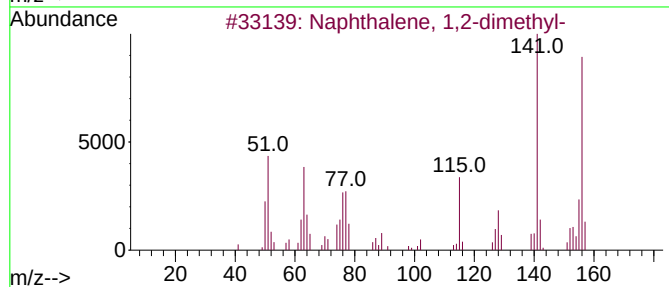
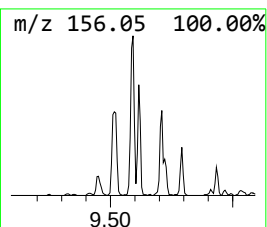
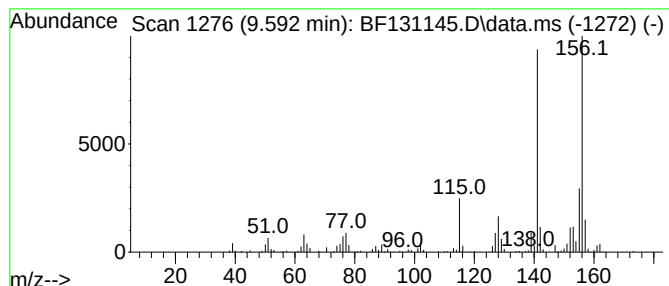
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	8.46 ng	201282	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

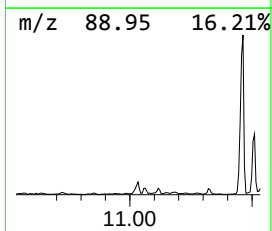
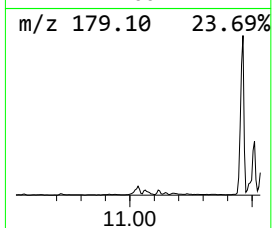
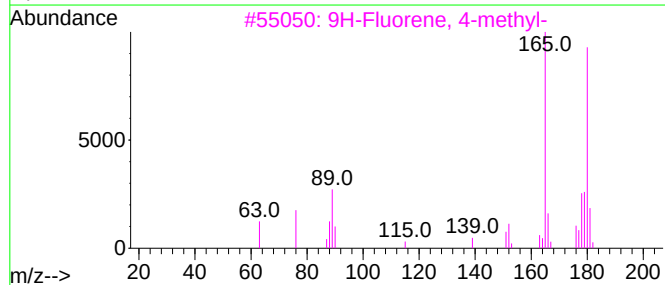
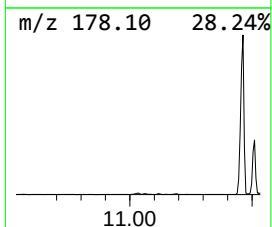
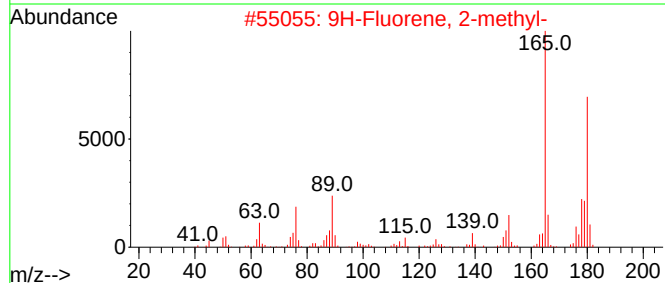
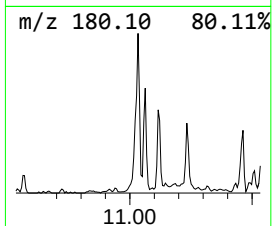
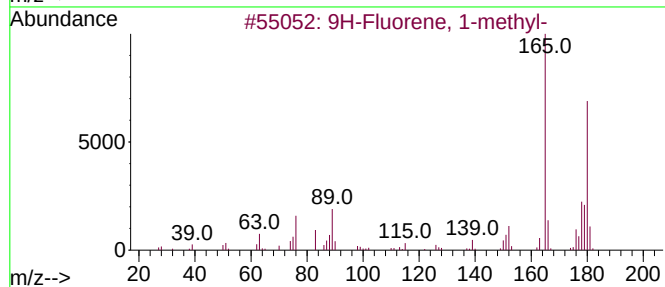
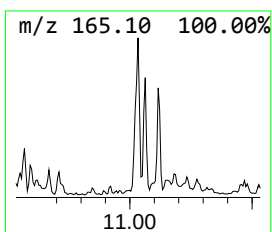
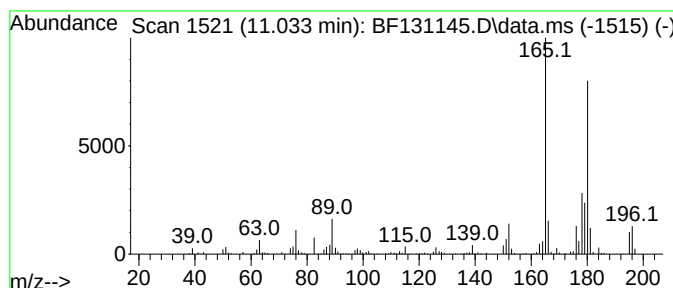
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	9.26 ng	238426	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
3	9H-Fluorene, 4-methyl-			180	C14H12	001556-99-6	90
4	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	89
5	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

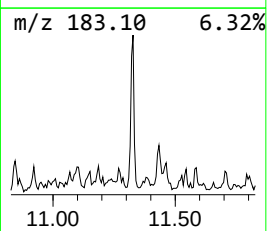
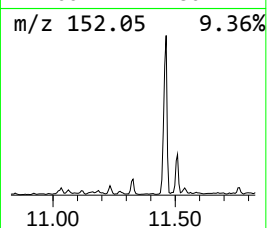
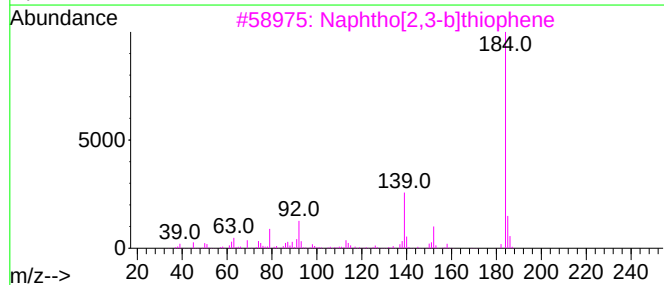
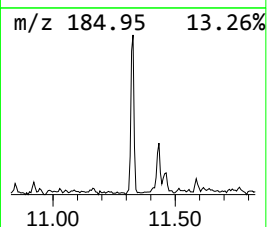
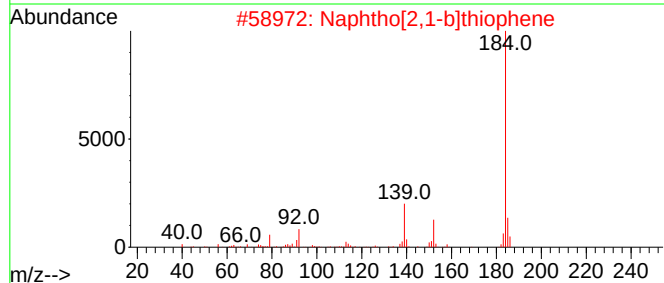
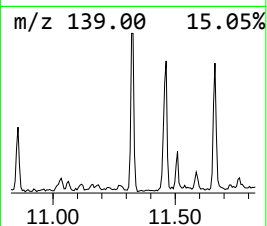
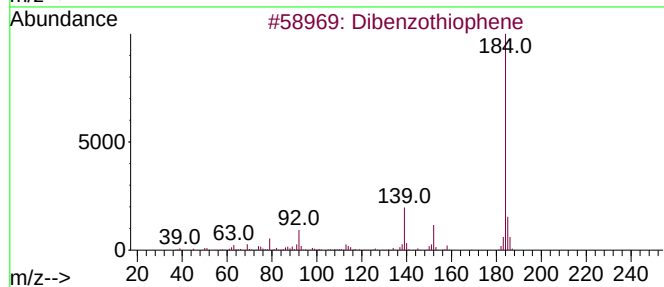
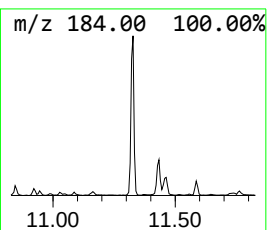
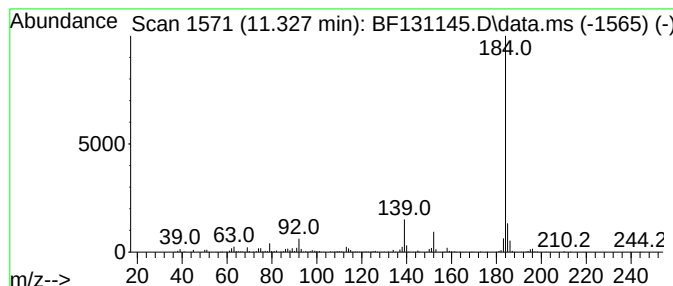
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	13.55 ng	348960	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

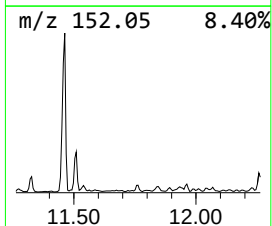
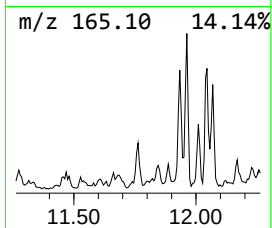
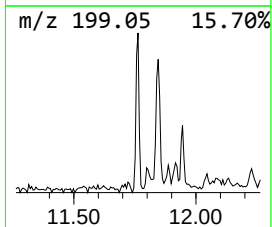
