

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137969.D
 Acq On : 20 May 2024 20:06
 Operator : CG\JU
 Sample : P2487-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-COMP

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-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	19	rVB2	34212	69507	2.02%	0.167%
2	2.381	44	50	57	rVB	987391	1281262	37.14%	3.083%
3	5.287	534	544	550	rBV	32540	42831	1.24%	0.103%
4	5.663	603	608	611	rBV	2633919	2427604	70.38%	5.841%
5	6.651	771	776	779	rBV	2308891	2463067	71.41%	5.926%
6	7.040	839	842	845	rBV	1011466	772976	22.41%	1.860%
7	7.598	933	937	940	rBV	1734981	1613402	46.77%	3.882%
8	8.210	1038	1041	1052	rBV	34347	56711	1.64%	0.136%
9	8.322	1056	1060	1063	rBV	1283115	1056149	30.62%	2.541%
10	9.034	1178	1181	1184	rBV	73388	54652	1.58%	0.131%
11	9.134	1194	1198	1201	rBV	81362	63304	1.84%	0.152%
12	9.398	1238	1243	1246	rBV	4166197	3449353	100.00%	8.299%
13	9.663	1283	1288	1291	rBV3	36381	49458	1.43%	0.119%
14	9.734	1296	1300	1303	rBV	73279	77338	2.24%	0.186%
15	9.939	1332	1335	1339	rVB	50372	44001	1.28%	0.106%
16	10.081	1356	1359	1362	rBV	1414026	1161857	33.68%	2.796%
17	10.116	1362	1365	1368	rVB	287801	221472	6.42%	0.533%
18	10.169	1368	1374	1380	rVB3	50019	100286	2.91%	0.241%
19	10.239	1380	1386	1388	rBV2	38964	44191	1.28%	0.106%
20	10.286	1390	1394	1397	rVB	143965	132845	3.85%	0.320%
21	10.486	1422	1428	1433	rVB3	39133	71358	2.07%	0.172%
22	10.628	1448	1452	1457	rVB	246281	243553	7.06%	0.586%
23	10.786	1477	1479	1484	rVB	83915	75332	2.18%	0.181%
24	10.875	1489	1494	1497	rBV	2115121	1941877	56.30%	4.672%
25	11.181	1539	1546	1548	rBV3	86602	124572	3.61%	0.300%
26	11.210	1548	1551	1553	rVV2	51226	48778	1.41%	0.117%
27	11.304	1563	1567	1569	rBV3	51480	70699	2.05%	0.170%
28	11.328	1569	1571	1576	rVV3	55904	61676	1.79%	0.148%
29	11.375	1576	1579	1583	rVB	126186	117009	3.39%	0.282%
30	11.416	1583	1586	1593	rBV2	65166	121025	3.51%	0.291%
31	11.475	1593	1596	1600	rVB	128212	125462	3.64%	0.302%
32	11.575	1610	1613	1615	rBV	1112779	1036826	30.06%	2.495%
33	11.604	1615	1618	1621	rVV	2601315	2113365	61.27%	5.085%
34	11.651	1623	1626	1629	rVV	565999	452529	13.12%	1.089%
35	11.680	1629	1631	1634	rVB	51365	52510	1.52%	0.126%
36	11.804	1647	1652	1655	rBV2	193035	196704	5.70%	0.473%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.869	1661	1663	1667	rBV2	60015	49461	1.43%	0.119%
38	11.904	1667	1669	1674	rVV2	65908	60270	1.75%	0.145%
39	12.080	1695	1699	1701	rBV2	530751	498931	14.46%	1.200%
40	12.104	1701	1703	1707	rVV	476038	409253	11.86%	0.985%
41	12.151	1708	1711	1714	rVV	158952	146082	4.24%	0.351%
42	12.192	1714	1718	1720	rVV2	454875	534766	15.50%	1.287%
43	12.210	1720	1721	1725	rVB	248256	197674	5.73%	0.476%
44	12.339	1740	1743	1745	rBV3	36482	40044	1.16%	0.096%
45	12.375	1745	1749	1751	rVV	221199	201921	5.85%	0.486%
46	12.398	1751	1753	1757	rVB2	175903	145332	4.21%	0.350%
47	12.522	1772	1774	1777	rBV	84469	60670	1.76%	0.146%
48	12.551	1777	1779	1781	rVB	61767	45021	1.31%	0.108%
49	12.575	1781	1783	1786	rVB	58288	44431	1.29%	0.107%
50	12.627	1789	1792	1795	rBV	206478	219382	6.36%	0.528%
51	12.669	1795	1799	1801	rVV2	101876	142649	4.14%	0.343%
52	12.716	1804	1807	1812	rBV2	149468	172171	4.99%	0.414%
53	12.798	1817	1821	1824	rBV	2451917	2072398	60.08%	4.986%
54	12.857	1829	1831	1838	rBV4	66481	133565	3.87%	0.321%
55	12.951	1844	1847	1848	rBV	73062	61967	1.80%	0.149%
56	13.027	1853	1860	1865	rBV	2083145	2311300	67.01%	5.561%
57	13.069	1865	1867	1871	rVB2	114743	124563	3.61%	0.300%
58	13.163	1877	1883	1886	rBV	3113607	2713079	78.65%	6.528%
59	13.239	1892	1896	1900	rBV2	154719	253157	7.34%	0.609%
60	13.327	1908	1911	1913	rBV3	114209	152218	4.41%	0.366%
61	13.351	1913	1915	1918	rVB	303358	243546	7.06%	0.586%
62	13.416	1924	1926	1929	rVB	141456	126537	3.67%	0.304%
63	13.457	1929	1933	1936	rBV2	231047	245244	7.11%	0.590%
64	13.551	1947	1949	1952	rBV	123841	94751	2.75%	0.228%
65	13.580	1952	1954	1957	rVB	134198	114902	3.33%	0.276%
66	13.857	1999	2001	2006	rVB	167228	166456	4.83%	0.401%
67	14.004	2024	2026	2028	rVB	191664	132454	3.84%	0.319%
68	14.027	2028	2030	2035	rBV2	115412	181593	5.26%	0.437%
69	14.069	2035	2037	2039	rBV	142781	111842	3.24%	0.269%
70	14.221	2059	2063	2067	rBV3	1321073	1953069	56.62%	4.699%
71	14.257	2067	2069	2076	rVB	1001031	836833	24.26%	2.013%
72	14.333	2080	2082	2086	rBV	122232	104743	3.04%	0.252%
73	14.745	2150	2152	2154	rBV	136082	131233	3.80%	0.316%
74	15.321	2246	2250	2254	rBV	756460	1236690	35.85%	2.976%
75	15.657	2304	2307	2314	rVB	445853	603724	17.50%	1.453%
76	15.727	2315	2319	2326	rBV	686630	864507	25.06%	2.080%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.798	2327	2331	2334	rBV	645939	806396	23.38%	1.940%
78	17.415	2602	2606	2616	rVB2	204239	444592	12.89%	1.070%
79	17.909	2685	2690	2700	rVB	148979	336680	9.76%	0.810%

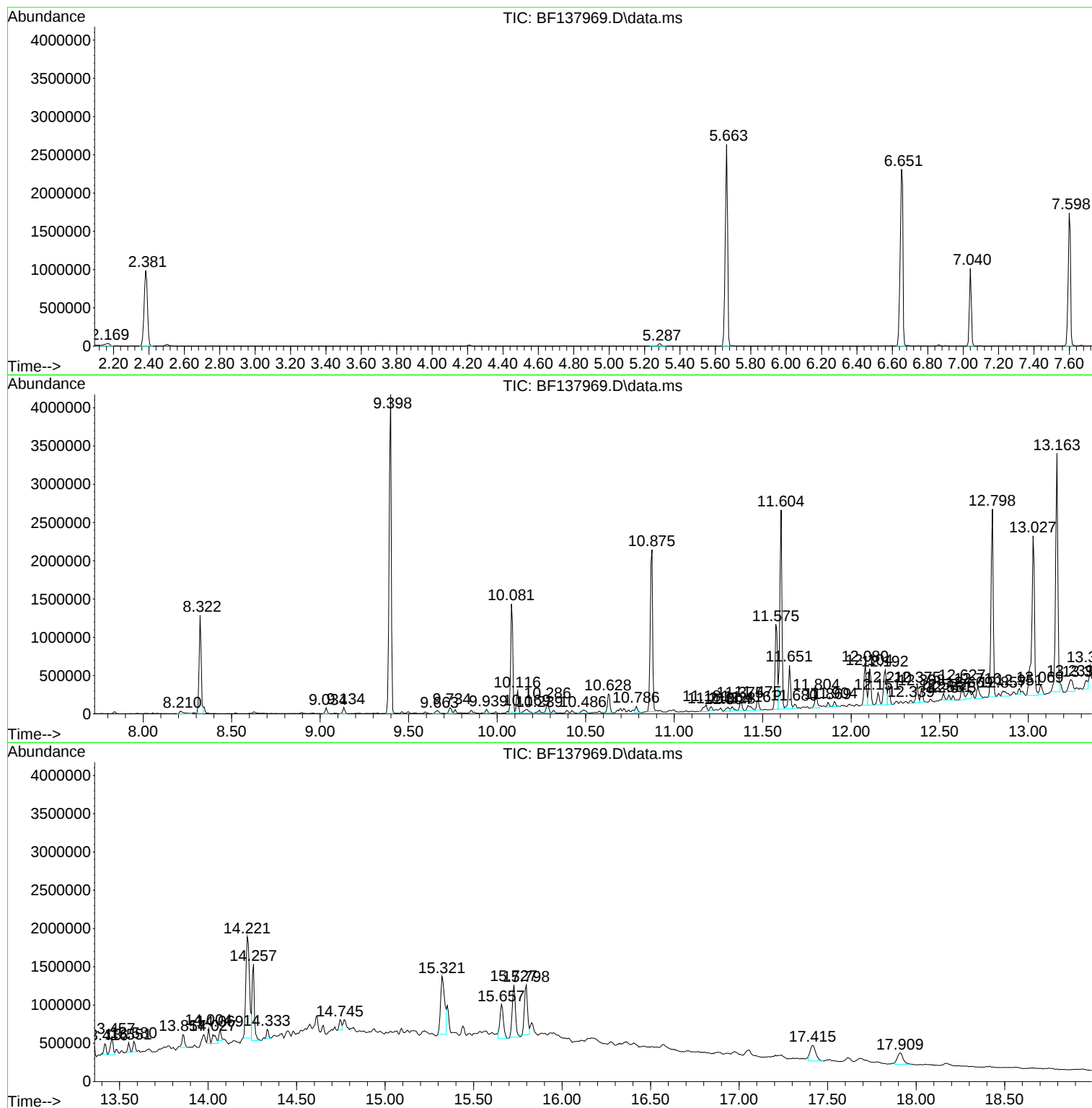
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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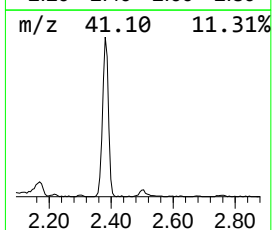
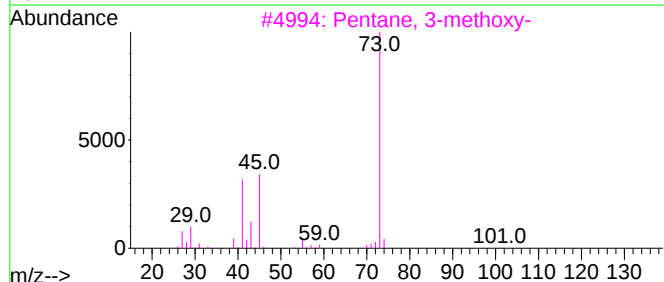
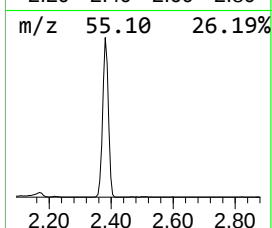
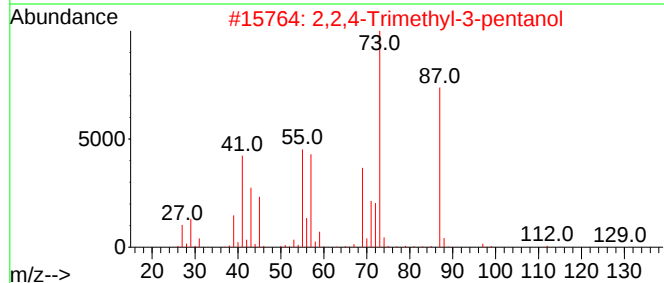
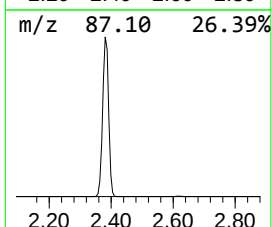
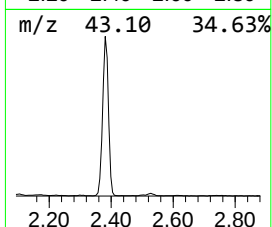
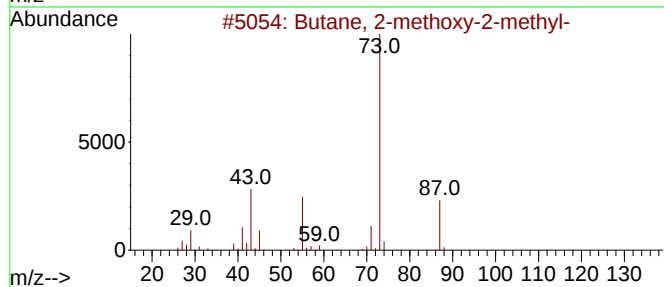
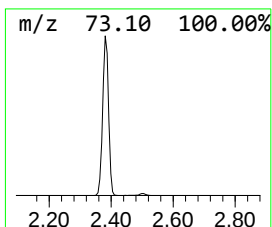
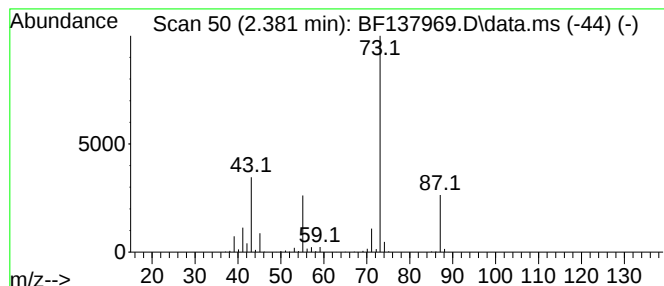
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.381	33.15 ng	1281260	1,4-Dichlorobenzene-d4	7.040

