

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137263.D
 Acq On : 02 Feb 2024 19:16
 Operator : CG\JU
 Sample : P1340-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

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-BF013024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.111	3	4	11	rVB	219167	203356	9.20%	0.608%
2	5.040	498	502	509	rVB	36679	48302	2.19%	0.144%
3	5.428	564	568	571	rBV	1576308	1457236	65.95%	4.355%
4	6.422	733	737	754	rBV	1340356	1525666	69.05%	4.560%
5	6.793	796	800	811	rBV	347975	339915	15.38%	1.016%
6	7.351	891	895	906	rBV	1029454	966591	43.75%	2.889%
7	8.069	1013	1017	1019	rBV	474014	437988	19.82%	1.309%
8	8.087	1019	1020	1028	rVB	99458	82897	3.75%	0.248%
9	8.781	1135	1138	1146	rBV	69090	59073	2.67%	0.177%
10	8.881	1150	1155	1164	rVB	67452	64219	2.91%	0.192%
11	9.145	1196	1200	1203	rBV	2051802	1638816	74.17%	4.898%
12	9.481	1253	1257	1259	rBV	77342	68954	3.12%	0.206%
13	9.681	1288	1291	1297	rVB	76574	64208	2.91%	0.192%
14	9.822	1309	1315	1318	rBV	622159	507439	22.97%	1.517%
15	9.851	1318	1320	1325	rVB	216758	189965	8.60%	0.568%
16	10.028	1346	1350	1354	rBV	167269	147623	6.68%	0.441%
17	10.369	1405	1408	1414	rBV	236253	210959	9.55%	0.630%
18	10.439	1414	1420	1421	rBV	33669	50964	2.31%	0.152%
19	10.528	1433	1435	1440	rVB	96137	90053	4.08%	0.269%
20	10.610	1443	1449	1455	rVV	1085738	1070506	48.45%	3.199%
21	10.739	1466	1471	1477	rVB4	32513	46310	2.10%	0.138%
22	10.922	1496	1502	1505	rBV3	64008	97381	4.41%	0.291%
23	11.051	1519	1524	1526	rBV3	61515	71916	3.25%	0.215%
24	11.075	1526	1528	1530	rVV2	56111	53896	2.44%	0.161%
25	11.116	1532	1535	1540	rVV	127933	124671	5.64%	0.373%
26	11.163	1540	1543	1548	rVV2	67187	107264	4.85%	0.321%
27	11.210	1548	1551	1559	rVB	97285	107484	4.86%	0.321%
28	11.316	1565	1569	1570	rBV	429597	388858	17.60%	1.162%
29	11.339	1570	1573	1577	rVV	1906102	1811142	81.97%	5.413%
30	11.386	1577	1581	1585	rVV	427012	438141	19.83%	1.309%
31	11.545	1603	1608	1617	rBV2	151159	232696	10.53%	0.695%
32	11.616	1617	1620	1623	rVV2	52841	50242	2.27%	0.150%
33	11.645	1623	1625	1631	rVB4	46213	58959	2.67%	0.176%
34	11.816	1649	1654	1657	rVV	296455	292634	13.24%	0.875%
35	11.845	1657	1659	1664	rVV	415439	448822	20.31%	1.341%
36	11.892	1664	1667	1670	rVV	154026	151688	6.87%	0.453%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.928	1670	1673	1675	rVV	388132	381089	17.25%	1.139%
38	11.951	1675	1677	1683	rVB	199473	176792	8.00%	0.528%
39	12.116	1702	1705	1707	rBV	182270	154002	6.97%	0.460%
40	12.139	1707	1709	1712	rVB	154162	125635	5.69%	0.375%
41	12.263	1728	1730	1733	rBV	51560	47894	2.17%	0.143%
42	12.369	1744	1748	1751	rBV	140103	155701	7.05%	0.465%
43	12.404	1751	1754	1757	rVV	74280	104540	4.73%	0.312%
44	12.457	1760	1763	1768	rVB	149064	166747	7.55%	0.498%
45	12.539	1772	1777	1780	rBV	2099452	2099667	95.03%	6.275%
46	12.592	1782	1786	1790	rVV2	51815	84096	3.81%	0.251%
47	12.680	1794	1801	1805	rBV3	86913	171923	7.78%	0.514%
48	12.769	1809	1816	1821	rBV2	1700844	2209446	100.00%	6.603%
49	12.810	1821	1823	1829	rVB2	131167	147927	6.70%	0.442%
50	12.880	1831	1835	1837	rBV	154157	149850	6.78%	0.448%
51	12.910	1837	1840	1847	rVB	1543419	1507593	68.23%	4.506%
52	12.986	1847	1853	1856	rBV2	162631	272180	12.32%	0.813%
53	13.069	1864	1867	1868	rBV2	145579	150142	6.80%	0.449%
54	13.092	1868	1871	1875	rVB	312020	308961	13.98%	0.923%
55	13.157	1880	1882	1885	rVB	171911	138573	6.27%	0.414%
56	13.192	1885	1888	1891	rBV	271868	293839	13.30%	0.878%
57	13.222	1891	1893	1896	rVB2	72474	69837	3.16%	0.209%
58	13.286	1901	1904	1907	rVB	126727	112429	5.09%	0.336%
59	13.316	1907	1909	1914	rBV2	134836	156990	7.11%	0.469%
60	13.398	1919	1923	1929	rVB5	54251	85778	3.88%	0.256%
61	13.498	1932	1940	1941	rBV5	71198	135437	6.13%	0.405%
62	13.598	1955	1957	1962	rVB	239511	236850	10.72%	0.708%
63	13.710	1971	1976	1980	rBV2	196415	291875	13.21%	0.872%
64	13.745	1980	1982	1984	rVV	204710	187635	8.49%	0.561%
65	13.763	1984	1985	1987	rVV	145625	115276	5.22%	0.345%
66	13.780	1987	1988	1991	rVV	124677	93270	4.22%	0.279%
67	13.810	1991	1993	1997	rVB	234019	200757	9.09%	0.600%
68	13.886	2003	2006	2012	rVB3	56390	100978	4.57%	0.302%
69	13.963	2012	2019	2023	rBV2	1427120	2155038	97.54%	6.441%
70	13.998	2023	2025	2031	rVB	1143031	1002102	45.36%	2.995%
71	14.074	2035	2038	2040	rVB	168776	135643	6.14%	0.405%
72	14.110	2040	2044	2046	rBV3	41512	58405	2.64%	0.175%
73	14.198	2057	2059	2062	rVV	79282	66437	3.01%	0.199%
74	14.286	2071	2074	2077	rBV3	32321	48582	2.20%	0.145%
75	14.321	2077	2080	2082	rBV	56931	57172	2.59%	0.171%
76	14.357	2082	2086	2089	rBV	242475	219161	9.92%	0.655%

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77	14.392	2089	2092	2096	rVB	126899	122831	5.56%	0.367%
78	14.451	2099	2102	2105	rBV3	88141	80547	3.65%	0.241%
79	14.480	2105	2107	2109	rBV	77917	60217	2.73%	0.180%
80	14.557	2118	2120	2126	rVB3	72638	78175	3.54%	0.234%
81	14.663	2134	2138	2141	rBV3	65820	84658	3.83%	0.253%
82	14.745	2149	2152	2155	rBV2	51665	62911	2.85%	0.188%
83	14.851	2164	2170	2175	rBV4	77150	146967	6.65%	0.439%
84	14.921	2179	2182	2186	rBV5	46206	60309	2.73%	0.180%
85	15.021	2193	2199	2202	rBV	665486	1227032	55.54%	3.667%
86	15.045	2202	2203	2209	rVV	430481	316031	14.30%	0.944%
87	15.121	2213	2216	2220	rVB	168770	182531	8.26%	0.546%
88	15.274	2239	2242	2245	rVV3	48125	68299	3.09%	0.204%
89	15.321	2245	2250	2256	rVV	359287	525270	23.77%	1.570%
90	15.386	2256	2261	2267	rVV	540499	677215	30.65%	2.024%
91	15.451	2267	2272	2274	rVV	234061	295597	13.38%	0.883%
92	15.480	2274	2277	2288	rVB2	145984	249884	11.31%	0.747%
93	15.963	2352	2359	2365	rBV5	31302	82544	3.74%	0.247%
94	16.498	2445	2450	2454	rBV7	25719	50835	2.30%	0.152%
95	16.762	2489	2495	2503	rVB5	38493	89945	4.07%	0.269%
96	16.939	2518	2525	2536	rVB2	171281	389811	17.64%	1.165%
97	17.121	2550	2556	2562	rBV	54822	126590	5.73%	0.378%
98	17.186	2562	2567	2572	rVV3	28231	50784	2.30%	0.152%
99	17.386	2594	2601	2610	rBV	126181	263557	11.93%	0.788%
100	17.627	2637	2642	2653	rVB2	33991	84758	3.84%	0.253%

