

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131795.D
 Acq On : 23 Dec 2022 01:08
 Operator : CG\JU
 Sample : N6088-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B01

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-BF122022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131795.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	501	506	514	rBV	559763	672641	16.35%	1.426%
2	5.469	571	575	579	rVB	1686599	1521855	36.98%	3.227%
3	6.122	683	686	689	rVB	149161	125520	3.05%	0.266%
4	6.493	744	749	752	rBV	1559243	1555763	37.81%	3.299%
5	6.681	777	781	784	rBV2	138042	128477	3.12%	0.272%
6	6.857	808	811	814	rVB	647520	515068	12.52%	1.092%
7	6.969	826	830	833	rBV	404236	319865	7.77%	0.678%
8	7.428	904	908	910	rVV	1044053	1020374	24.80%	2.163%
9	7.452	910	912	916	rVB	282245	220475	5.36%	0.467%
10	8.122	1023	1026	1028	rBV	356501	271840	6.61%	0.576%
11	8.146	1028	1030	1032	rVV	688395	566118	13.76%	1.200%
12	8.169	1032	1034	1037	rVV	514172	378969	9.21%	0.804%
13	8.434	1072	1079	1085	rBV4	70217	118956	2.89%	0.252%
14	8.563	1097	1101	1103	rBV	116816	102332	2.49%	0.217%
15	8.734	1127	1130	1133	rBV	443229	311552	7.57%	0.661%
16	8.863	1149	1152	1155	rVB	291475	215880	5.25%	0.458%
17	8.963	1165	1169	1172	rVB	191850	164131	3.99%	0.348%
18	9.016	1175	1178	1182	rBV4	62805	81436	1.98%	0.173%
19	9.228	1209	1214	1217	rBV	2152867	1616018	39.27%	3.426%
20	9.304	1223	1227	1235	rBV3	273856	430885	10.47%	0.914%
21	9.493	1255	1259	1263	rVB	83904	116598	2.83%	0.247%
22	9.563	1268	1271	1274	rBV	154233	161958	3.94%	0.343%
23	9.622	1278	1281	1283	rVB3	70130	75816	1.84%	0.161%
24	9.769	1303	1306	1309	rBV	103646	89285	2.17%	0.189%
