

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140699.D
 Acq On : 02 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5045-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-11222024

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-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	4	11	24	rVB	749717	1178419	39.04%	2.932%
2	2.263	24	29	40	rVB	31670	53041	1.76%	0.132%
3	5.093	505	510	525	rVB	76202	121202	4.02%	0.302%
4	5.504	574	580	603	rBV	1215478	1701113	56.36%	4.233%
5	6.510	745	751	777	rBV	1263703	1793170	59.41%	4.462%
6	6.869	807	812	819	rBV	430416	526791	17.45%	1.311%
7	7.434	902	908	918	rBV	859491	1149036	38.07%	2.859%
8	7.687	944	951	962	rBV3	13988	31576	1.05%	0.079%
9	8.151	1022	1030	1041	rBV	531073	770182	25.52%	1.917%
10	8.963	1163	1168	1174	rBV2	29886	46508	1.54%	0.116%
11	9.222	1207	1212	1221	rBV	1726808	2189946	72.56%	5.450%
12	9.298	1221	1225	1228	rBV	52368	66424	2.20%	0.165%
13	9.563	1263	1270	1273	rBV3	35714	73684	2.44%	0.183%
14	9.610	1275	1278	1282	rVB3	33456	51062	1.69%	0.127%
15	9.681	1287	1290	1300	rVB3	35393	64272	2.13%	0.160%
16	9.769	1300	1305	1309	rBV	69712	104828	3.47%	0.261%
17	9.828	1310	1315	1319	rVV	81196	119833	3.97%	0.298%
18	9.904	1323	1328	1332	rVV	615490	837152	27.74%	2.083%
19	9.934	1332	1333	1342	rVB	122112	151565	5.02%	0.377%
20	10.063	1350	1355	1357	rBV4	27805	48788	1.62%	0.121%
21	10.110	1360	1363	1366	rVV2	77963	98752	3.27%	0.246%
22	10.145	1366	1369	1374	rVB3	42189	57147	1.89%	0.142%
23	10.222	1378	1382	1385	rBV3	38941	65143	2.16%	0.162%
24	10.328	1393	1400	1404	rBV2	126161	204780	6.78%	0.510%
25	10.457	1417	1422	1427	rBV	129703	192312	6.37%	0.479%
26	10.545	1433	1437	1443	rVB2	75489	122850	4.07%	0.306%
27	10.616	1444	1449	1455	rVV	235506	329988	10.93%	0.821%
28	10.698	1458	1463	1474	rVV	897594	1229776	40.75%	3.060%
29	10.804	1476	1481	1489	rVB	173671	327686	10.86%	0.815%
30	11.004	1510	1515	1517	rBV3	55854	92911	3.08%	0.231%
31	11.128	1532	1536	1538	rBV3	50294	77984	2.58%	0.194%
32	11.245	1552	1556	1559	rBV2	149110	204783	6.78%	0.510%
33	11.286	1559	1563	1569	rVB2	99823	192651	6.38%	0.479%
34	11.398	1577	1582	1583	rBV	580667	729568	24.17%	1.816%
35	11.422	1583	1586	1590	rVV	1099100	1362597	45.15%	3.391%
36	11.469	1590	1594	1599	rVV	316294	415429	13.76%	1.034%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	11.633	1617	1622	1626	rBV3	76093	136061	4.51%	0.339%
