

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140888.D
 Acq On : 17 Dec 2024 16:30
 Operator : RC/JU
 Sample : P5268-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-12122024

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-BF121624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	37	rVB	997601	1293803	50.39%	3.964%
2	5.493	573	578	603	rBV	466183	709360	27.63%	2.174%
3	6.498	744	749	775	rBV	493183	740375	28.83%	2.269%
4	6.846	804	808	816	rBV	196494	255925	9.97%	0.784%
5	7.410	900	904	915	rBV	362559	476358	18.55%	1.460%
6	8.128	1021	1026	1038	rVB2	248426	348417	13.57%	1.068%
7	8.840	1143	1147	1154	rBV	26745	33966	1.32%	0.104%
8	8.940	1158	1164	1172	rVB	41382	52809	2.06%	0.162%
9	9.198	1203	1208	1216	rBV	767504	929726	36.21%	2.849%
10	9.469	1248	1254	1257	rBV	27319	41935	1.63%	0.128%
11	9.539	1262	1266	1269	rVV	55236	79547	3.10%	0.244%
12	9.563	1269	1270	1274	rVV	29116	33116	1.29%	0.101%
13	9.610	1274	1278	1282	rVV	36849	48339	1.88%	0.148%
14	9.657	1282	1286	1296	rVB	29197	50177	1.95%	0.154%
15	9.745	1296	1301	1307	rBV	182365	235657	9.18%	0.722%
16	9.881	1316	1324	1327	rBV	272013	352182	13.72%	1.079%
17	9.916	1327	1330	1336	rVB	102858	124322	4.84%	0.381%
18	10.086	1354	1359	1362	rBV2	80797	105344	4.10%	0.323%
19	10.122	1362	1365	1369	rVB	37422	43545	1.70%	0.133%
20	10.192	1373	1377	1380	rBV	50638	69460	2.71%	0.213%
21	10.222	1380	1382	1388	rVB2	23886	35292	1.37%	0.108%
22	10.281	1388	1392	1399	rBV4	29476	61446	2.39%	0.188%
23	10.339	1399	1402	1406	rBV	31676	38887	1.51%	0.119%
24	10.428	1414	1417	1423	rVB	180704	258668	10.07%	0.793%
25	10.498	1423	1429	1430	rBV4	25752	43368	1.69%	0.133%
26	10.592	1440	1445	1452	rVB	197831	282287	10.99%	0.865%
27	10.675	1452	1459	1472	rVB	416679	588670	22.93%	1.804%
28	10.792	1473	1479	1485	rBV4	33345	64792	2.52%	0.199%
29	10.898	1494	1497	1501	rVB3	22445	28762	1.12%	0.088%
30	10.975	1505	1510	1513	rBV2	79487	124820	4.86%	0.382%
31	11.010	1513	1516	1522	rVB	41082	49278	1.92%	0.151%
32	11.063	1522	1525	1528	rVB	35227	39540	1.54%	0.121%
33	11.110	1528	1533	1534	rBV2	23192	35627	1.39%	0.109%
34	11.181	1541	1545	1549	rBV2	39283	57373	2.23%	0.176%
35	11.222	1549	1552	1555	rVV2	25610	34291	1.34%	0.105%
36	11.269	1555	1560	1565	rVB	116150	157857	6.15%	0.484%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.398	1572	1582	1586	rBV2	1305751	2000050	77.89%	6.128%
38	11.451	1586	1591	1594	rVV	344411	465740	18.14%	1.427%
39	11.481	1594	1596	1601	rVV3	46838	80352	3.13%	0.246%
40	11.528	1602	1604	1613	rVB5	33075	59223	2.31%	0.181%
41	11.610	1613	1618	1622	rBV2	120108	178738	6.96%	0.548%
42	11.704	1630	1634	1639	rVB2	87312	127753	4.98%	0.391%
43	11.786	1643	1648	1652	rVB2	71862	108101	4.21%	0.331%
44	11.833	1653	1656	1658	rBV2	20910	26503	1.03%	0.081%
45	11.875	1658	1663	1665	rBV	361653	495478	19.30%	1.518%
46	11.904	1665	1668	1672	rVB	467012	613763	23.90%	1.881%
47	11.951	1672	1676	1678	rBV	139508	170291	6.63%	0.522%
48	11.986	1678	1682	1691	rVB	541615	1062750	41.39%	3.256%
49	12.057	1691	1694	1696	rBV2	27271	38705	1.51%	0.119%
50	12.110	1700	1703	1706	rVV	41577	54743	2.13%	0.168%
51	12.169	1709	1713	1716	rVV	174381	260981	10.16%	0.800%
52	12.204	1716	1719	1723	rVB2	127805	177465	6.91%	0.544%
53	12.316	1733	1738	1741	rBV2	94803	159798	6.22%	0.490%
54	12.351	1741	1744	1746	rBV	105401	114433	4.46%	0.351%
55	12.428	1752	1757	1760	rBV	374303	564548	21.99%	1.730%
56	12.463	1760	1763	1769	rVV2	199102	389098	15.15%	1.192%
57	12.516	1769	1772	1780	rVB4	165753	330130	12.86%	1.012%
58	12.592	1780	1785	1789	rBV	1690571	2195392	85.50%	6.727%
59	12.686	1798	1801	1806	rVV	114817	172756	6.73%	0.529%
60	12.739	1806	1810	1813	rVV2	132039	213890	8.33%	0.655%
61	12.822	1817	1824	1829	rVV	1660967	2567715	100.00%	7.868%
62	12.875	1829	1833	1837	rVV	175589	235946	9.19%	0.723%
63	12.957	1841	1847	1856	rVB	945068	1471942	57.32%	4.510%
64	13.039	1856	1861	1866	rBV5	180868	324123	12.62%	0.993%
65	13.145	1872	1879	1884	rVB	316554	626634	24.40%	1.920%
66	13.216	1885	1891	1894	rVV	223797	333082	12.97%	1.021%
67	13.257	1894	1898	1905	rVV2	274067	450570	17.55%	1.381%
68	13.345	1909	1913	1916	rVV	224022	334583	13.03%	1.025%
69	13.380	1916	1919	1927	rVB2	220454	353609	13.77%	1.083%
70	13.663	1964	1967	1971	rVB2	131372	173021	6.74%	0.530%
71	13.774	1980	1986	1992	rBV4	227416	569938	22.20%	1.746%
72	13.845	1992	1998	2001	rVV4	143635	275082	10.71%	0.843%
73	14.016	2022	2027	2031	rBV2	914105	1654847	64.45%	5.071%
74	14.051	2031	2033	2040	rVB	673658	769437	29.97%	2.358%
75	14.186	2053	2056	2060	rVB3	91654	125596	4.89%	0.385%
76	14.416	2091	2095	2098	rVV	189878	231802	9.03%	0.710%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.451	2099	2101	2104	rVB	84627	76895	2.99%	0.236%
78	14.545	2115	2117	2124	rVB4	125425	220130	8.57%	0.674%
79	15.086	2204	2209	2223	rVB	543573	1267096	49.35%	3.882%
80	15.192	2224	2227	2232	rVB	112257	148467	5.78%	0.455%
81	15.386	2256	2260	2266	rVB	351229	542554	21.13%	1.662%
82	15.457	2267	2272	2277	rBV	414676	641917	25.00%	1.967%
83	15.516	2278	2282	2285	rBV	197524	279586	10.89%	0.857%
84	17.021	2533	2538	2549	rVB	256967	595580	23.19%	1.825%
85	17.474	2611	2615	2627	rVB	166632	380414	14.82%	1.166%

