

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137605.D
 Acq On : 14 Mar 2024 22:21
 Operator : CG\JU
 Sample : P1746-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

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: BF137605.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	548	552	576	rBV	3119341	3126815	95.23%	7.697%
2	6.363	723	727	740	rBV	3227973	3121663	95.07%	7.684%
3	6.728	785	789	798	rBV	767878	768616	23.41%	1.892%
4	7.286	881	884	898	rBV	1930723	1969450	59.98%	4.848%
5	8.004	1003	1006	1025	rBV	1070501	1009069	30.73%	2.484%
6	9.080	1185	1189	1201	rBV	3751995	3283506	100.00%	8.083%
7	9.204	1206	1210	1213	rBV	1326440	1135446	34.58%	2.795%
8	9.616	1277	1280	1287	rBV	232838	215961	6.58%	0.532%
9	9.757	1300	1304	1308	rBV	1265312	1029100	31.34%	2.533%
10	10.545	1434	1438	1450	rBV	1750305	1623037	49.43%	3.995%
11	10.669	1456	1459	1464	rVB4	29411	36998	1.13%	0.091%
12	10.851	1482	1490	1493	rBV4	22933	37990	1.16%	0.094%
13	11.139	1537	1539	1545	rVB	35479	39693	1.21%	0.098%
14	11.239	1552	1556	1558	rBV	1109013	908218	27.66%	2.236%
15	11.263	1558	1560	1566	rVV	690266	563600	17.16%	1.387%
16	11.316	1566	1569	1572	rVB	114747	100447	3.06%	0.247%
17	11.480	1591	1597	1604	rBV3	41912	97334	2.96%	0.240%
18	11.569	1610	1612	1617	rVB4	28146	37072	1.13%	0.091%
19	11.639	1621	1624	1631	rVB2	65587	79397	2.42%	0.195%
20	11.739	1638	1641	1644	rBV	157621	152925	4.66%	0.376%
21	11.769	1644	1646	1651	rVV2	252356	326615	9.95%	0.804%
22	11.816	1651	1654	1657	rVV2	76495	106105	3.23%	0.261%
23	11.851	1657	1660	1662	rVV	248020	256964	7.83%	0.633%
24	11.874	1662	1664	1670	rVB	140366	133495	4.07%	0.329%
25	12.039	1688	1692	1694	rBV	96955	97093	2.96%	0.239%
26	12.063	1694	1696	1702	rVB	95580	95088	2.90%	0.234%
27	12.216	1720	1722	1724	rVB	54287	37487	1.14%	0.092%
28	12.286	1731	1734	1737	rBV	150197	159825	4.87%	0.393%
29	12.327	1737	1741	1743	rVV2	93368	130860	3.99%	0.322%
30	12.345	1743	1744	1746	rVV	77833	46679	1.42%	0.115%
31	12.374	1746	1749	1753	rVV	131506	137171	4.18%	0.338%
32	12.451	1758	1762	1767	rBV	1845312	1589080	48.40%	3.912%
33	12.498	1767	1770	1772	rBV2	44371	46053	1.40%	0.113%
34	12.545	1775	1778	1782	rBV	176251	149963	4.57%	0.369%
35	12.680	1794	1801	1804	rBV	1556608	1664796	50.70%	4.098%
36	12.727	1807	1809	1813	rVB2	69049	84720	2.58%	0.209%

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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