38	11.675	1626	1629	1635	rVB2	106648	157950	5.23%	0.393%
39	11.898	1663	1667	1668	rBV	159742	178632	5.92%	0.445%
40	11.928	1668	1672	1676	rVV2	295914	454933	15.07%	1.132%
41	11.975	1676	1680	1683	rVV	116770	172199	5.71%	0.429%
42	12.010	1683	1686	1695	rVB	351715	620444	20.56%	1.544%
43	12.080	1695	1698	1704	rBV	93029	126814	4.20%	0.316%
44	12.192	1714	1717	1720	rBV	106410	123571	4.09%	0.308%
45	12.228	1720	1723	1727	rVB2	55773	68001	2.25%	0.169%
46	12.375	1745	1748	1750	rBV2	34784	35991	1.19%	0.090%
47	12.445	1756	1760	1763	rBV	132934	208429	6.91%	0.519%
48	12.480	1763	1766	1773	rVV2	124178	240354	7.96%	0.598%
49	12.539	1773	1776	1784	rVB3	127333	201223	6.67%	0.501%
50	12.616	1784	1789	1794	rBV	2193444	2906604	96.30%	7.233%
51	12.763	1811	1814	1821	rVB	89809	150519	4.99%	0.375%
52	12.845	1821	1828	1833	rBV	1837562	3018184	100.00%	7.511%
53	12.892	1833	1836	1841	rVB2	107242	144883	4.80%	0.361%
54	12.980	1844	1851	1859	rVB	1297068	1867794	61.88%	4.648%
55	13.063	1859	1865	1870	rBV2	176208	325239	10.78%	0.809%
56	13.169	1876	1883	1887	rBV	290933	532156	17.63%	1.324%
57	13.239	1891	1895	1898	rVV	212011	264586	8.77%	0.658%
58	13.275	1898	1901	1908	rVB3	193125	299797	9.93%	0.746%
59	13.369	1914	1917	1920	rBV2	95484	125088	4.14%	0.311%
60	13.404	1920	1923	1930	rVB3	116938	192727	6.39%	0.480%
61	13.657	1963	1966	1968	rBV	47590	63970	2.12%	0.159%
62	13.686	1968	1971	1976	rVB	130874	168897	5.60%	0.420%
63	13.792	1985	1989	1992	rBV	174357	271718	9.00%	0.676%
64	13.851	1996	1999	2004	rVV3	82977	172657	5.72%	0.430%
65	14.039	2024	2031	2034	rBV2	1230413	2083064	69.02%	5.184%
66	14.074	2034	2037	2044	rVB	922258	1261219	41.79%	3.139%
67	14.151	2047	2050	2054	rVB	171459	204372	6.77%	0.509%
68	14.398	2089	2092	2094	rBV	56642	74653	2.47%	0.186%
69	14.433	2094	2098	2101	rVV	155552	207885	6.89%	0.517%
70	14.939	2181	2184	2191	rVB2	74730	110320	3.66%	0.275%
71	15.104	2206	2212	2223	rBV	861456	2065098	68.42%	5.139%
72	15.210	2227	2230	2236	rVB	146546	202757	6.72%	0.505%
73	15.410	2259	2264	2270	rVB	433623	677499	22.45%	1.686%
74	15.474	2270	2275	2281	rVV	683848	1072393	35.53%	2.669%
75	15.539	2281	2286	2289	rVV	292280	501972	16.63%	1.249%
76	15.568	2289	2291	2301	rVB2	206358	314953	10.44%	0.784%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.974	2357	2360	2366	rVB2	51760	87442	2.90%	0.218%
78	17.045	2536	2542	2553	rBV2	265251	573604	19.00%	1.427%
79	17.227	2569	2573	2578	rBV	39433	72883	2.41%	0.181%