Sum of corrected areas: 32636568

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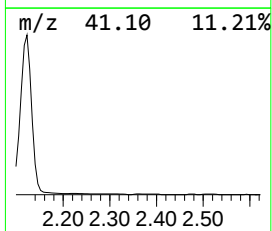
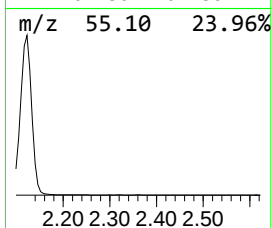
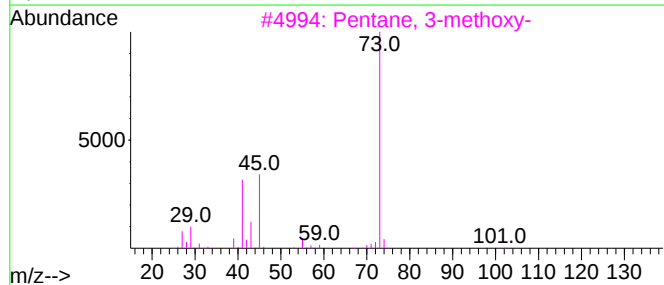
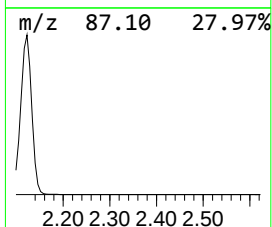
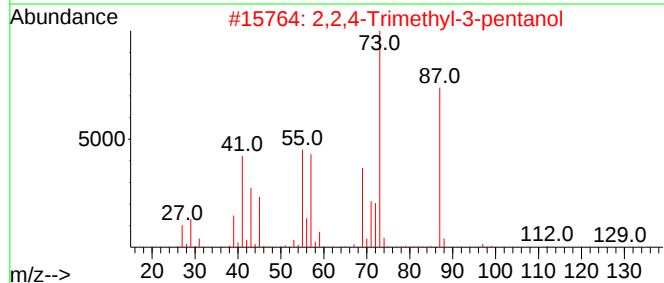
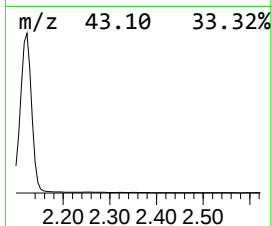
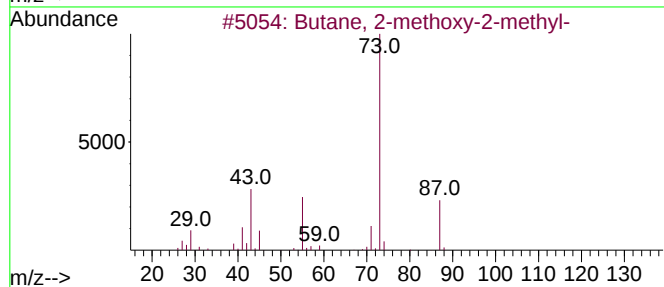
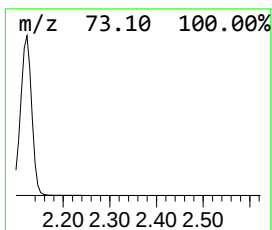
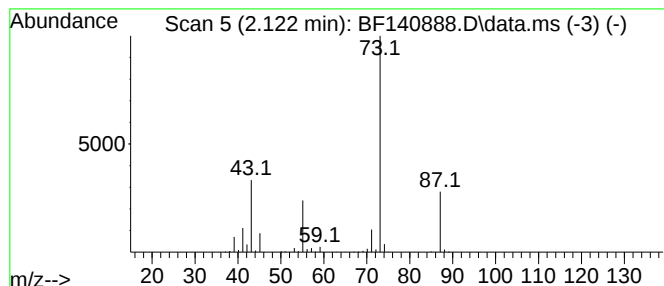
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	101.11 ng	1293800	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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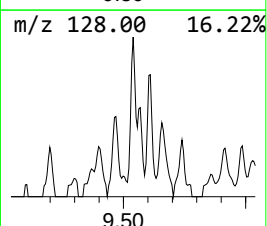
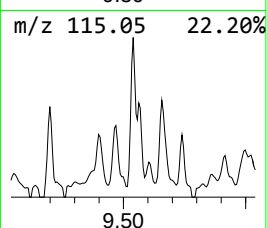
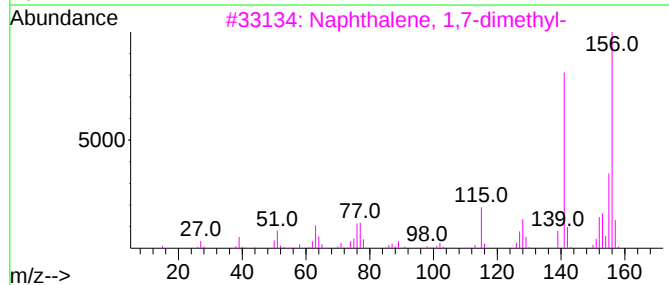
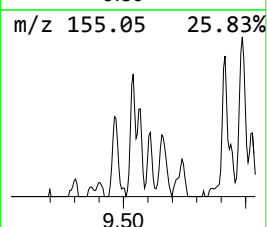
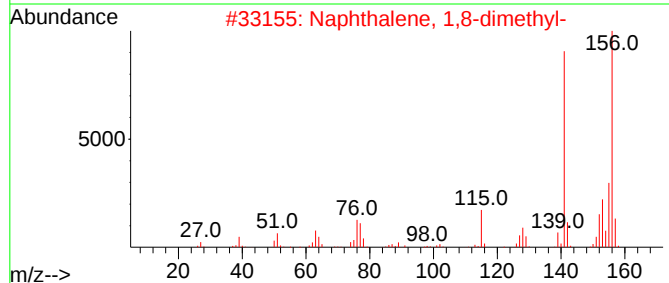
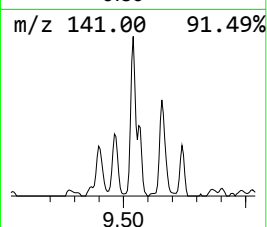
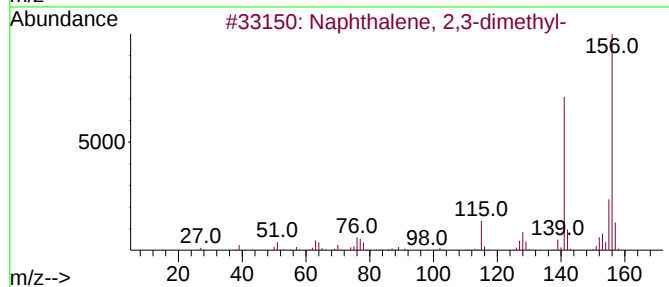
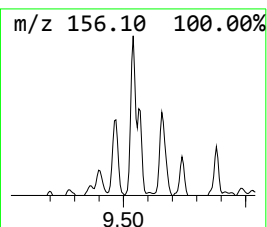
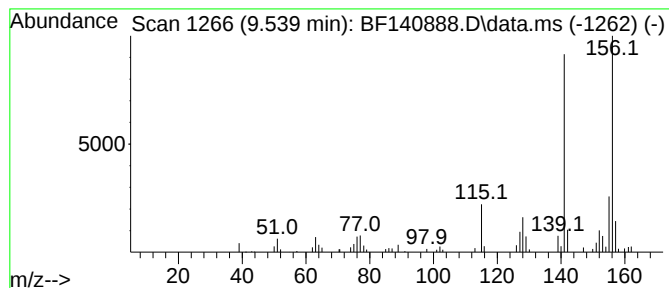
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	4.52 ng	79547	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



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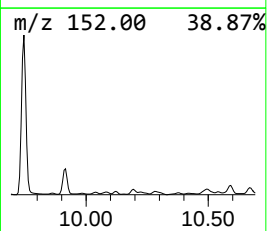
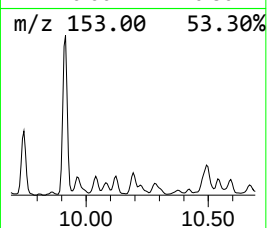
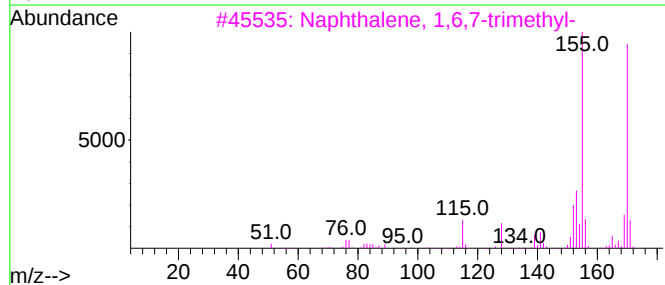
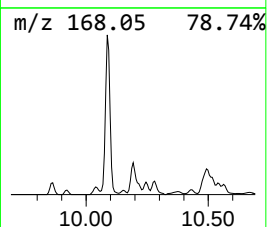
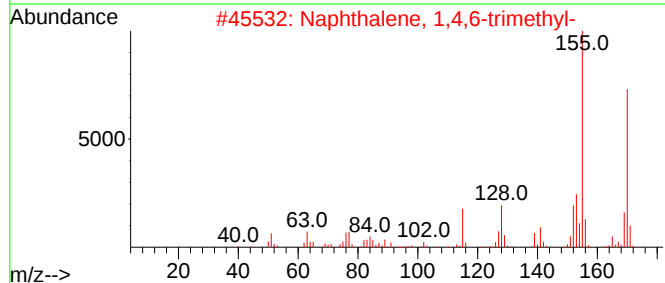
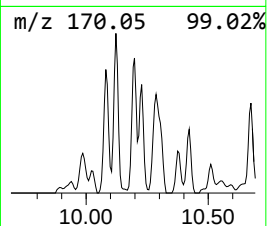
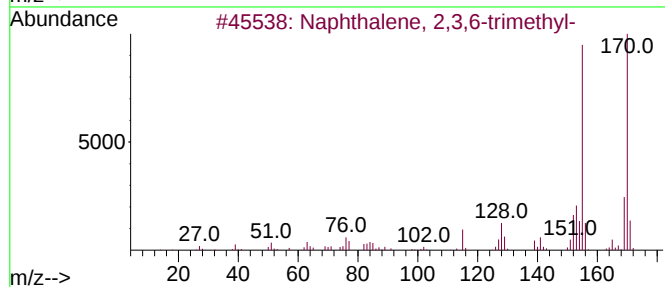
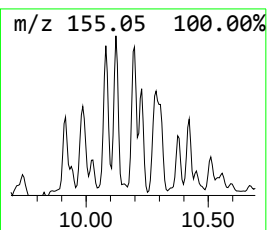
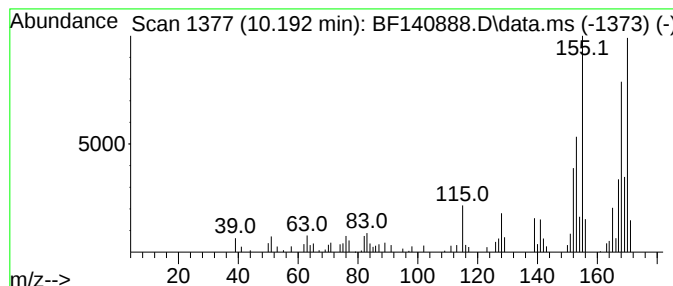
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	3.94 ng	69460	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49



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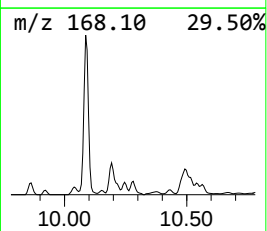
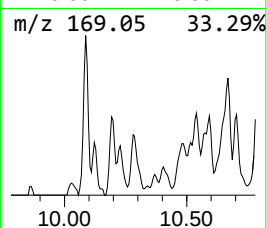
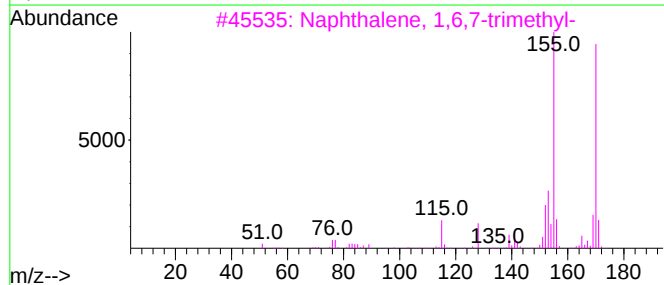
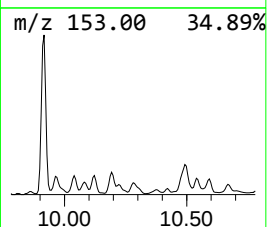
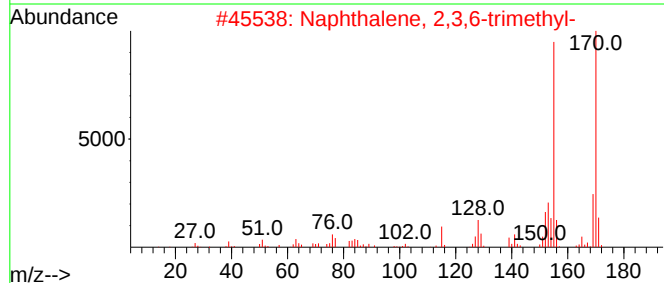
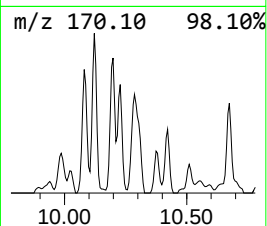
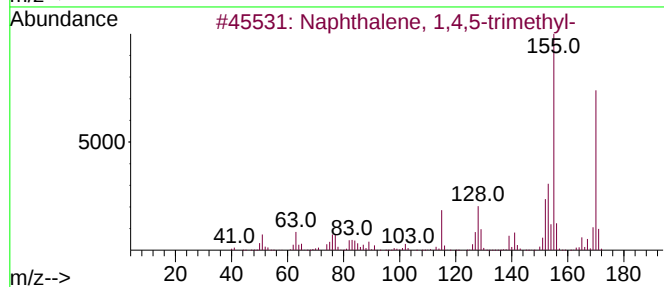
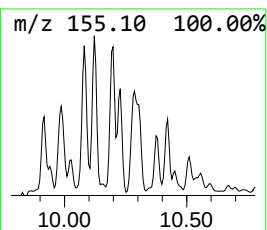
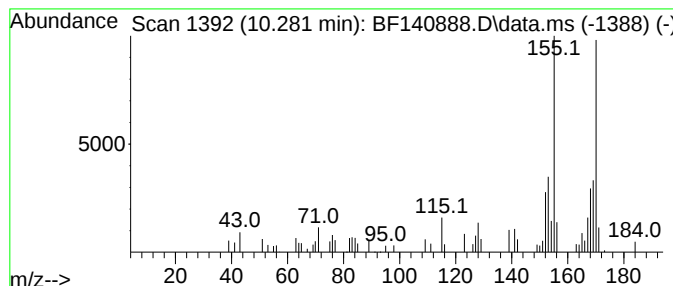
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	3.49 ng	61446	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