37	12.798	1818	1821	1822	rBV2	89674	78926	2.40%	0.194%
38	12.827	1822	1826	1833	rVB	3108716	2862298	87.17%	7.046%
39	12.898	1833	1838	1842	rBV3	168059	260917	7.95%	0.642%
40	12.980	1849	1852	1854	rBV3	144664	175332	5.34%	0.432%
41	13.004	1854	1856	1860	rVB	259487	245528	7.48%	0.604%
42	13.074	1861	1868	1870	rBV2	145434	173491	5.28%	0.427%
43	13.110	1870	1874	1878	rVV2	259118	255543	7.78%	0.629%
44	13.168	1882	1884	1886	rBV2	36543	38907	1.18%	0.096%
45	13.198	1887	1889	1892	rVB	126073	113115	3.44%	0.278%
46	13.233	1892	1895	1899	rBV	129425	119306	3.63%	0.294%
47	13.404	1918	1924	1926	rBV5	68410	105860	3.22%	0.261%
48	13.515	1940	1943	1949	rVB	218430	223012	6.79%	0.549%
49	13.621	1956	1961	1964	rBV2	227220	290406	8.84%	0.715%
50	13.651	1964	1966	1968	rVV	196646	171300	5.22%	0.422%
51	13.674	1968	1970	1972	rVV	155535	144464	4.40%	0.356%
52	13.727	1976	1979	1987	rVB2	277348	348607	10.62%	0.858%
53	13.792	1988	1990	1996	rVB2	41519	64926	1.98%	0.160%
54	13.868	1997	2003	2007	rBV2	1618629	2551359	77.70%	6.280%
55	13.904	2007	2009	2016	rVB	1050351	959892	29.23%	2.363%
56	13.980	2020	2022	2024	rVB	86325	68328	2.08%	0.168%
57	14.021	2024	2029	2032	rBV	167130	240331	7.32%	0.592%
58	14.133	2046	2048	2051	rVB3	55585	41768	1.27%	0.103%
59	14.227	2061	2064	2065	rBV2	60819	64553	1.97%	0.159%
60	14.262	2067	2070	2073	rVV	263462	251421	7.66%	0.619%
61	14.292	2073	2075	2080	rVB2	128184	130074	3.96%	0.320%
62	14.357	2083	2086	2088	rVV2	95620	93756	2.86%	0.231%
63	14.386	2088	2091	2093	rBV2	116591	97975	2.98%	0.241%
64	14.457	2101	2103	2109	rVB2	69624	94154	2.87%	0.232%
65	14.645	2132	2135	2138	rBV2	60638	73855	2.25%	0.182%
66	14.674	2138	2140	2144	rVB2	59427	48790	1.49%	0.120%
67	14.721	2145	2148	2150	rBV3	105862	125801	3.83%	0.310%
68	14.792	2157	2160	2166	rVB4	65000	102604	3.12%	0.253%
69	14.892	2173	2177	2180	rBV	1073683	1519547	46.28%	3.740%
70	14.968	2187	2190	2192	rBV2	73206	68785	2.09%	0.169%
71	14.992	2192	2194	2201	rVB	217475	248377	7.56%	0.611%
72	15.180	2222	2226	2232	rVB	560861	709642	21.61%	1.747%
73	15.239	2232	2236	2241	rBV	809997	923868	28.14%	2.274%
74	15.298	2242	2246	2249	rVV	707919	857773	26.12%	2.111%
75	15.327	2249	2251	2258	rVB2	228876	292817	8.92%	0.721%
76	16.504	2447	2451	2454	rBV5	41763	74130	2.26%	0.182%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.680	2476	2481	2491	rVB2	259063	518526	15.79%	1.276%
