

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138346.D
 Acq On : 25 Jun 2024 21:08
 Operator : CG\JU
 Sample : P3008-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WS-6-21-24

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-BF061224.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138346.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	10	17	29	rVB	2702362	3555806	98.30%	6.098%
2	5.075	502	508	510	rBV	38278	43987	1.22%	0.075%
3	5.110	510	514	521	rVB	187115	230742	6.38%	0.396%
4	5.510	577	582	585	rBV	3915911	3584612	99.10%	6.148%
5	6.516	748	753	756	rBV	3536740	3399722	93.99%	5.831%
6	6.710	783	786	791	rBV2	43404	47805	1.32%	0.082%
7	6.887	812	816	819	rBV	1640597	1285118	35.53%	2.204%
8	7.445	900	911	914	rBV	2554047	2279863	63.03%	3.910%
9	8.169	1030	1034	1036	rBV	1740278	1580949	43.71%	2.711%
10	8.186	1036	1037	1040	rVB	207438	114902	3.18%	0.197%
11	8.475	1083	1086	1090	rBV	72214	63211	1.75%	0.108%
12	8.875	1152	1154	1158	rBV	94622	80821	2.23%	0.139%
13	8.975	1167	1171	1175	rVB	99462	88174	2.44%	0.151%
14	9.239	1212	1216	1219	rBV	4466889	3572887	98.78%	6.128%
15	9.316	1226	1229	1232	rBV	47473	44986	1.24%	0.077%
16	9.510	1257	1262	1265	rBV2	48926	71869	1.99%	0.123%
17	9.575	1270	1273	1276	rVV	81675	80204	2.22%	0.138%
18	9.639	1280	1284	1286	rVV4	57300	68238	1.89%	0.117%
19	9.780	1305	1308	1312	rVB	158876	129938	3.59%	0.223%
20	9.922	1328	1332	1335	rVB	1928662	1486499	41.10%	2.549%
21	9.951	1335	1337	1341	rVB	472968	360034	9.95%	0.617%
22	10.016	1344	1348	1354	rVB	398136	516734	14.29%	0.886%
23	10.075	1354	1358	1361	rBV4	57716	65485	1.81%	0.112%
24	10.122	1361	1366	1370	rVB	219349	199106	5.50%	0.341%
25	10.163	1370	1373	1378	rVB3	48929	56805	1.57%	0.097%
26	10.239	1382	1386	1388	rBV	64778	84007	2.32%	0.144%
27	10.328	1397	1401	1402	rBV3	62931	74347	2.06%	0.128%
28	10.345	1402	1404	1407	rVB	87464	67394	1.86%	0.116%
29	10.469	1421	1425	1431	rVB	329261	307558	8.50%	0.527%
30	10.533	1431	1436	1438	rBV	71975	87421	2.42%	0.150%
31	10.622	1449	1451	1458	rVB2	95797	89428	2.47%	0.153%
32	10.710	1462	1466	1469	rBV	2313682	2067210	57.15%	3.545%
33	10.833	1482	1487	1494	rVB	277970	334724	9.25%	0.574%
34	11.016	1515	1518	1520	rVB2	62885	58807	1.63%	0.101%
35	11.045	1520	1523	1525	rVB2	60931	52352	1.45%	0.090%
36	11.098	1530	1532	1535	rVB	66219	54759	1.51%	0.094%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.145	1535	1540	1541	rBV3	57382	78019	2.16%	0.134%
38	11.163	1541	1543	1548	rVV4	52914	53622	1.48%	0.092%
39	11.210	1548	1551	1555	rVB2	92751	86053	2.38%	0.148%
40	11.269	1556	1561	1563	rVV3	101083	124903	3.45%	0.214%
41	11.304	1563	1567	1573	rVB2	249049	285219	7.89%	0.489%
42	11.410	1581	1585	1587	rBV	1563545	1543581	42.67%	2.647%
43	11.433	1587	1589	1592	rVV	2121968	1584628	43.81%	2.718%
44	11.480	1594	1597	1600	rVB	520875	430463	11.90%	0.738%
45	11.516	1600	1603	1606	rBV2	94406	96985	2.68%	0.166%
46	11.633	1621	1623	1629	rBV2	130644	166013	4.59%	0.285%
47	11.698	1631	1634	1637	rVV2	101958	94326	2.61%	0.162%
48	11.739	1638	1641	1646	rVB3	71059	78386	2.17%	0.134%
49	11.910	1667	1670	1672	rBV	292475	255251	7.06%	0.438%
50	11.933	1672	1674	1678	rVV2	642693	583671	16.14%	1.001%
51	11.986	1680	1683	1686	rVV	166961	185616	5.13%	0.318%
52	12.022	1686	1689	1691	rVV2	587157	604361	16.71%	1.036%
53	12.045	1691	1693	1696	rVB	223081	180503	4.99%	0.310%
54	12.110	1701	1704	1707	rVB2	71315	73363	2.03%	0.126%
55	12.204	1717	1720	1722	rBV	226787	169591	4.69%	0.291%
56	12.227	1722	1724	1728	rVB2	131720	115160	3.18%	0.198%
57	12.357	1743	1746	1748	rVB	96906	82050	2.27%	0.141%
58	12.386	1748	1751	1753	rBV	144226	124169	3.43%	0.213%
59	12.410	1753	1755	1757	rVB	84605	63117	1.74%	0.108%
60	12.463	1761	1764	1767	rVV	211008	218922	6.05%	0.375%
61	12.498	1767	1770	1773	rVV2	165519	210186	5.81%	0.360%
62	12.545	1776	1778	1784	rVB2	147373	171218	4.73%	0.294%
63	12.627	1788	1792	1795	rVV	3538322	2748175	75.98%	4.713%
64	12.663	1795	1798	1800	rVV2	376931	313128	8.66%	0.537%
65	12.716	1804	1807	1809	rBV	155002	137360	3.80%	0.236%
66	12.774	1815	1817	1820	rVB	108205	85242	2.36%	0.146%
67	12.851	1824	1830	1835	rBV	2827783	3246514	89.75%	5.568%
68	12.898	1836	1838	1843	rVB2	127154	151470	4.19%	0.260%
69	12.992	1848	1854	1861	rVB	3784301	3617178	100.00%	6.204%
70	13.068	1862	1867	1870	rBV2	243803	400593	11.07%	0.687%
71	13.157	1879	1882	1883	rBV3	144965	174553	4.83%	0.299%
72	13.174	1883	1885	1889	rVB	444673	432326	11.95%	0.741%
73	13.245	1894	1897	1899	rVV	317752	265423	7.34%	0.455%
74	13.280	1900	1903	1906	rVB2	339536	328435	9.08%	0.563%
75	13.374	1916	1919	1921	rVB	199312	146716	4.06%	0.252%
76	13.404	1921	1924	1927	rBV	203164	173677	4.80%	0.298%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.680	1969	1971	1976	rVB	275554	291080	8.05%	0.499%
78	13.827	1993	1996	1998	rBV	183556	149528	4.13%	0.256%
79	13.845	1998	1999	2004	rVV2	136153	195984	5.42%	0.336%
80	13.892	2004	2007	2014	rVB	487858	570256	15.77%	0.978%
81	14.045	2028	2033	2036	rBV3	1914891	2727413	75.40%	4.678%
82	14.074	2036	2038	2043	rVB	1345408	1133411	31.33%	1.944%
83	14.151	2049	2051	2054	rVB	203000	149402	4.13%	0.256%
84	14.433	2097	2099	2102	rVB	256634	190270	5.26%	0.326%
85	14.463	2102	2104	2108	rVB	143518	140160	3.87%	0.240%
86	15.092	2207	2211	2214	rBV	878482	1314304	36.34%	2.254%
87	15.198	2226	2229	2233	rBV	193192	211936	5.86%	0.363%
88	15.398	2259	2263	2269	rVB	537607	685474	18.95%	1.176%
89	15.462	2270	2274	2280	rVV	753088	933716	25.81%	1.601%
90	15.521	2280	2284	2287	rVV	732405	933219	25.80%	1.600%
91	15.551	2287	2289	2296	rVB2	247404	358138	9.90%	0.614%
92	17.004	2531	2536	2544	rVB2	298708	606448	16.77%	1.040%
93	17.451	2608	2612	2625	rVB	250576	530801	14.67%	0.910%
94	18.192	2732	2738	2753	rVB8	347721	1020109	28.20%	1.750%