80	17.504	2614	2620	2630	rVB	207855	459043	15.21%	1.142%
81	17.757	2658	2663	2680	rVB2	68133	203327	6.74%	0.506%

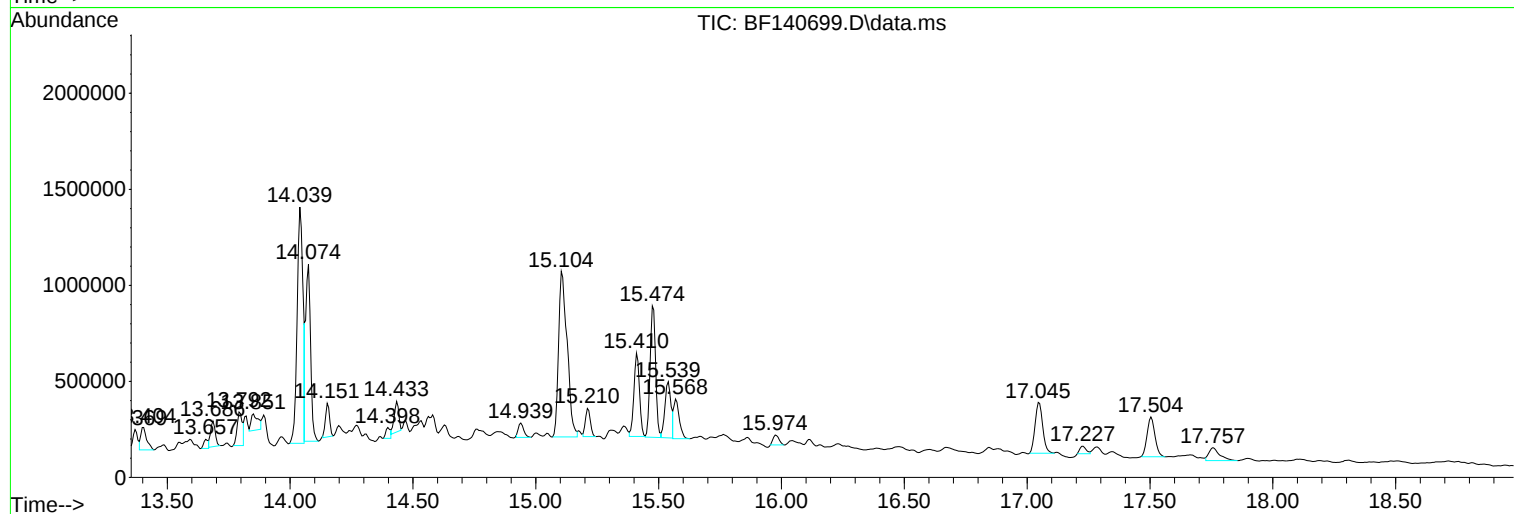
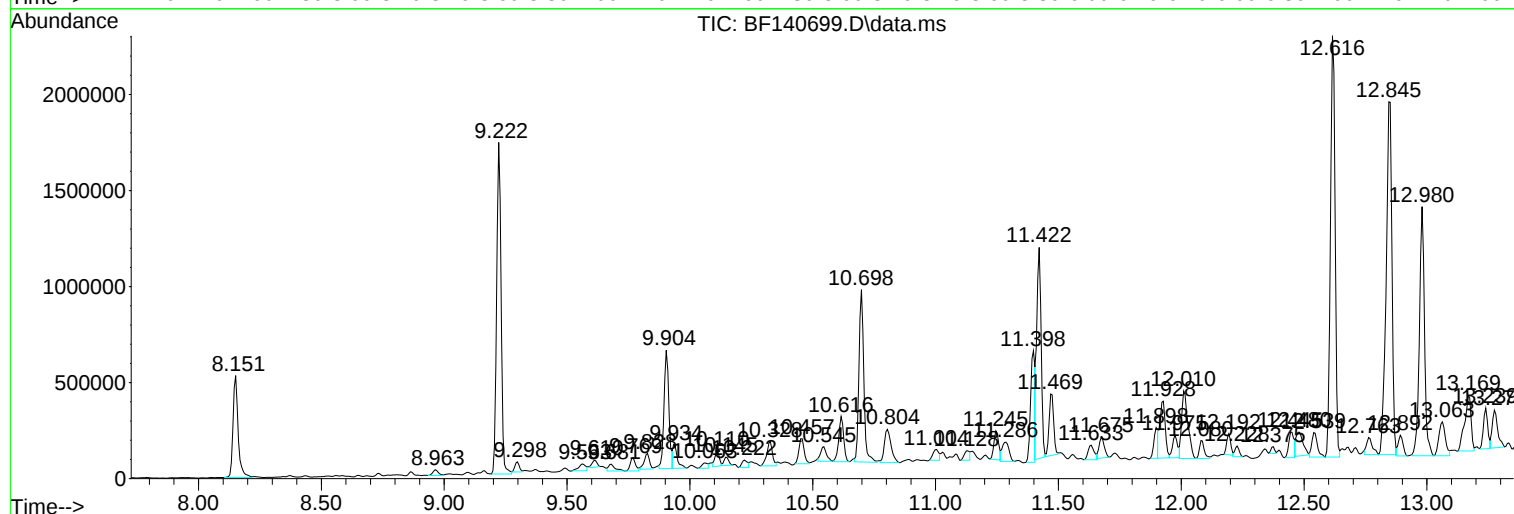
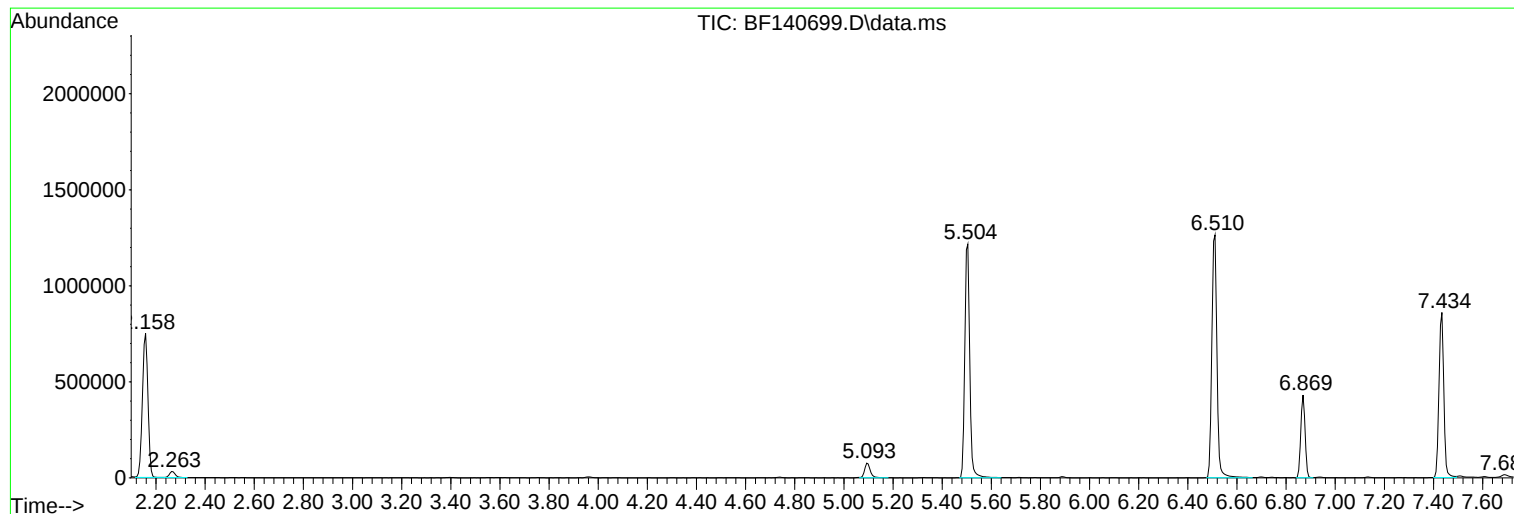
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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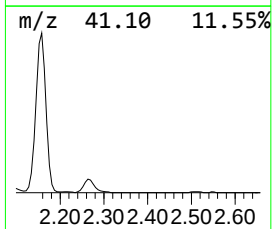
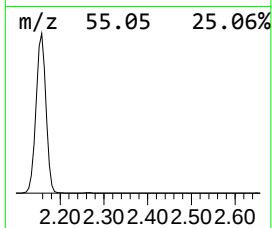
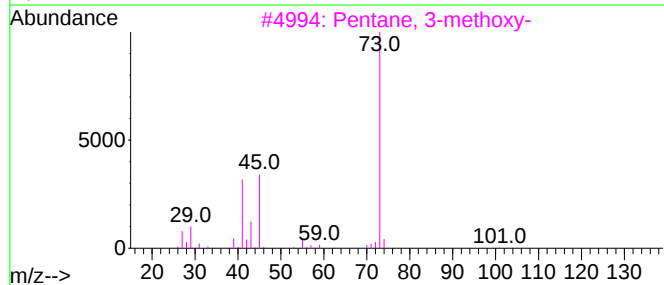
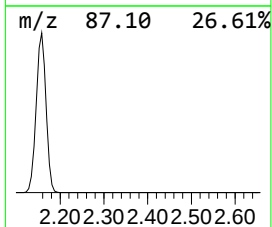
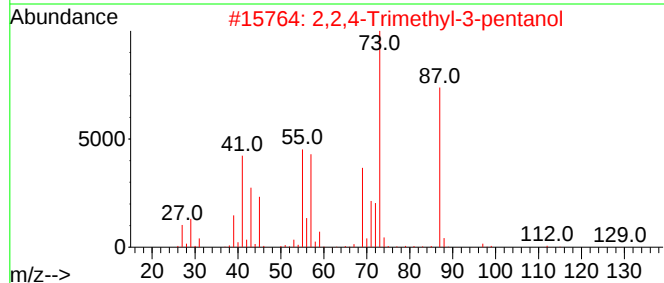
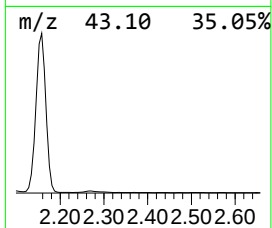
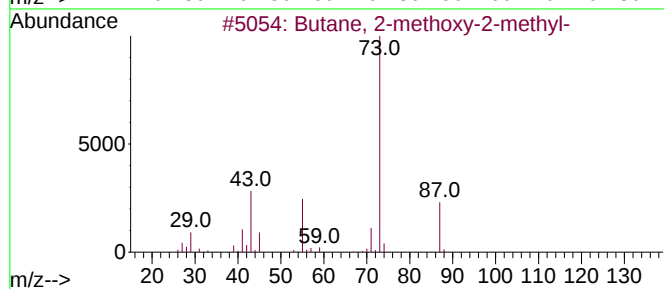
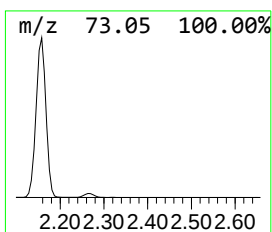
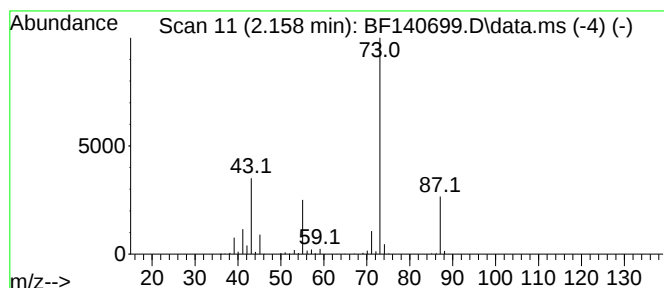
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	44.74 ng	1178420	1,4-Dichlorobenzene-d4	6.869

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	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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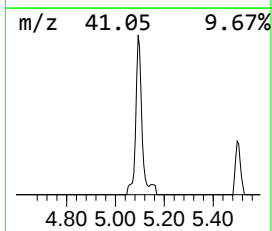
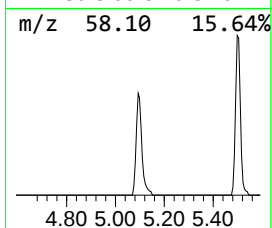
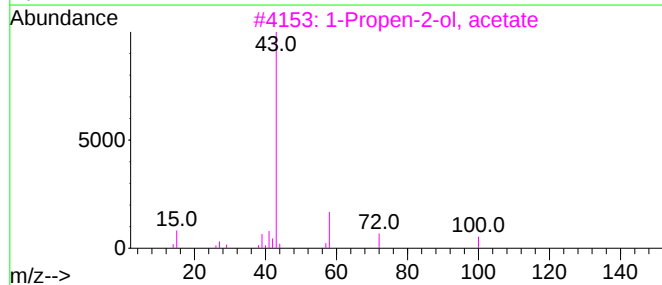
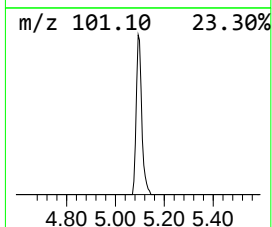
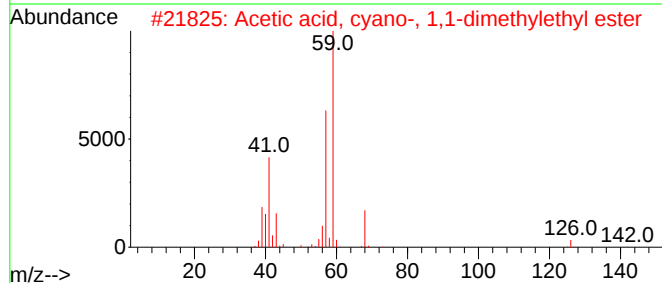
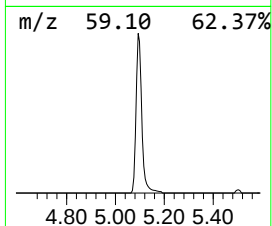
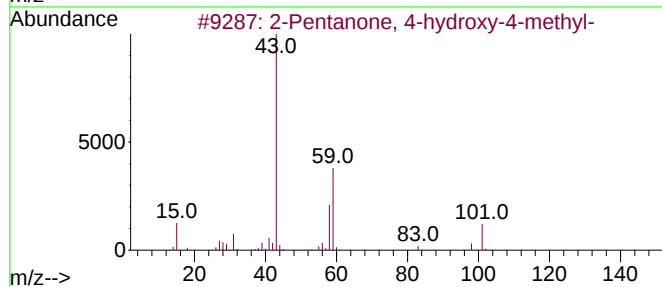
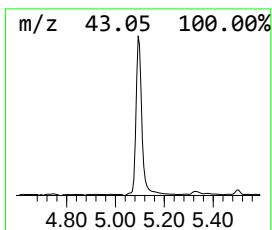
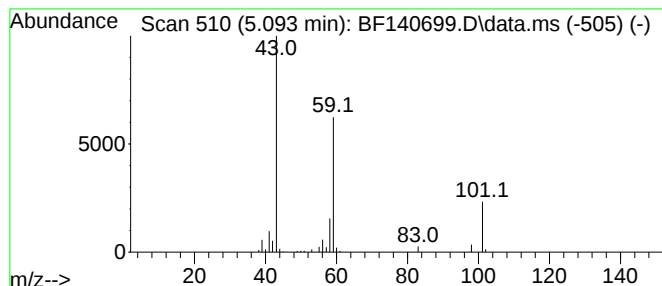
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	4.60 ng	121202	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Acetone	58	C3H6O	000067-64-1	10
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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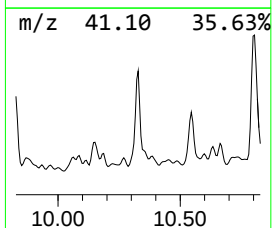
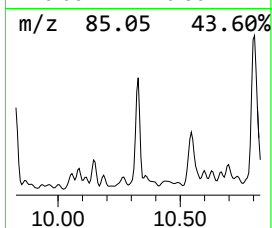
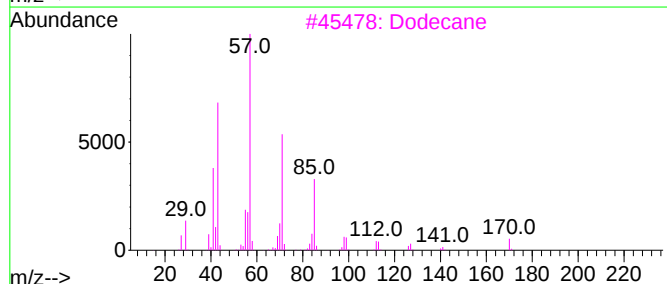
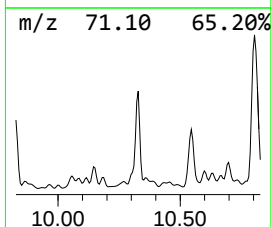
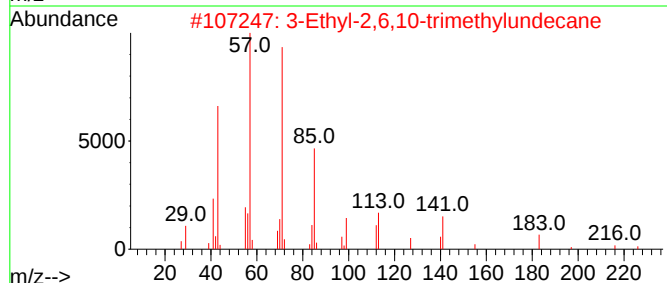
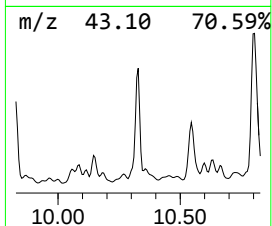
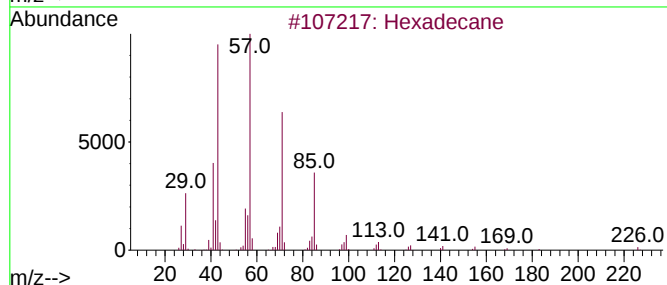
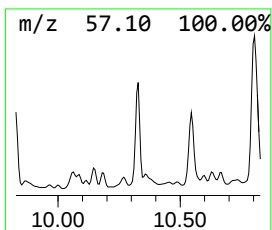
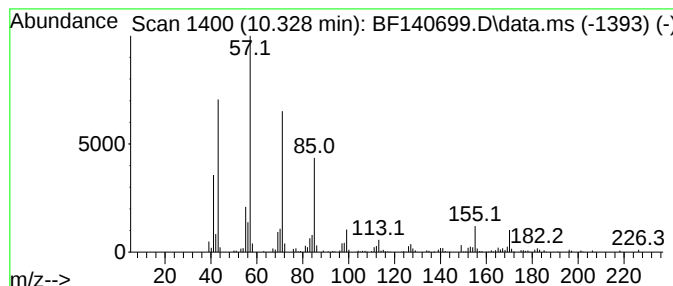
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.328	4.89 ng	204780	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Dodecane	170	C12H26	000112-40-3	90
4	Eicosane	282	C20H42	000112-95-8	80
5	Tritetracontane	605	C43H88	007098-21-7	80



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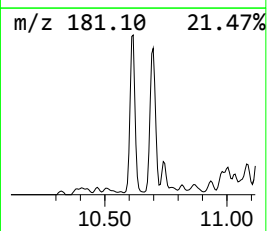
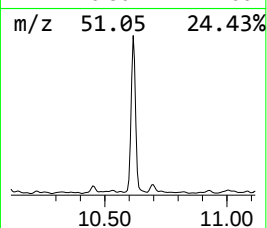
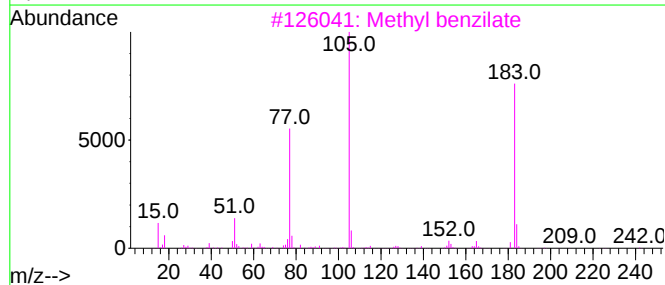