78	17.098	2547	2552	2565	rVB	190269	396342	12.07%	0.976%

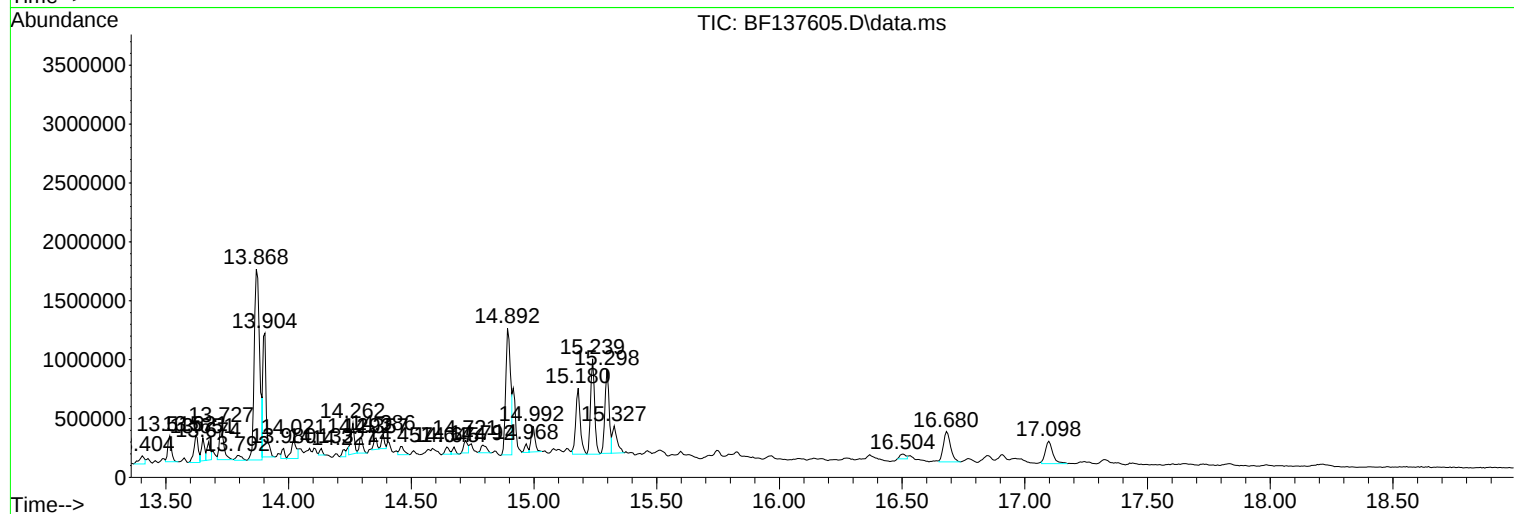
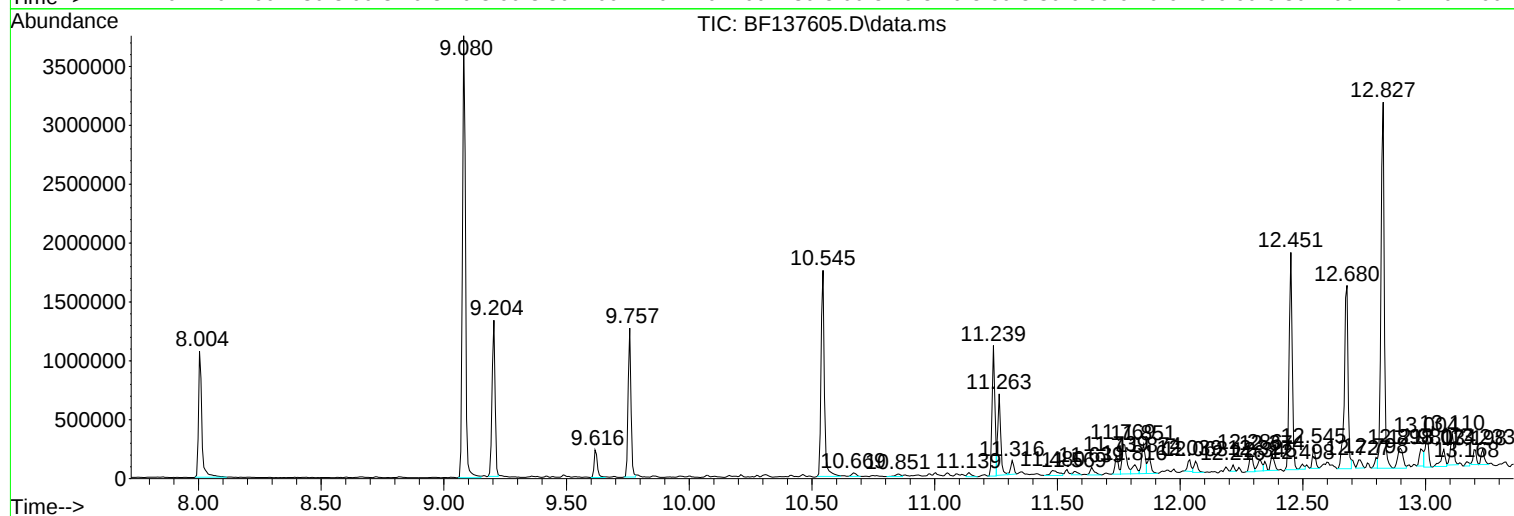
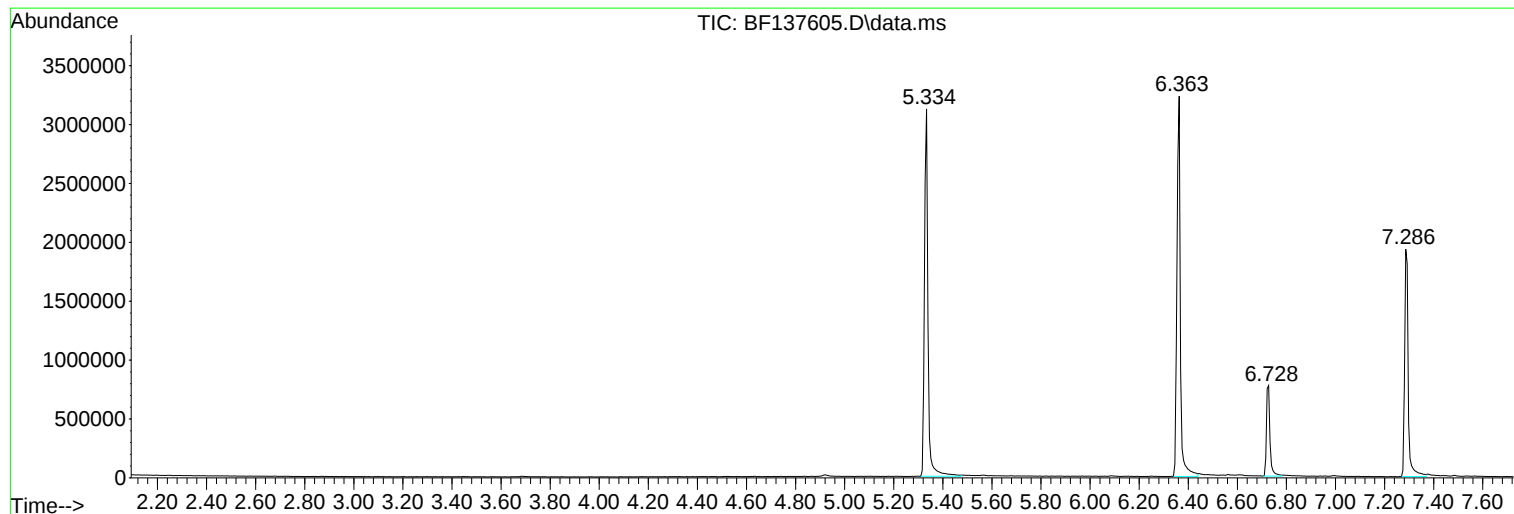
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Instrument :
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SB-03-0-2.0

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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Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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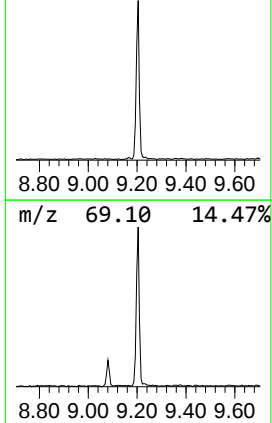
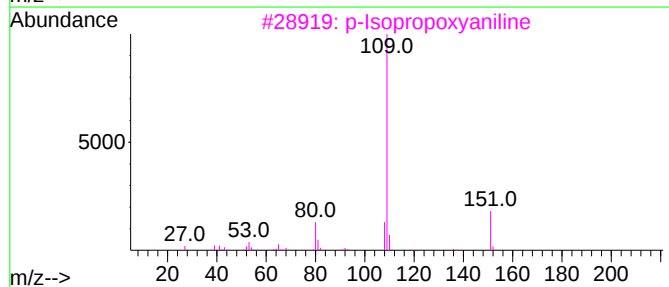
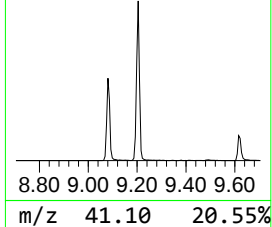
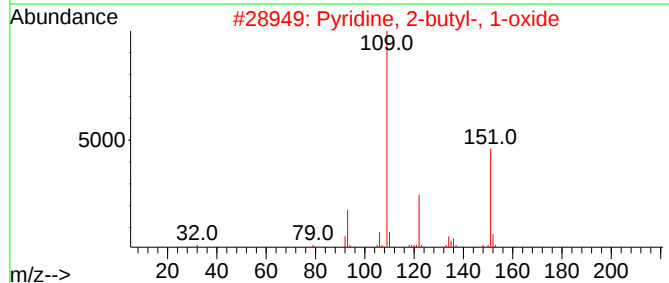
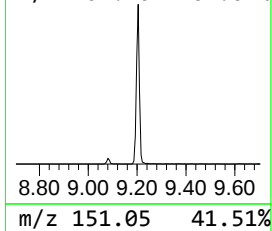
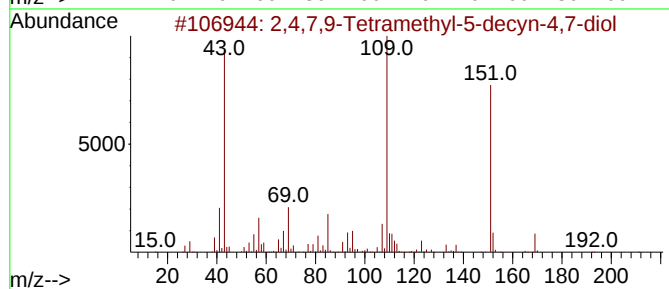
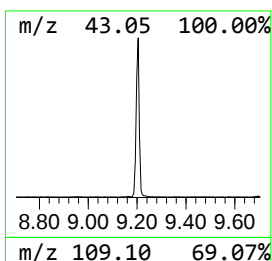
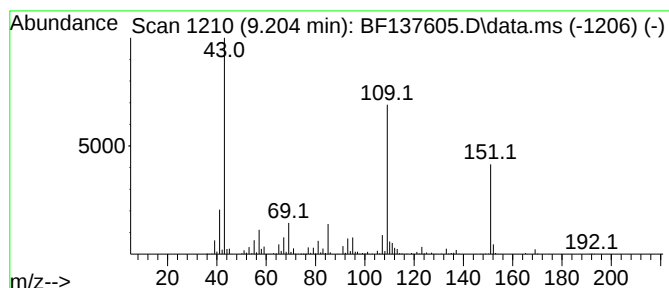
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	22.07 ng	1135450	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87	
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59	
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53	
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53	
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53	



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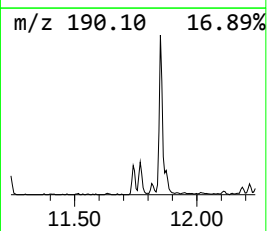
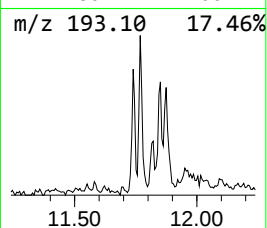
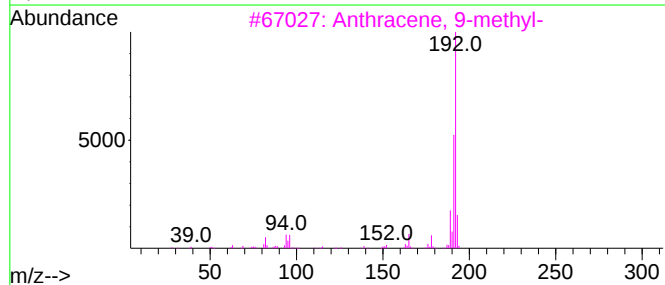
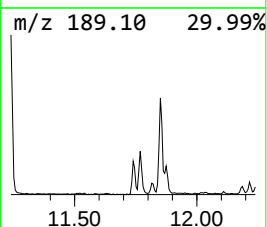
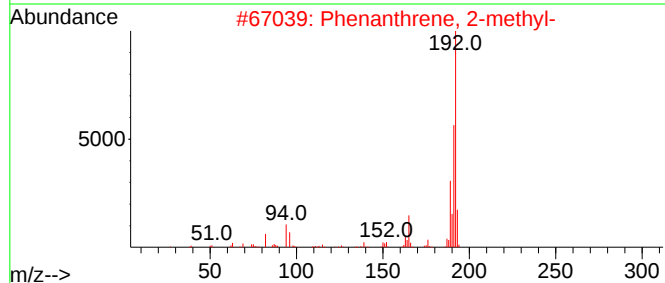
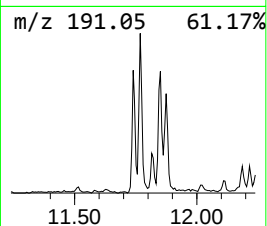
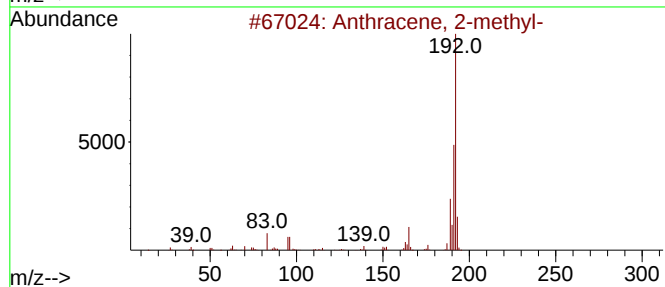
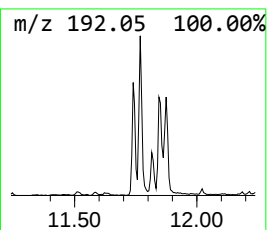
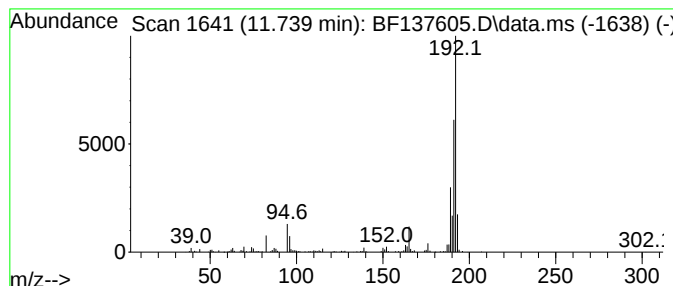
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	3.37 ng	152925	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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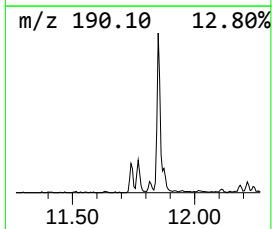
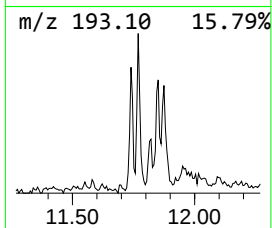
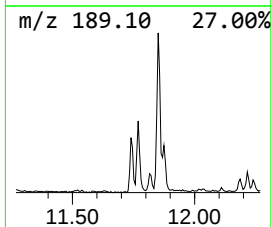
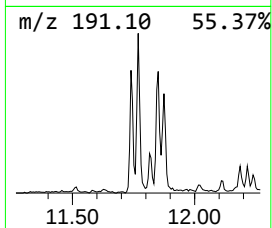
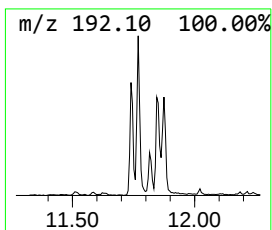
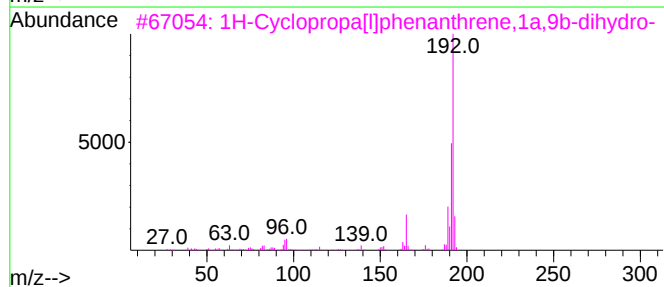
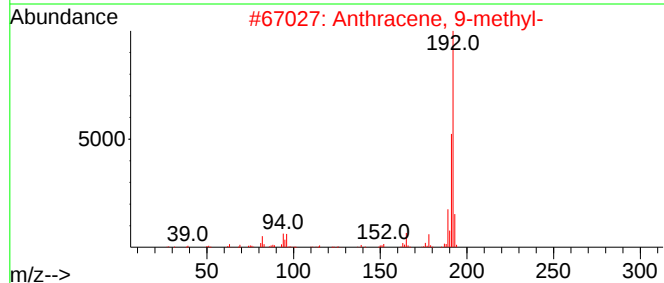
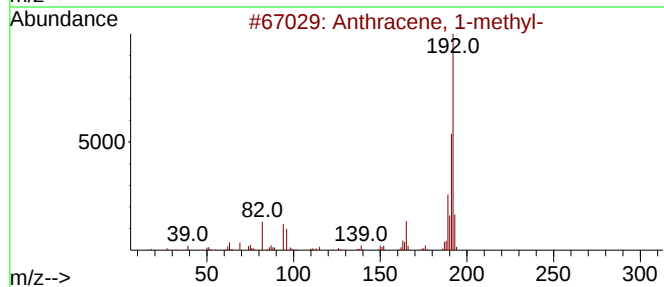
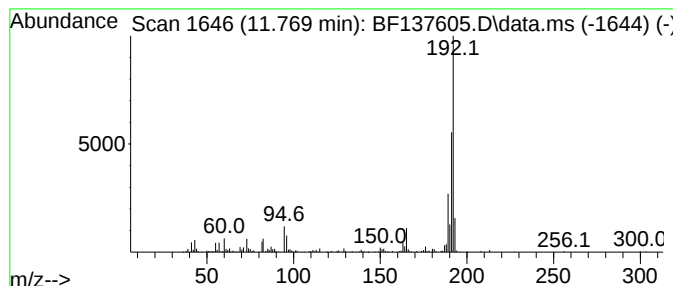
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	7.19 ng	326615	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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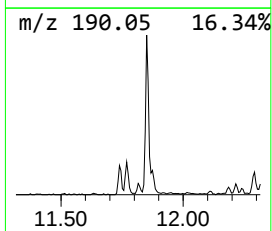