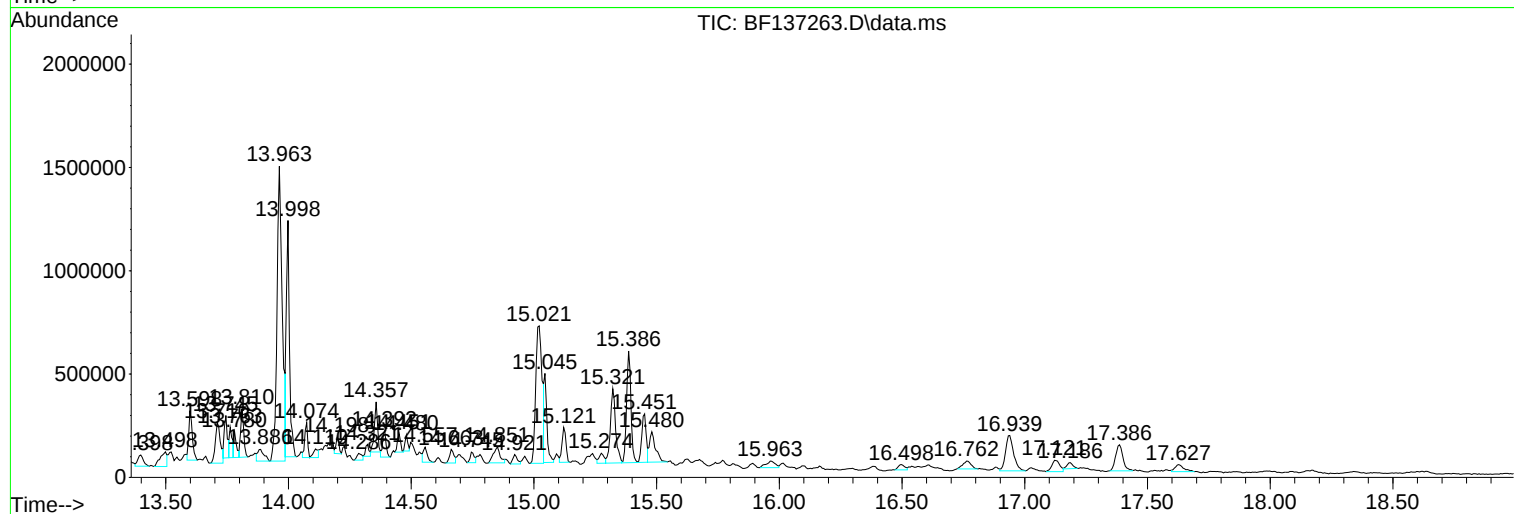
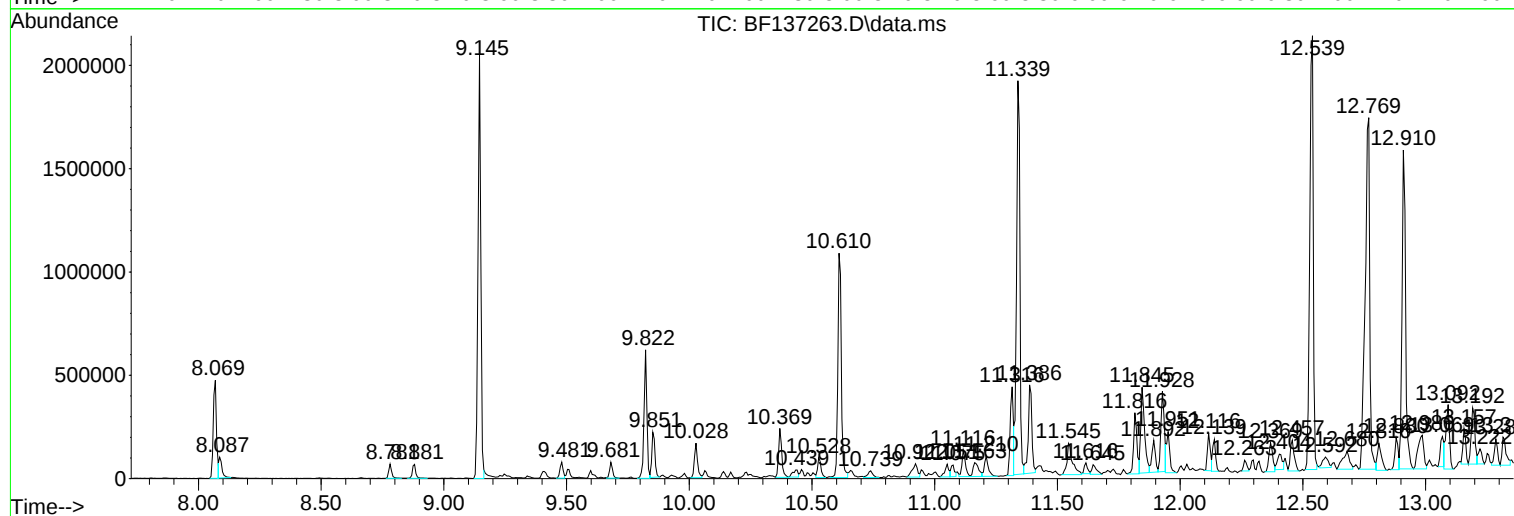
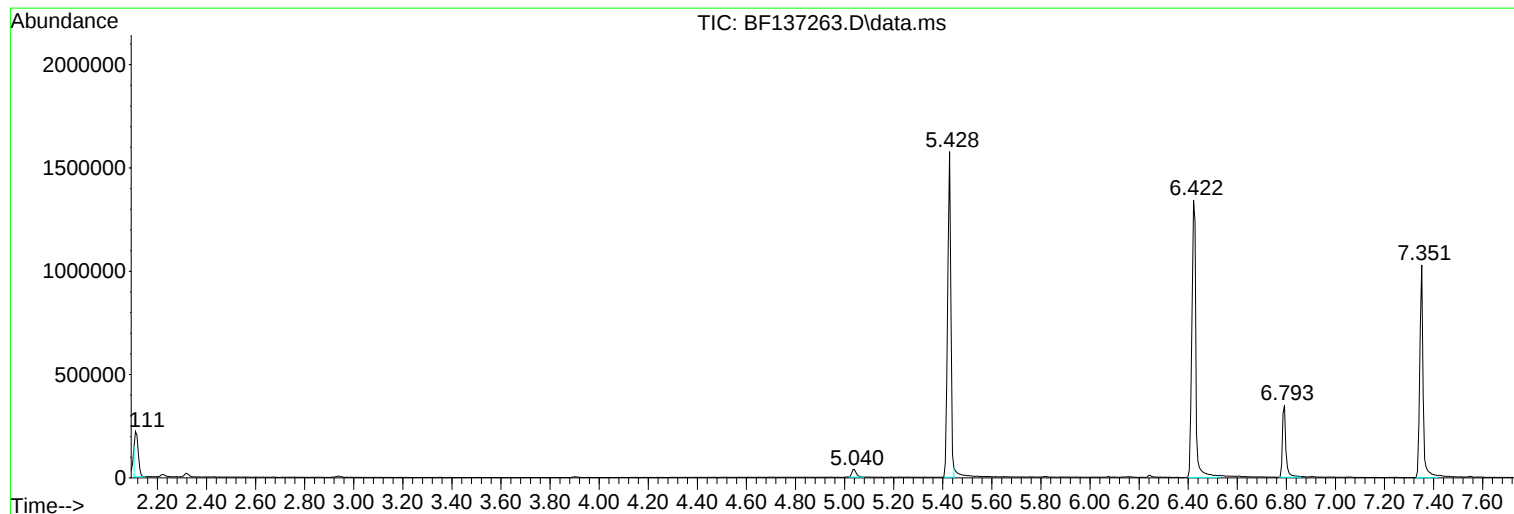
Sum of corrected areas: 33460381

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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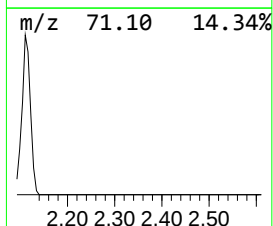
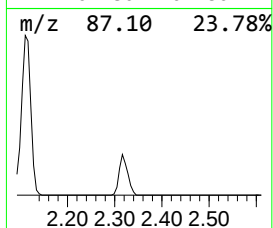
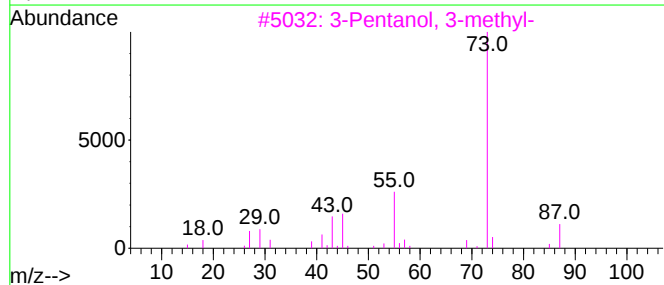
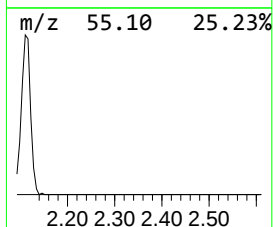
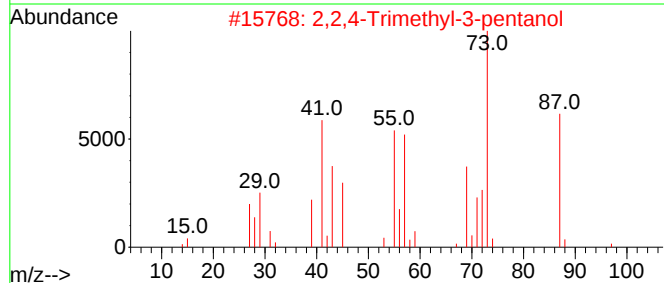
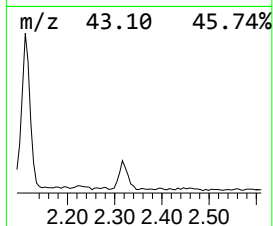
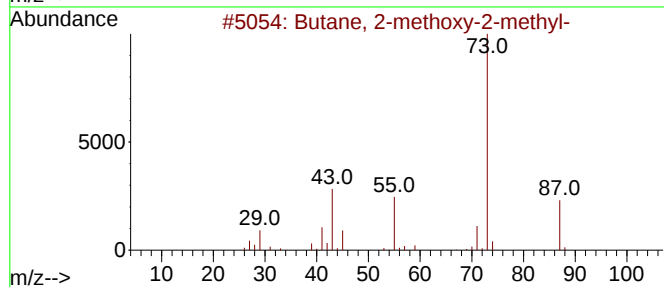
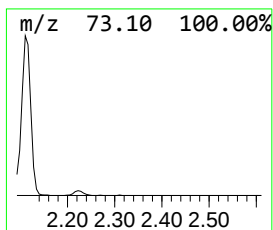
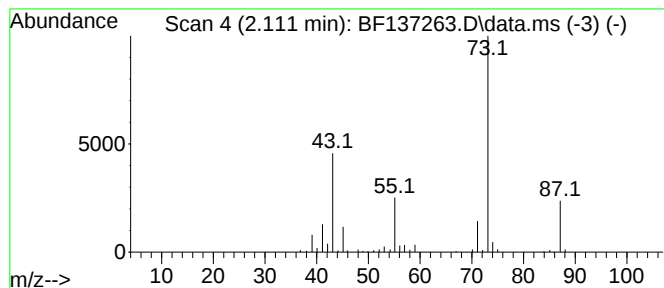
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	11.97 ng	203356	1,4-Dichlorobenzene-d4	6.793

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	43
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35



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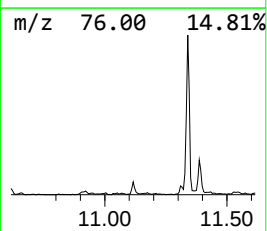
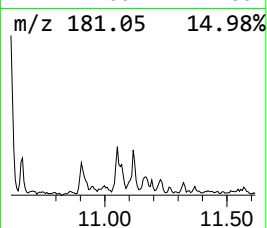
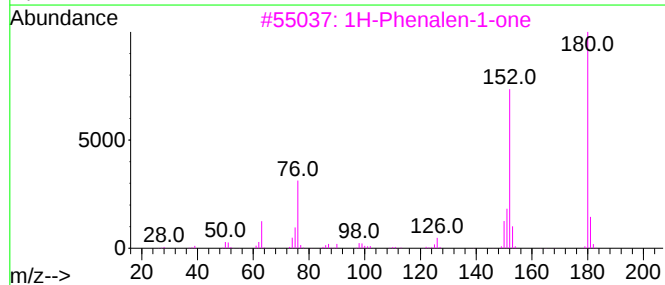
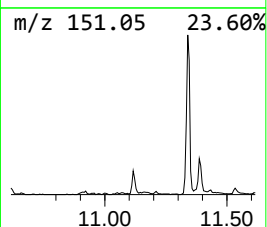
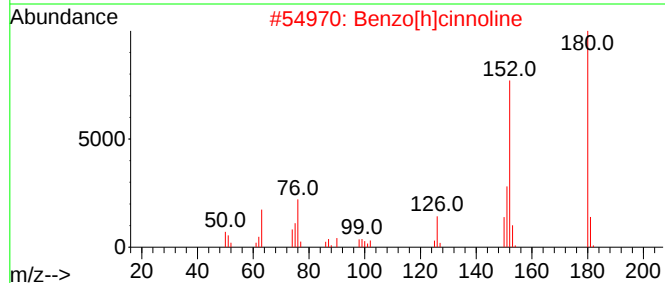
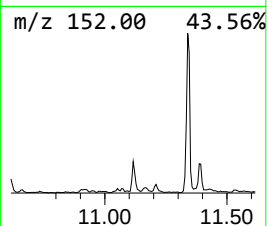
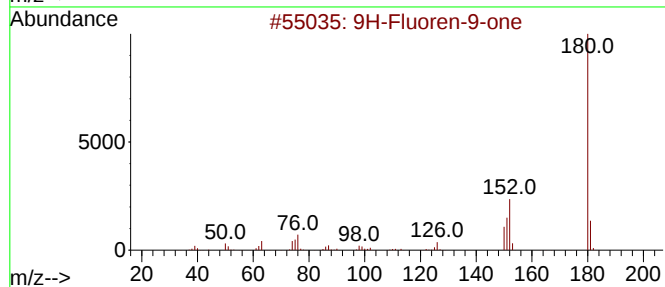
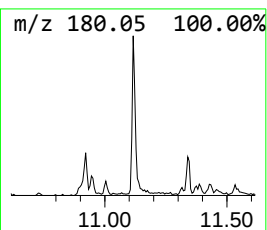
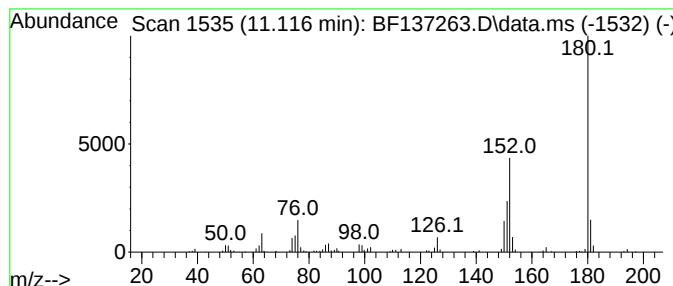
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.116	6.41 ng	124671	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	58
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	53