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			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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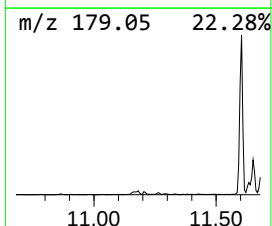
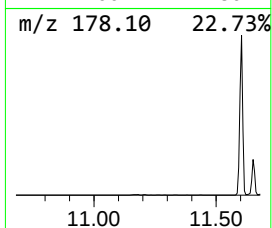
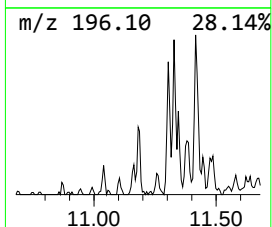
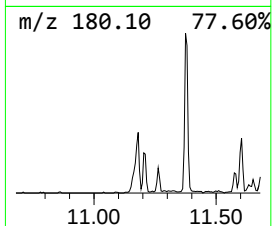
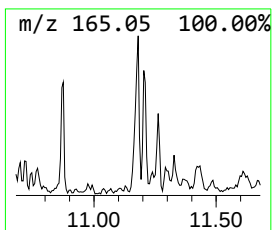
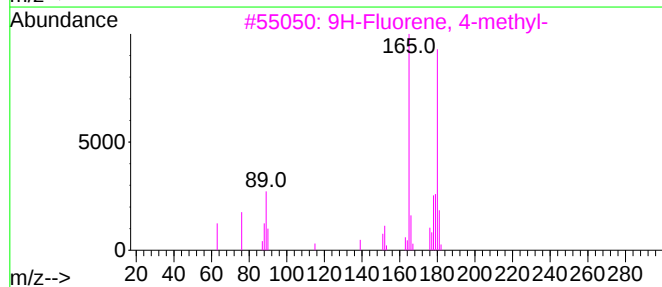
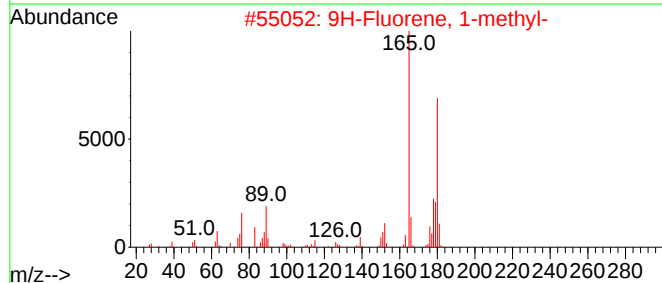
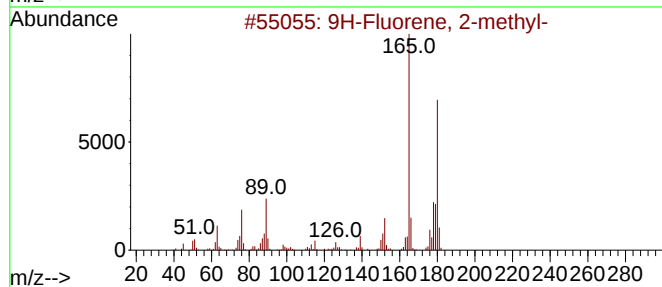
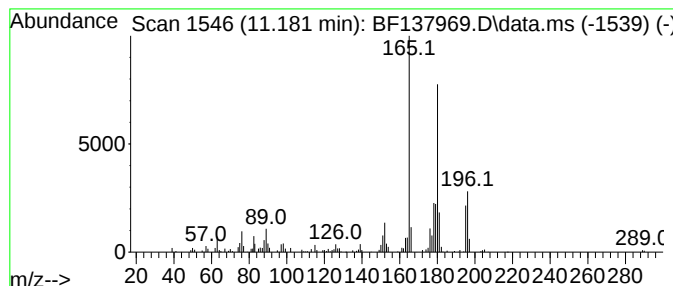
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	2.40 ng	124572	Phenanthrene-d10	11.575

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	94	
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86	
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86	



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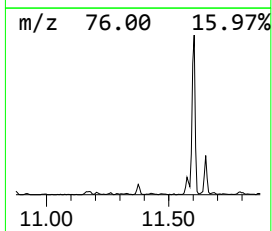
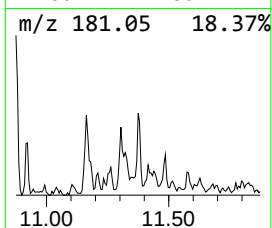
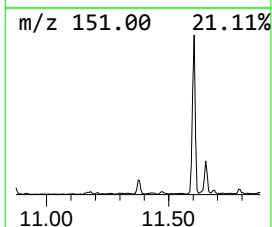
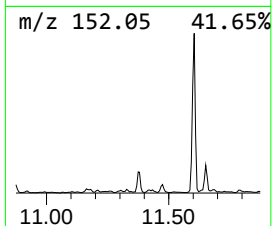
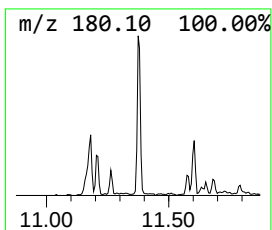
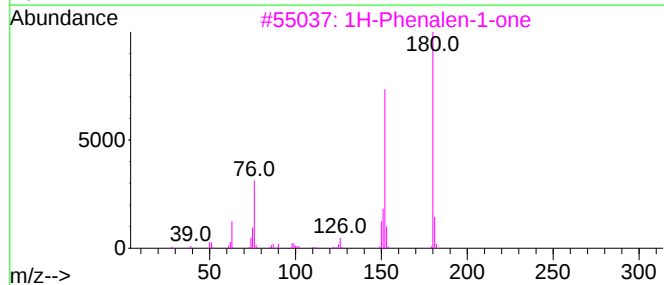
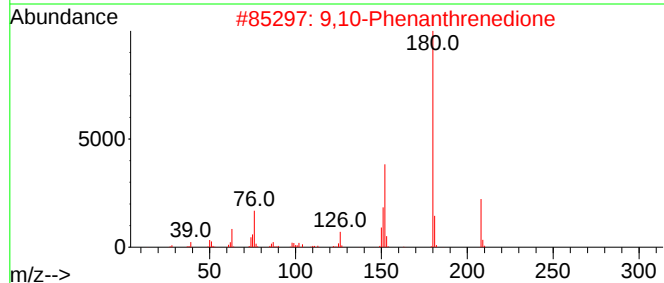
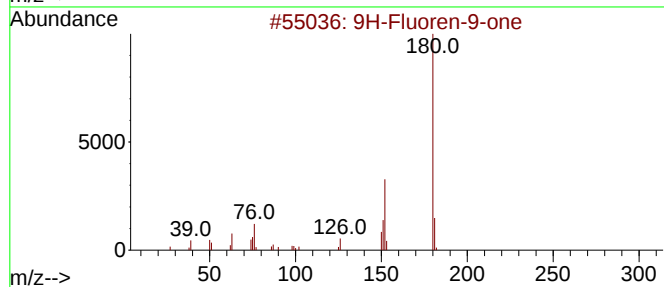
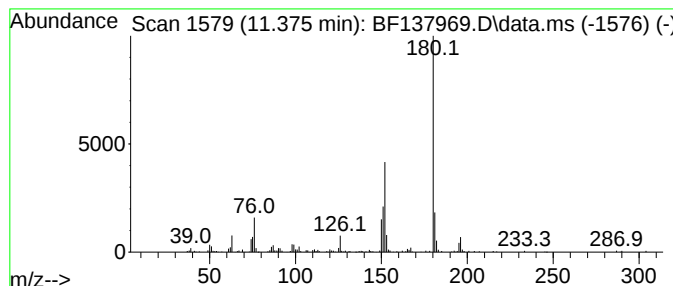
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.375	2.26 ng	117009	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4			9,9-Bis[4-aminophenylsulfonyl]fl...	476	C25H20N2O4S2	081269-16-1	56
5			2-Benzothiazolamine, 4-methoxy-	180	C8H8N2OS	005464-79-9	53