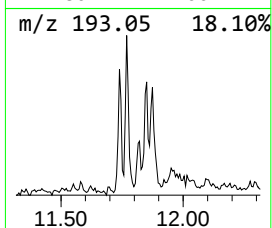
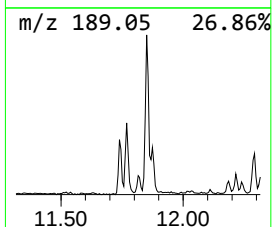
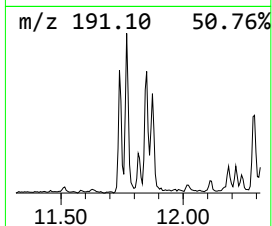
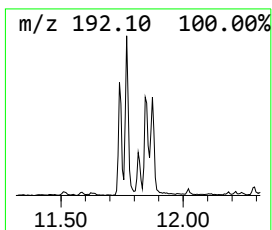
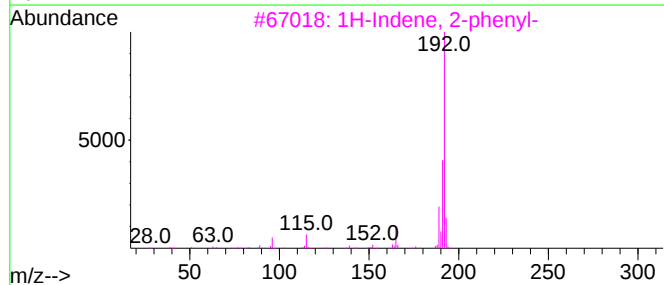
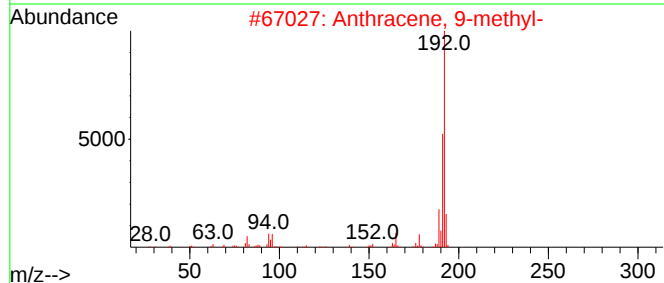
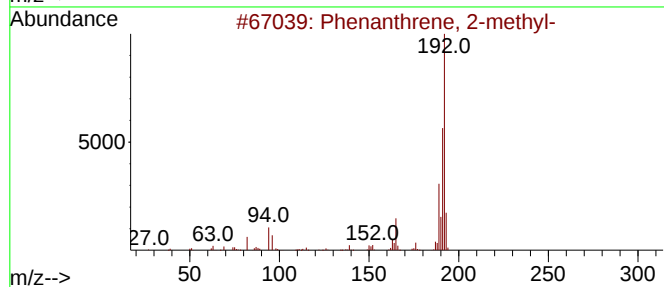
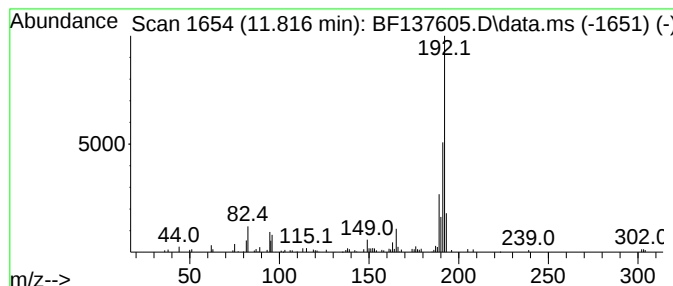
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.816	2.34 ng	106105	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

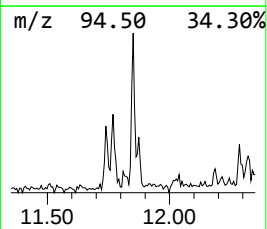
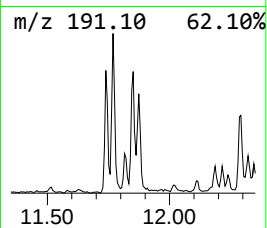
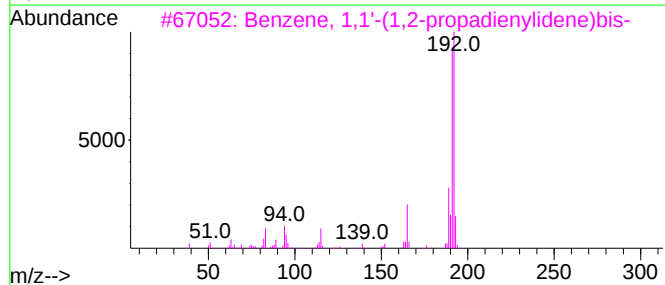
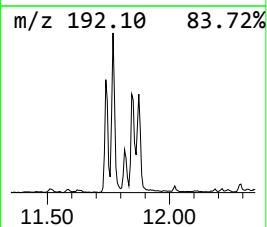
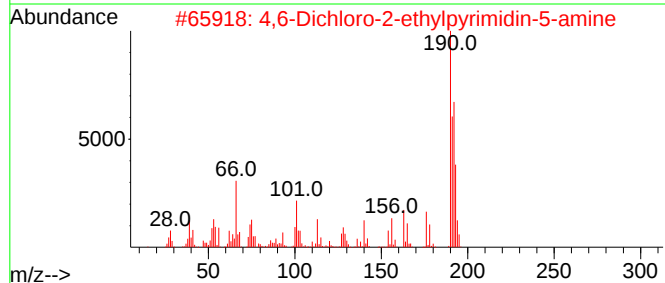
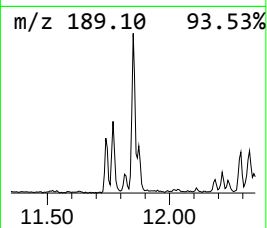
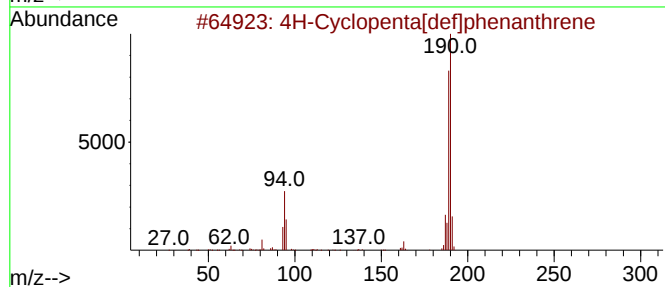
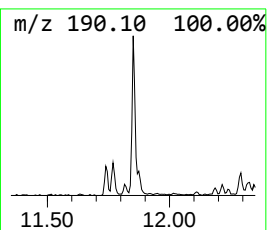
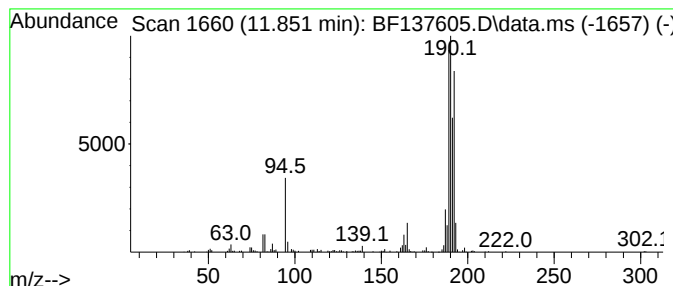
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.851	5.66 ng	256964	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	46
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
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Instrument :
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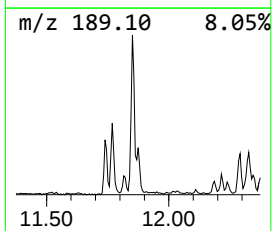
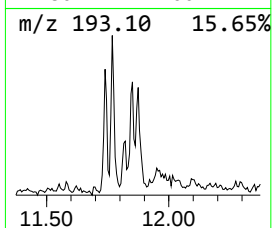
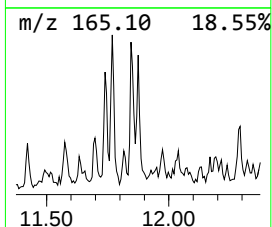
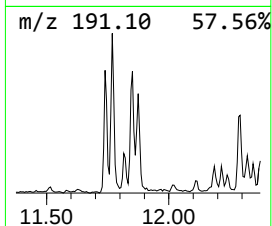
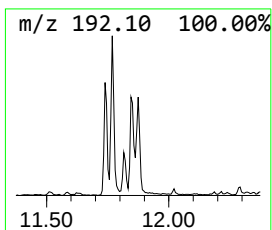
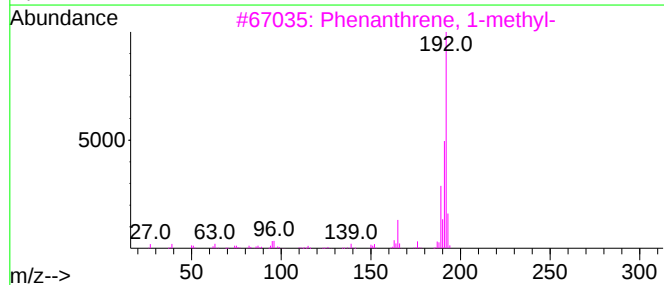
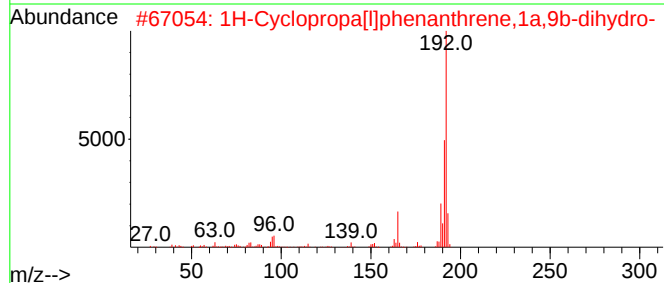
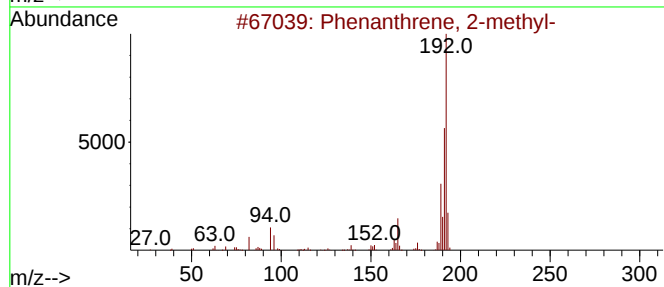
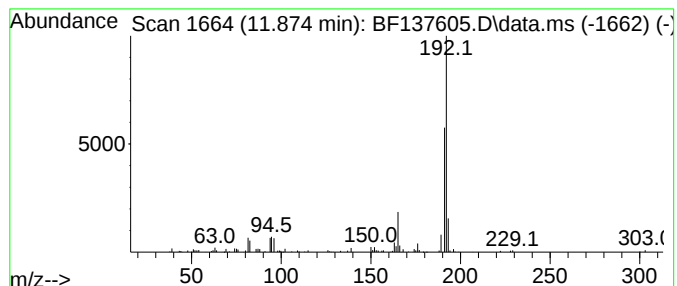
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.94 ng	133495	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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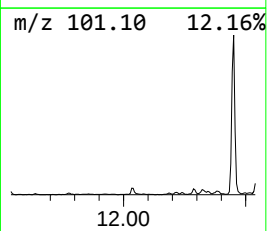
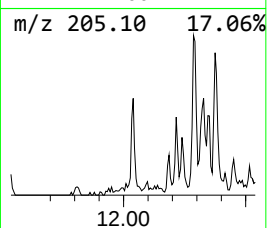
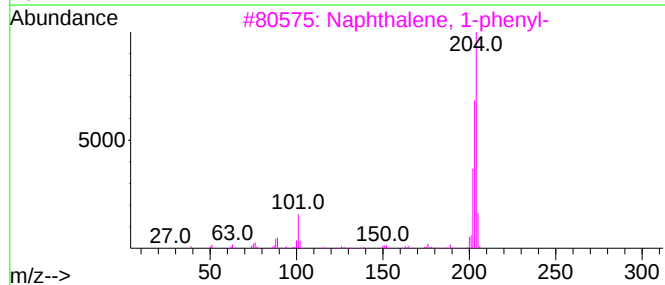
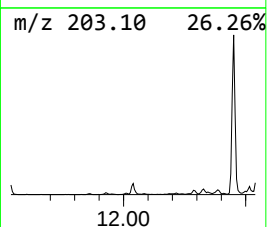
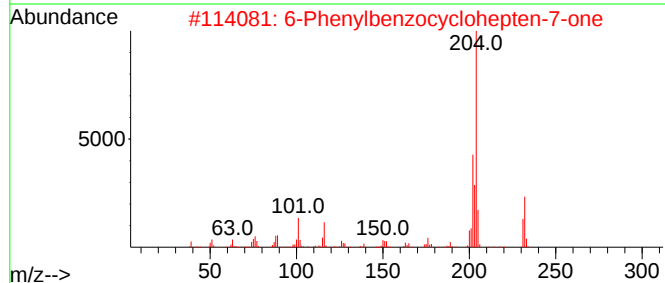
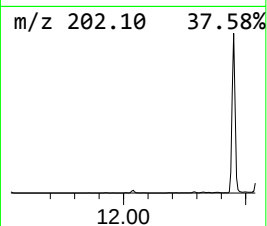
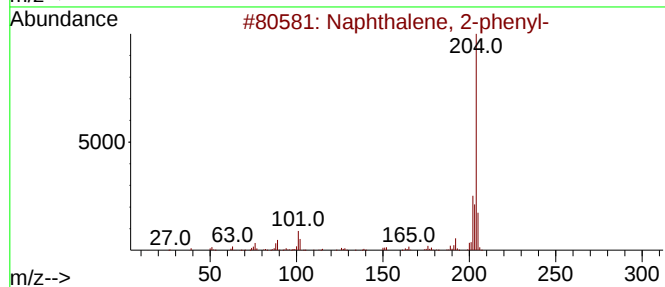
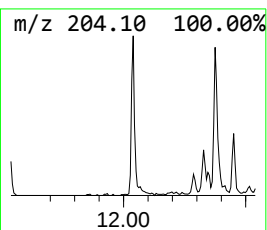
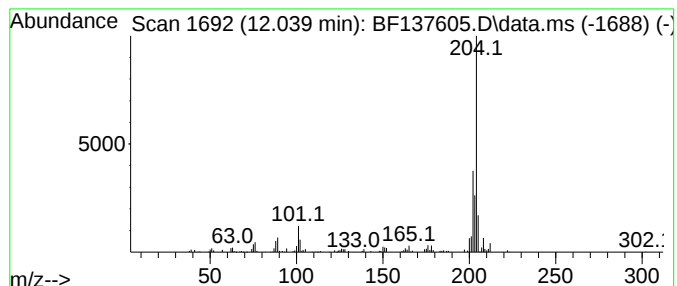
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	2.14 ng	97093	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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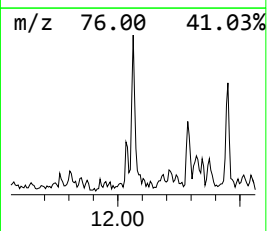