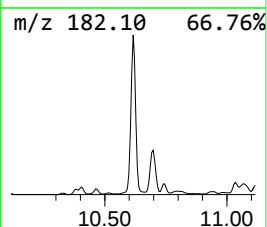
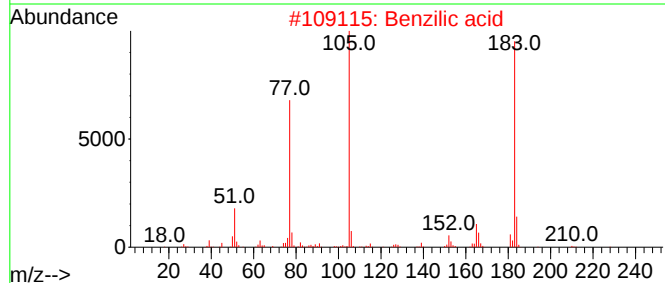
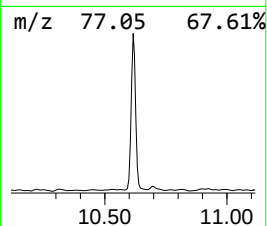
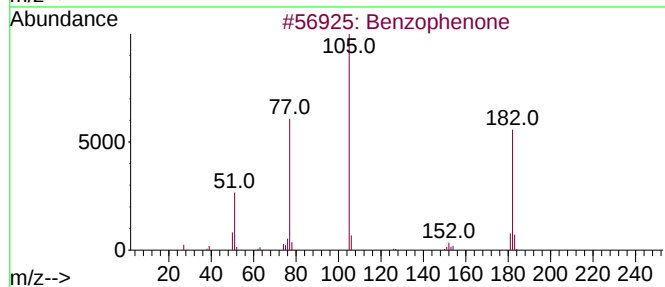
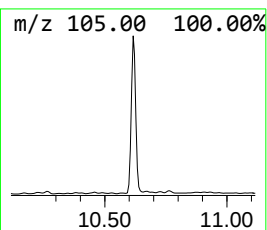
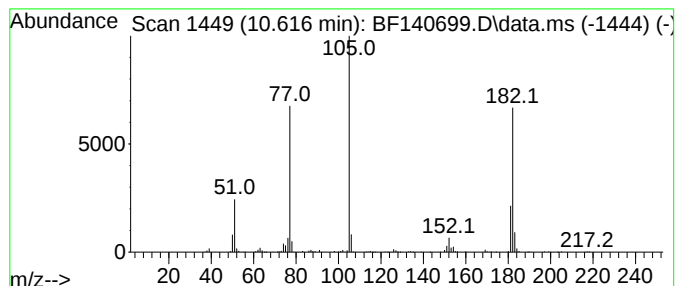
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.88 ng	329988	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzilic acid	228	C14H12O3	000076-93-7	43
3			Methyl benzilate	242	C15H14O3	000076-89-1	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			Benzoic acid, (4-pyridylmethylen...	225	C13H11N3O	001507-93-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-11222024

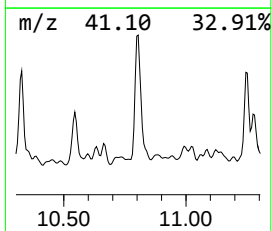
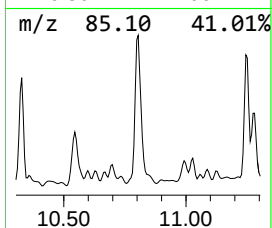
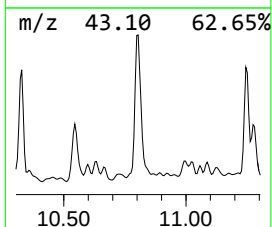
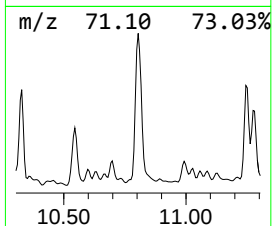
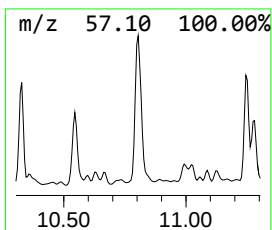
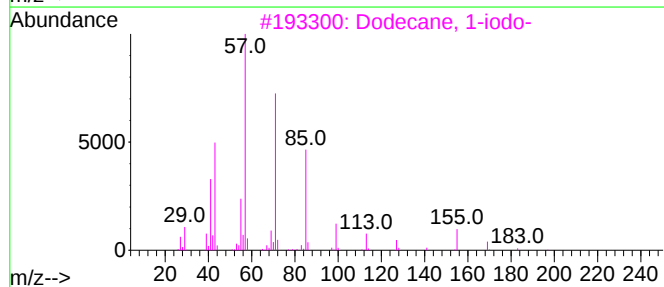
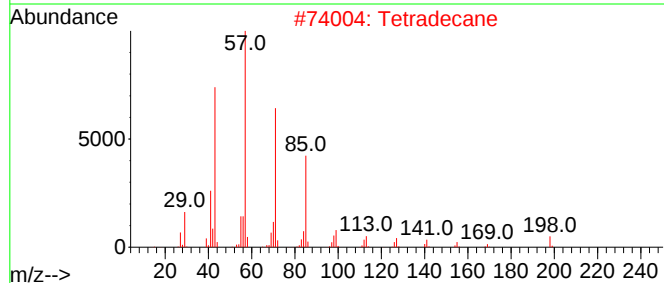
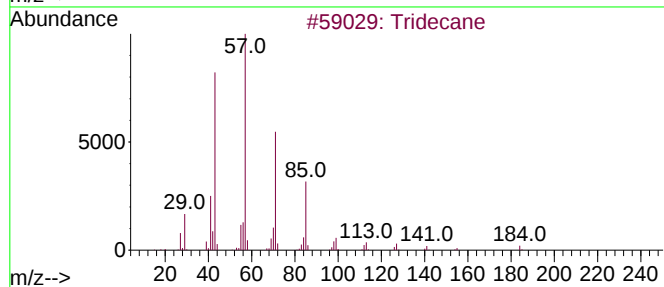
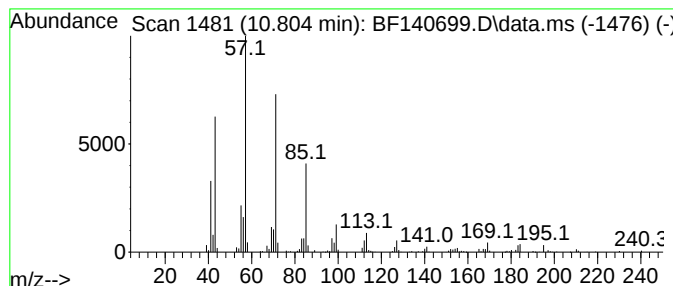
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	8.98 ng	327686	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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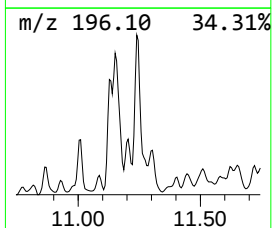
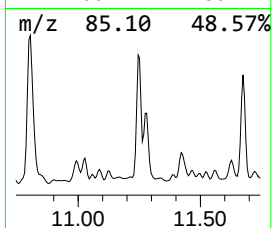
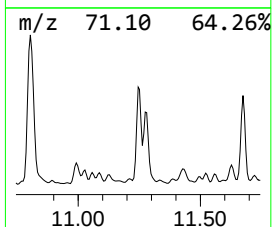
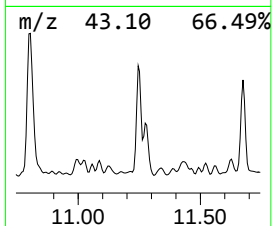
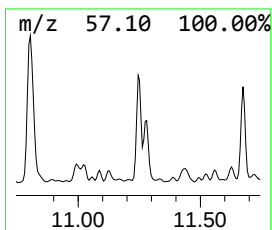
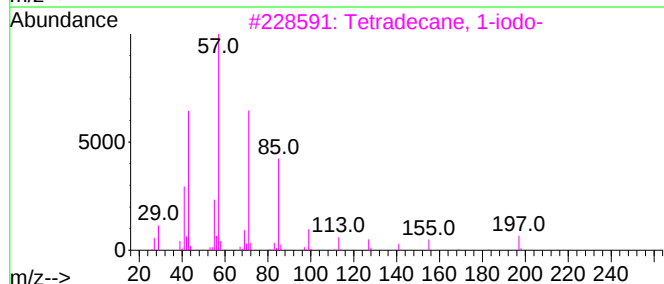
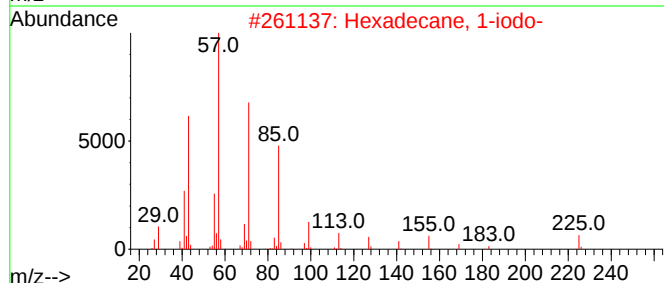
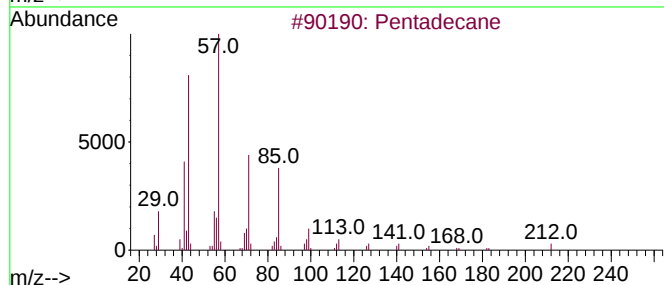
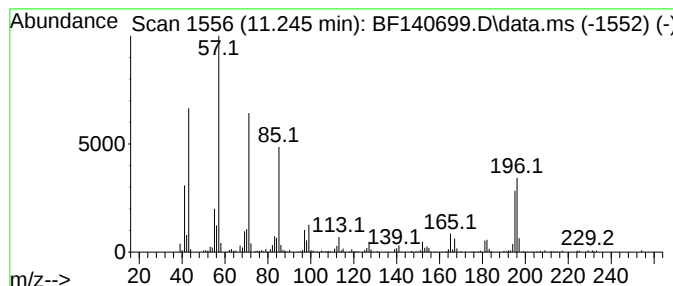
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	5.61 ng	204783	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	89
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	53
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
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Instrument :
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ClientSampleId :
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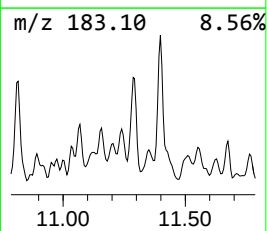
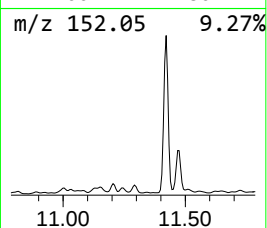
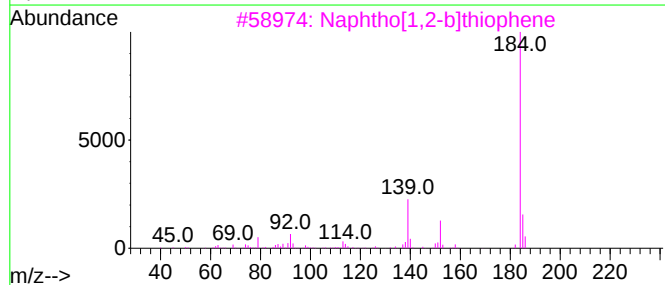
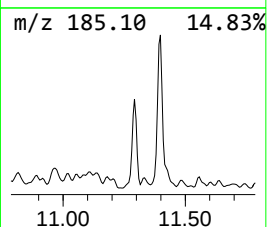
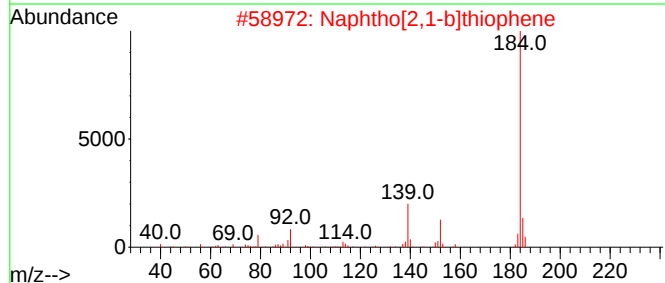
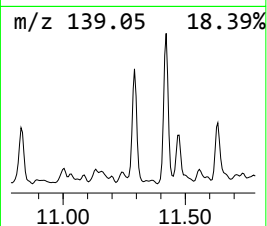
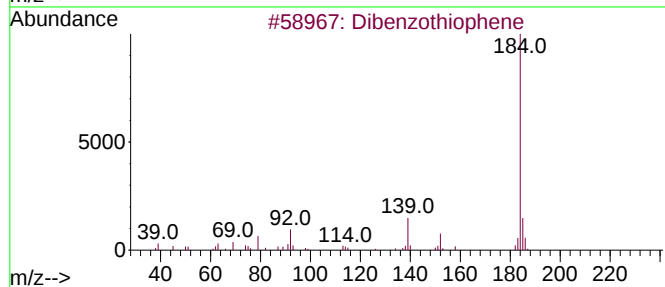
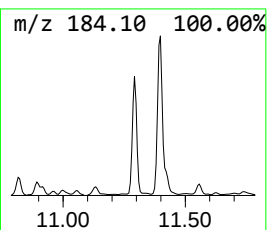
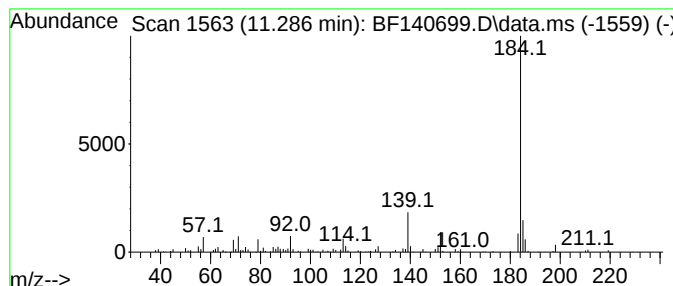