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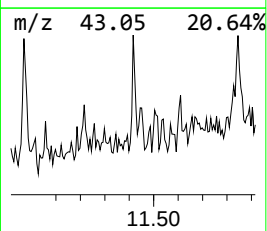
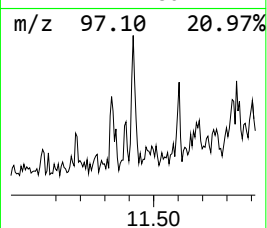
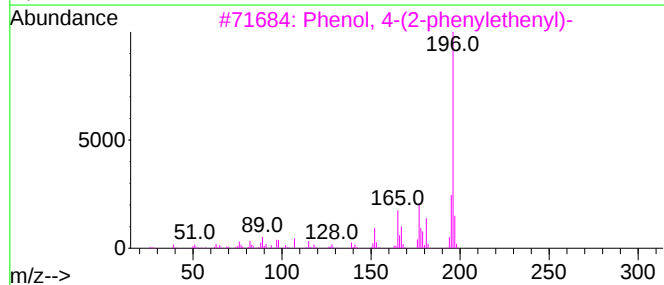
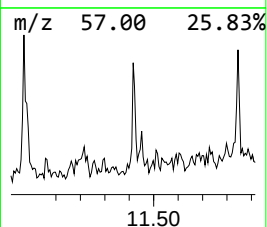
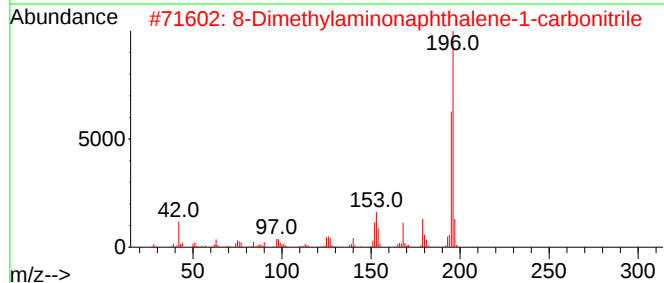
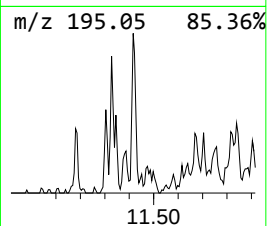
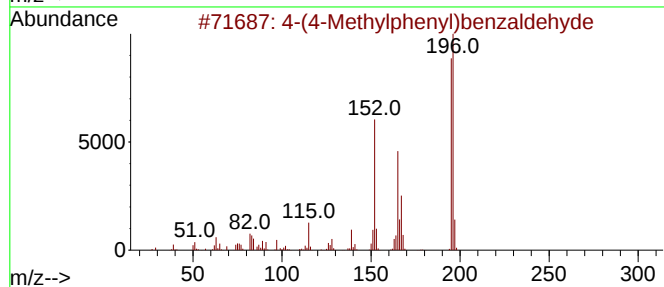
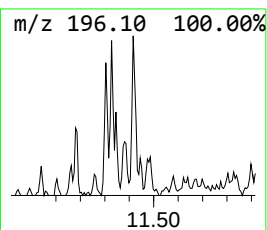
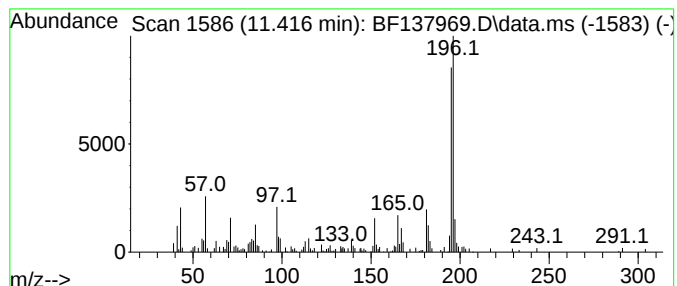
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ClientSampleId :
WC-A-COMP

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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 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.416	2.33 ng	121025	Phenanthrene-d10		11.575	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	76
2		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	58
3		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4		4-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	1000443-78-9	50
5		3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

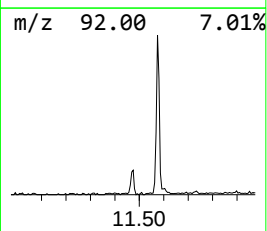
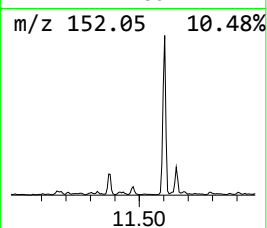
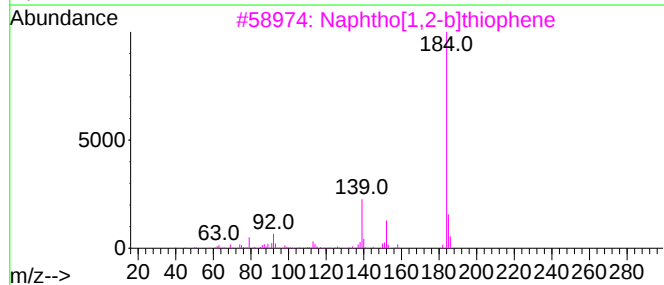
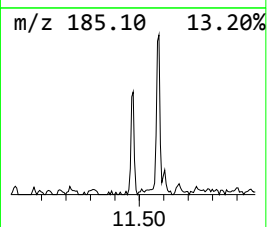
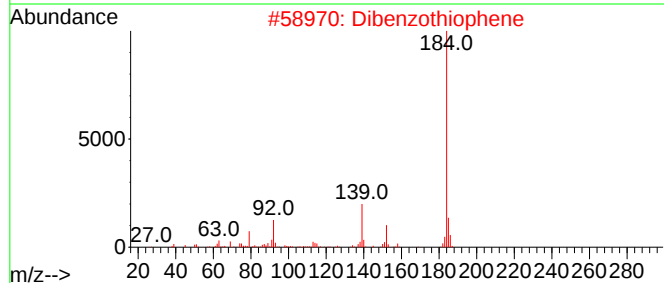
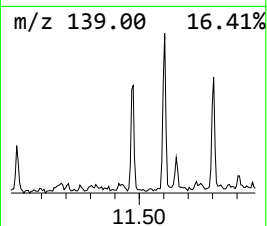
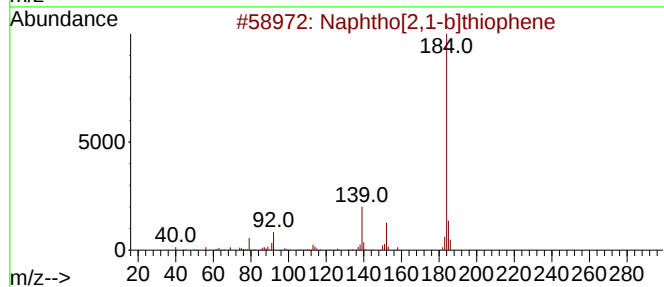
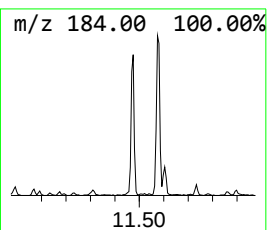
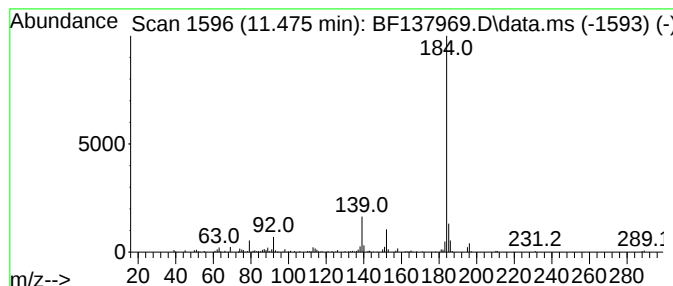
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.475	2.42 ng	125462	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5			Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

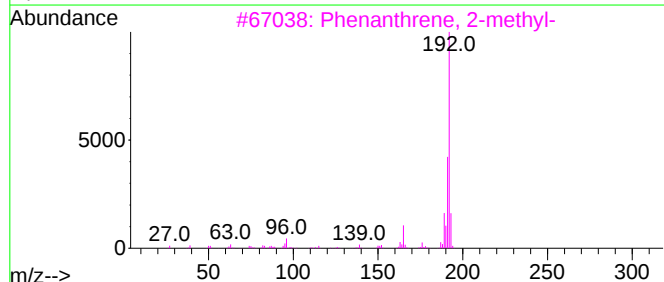
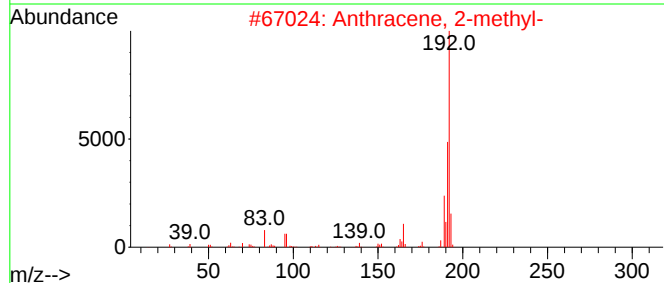
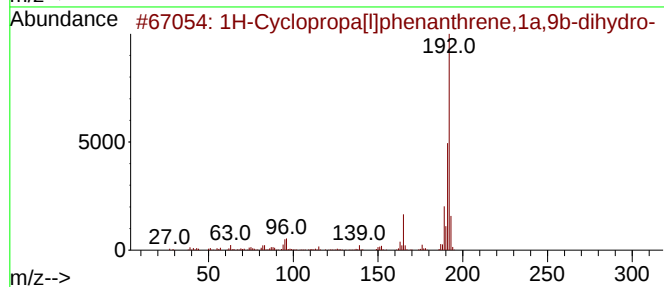
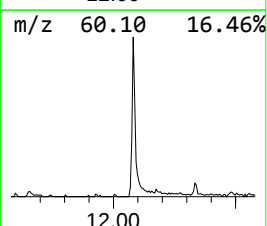
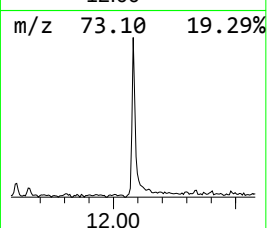
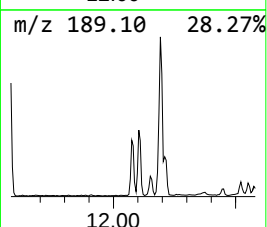
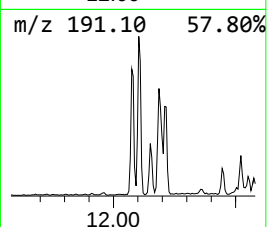
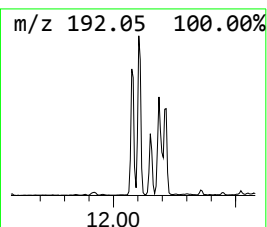
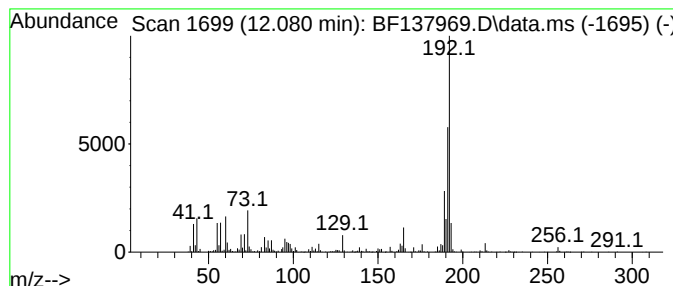
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	9.62 ng	498931	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-A-COMP