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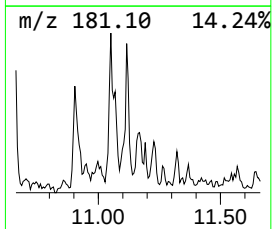
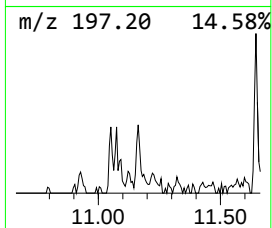
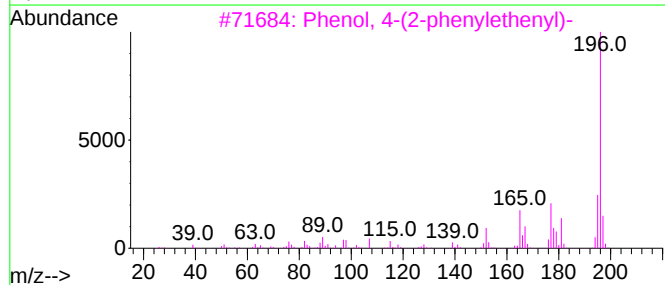
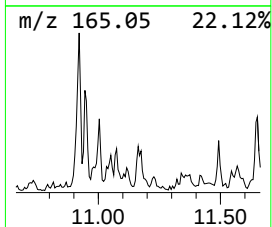
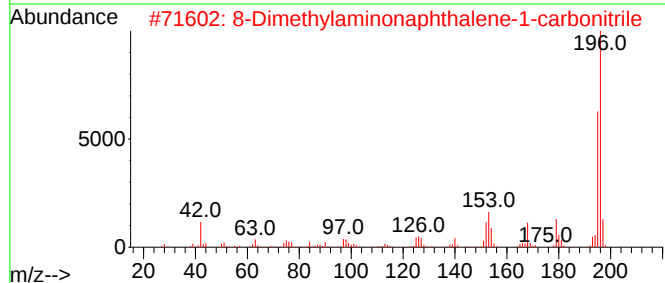
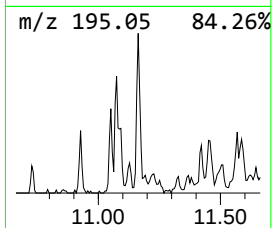
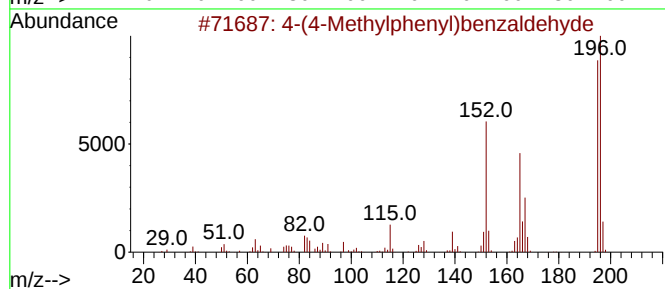
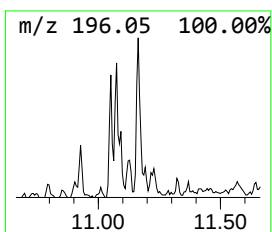
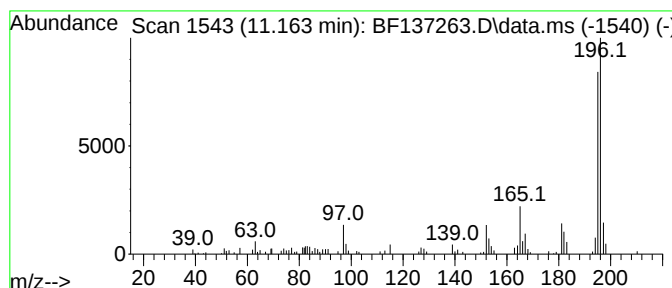
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ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4-(4-Methylphenyl)benzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.163	5.52 ng	107264	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde		196	C14H12O	036393-42-7	81
2	8-Dimethylaminonaphthalene-1-car...		196	C13H12N2	128644-69-9	72
3	Phenol, 4-(2-phenylethenyl)-		196	C14H12O	003839-46-1	70
4	2-[2-Phenylethenyl]phenol		196	C14H12O	042224-48-6	62
5	Phenol, 4-(2-phenylethenyl)-, (E)-		196	C14H12O	006554-98-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

