

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137508.D
 Acq On : 05 Mar 2024 19:06
 Operator : CG\JU
 Sample : P1672-09 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF022924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	575	578	587	rBV	286950	366795	10.58%	0.882%
2	6.486	745	748	757	rBV	261464	383385	11.06%	0.921%
3	6.845	806	809	822	rBV	898585	887360	25.59%	2.133%
4	7.410	902	905	914	rBV	146184	229287	6.61%	0.551%
5	8.122	1023	1026	1029	rBV	1411646	1118679	32.27%	2.688%
6	8.839	1145	1148	1156	rBV	209336	212608	6.13%	0.511%
7	8.933	1161	1164	1173	rVB	242132	224438	6.47%	0.539%
8	9.198	1206	1209	1214	rBV	647107	552469	15.93%	1.328%
9	9.286	1220	1224	1225	rBV2	37367	40543	1.17%	0.097%
10	9.398	1241	1243	1249	rVB	43799	56763	1.64%	0.136%
11	9.469	1251	1255	1259	rBV	128441	181649	5.24%	0.437%
12	9.539	1264	1267	1269	rBV	263510	241603	6.97%	0.581%
13	9.563	1269	1271	1274	rVV	105108	82978	2.39%	0.199%
14	9.657	1284	1287	1292	rVB	125199	143099	4.13%	0.344%
15	9.739	1298	1301	1307	rBV	171827	160426	4.63%	0.386%
16	9.880	1319	1325	1328	rBV	1648716	1358282	39.18%	3.264%
17	9.910	1328	1330	1335	rVV	470332	446697	12.88%	1.074%
18	9.986	1338	1343	1348	rVV	815163	1033950	29.82%	2.485%
19	10.039	1348	1352	1354	rVV2	48137	67443	1.95%	0.162%
20	10.086	1357	1360	1364	rVV	277747	278556	8.03%	0.669%
21	10.127	1364	1367	1375	rVB	126860	153633	4.43%	0.369%
22	10.198	1376	1379	1382	rBV	120443	121361	3.50%	0.292%
23	10.227	1382	1384	1388	rVV	84841	79771	2.30%	0.192%
24	10.292	1391	1395	1396	rVV	70073	84148	2.43%	0.202%
25	10.310	1396	1398	1401	rVV3	47936	56977	1.64%	0.137%
26	10.380	1405	1410	1413	rBV3	42633	72915	2.10%	0.175%
27	10.433	1415	1419	1425	rVV	574606	610169	17.60%	1.466%
28	10.498	1425	1430	1431	rVV2	92112	116816	3.37%	0.281%
29	10.516	1431	1433	1436	rVV3	100560	107546	3.10%	0.258%
30	10.545	1436	1438	1440	rVV	87838	80148	2.31%	0.193%
31	10.592	1443	1446	1449	rVB	109217	114021	3.29%	0.274%
32	10.674	1454	1460	1464	rBV2	279338	347450	10.02%	0.835%
33	10.804	1478	1482	1489	rVB2	124113	172634	4.98%	0.415%
34	10.874	1491	1494	1496	rVV2	42577	37832	1.09%	0.091%
35	10.980	1508	1512	1515	rBV2	158342	199381	5.75%	0.479%
36	11.010	1515	1517	1521	rVV2	141217	137909	3.98%	0.331%

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37	11.069	1524	1527	1530	rVB2	92656	87970	2.54%	0.211%
38	11.133	1536	1538	1540	rVB2	56641	45452	1.31%	0.109%
39	11.186	1544	1547	1550	rVB3	44095	52317	1.51%	0.126%
40	11.227	1550	1554	1556	rBV2	62413	77240	2.23%	0.186%
41	11.274	1559	1562	1570	rVB	252919	293794	8.47%	0.706%
42	11.374	1576	1579	1581	rBV	1261484	1114678	32.15%	2.679%
43	11.398	1581	1583	1589	rVV	3124231	2858007	82.43%	6.869%
44	11.451	1589	1592	1596	rVV	934195	815233	23.51%	1.959%
45	11.492	1596	1599	1602	rVV2	121740	169564	4.89%	0.408%
46	11.533	1604	1606	1612	rVV6	52376	97446	2.81%	0.234%
47	11.616	1616	1620	1628	rVV	159428	256890	7.41%	0.617%
48	11.674	1628	1630	1633	rVV	122482	117313	3.38%	0.282%
49	11.710	1633	1636	1642	rVB2	152272	167277	4.82%	0.402%
50	11.792	1647	1650	1655	rVB	104803	123660	3.57%	0.297%
51	11.839	1655	1658	1661	rBV4	32570	50146	1.45%	0.121%
52	11.880	1662	1665	1668	rVV	583878	567495	16.37%	1.364%
53	11.910	1668	1670	1674	rVV	697829	580152	16.73%	1.394%
54	11.957	1675	1678	1681	rVV	194502	192223	5.54%	0.462%
55	11.992	1681	1684	1686	rVV	985216	938875	27.08%	2.256%
56	12.016	1686	1688	1694	rVB	398478	360336	10.39%	0.866%
57	12.068	1695	1697	1699	rBV3	37359	37737	1.09%	0.091%
58	12.116	1703	1705	1708	rVB	81548	68739	1.98%	0.165%
59	12.180	1713	1716	1719	rBV	294045	277091	7.99%	0.666%
60	12.310	1736	1738	1739	rBV	71217	54991	1.59%	0.132%
61	12.327	1739	1741	1744	rVB	99449	88162	2.54%	0.212%
62	12.363	1744	1747	1749	rBV	175195	169345	4.88%	0.407%
63	12.386	1749	1751	1754	rVB	131891	107324	3.10%	0.258%
64	12.433	1756	1759	1762	rBV	414676	425861	12.28%	1.023%
65	12.468	1762	1765	1768	rVV3	191592	250730	7.23%	0.603%
66	12.521	1771	1774	1778	rBV2	198581	263188	7.59%	0.633%
67	12.557	1778	1780	1783	rVB	69170	55266	1.59%	0.133%
68	12.598	1783	1787	1792	rBV	3227751	2903293	83.74%	6.977%
69	12.645	1793	1795	1797	rBV	74398	80618	2.33%	0.194%
70	12.751	1810	1813	1816	rBV2	148197	139320	4.02%	0.335%
71	12.827	1820	1826	1829	rBV	3260649	3467154	100.00%	8.332%
72	12.886	1833	1836	1840	rVB2	165918	194527	5.61%	0.467%
73	12.945	1843	1846	1848	rBV2	114843	138766	4.00%	0.333%
74	12.974	1848	1851	1858	rVB	556637	652655	18.82%	1.569%
75	13.051	1859	1864	1867	rBV2	243677	387538	11.18%	0.931%
76	13.104	1871	1873	1875	rVV3	75951	73014	2.11%	0.175%

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77	13.133	1875	1878	1879	rVV2	216393	209414	6.04%	0.503%
78	13.157	1879	1882	1886	rVB	620380	677443	19.54%	1.628%
79	13.227	1891	1894	1897	rVB	582758	481312	13.88%	1.157%
80	13.263	1897	1900	1903	rBV	464351	449195	12.96%	1.080%
81	13.357	1913	1916	1919	rVV	277786	228790	6.60%	0.550%
82	13.386	1919	1921	1925	rVV	309163	275482	7.95%	0.662%
83	13.421	1925	1927	1932	rVB4	111785	97724	2.82%	0.235%
84	13.568	1949	1952	1953	rBV2	110204	94814	2.73%	0.228%
85	13.651	1963	1966	1968	rBV2	108481	143163	4.13%	0.344%
86	13.786	1984	1989	1991	rBV2	284644	374482	10.80%	0.900%
87	13.815	1991	1994	1995	rVV	200448	164493	4.74%	0.395%
88	13.833	1995	1997	1999	rVV	101034	81024	2.34%	0.195%
89	14.033	2027	2031	2034	rBV2	1788081	2489948	71.82%	5.984%
90	14.062	2034	2036	2044	rVB	1311571	1277217	36.84%	3.069%
91	14.139	2047	2049	2053	rVB	286091	265168	7.65%	0.637%
92	14.392	2090	2092	2094	rBV2	136476	118545	3.42%	0.285%
93	14.427	2096	2098	2102	rVV2	526074	647790	18.68%	1.557%
94	14.462	2102	2104	2107	rVB	161706	145246	4.19%	0.349%
95	14.557	2117	2120	2121	rBV2	184959	177990	5.13%	0.428%
96	15.115	2210	2215	2218	rBV	762130	1312216	37.85%	3.154%
97	15.221	2231	2233	2238	rVB2	218049	237665	6.85%	0.571%
98	15.433	2265	2269	2275	rVB	454599	679762	19.61%	1.634%
99	15.498	2276	2280	2286	rBV	734140	1015950	29.30%	2.442%
100	15.562	2288	2291	2295	rBV	491987	604164	17.43%	1.452%