25	9.834	1315	1317	1320	rVB	168588	114688	2.79%	0.243%
26	9.910	1323	1330	1333	rVV	681089	617438	15.01%	1.309%
27	9.945	1333	1336	1339	rVB	624309	553892	13.46%	1.174%
28	10.069	1352	1357	1360	rBV	250177	234822	5.71%	0.498%
29	10.116	1361	1365	1368	rVB	368422	330243	8.03%	0.700%
30	10.151	1368	1371	1375	rBV3	87765	82717	2.01%	0.175%
31	10.222	1380	1383	1386	rBV2	67679	75477	1.83%	0.160%
32	10.334	1400	1402	1405	rVB	198208	139548	3.39%	0.296%
33	10.457	1420	1423	1429	rVB	601683	532702	12.95%	1.129%
34	10.545	1436	1438	1441	rVB2	97429	86322	2.10%	0.183%
35	10.616	1447	1450	1457	rVB2	139904	172258	4.19%	0.365%
36	10.698	1461	1464	1468	rVB	802525	692442	16.83%	1.468%

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37	10.810	1480	1483	1492	rVB2	183765	284552	6.92%	0.603%
38	10.892	1492	1497	1500	rBV4	44196	79114	1.92%	0.168%
39	10.975	1508	1511	1513	rBV	269005	226789	5.51%	0.481%
40	11.004	1513	1516	1519	rVV3	252874	283095	6.88%	0.600%
41	11.034	1519	1521	1525	rVV3	64569	73934	1.80%	0.157%
42	11.140	1534	1539	1540	rBV3	58305	86364	2.10%	0.183%
43	11.175	1540	1545	1548	rVV2	176599	210684	5.12%	0.447%
44	11.257	1555	1559	1562	rVV2	186007	208269	5.06%	0.442%
45	11.298	1562	1566	1571	rVB2	236777	255224	6.20%	0.541%
46	11.404	1581	1584	1586	rBV	551908	548010	13.32%	1.162%
47	11.434	1586	1589	1592	rVV	3276759	2866724	69.67%	6.078%
48	11.481	1594	1597	1600	rVV	967193	739034	17.96%	1.567%
49	11.510	1600	1602	1605	rVV	88299	87090	2.12%	0.185%
50	11.639	1620	1624	1630	rVB	398842	348944	8.48%	0.740%
51	11.687	1630	1632	1638	rVV3	92703	128989	3.13%	0.273%
52	11.734	1638	1640	1645	rVB2	81980	97093	2.36%	0.206%
53	11.810	1650	1653	1658	rVB2	151569	136038	3.31%	0.288%