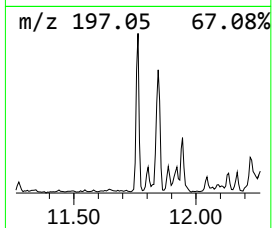
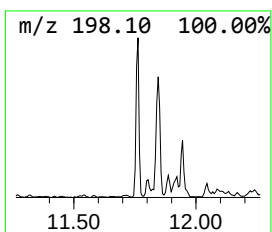
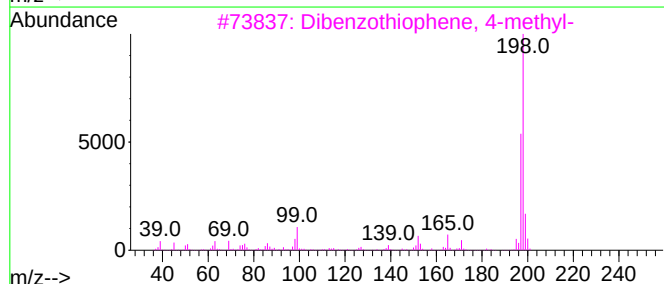
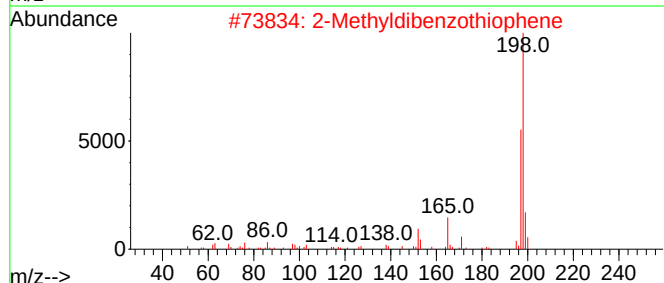
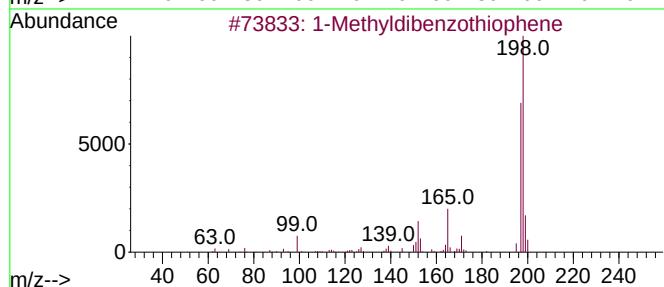
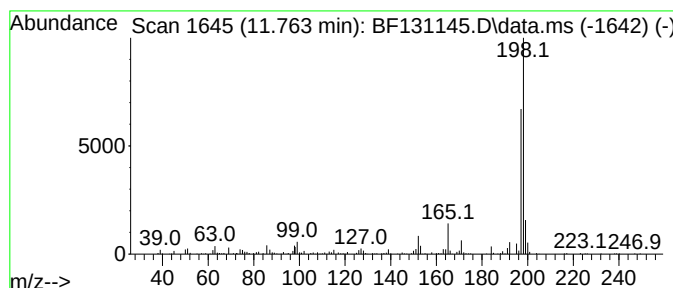
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.763	8.64 ng	222512	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
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Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

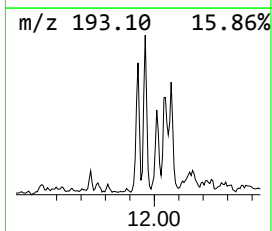
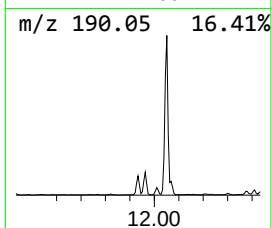
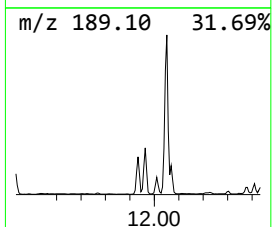
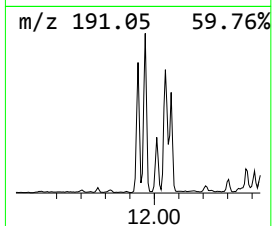
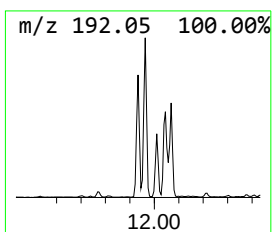
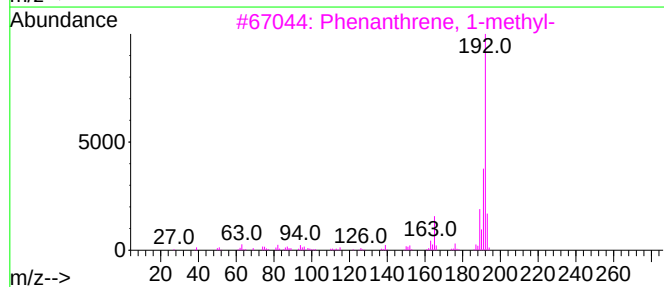
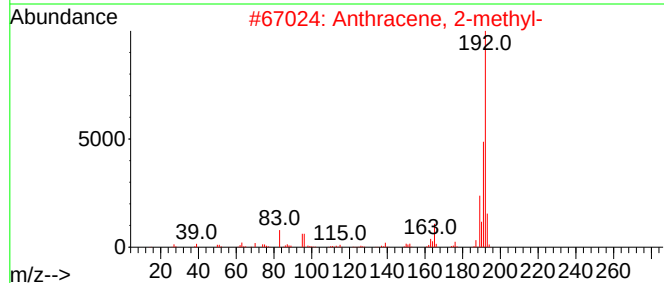
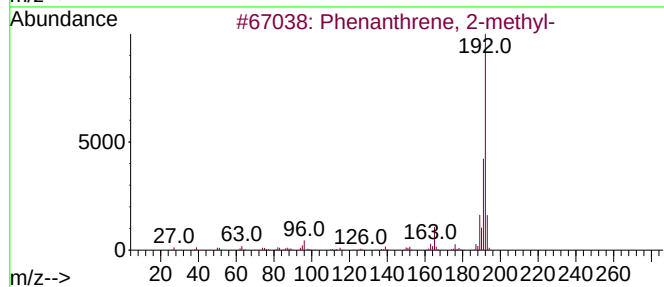
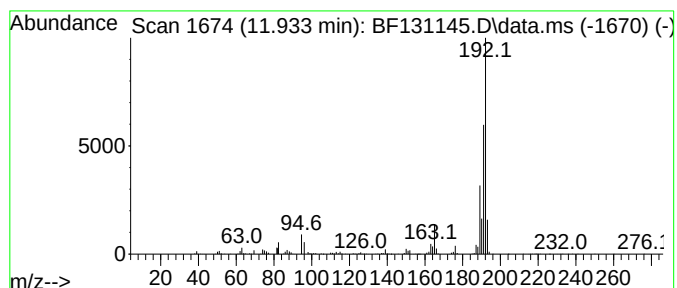
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.933	21.43 ng	551867	Phenanthrene-d10		11.433
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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Sample : N5518-03 2X
Misc :
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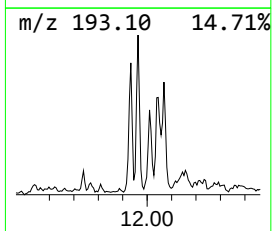
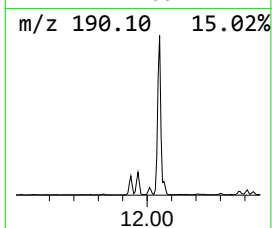
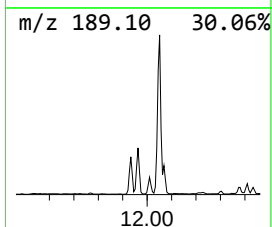
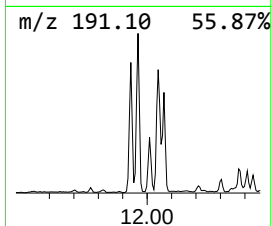
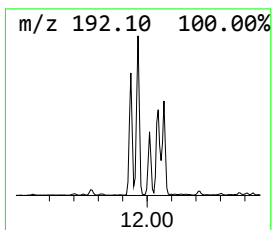
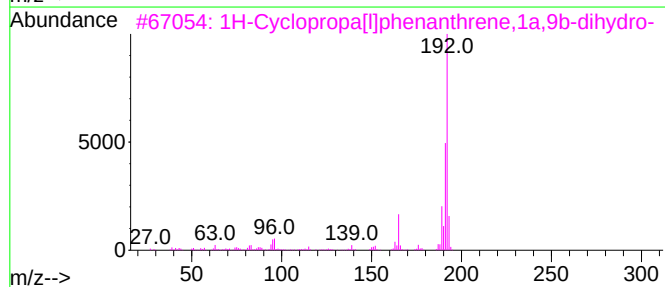
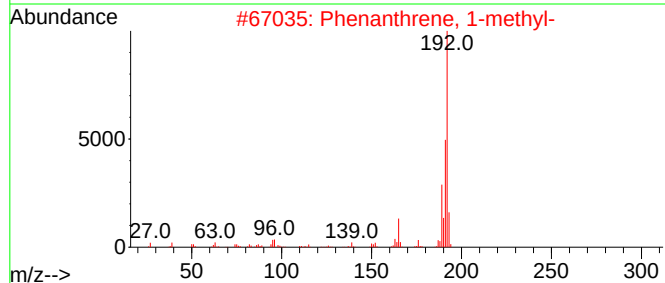
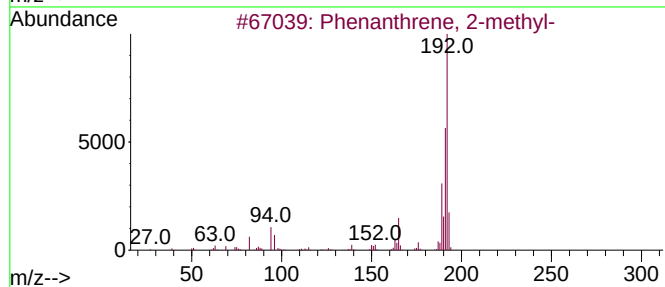
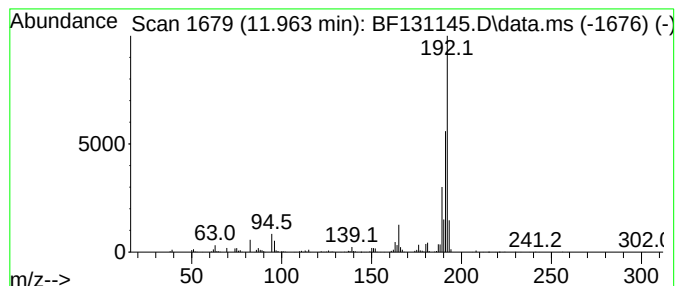