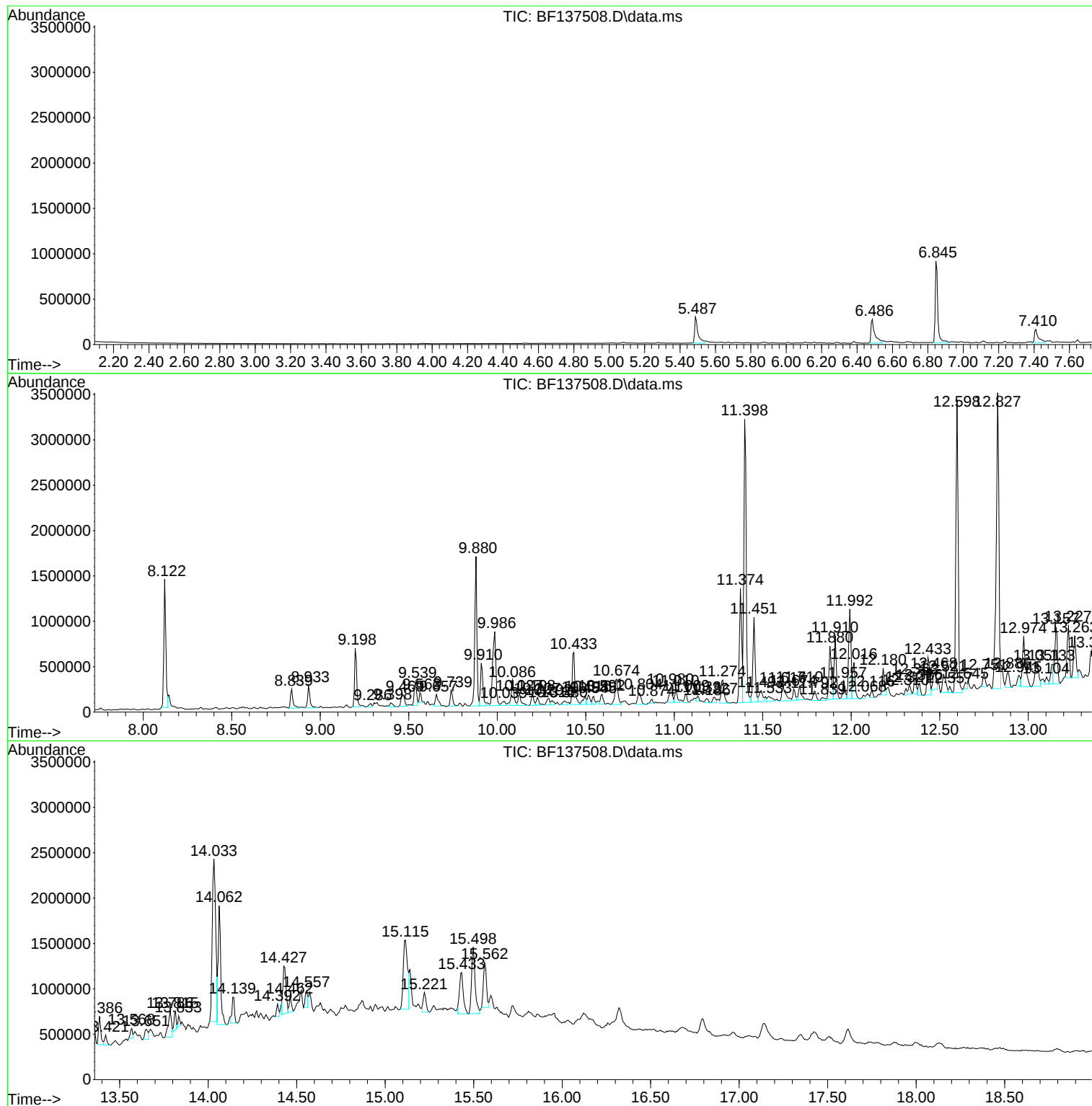
Sum of corrected areas: 41610105

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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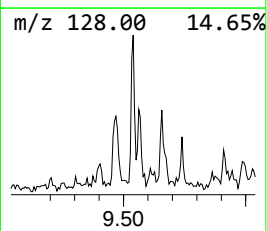
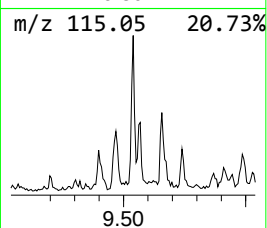
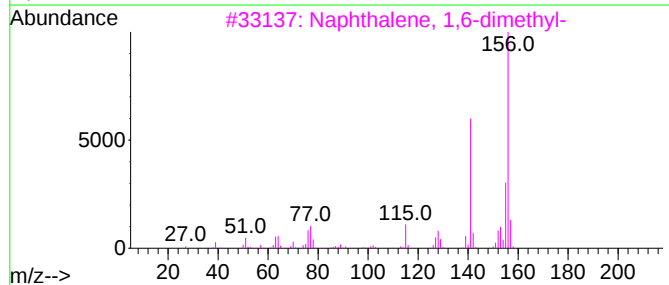
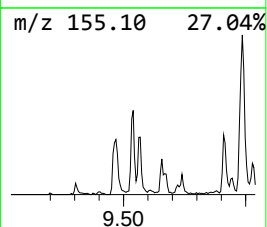
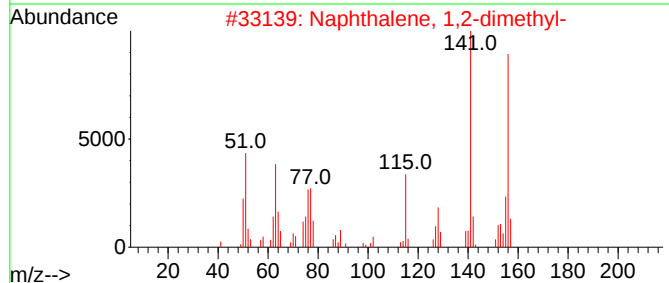
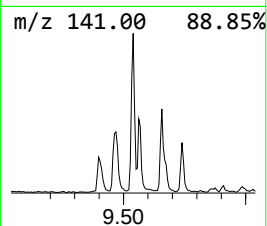
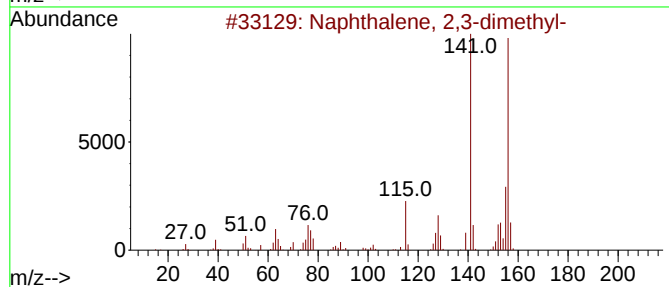
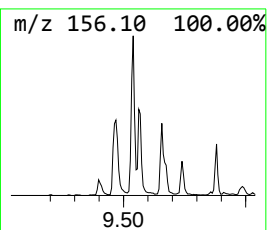
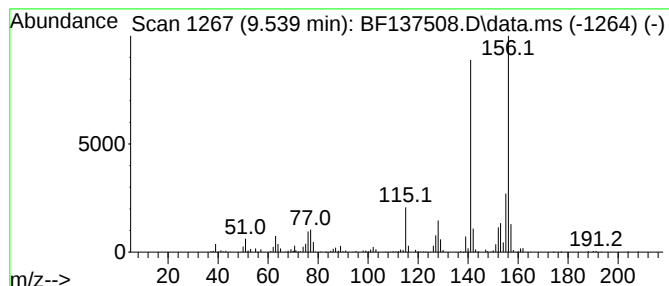
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	3.56 ng	241603	Acenaphthene-d10	9.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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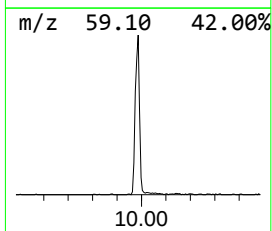
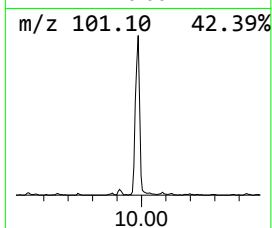
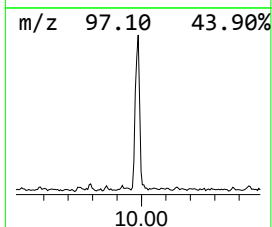
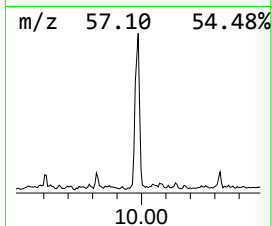
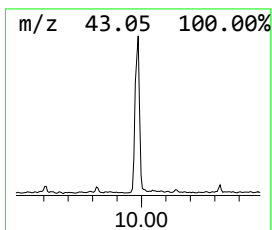
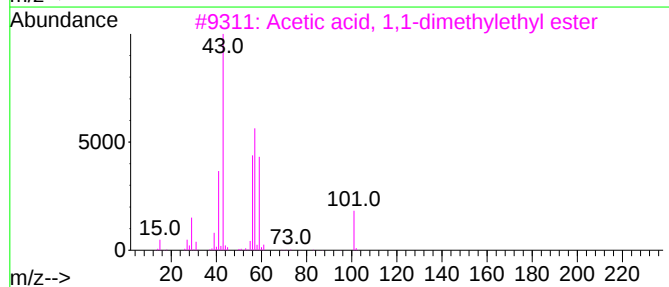
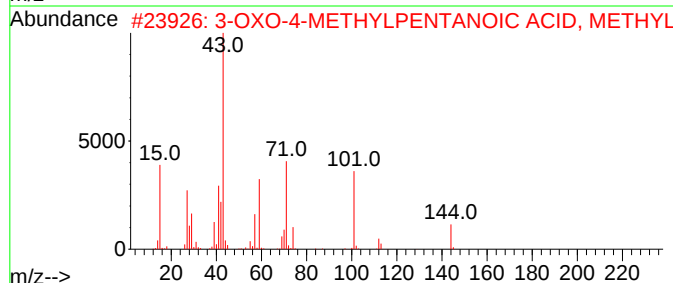
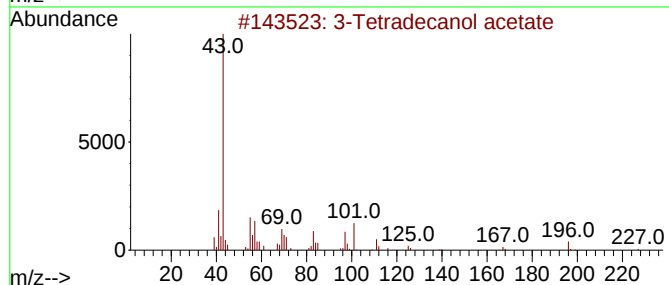
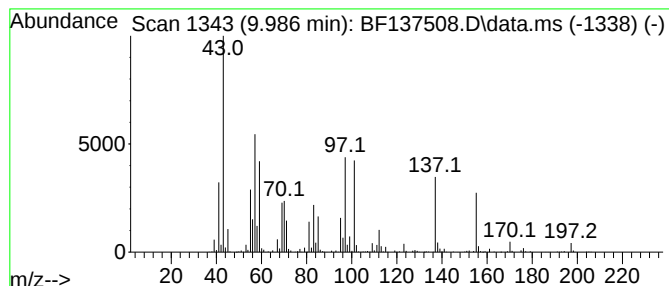
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Peak Number 2 unknown9.986 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	15.22 ng	1033950	Acenaphthene-d10	9.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tetradecanol acetate	256	C16H32O2	051354-23-5	25
2			3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	16
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	12
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	10
5			2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1010191-06-9	10



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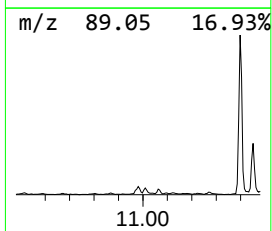
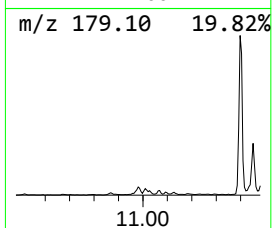
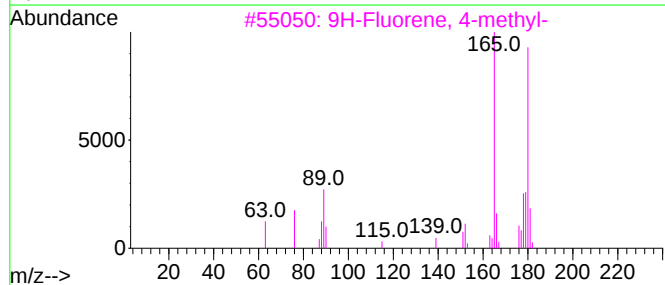
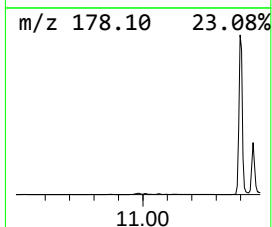
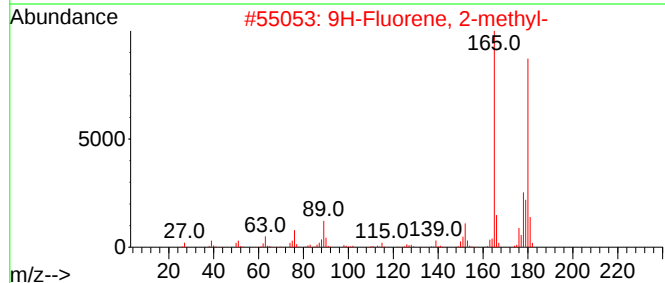
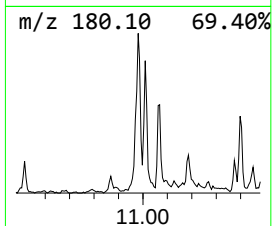
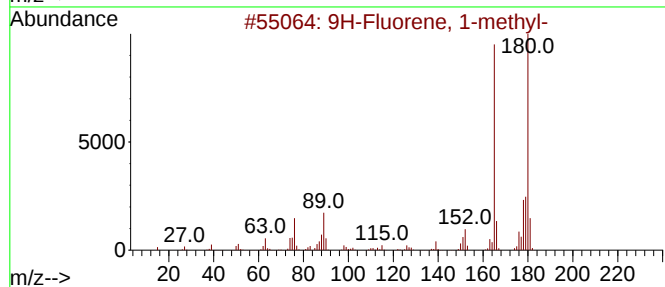
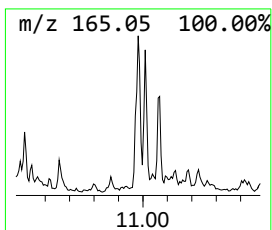
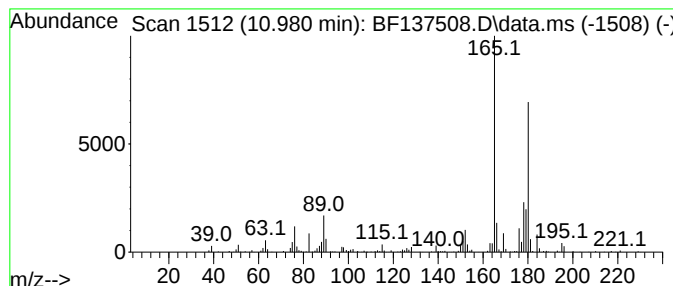
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	3.58 ng	199381	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	90
3	9H-Fluorene, 4-methyl-			180	C14H12	001556-99-6	83
4	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	81
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...			208	C14H12N2	059341-20-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