54	11.910	1666	1670	1672	rBV	285907	293873	7.14%	0.623%
55	11.934	1672	1674	1678	rVB	475518	413202	10.04%	0.876%
56	11.981	1680	1682	1685	rVV	170438	167320	4.07%	0.355%
57	12.022	1685	1689	1691	rVV	684921	683032	16.60%	1.448%
58	12.045	1691	1693	1696	rVB	227822	186076	4.52%	0.395%
59	12.204	1717	1720	1722	rVV	276336	228112	5.54%	0.484%
60	12.234	1722	1725	1730	rVB2	128498	135208	3.29%	0.287%
61	12.386	1748	1751	1753	rBV2	114730	98472	2.39%	0.209%
62	12.463	1761	1764	1766	rBV	182048	187890	4.57%	0.398%
63	12.486	1766	1768	1773	rVV3	167699	262077	6.37%	0.556%
64	12.551	1777	1779	1784	rVV2	93227	119766	2.91%	0.254%
65	12.639	1789	1794	1797	rBV	4202331	3731259	90.68%	7.911%
66	12.775	1815	1817	1821	rVB	110642	109138	2.65%	0.231%
67	12.863	1825	1832	1836	rBV2	2948529	4114792	100.00%	8.724%
68	12.904	1836	1839	1843	rVB2	161935	169766	4.13%	0.360%
69	12.975	1848	1851	1852	rBV	234936	206536	5.02%	0.438%
70	12.998	1852	1855	1861	rVB2	1421006	1425455	34.64%	3.022%
71	13.075	1863	1868	1871	rBV3	206844	371701	9.03%	0.788%
72	13.110	1871	1874	1879	rVB	100008	123297	3.00%	0.261%
73	13.157	1879	1882	1884	rBV3	187900	224975	5.47%	0.477%
74	13.186	1884	1887	1890	rVB	606854	518262	12.60%	1.099%
75	13.222	1890	1893	1895	rBV	218523	213217	5.18%	0.452%
76	13.251	1895	1898	1901	rVV	532756	440741	10.71%	0.934%

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77	13.286	1901	1904	1907	rVV2	279104	319806	7.77%	0.678%
78	13.316	1907	1909	1911	rVB	115209	93625	2.28%	0.199%
79	13.381	1918	1920	1923	rVB	148549	125930	3.06%	0.267%
80	13.410	1923	1925	1928	rBV2	173129	175195	4.26%	0.371%
81	13.563	1949	1951	1954	rBV2	256496	260918	6.34%	0.553%