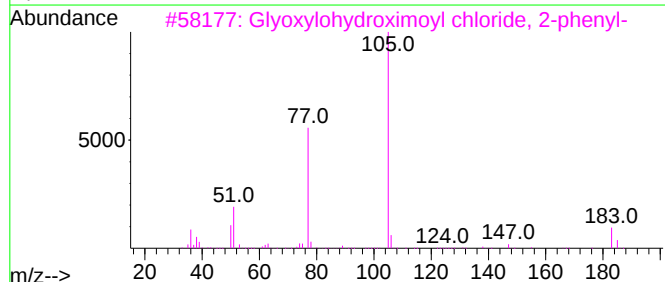
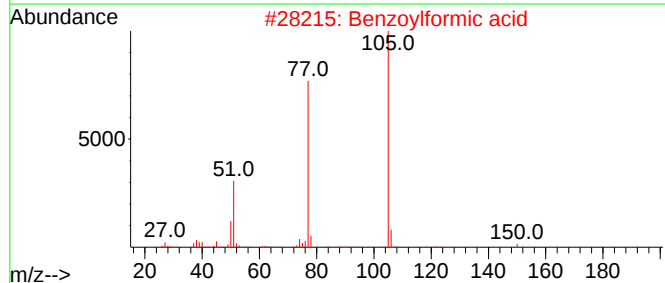
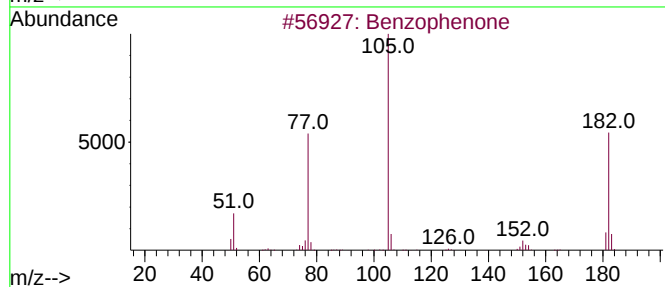
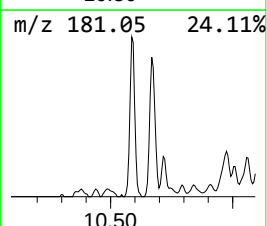
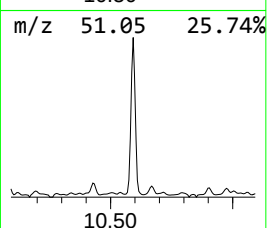
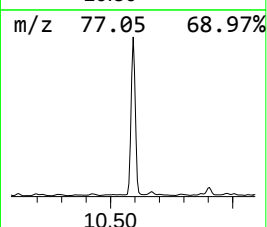
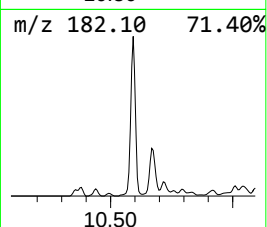
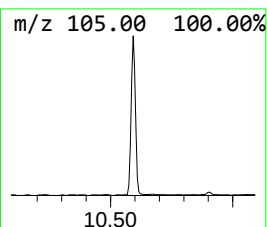
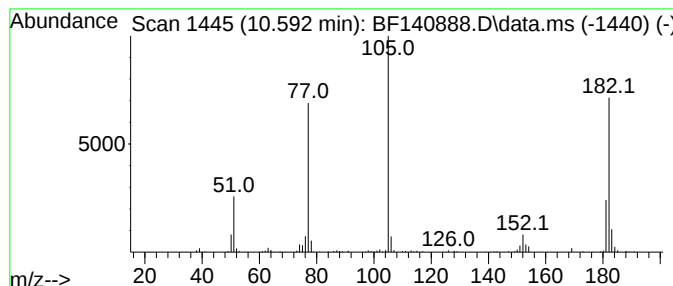
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	16.03 ng	282287	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzoylformic acid	150	C8H6O3	000611-73-4	43
3			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

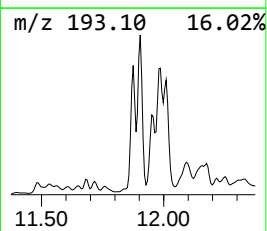
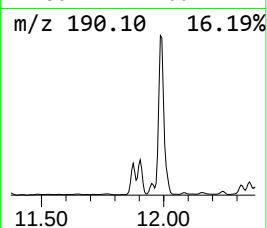
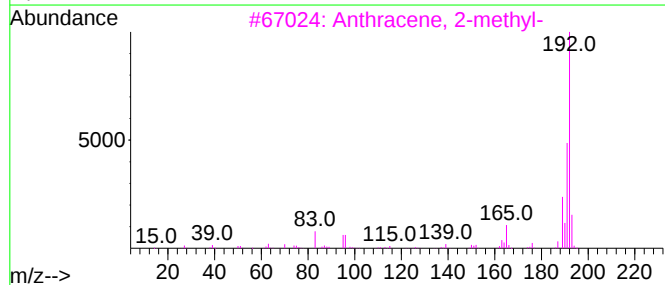
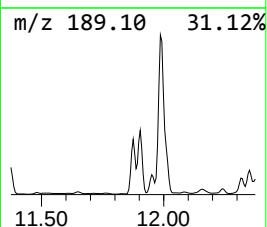
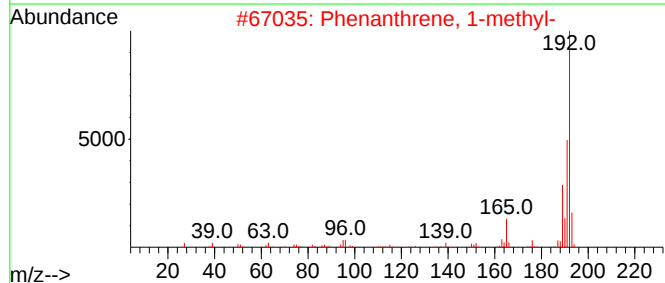
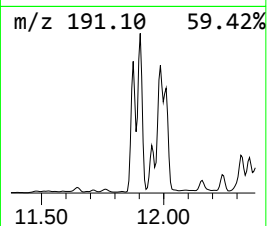
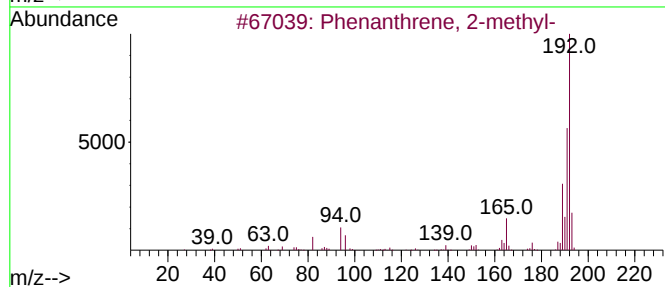
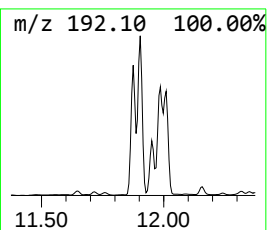
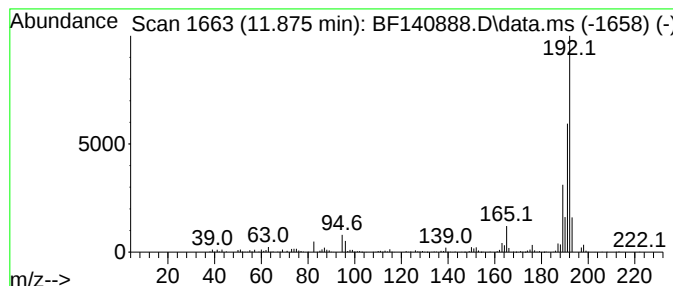
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	4.95 ng	495478	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-12122024

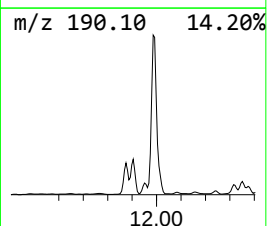
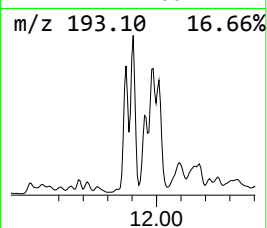
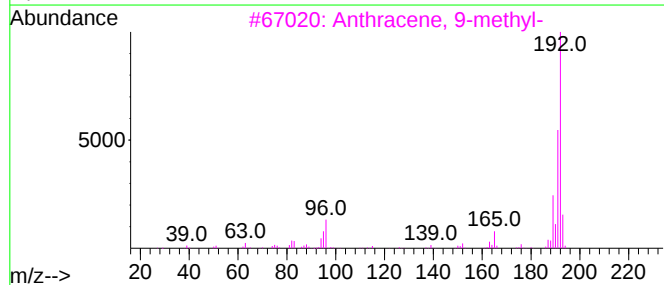
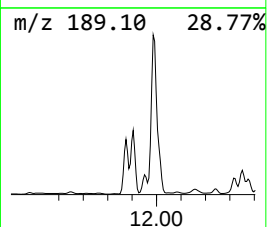
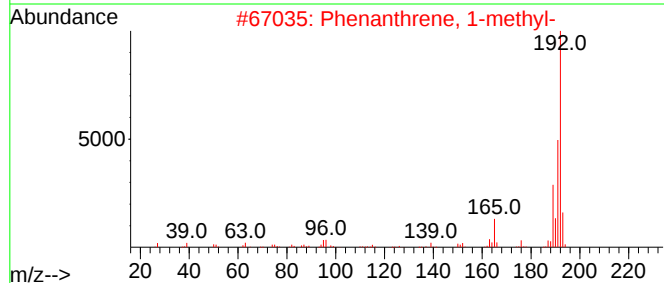
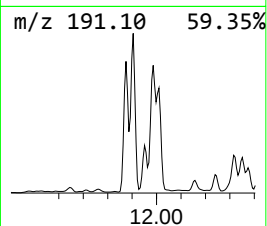
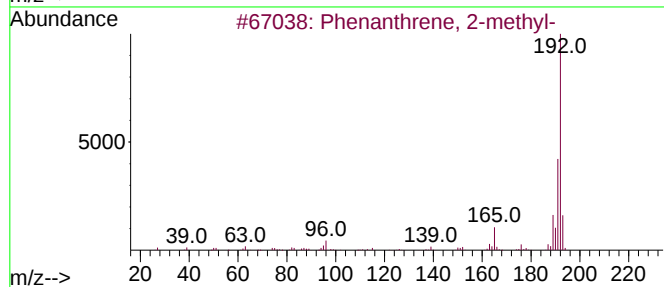
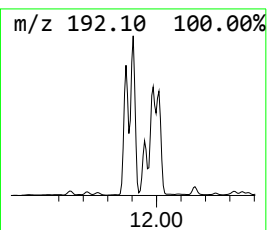
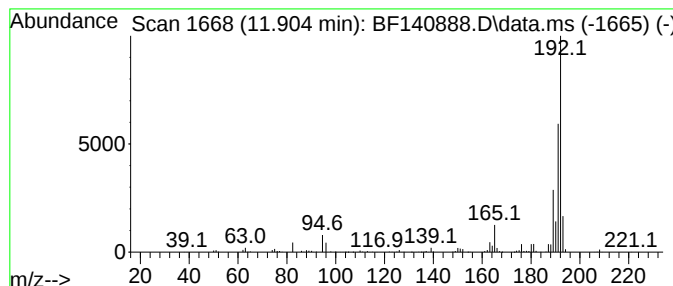
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.14 ng	613763	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-12122024