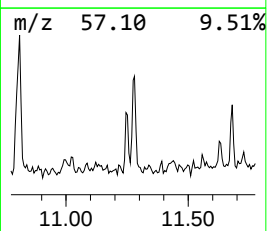
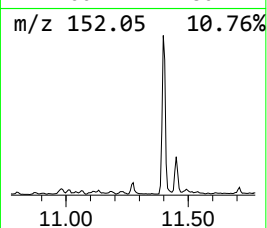
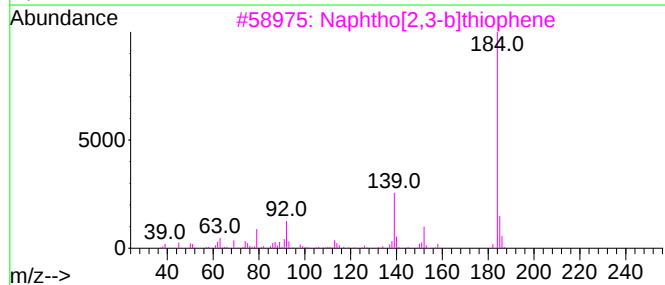
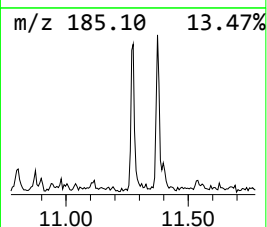
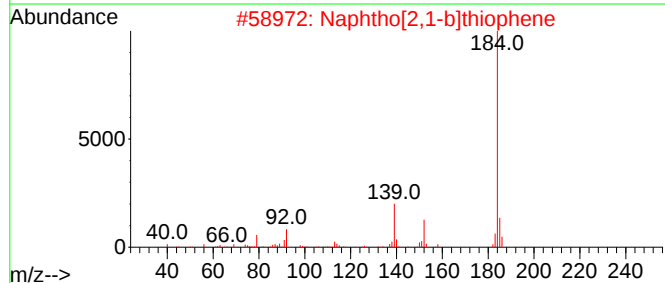
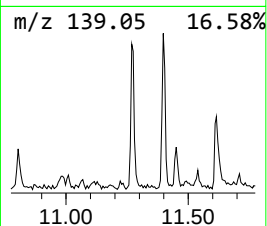
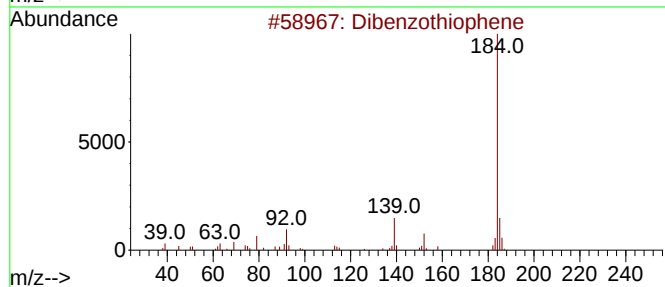
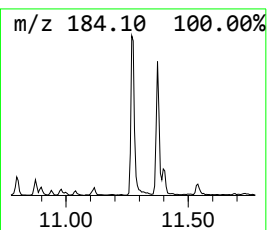
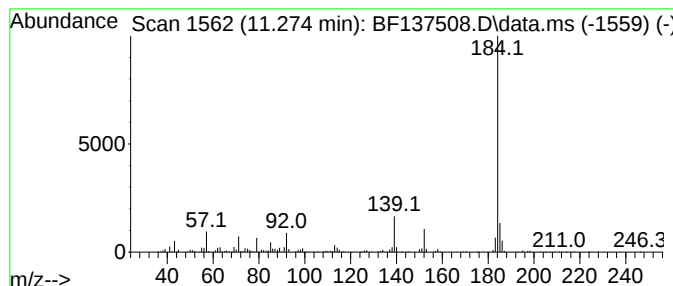
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	5.27 ng	293794	Phenanthrene-d10	11.374

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	91
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
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Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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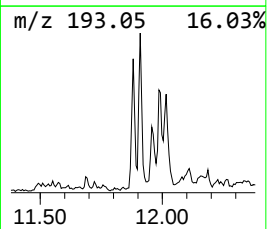
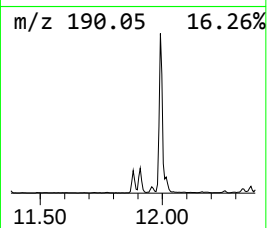
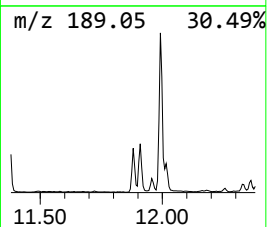
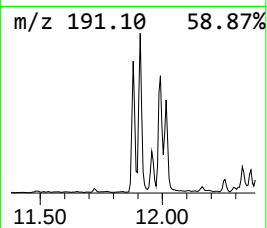
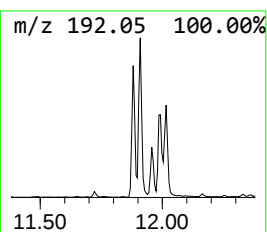
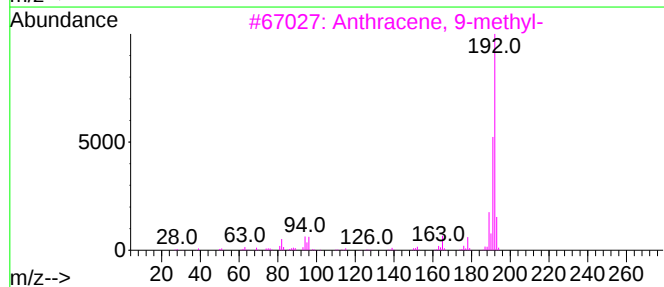
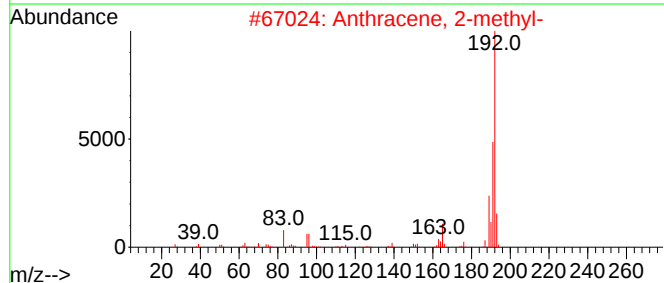
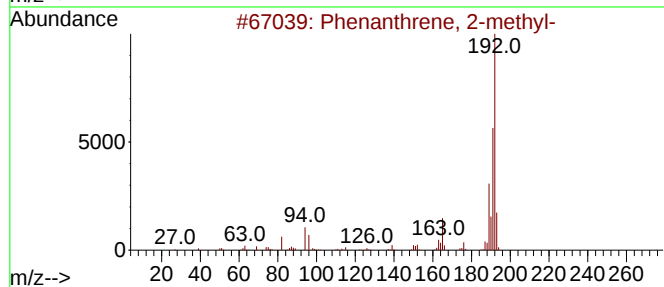
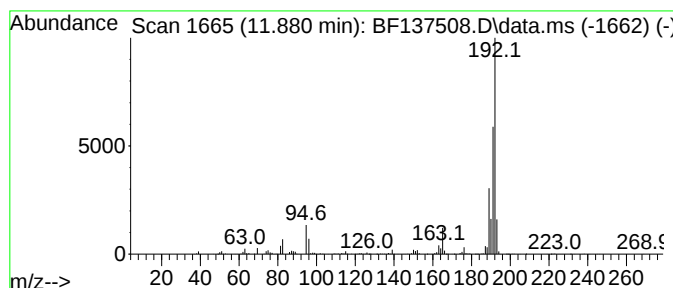
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	10.18 ng	567495	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