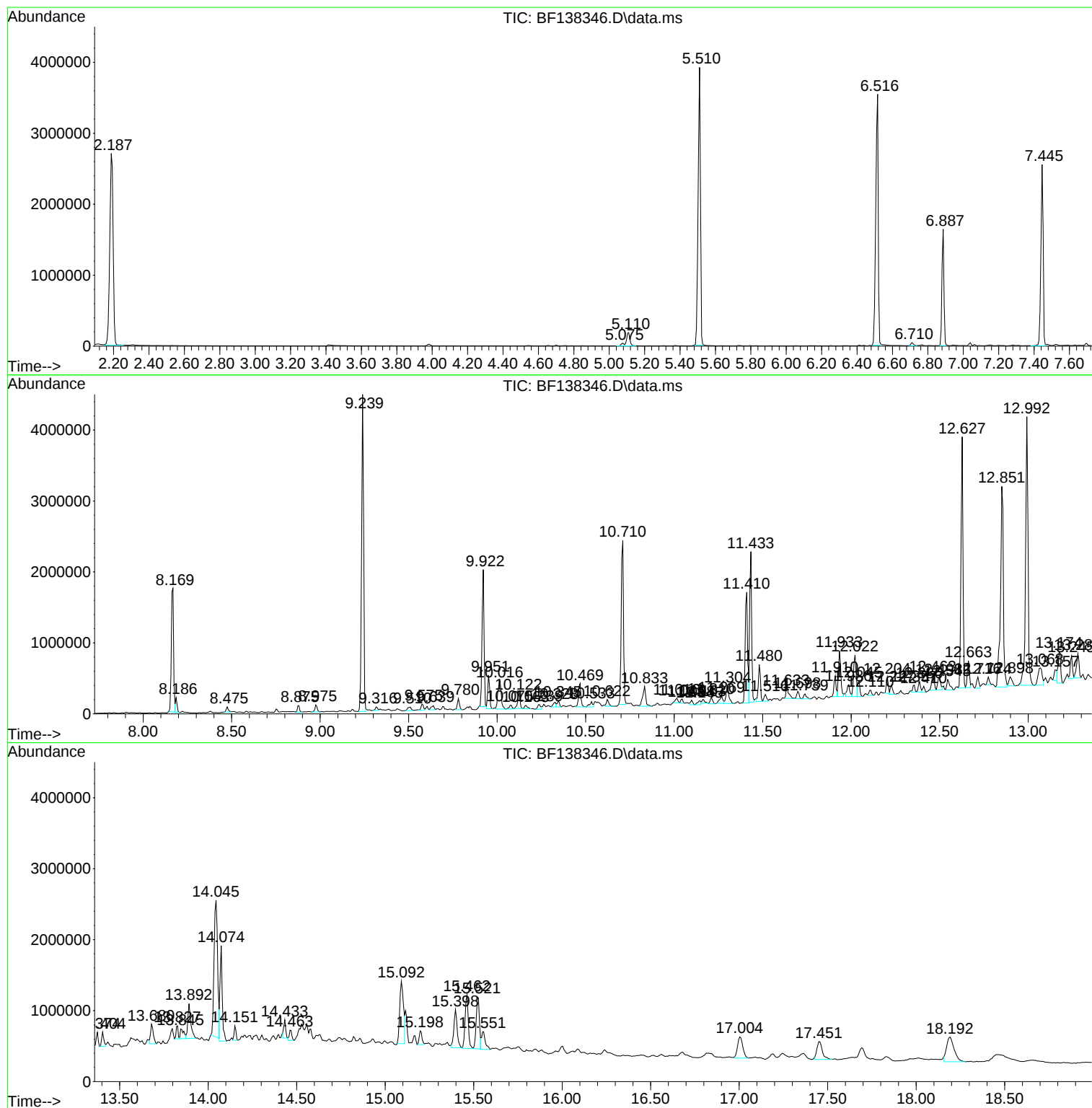
Sum of corrected areas: 58308319

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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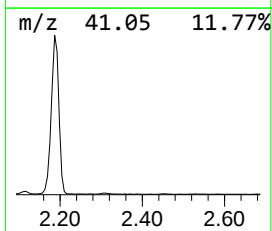
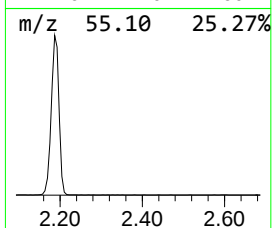
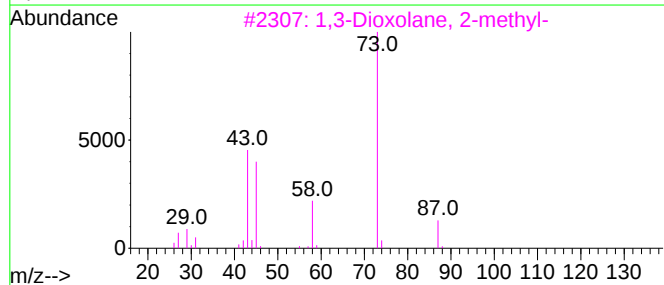
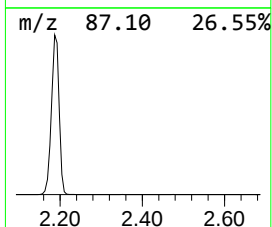
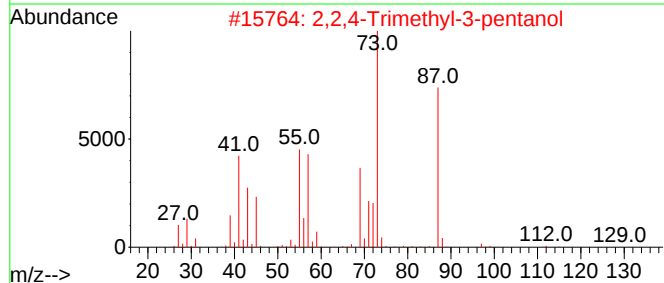
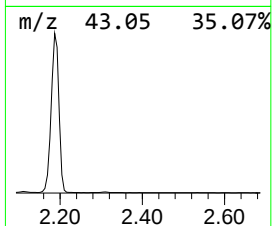
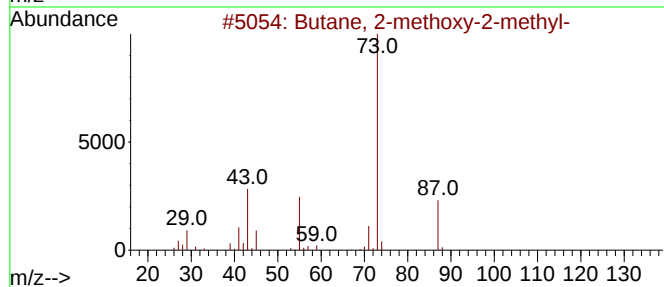
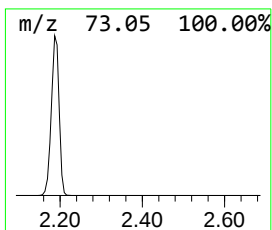
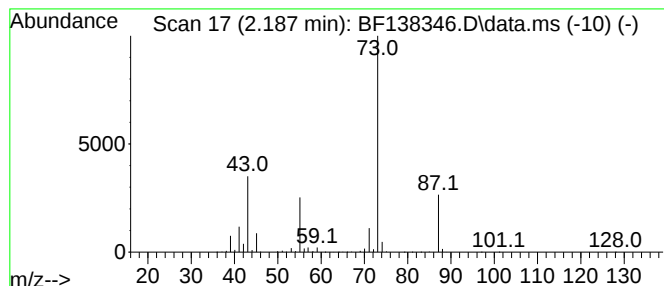
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.187	55.34 ng	3555810	1,4-Dichlorobenzene-d4	6.887

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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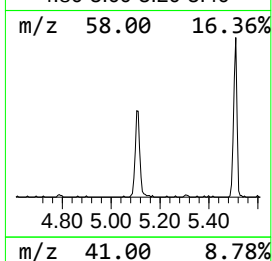
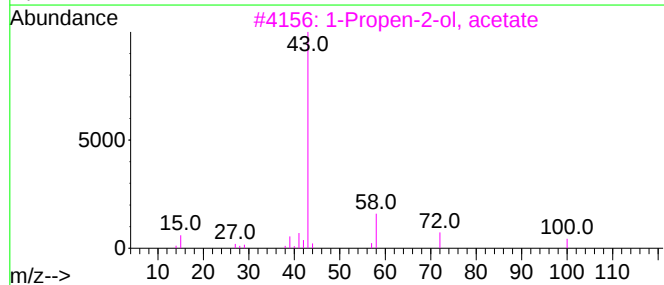
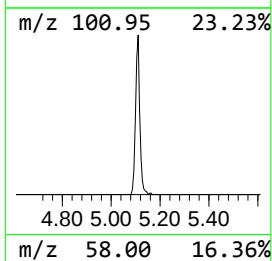
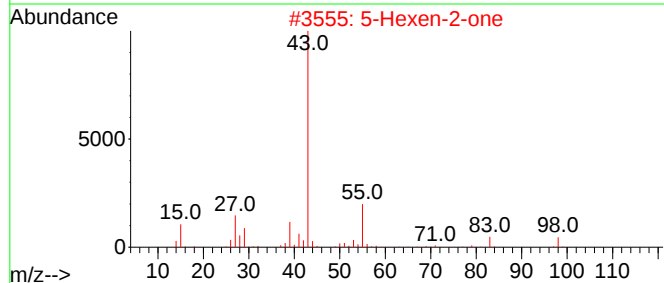
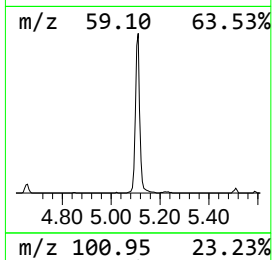
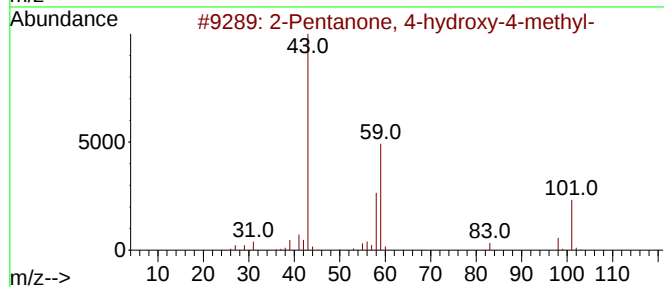
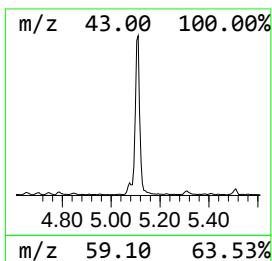
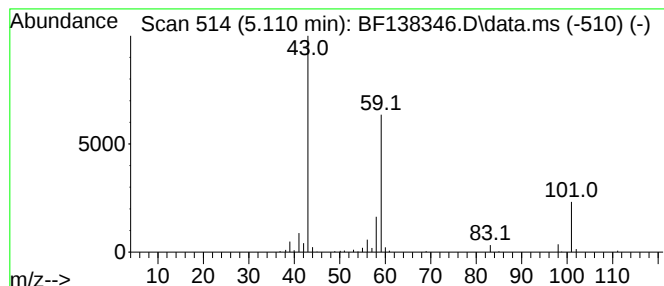
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	3.59 ng	230742	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			5-Hexen-2-one	98	C6H10O	000109-49-9	10
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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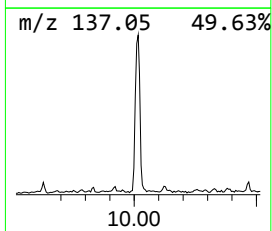
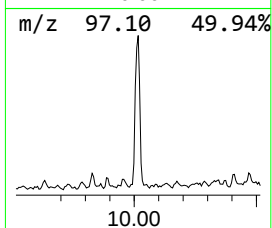
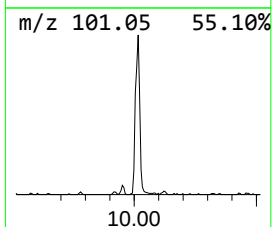
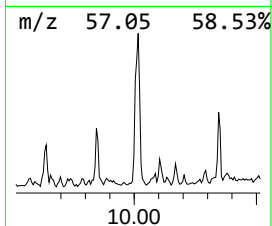
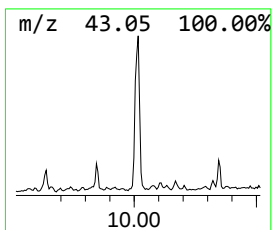
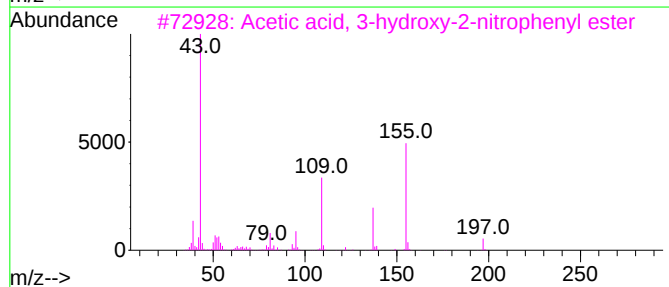
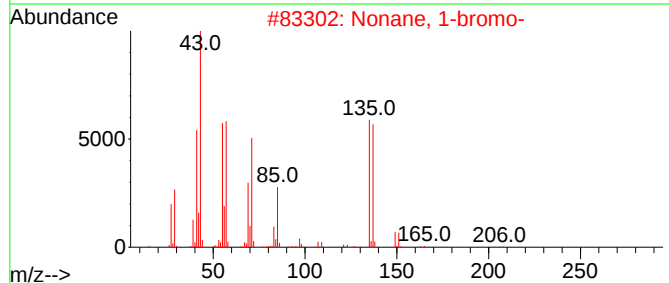
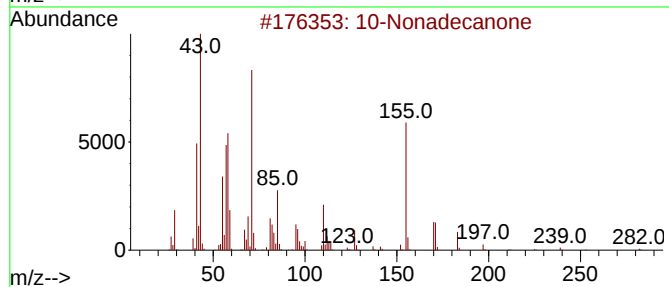
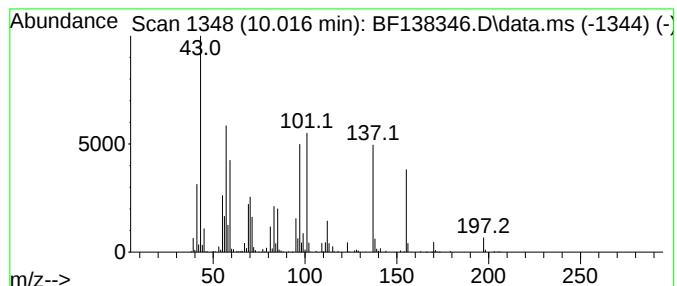
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown10.016 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	6.95 ng	516734	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Nonadecanone		282	C19H38O	000504-57-4	12
2	Nonane, 1-bromo-		206	C9H19Br	000693-58-3	11
3	Acetic acid, 3-hydroxy-2-nitroph...		197	C8H7NO5	1000269-41-1	10
4	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	10
5	Succinic acid, isobutyl tetradec...		370	C22H42O4	1000324-99-2	10