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.963	25.51 ng	656765	Phenanthrene-d10	11.433	
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	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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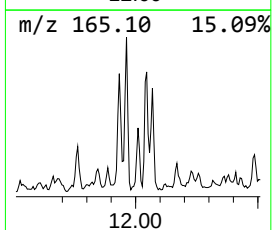
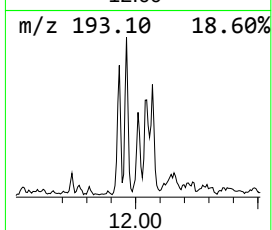
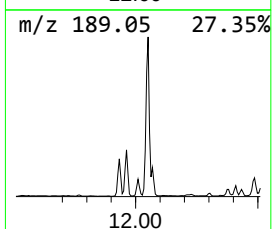
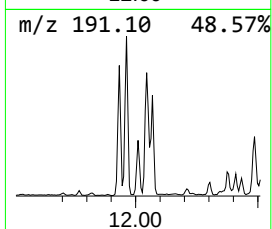
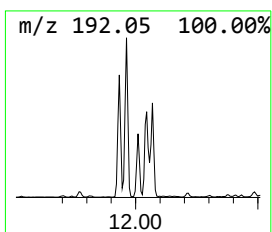
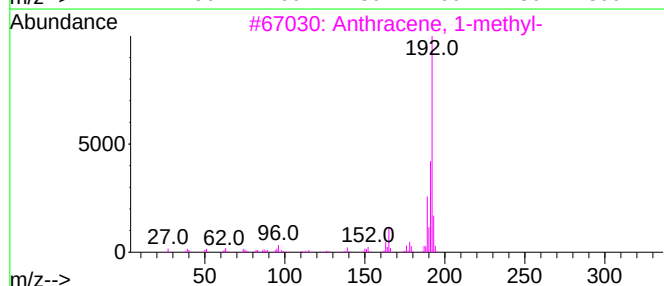
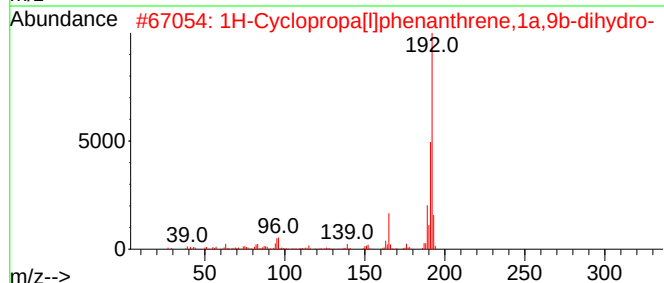
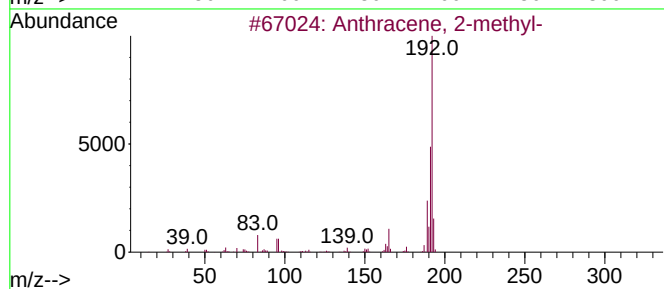
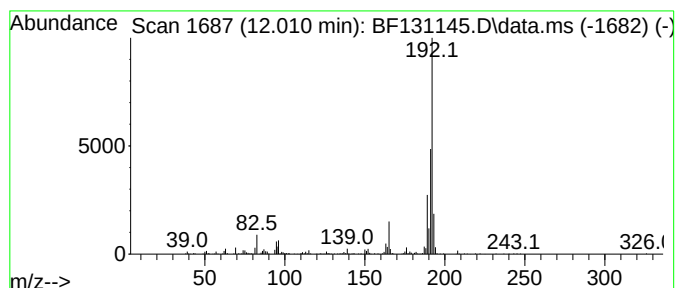
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.010	11.17 ng	287532	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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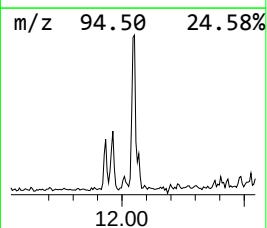
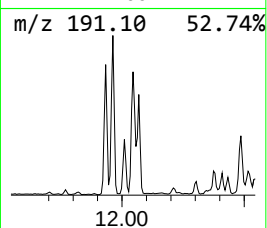
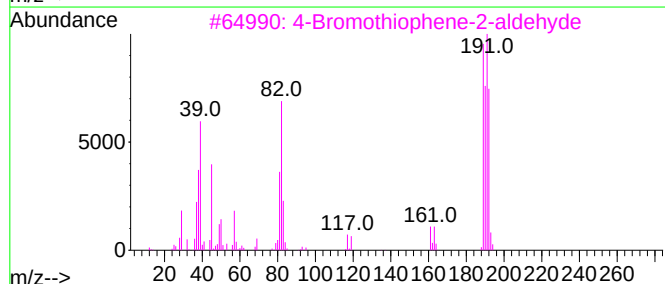
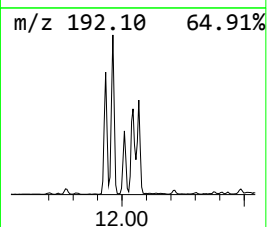
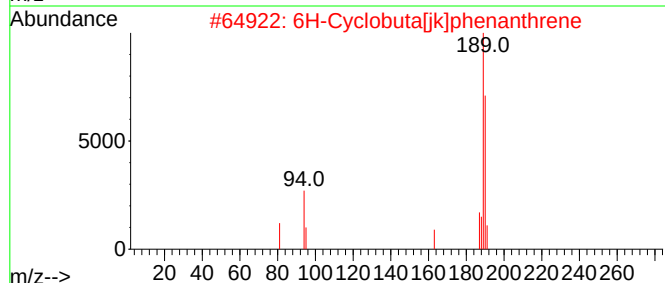
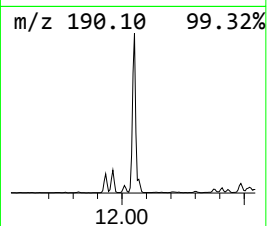
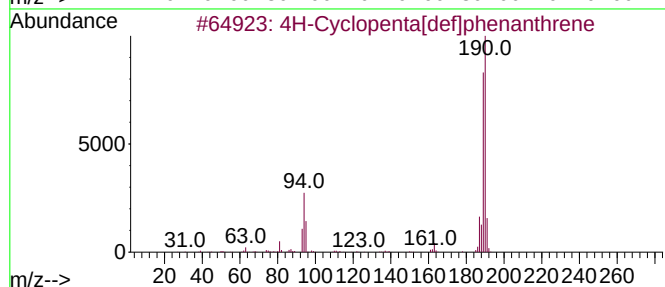
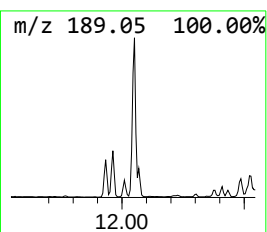
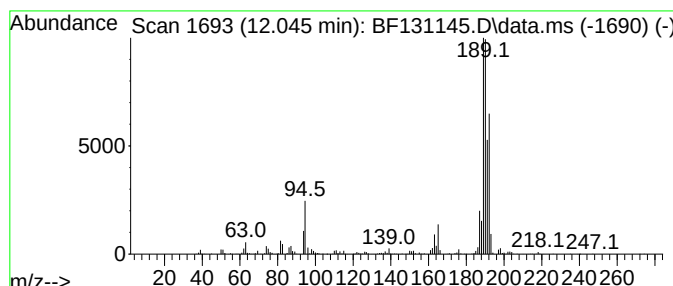
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.045	45.76 ng	1178230	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	43
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
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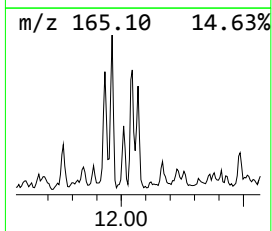
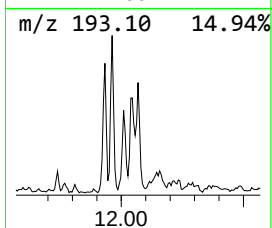
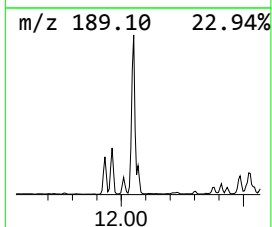