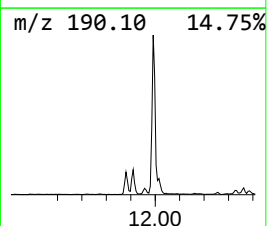
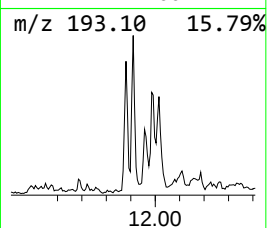
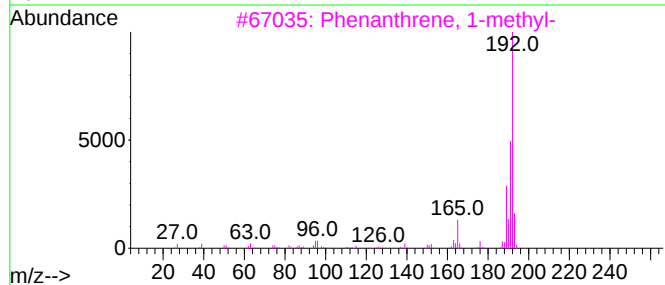
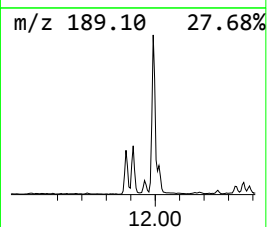
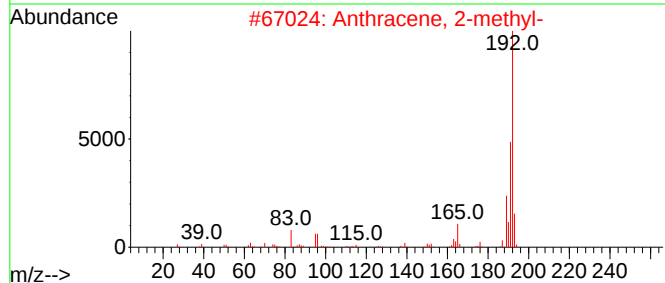
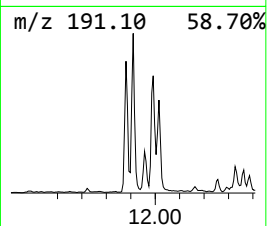
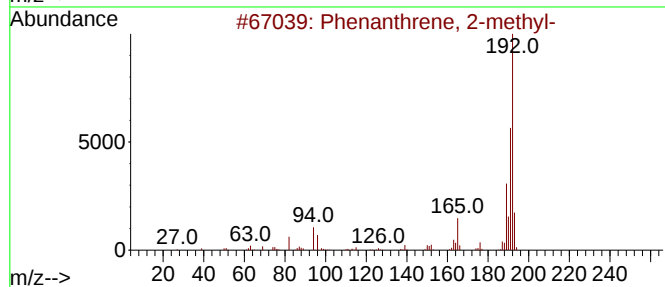
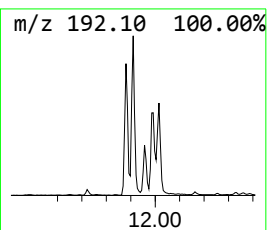
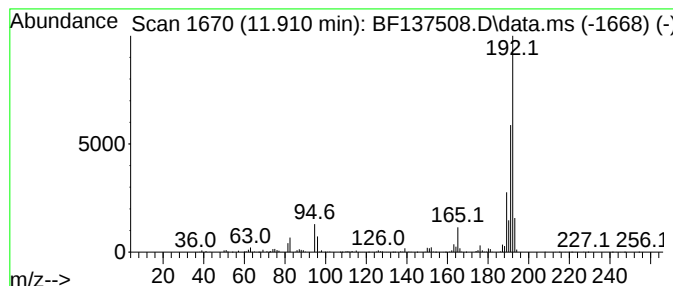
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	10.41 ng	580152	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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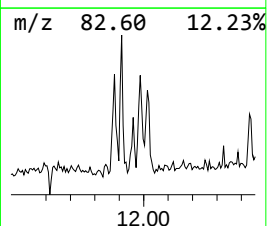
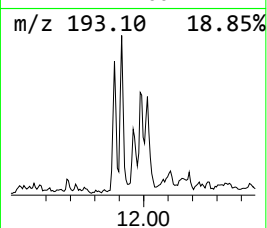
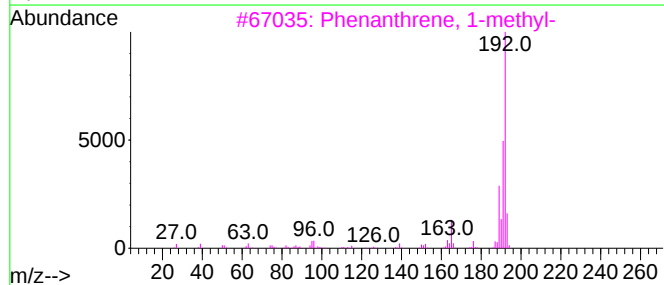
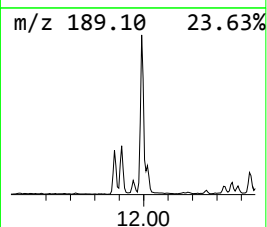
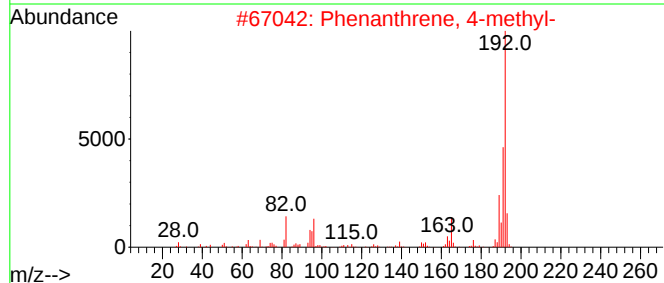
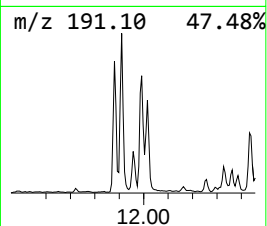
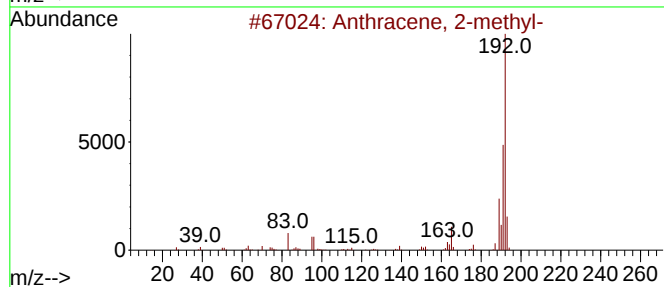
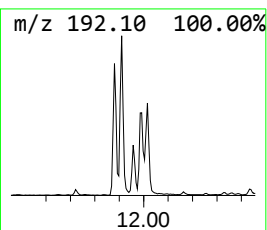
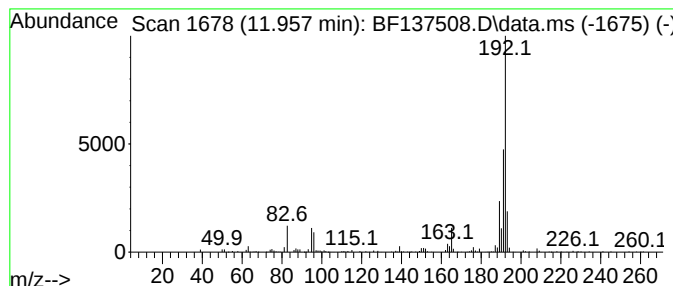
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.45 ng	192223	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
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Sample : P1672-09 5X
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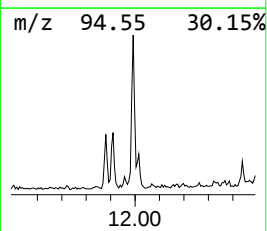
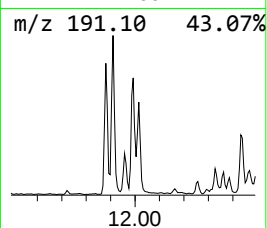
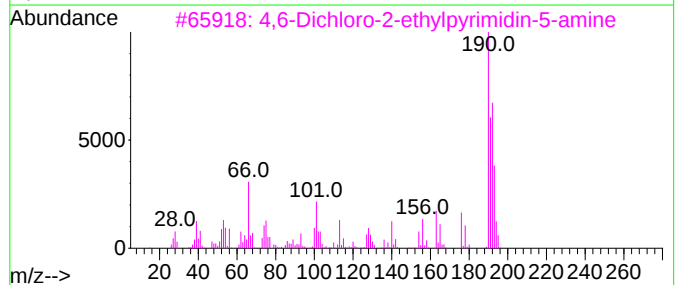
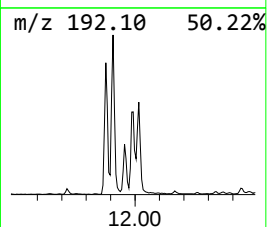
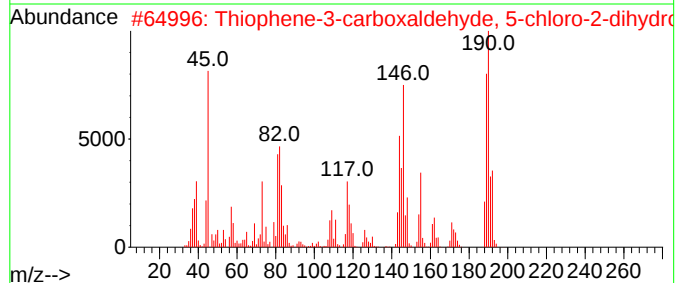
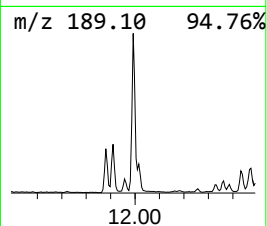
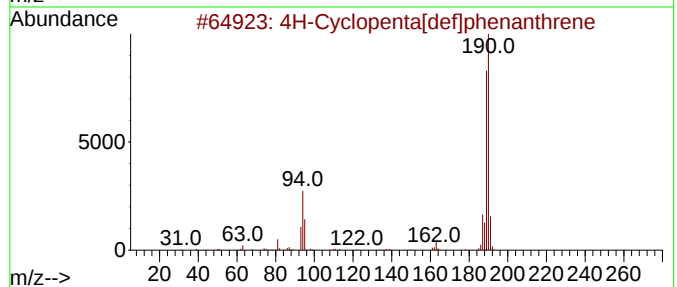
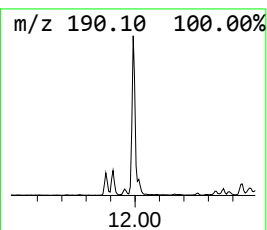
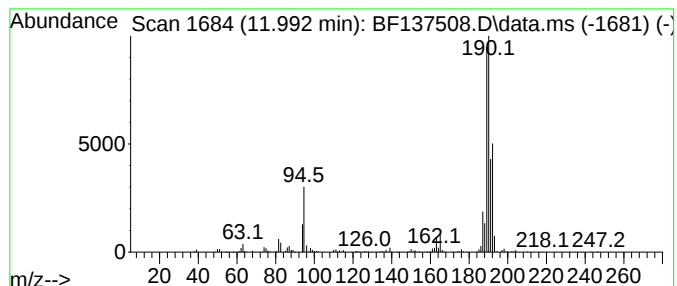
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.992	16.85 ng	938875	Phenanthrene-d10			11.374
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...		191	C6H7Cl2N3	006237-96-3	38
4	Methyl diselenide		190	C2H6Se2	007101-31-7	38
5	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

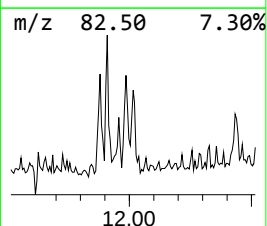
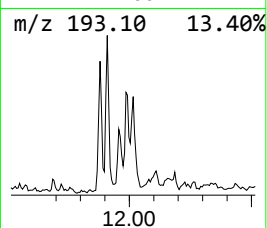
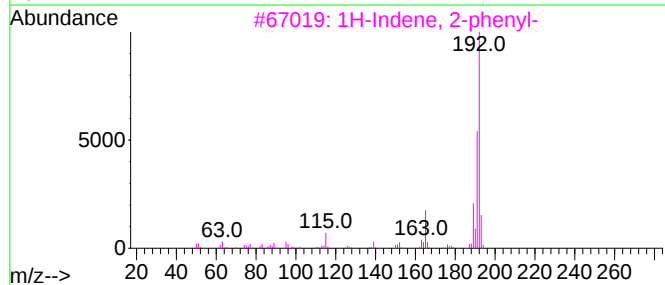
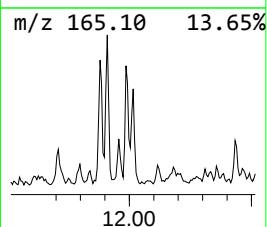
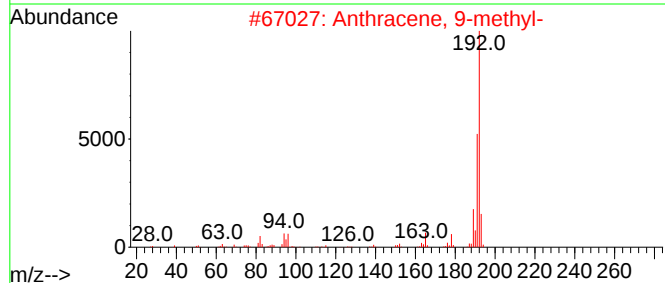
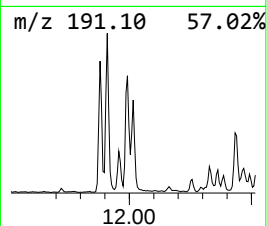
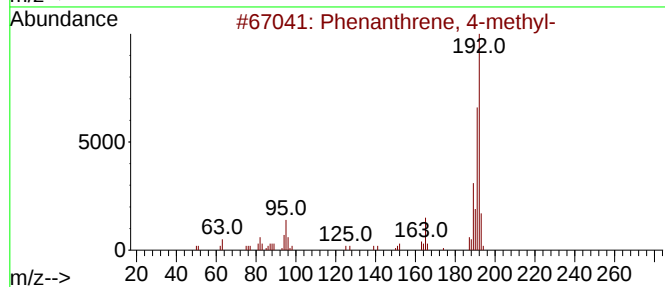
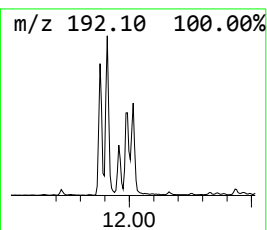
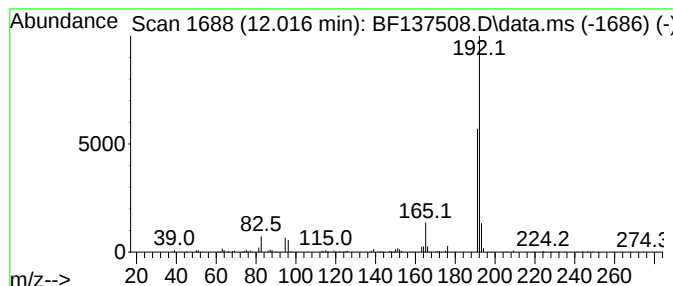
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	6.47 ng	360336	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
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Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