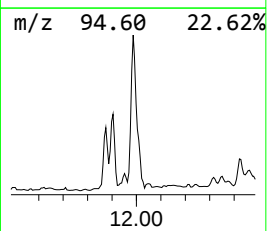
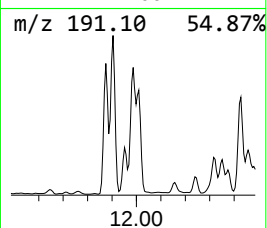
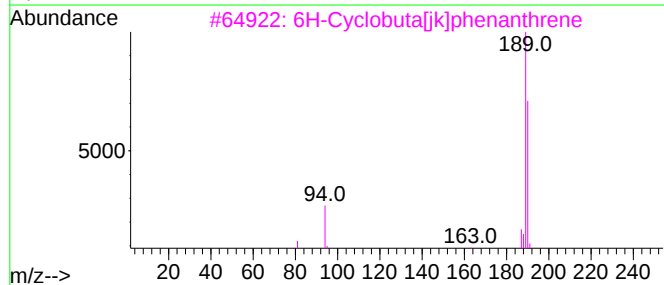
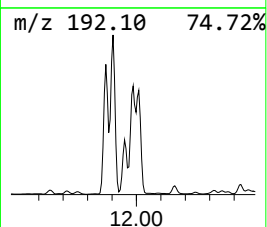
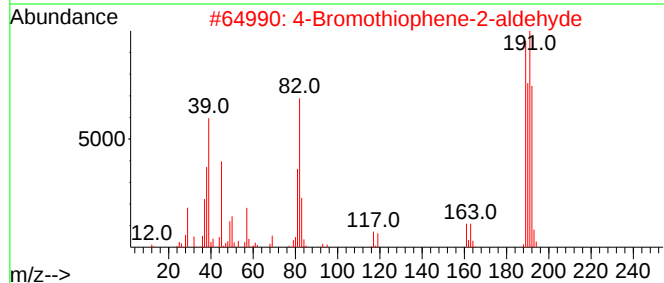
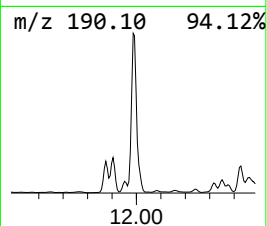
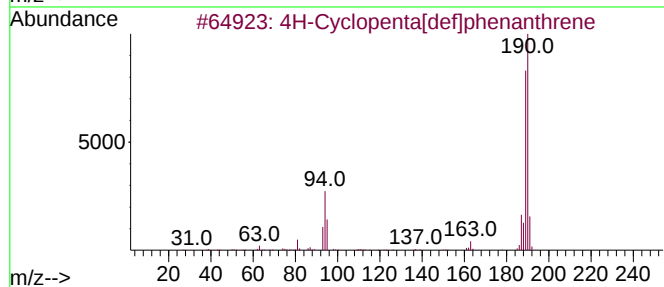
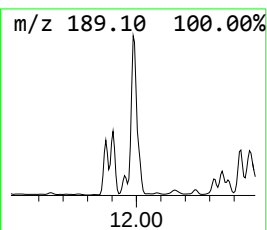
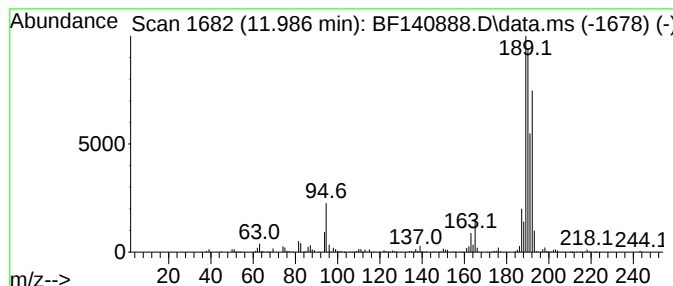
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	10.63 ng	1062750	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5			3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

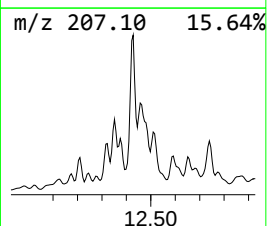
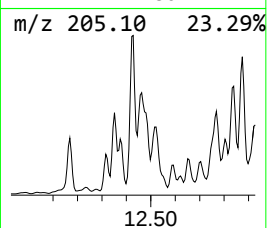
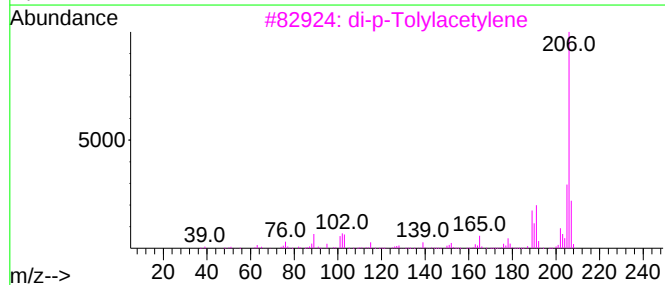
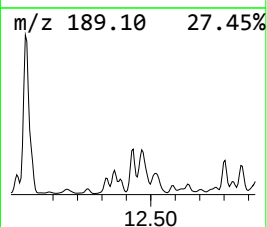
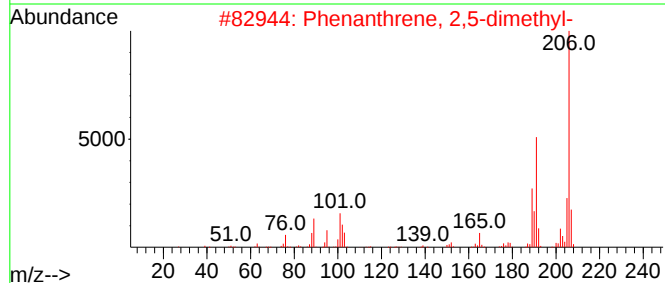
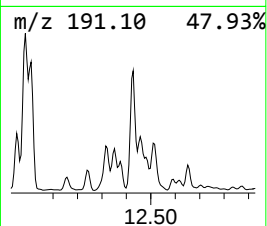
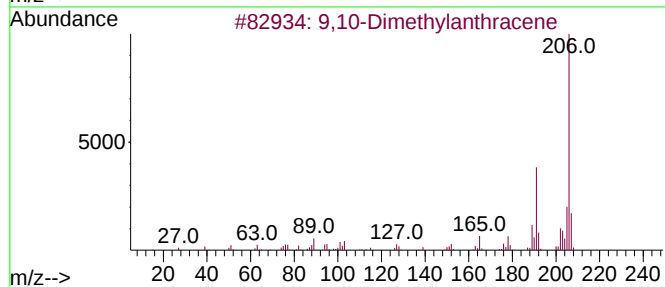
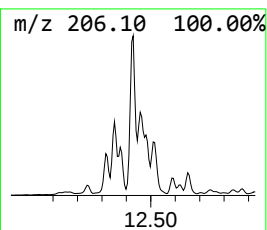
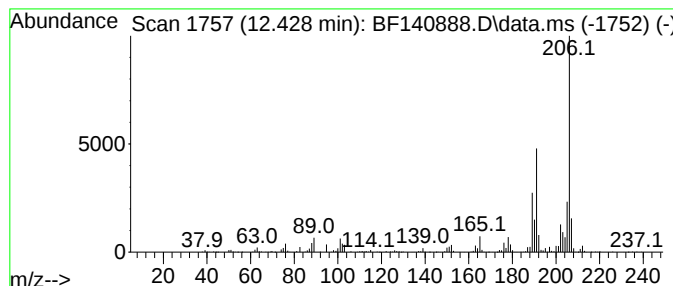
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	5.65 ng	564548	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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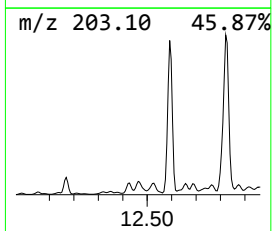
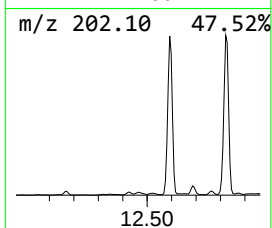
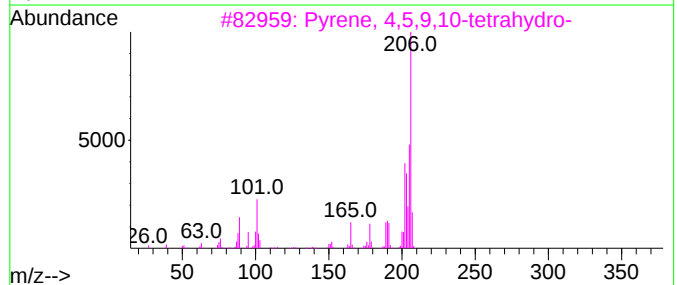
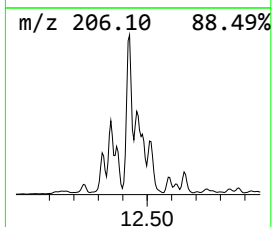
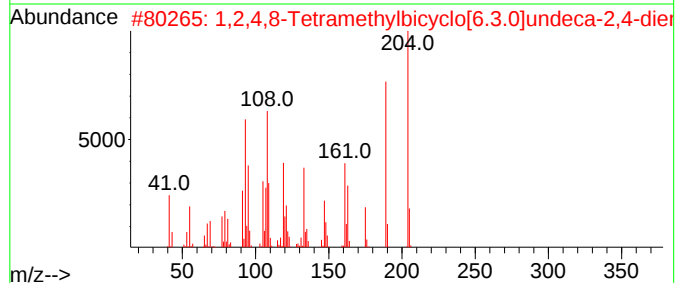
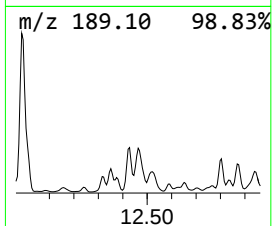
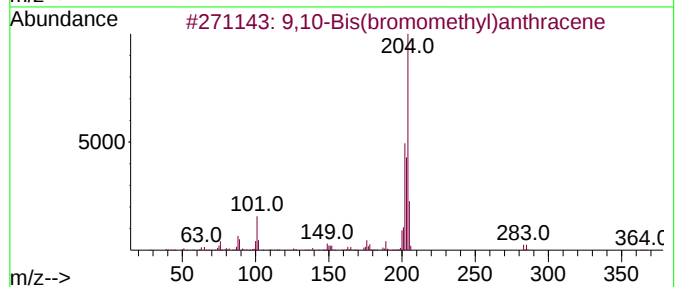
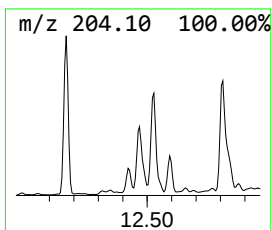
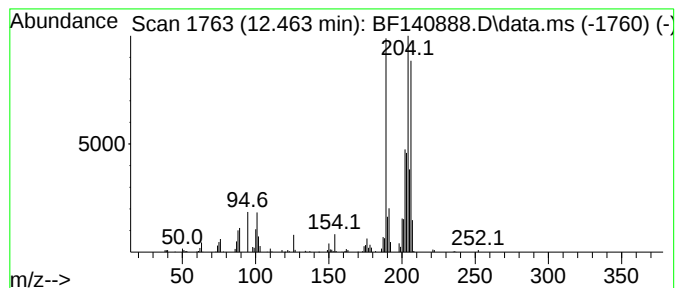
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.463 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.89 ng	389098	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43	
2	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	38	
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38	
4	Acphenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38	
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-12122024