82	13.692	1971	1973	1978	rVB	160330	174069	4.23%	0.369%
83	13.804	1990	1992	1995	rBV	200051	188296	4.58%	0.399%
84	13.833	1995	1997	1999	rVV	222280	167550	4.07%	0.355%
85	13.863	1999	2002	2005	rVV2	196556	275892	6.70%	0.585%
86	13.898	2005	2008	2013	rVB4	314523	379604	9.23%	0.805%
87	14.057	2028	2035	2038	rBV3	1569741	2534940	61.61%	5.375%
88	14.092	2038	2041	2046	rVB	1538993	1369919	33.29%	2.905%
89	14.169	2051	2054	2056	rVV2	309245	270661	6.58%	0.574%
90	14.210	2058	2061	2066	rVV3	297010	317832	7.72%	0.674%
91	14.445	2099	2101	2104	rVB	237910	204702	4.97%	0.434%
92	14.522	2111	2114	2116	rBV	270950	276232	6.71%	0.586%
93	14.833	2165	2167	2171	rBV2	186524	165143	4.01%	0.350%
94	15.122	2212	2216	2219	rBV	785769	1206553	29.32%	2.558%
95	15.227	2232	2234	2238	rVB	154357	147209	3.58%	0.312%
96	15.433	2265	2269	2275	rVB	508197	684270	16.63%	1.451%
97	15.498	2276	2280	2285	rVB	759486	966076	23.48%	2.048%
98	15.563	2287	2291	2294	rBV2	284228	422703	10.27%	0.896%
99	17.074	2543	2548	2555	rVB2	284393	558452	13.57%	1.184%
100	17.533	2622	2626	2636	rVB	203917	380451	9.25%	0.807%

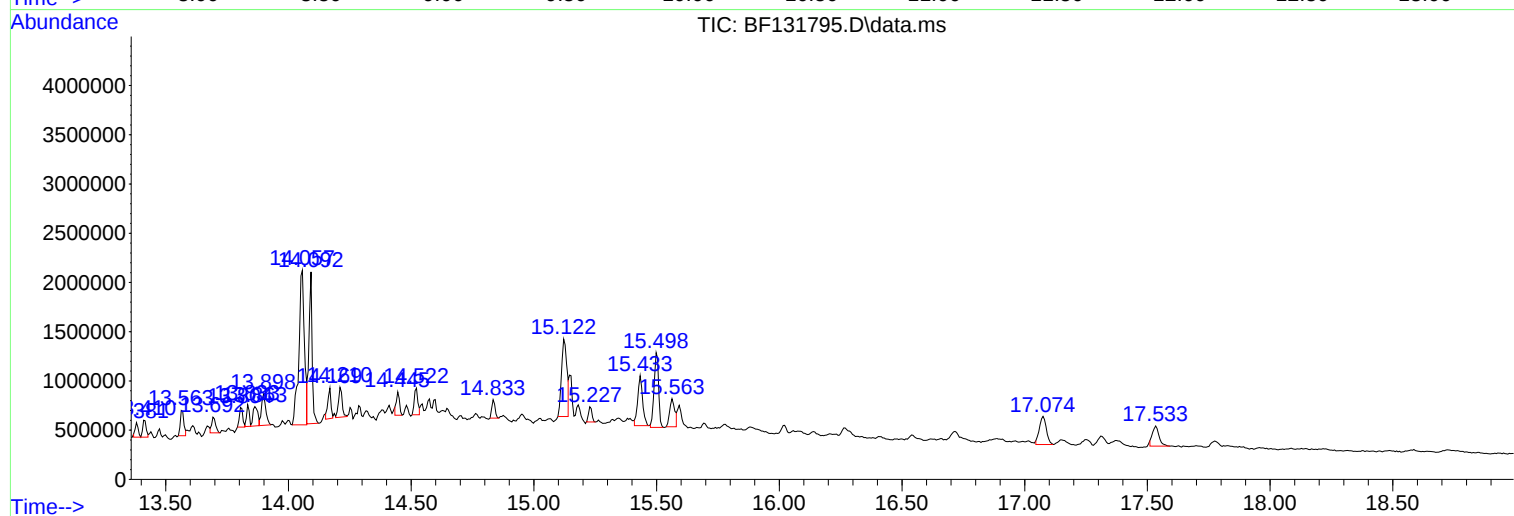
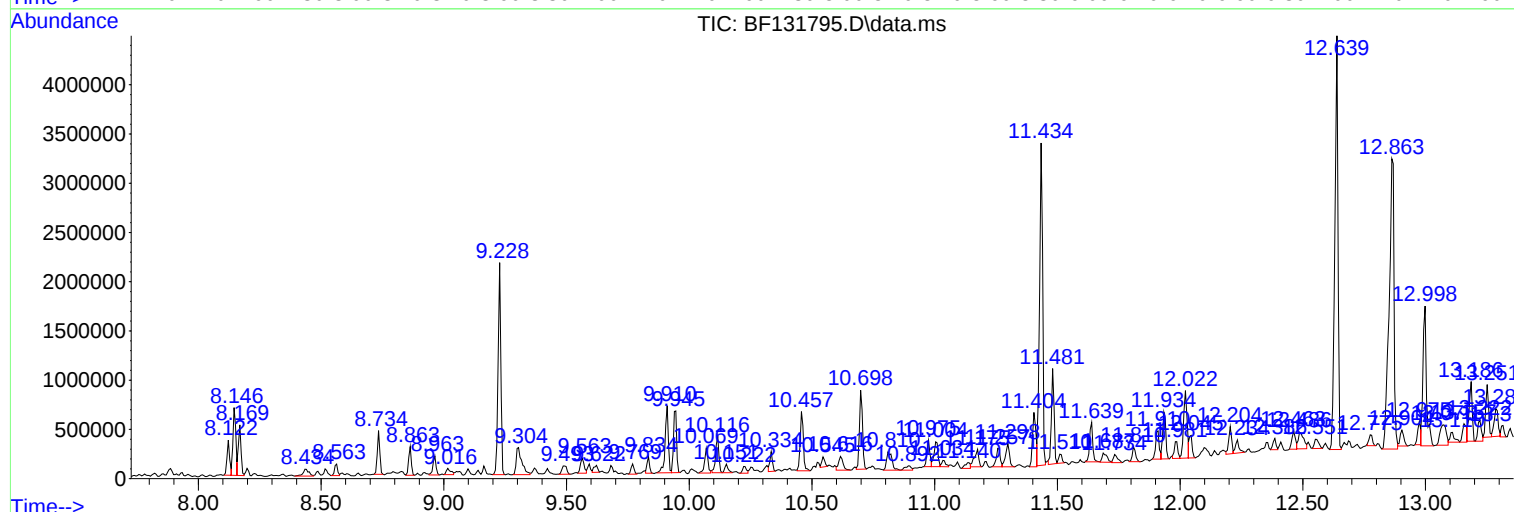
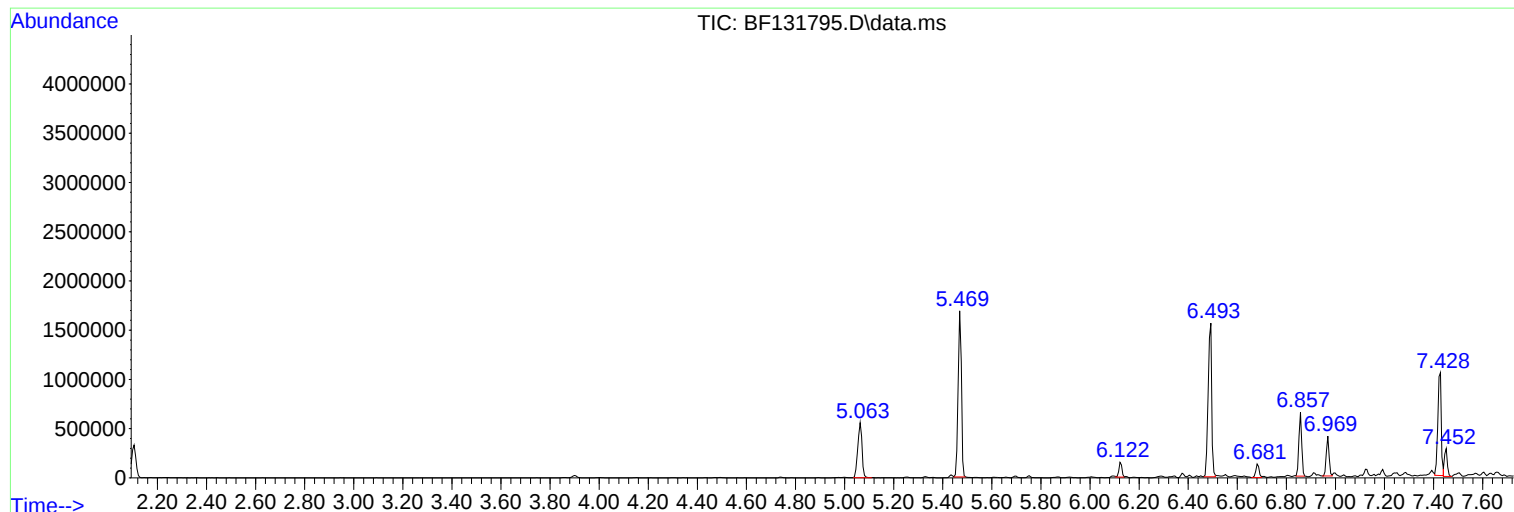
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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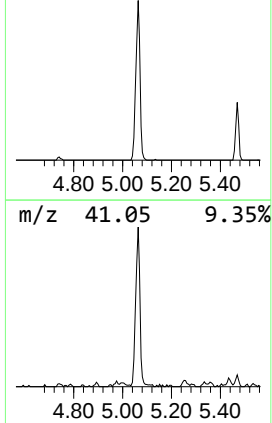
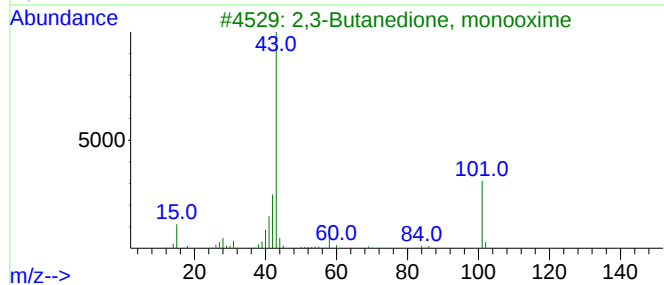
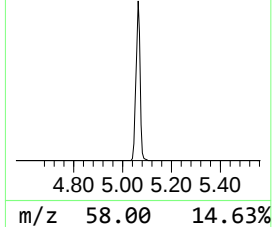
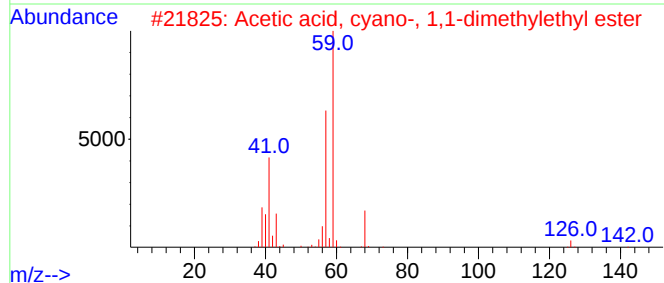
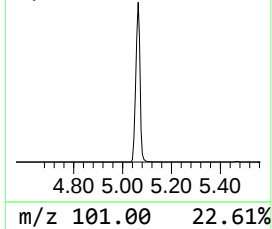
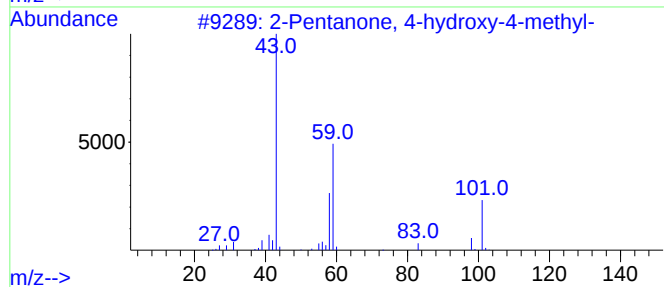
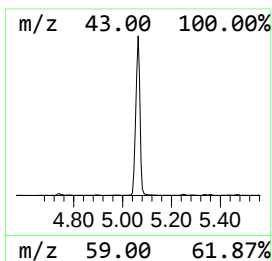
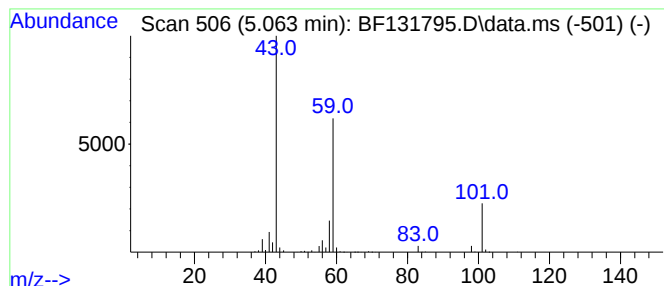