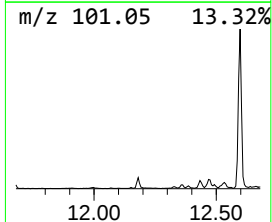
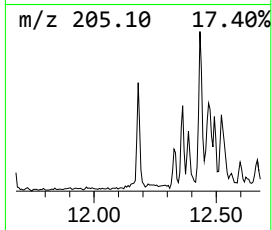
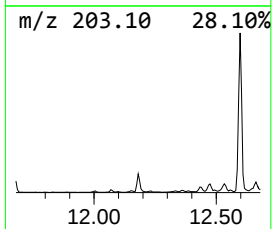
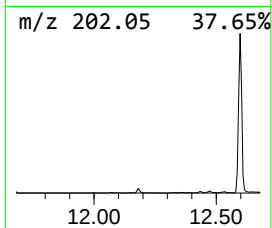
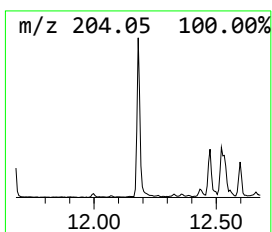
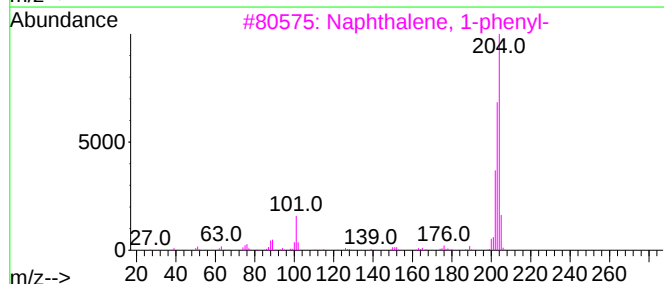
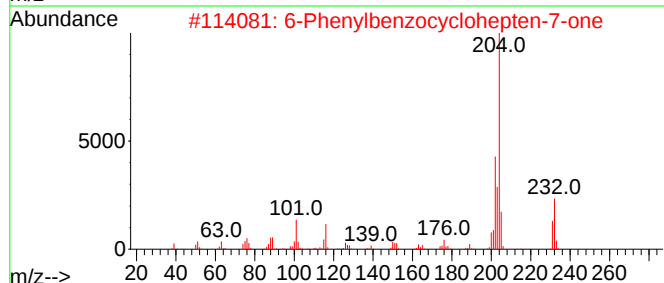
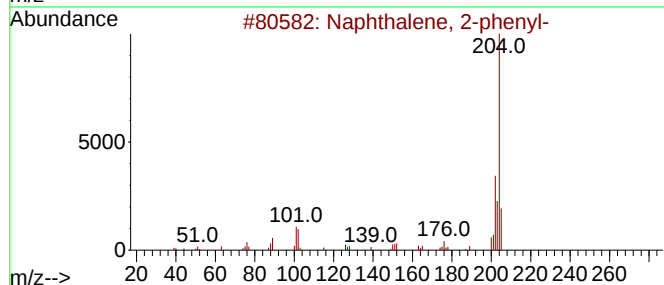
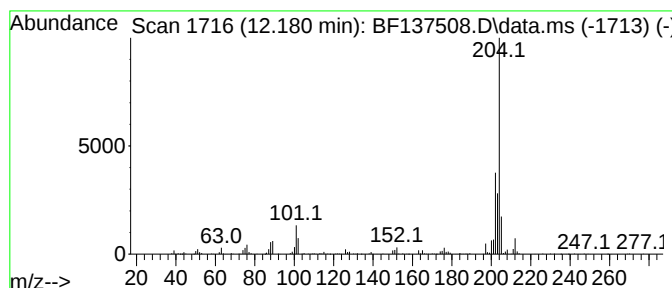
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.180	4.97 ng	277091	Phenanthrene-d10	11.374	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

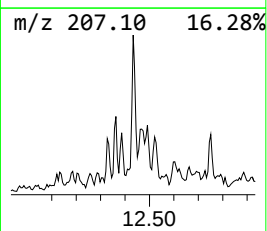
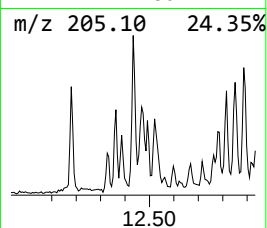
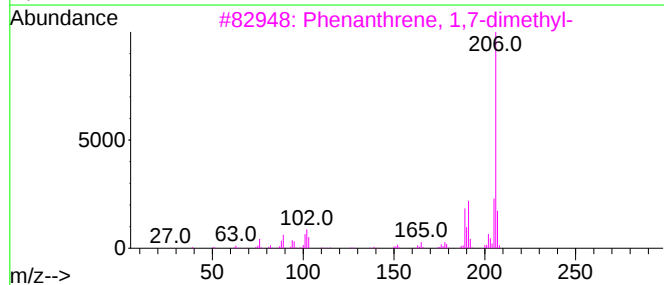
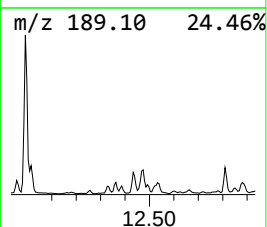
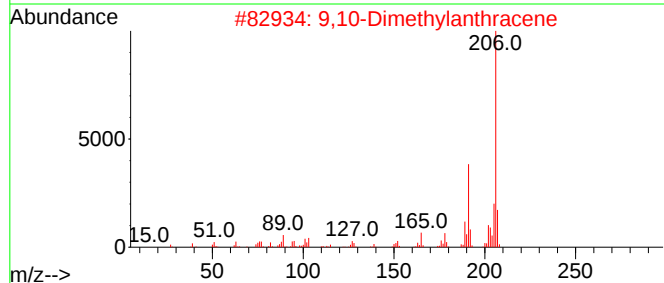
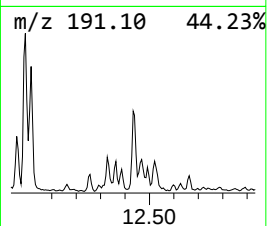
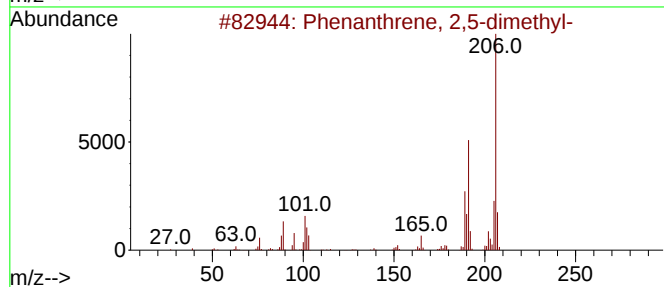
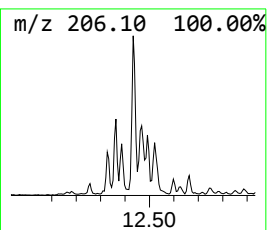
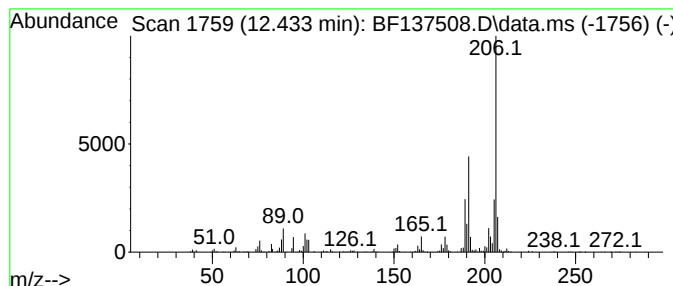
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	7.64 ng	425861	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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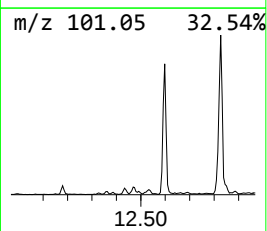
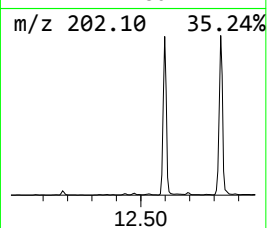
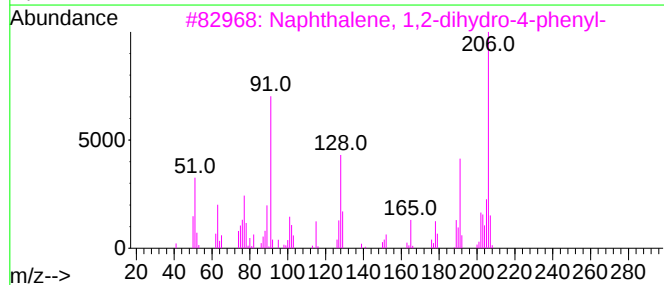
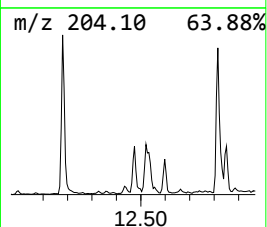
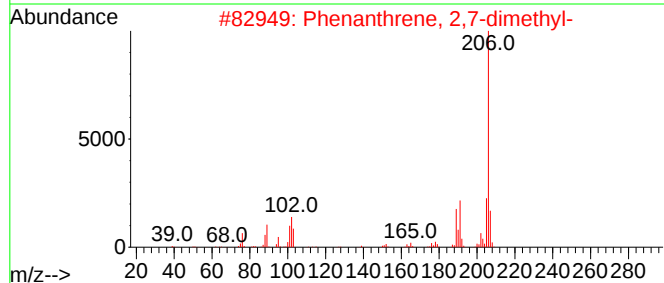
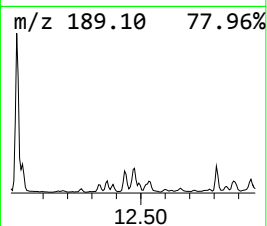
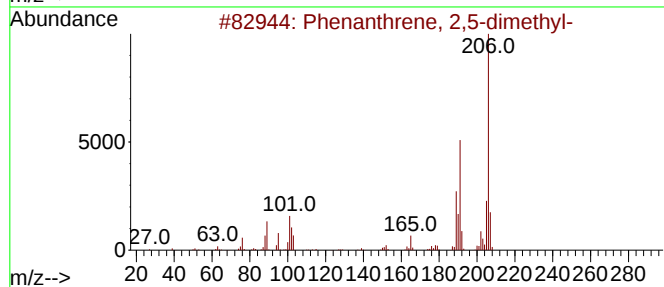
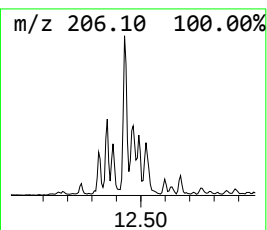
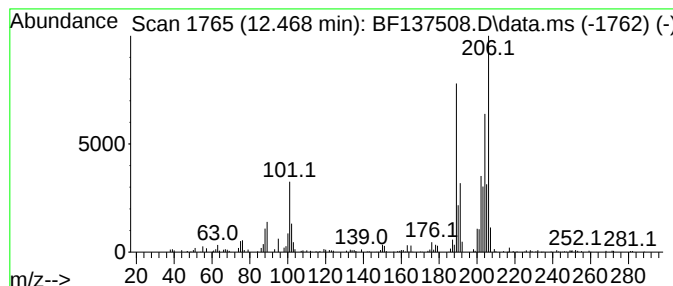
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	4.50 ng	250730	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30
5			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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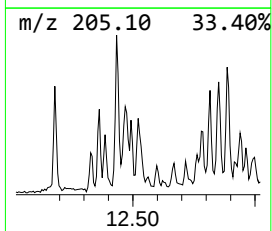
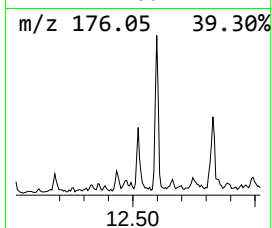
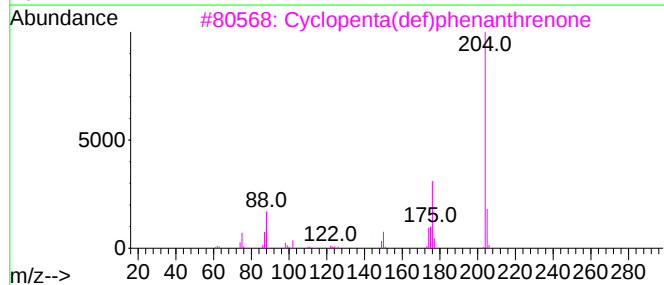
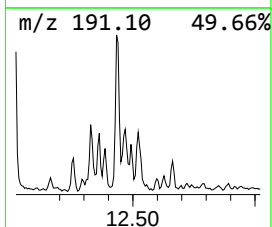
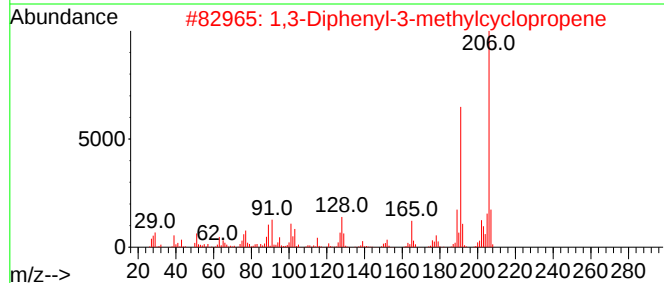
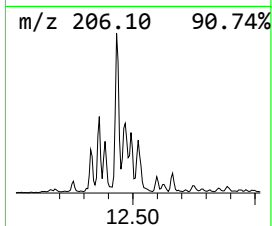
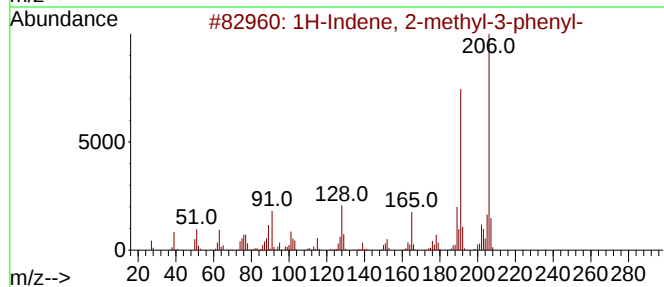
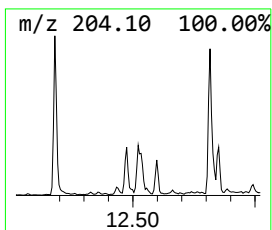
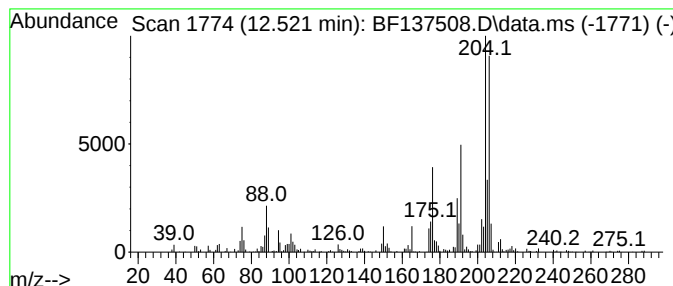
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	4.72 ng	263188	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	95
2			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
3			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
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Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