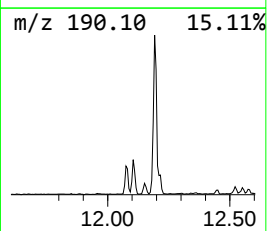
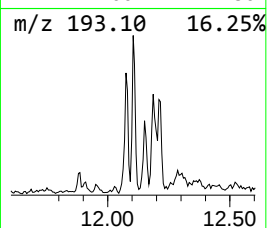
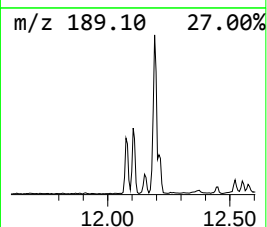
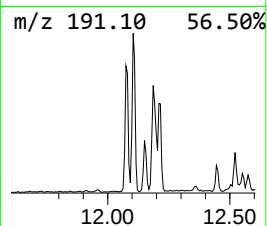
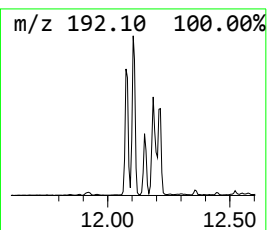
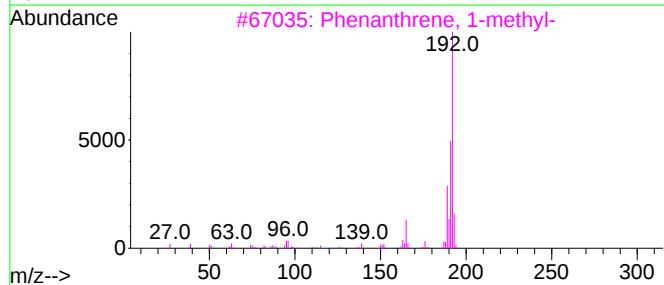
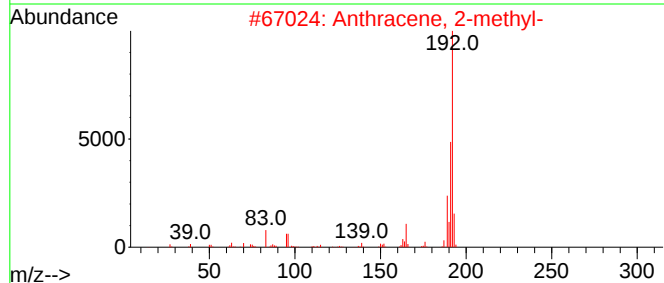
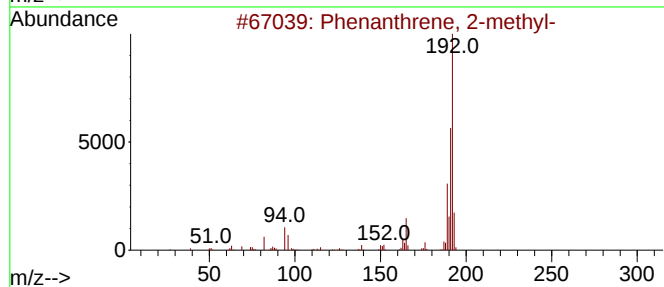
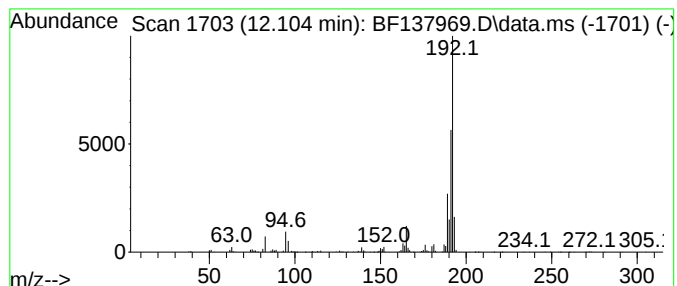
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	7.89 ng	409253	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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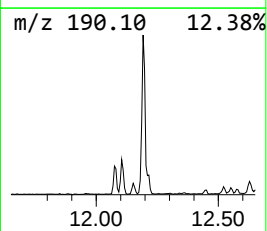
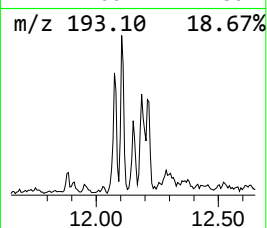
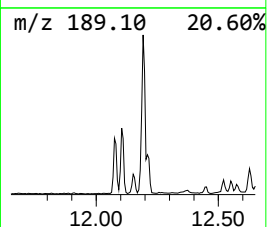
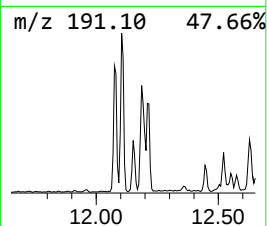
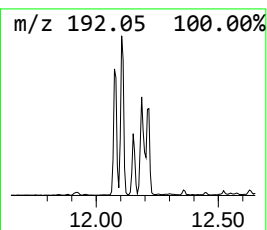
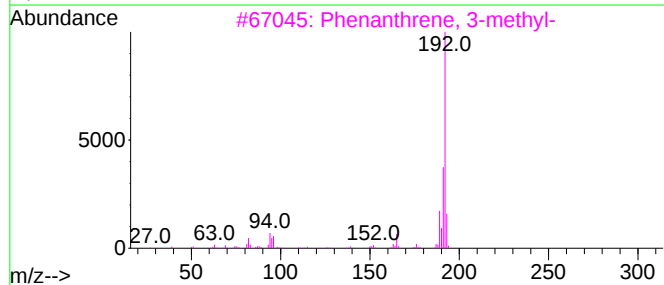
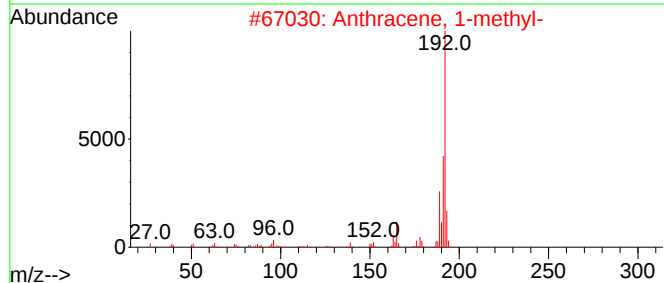
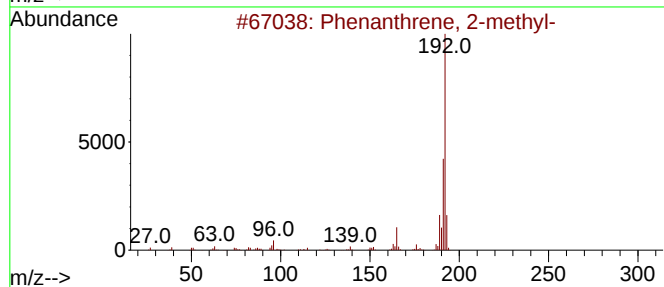
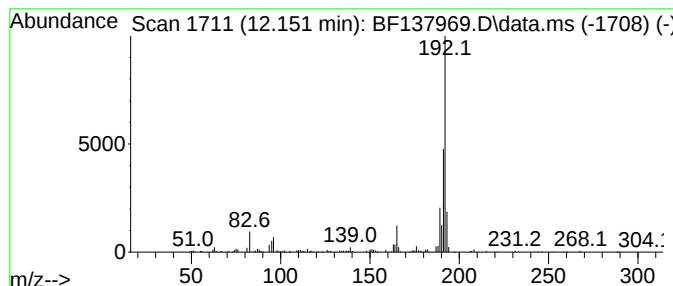
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	2.82 ng	146082	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-A-COMP

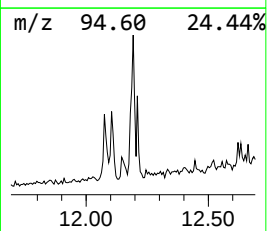
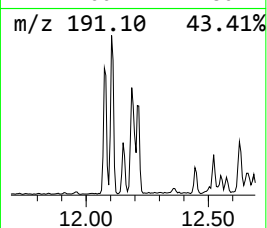
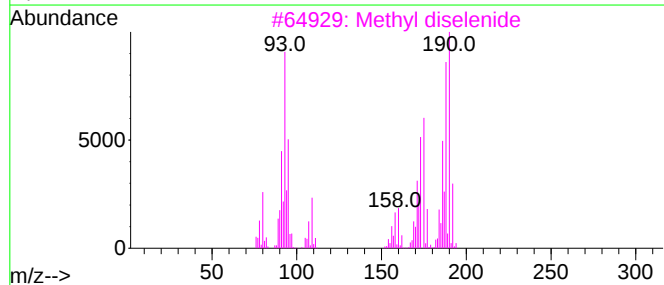
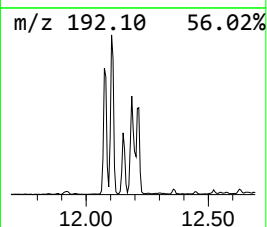
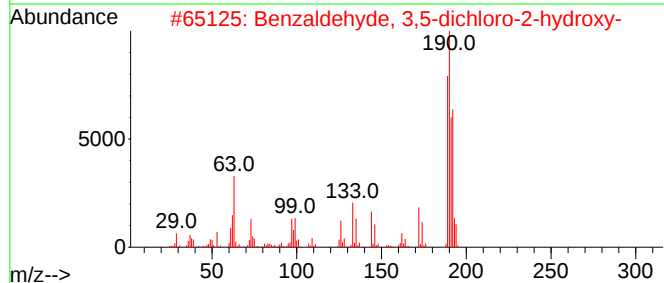
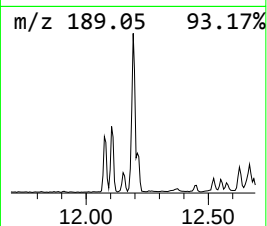
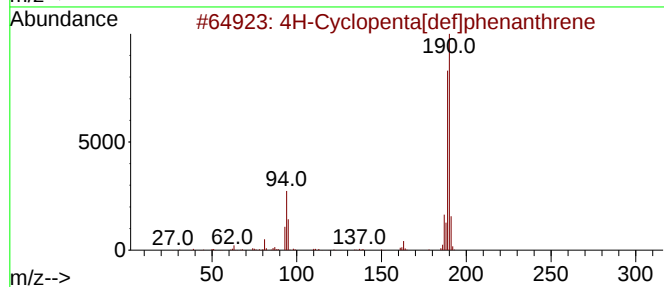
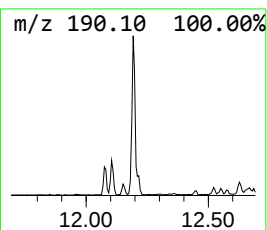
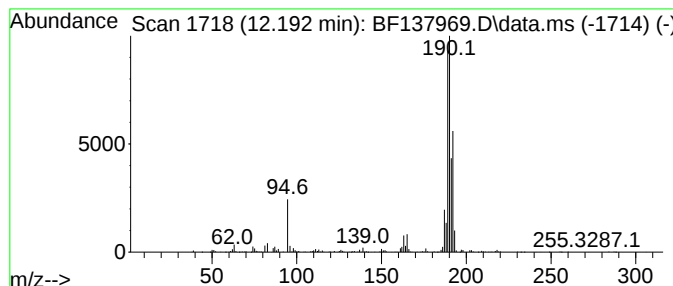
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	10.32 ng	534766	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3			Methyl diselenide	190	C2H6Se2	007101-31-7	45
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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WC-A-COMP