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Data File : BF138346.D
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Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-WS-6-21-24

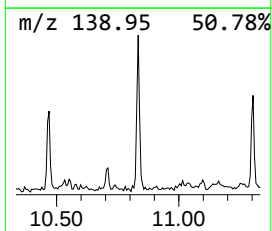
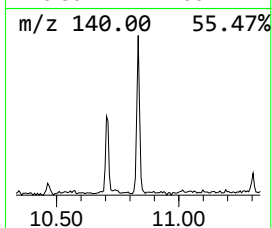
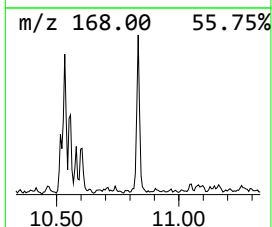
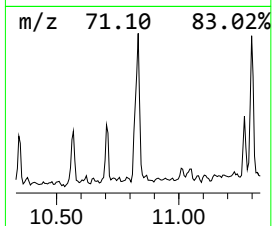
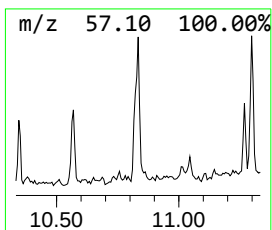
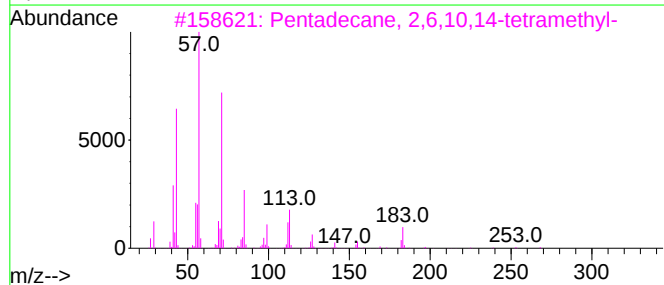
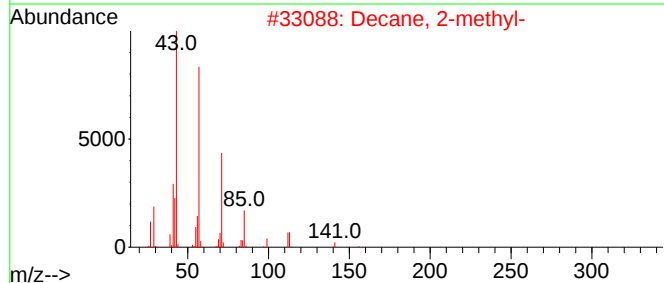
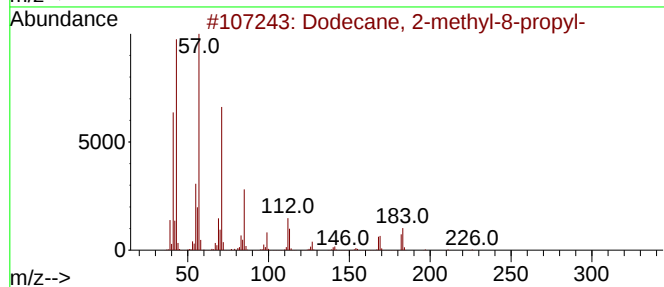
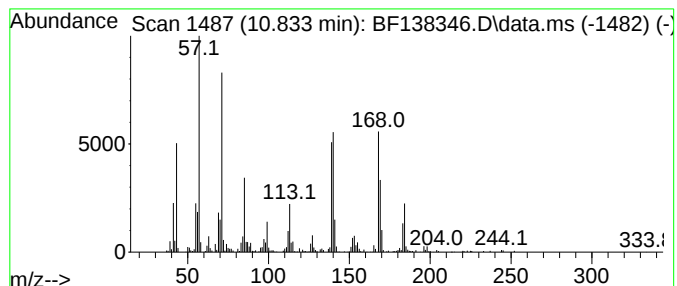
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2-methyl-8-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	4.34 ng	334724	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	60
2			Decane, 2-methyl-	156	C11H24	006975-98-0	42
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
4			Dodecane	170	C12H26	000112-40-3	38
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
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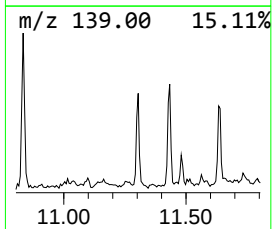
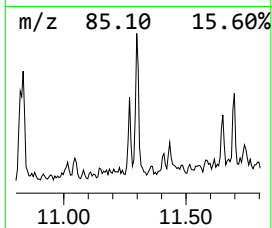
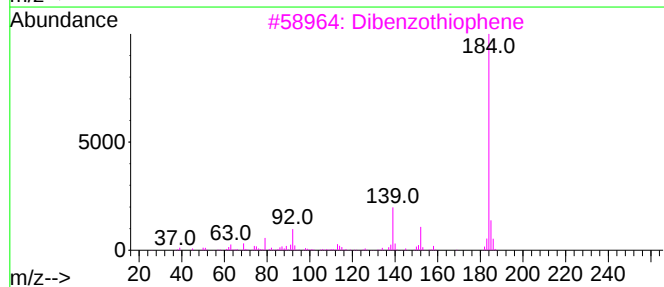
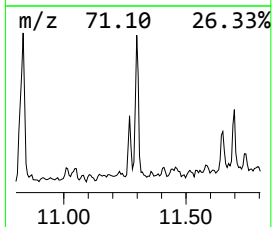
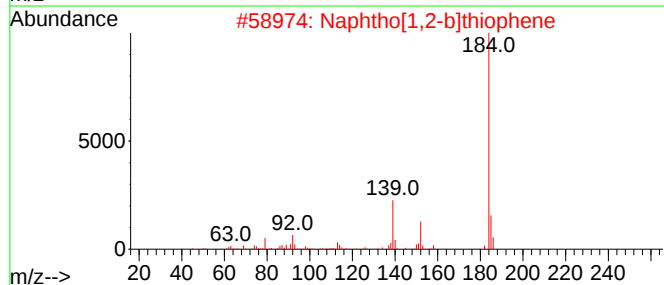
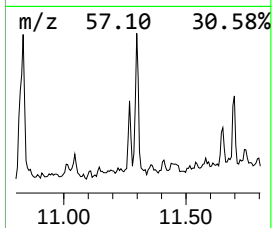
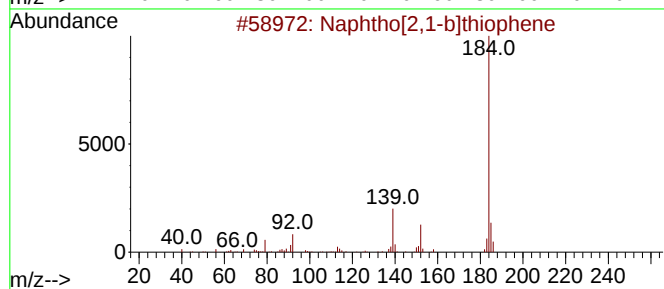
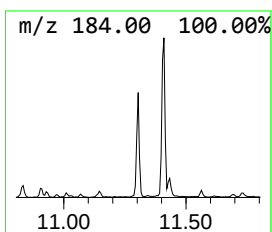
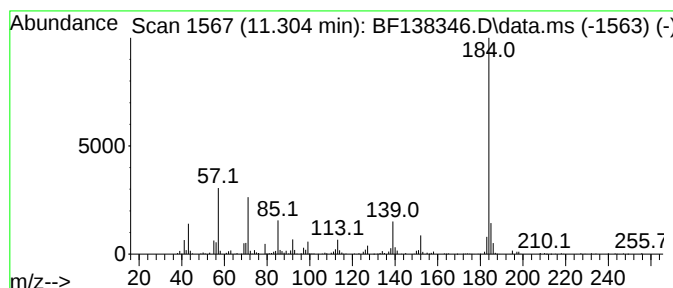
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.70 ng	285219	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3			Dibenzothiophene	184	C12H8S	000132-65-0	89
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
5			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
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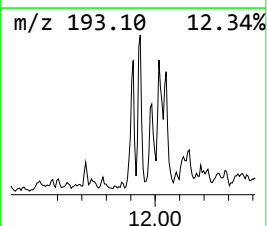
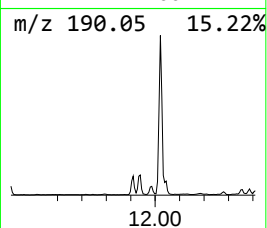
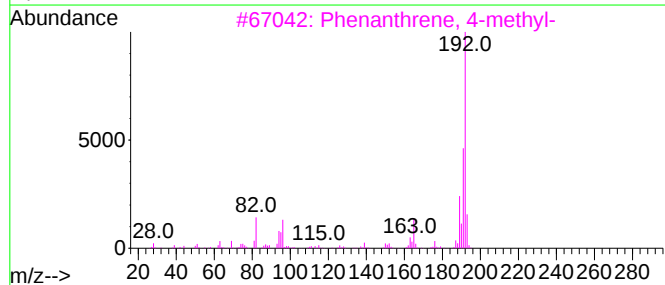
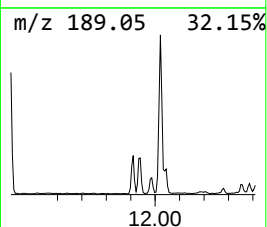
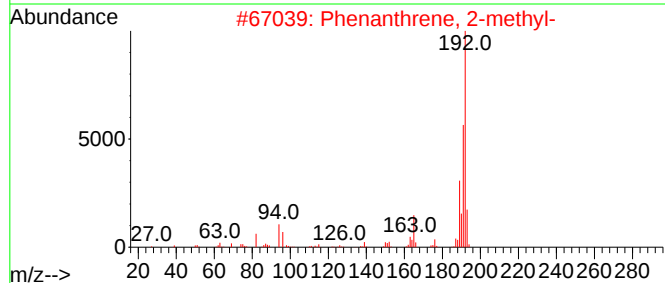
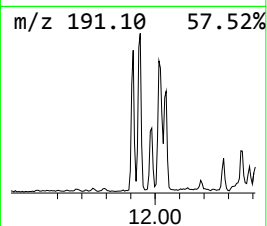
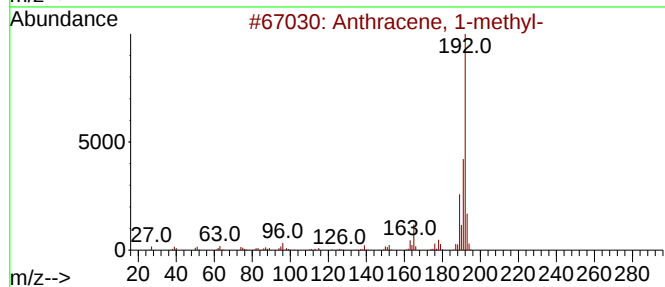
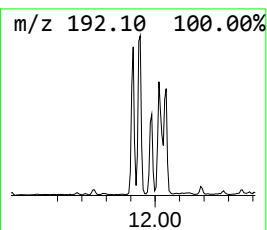
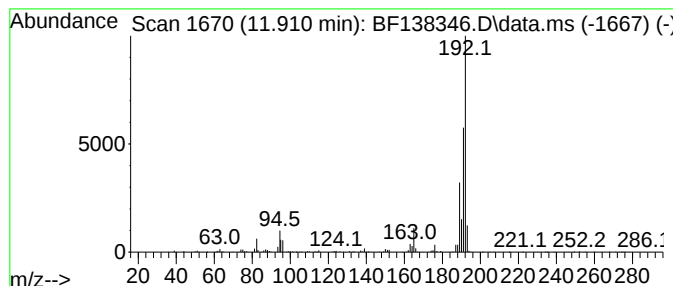
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.31 ng	255251	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