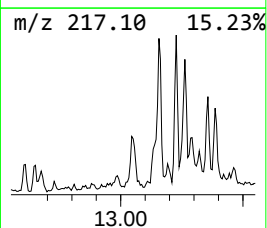
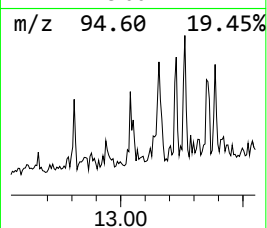
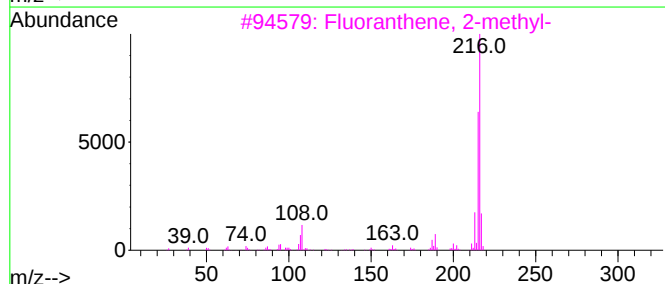
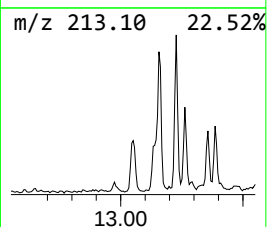
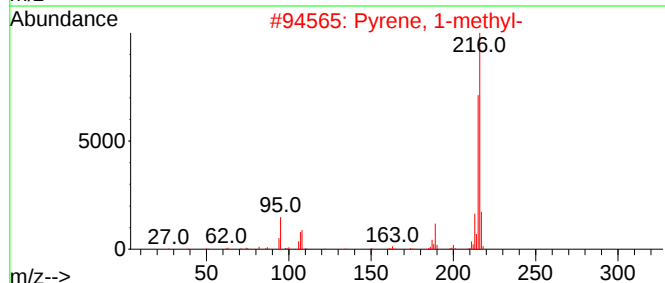
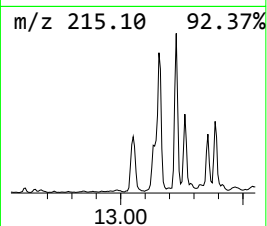
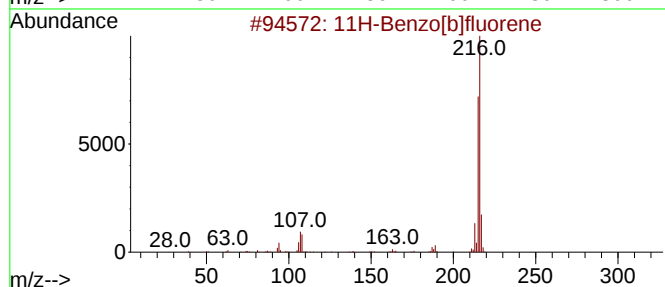
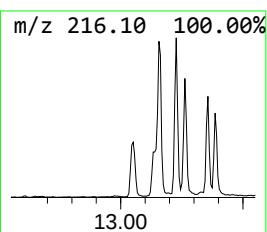
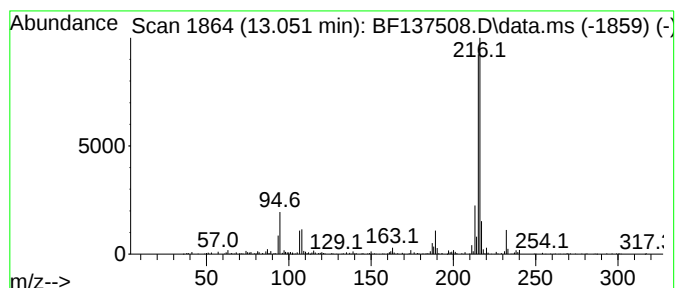
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.051	3.11 ng	387538	Chrysene-d12	14.039	
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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
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Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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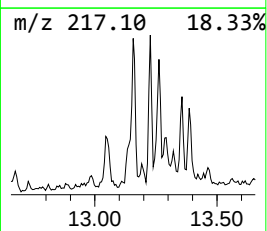
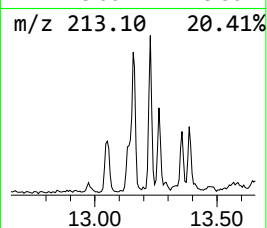
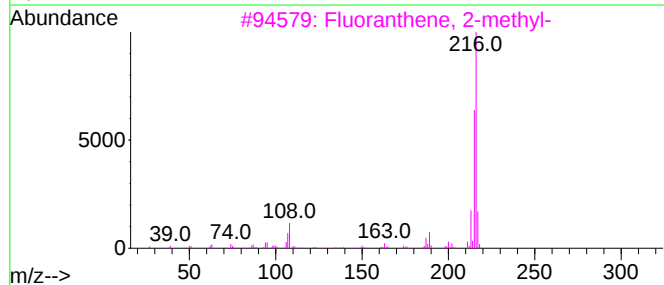
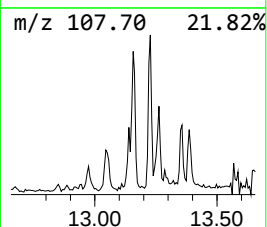
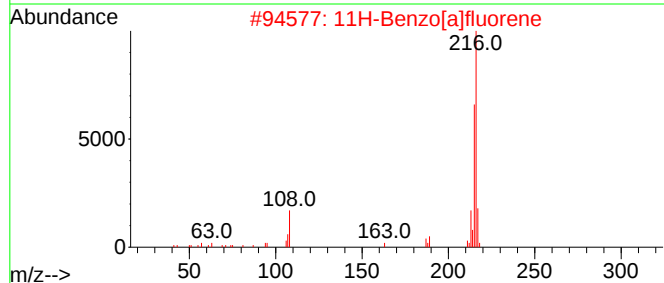
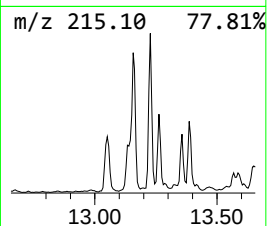
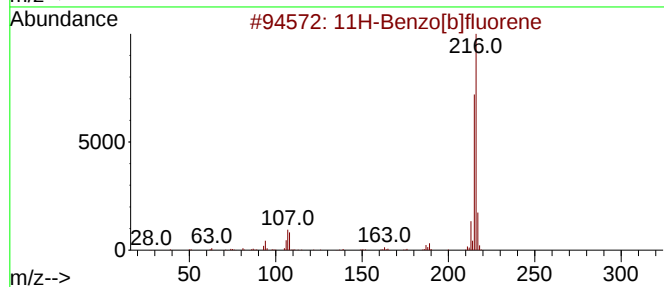
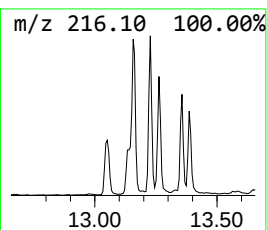
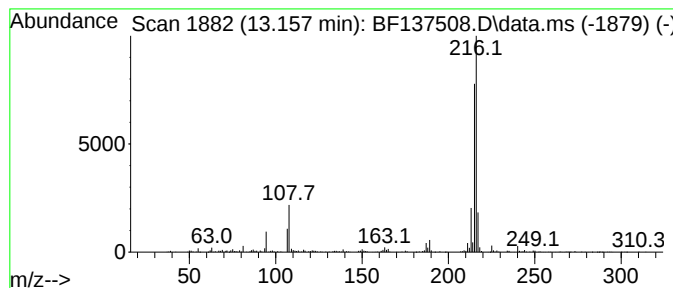
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	5.44 ng	677443	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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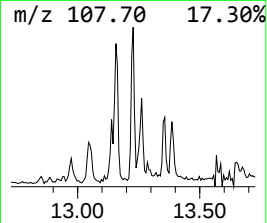
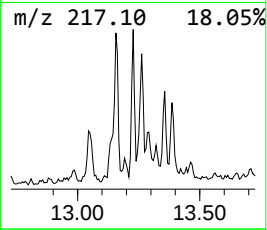
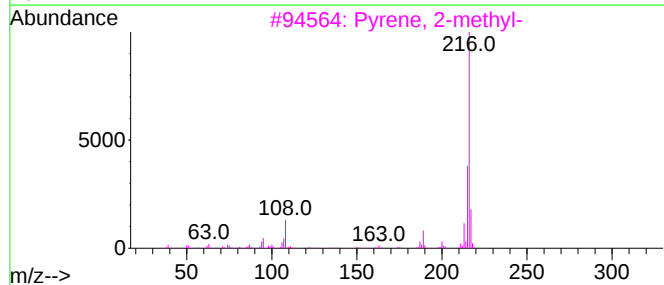
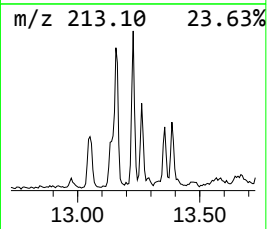
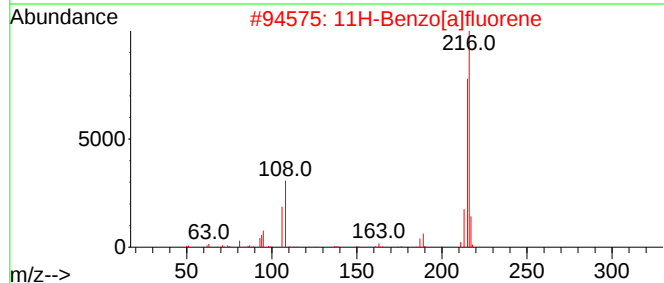
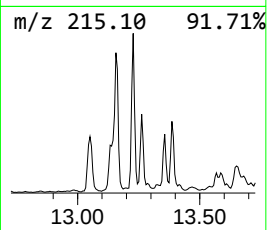
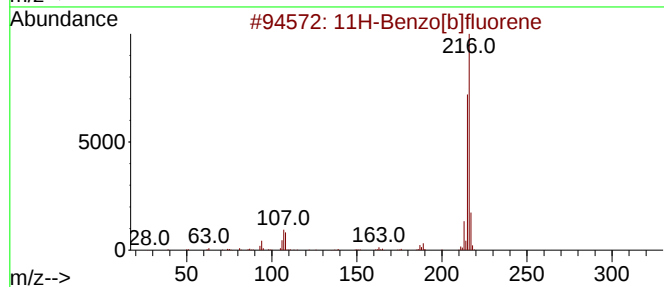
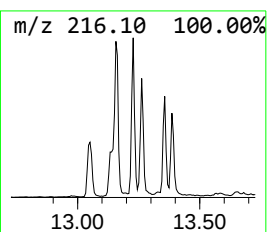
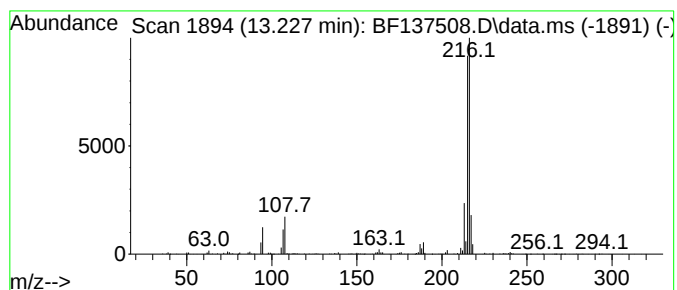
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	3.87 ng	481312	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5			trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