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	26.12 ng	672641	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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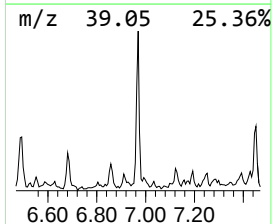
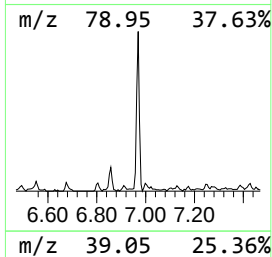
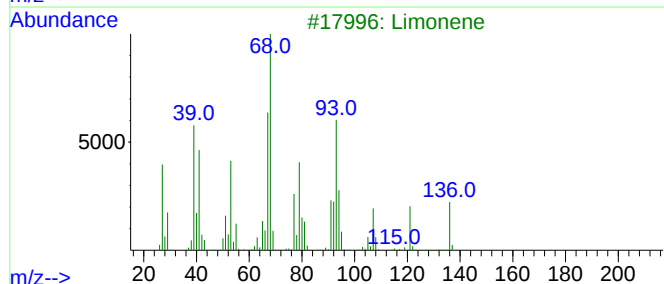
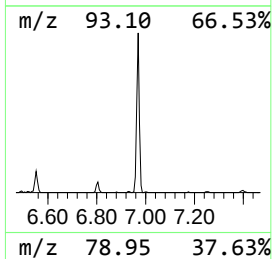
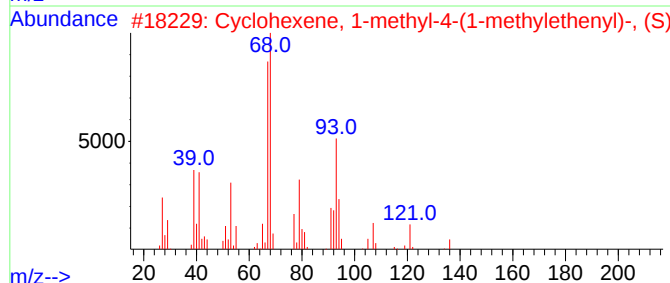
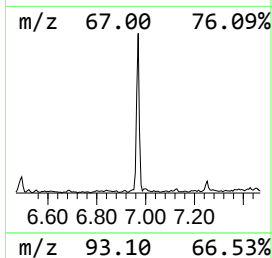
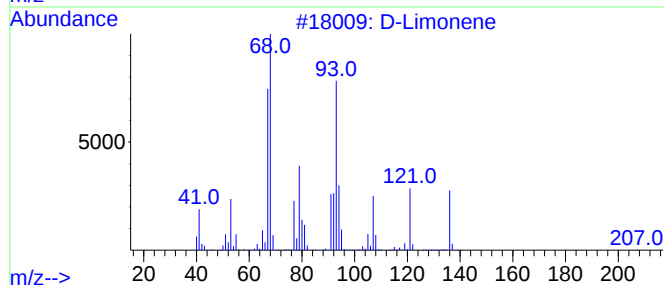
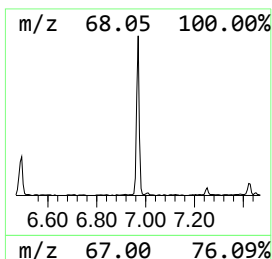
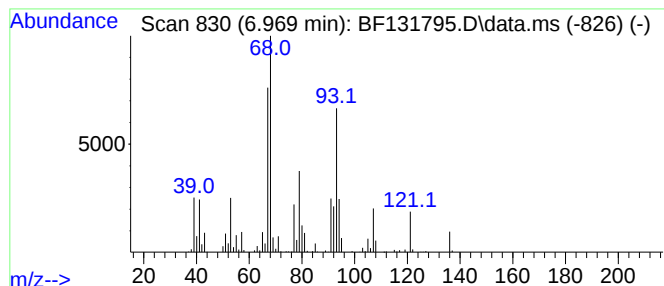
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	12.42 ng	319865	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	94
3			Limonene	136	C10H16	000138-86-3	91
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	81
5			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	80



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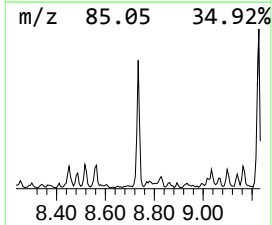
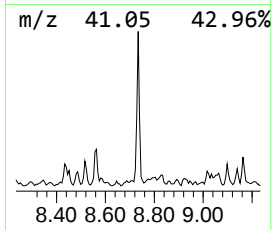
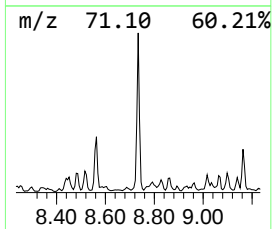
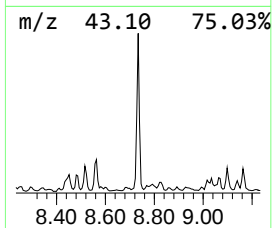
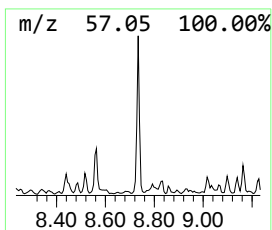
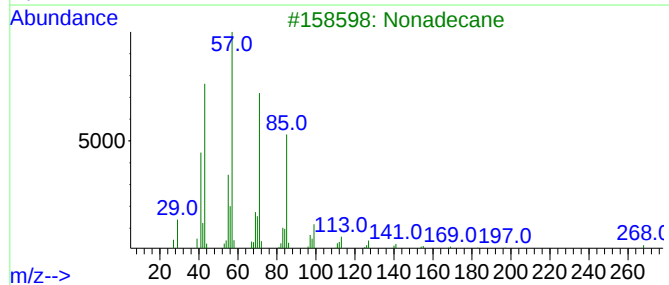
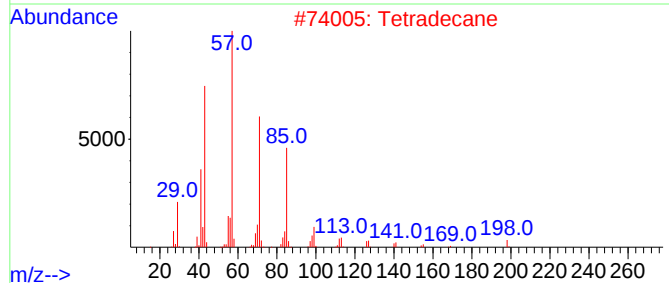
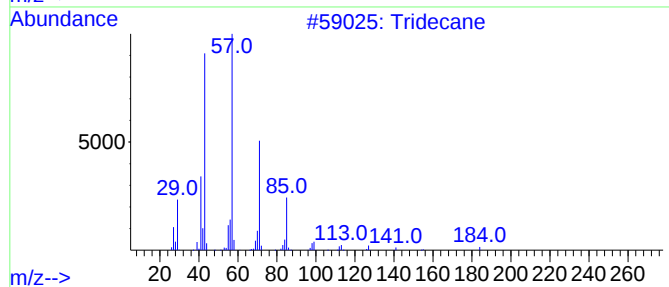
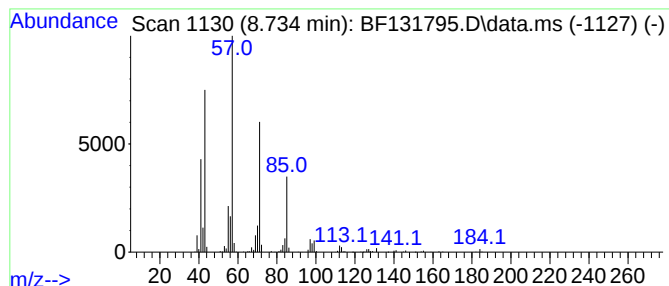
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	11.01 ng	311552	Naphthalene-d8	8.146

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Nonadecane	268	C19H40	000629-92-5	83
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5		Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B01

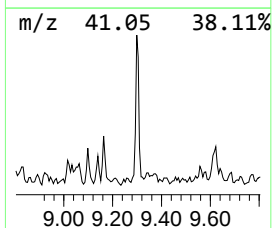
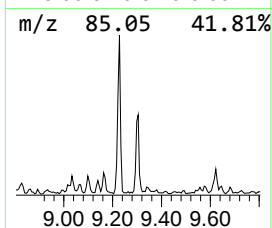
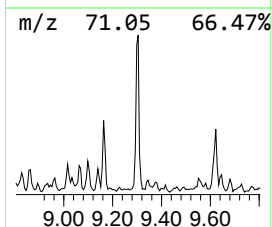
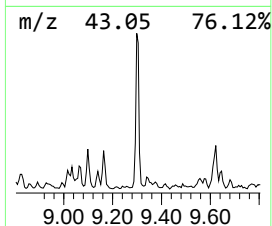