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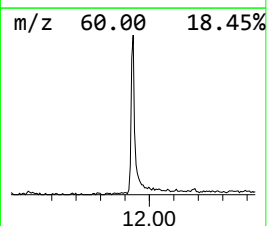
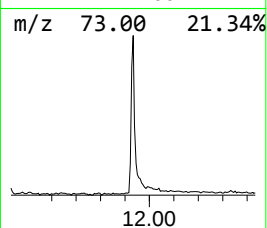
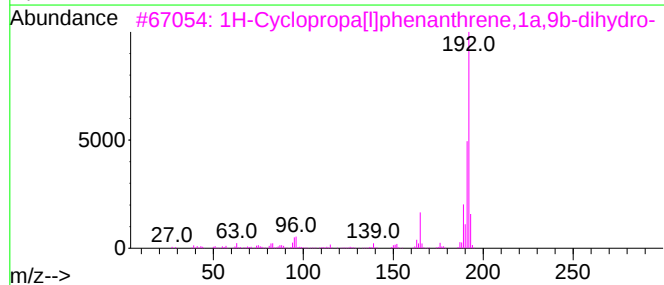
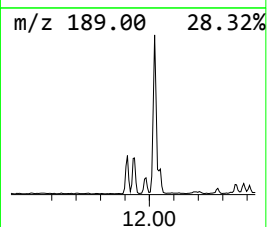
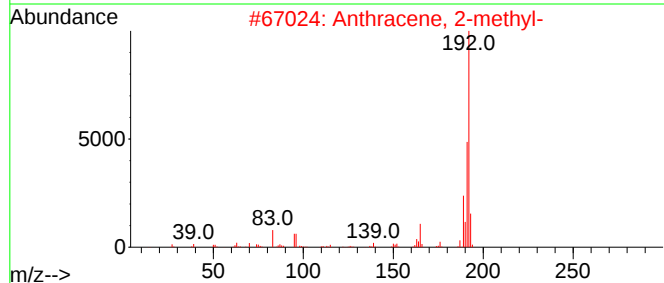
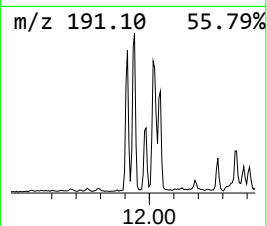
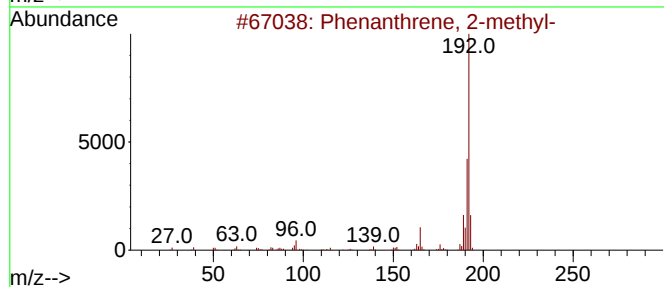
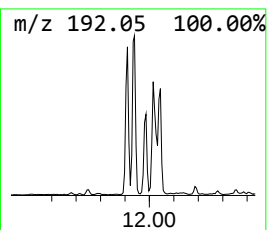
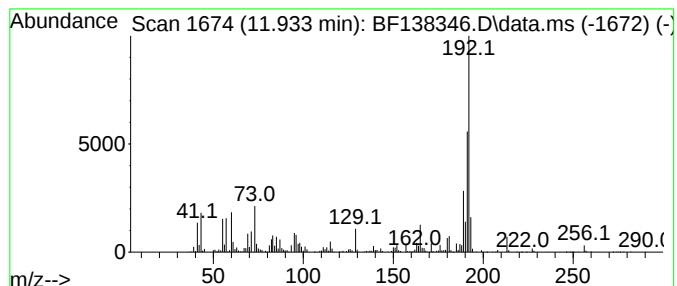
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.933	7.56 ng	583671	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
3	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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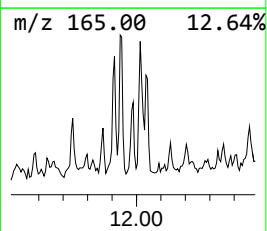
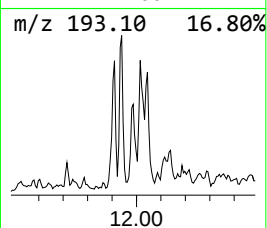
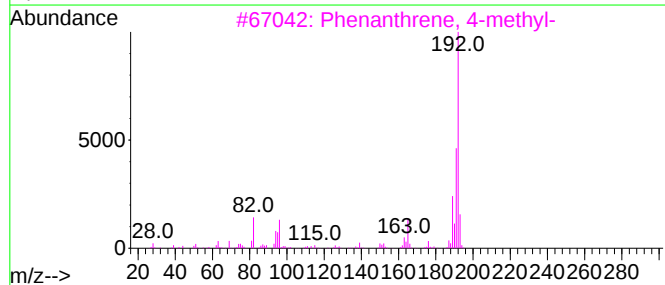
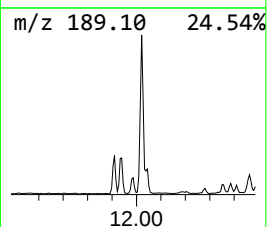
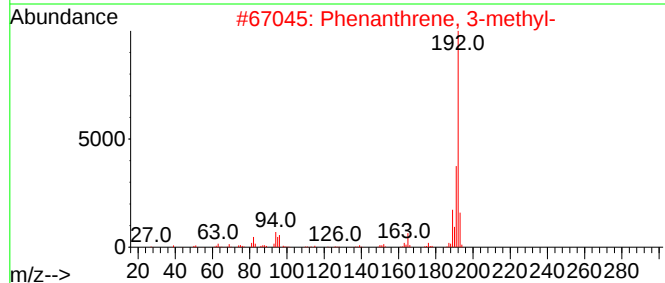
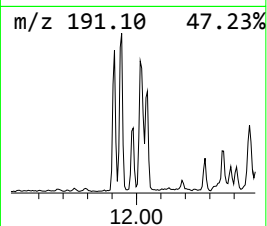
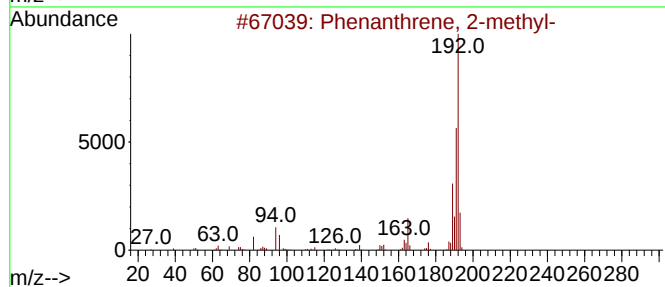
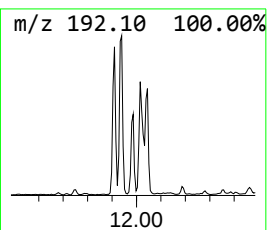
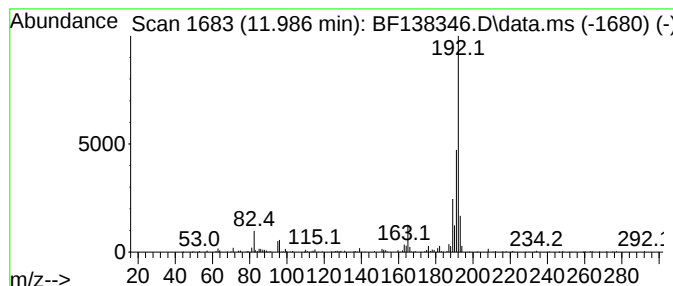
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.986	2.40 ng	185616	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
2	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	94
3	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	93
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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Acq On : 25 Jun 2024 21:08
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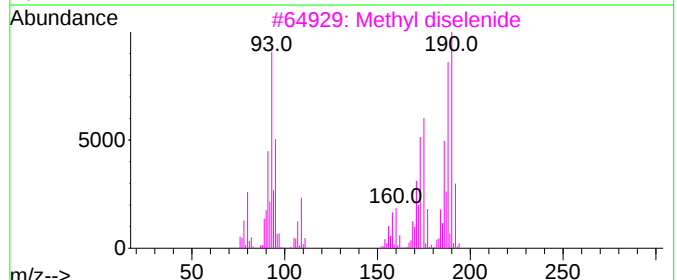
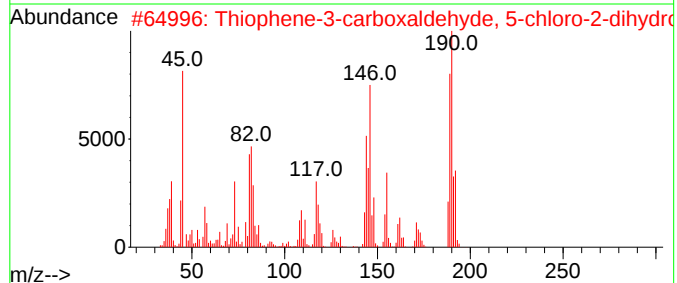
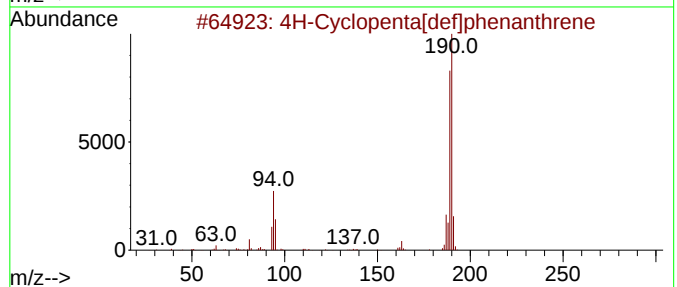
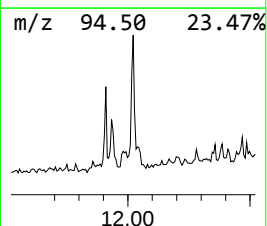
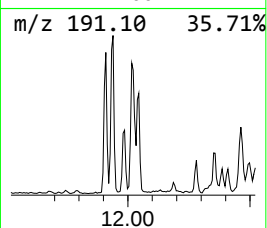
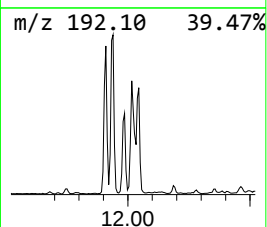
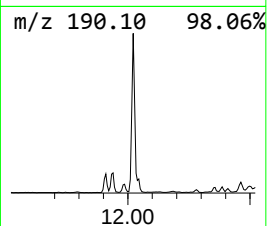
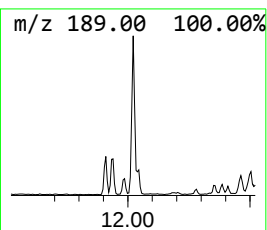
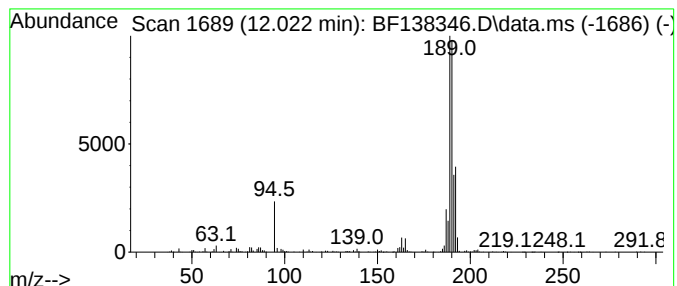
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.022	7.83 ng	604361	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide		190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
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ALS Vial : 23 Sample Multiplier: 1