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	5.28 ng	192651	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	94
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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Acq On : 02 Dec 2024 19:49
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Sample : P5045-01
Misc :
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Instrument :
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ClientSampleId :
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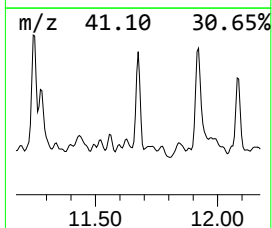
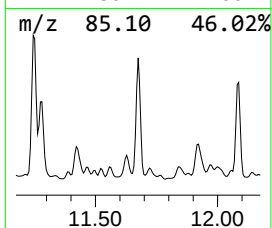
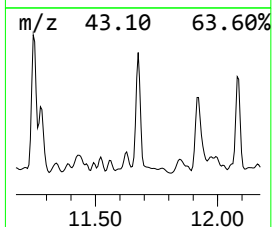
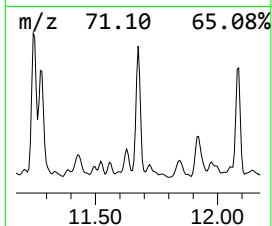
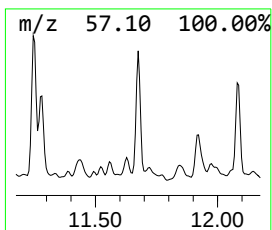
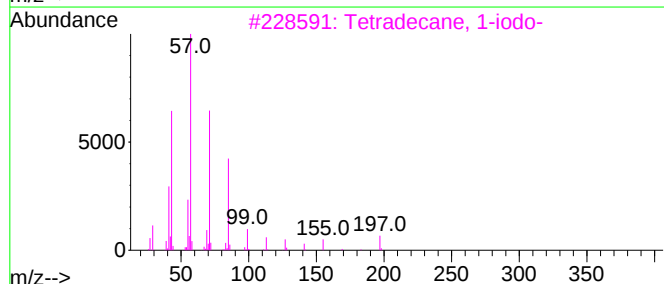
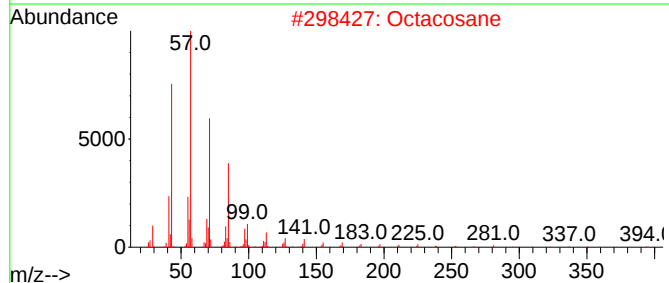
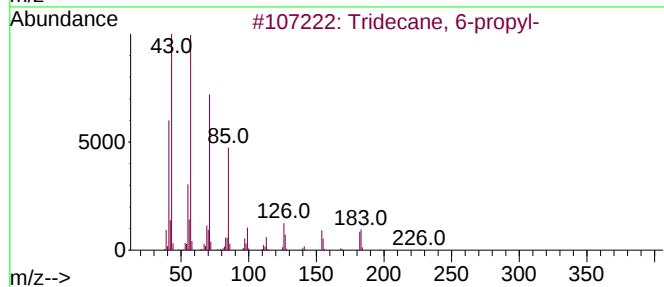
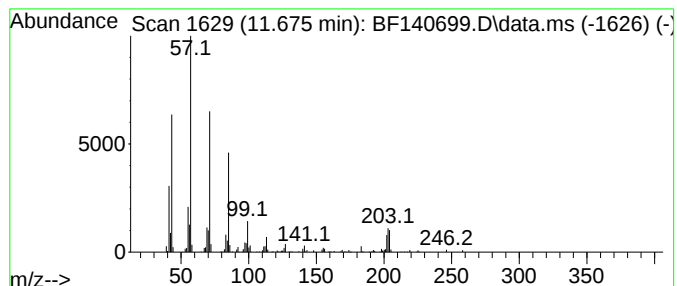
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	4.33 ng	157950	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
2			Octacosane	394	C28H58	000630-02-4	68
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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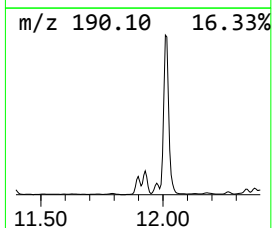
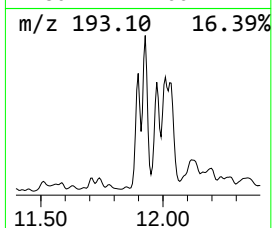
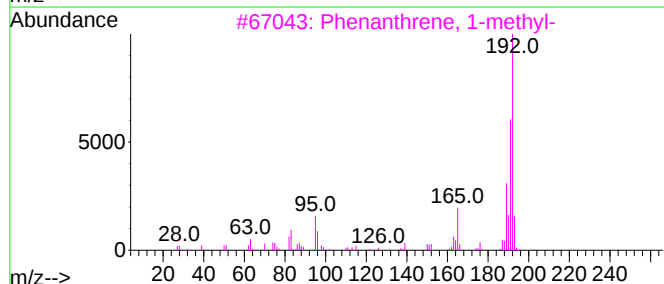
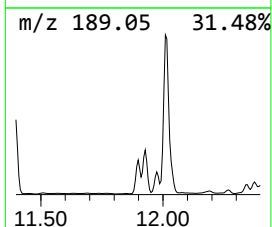
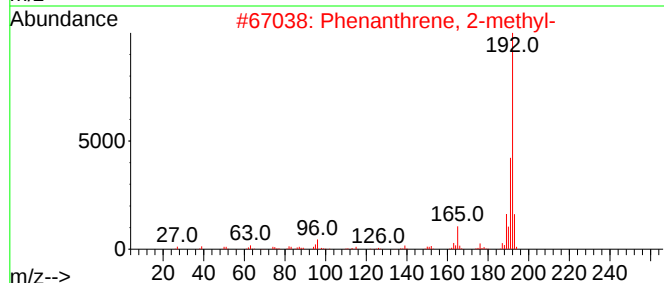
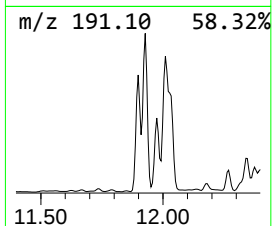
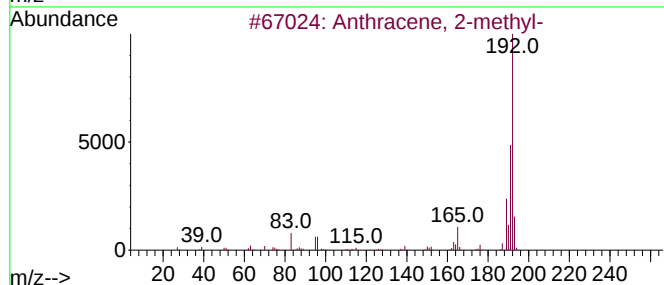
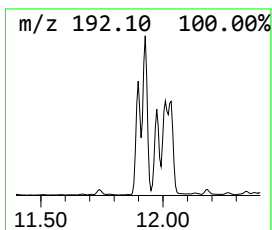
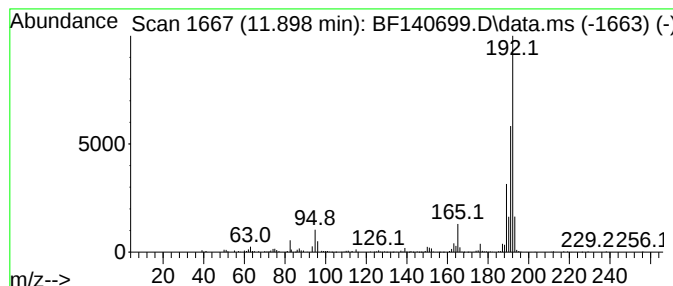
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	4.90 ng	178632	Phenanthrene-d10	11.398

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	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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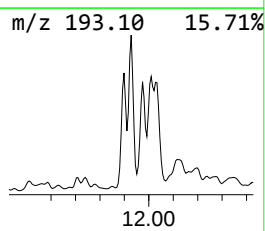
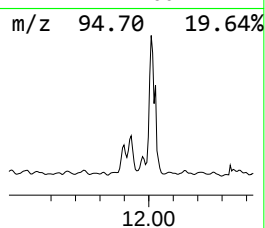
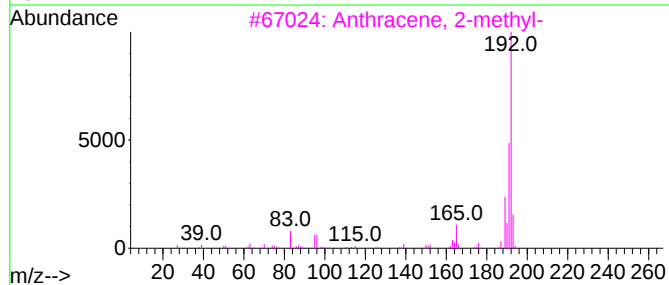
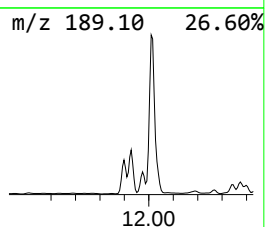
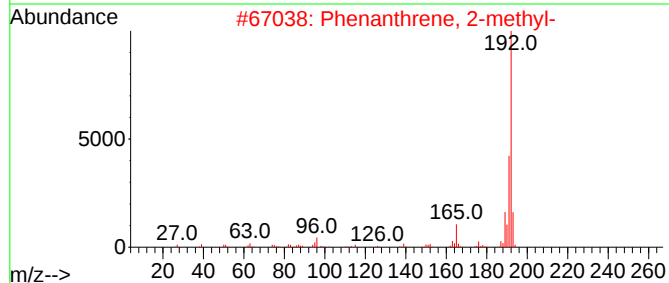
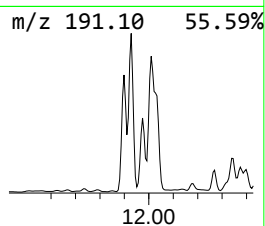
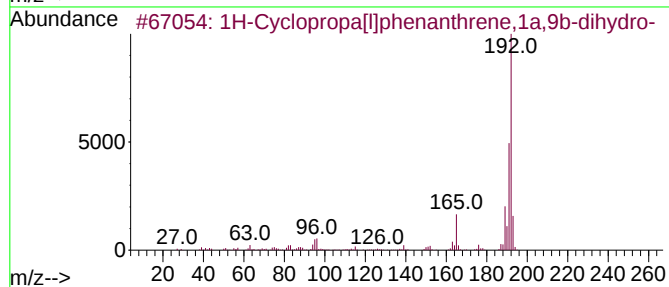
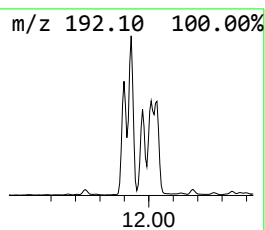
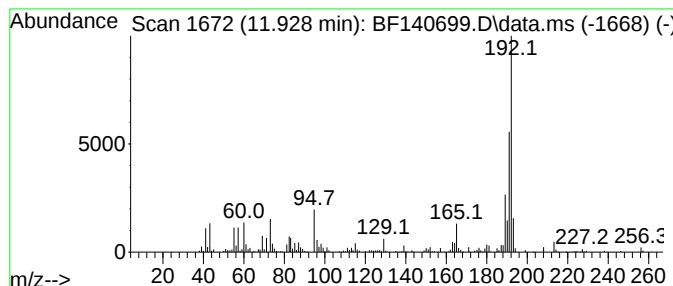
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	12.47 ng	454933	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



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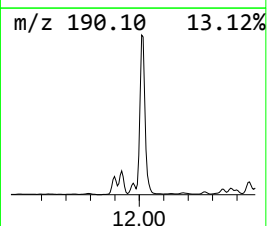
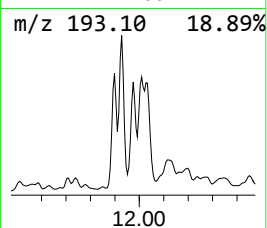
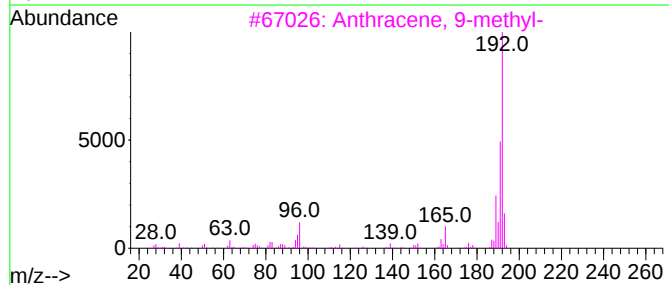