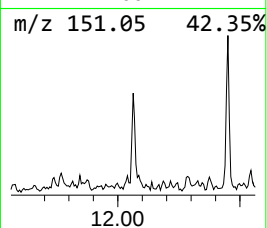
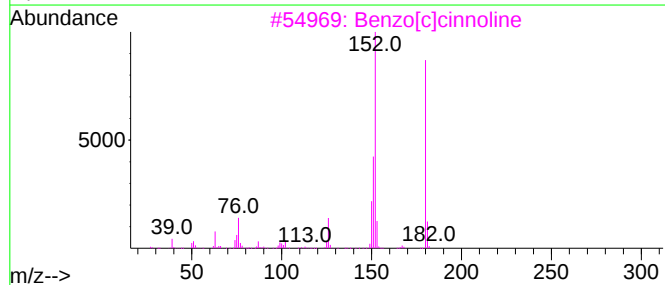
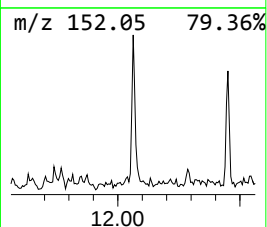
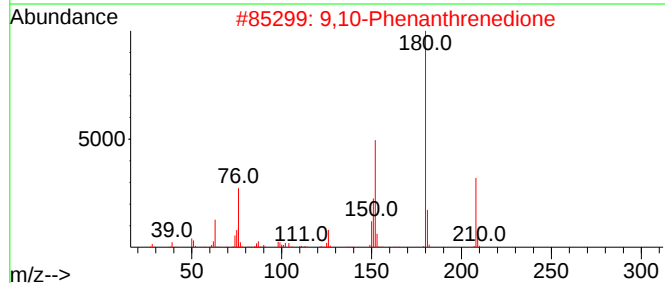
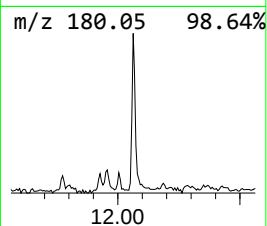
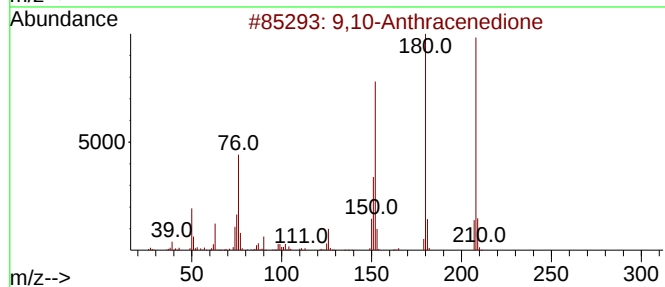
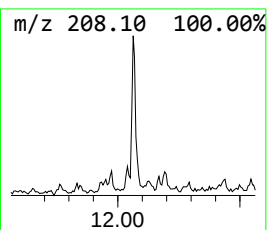
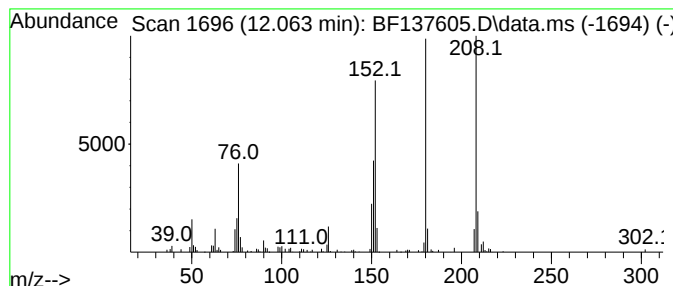
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.09 ng	95088	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5		Diphenic anhydride	224	C14H8O3	006050-13-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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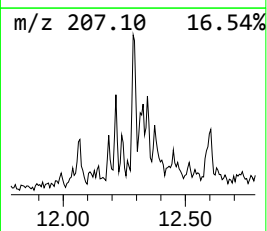
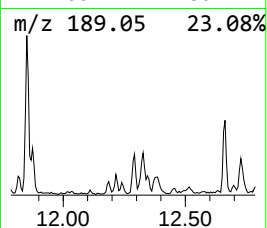
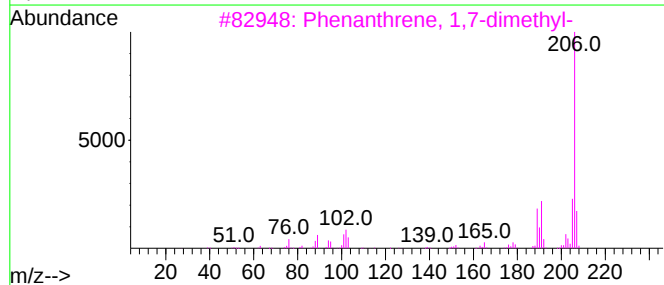
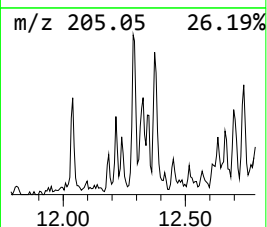
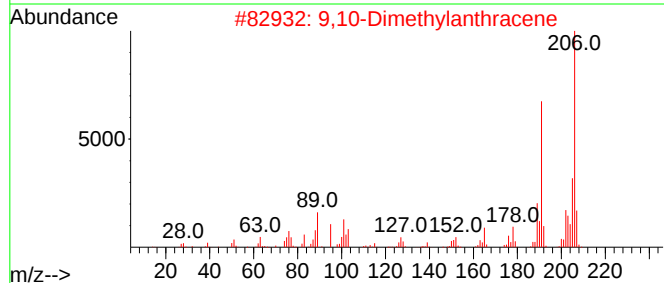
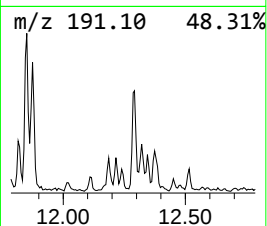
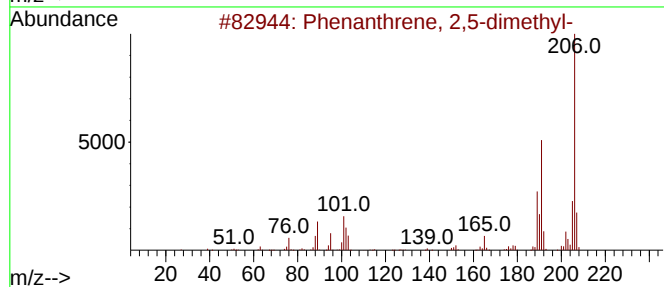
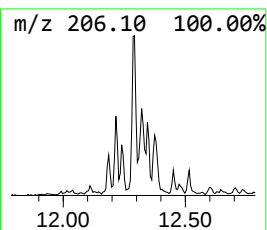
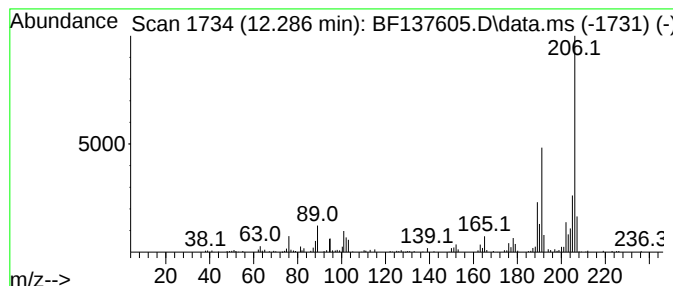
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	3.52 ng	159825	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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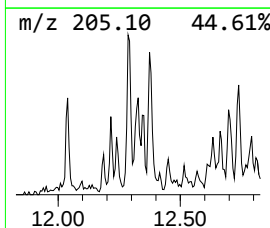
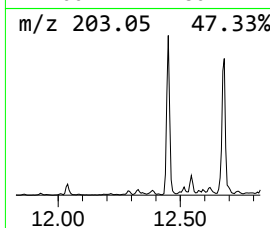
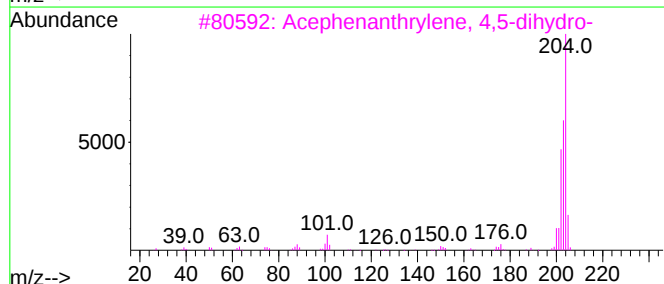
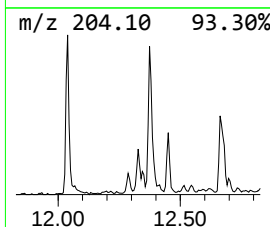
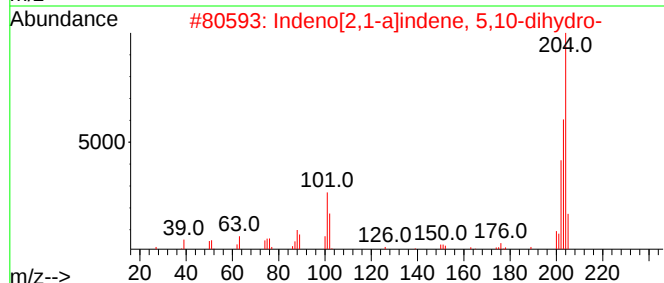
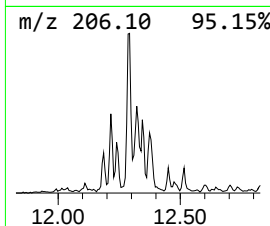
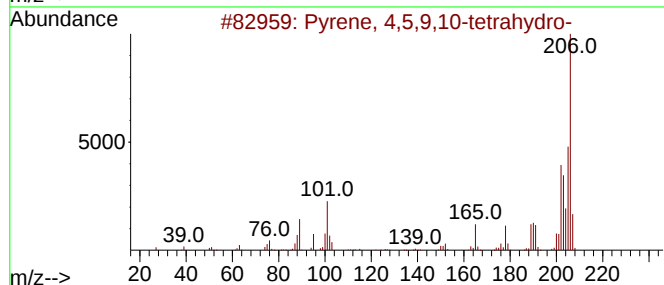
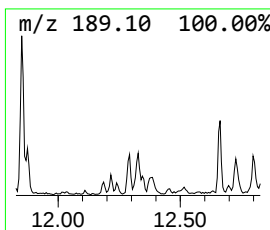
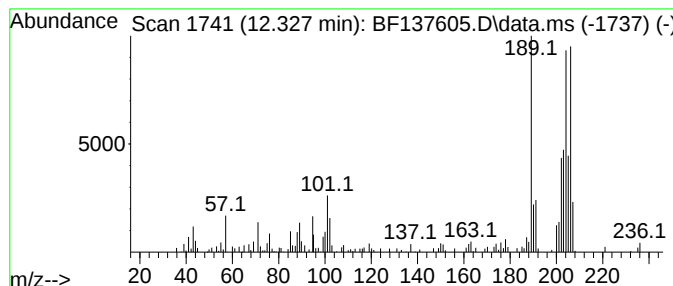
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.327 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	2.88 ng	130860	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
3			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

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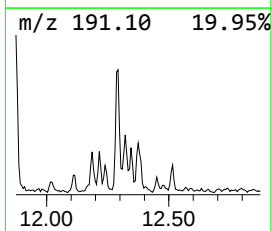
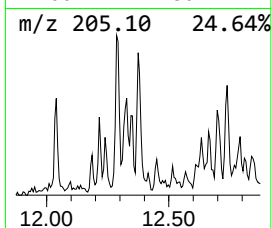
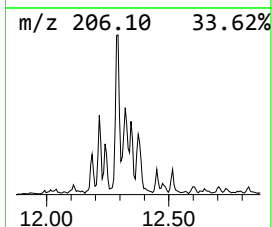
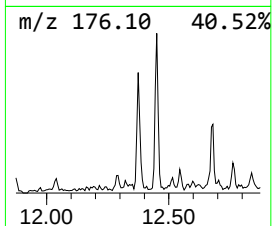
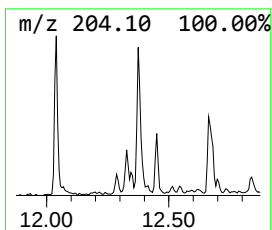
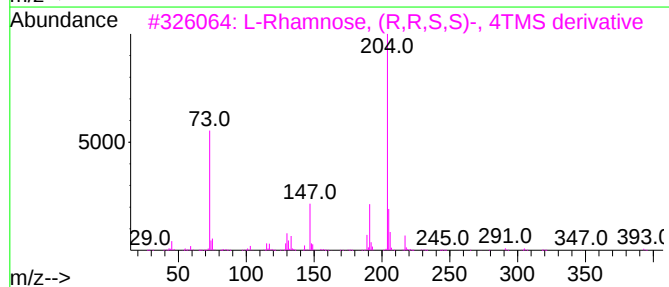
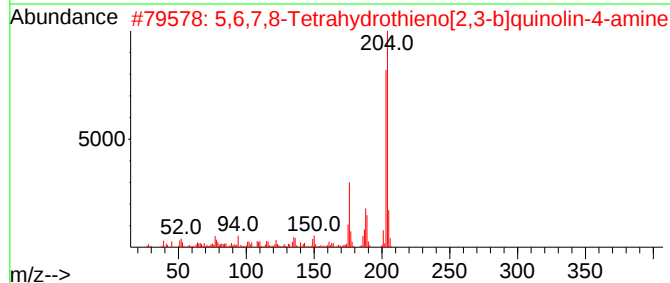
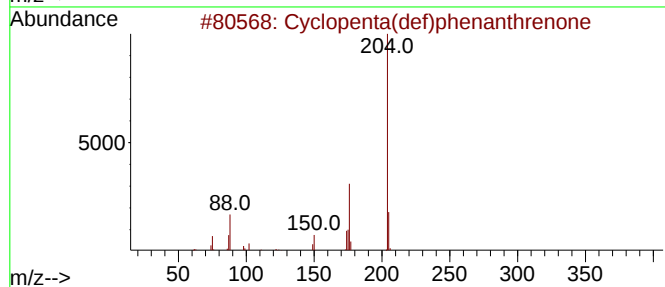
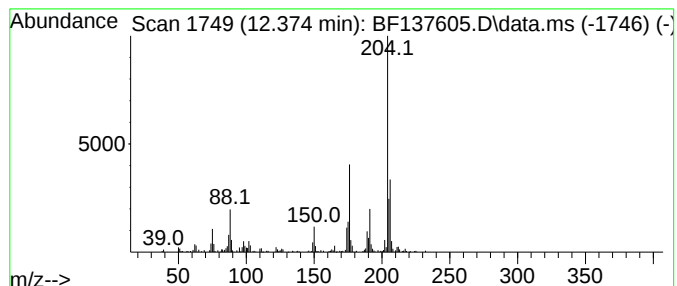
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.02 ng	137171	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3		L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