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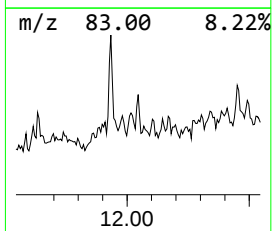
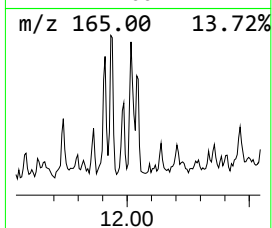
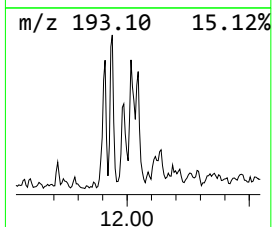
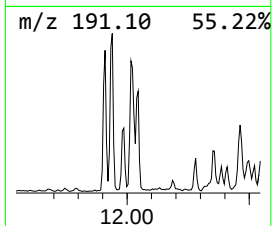
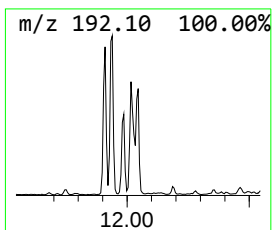
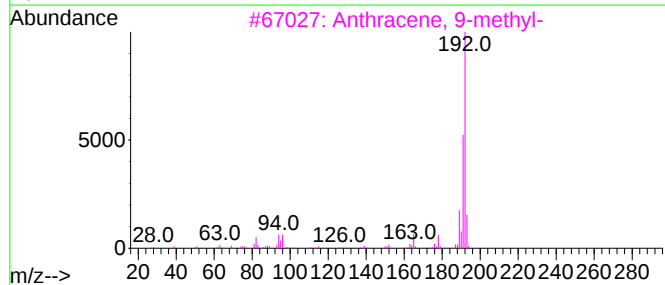
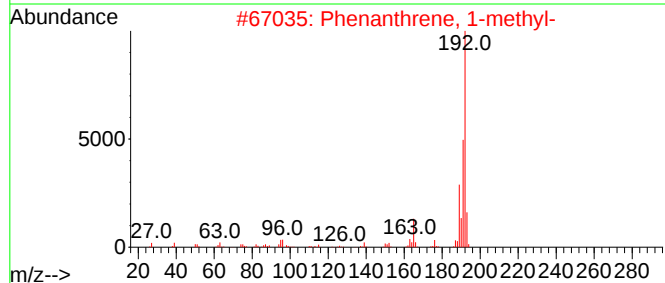
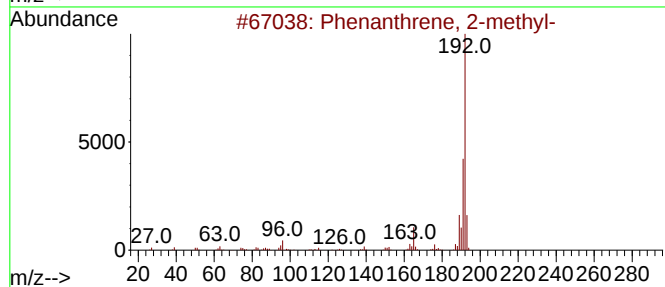
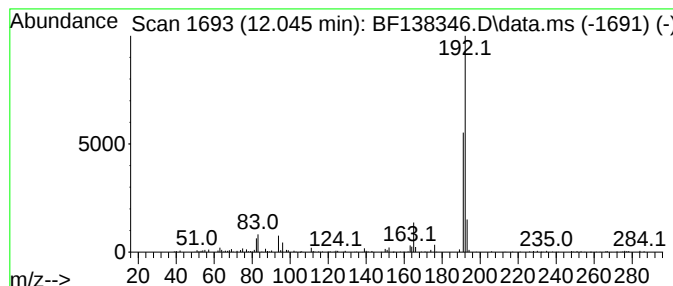
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	2.34 ng	180503	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

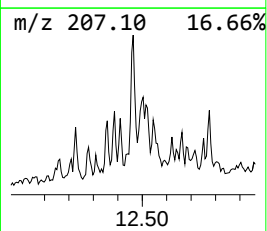
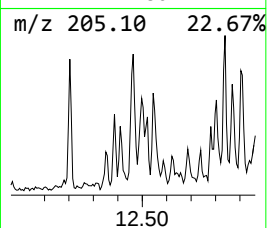
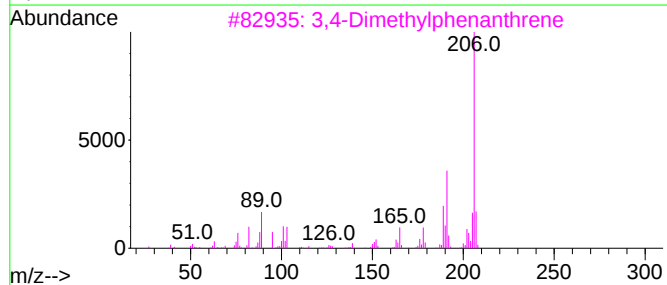
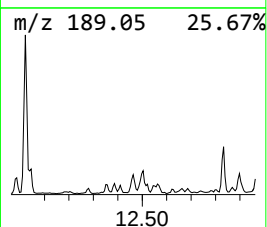
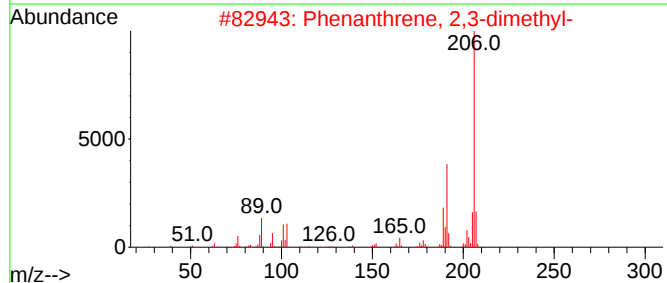
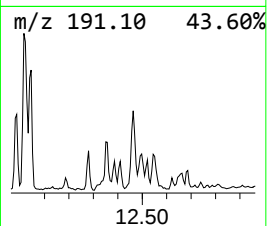
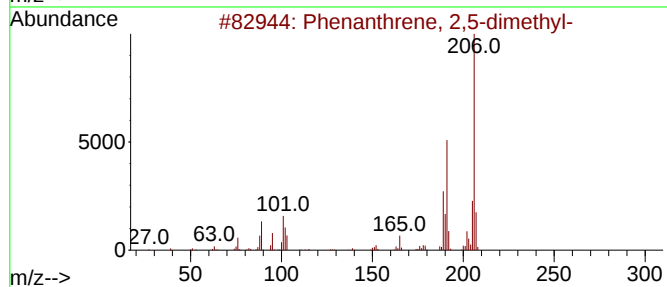
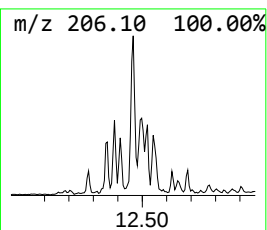
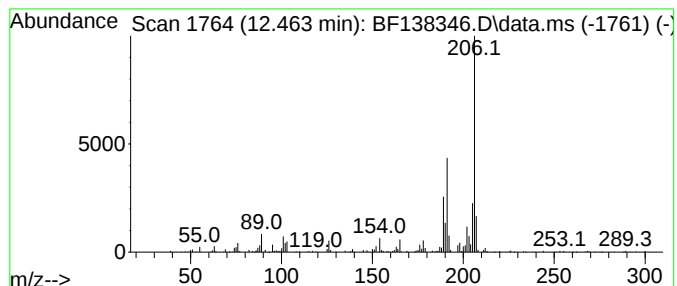
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.463	2.84 ng	218922	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
3	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	90
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	87
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