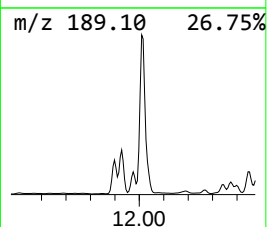
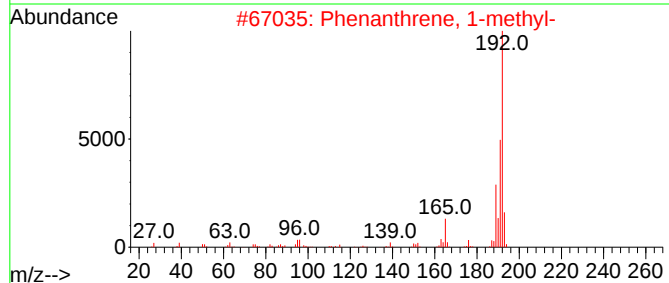
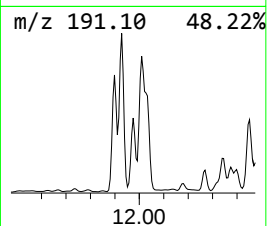
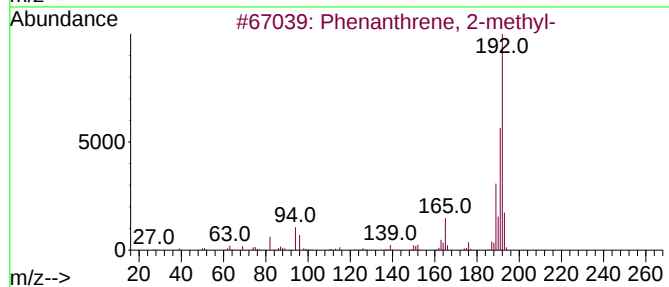
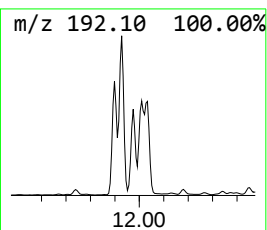
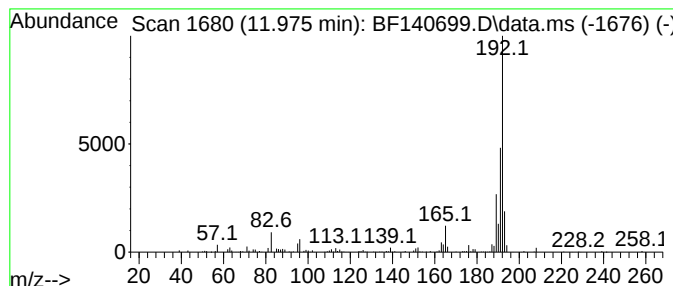
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.72 ng	172199	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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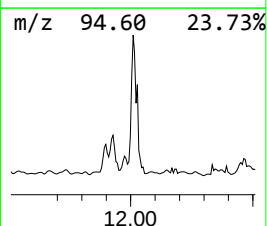
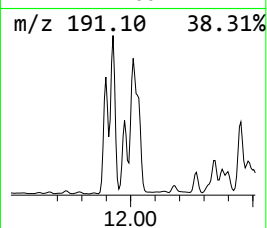
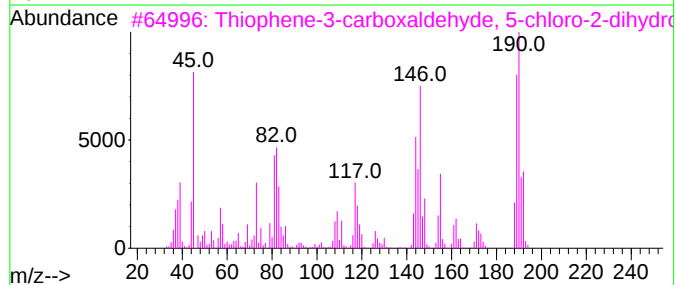
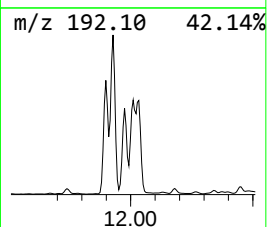
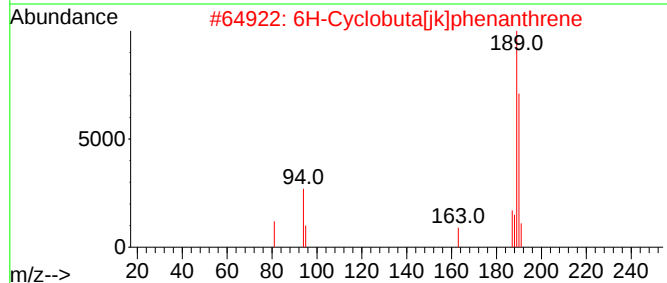
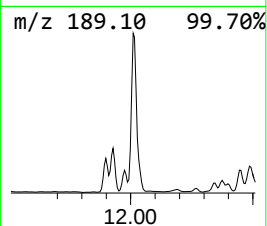
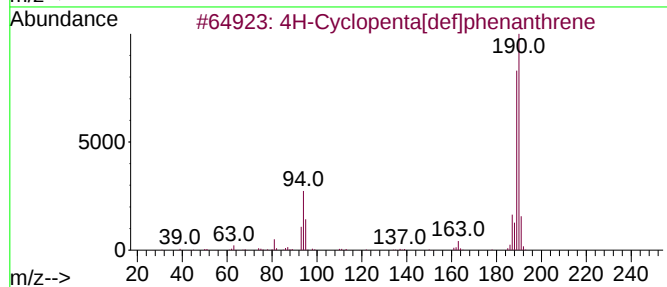
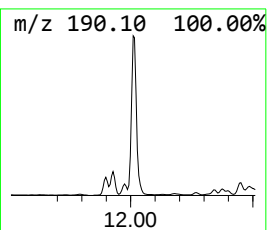
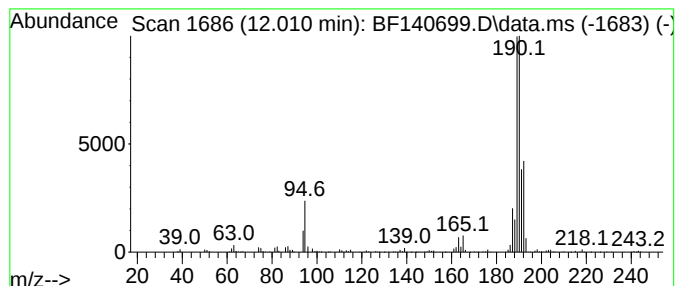
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	17.01 ng	620444	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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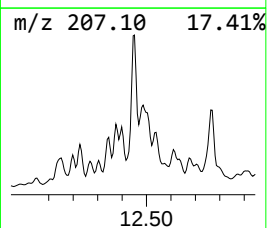
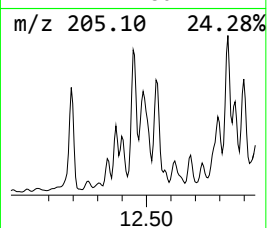
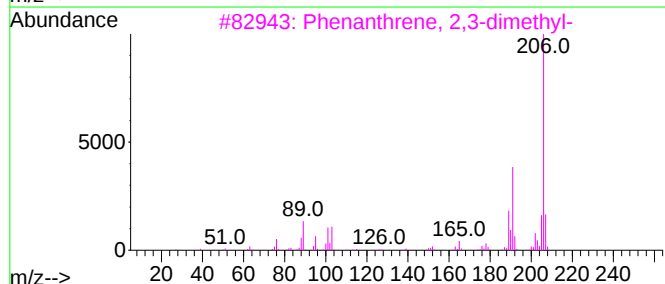
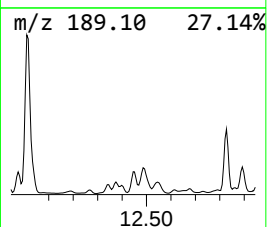
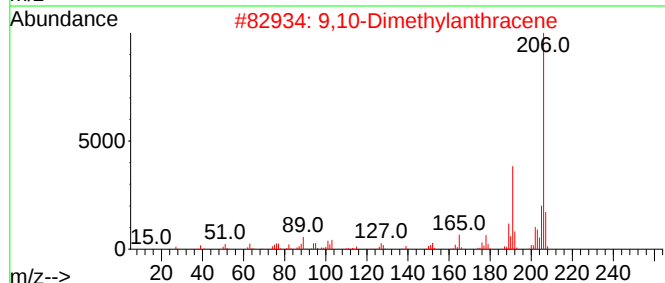
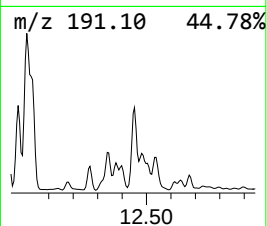
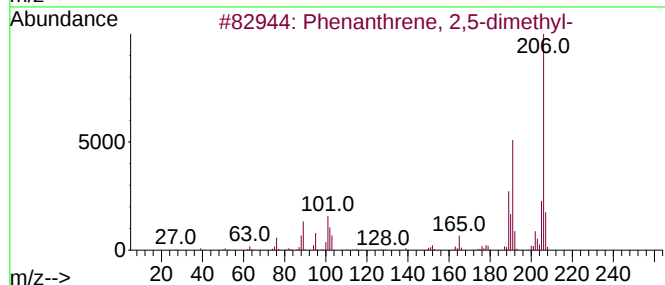
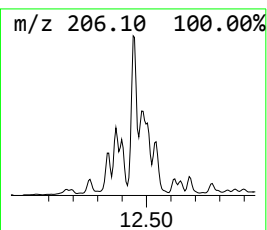
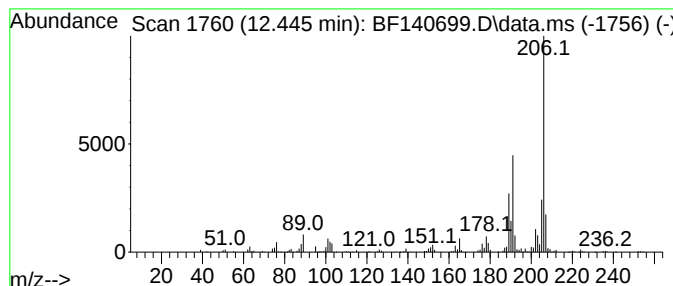
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	5.71 ng	208429	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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ClientSampleId :
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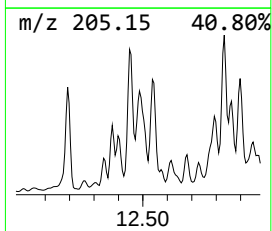
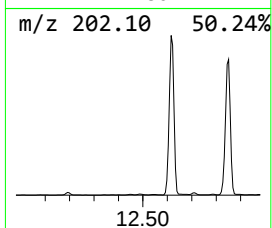
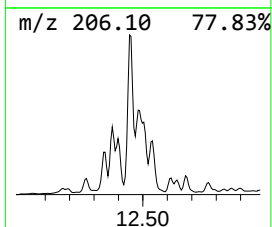
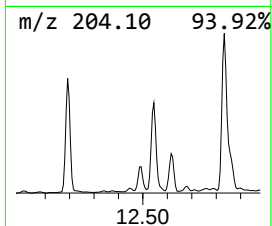
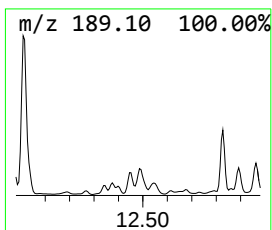
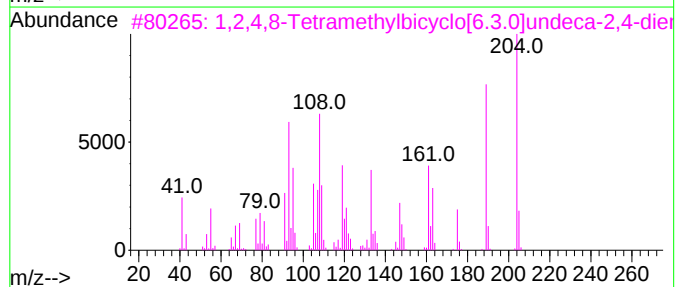
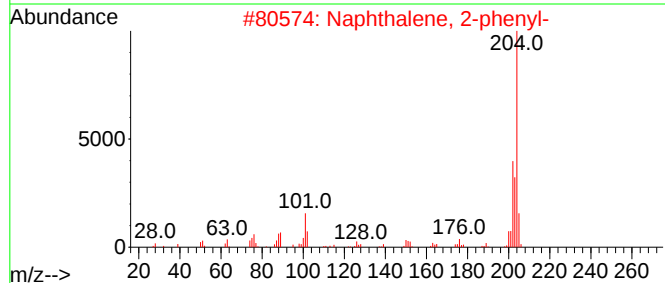
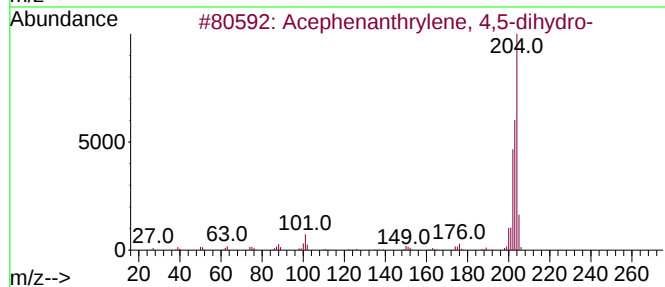
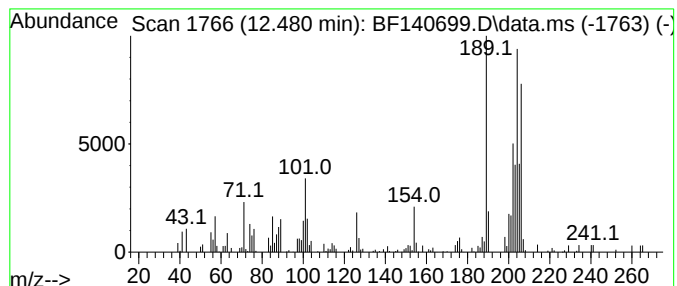
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.480 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	6.59 ng	240354	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	35
4			5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5			4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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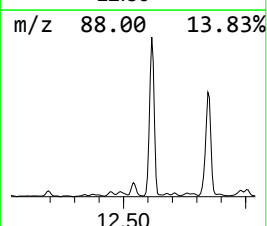
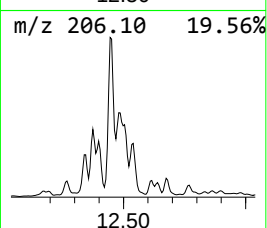