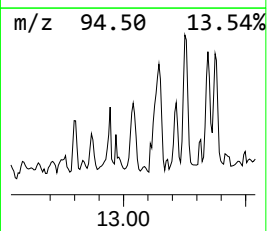
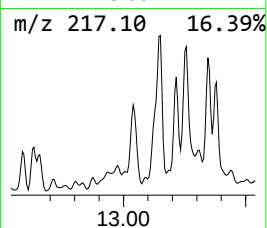
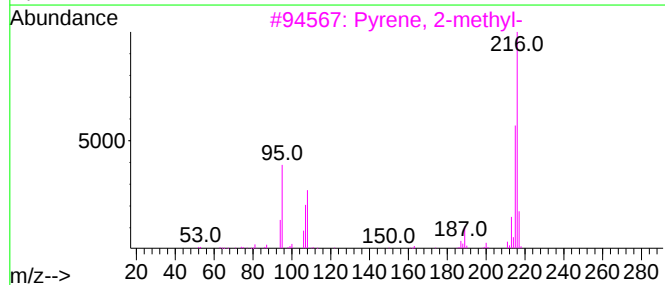
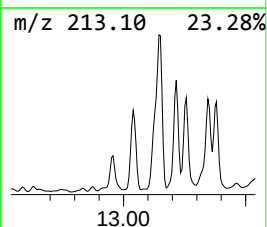
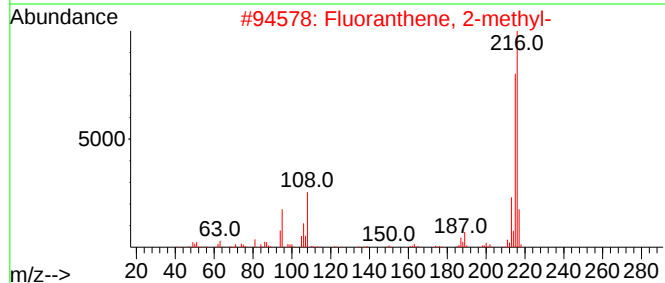
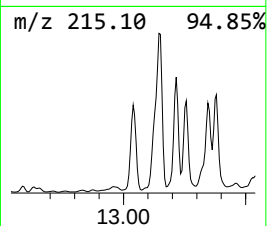
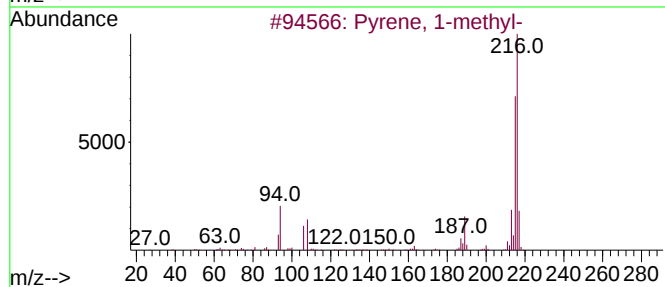
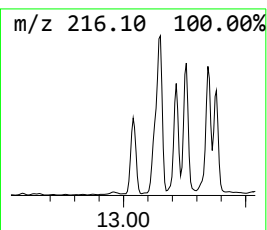
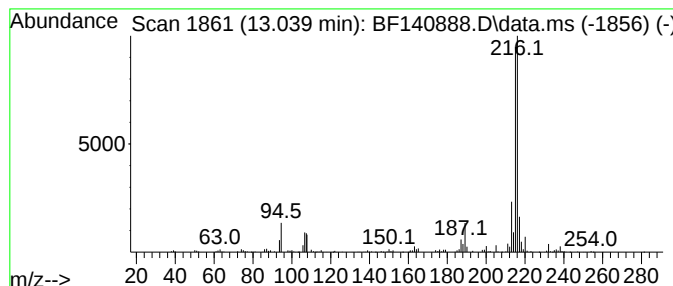
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	3.92 ng	324123	Chrysene-d12	14.027

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			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
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Instrument :
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ClientSampleId :
OR-02-12122024

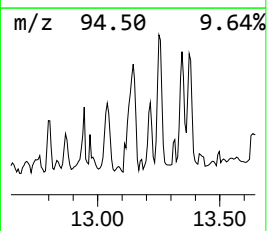
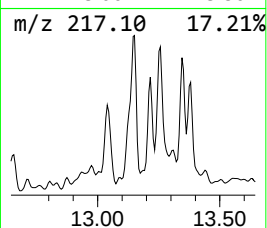
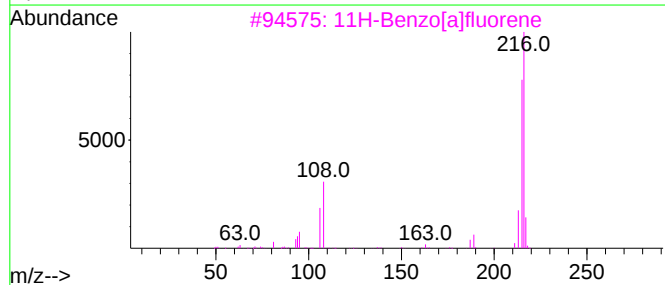
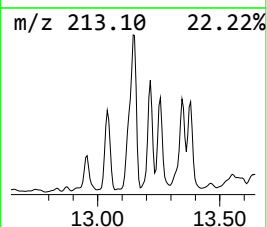
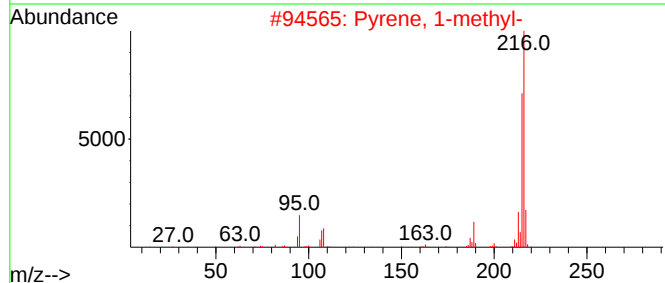
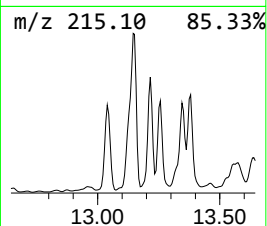
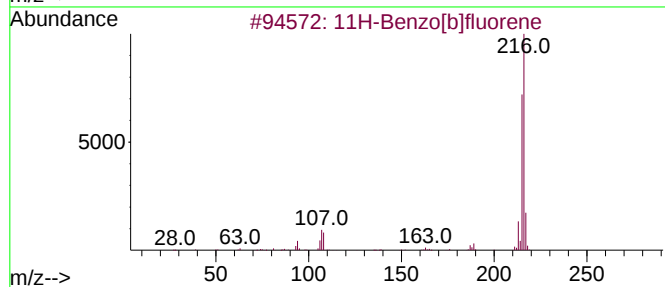
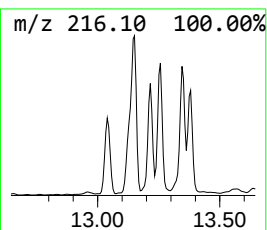
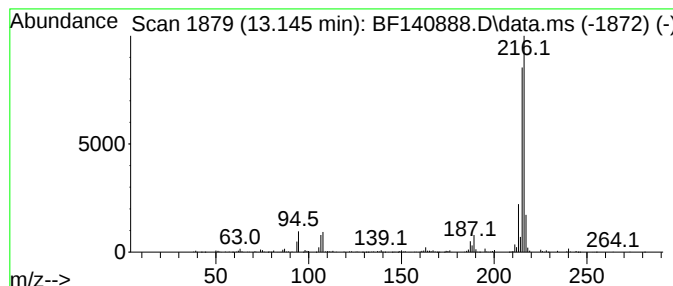
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	7.57 ng	626634	Chrysene-d12	14.027