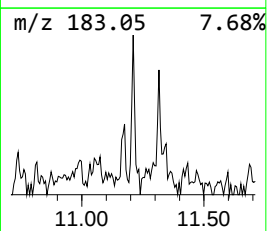
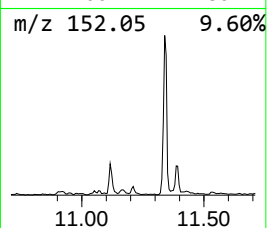
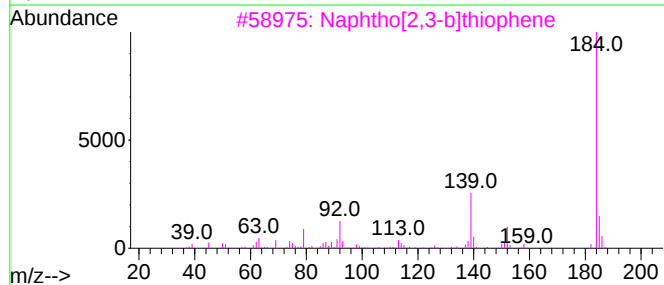
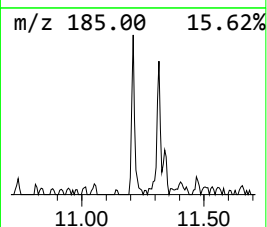
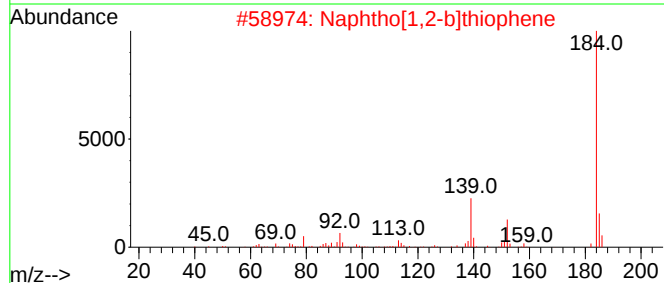
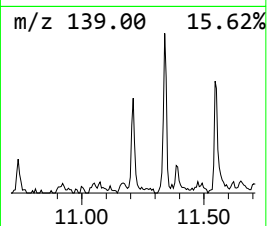
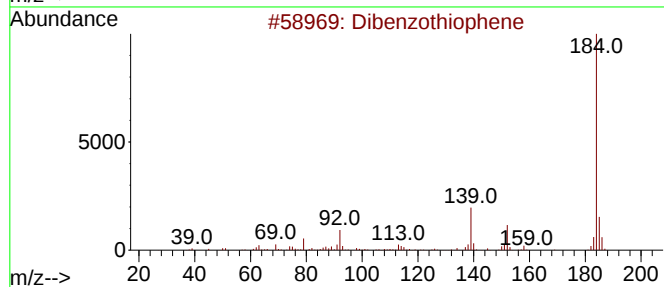
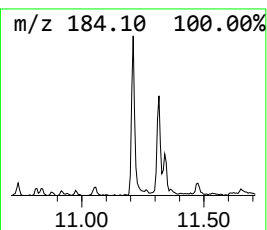
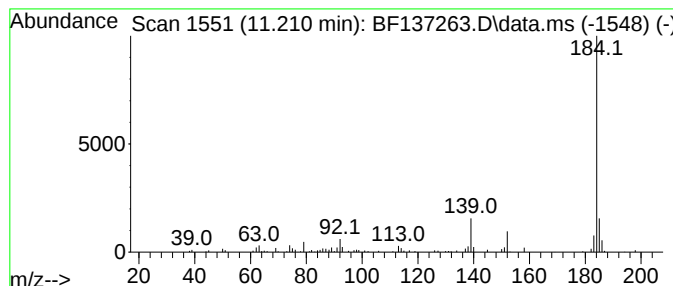
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	5.53 ng	107484	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
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Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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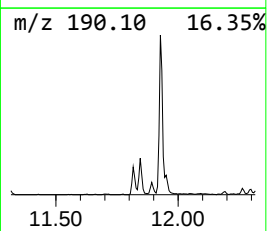
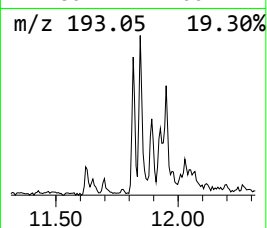
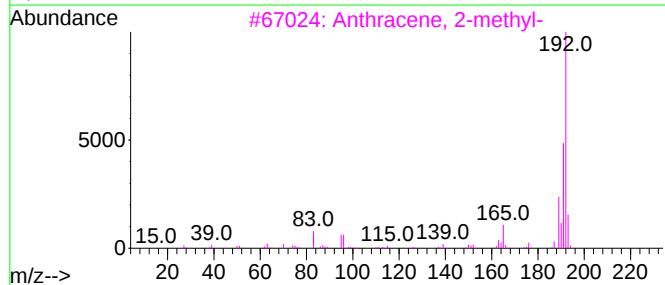
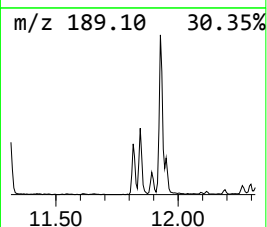
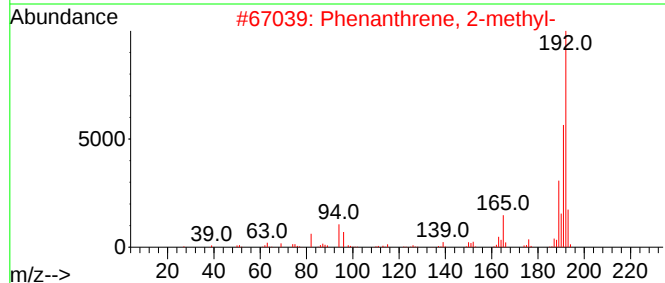
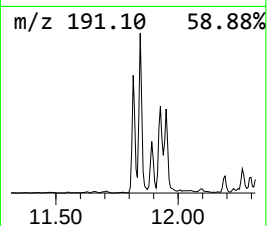
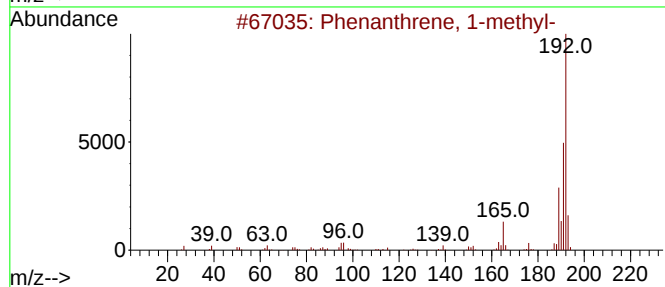
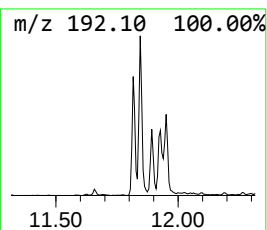
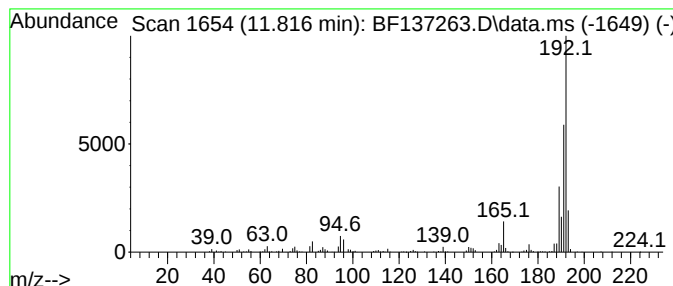
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	15.05 ng	292634	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
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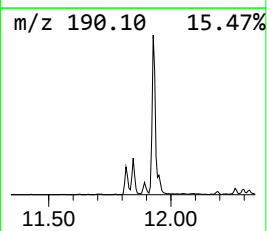
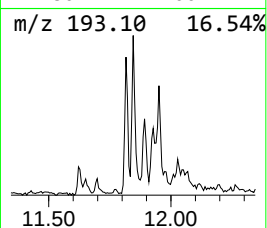
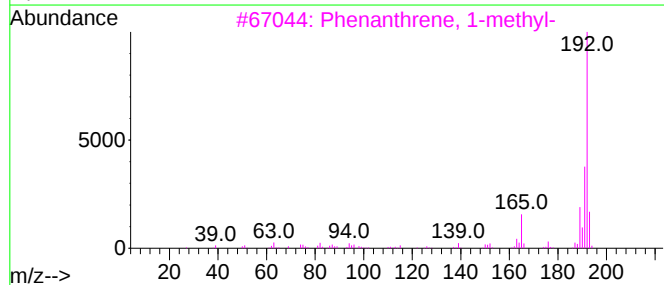
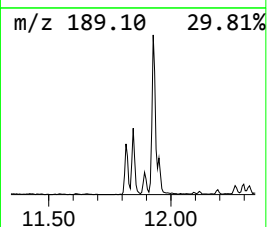
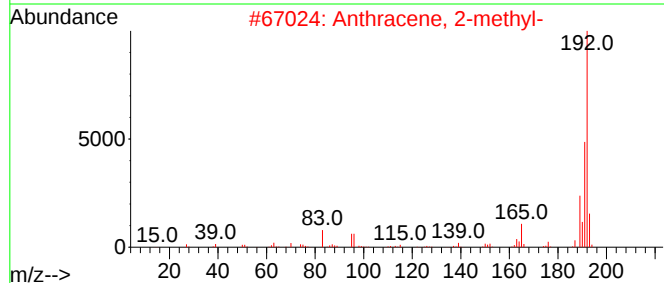
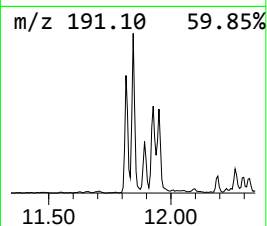
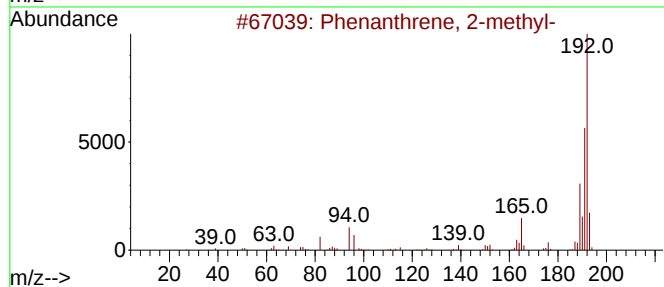
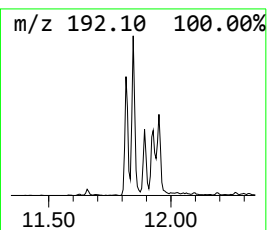
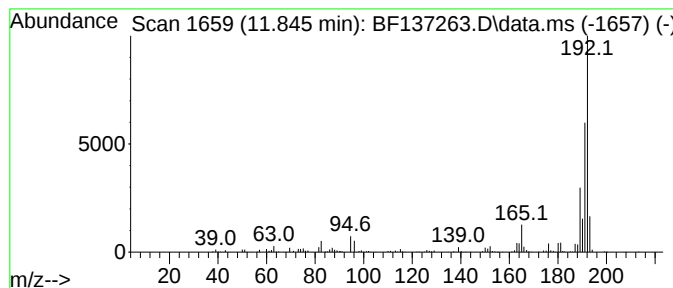
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.845	23.08 ng	448822	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
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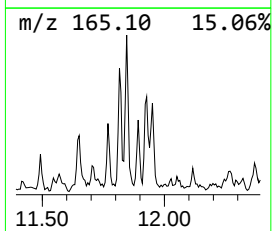
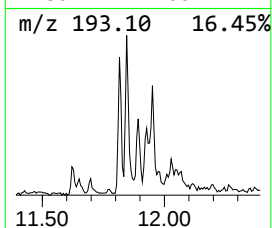
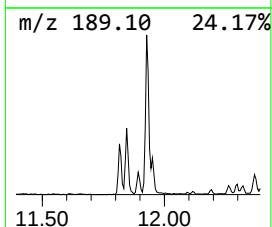
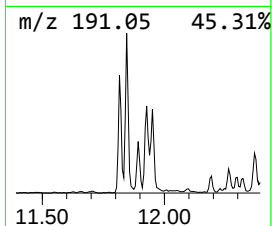
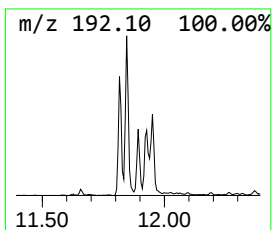
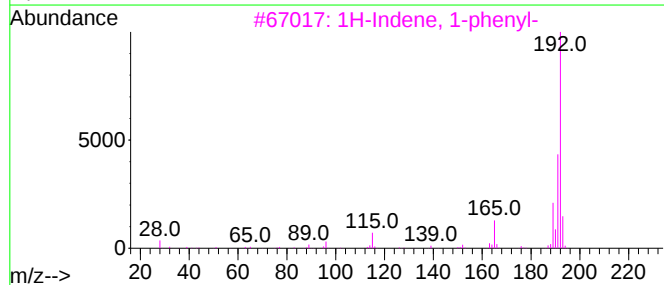
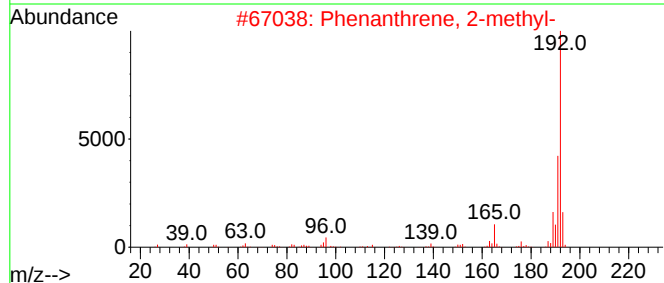
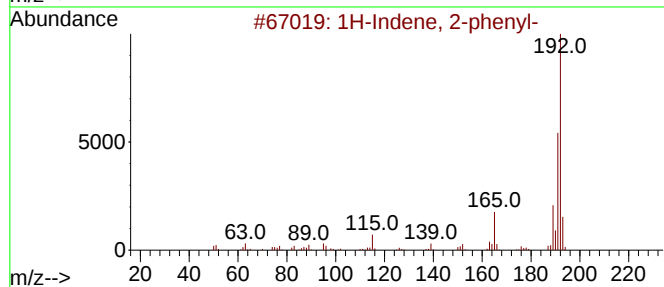
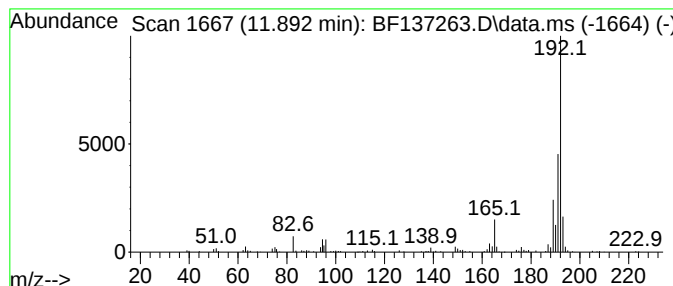
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.892	7.80 ng	151688	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
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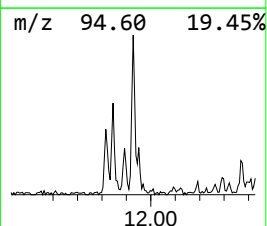
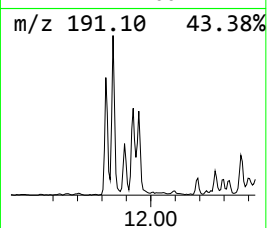
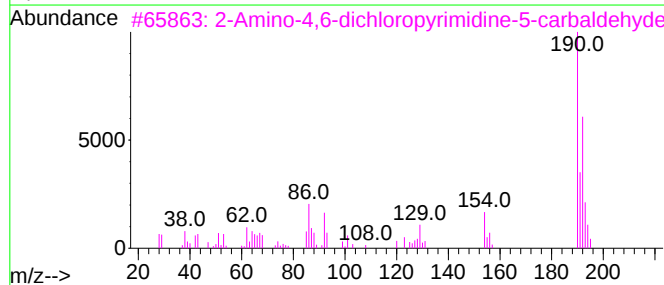
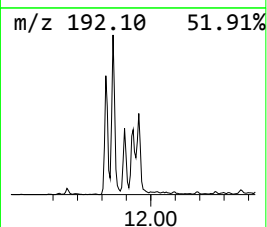
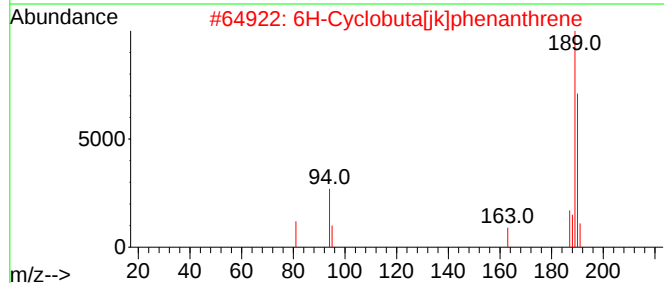
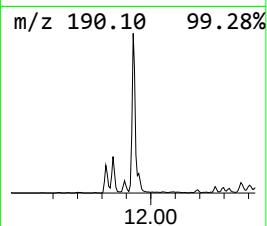
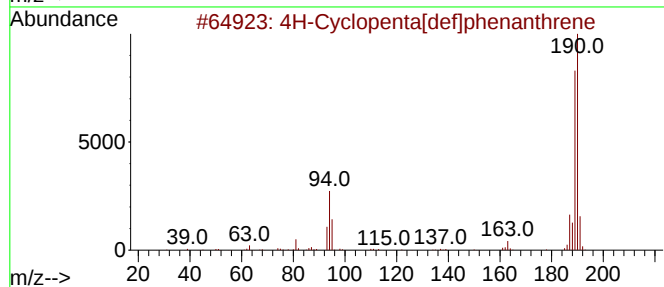
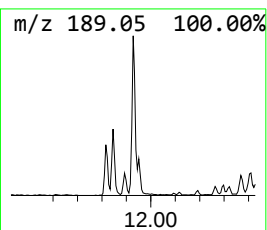
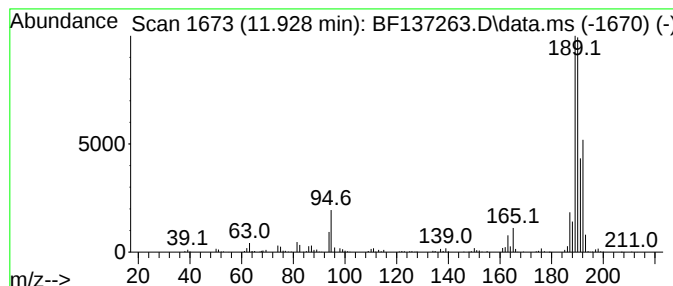
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.928	19.60 ng	381089	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
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Instrument :
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ClientSampleId :
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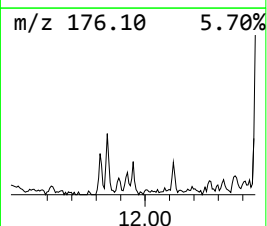
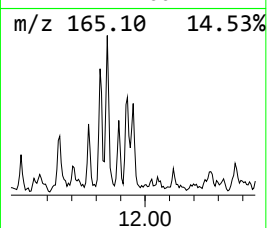
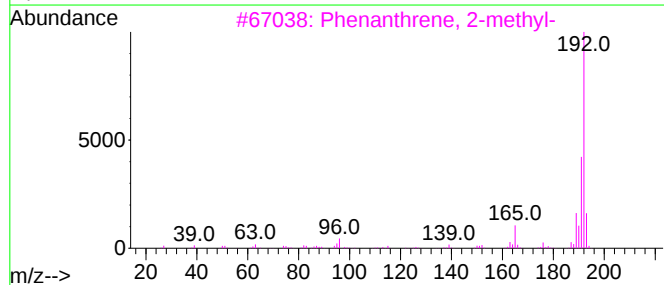
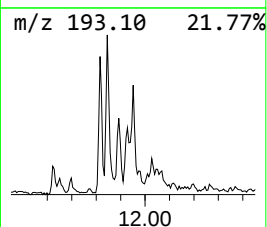
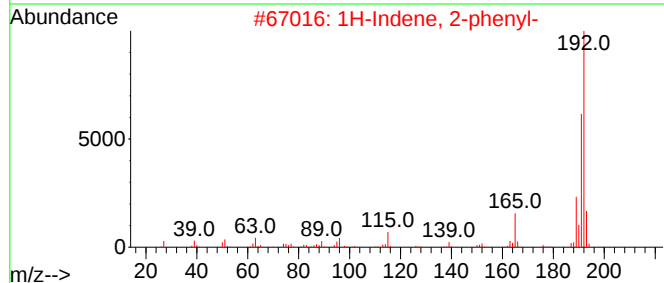
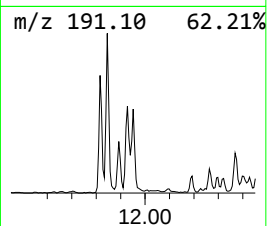
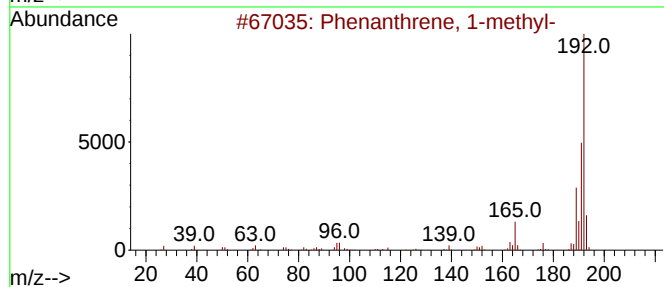
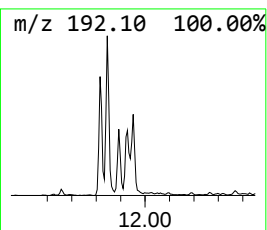
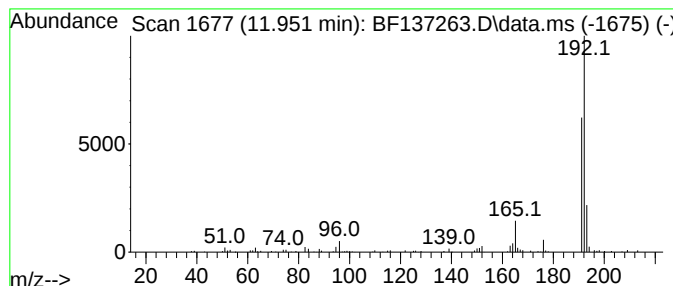
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	9.09 ng	176792	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