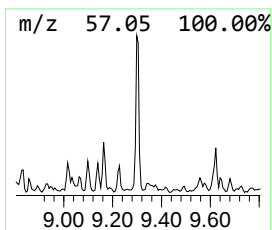
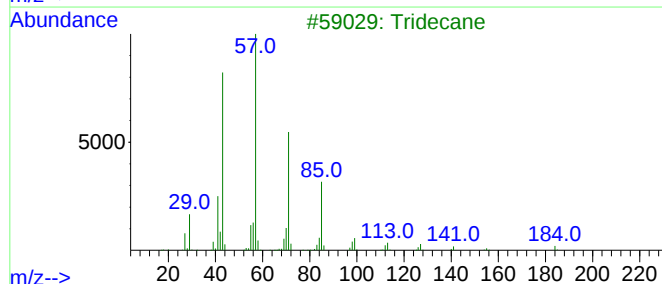
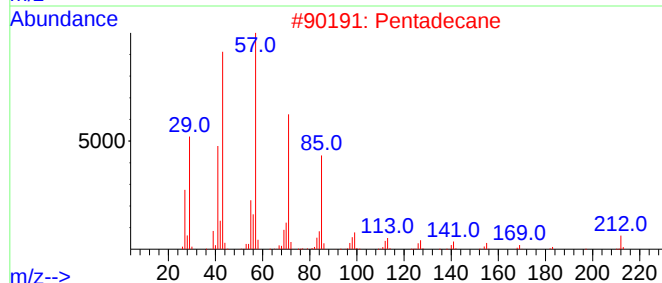
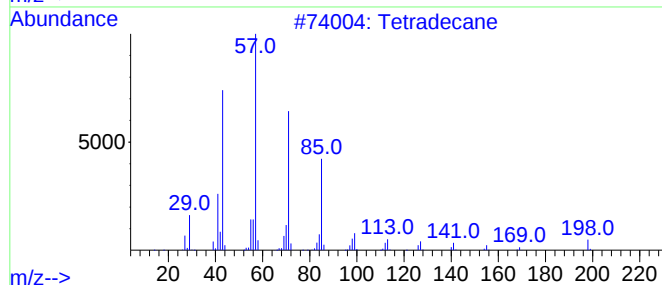
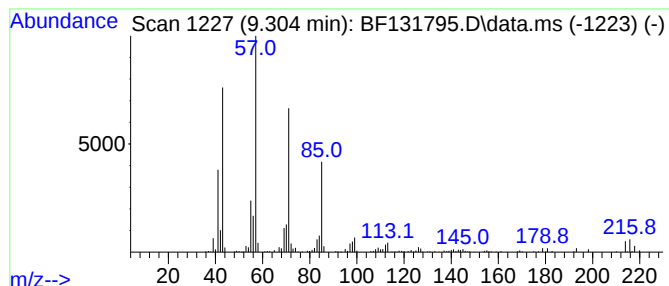
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	13.96 ng	430885	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
5		Nonadecane	268	C19H40	000629-92-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Sample : N6088-01
Misc :
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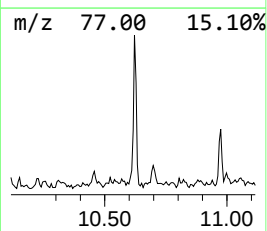
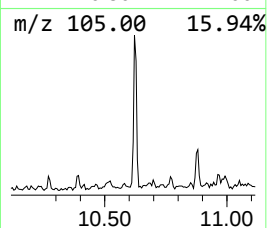
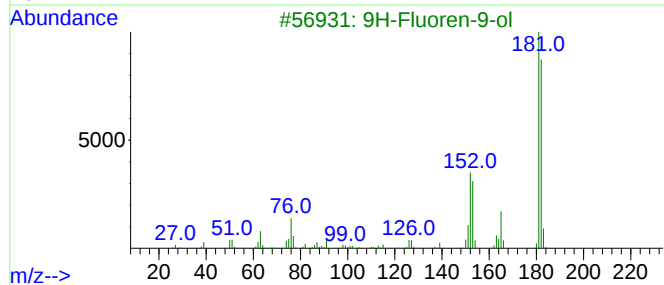
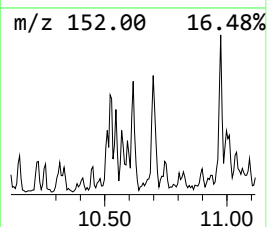
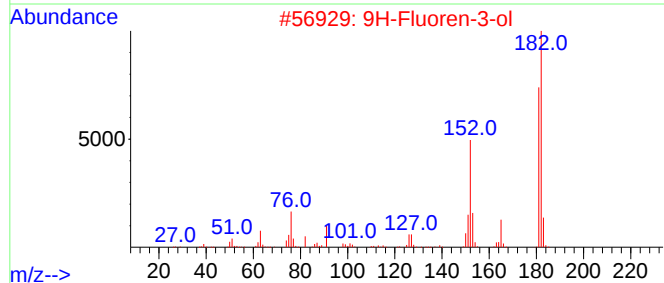
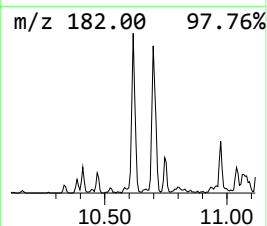
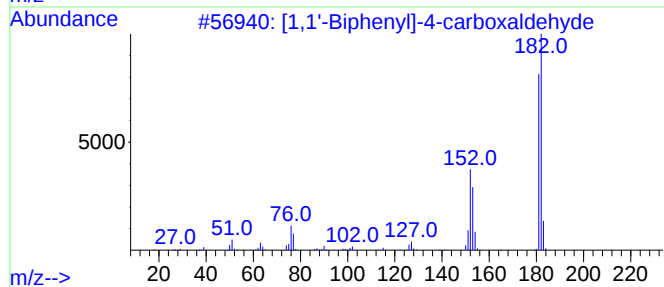
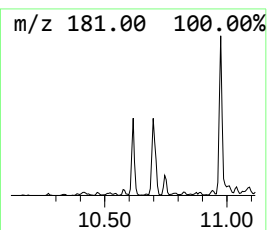
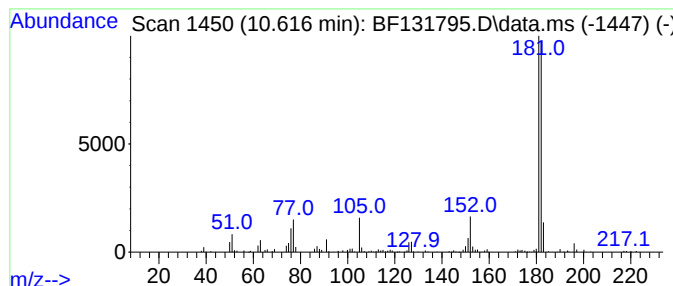
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.616	5.58 ng	172258	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	90
2	9H-Fluoren-3-ol		182	C13H10O	006344-67-8	86
3	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	78
4	8-Methyl-5H-pyrido[4,3-b]indole		182	C12H10N2	088894-13-7	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Operator : CG\JU
Sample : N6088-01
Misc :
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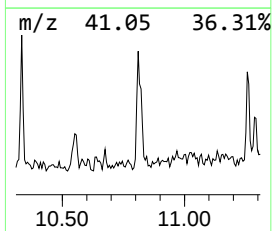
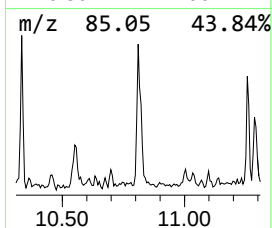
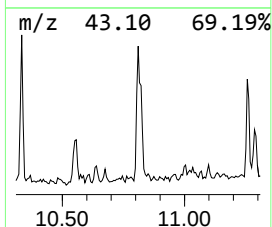
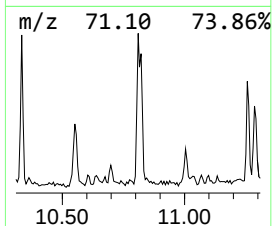
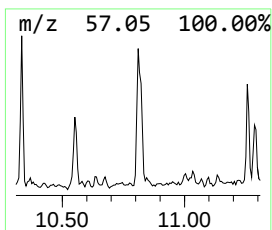
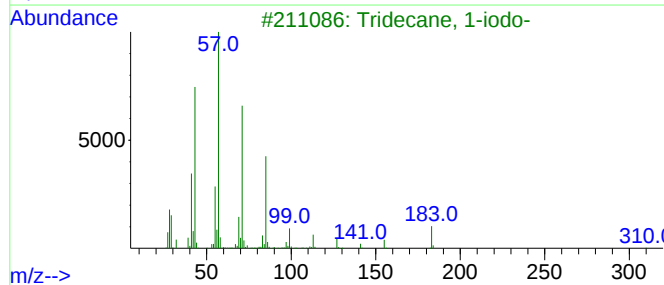
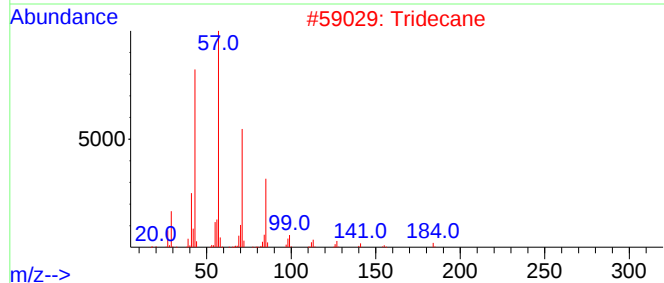
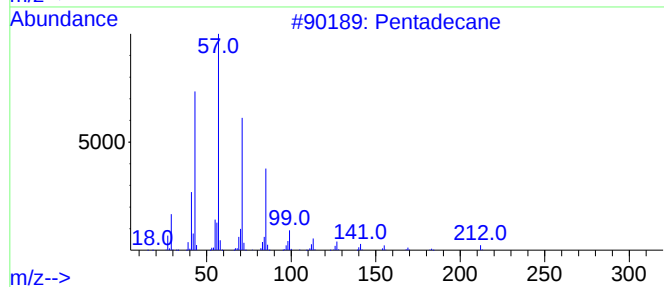
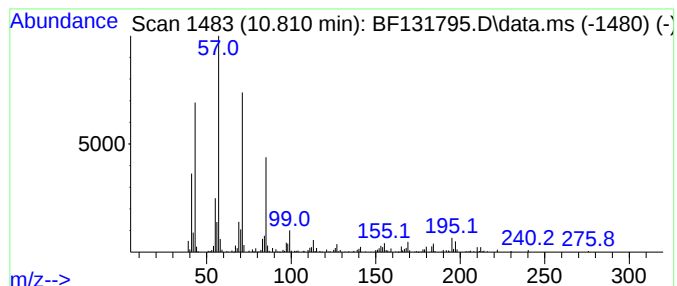