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	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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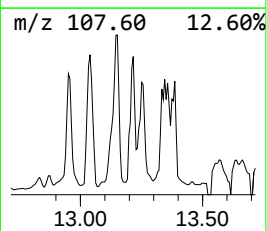
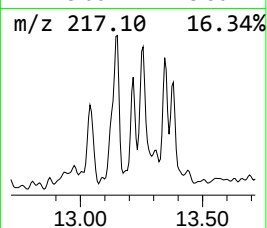
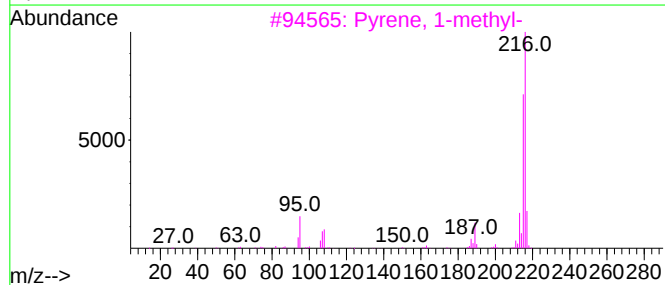
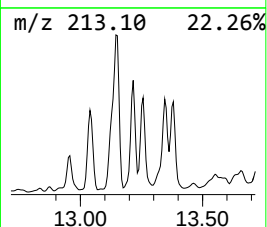
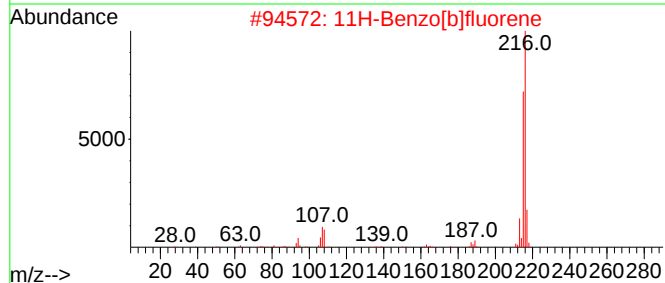
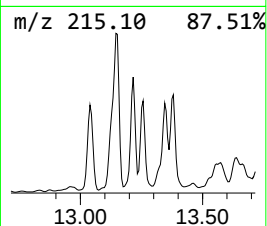
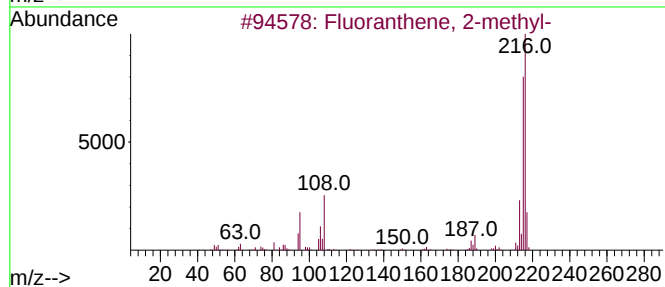
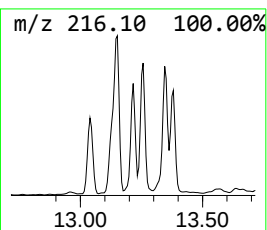
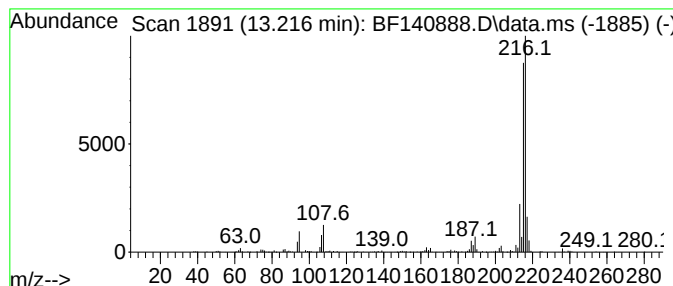
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	4.03 ng	333082	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

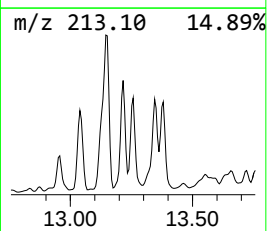
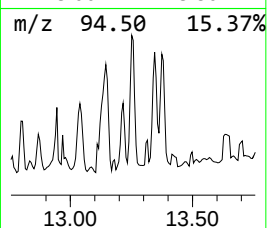
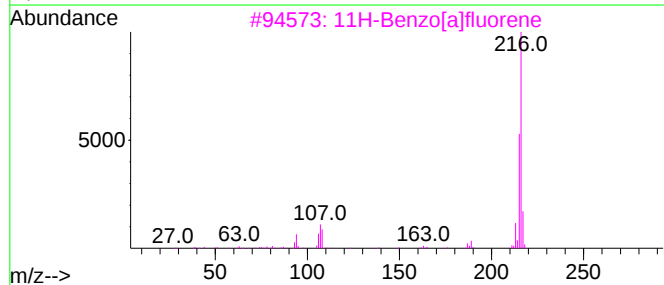
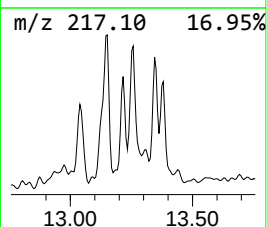
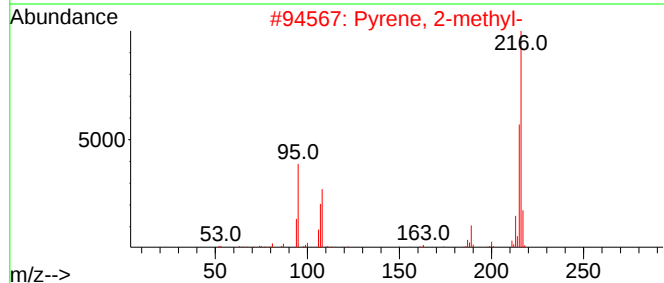
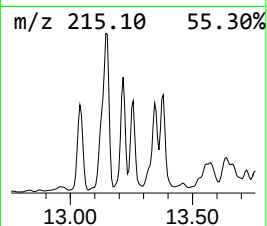
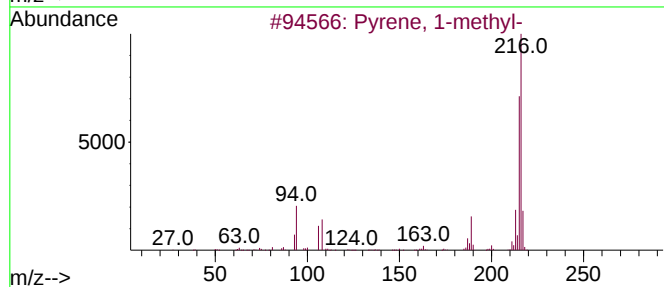
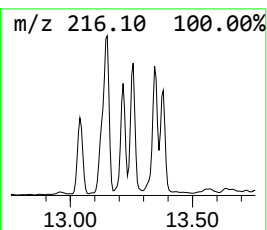
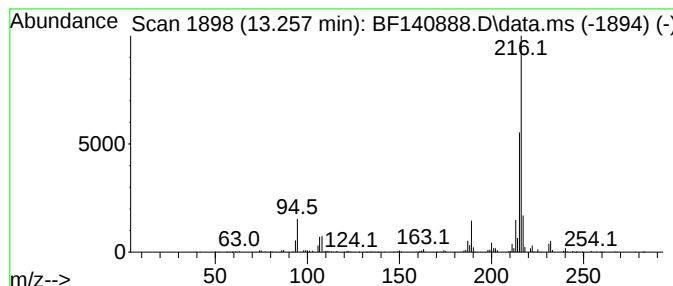
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	5.45 ng	450570	Chrysene-d12	14.027