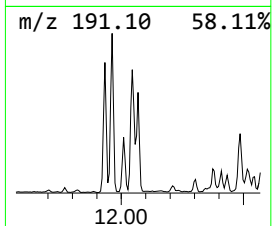
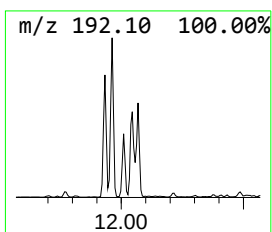
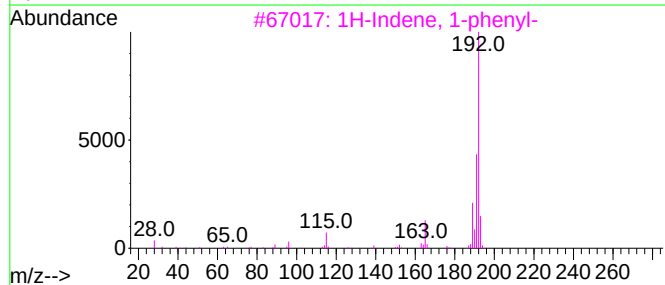
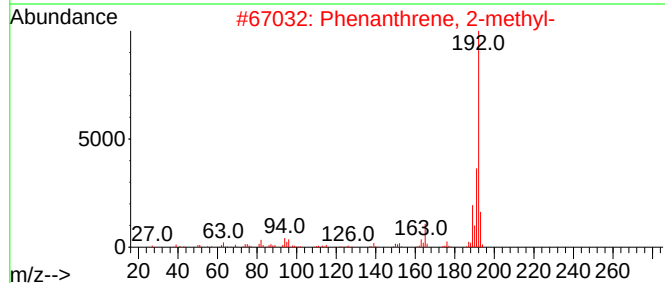
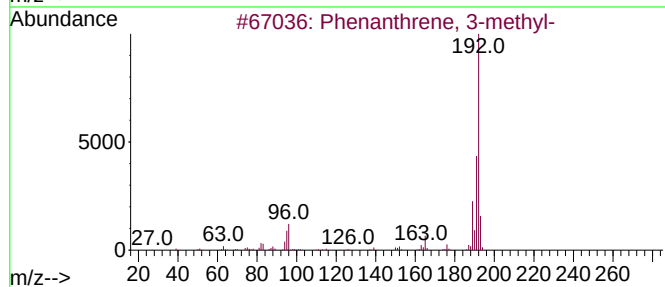
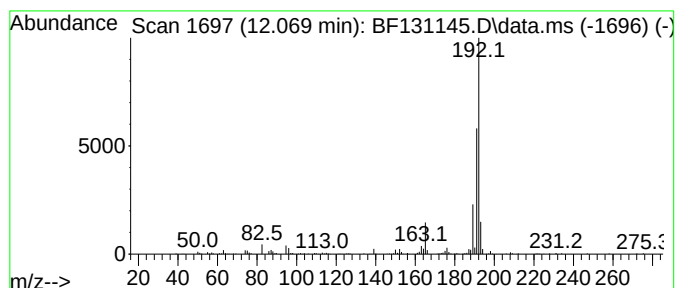
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.069	9.71 ng	249954	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	91
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	89
3	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	87
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-03-110822

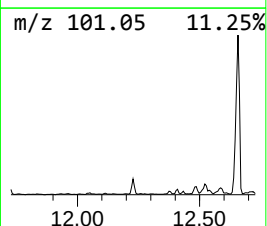
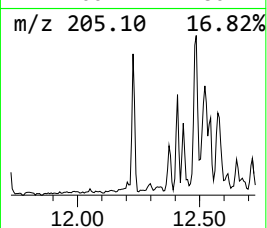
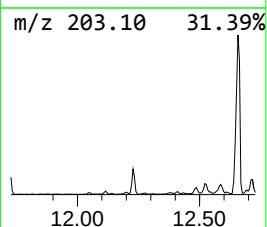
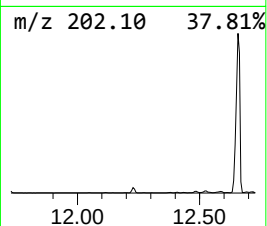
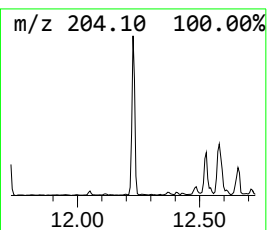
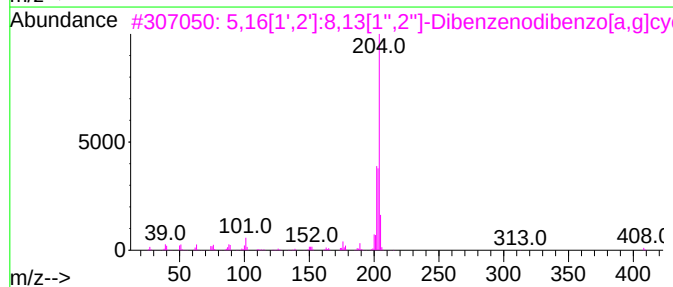
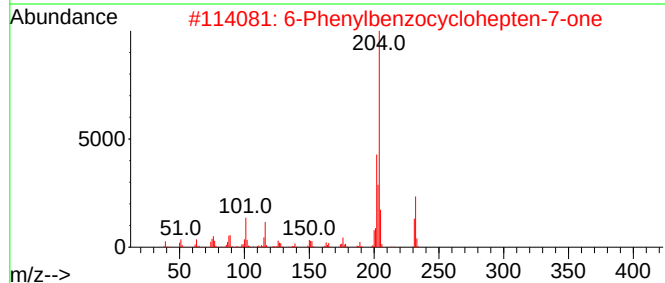
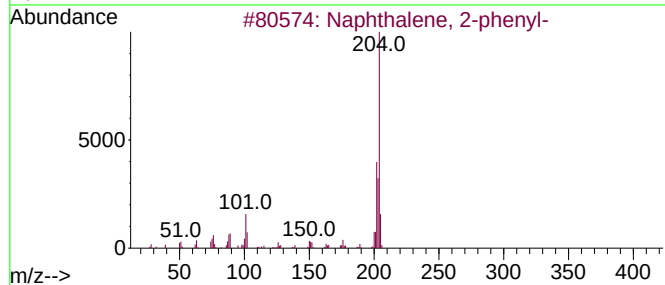
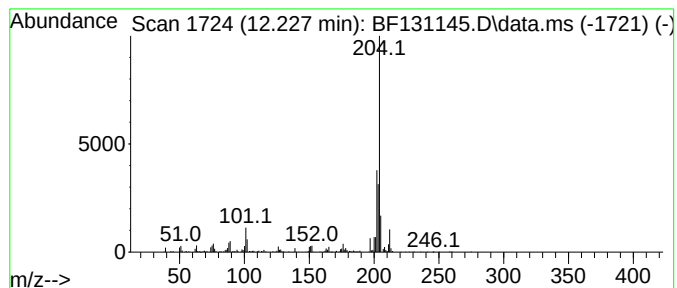
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	13.25 ng	341101	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

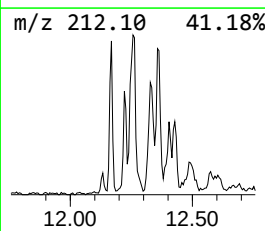
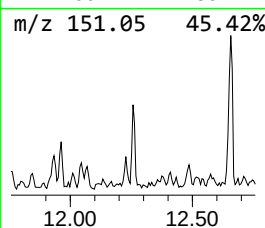
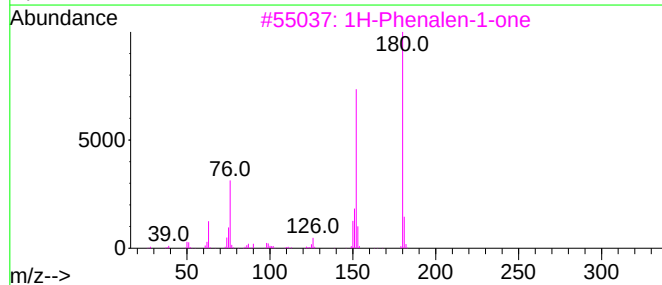
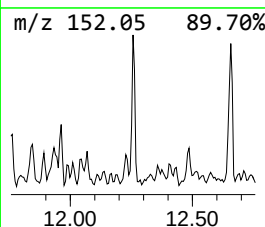
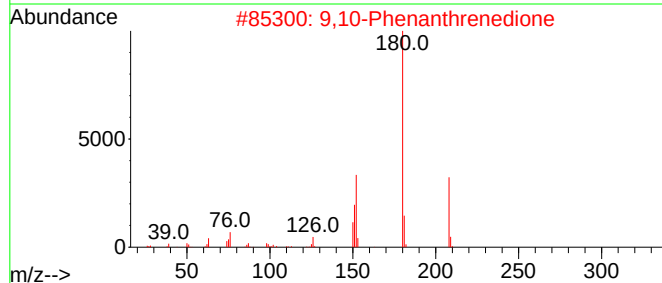
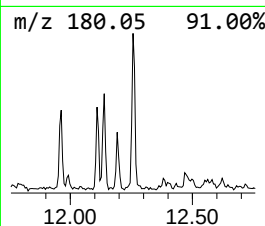
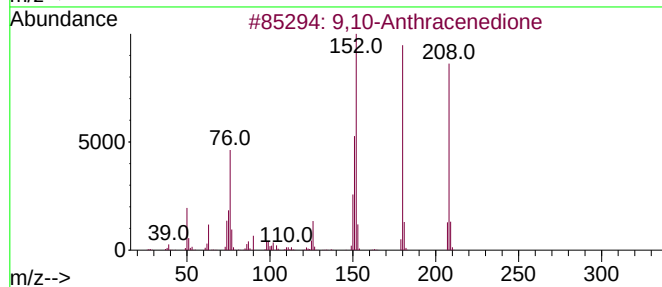
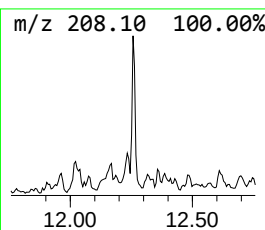
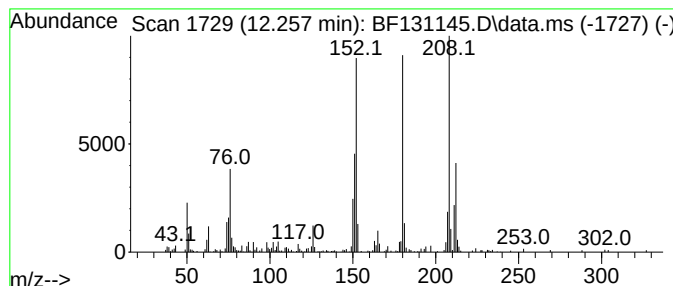
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	6.59 ng	169772	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	86