4		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
5		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
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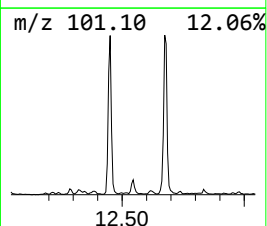
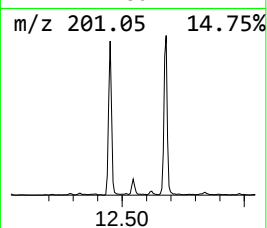
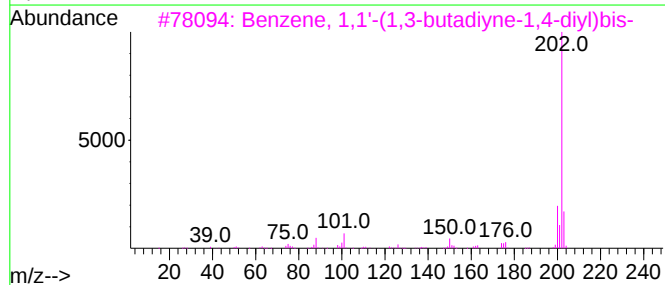
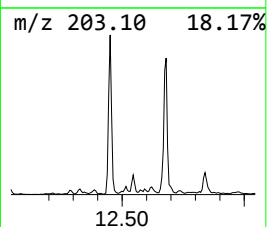
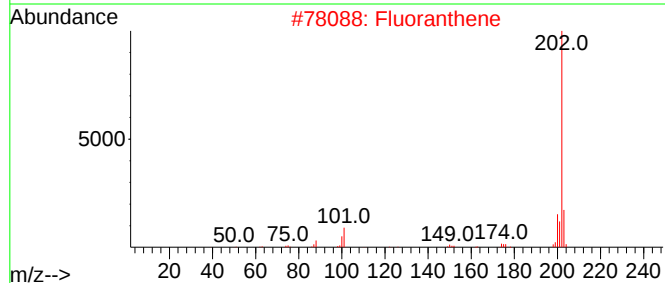
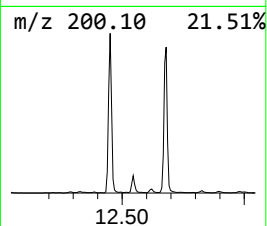
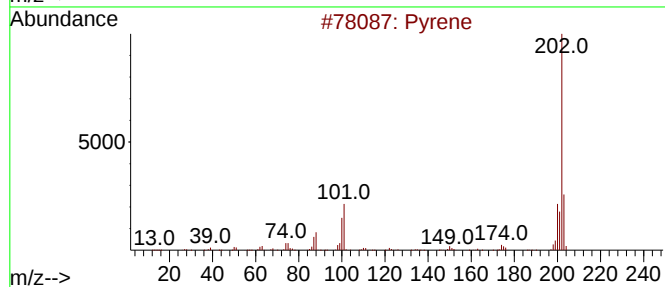
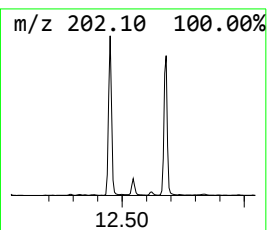
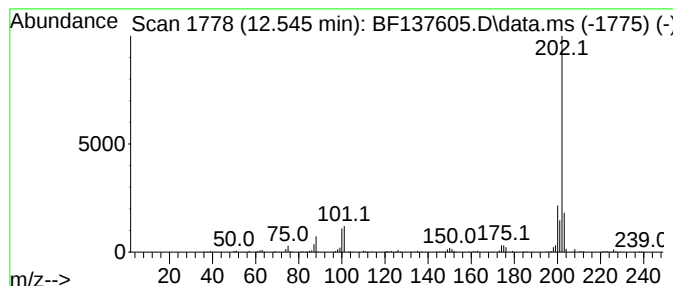
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	3.30 ng	149963	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene	202	C16H10	000129-00-0	95
2		Fluoranthene	202	C16H10	000206-44-0	93
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	68
4		1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	59
5		4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

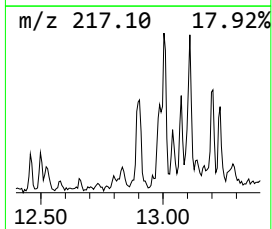
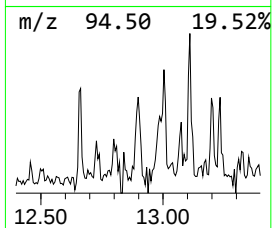
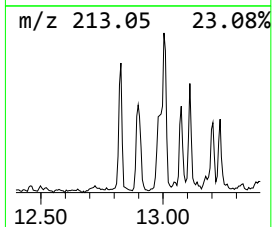
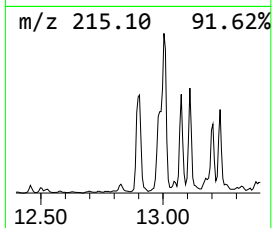
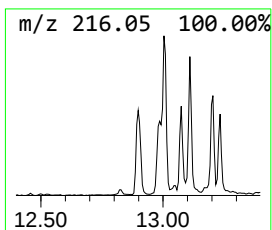
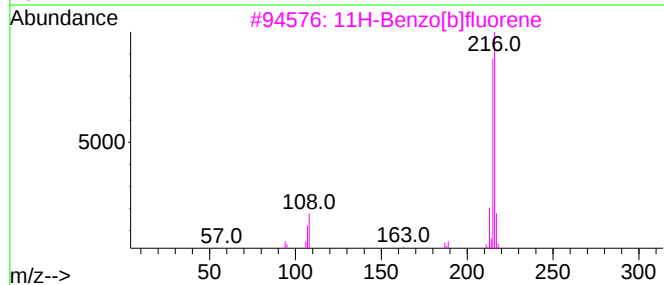
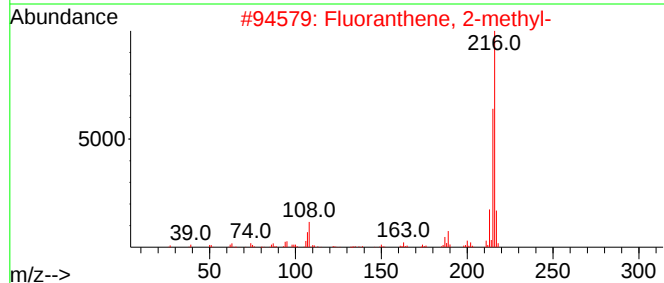
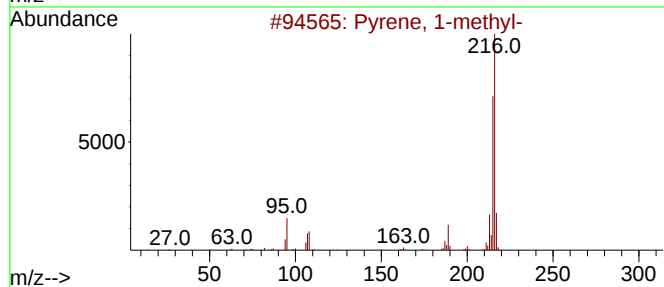
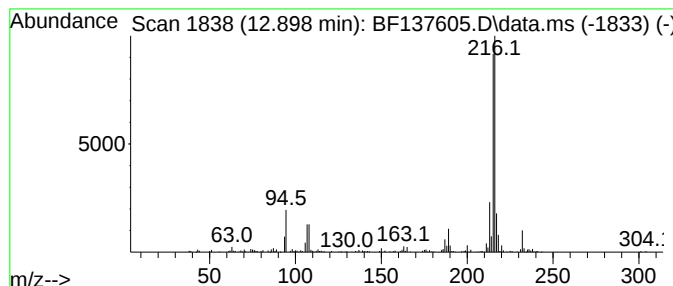
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.898	2.05 ng	260917	Chrysene-d12		13.874	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-		216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

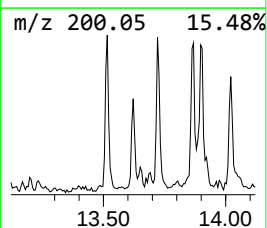
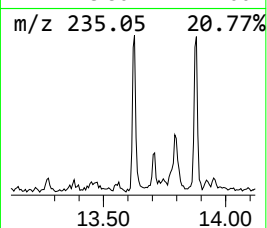
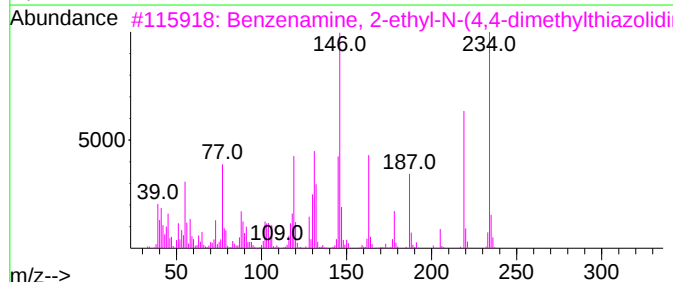
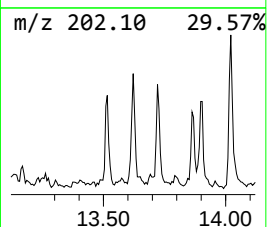
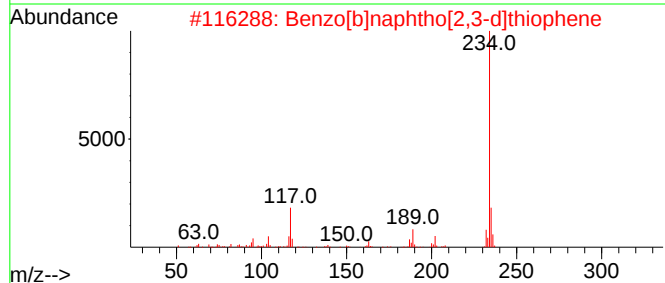
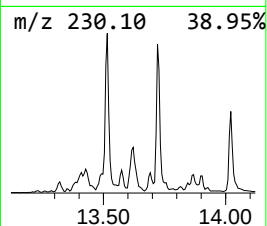
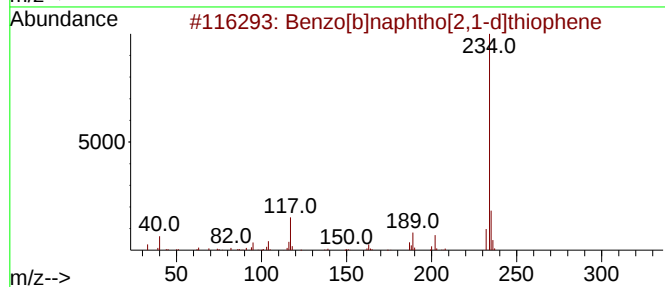
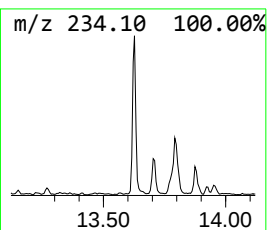
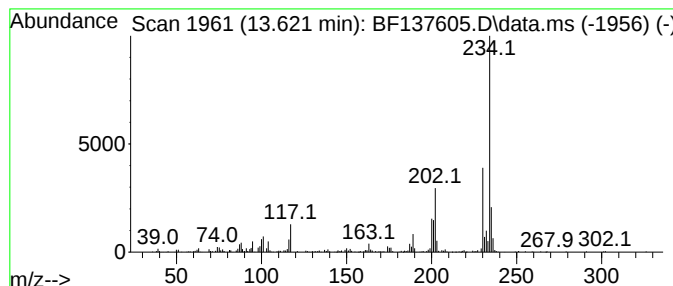
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	2.28 ng	290406	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	92
3			Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	50
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
5			2-Amino-6-t-butyl-3-cyano-4,5,6...	234	C13H18N2S	042159-76-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
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Sample : P1746-08
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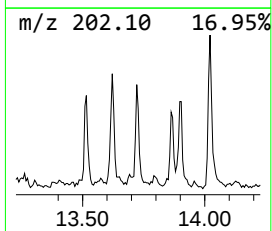