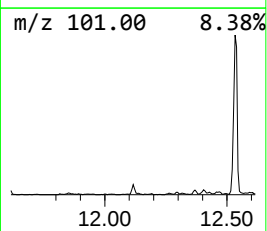
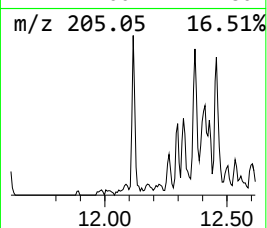
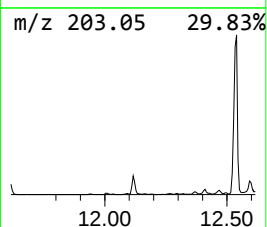
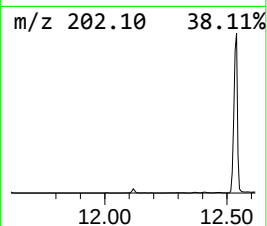
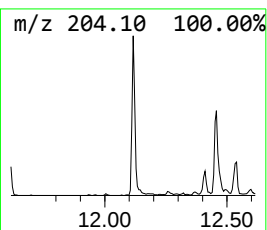
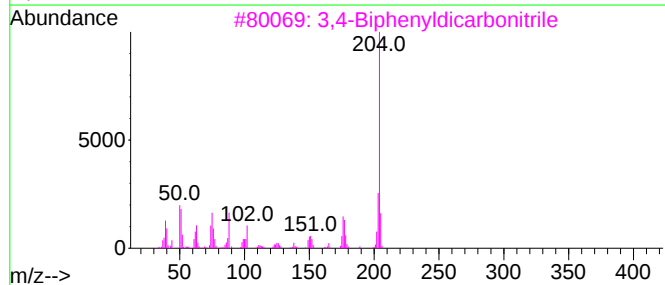
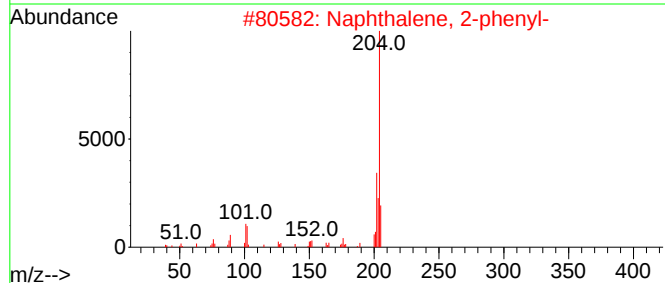
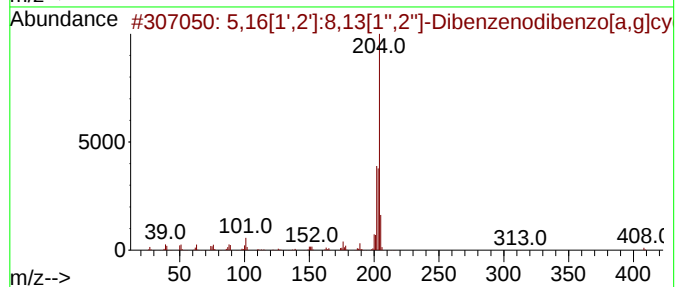
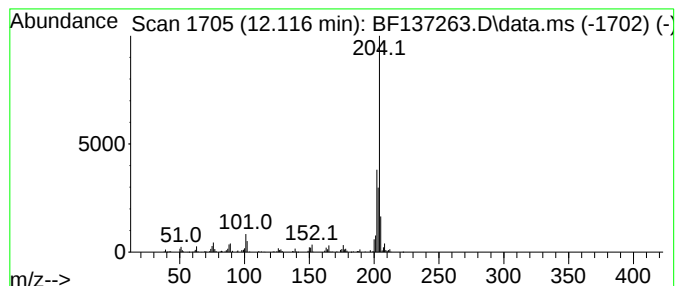
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.116	7.92 ng	154002	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
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Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

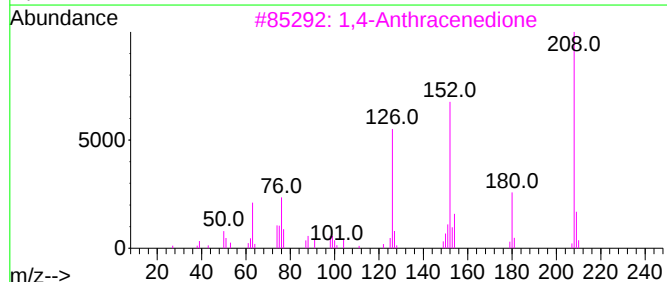
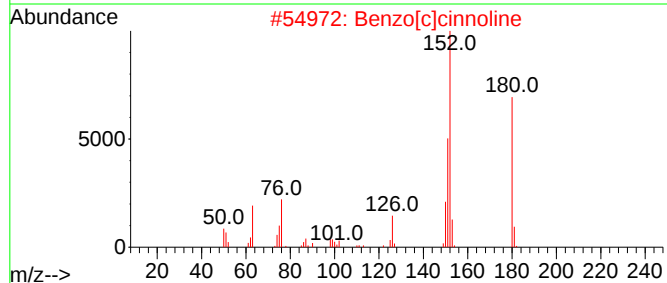
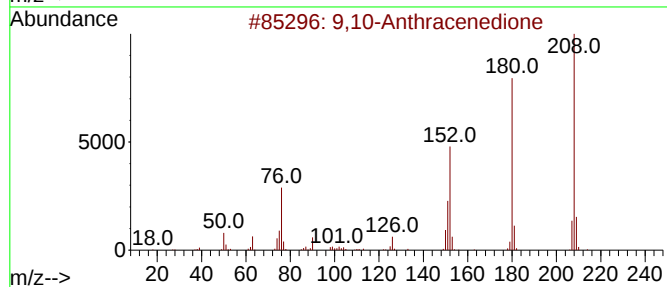
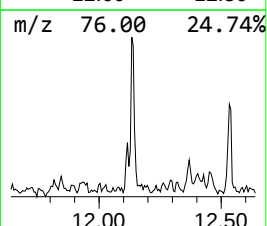
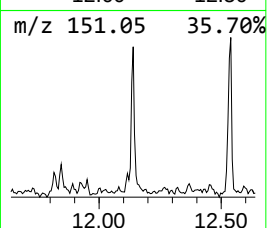
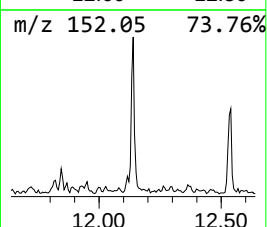
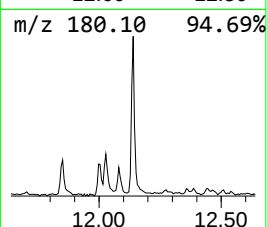
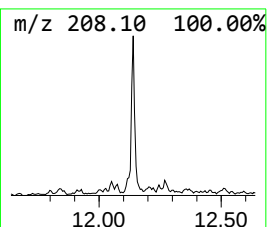
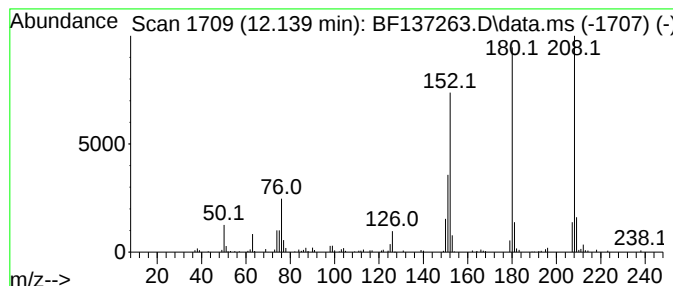
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.139	6.46 ng	125635	Phenanthrene-d10		11.316	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3		1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
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Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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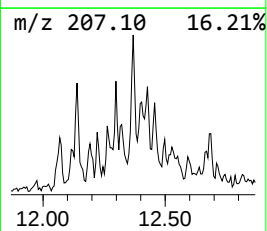
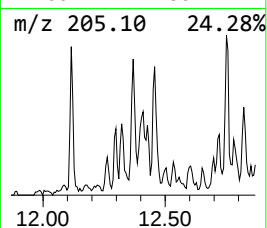
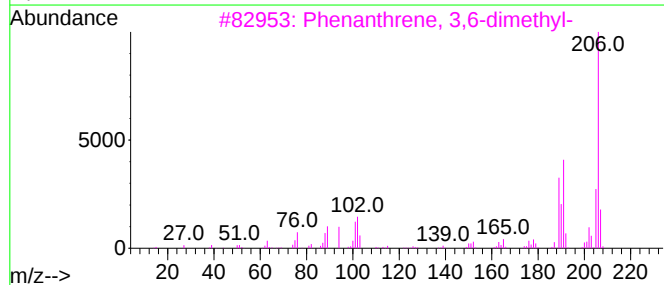
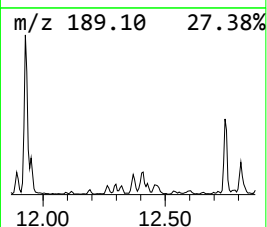
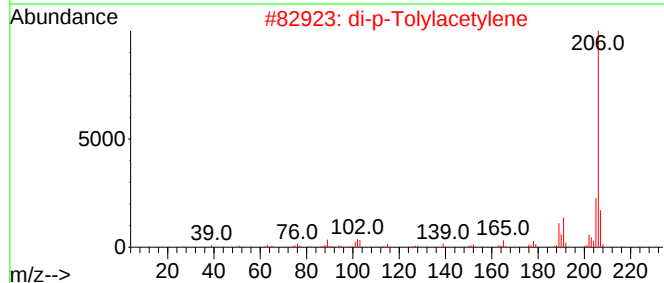
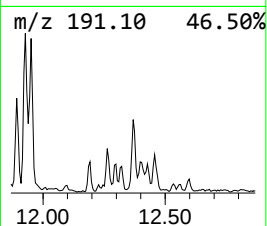
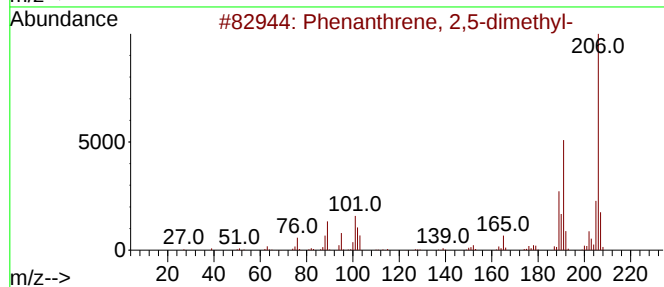
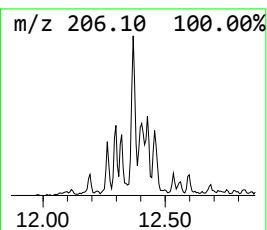
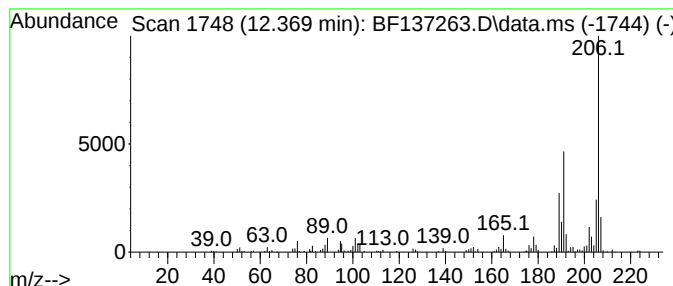
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	8.01 ng	155701	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