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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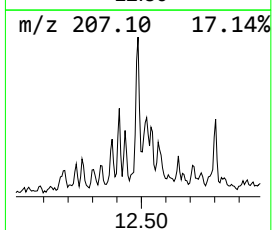
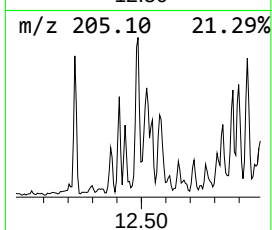
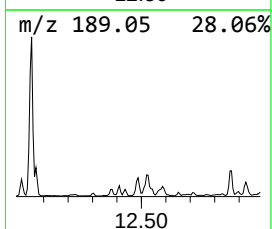
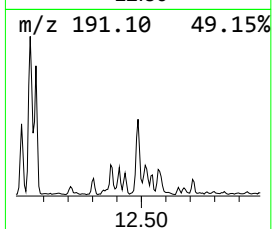
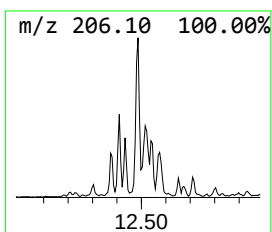
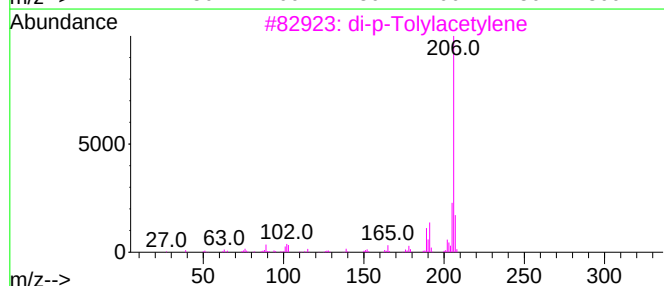
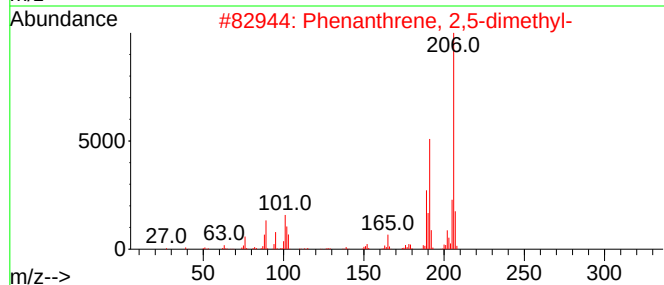
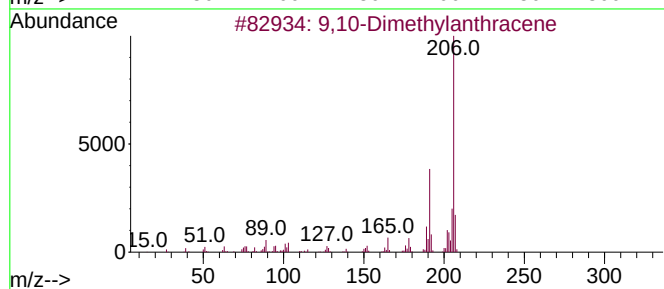
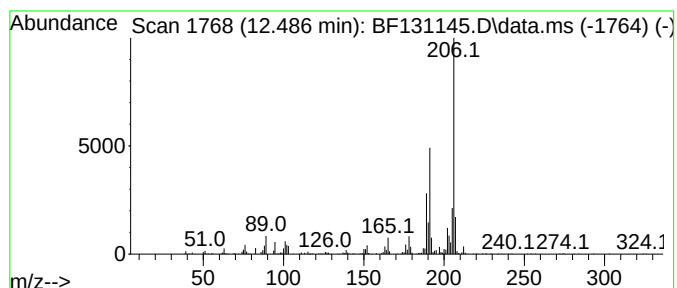
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	15.34 ng	395106	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	96	
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95	
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91	
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90	
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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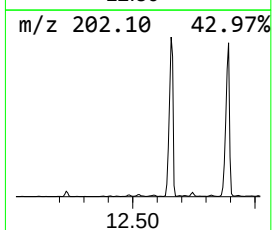
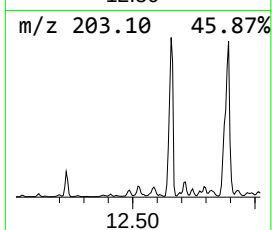
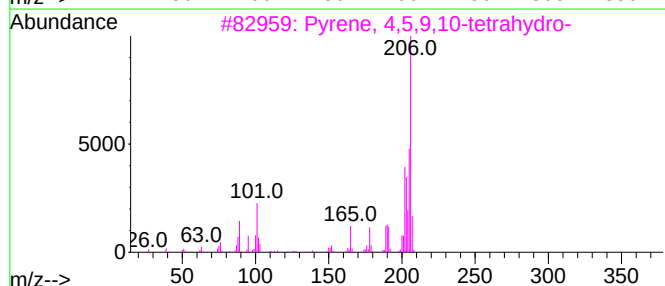
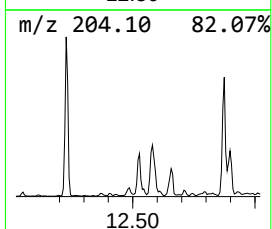
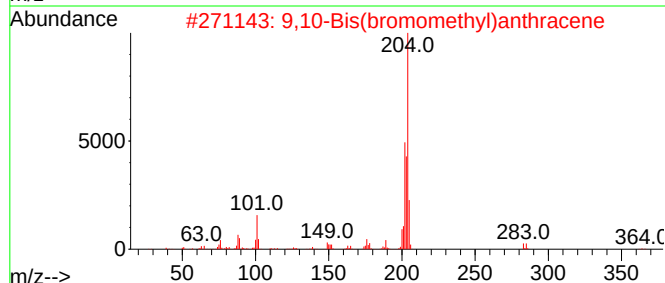
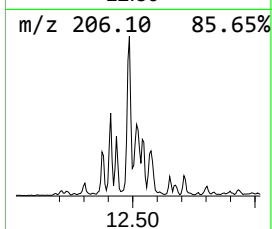
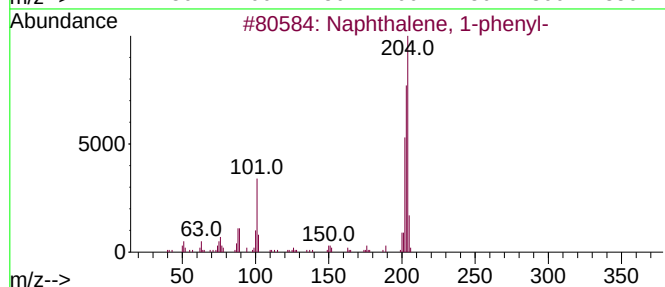
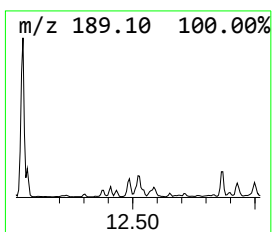
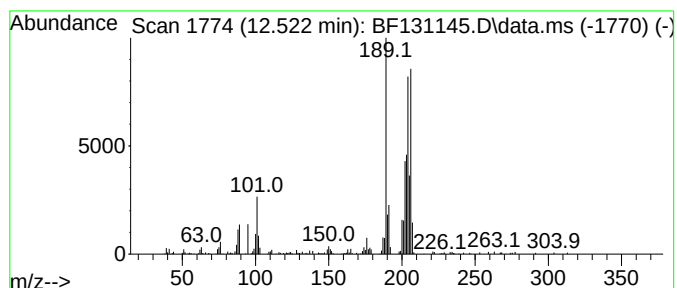
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	12.04 ng	310044	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
5			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
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ALS Vial : 22 Sample Multiplier: 1