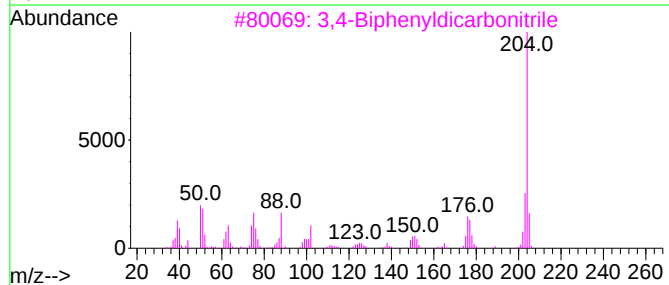
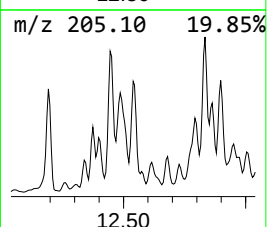
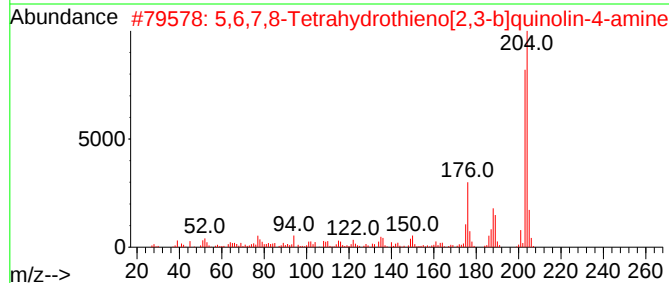
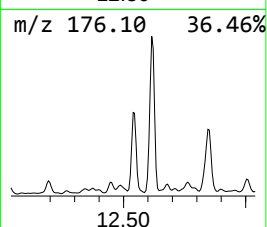
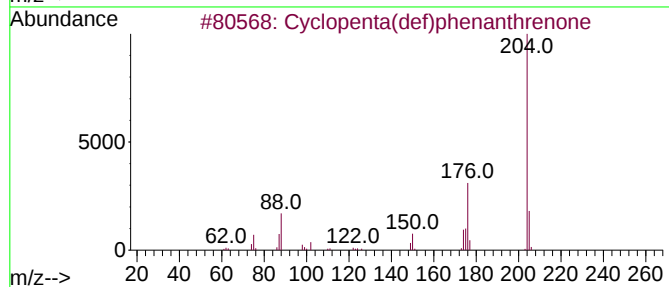
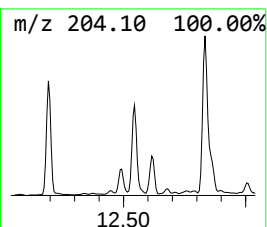
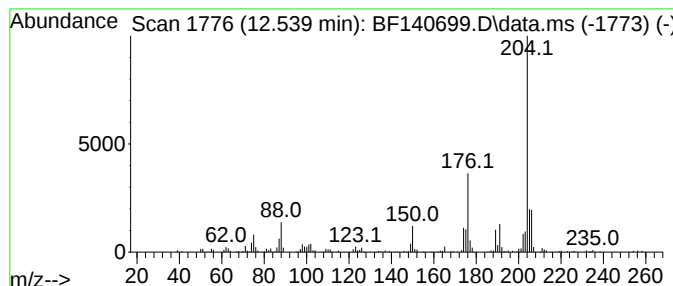
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	5.52 ng	201223	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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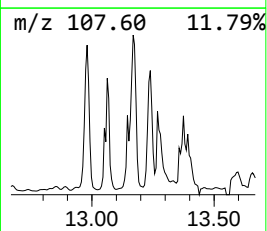
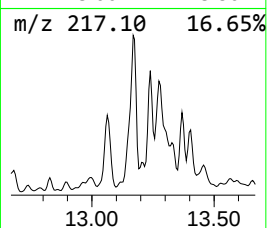
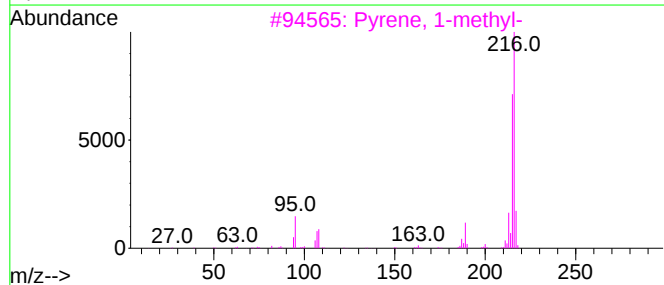
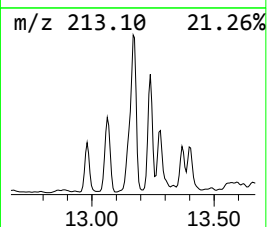
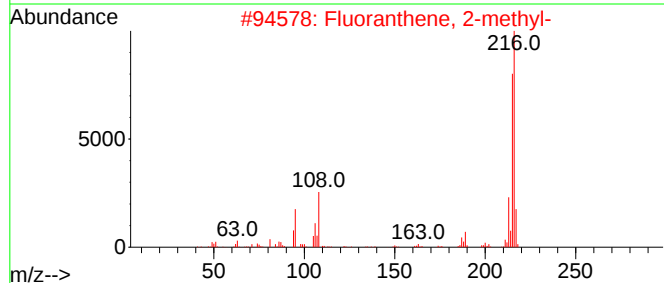
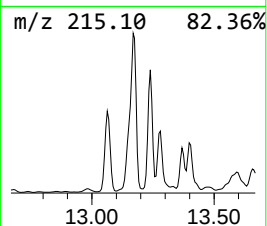
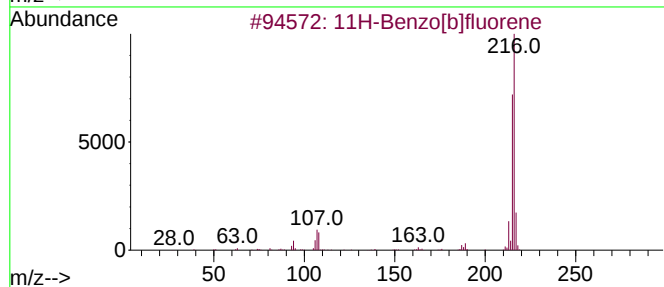
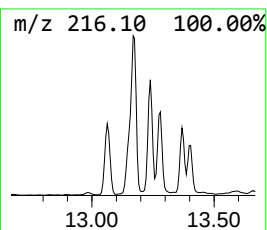
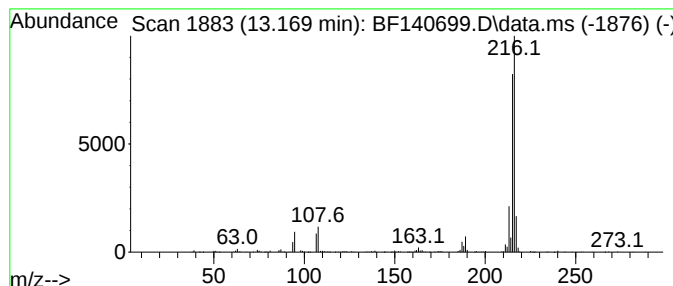
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	5.11 ng	532156	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



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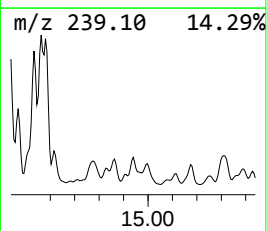
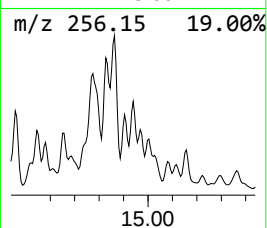
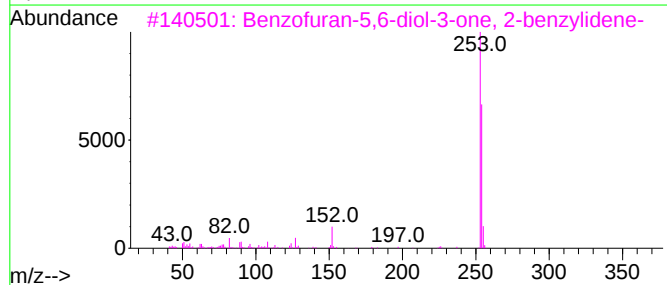
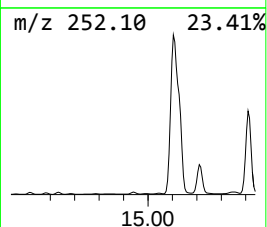
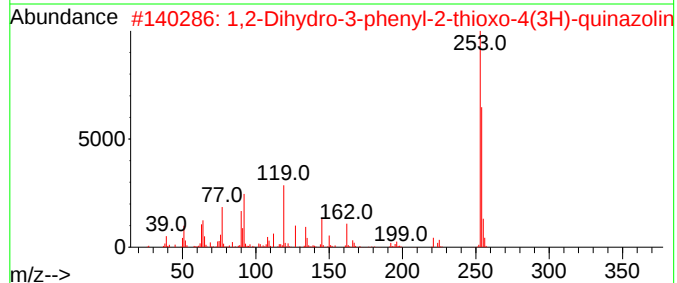
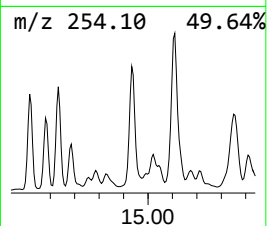
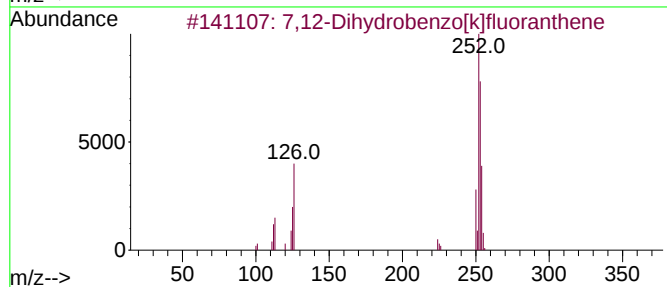
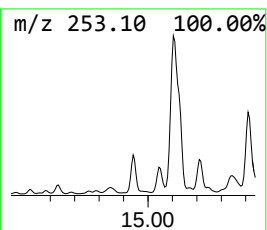
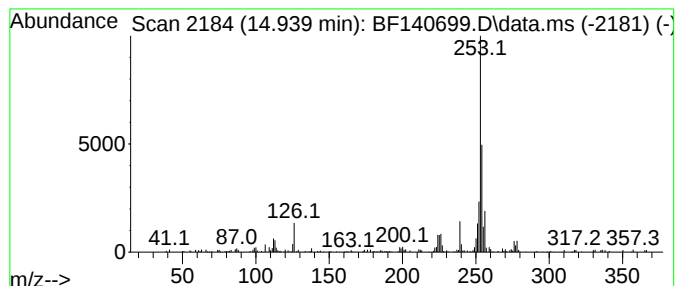
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ClientSampleId :
SU-04-11222024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.939	4.40 ng	110320	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	76
2	1,2-Dihydro-3-phenyl-2-thioxo-4(...	254	C14H10N2OS	018741-24-7	53
3	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	53
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	50
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-11222024

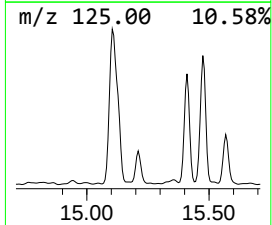
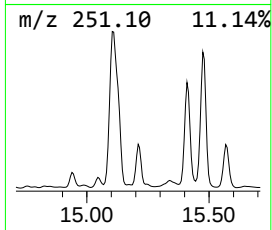
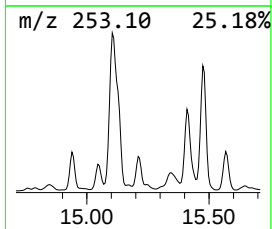
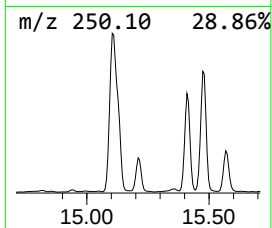
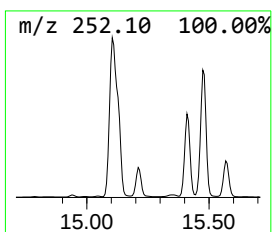
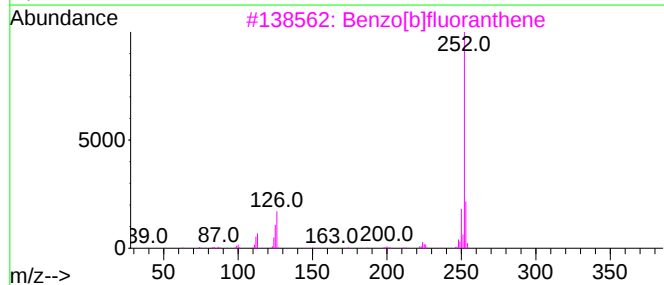
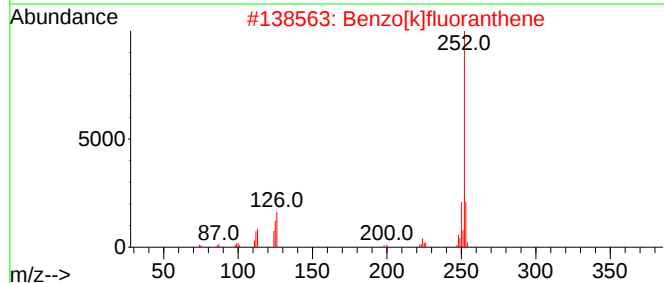
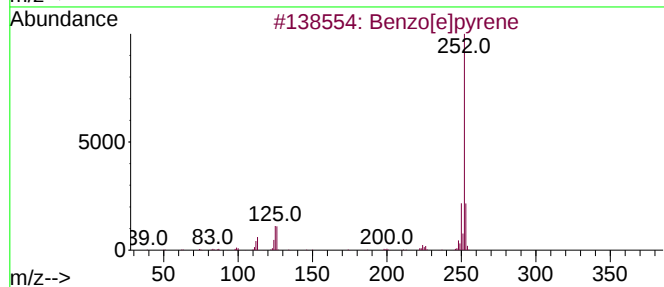
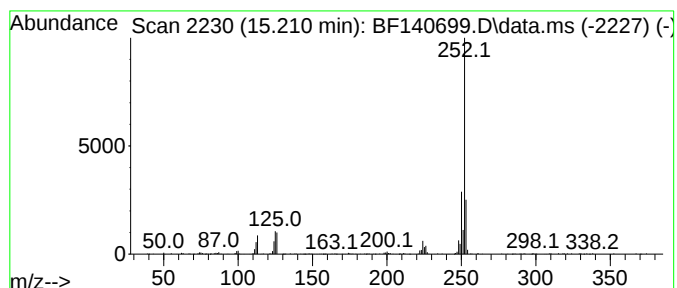
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	8.08 ng	202757	Perylene-d12	15.539

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-11222024

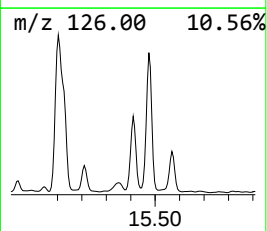