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.810	10.38 ng	284552	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	87
5	Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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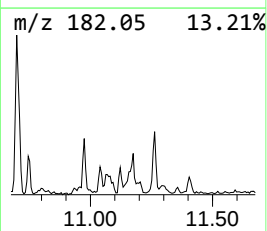
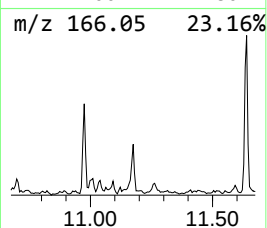
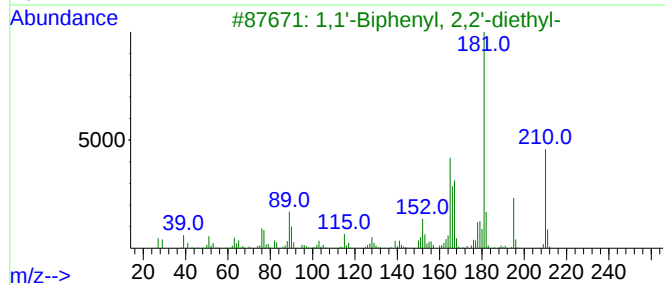
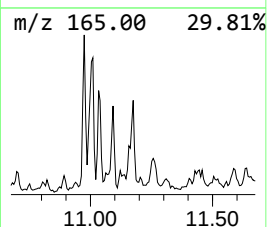
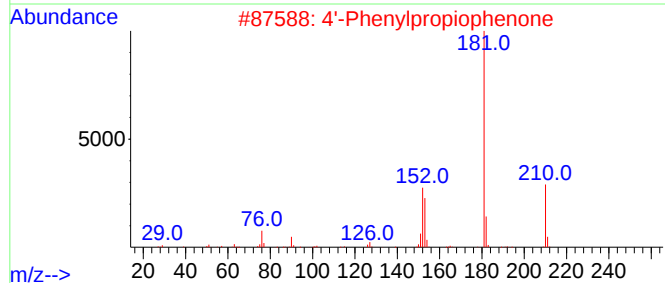
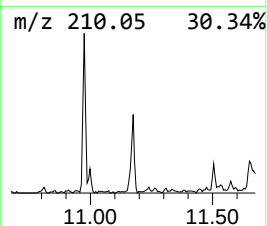
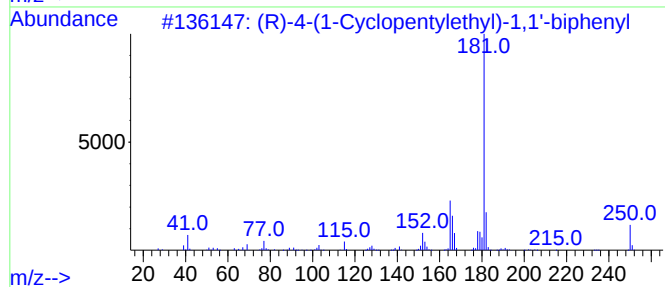
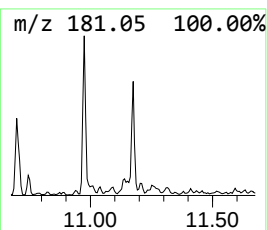
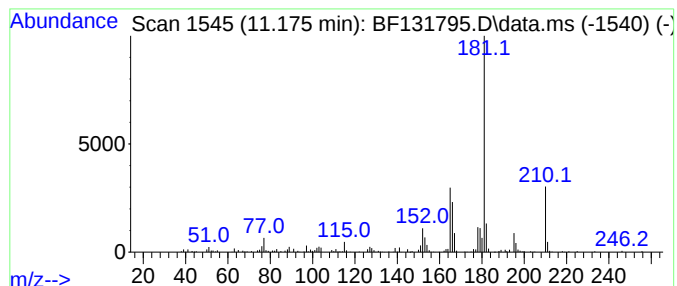
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 (R)-4-(1-Cyclopentylethyl)-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.175	7.69 ng	210684	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(R)-4-(1-Cyclopentylethyl)-1,1'-...		250	C19H22	1402851-80-2	64
2	4'-Phenylpropiophenone		210	C15H14O	037940-57-1	60
3	1,1'-Biphenyl, 2,2'-diethyl-		210	C16H18	013049-35-9	59
4	Bifenthrin		422	C23H22ClF3O2	082657-04-3	59
5	Methane, di-p-tolyl-		196	C15H16	004957-14-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Sample : N6088-01
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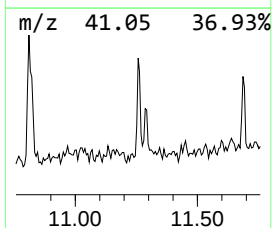
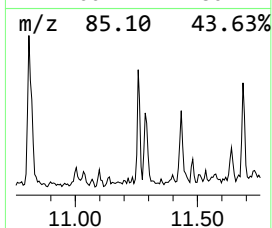
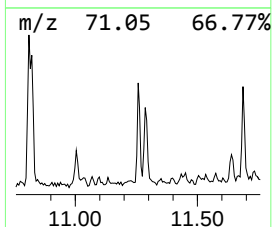
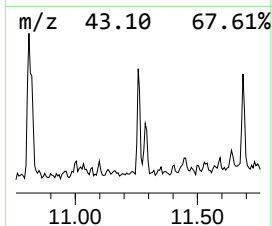
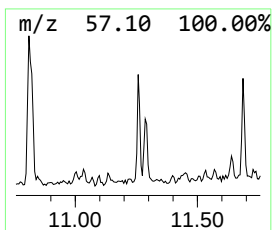
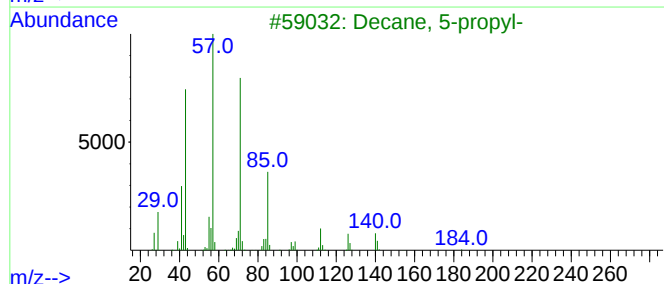
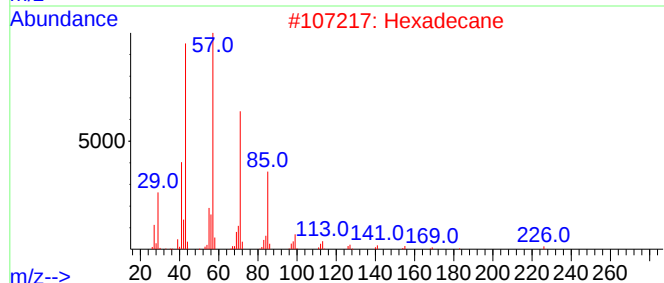
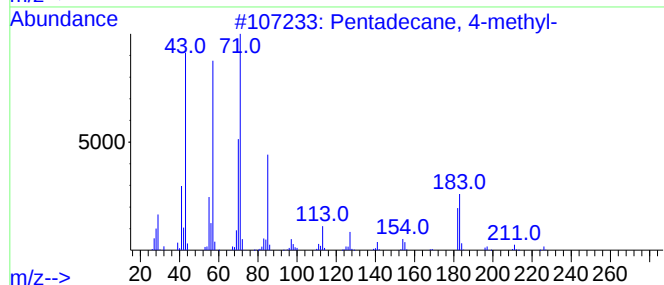
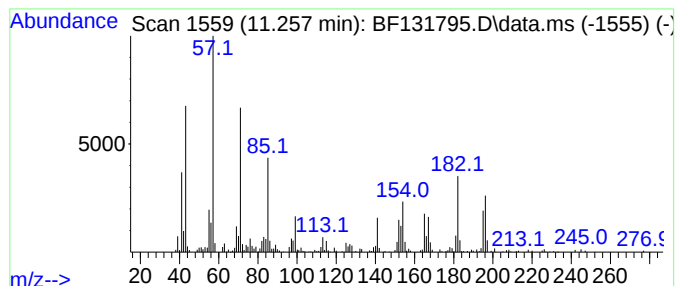