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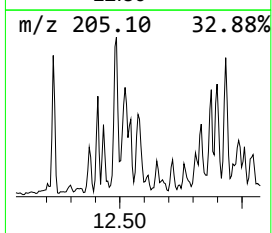
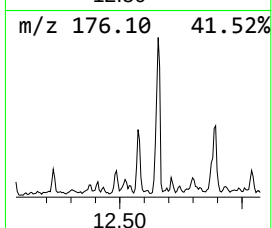
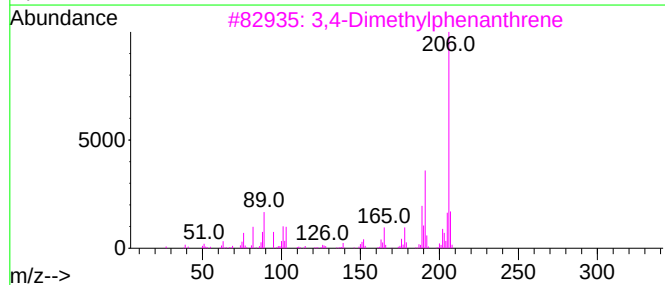
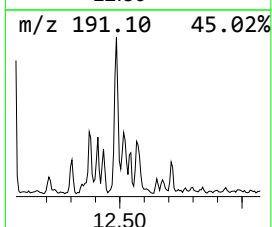
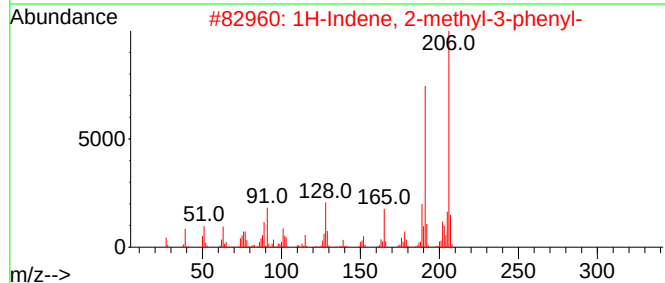
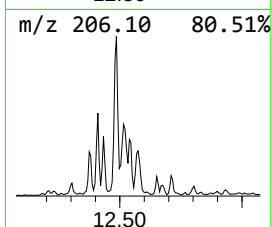
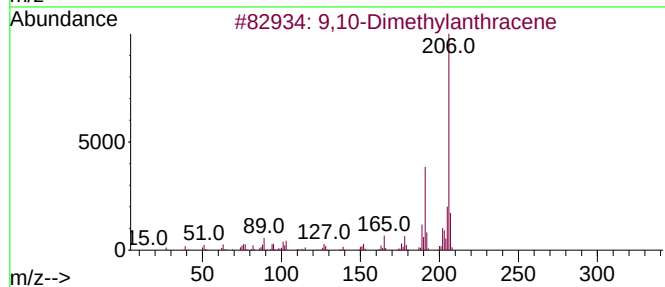
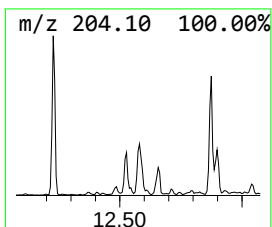
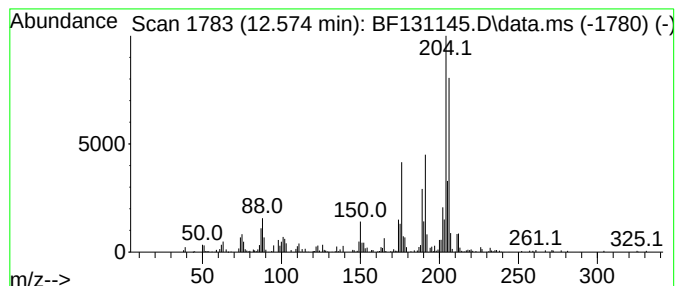
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown12.575 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	10.75 ng	276924	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	50
2		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46
3		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	45
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
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Sample : N5518-03 2X
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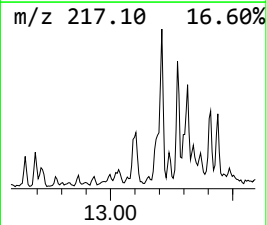
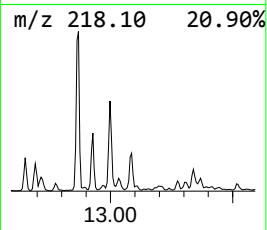
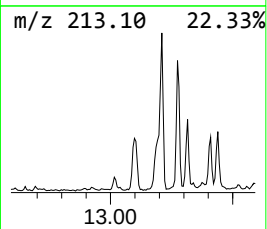
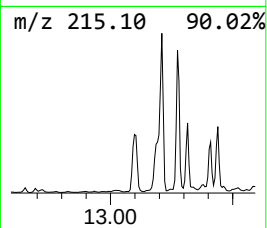
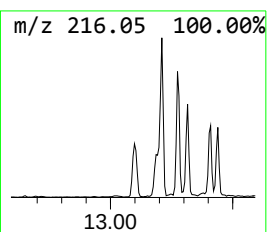
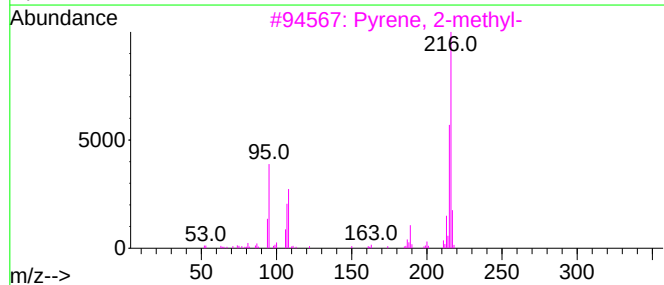
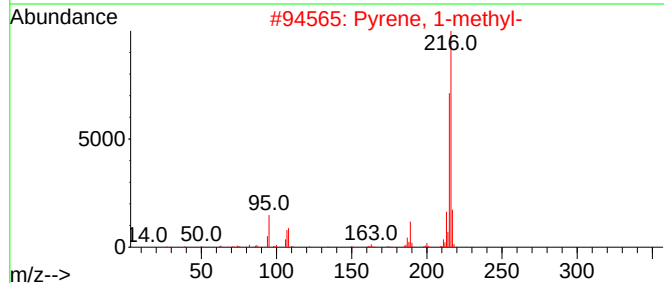
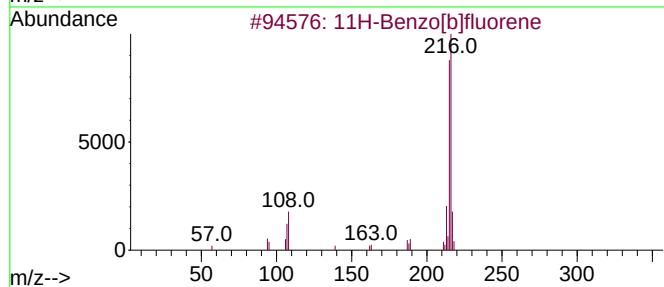
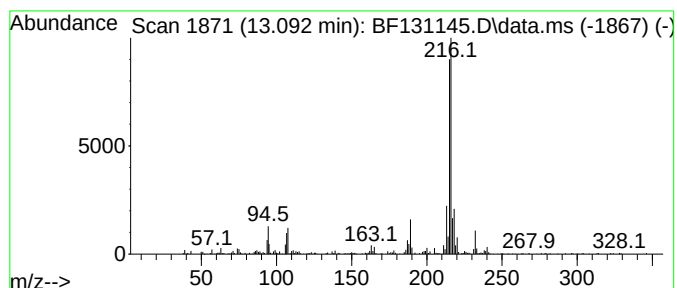
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ClientSampleId :
PAT-03-110822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.092	6.19 ng	429258	Chrysene-d12	14.086	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