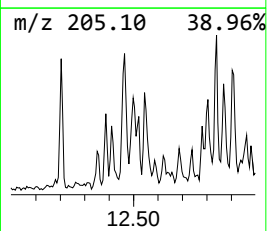
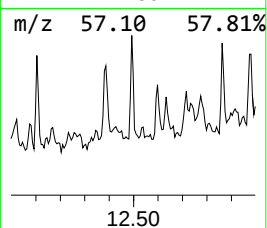
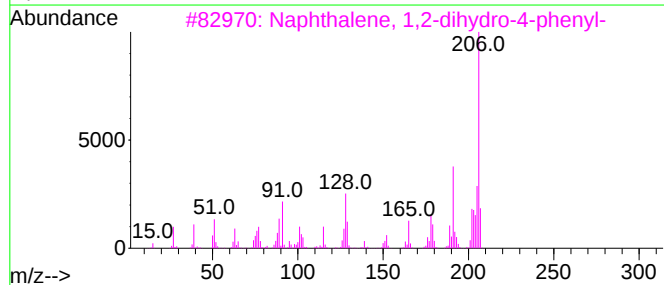
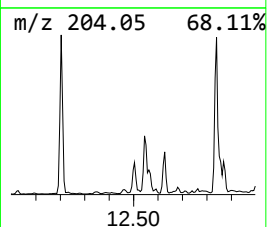
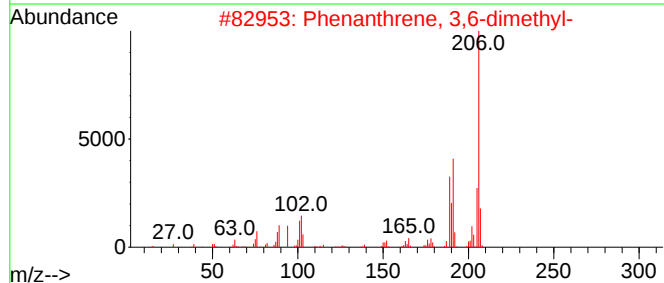
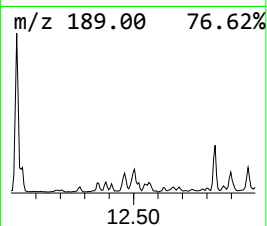
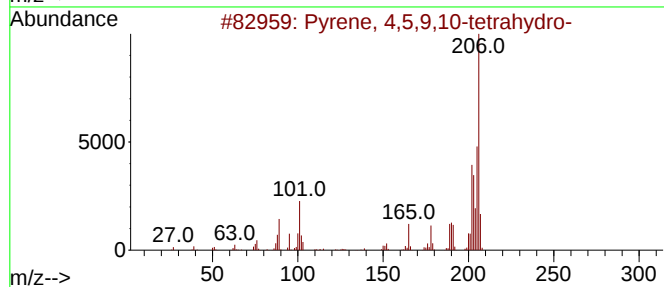
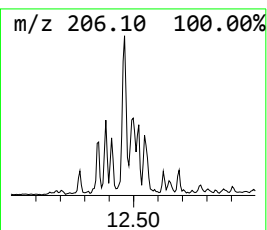
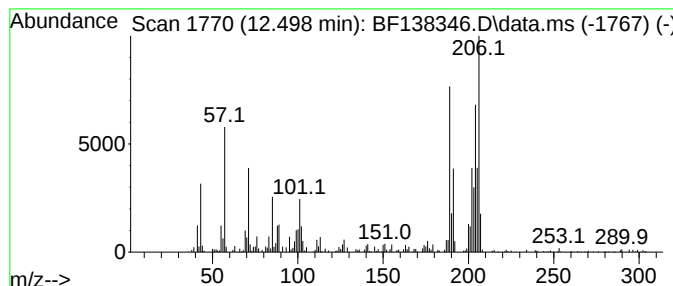
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WC-WS-6-21-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.498	2.72 ng	210186	Phenanthrene-d10			11.410
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	52
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	30
4		Benzene, 1,1'-(1,3-butadienyli...	206	C16H14	004165-81-5	30
5		4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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Sample : P3008-01
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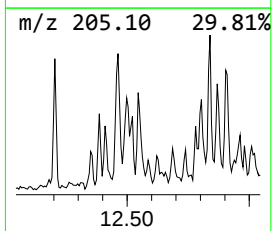
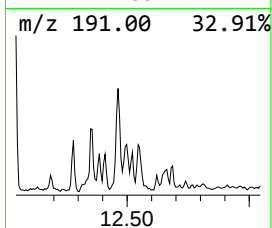
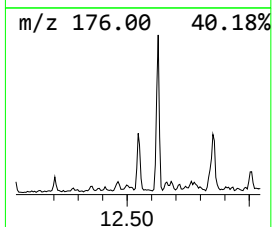
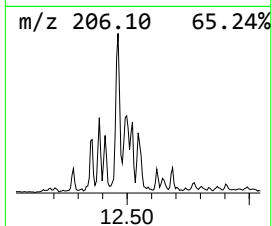
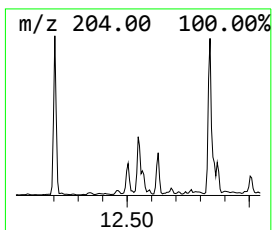
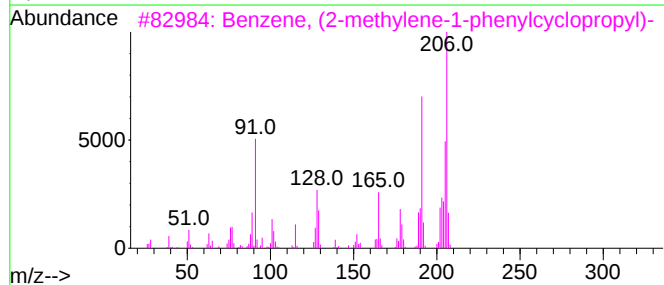
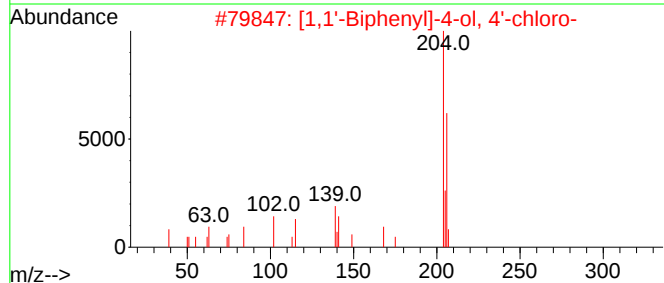
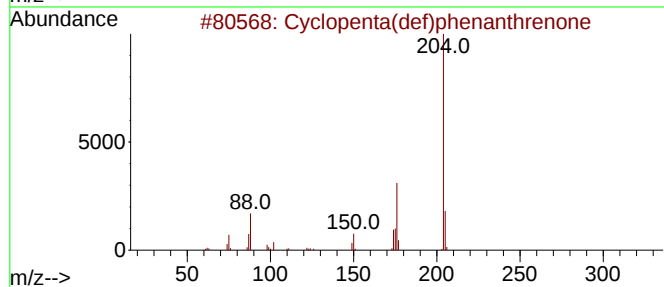
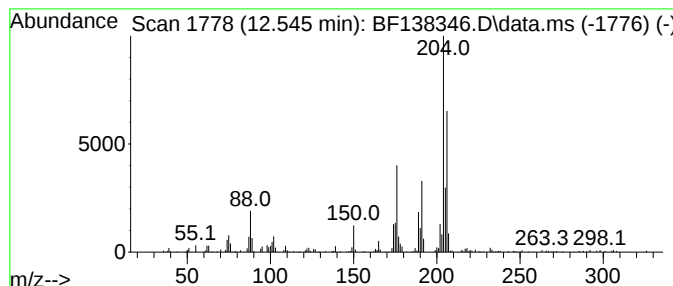
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.545	2.22 ng	171218	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-		204	C12H9ClO	028034-99-3	43
3	Benzene, (2-methylene-1-phenylcy...		206	C16H14	025152-47-0	42
4	4(equat)-(but-3-en-1-ynyl)-2(axi...		219	C14H21NO	038423-22-2	38
5	9,10-Dimethylantracene		206	C16H14	000781-43-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
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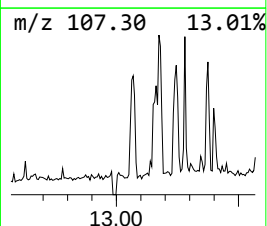
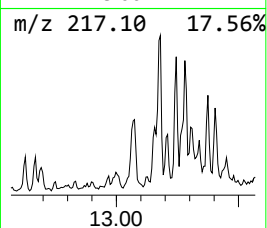
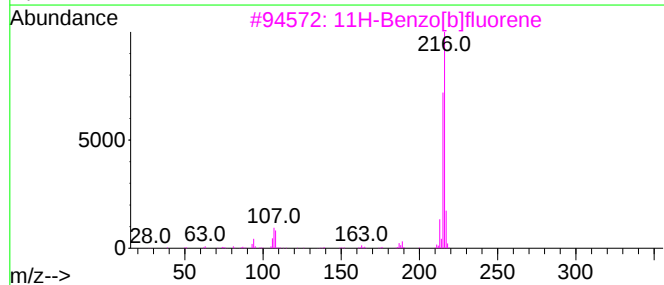
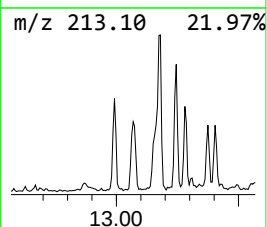
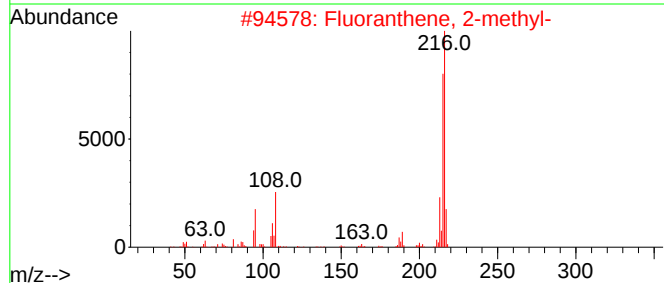
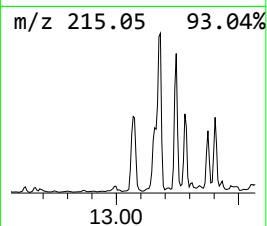
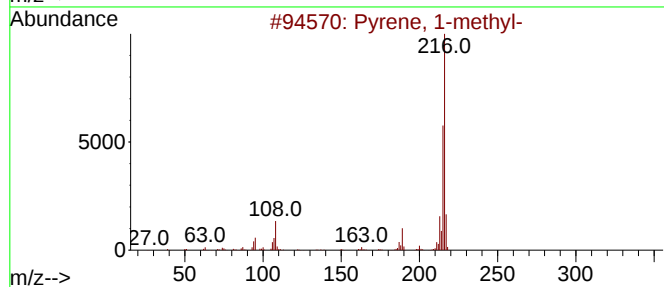
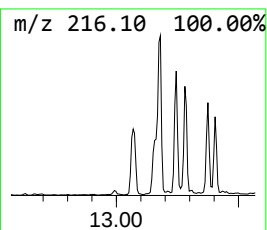
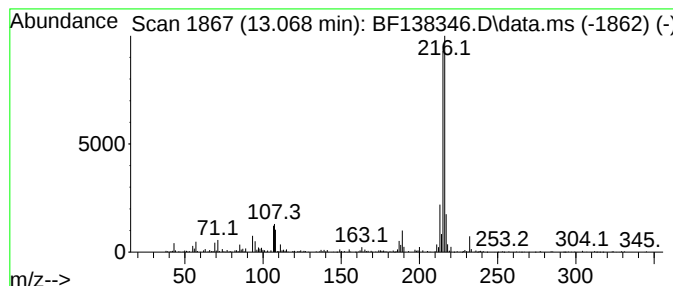
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.069	2.94 ng	400593	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-		216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-WS-6-21-24