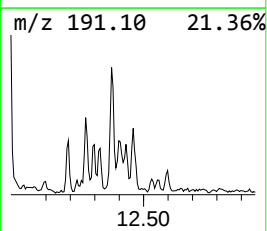
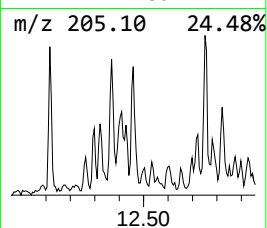
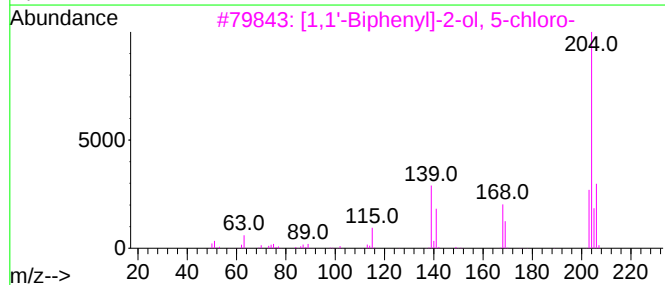
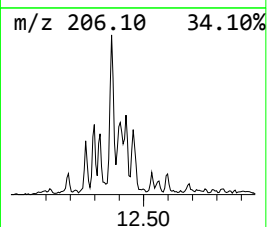
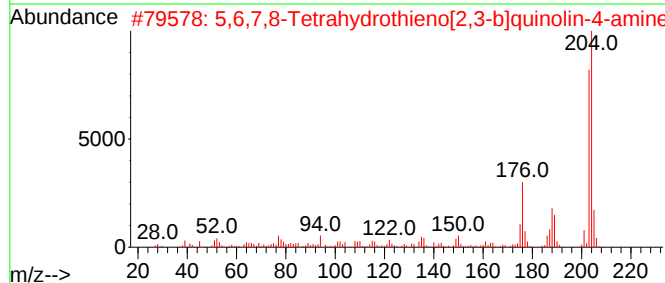
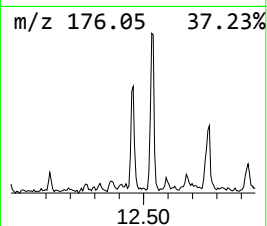
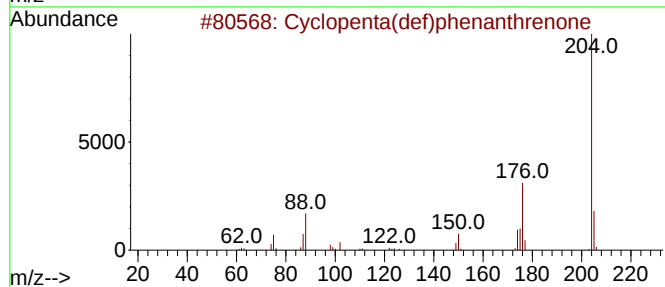
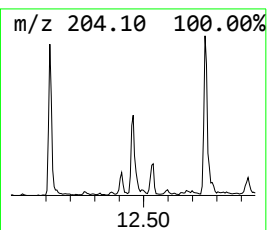
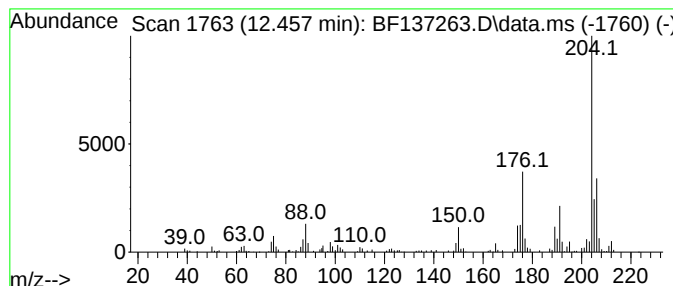
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.457	8.58 ng	166747	Phenanthrene-d10			11.316
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	86
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	46
5	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
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Misc :
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Instrument :
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ClientSampleId :
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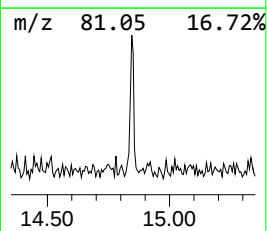
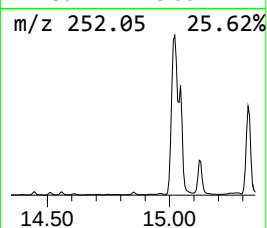
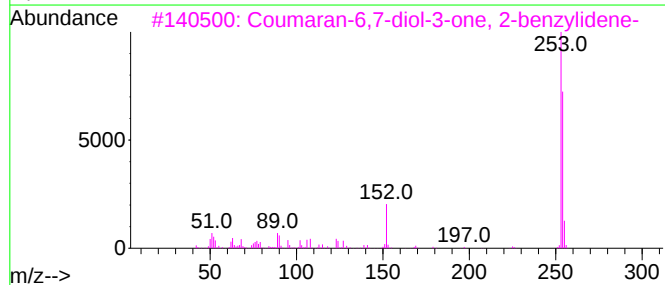
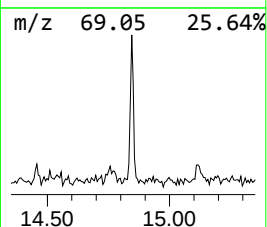
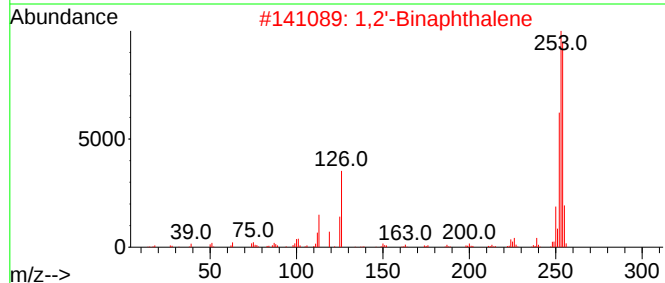
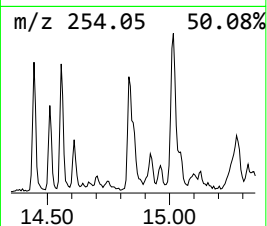
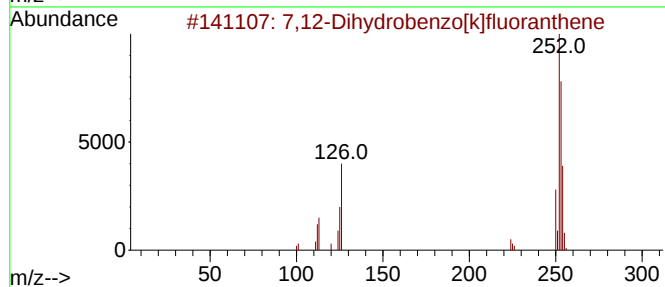
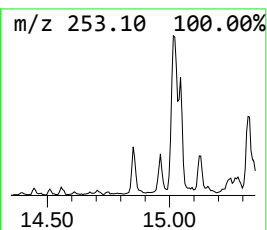
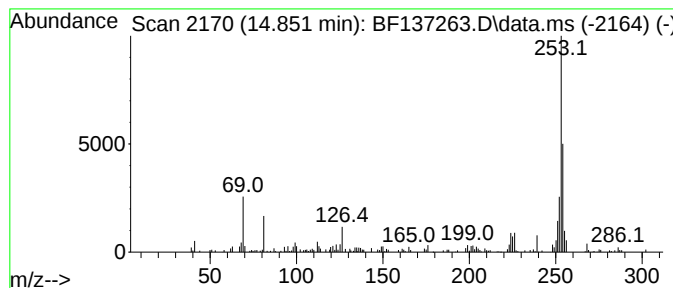
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	9.94 ng	146967	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64		
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	53		
3	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	52		
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	43		
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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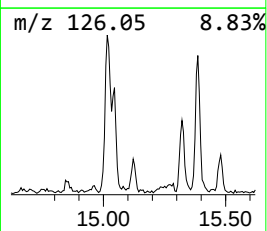
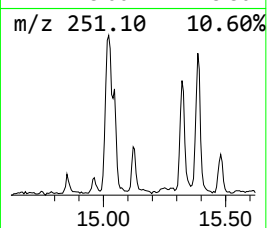
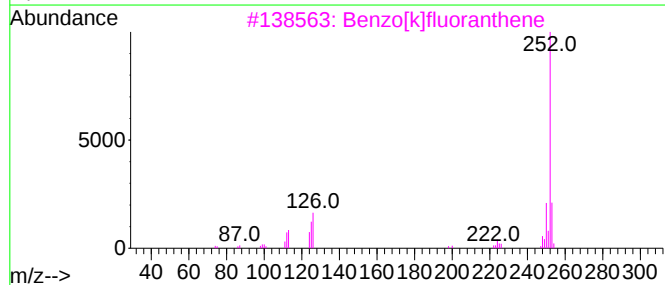
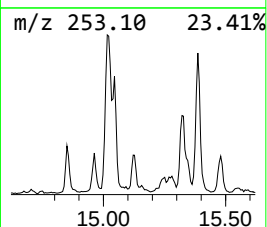
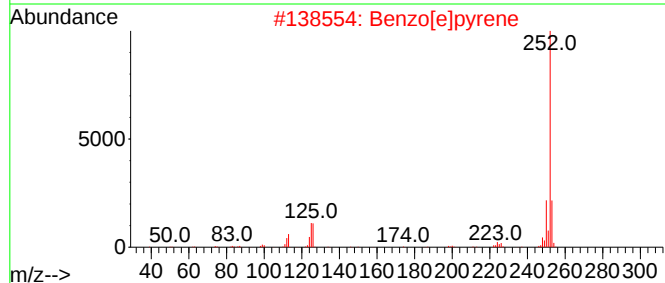
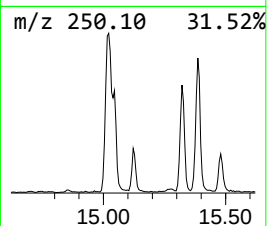
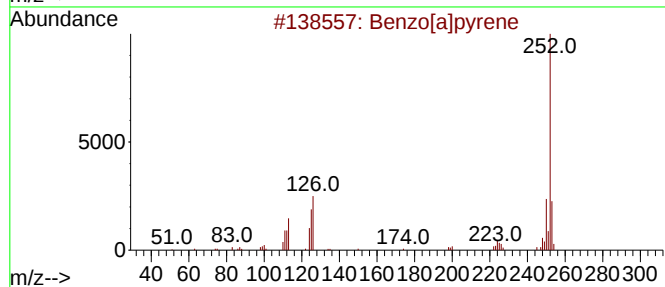
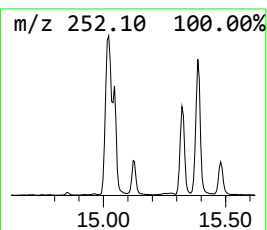
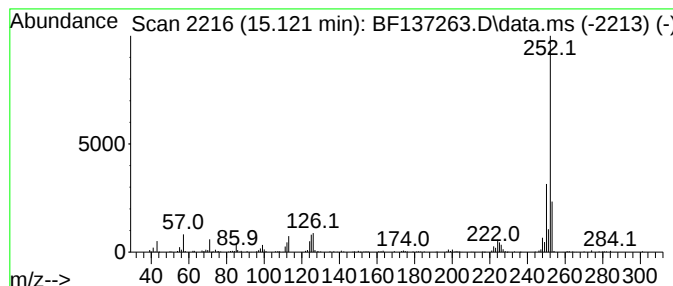
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	12.35 ng	182531	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	91
2			Benzo[e]pyrene	252	C20H12	000192-97-2	91
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Perylene	252	C20H12	000198-55-0	89
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