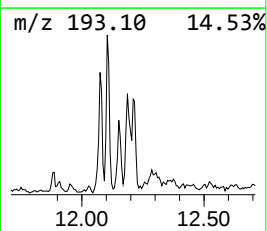
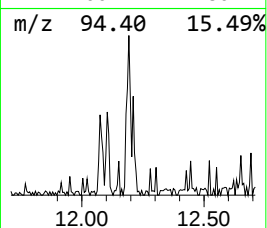
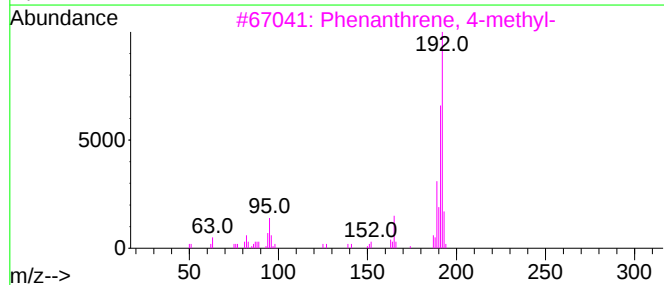
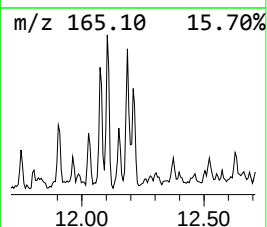
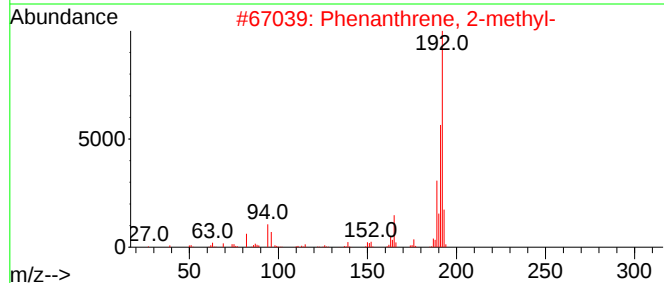
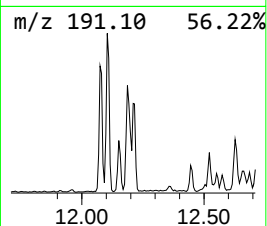
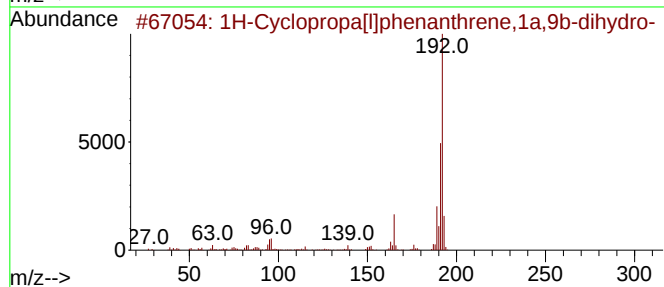
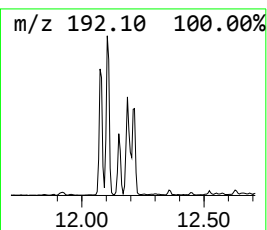
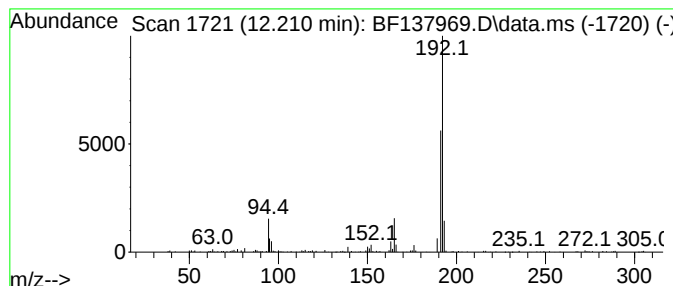
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.81 ng	197674	Phenanthrene-d10	11.575

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-A-COMP

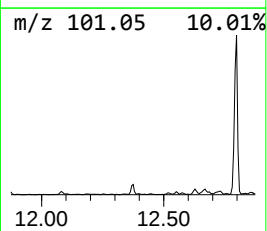
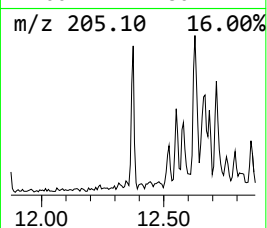
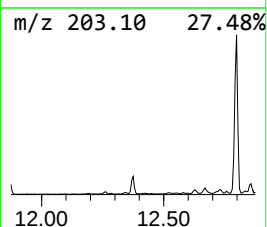
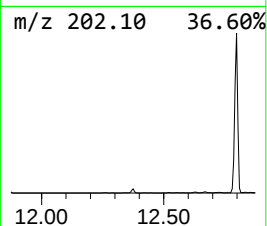
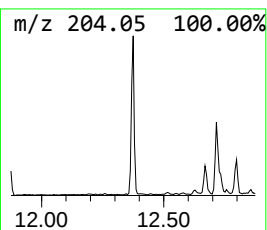
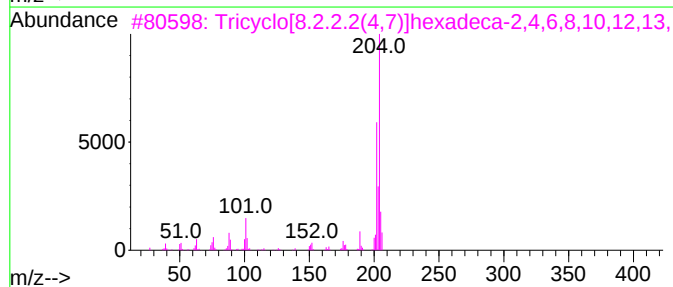
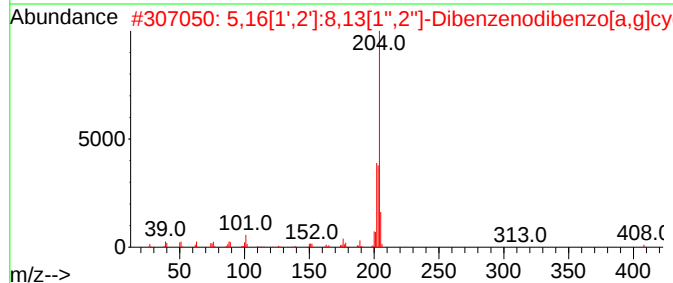
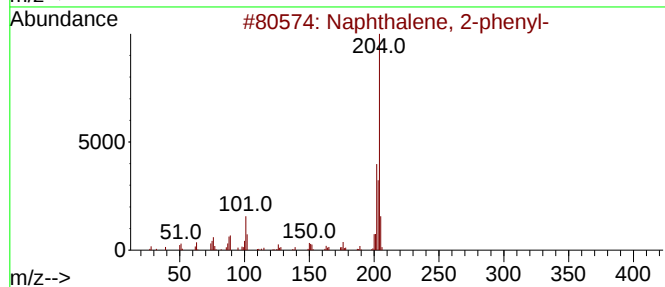
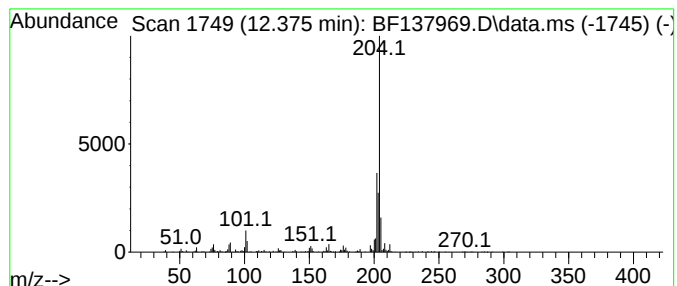
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.89 ng	201921	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5			Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
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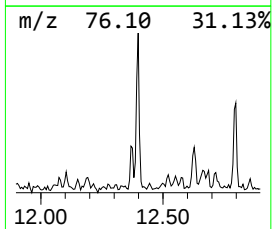
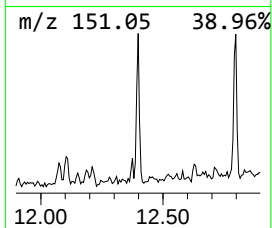
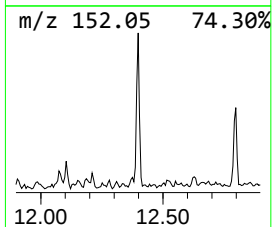
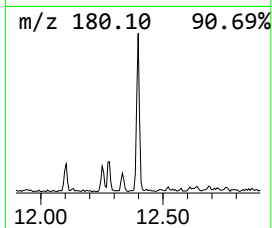
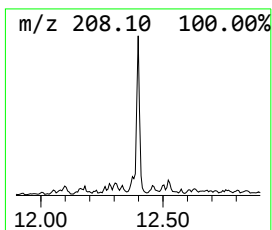
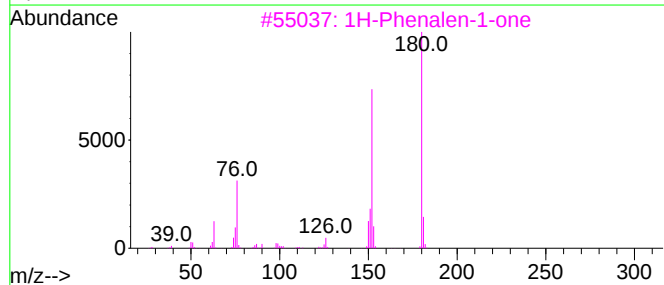
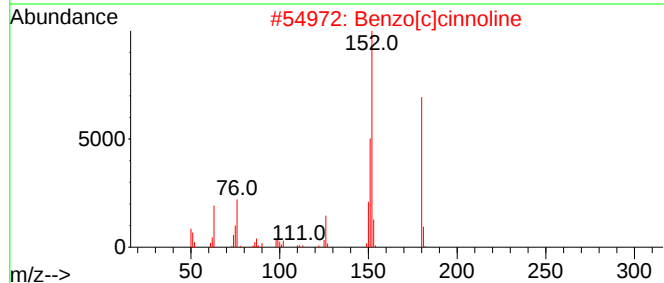
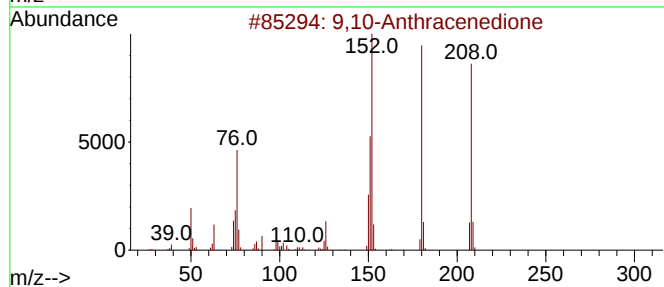
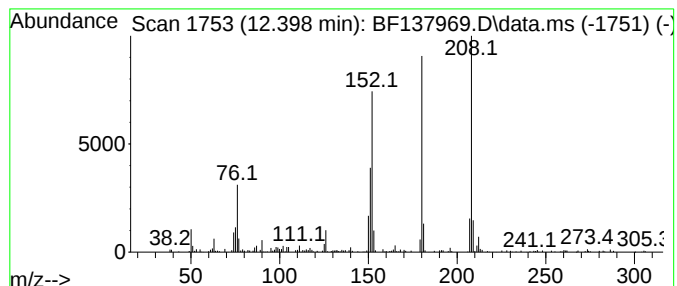
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.80 ng	145332	Phenanthrene-d10	11.575