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-12122024

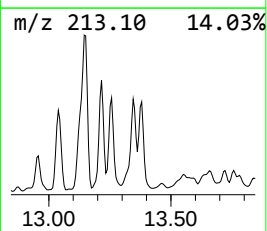
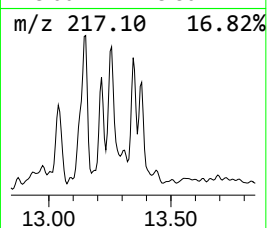
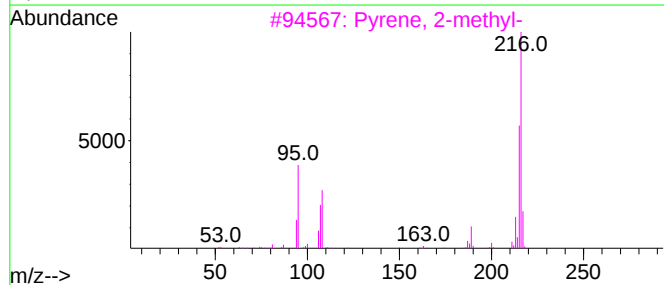
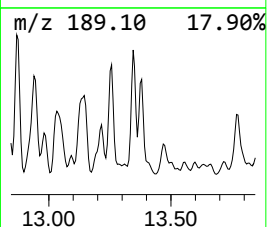
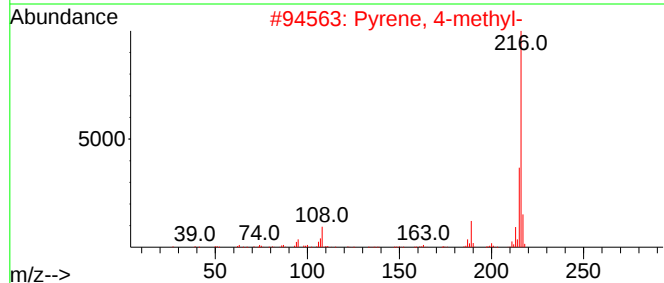
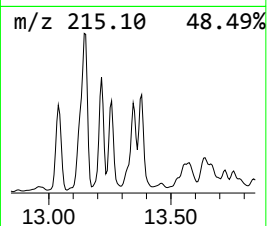
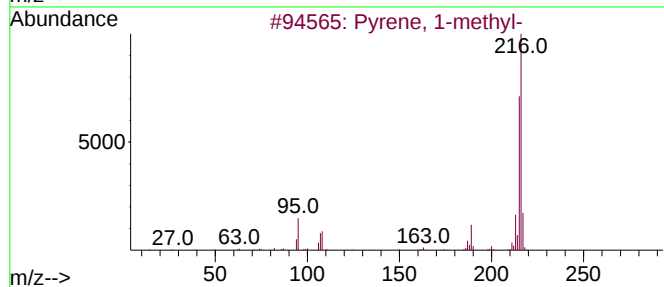
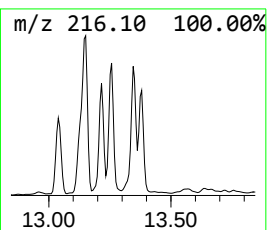
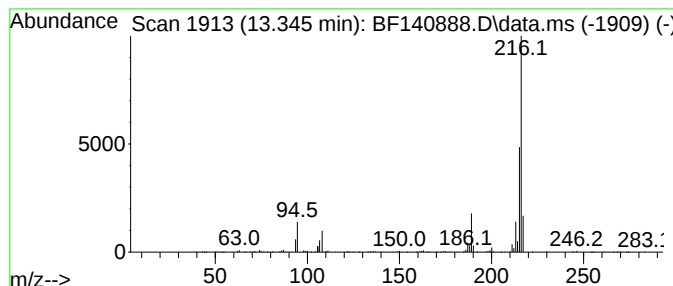
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	4.04 ng	334583	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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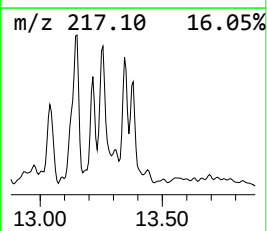
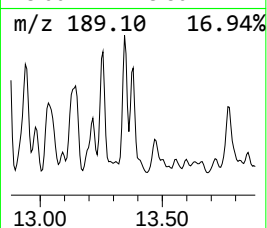
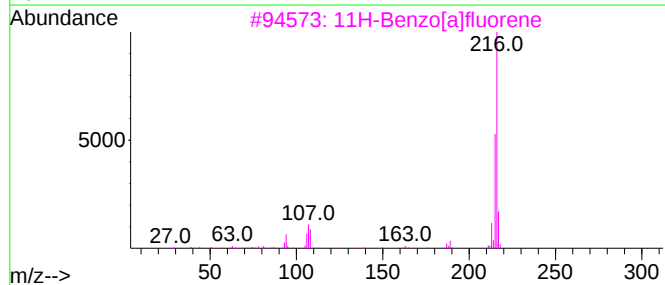
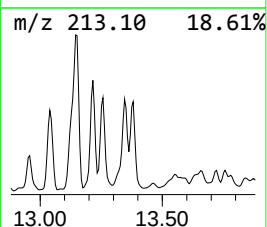
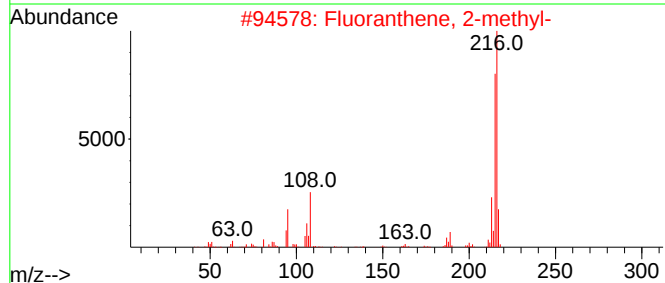
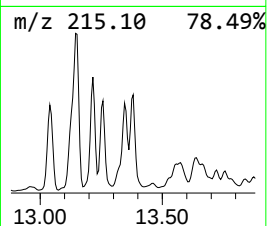
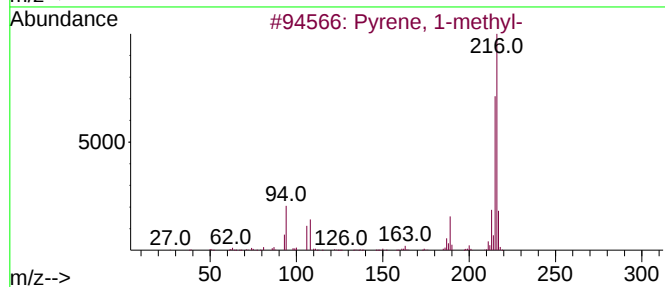
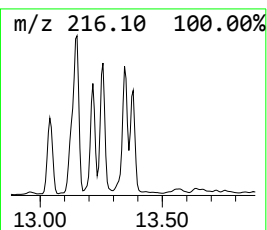
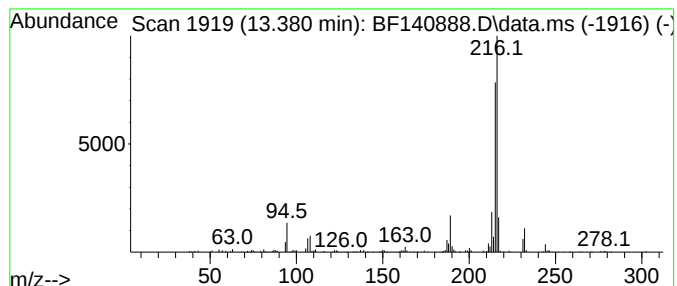
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	4.27 ng	353609	Chrysene-d12	14.027

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	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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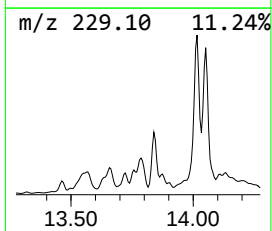
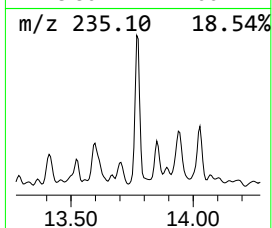
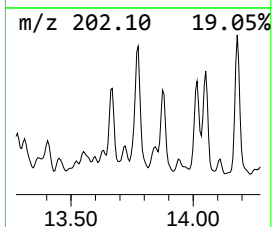
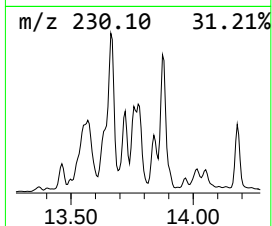
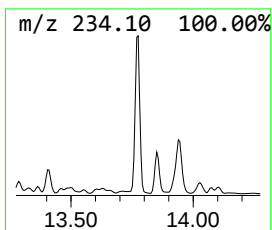
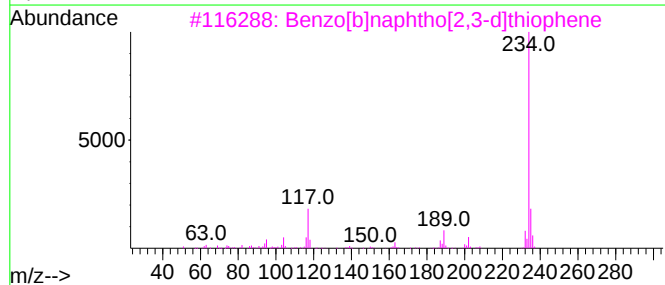
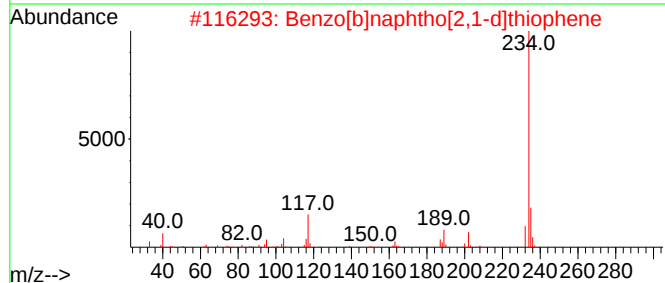
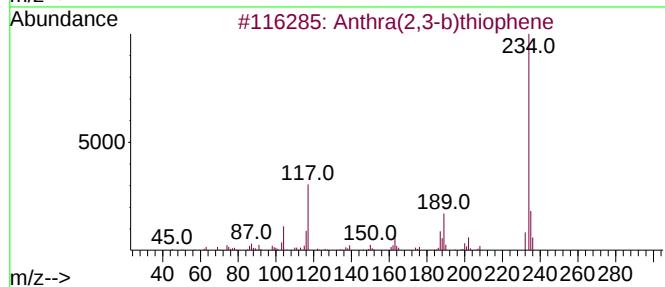
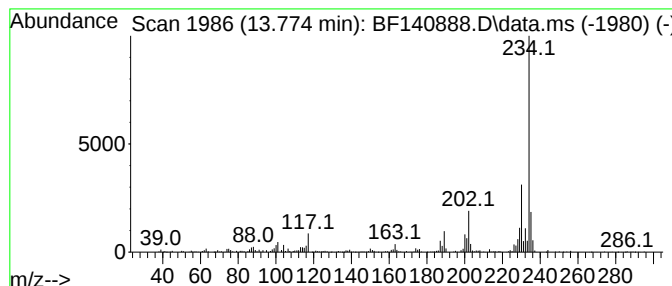
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthra(2,3-b)thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	6.89 ng	569938	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	83
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5			4H-Chromene-3-carboxylic acid et...	277	C15H19NO4	1000303-29-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

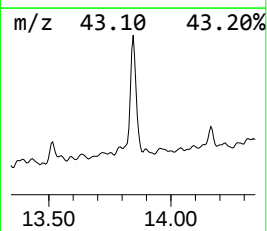
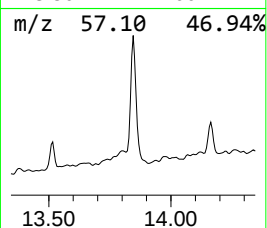
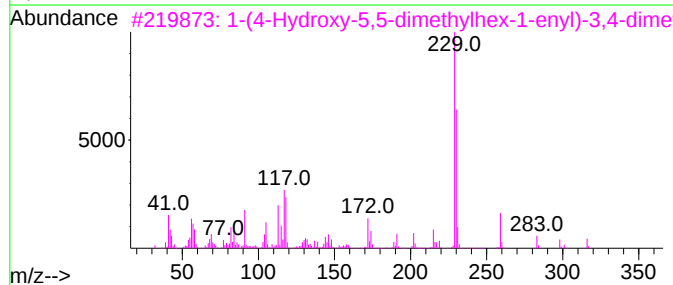
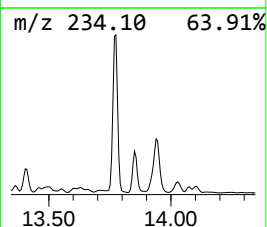
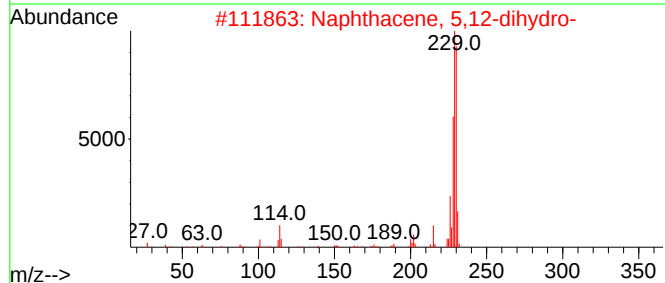
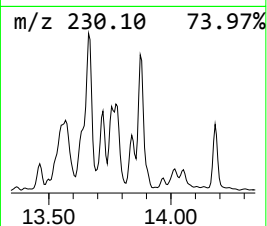
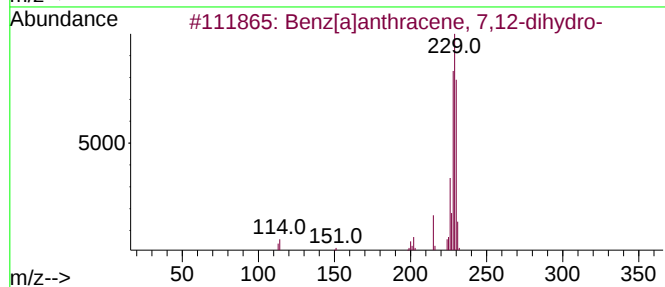
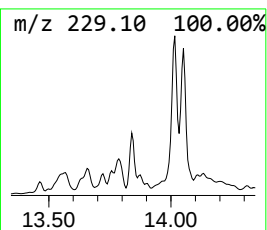
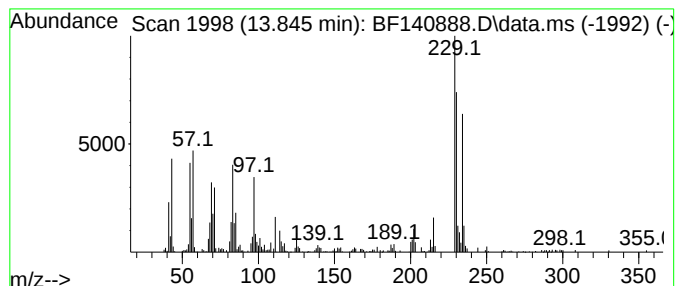
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7,12-dih... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.32 ng	275082	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	76
2			Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	53
3			1-(4-Hydroxy-5,5-dimethylhex-1-e...)	316	C19H28N2O2	1000210-26-7	43
4			o-Terphenyl	230	C18H14	000084-15-1	42
5			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