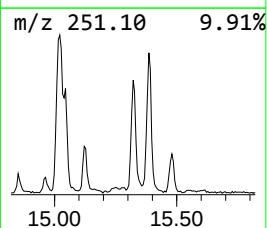
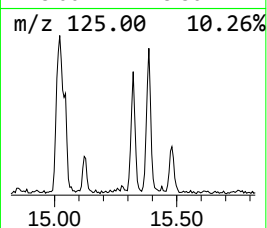
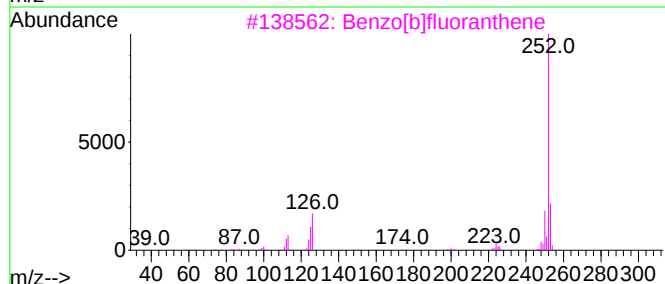
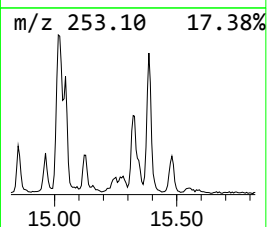
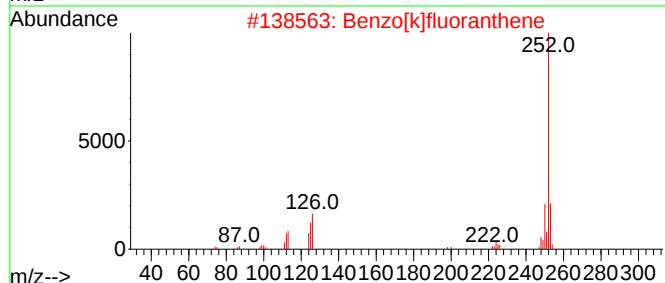
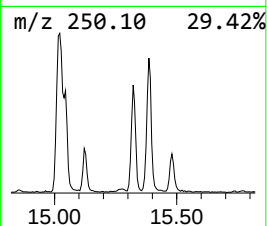
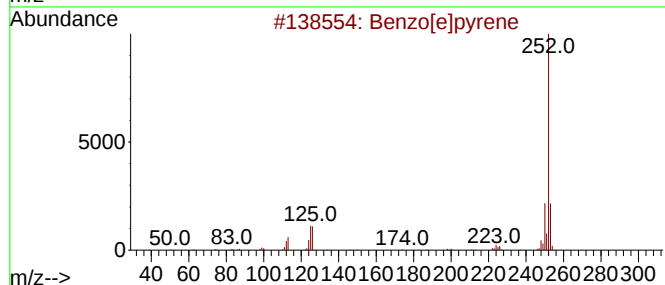
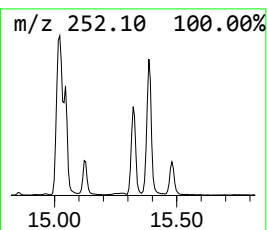
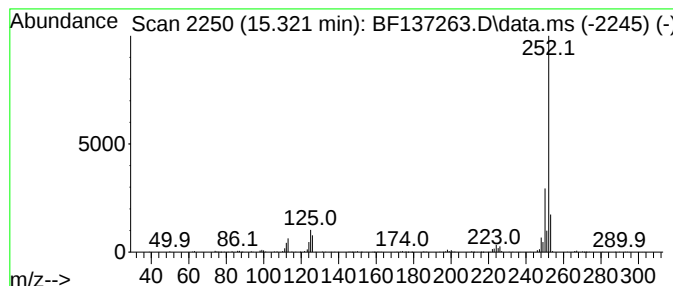
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	35.54 ng	525270	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

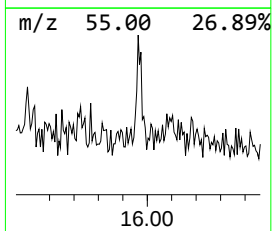
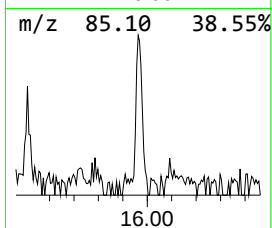
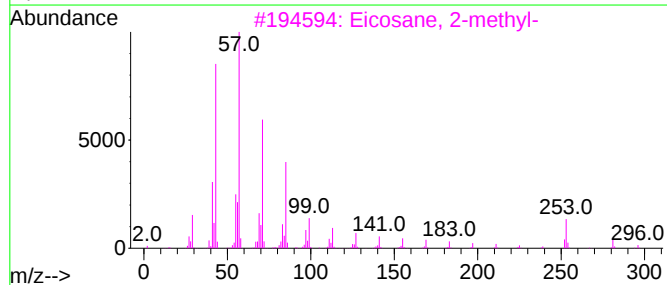
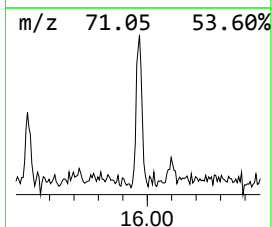
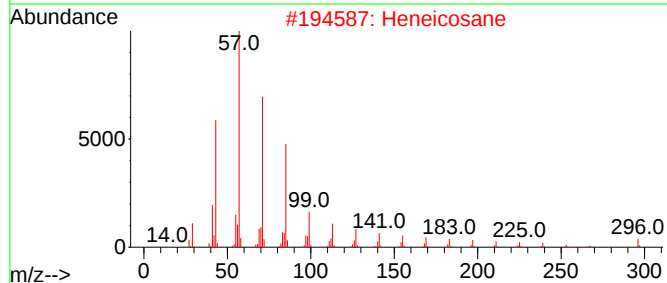
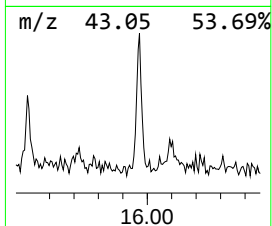
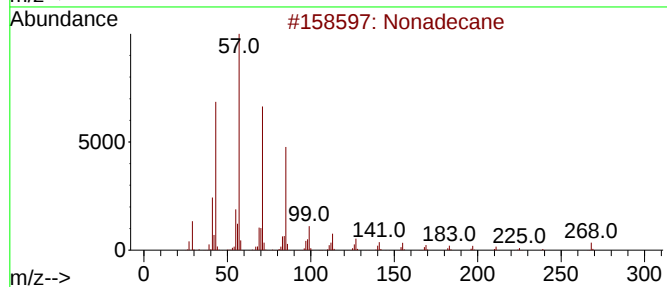
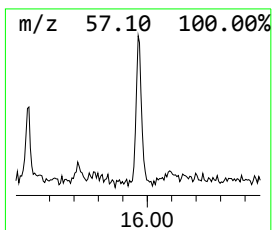
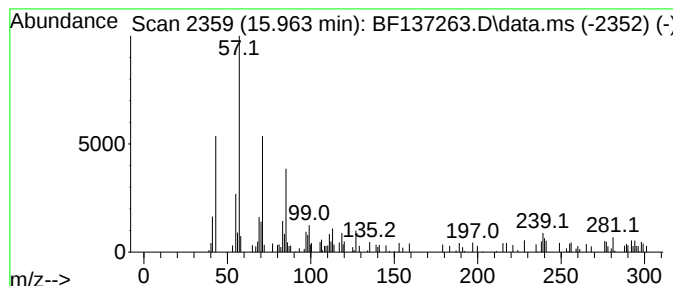
Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	5.58 ng	82544	Perylene-d12	15.451
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Nonadecane	268 C19H40	000629-92-5 96
2		Heneicosane	296 C21H44	000629-94-7 91
3		Eicosane, 2-methyl-	296 C21H44	001560-84-5 86
4		Heptadecane	240 C17H36	000629-78-7 83
5		1-Iodoundecane	282 C11H23I	004282-44-4 64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