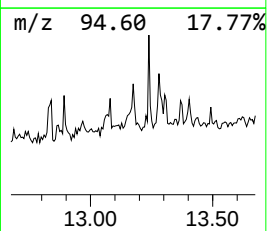
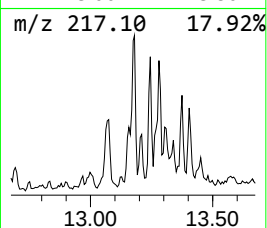
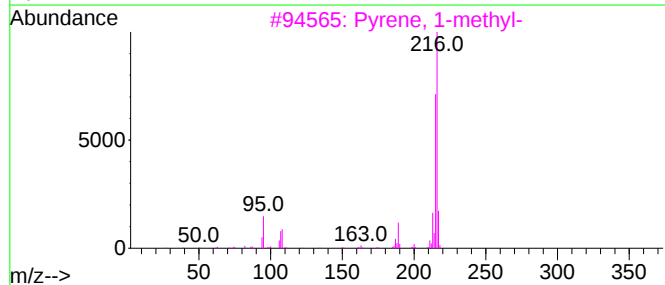
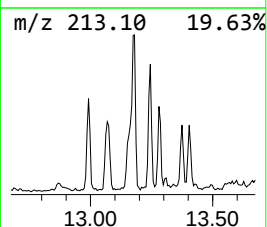
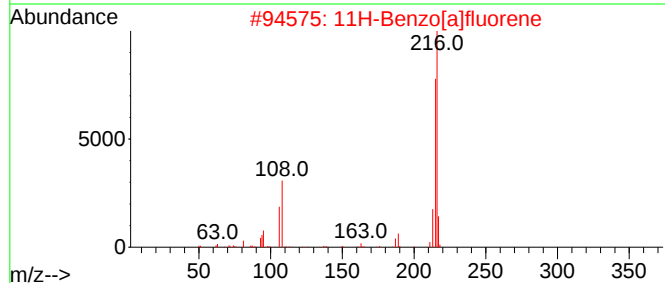
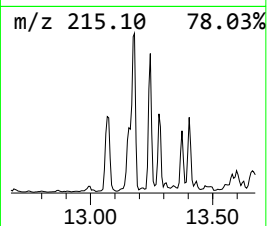
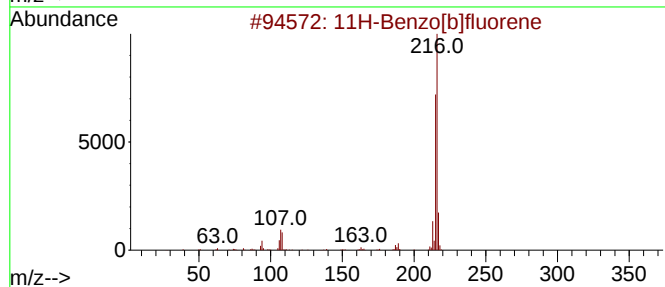
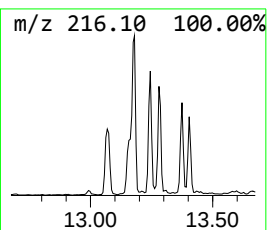
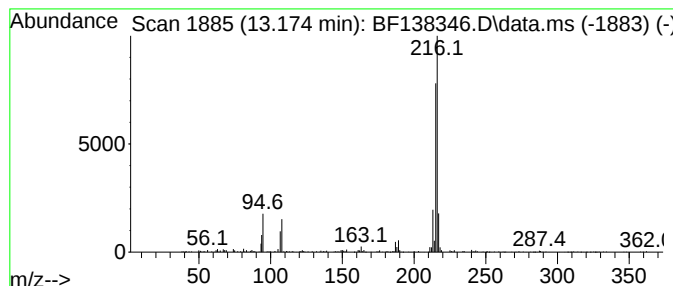
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	3.17 ng	432326	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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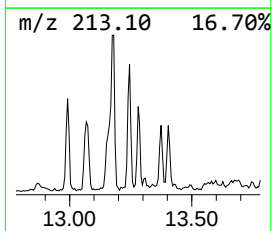
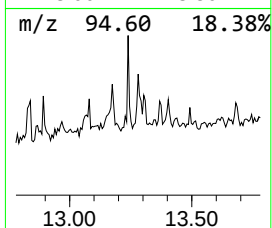
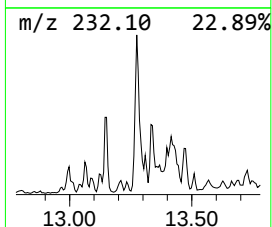
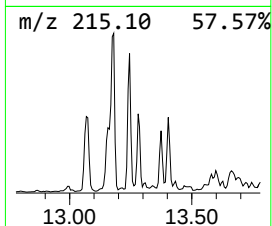
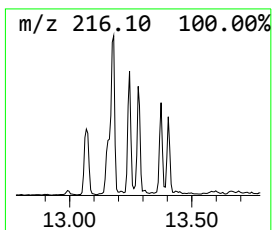
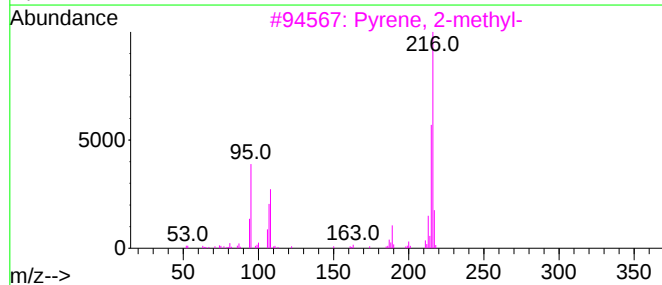
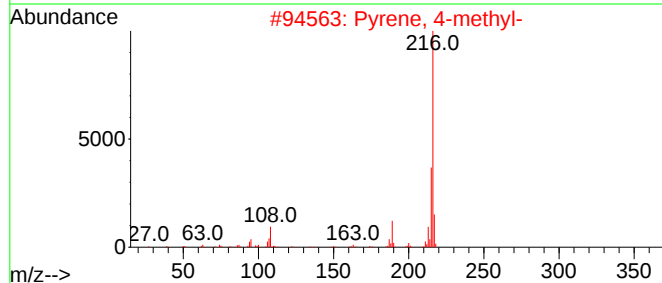
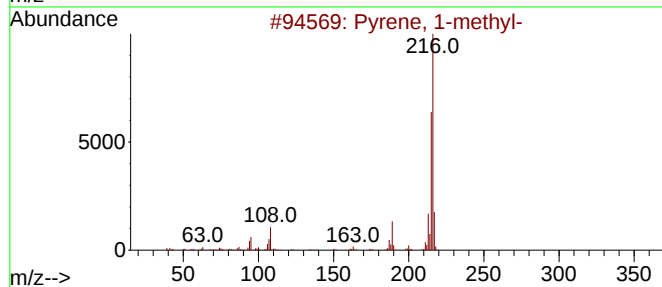
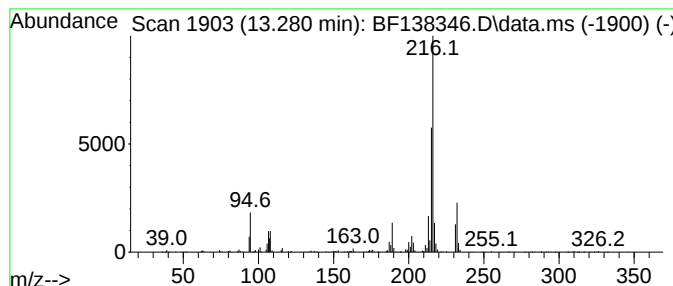
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.41 ng	328435	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
WC-WS-6-21-24

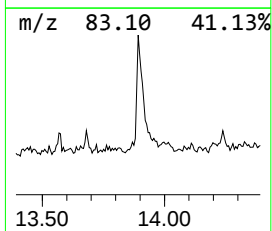
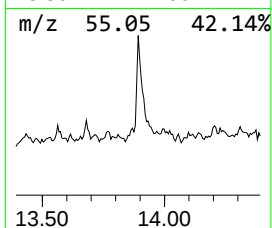
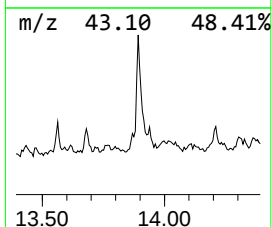
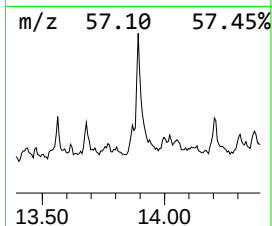
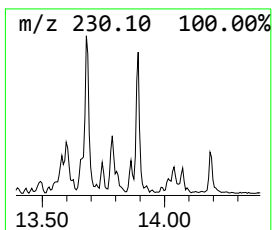
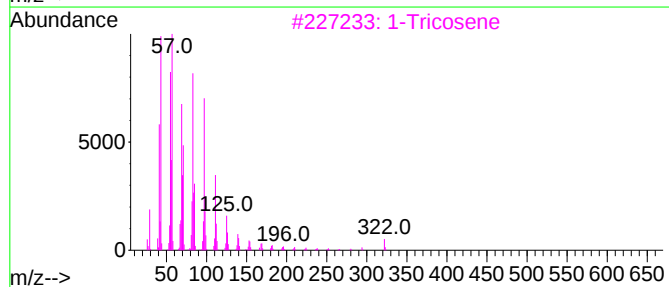
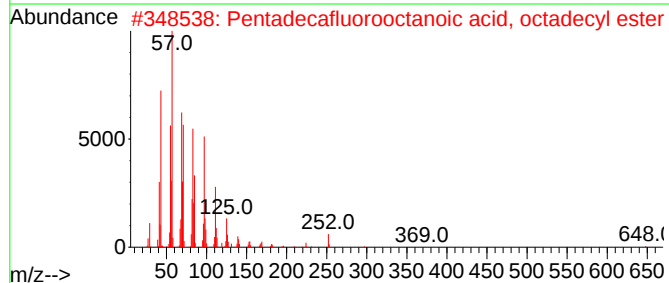
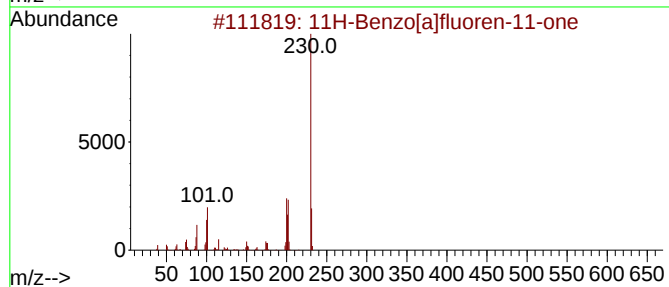
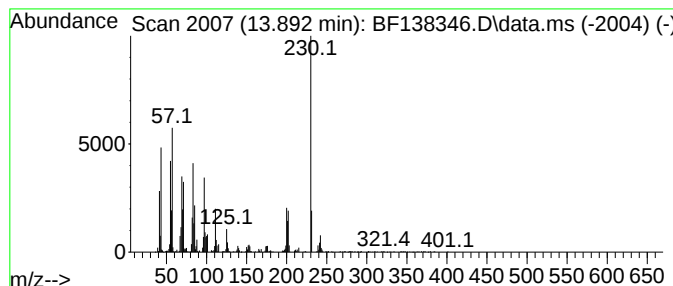
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.18 ng	570256	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	81
3			1-Tricosene	322	C23H46	018835-32-0	78
4			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	46
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

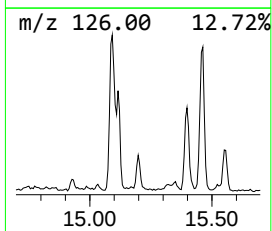
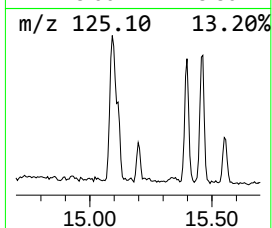
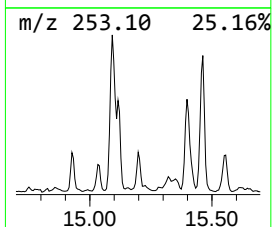
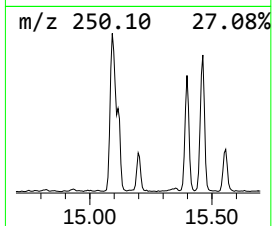
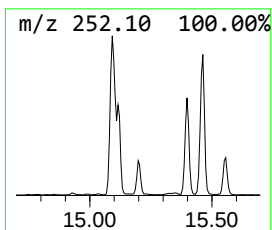
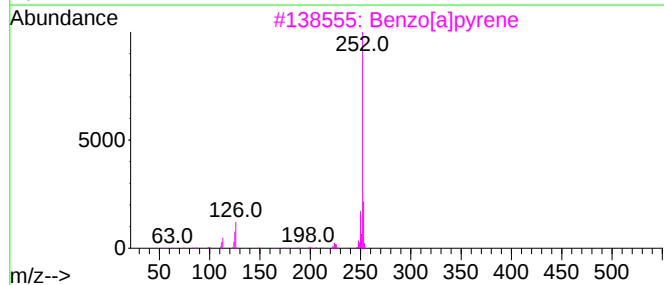
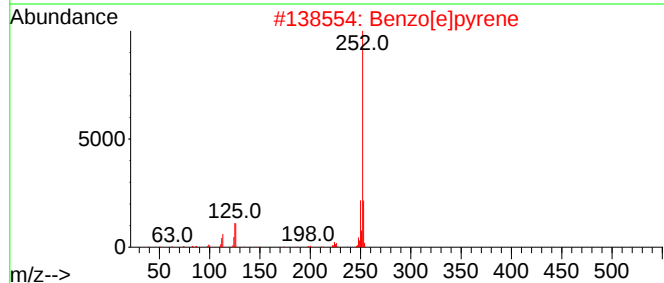
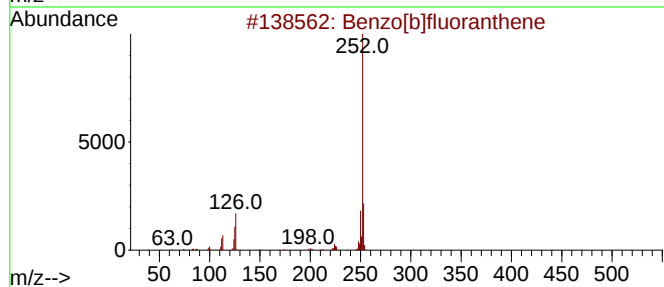
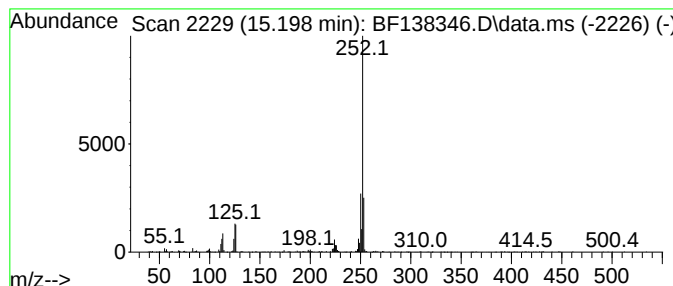
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.198	4.54 ng	211936	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	91
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