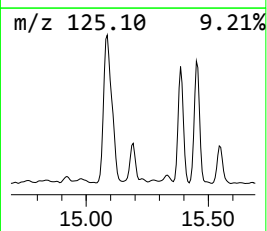
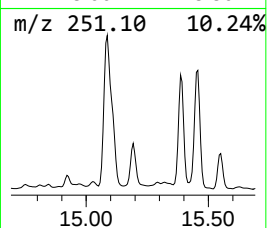
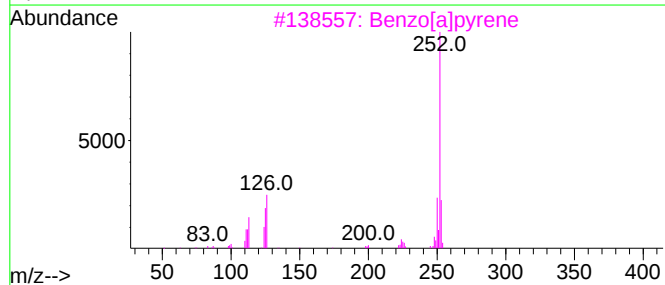
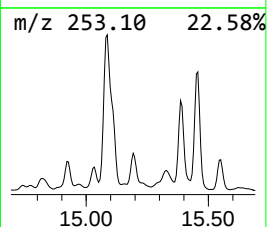
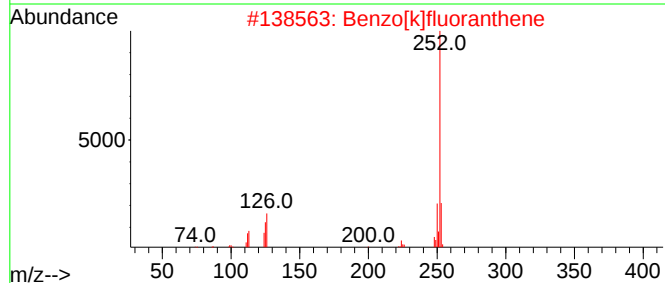
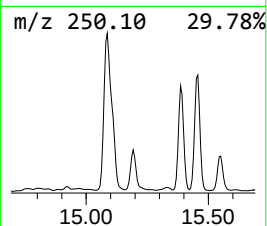
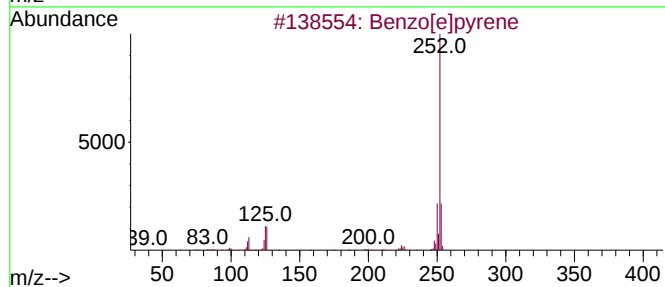
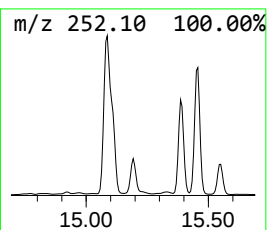
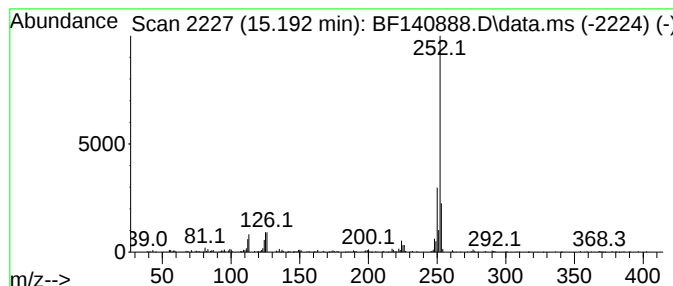
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	10.62 ng	148467	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5			Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140888.D
Acq On : 17 Dec 2024 16:30
Operator : RC/JU
Sample : P5268-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-12122024

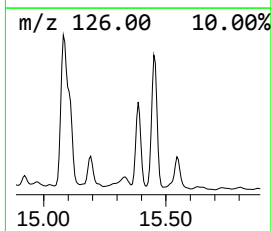
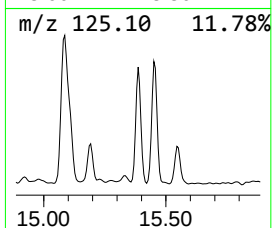
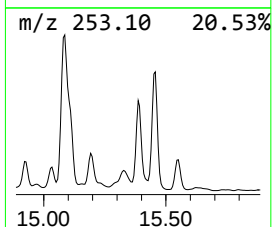
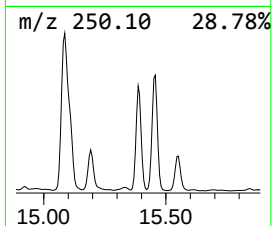
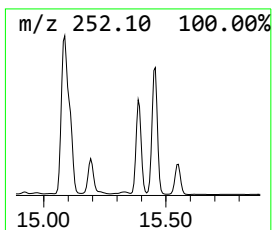
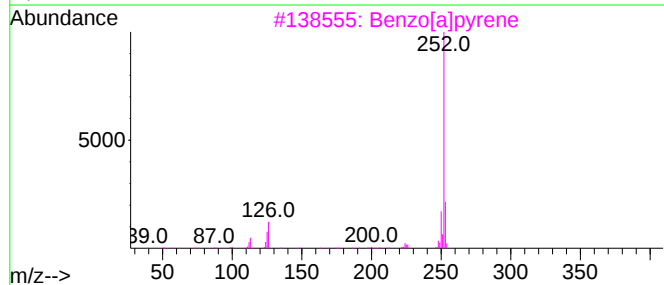
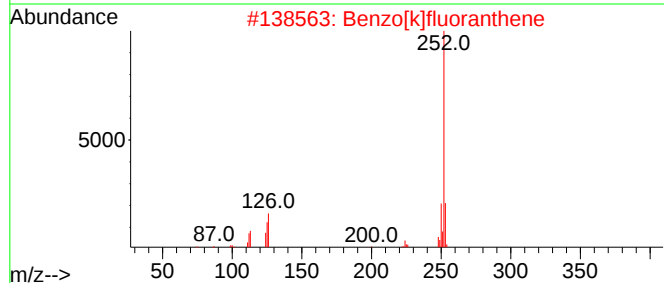
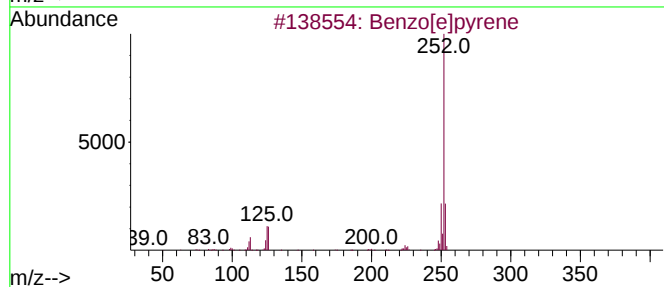
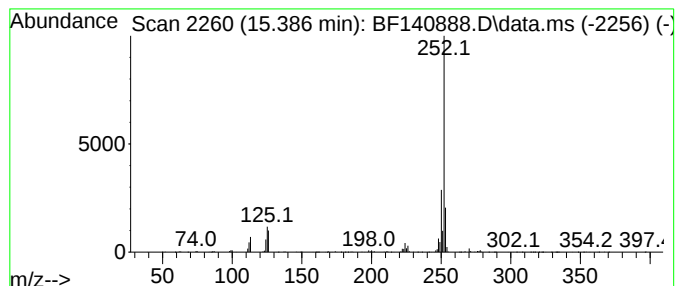
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.386	38.81 ng	542554	Perylene-d12	15.515

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	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140888.D
 Acq On : 17 Dec 2024 16:30
 Operator : RC/JU
 Sample : P5268-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-12122024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.122	101.1	ng	1293800	1	6.851	255925	20.0
Naphthalene, 2,...	9.539	4.5	ng	79547	3	9.881	352182	20.0
Naphthalene, 2,...	10.192	3.9	ng	69460	3	9.881	352182	20.0
Naphthalene, 1,...	10.281	3.5	ng	61446	3	9.881	352182	20.0
Benzophenone	10.592	16.0	ng	282287	3	9.881	352182	20.0
Phenanthrene, 2...	11.875	5.0	ng	495478	4	11.375	2000050	20.0
Phenanthrene, 1...	11.904	6.1	ng	613763	4	11.375	2000050	20.0
4H-Cyclopenta[d...	11.986	10.6	ng	1062750	4	11.375	2000050	20.0
9,10-Dimethylan...	12.428	5.7	ng	564548	4	11.375	2000050	20.0
unknown12.463	12.463	3.9	ng	389098	4	11.375	2000050	20.0
Pyrene, 1-methyl-	13.039	3.9	ng	324123	5	14.027	1654850	20.0
11H-Benzo[b]flu...	13.145	7.6	ng	626634	5	14.027	1654850	20.0
Fluoranthene, 2...	13.216	4.0	ng	333082	5	14.027	1654850	20.0
Pyrene, 2-methyl-	13.257	5.5	ng	450570	5	14.027	1654850	20.0
Pyrene, 4-methyl-	13.345	4.0	ng	334583	5	14.027	1654850	20.0
11H-Benzo[a]flu...	13.380	4.3	ng	353609	5	14.027	1654850	20.0
Anthra(2,3-b)th...	13.775	6.9	ng	569938	5	14.027	1654850	20.0
Benz[a]anthrace...	13.845	3.3	ng	275082	5	14.027	1654850	20.0
Benzo[e]pyrene	15.192	10.6	ng	148467	6	15.515	279586	20.0
Perylene	15.386	38.8	ng	542554	6	15.515	279586	20.0