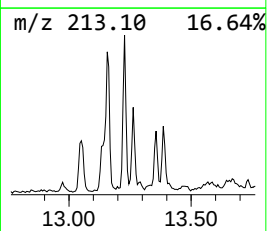
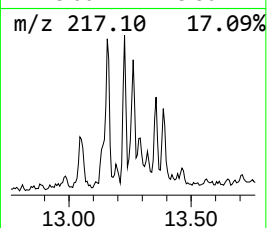
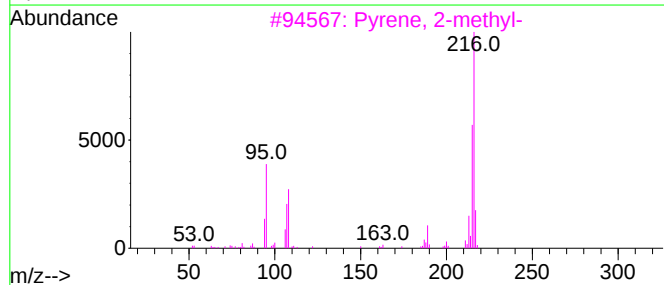
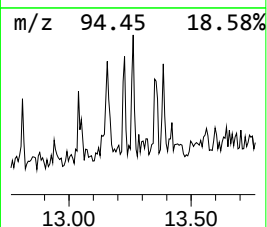
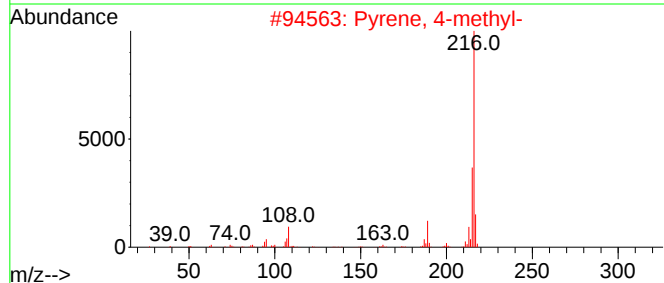
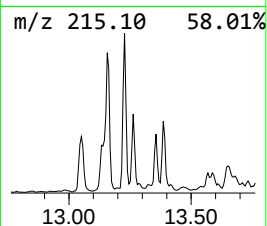
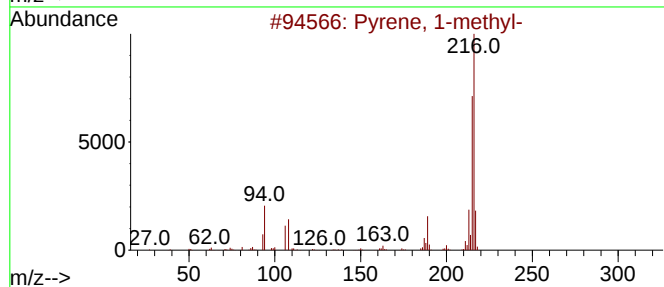
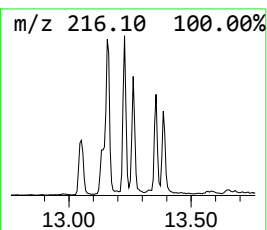
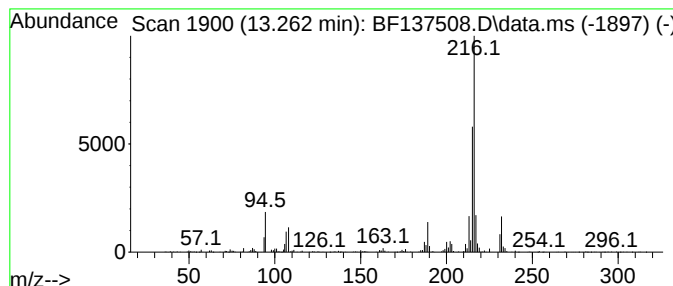
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	3.61 ng	449195	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

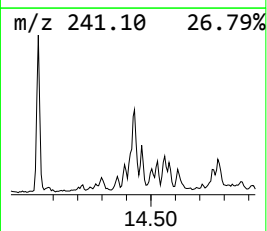
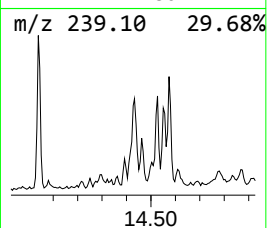
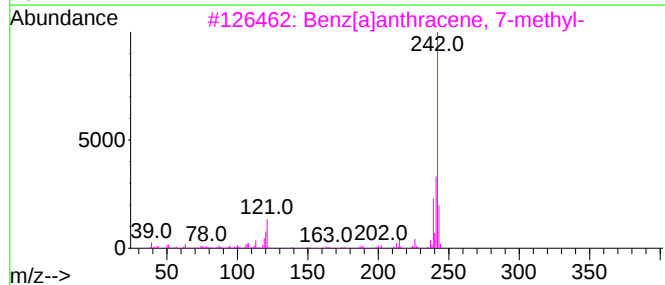
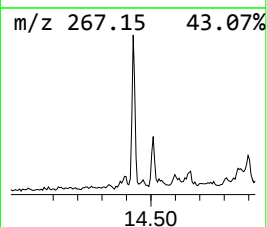
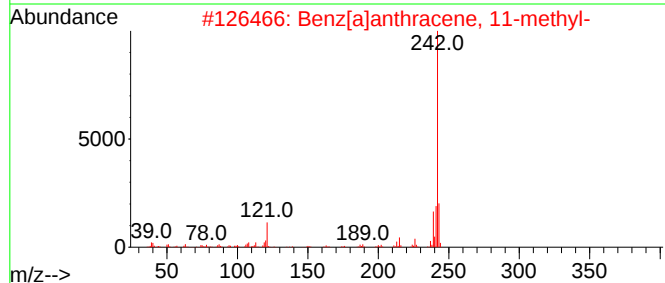
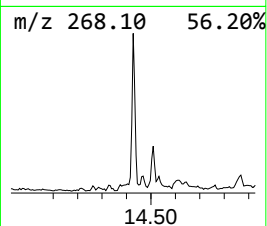
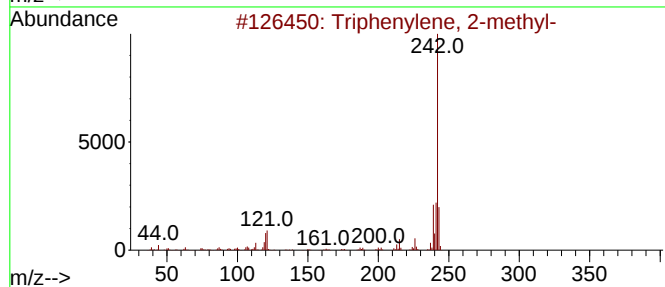
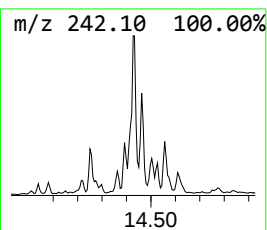
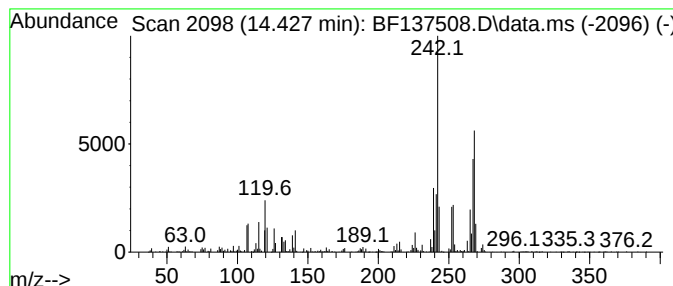
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ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.427	5.20 ng	647790	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	86
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	83
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