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
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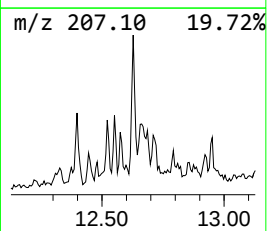
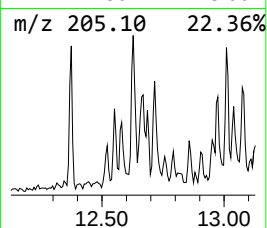
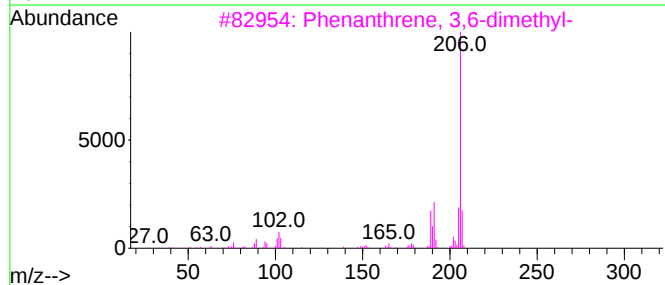
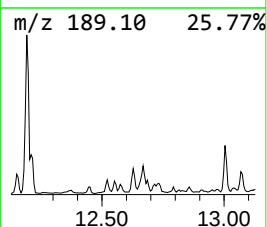
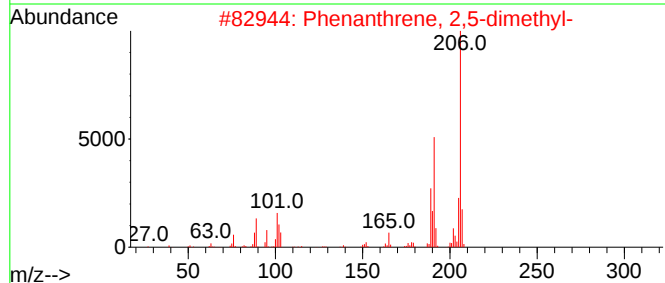
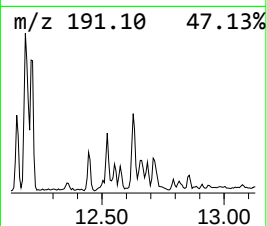
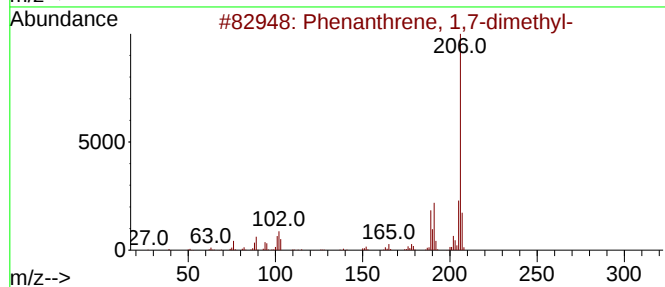
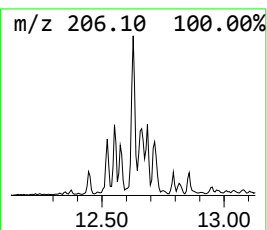
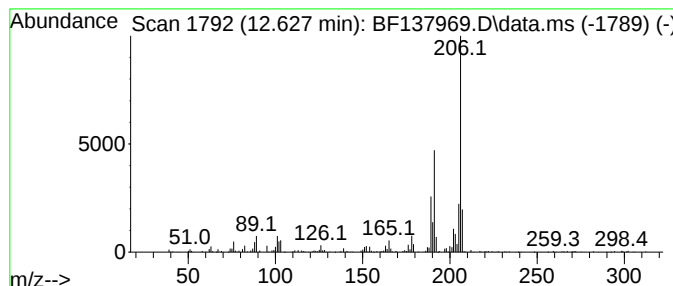
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.628	4.23 ng	219382	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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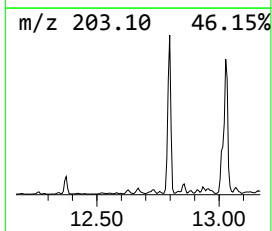
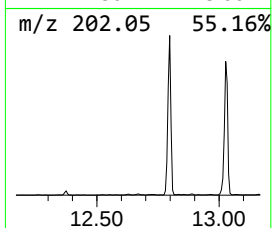
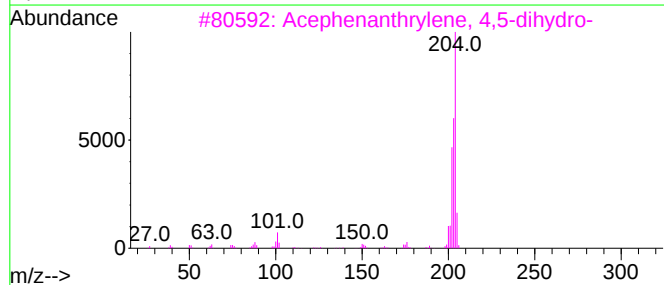
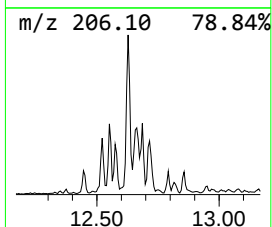
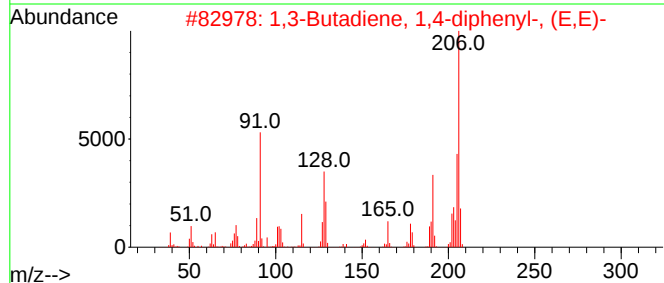
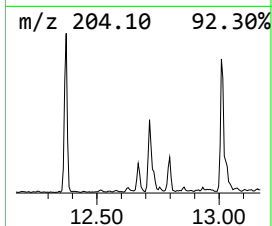
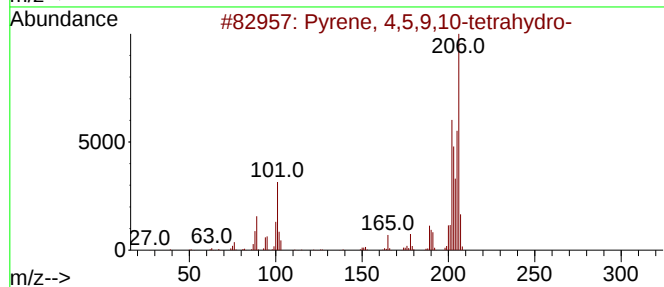
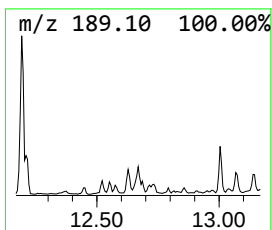
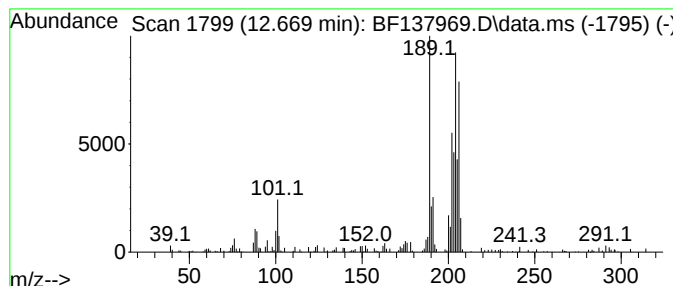
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.669 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	2.75 ng	142649	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	42
3			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
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Sample : P2487-01
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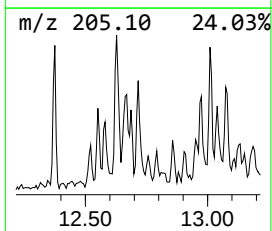
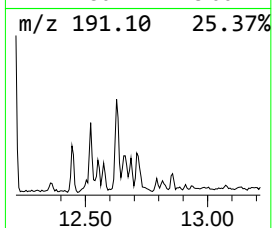
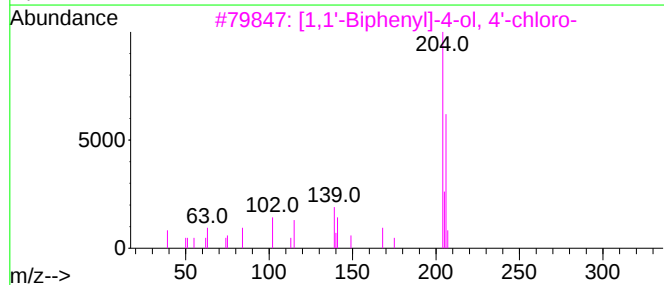
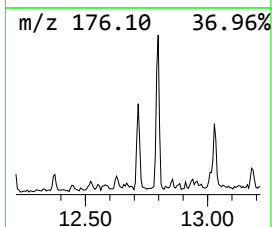
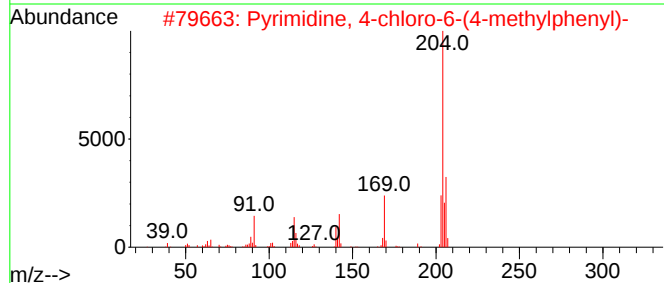
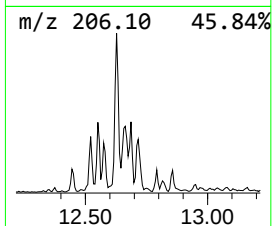
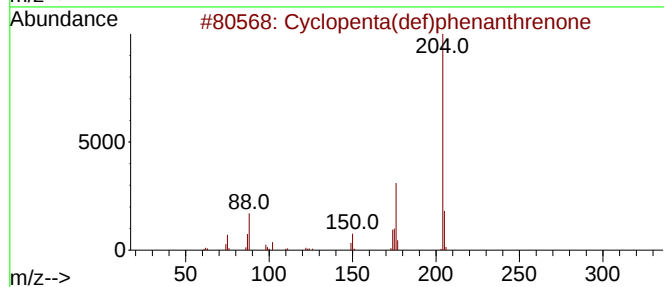
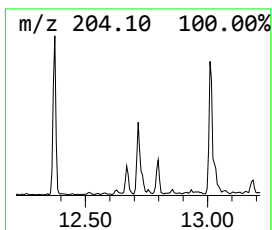
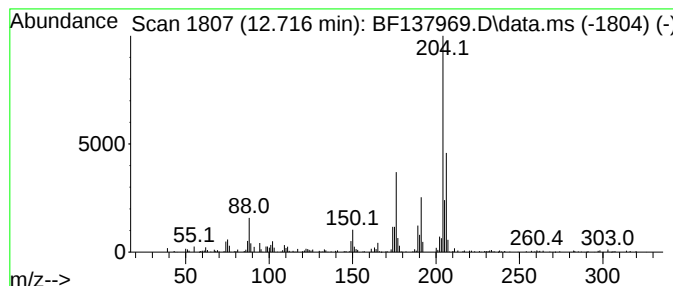
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	3.32 ng	172171	Phenanthrene-d10	11.575