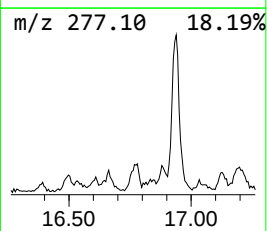
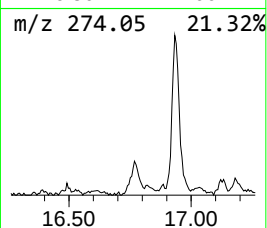
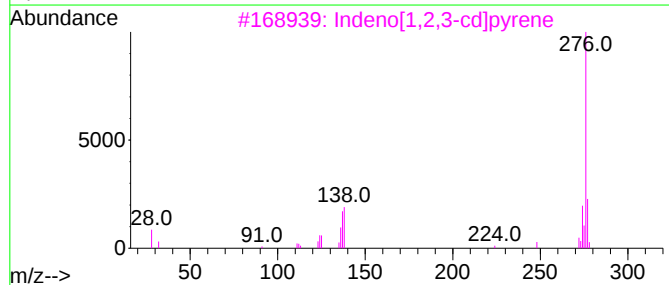
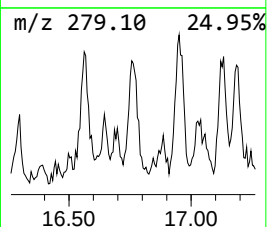
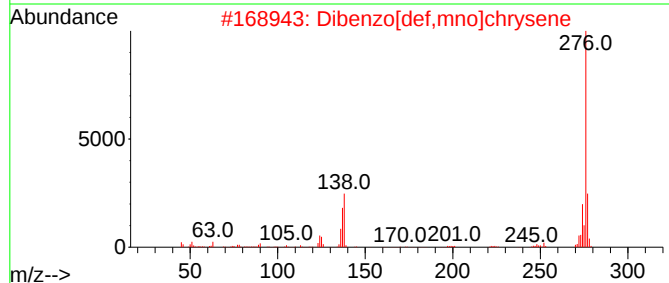
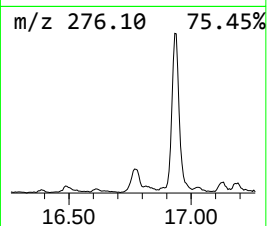
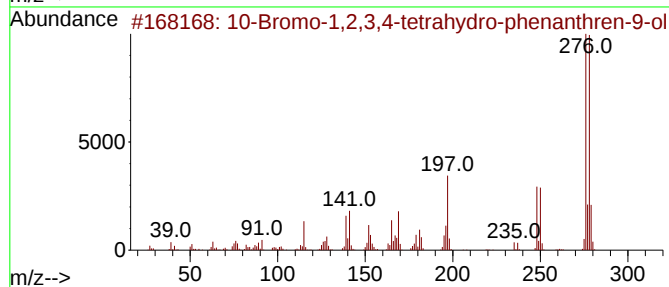
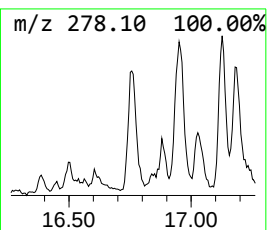
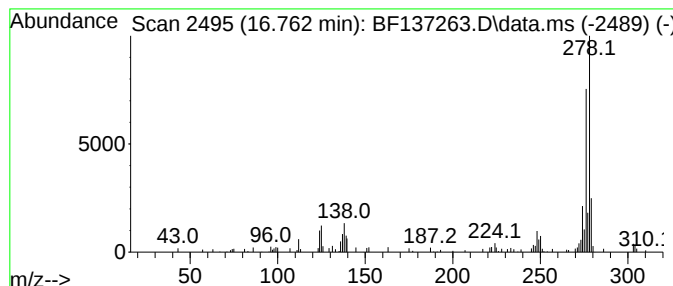
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.762	6.09 ng	89945	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	59		
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	46		
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46		
4	Benzo[b]chrysene	278	C22H14	000214-17-5	45		
5	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

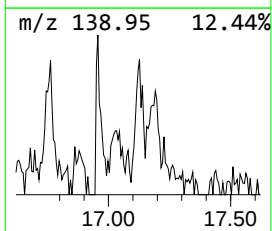
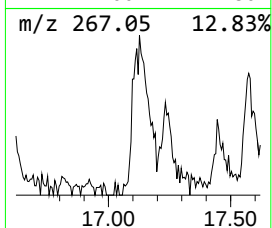
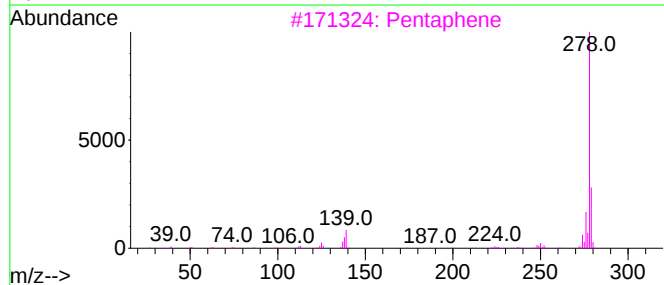
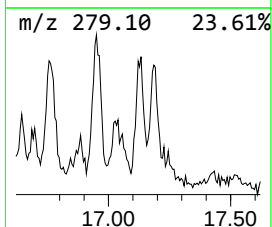
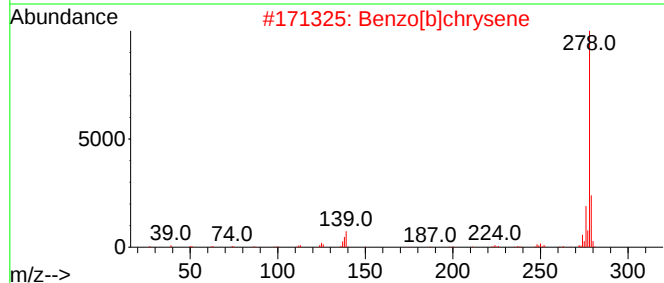
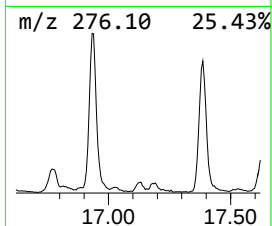
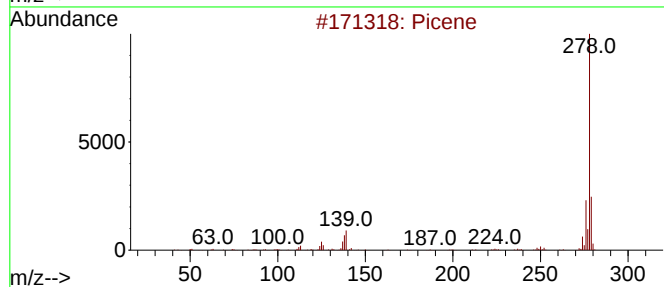
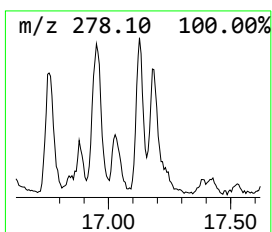
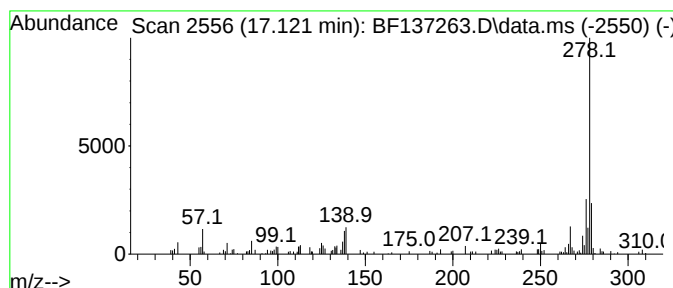
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.121	8.57 ng	126590	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	96
2			Benzo[b]chrysene	278	C22H14	000214-17-5	95
3			Pentaphene	278	C22H14	000222-93-5	95
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

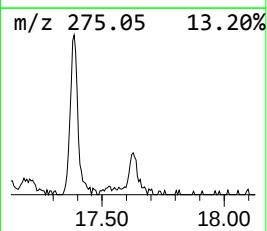
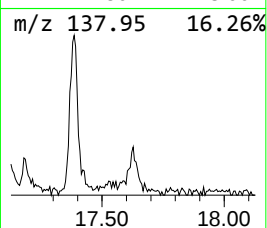
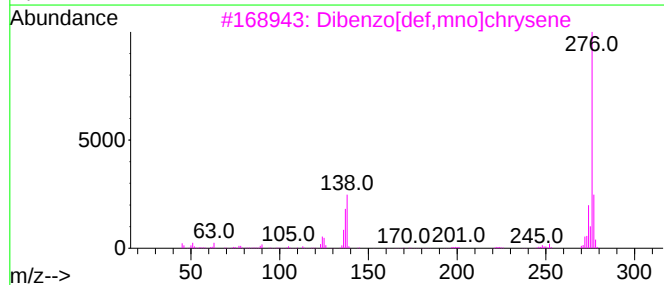
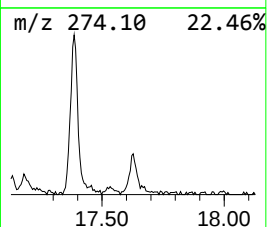
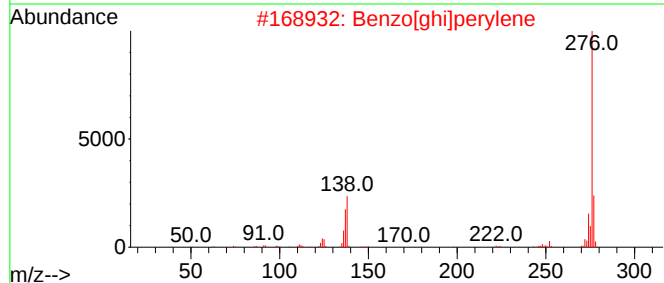
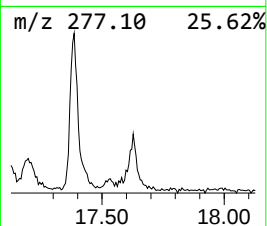
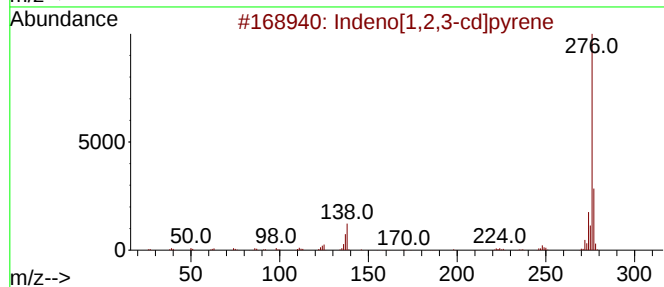
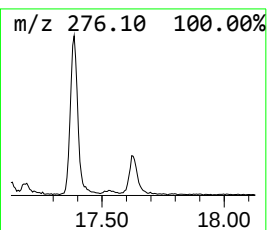
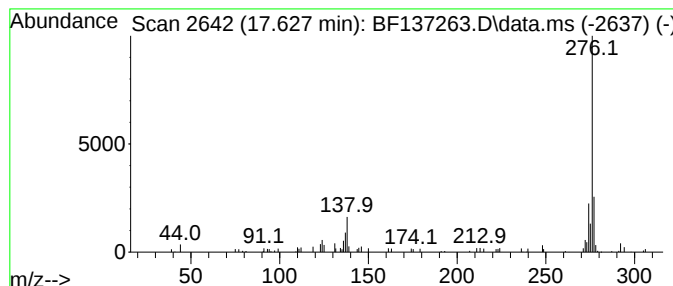
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	5.73 ng	84758	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	90
3			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	81
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5			Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
Data File : BF137263.D
Acq On : 02 Feb 2024 19:16
Operator : CG\JU
Sample : P1340-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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...	2.111	12.0	ng	203356	1	6.793	339915	20.0
9H-Fluoren-9-one	11.116	6.4	ng	124671	4	11.316	388858	20.0
4-(4-Methylphen...	11.163	5.5	ng	107264	4	11.316	388858	20.0
Dibenzothiophene	11.210	5.5	ng	107484	4	11.316	388858	20.0
Phenanthrene, 1...	11.816	15.1	ng	292634	4	11.316	388858	20.0
Phenanthrene, 2...	11.845	23.1	ng	448822	4	11.316	388858	20.0
1H-Indene, 2-ph...	11.892	7.8	ng	151688	4	11.316	388858	20.0
4H-Cyclopenta[d...	11.928	19.6	ng	381089	4	11.316	388858	20.0
Phenanthrene, 4...	11.951	9.1	ng	176792	4	11.316	388858	20.0
5,16[1',2']:8,1...	12.116	7.9	ng	154002	4	11.316	388858	20.0
9,10-Anthracene...	12.139	6.5	ng	125635	4	11.316	388858	20.0
Phenanthrene, 2...	12.369	8.0	ng	155701	4	11.316	388858	20.0
Cyclopenta(def)...	12.457	8.6	ng	166747	4	11.316	388858	20.0
7,12-Dihydroben...	14.851	9.9	ng	146967	6	15.451	295597	20.0
Benzo[e]pyrene	15.121	12.4	ng	182531	6	15.451	295597	20.0
Perylene	15.321	35.5	ng	525270	6	15.451	295597	20.0
Nonadecane	15.963	5.6	ng	82544	6	15.451	295597	20.0
10-Bromo-1,2,3,...	16.762	6.1	ng	89945	6	15.451	295597	20.0
Picene	17.121	8.6	ng	126590	6	15.451	295597	20.0
Dibenzo[def,mno...	17.627	5.7	ng	84758	6	15.451	295597	20.0