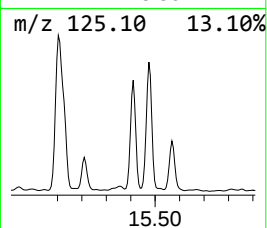
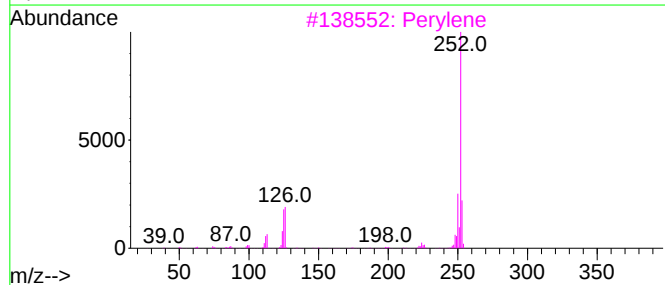
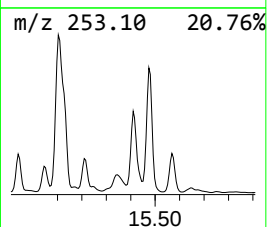
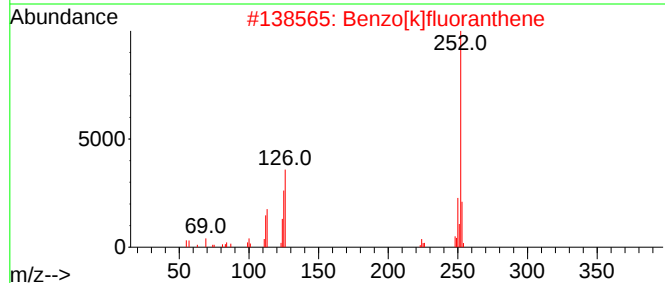
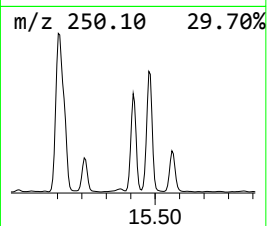
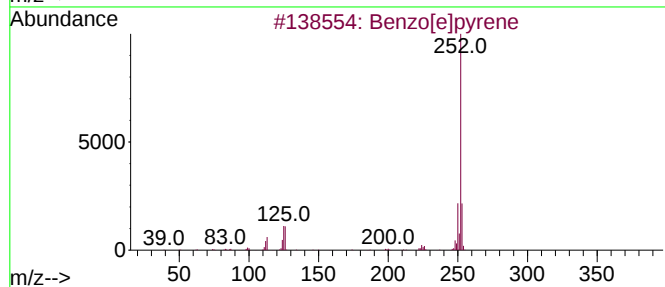
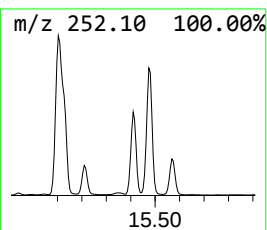
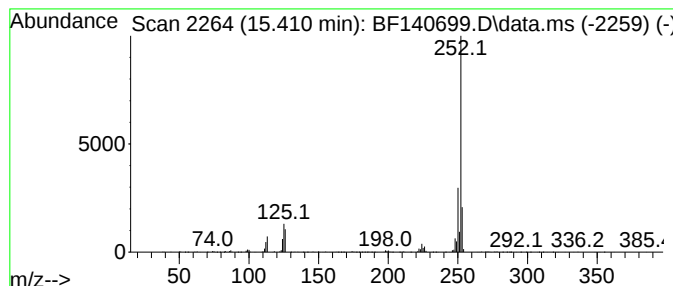
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	26.99 ng	677499	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-11222024

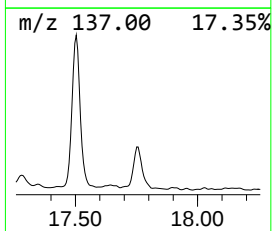
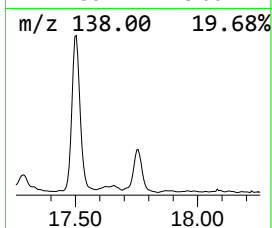
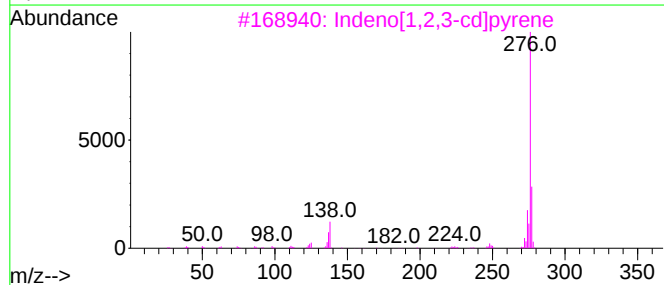
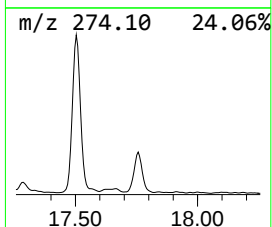
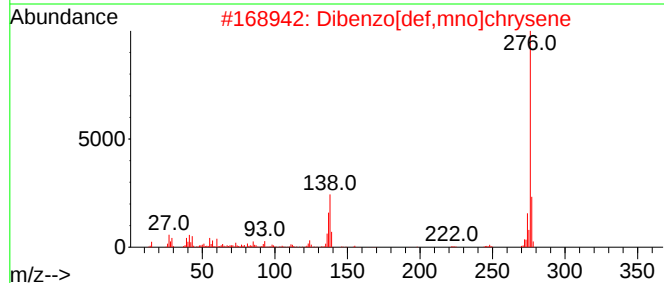
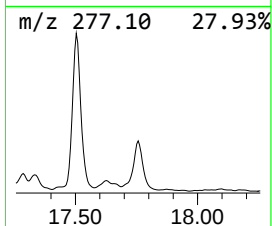
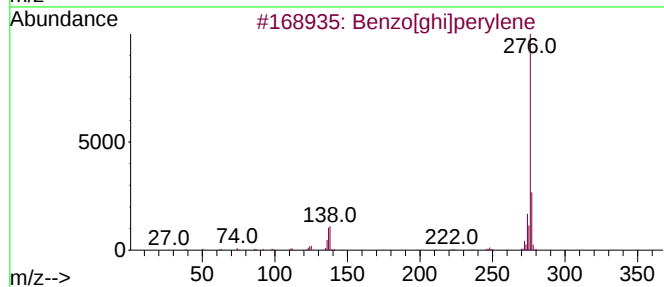
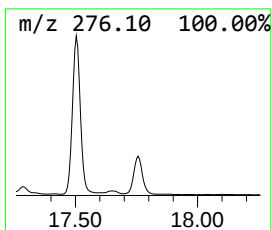
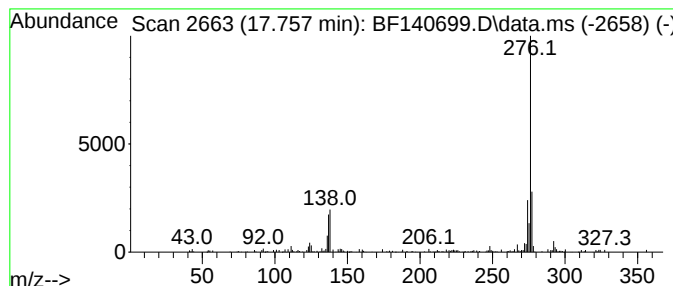
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	8.10 ng	203327	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	59
5			Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140699.D
Acq On : 02 Dec 2024 19:49
Operator : RC/JU
Sample : P5045-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-11222024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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...	2.158	44.7	ng	1178420	1	6.869	526791	20.0
2-Pentanone, 4-...	5.093	4.6	ng	121202	1	6.869	526791	20.0
Hexadecane	10.328	4.9	ng	204780	3	9.904	837152	20.0
Benzophenone	10.616	7.9	ng	329988	3	9.904	837152	20.0
Tridecane	10.804	9.0	ng	327686	4	11.398	729568	20.0
Pentadecane	11.245	5.6	ng	204783	4	11.398	729568	20.0
Dibenzothiophene	11.286	5.3	ng	192651	4	11.398	729568	20.0
Tridecane, 6-pr...	11.675	4.3	ng	157950	4	11.398	729568	20.0
Anthracene, 2-m...	11.898	4.9	ng	178632	4	11.398	729568	20.0
1H-Cyclopropa[1...	11.928	12.5	ng	454933	4	11.398	729568	20.0
Phenanthrene, 2...	11.975	4.7	ng	172199	4	11.398	729568	20.0
4H-Cyclopenta[d...	12.010	17.0	ng	620444	4	11.398	729568	20.0
Phenanthrene, 2...	12.445	5.7	ng	208429	4	11.398	729568	20.0
unknown12.480	12.480	6.6	ng	240354	4	11.398	729568	20.0
Cyclopenta(def)...	12.539	5.5	ng	201223	4	11.398	729568	20.0
11H-Benzo[b]flu...	13.169	5.1	ng	532156	5	14.045	2083060	20.0
7,12-Dihydroben...	14.939	4.4	ng	110320	6	15.539	501972	20.0
Benzo[e]pyrene	15.210	8.1	ng	202757	6	15.539	501972	20.0
Perylene	15.410	27.0	ng	677499	6	15.539	501972	20.0
Dibenzo[def,mno...	17.757	8.1	ng	203327	6	15.539	501972	20.0