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2		Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	49
3		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
4		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
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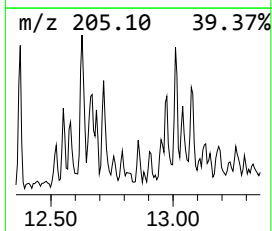
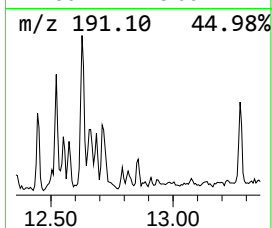
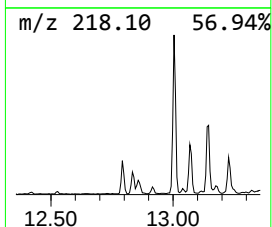
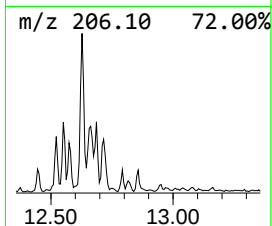
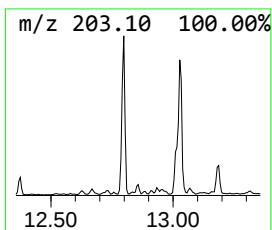
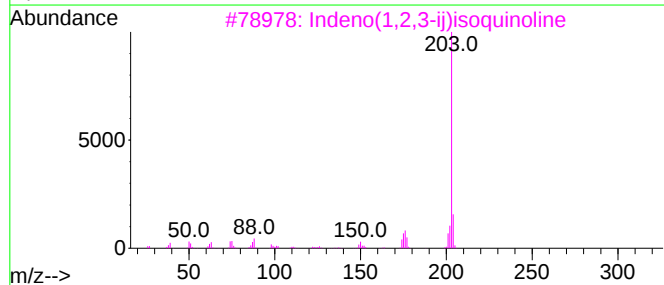
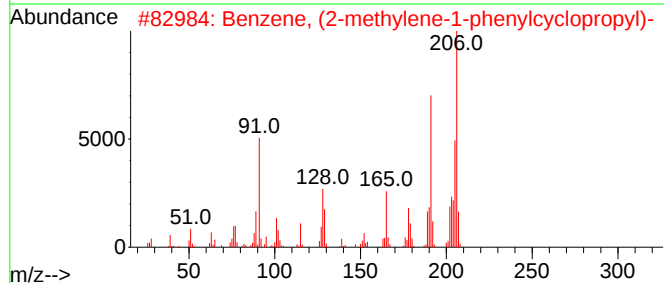
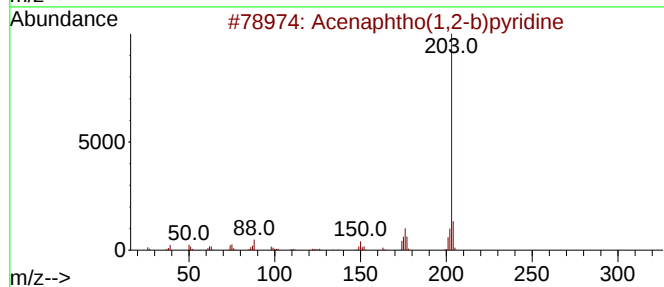
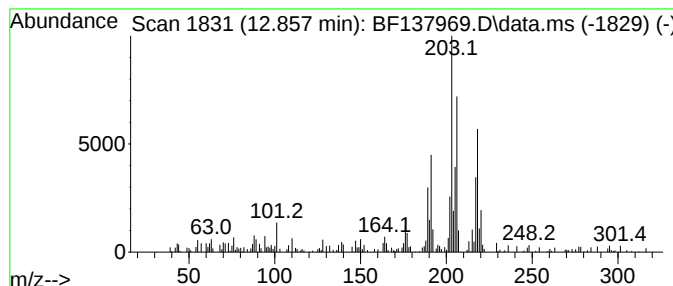
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Acenaphtho(1,2-b)pyridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	2.58 ng	133565	Phenanthrene-d10	11.575

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	51
2			Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	42
3			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	38
4			Quazodine	218	C12H14N2O2	004015-32-1	38
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
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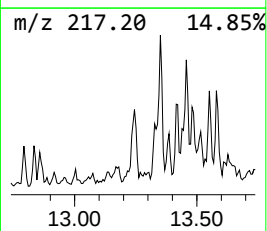
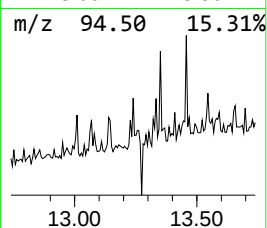
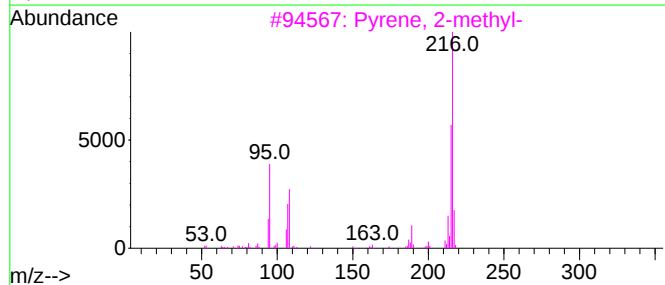
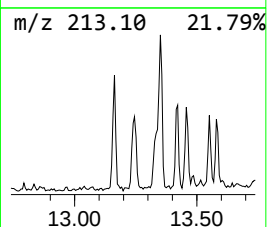
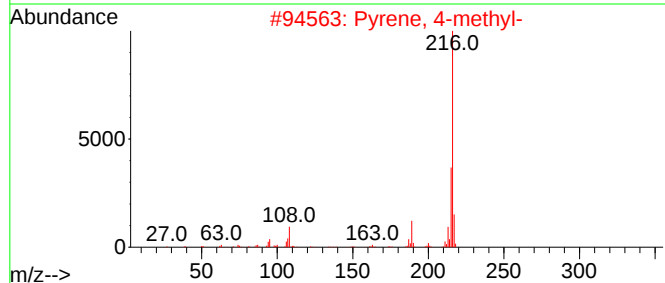
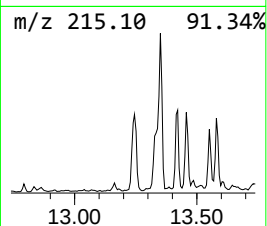
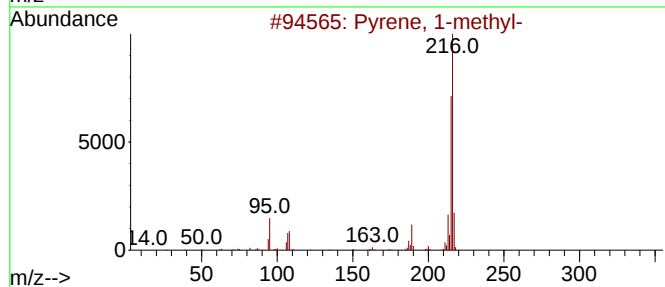
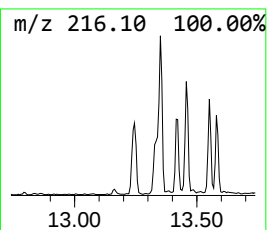
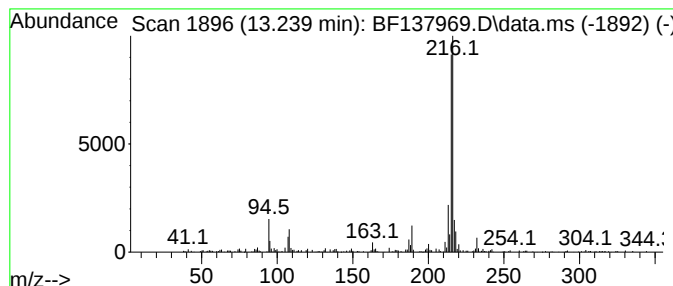
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.59 ng	253157	Chrysene-d12	14.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

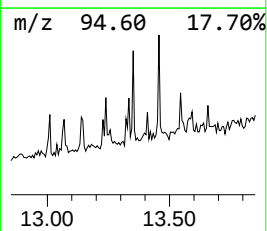
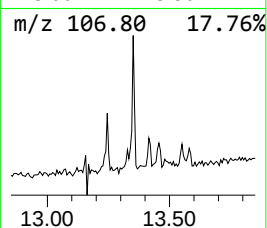
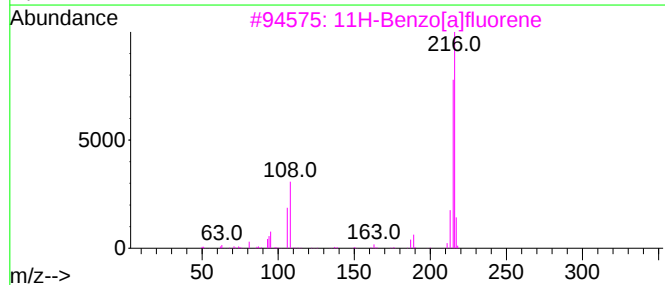
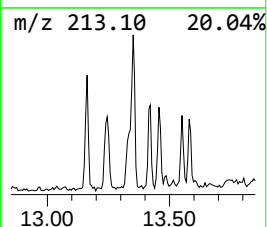
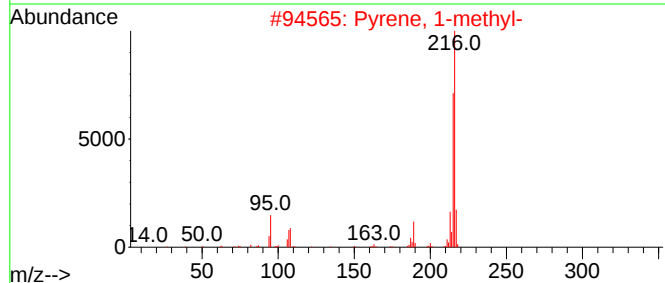
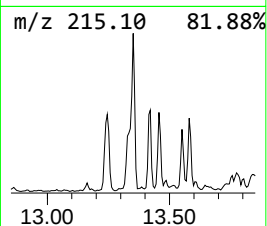
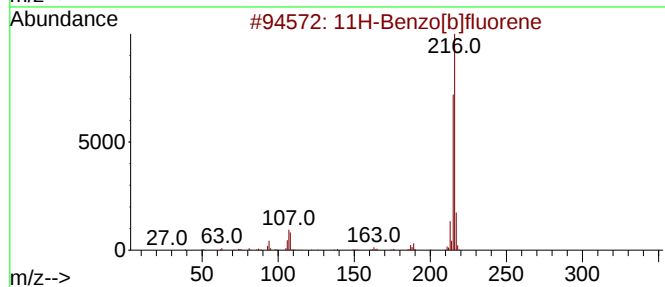
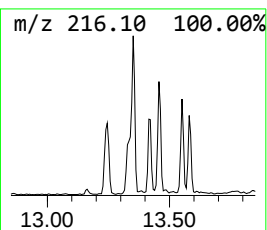
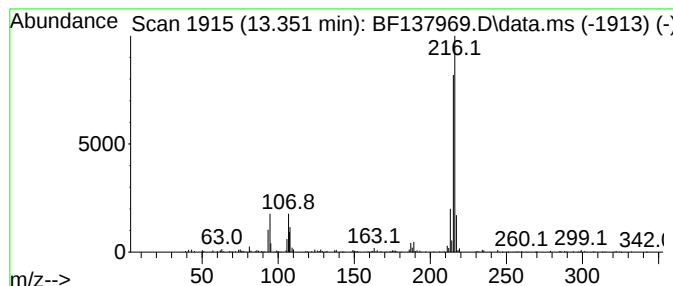
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	2.49 ng	243546	Chrysene-d12	14.227