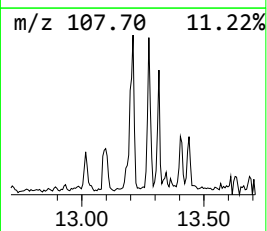
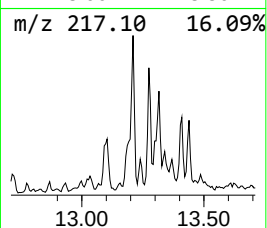
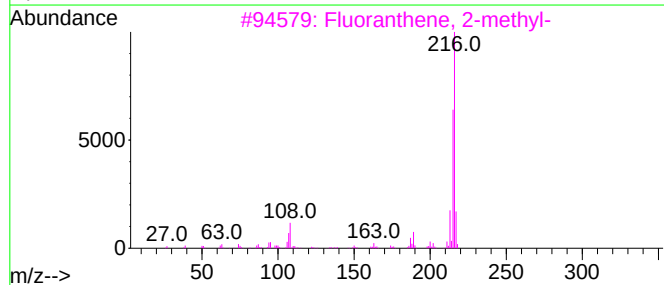
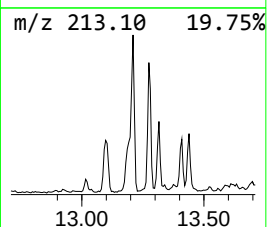
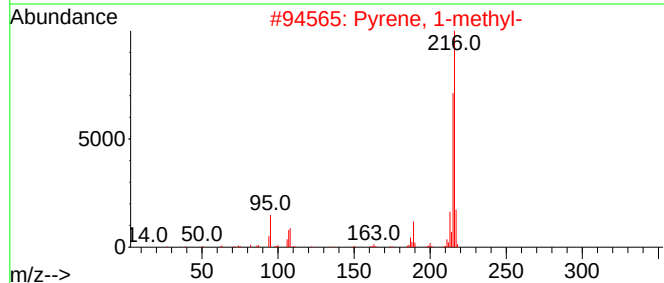
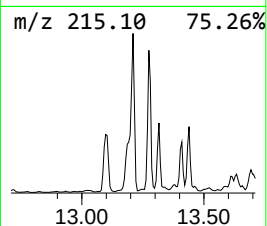
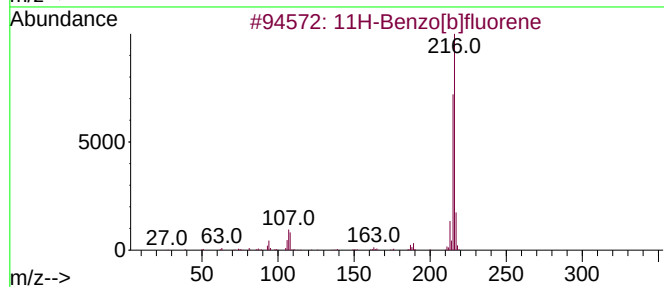
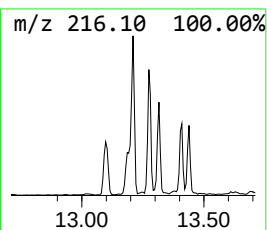
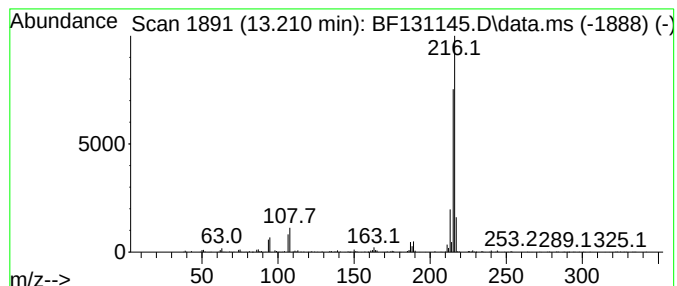
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	8.35 ng	579356	Chrysene-d12	14.086

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

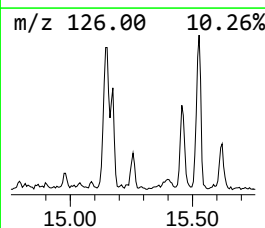
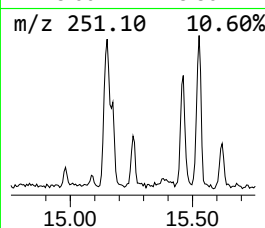
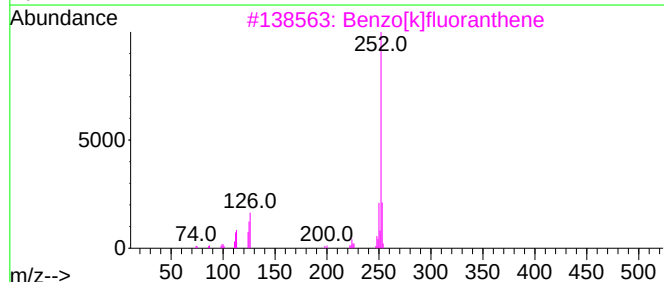
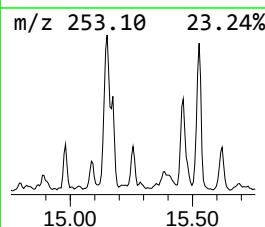
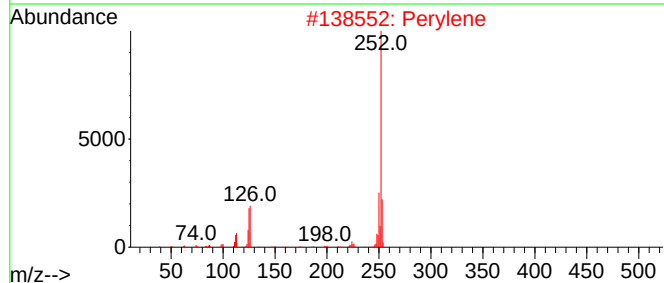
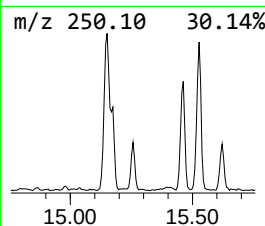
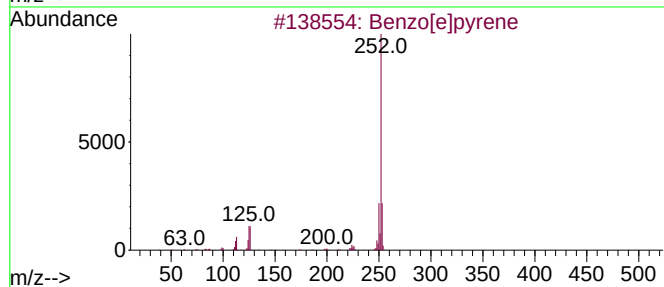
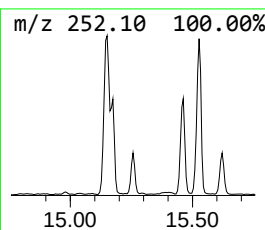
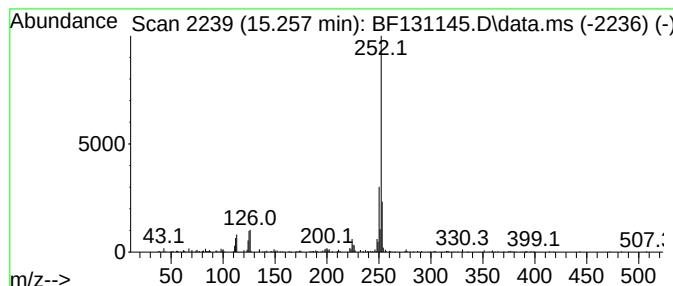
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	13.51 ng	156894	Perylene-d12	15.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131145.D
Acq On : 11 Nov 2022 02:47
Operator : CG\JU
Sample : N5518-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-03-110822

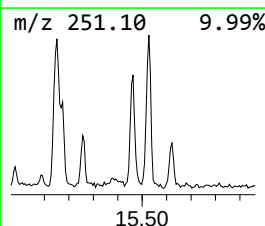
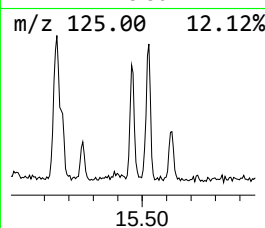
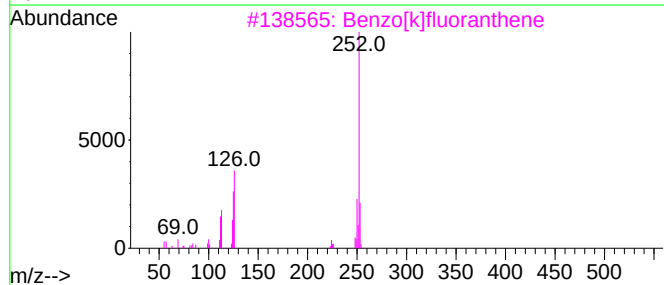
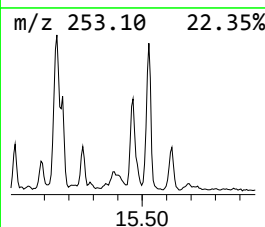
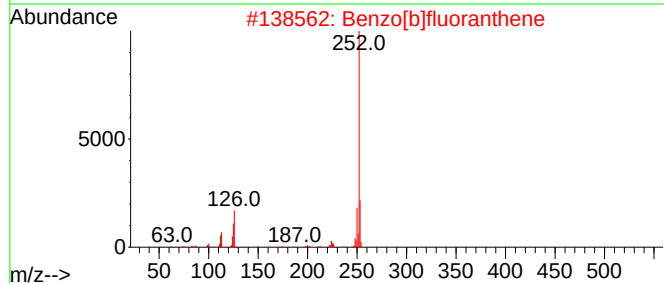
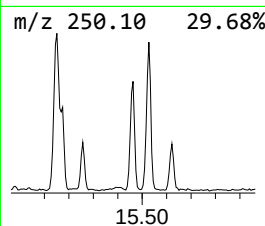
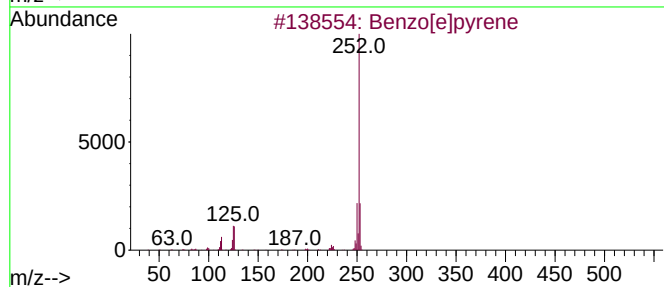
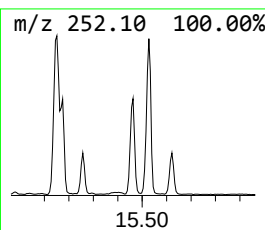
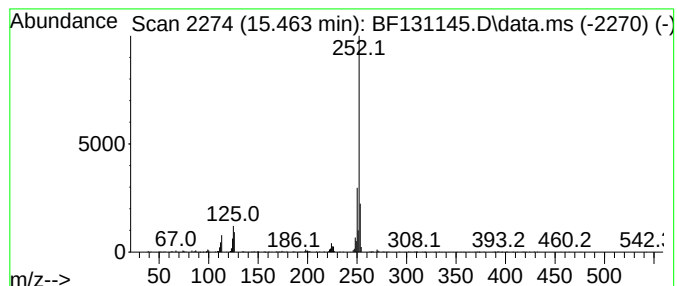