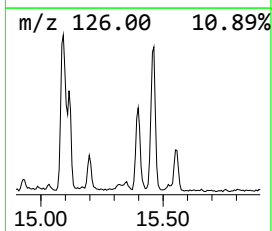
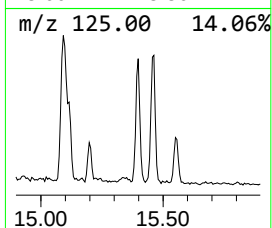
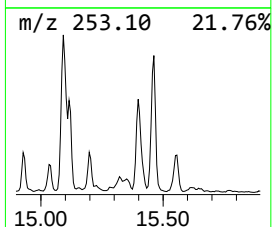
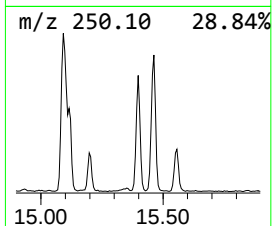
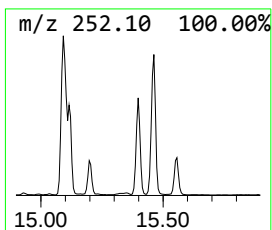
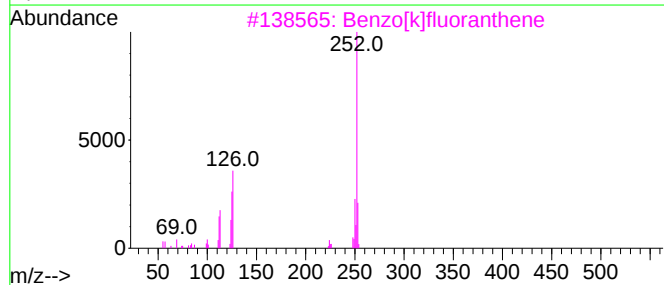
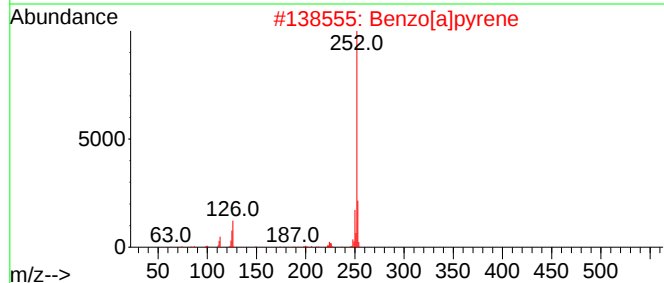
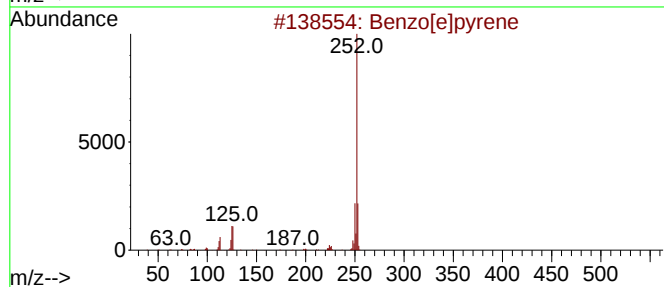
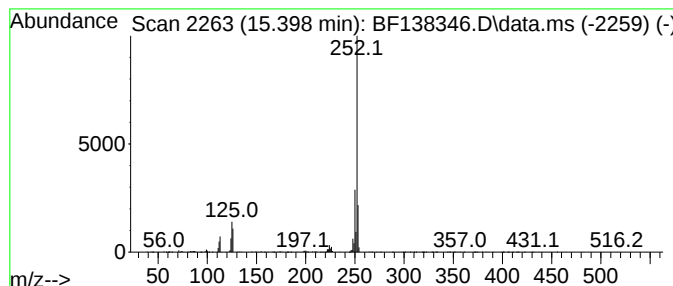
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	14.69 ng	685474	Perylene-d12	15.527

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[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

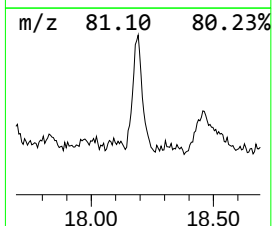
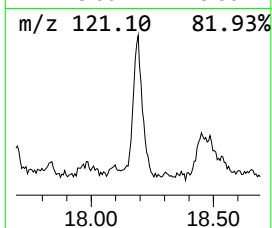
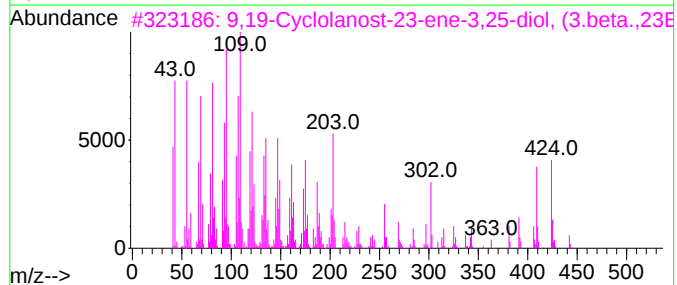
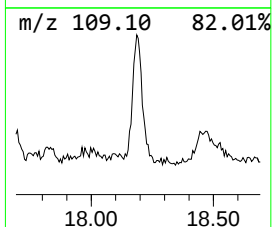
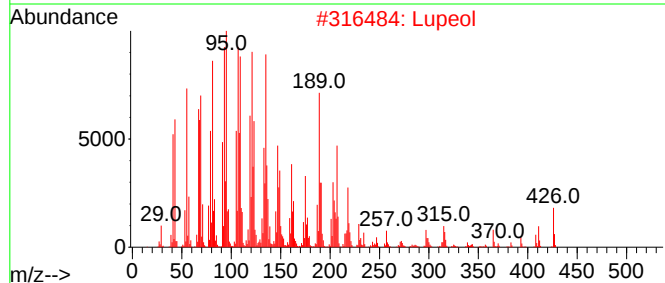
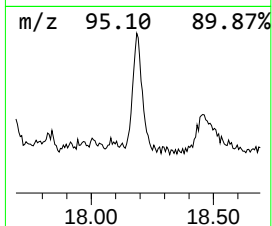
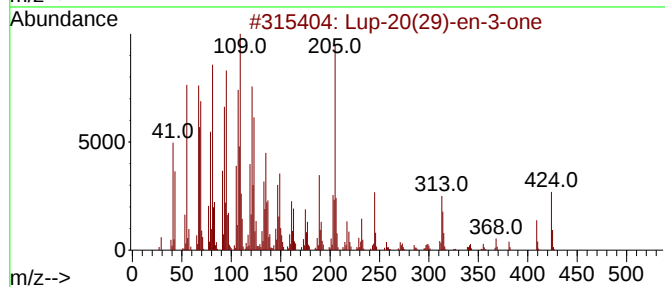
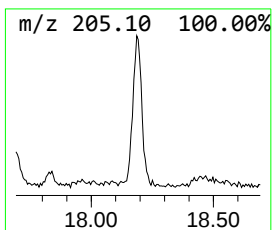
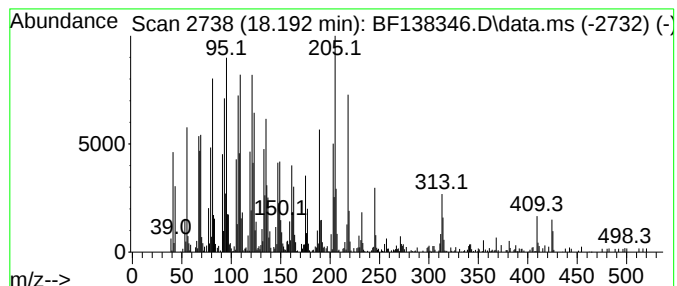
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	21.86 ng	1020110	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	99
2			Lupeol	426	C30H50O	000545-47-1	60
3			9,19-Cyclolanost-23-ene-3,25-dio...	442	C30H50O2	054482-57-4	51
4			.beta.-Amyrone	424	C30H48O	000638-97-1	46
5			2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138346.D
Acq On : 25 Jun 2024 21:08
Operator : CG\JU
Sample : P3008-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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...	2.187	55.3	ng	3555810	1	6.887	1285120	20.0
2-Pentanone, 4-...	5.110	3.6	ng	230742	1	6.887	1285120	20.0
unknown10.016	10.016	7.0	ng	516734	3	9.922	1486500	20.0
Dodecane, 2-met...	10.833	4.3	ng	334724	4	11.410	1543580	20.0
Naphtho[2,1-b]t...	11.304	3.7	ng	285219	4	11.410	1543580	20.0
Anthracene, 1-m...	11.910	3.3	ng	255251	4	11.410	1543580	20.0
Phenanthrene, 2...	11.933	7.6	ng	583671	4	11.410	1543580	20.0
Phenanthrene, 3...	11.986	2.4	ng	185616	4	11.410	1543580	20.0
4H-Cyclopenta[d...	12.022	7.8	ng	604361	4	11.410	1543580	20.0
Phenanthrene, 1...	12.045	2.3	ng	180503	4	11.410	1543580	20.0
Phenanthrene, 2...	12.463	2.8	ng	218922	4	11.410	1543580	20.0
Pyrene, 4,5,9,1...	12.498	2.7	ng	210186	4	11.410	1543580	20.0
Cyclopenta(def)...	12.545	2.2	ng	171218	4	11.410	1543580	20.0
Pyrene, 1-methyl-	13.069	2.9	ng	400593	5	14.051	2727410	20.0
11H-Benzo[b]flu...	13.174	3.2	ng	432326	5	14.051	2727410	20.0
Pyrene, 4-methyl-	13.280	2.4	ng	328435	5	14.051	2727410	20.0
11H-Benzo[a]flu...	13.892	4.2	ng	570256	5	14.051	2727410	20.0
Benzo[e]pyrene	15.198	4.5	ng	211936	6	15.527	933219	20.0
Benzo[j]fluoran...	15.398	14.7	ng	685474	6	15.527	933219	20.0
Lup-20(29)-en-3...	18.192	21.9	ng	1020110	6	15.527	933219	20.0