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	83
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

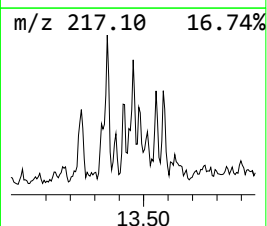
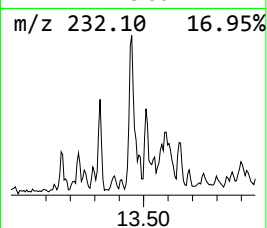
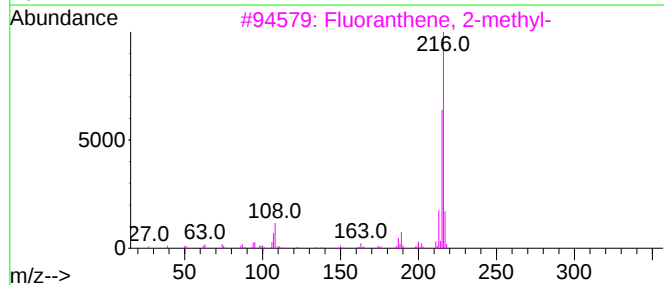
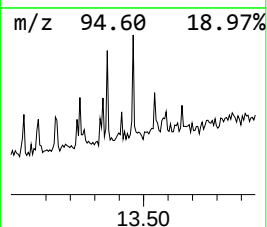
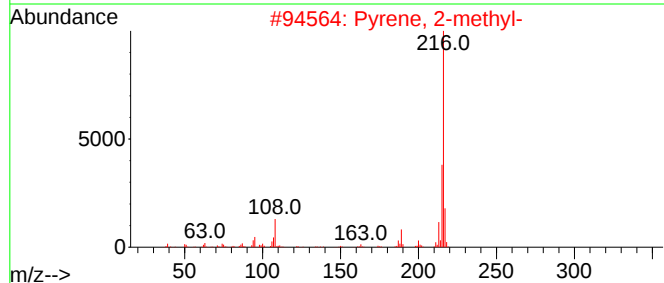
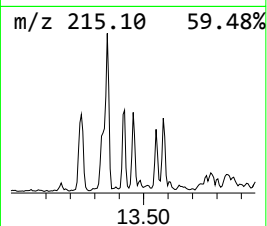
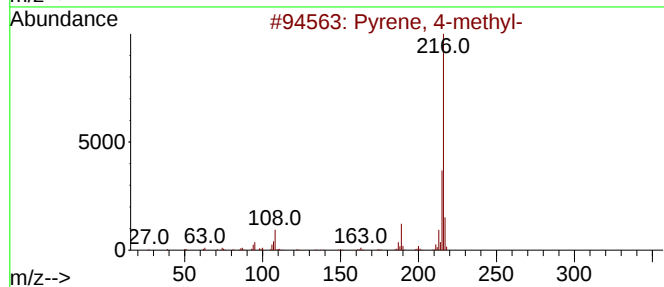
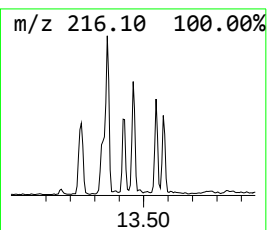
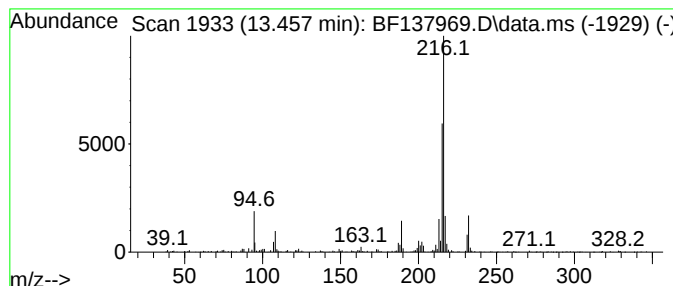
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	2.51 ng	245244	Chrysene-d12	14.227

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

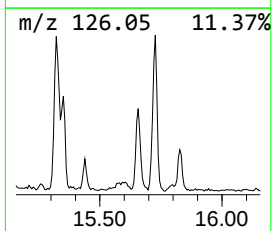
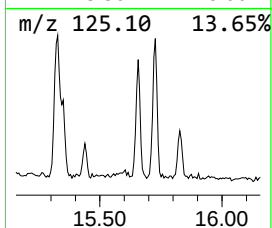
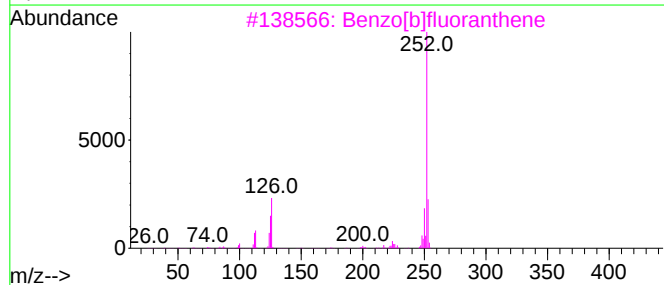
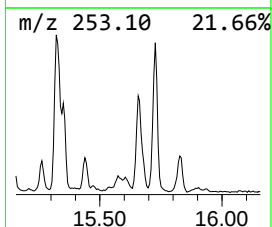
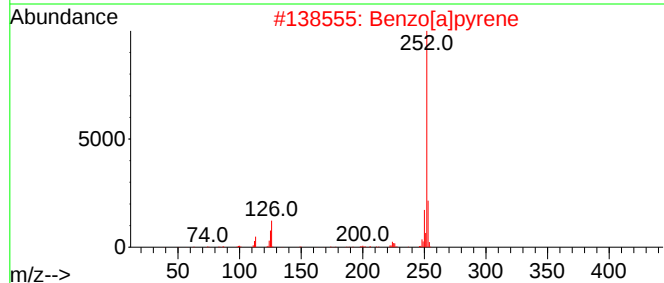
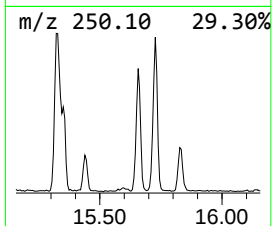
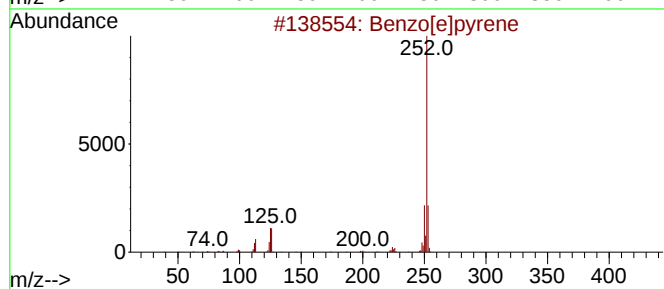
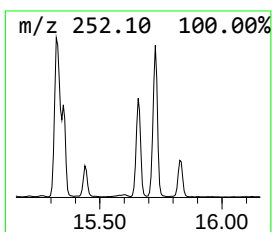
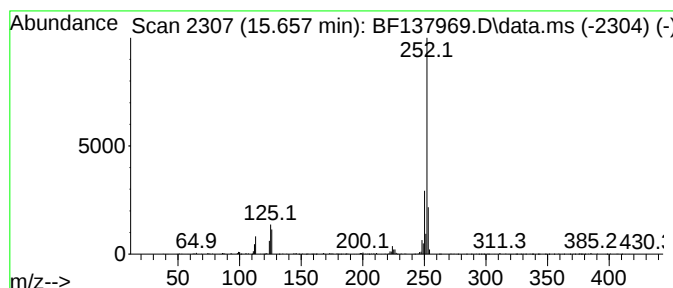
Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.657	14.97 ng	603724	Perylene-d12	15.798	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137969.D
Acq On : 20 May 2024 20:06
Operator : CG\JU
Sample : P2487-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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...	2.381	33.1	ng	1281260	1	7.040	772976	20.0
9H-Fluorene, 2-...	11.181	2.4	ng	124572	4	11.575	1036830	20.0
9H-Fluoren-9-one	11.375	2.3	ng	117009	4	11.575	1036830	20.0
4-(4-Methylphen...	11.416	2.3	ng	121025	4	11.575	1036830	20.0
Naphtho[2,1-b]t...	11.475	2.4	ng	125462	4	11.575	1036830	20.0
1H-Cyclopropa[1...	12.080	9.6	ng	498931	4	11.575	1036830	20.0
Phenanthrene, 2...	12.104	7.9	ng	409253	4	11.575	1036830	20.0
Anthracene, 1-m...	12.151	2.8	ng	146082	4	11.575	1036830	20.0
4H-Cyclopenta[d...	12.192	10.3	ng	534766	4	11.575	1036830	20.0
Phenanthrene, 4...	12.210	3.8	ng	197674	4	11.575	1036830	20.0
Naphthalene, 2-...	12.374	3.9	ng	201921	4	11.575	1036830	20.0
9,10-Anthracene...	12.398	2.8	ng	145332	4	11.575	1036830	20.0
Phenanthrene, 1...	12.628	4.2	ng	219382	4	11.575	1036830	20.0
unknown12.669	12.669	2.8	ng	142649	4	11.575	1036830	20.0
Cyclopenta(def)...	12.716	3.3	ng	172171	4	11.575	1036830	20.0
Acenaphtho(1,2-...	12.857	2.6	ng	133565	4	11.575	1036830	20.0
Pyrene, 1-methyl-	13.239	2.6	ng	253157	5	14.227	1953070	20.0
11H-Benzo[b]flu...	13.351	2.5	ng	243546	5	14.227	1953070	20.0
Pyrene, 4-methyl-	13.457	2.5	ng	245244	5	14.227	1953070	20.0
Benzo[e]pyrene	15.657	15.0	ng	603724	6	15.798	806396	20.0