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	42.48 ng	493102	Perylene-d12	15.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131145.D
 Acq On : 11 Nov 2022 02:47
 Operator : CG\JU
 Sample : N5518-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-03-110822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	11.4	ng	233711	1	6.892	410600	20.0
Naphthalene, 1,...	9.522	6.3	ng	150886	3	9.933	475957	20.0
Naphthalene, 1,...	9.592	8.5	ng	201282	3	9.933	475957	20.0
9H-Fluorene, 1-...	11.033	9.3	ng	238426	4	11.433	514980	20.0
Dibenzothiophene	11.328	13.6	ng	348960	4	11.433	514980	20.0
1-Methyldibenzo...	11.763	8.6	ng	222512	4	11.433	514980	20.0
Phenanthrene, 2...	11.933	21.4	ng	551867	4	11.433	514980	20.0
Phenanthrene, 1...	11.963	25.5	ng	656765	4	11.433	514980	20.0
Anthracene, 2-m...	12.010	11.2	ng	287532	4	11.433	514980	20.0
4H-Cyclopenta[d...	12.045	45.8	ng	1178230	4	11.433	514980	20.0
Phenanthrene, 3...	12.069	9.7	ng	249954	4	11.433	514980	20.0
Naphthalene, 2-...	12.227	13.3	ng	341101	4	11.433	514980	20.0
9,10-Anthracene...	12.257	6.6	ng	169772	4	11.433	514980	20.0
9,10-Dimethylan...	12.486	15.3	ng	395106	4	11.433	514980	20.0
Naphthalene, 1-...	12.522	12.0	ng	310044	4	11.433	514980	20.0
unknown12.575	12.575	10.8	ng	276924	4	11.433	514980	20.0
11H-Benzo[b]flu...	13.092	6.2	ng	429258	5	14.086	1387980	20.0
Pyrene, 1-methyl-	13.210	8.3	ng	579356	5	14.086	1387980	20.0
Benzo[e]pyrene	15.257	13.5	ng	156894	6	15.586	232183	20.0
Benzo[j]fluoran...	15.463	42.5	ng	493102	6	15.586	232183	20.0