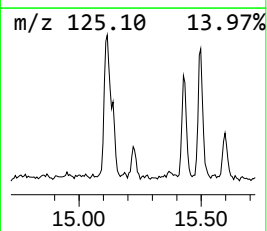
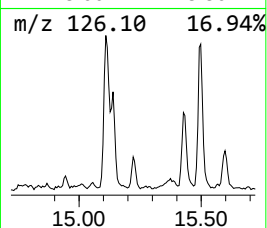
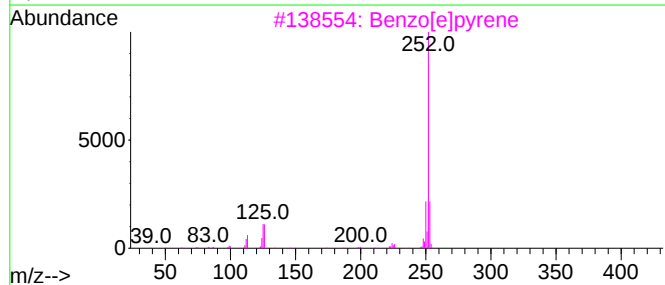
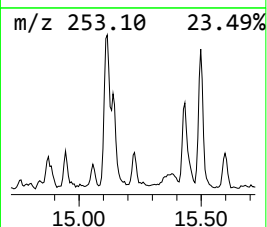
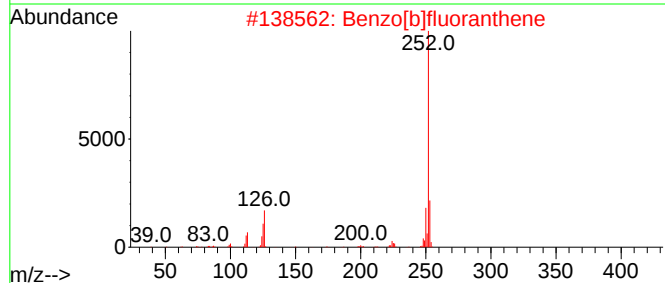
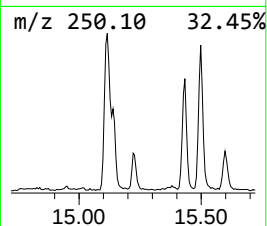
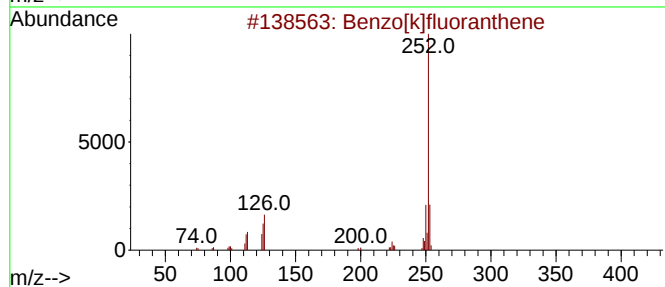
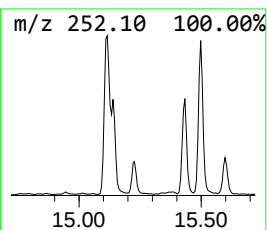
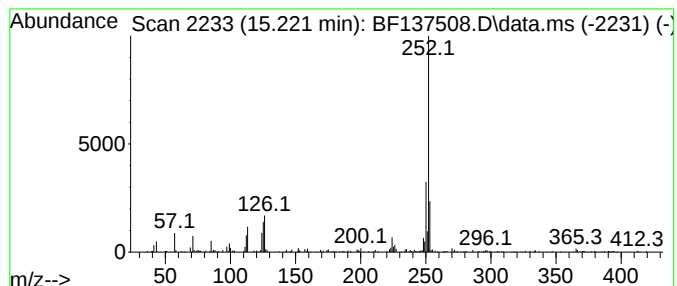
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	7.87 ng	237665	Perylene-d12	15.562

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3		Benzo[e]pyrene	252	C20H12	000192-97-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

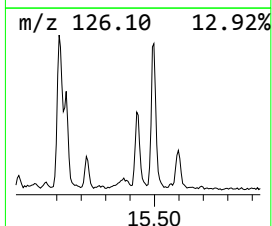
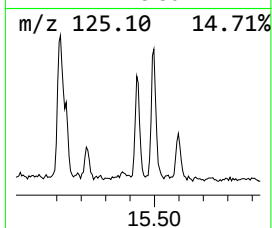
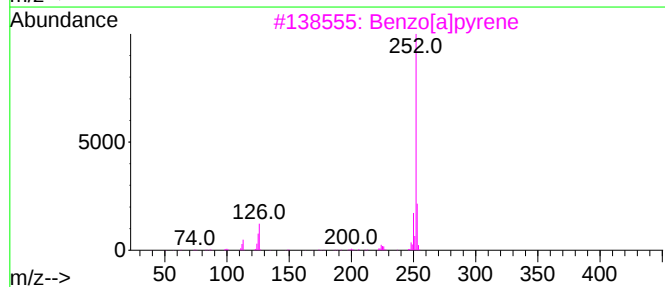
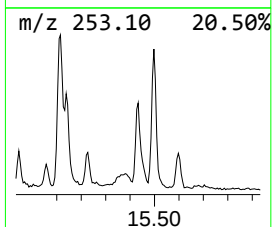
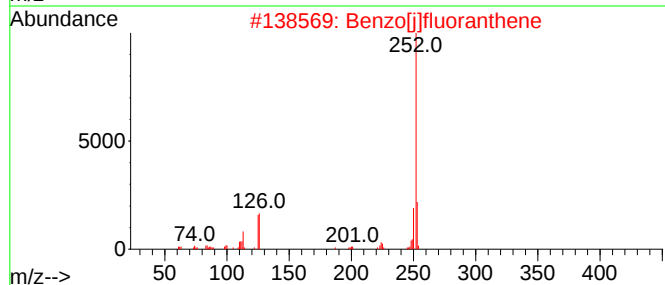
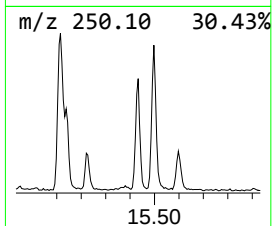
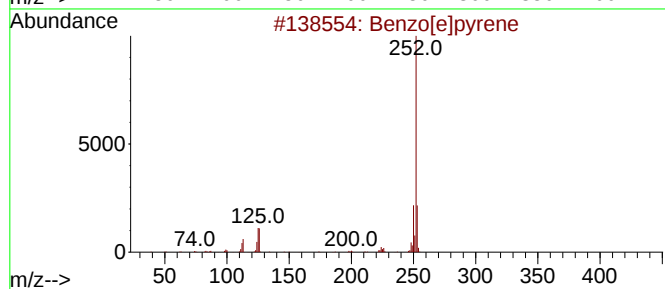
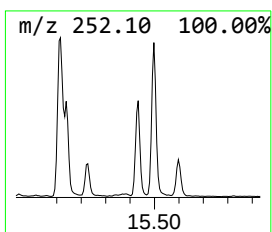
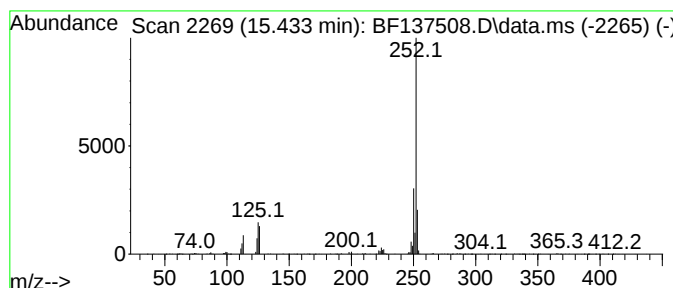
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	22.50 ng	679762	Perylene-d12	15.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	91
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
Data File : BF137508.D
Acq On : 05 Mar 2024 19:06
Operator : CG\JU
Sample : P1672-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	9.539	3.6	ng	241603	3	9.880	1358280	20.0
unknown9.986	9.986	15.2	ng	1033950	3	9.880	1358280	20.0
9H-Fluorene, 1-...	10.980	3.6	ng	199381	4	11.374	1114680	20.0
Dibenzothiophene	11.274	5.3	ng	293794	4	11.374	1114680	20.0
Phenanthrene, 2...	11.880	10.2	ng	567495	4	11.374	1114680	20.0
Anthracene, 2-m...	11.910	10.4	ng	580152	4	11.374	1114680	20.0
Phenanthrene, 4...	11.957	3.5	ng	192223	4	11.374	1114680	20.0
4H-Cyclopenta[d...	11.992	16.9	ng	938875	4	11.374	1114680	20.0
Anthracene, 9-m...	12.015	6.5	ng	360336	4	11.374	1114680	20.0
Naphthalene, 2-...	12.180	5.0	ng	277091	4	11.374	1114680	20.0
Phenanthrene, 2...	12.433	7.6	ng	425861	4	11.374	1114680	20.0
Phenanthrene, 2...	12.468	4.5	ng	250730	4	11.374	1114680	20.0
1H-Indene, 2-me...	12.521	4.7	ng	263188	4	11.374	1114680	20.0
11H-Benzo[b]flu...	13.051	3.1	ng	387538	5	14.039	2489950	20.0
11H-Benzo[a]flu...	13.157	5.4	ng	677443	5	14.039	2489950	20.0
Pyrene, 2-methyl-	13.227	3.9	ng	481312	5	14.039	2489950	20.0
Pyrene, 1-methyl-	13.262	3.6	ng	449195	5	14.039	2489950	20.0
Triphenylene, 2...	14.427	5.2	ng	647790	5	14.039	2489950	20.0
Benzo[e]pyrene	15.221	7.9	ng	237665	6	15.562	604164	20.0
Benzo[j]fluoran...	15.433	22.5	ng	679762	6	15.562	604164	20.0