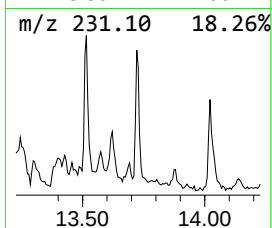
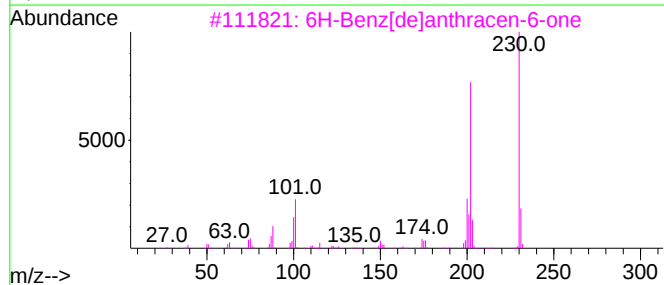
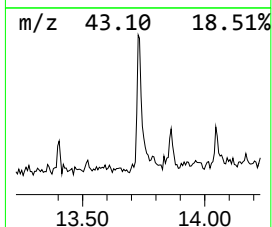
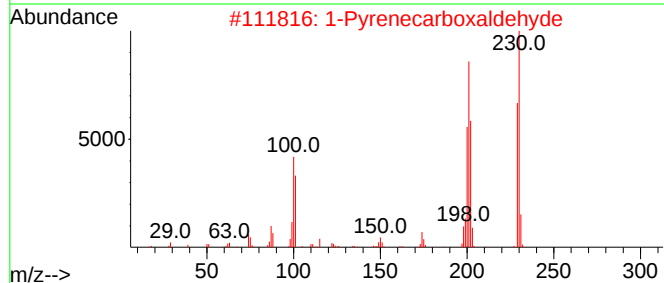
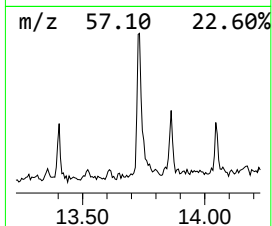
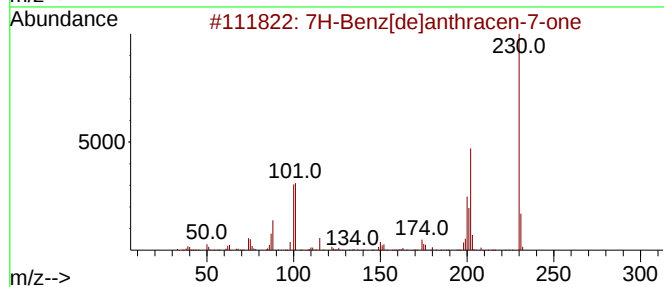
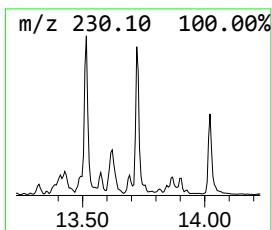
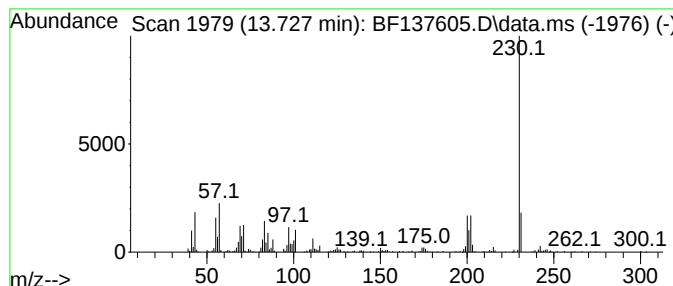
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.727	2.73 ng	348607	Chrysene-d12	13.874	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
5	m-Terphenyl	230	C18H14	000092-06-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
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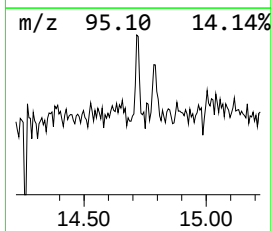
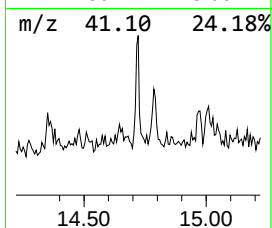
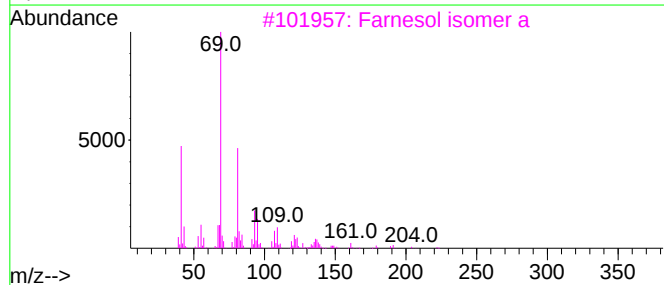
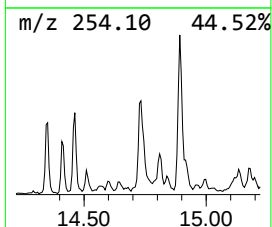
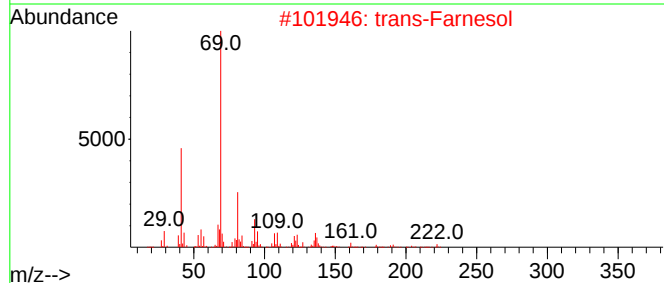
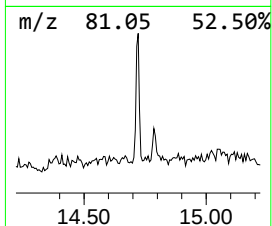
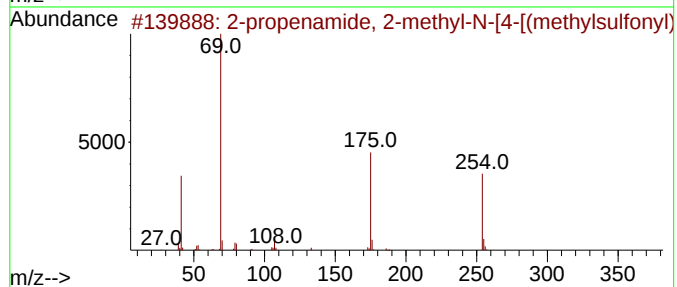
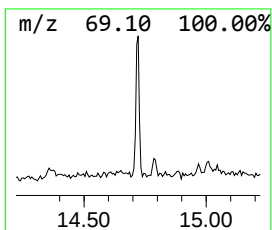
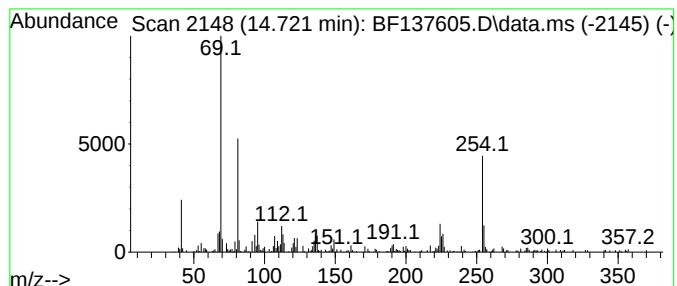
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-propenamide, 2-methyl-N-[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.721	2.93 ng	125801	Perylene-d12	15.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	62
2		trans-Farnesol	222	C15H26O	000106-28-5	50
3		Farnesol isomer a	222	C15H26O	1000108-92-4	45
4		2-propenoic acid, 2-methyl-, 2-[...	255	C11H13NO4S	1000401-47-0	43
5		3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
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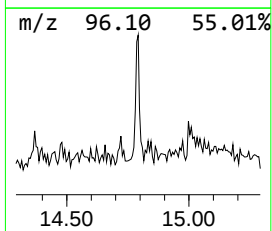
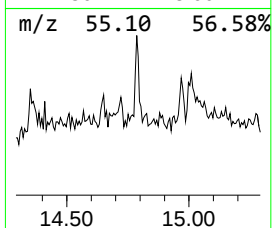
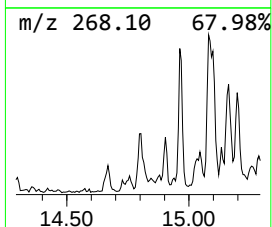
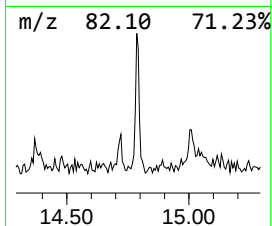
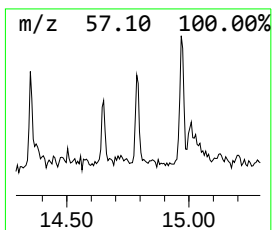
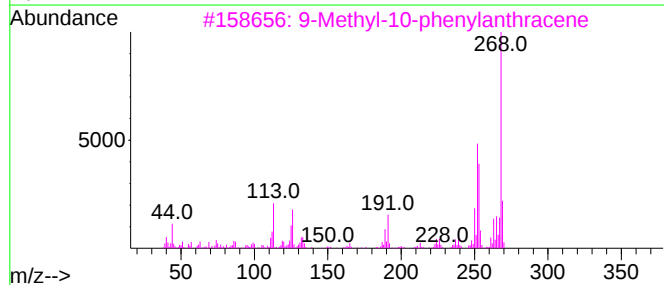
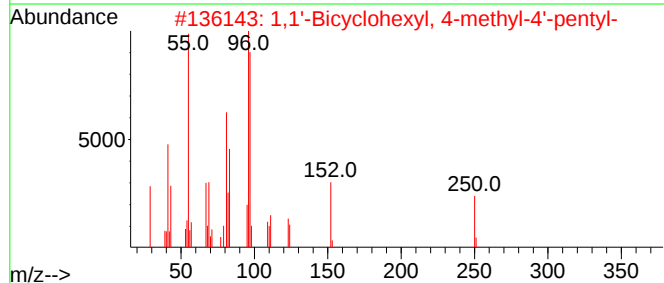
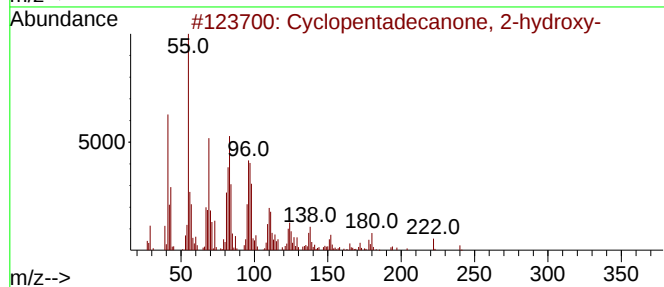
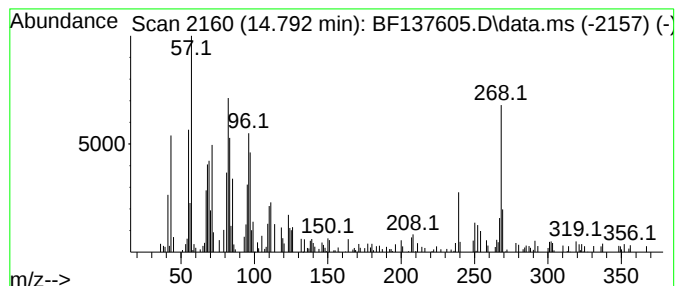
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.792 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	2.39 ng	102604	Perylene-d12	15.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	43
2			1,1'-Bicyclohexyl, 4-methyl-4'-p...	250	C18H34	092263-42-8	42
3			9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	38
4			1-Tricosene	322	C23H46	018835-32-0	35
5			1,19-Eicosadiene	278	C20H38	014811-95-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

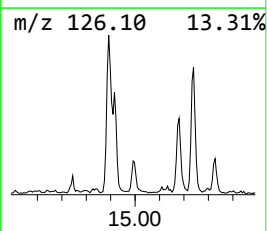
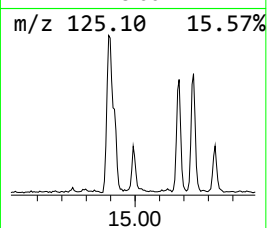
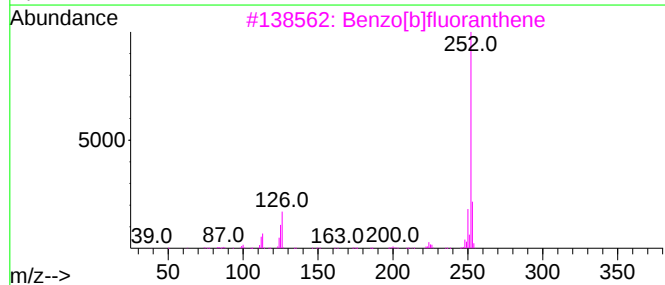
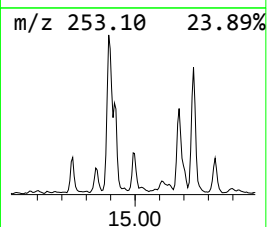
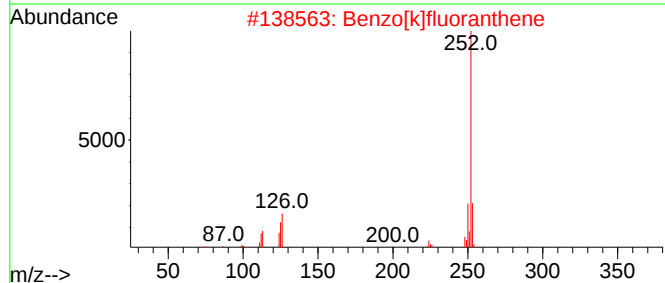
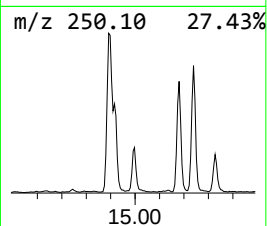
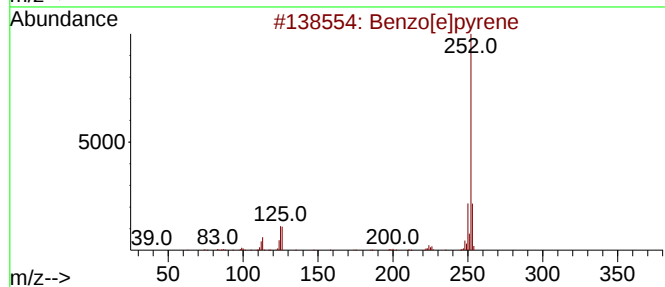
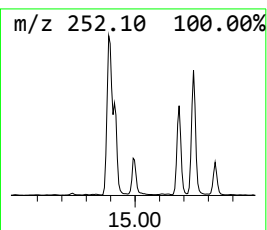
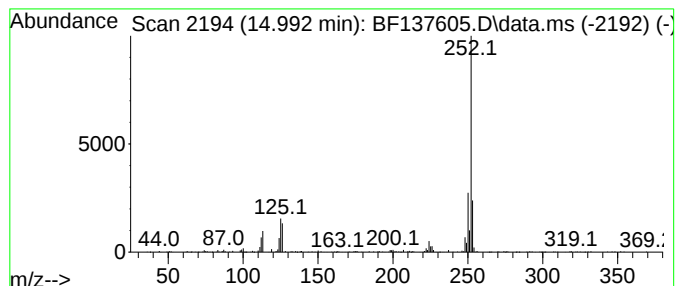
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	5.79 ng	248377	Perylene-d12	15.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

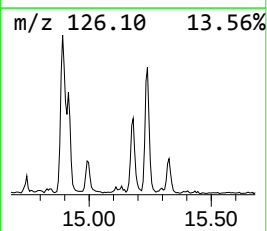
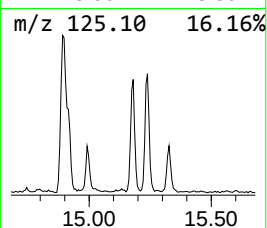
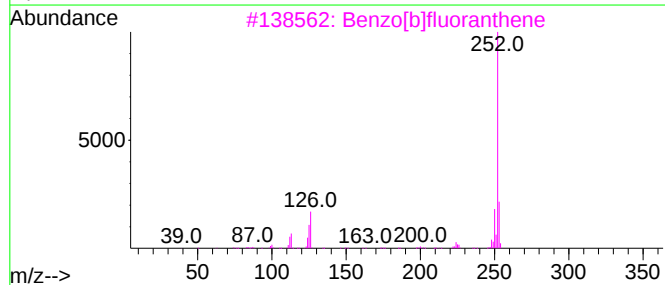
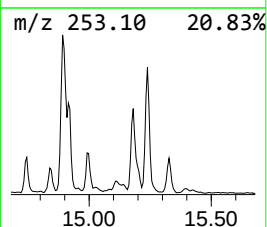
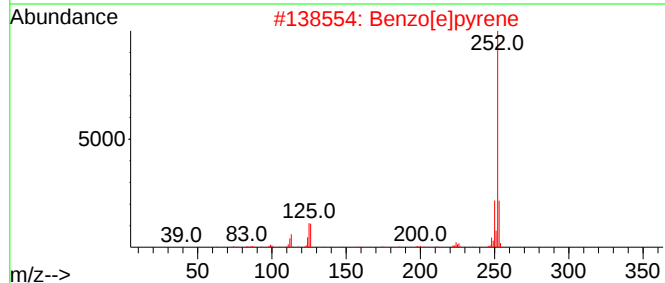
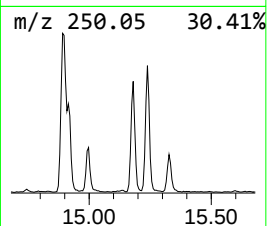
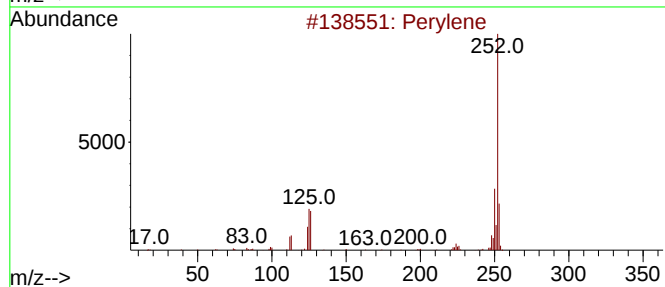
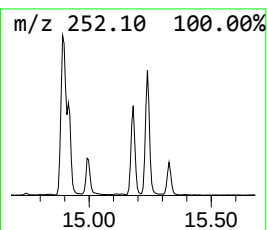
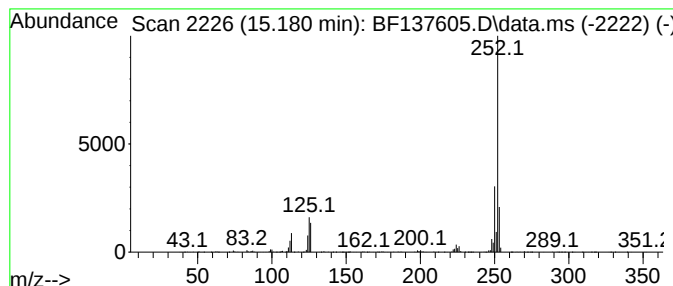
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	16.55 ng	709642	Perylene-d12	15.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
5		Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
Data File : BF137605.D
Acq On : 14 Mar 2024 22:21
Operator : CG\JU
Sample : P1746-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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
2,4,7,9-Tetrame...	9.204	22.1	ng	1135450	3	9.757	1029100	20.0
Anthracene, 2-m...	11.739	3.4	ng	152925	4	11.239	908218	20.0
Anthracene, 1-m...	11.769	7.2	ng	326615	4	11.239	908218	20.0
Phenanthrene, 2...	11.816	2.3	ng	106105	4	11.239	908218	20.0
4H-Cyclopenta[d...	11.851	5.7	ng	256964	4	11.239	908218	20.0
1H-Cyclopropa[1...	11.874	2.9	ng	133495	4	11.239	908218	20.0
Naphthalene, 2-...	12.039	2.1	ng	97093	4	11.239	908218	20.0
9,10-Anthracene...	12.063	2.1	ng	95088	4	11.239	908218	20.0
Phenanthrene, 2...	12.286	3.5	ng	159825	4	11.239	908218	20.0
unknown12.327	12.327	2.9	ng	130860	4	11.239	908218	20.0
Cyclopenta(def)...	12.374	3.0	ng	137171	4	11.239	908218	20.0
Benzene, 1,1'-(...	12.545	3.3	ng	149963	4	11.239	908218	20.0
Pyrene, 1-methyl-	12.898	2.0	ng	260917	5	13.874	2551360	20.0
Benzo[b]naphtho...	13.621	2.3	ng	290406	5	13.874	2551360	20.0
7H-Benz[de]anth...	13.727	2.7	ng	348607	5	13.874	2551360	20.0
2-propenamide, ...	14.721	2.9	ng	125801	6	15.298	857773	20.0
unknown14.792	14.792	2.4	ng	102604	6	15.298	857773	20.0
Benzo[e]pyrene	14.992	5.8	ng	248377	6	15.298	857773	20.0
Perylene	15.180	16.6	ng	709642	6	15.298	857773	20.0