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.257 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.257	7.60 ng	208269	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-		226	C16H34	002801-87-8	41
2	Hexadecane		226	C16H34	000544-76-3	38
3	Decane, 5-propyl-		184	C13H28	017312-62-8	38
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	30
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
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ALS Vial : 18 Sample Multiplier: 1

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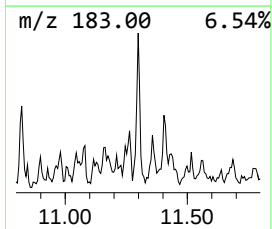
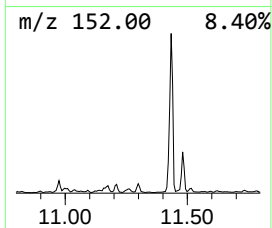
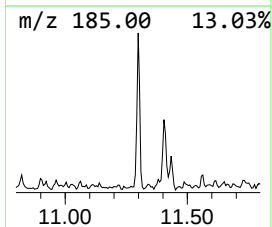
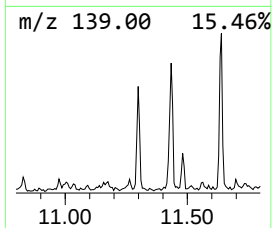
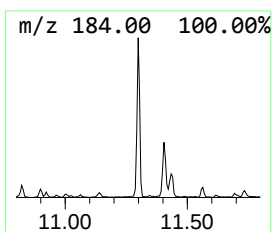
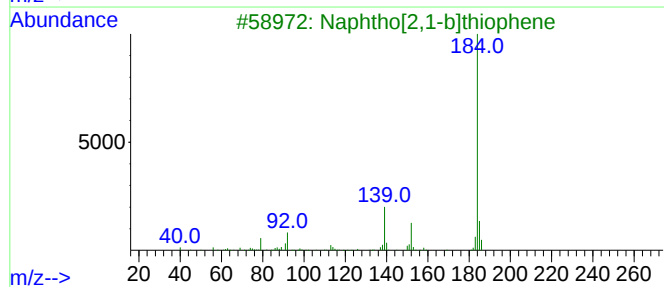
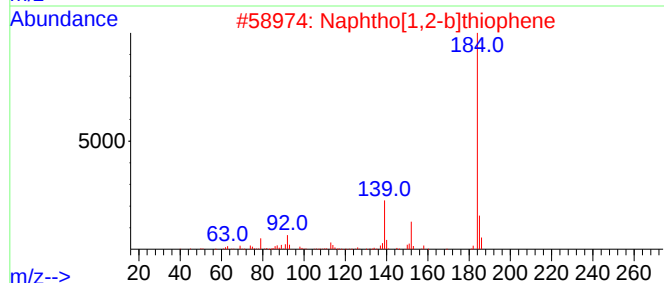
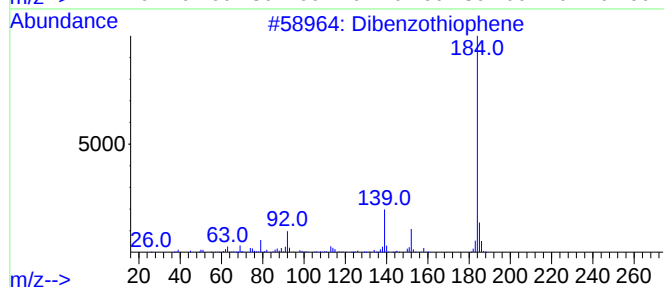
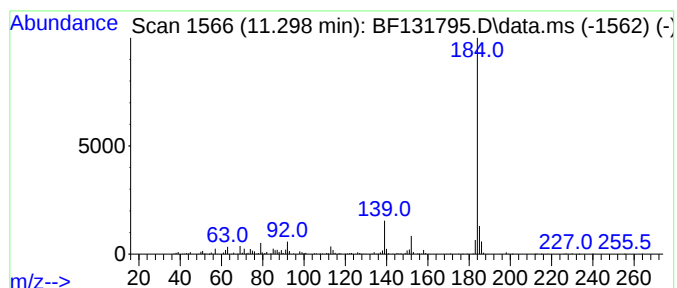
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	9.31 ng	255224	Phenanthrene-d10	11.404

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	93
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-27-5B01

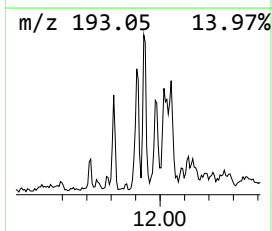
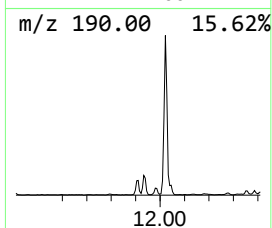
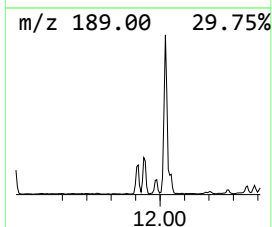
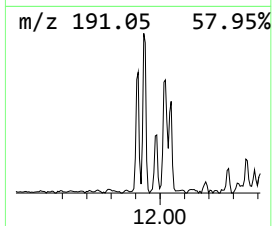
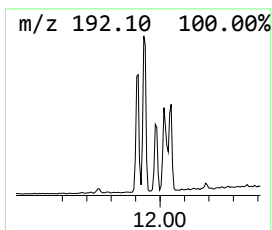
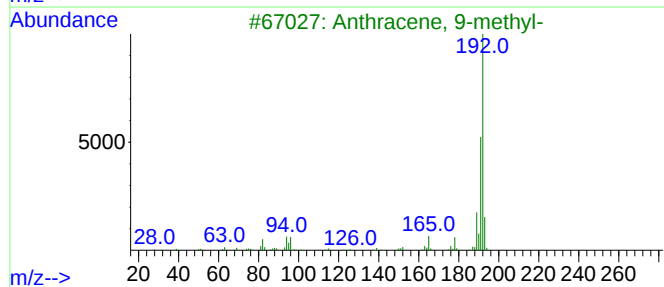
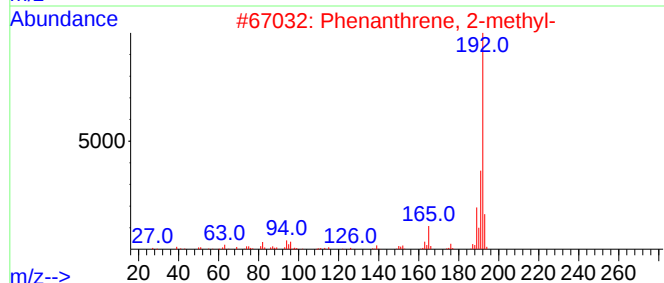
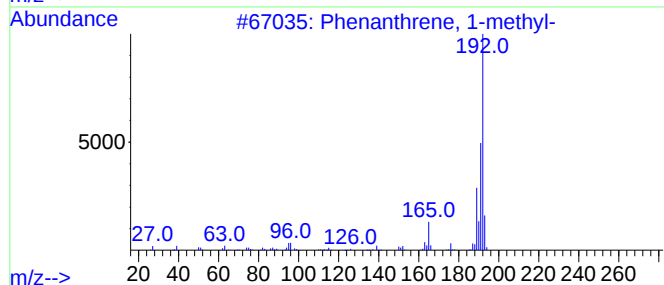
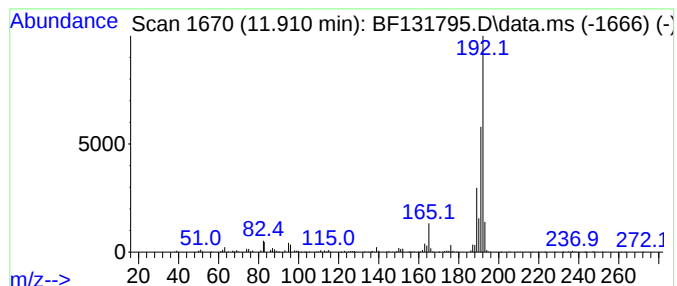
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	10.73 ng	293873	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

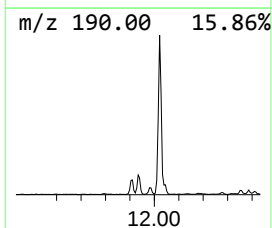
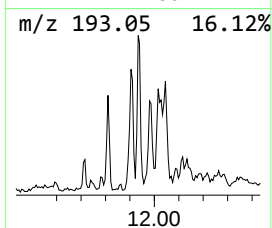
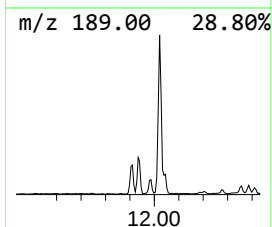
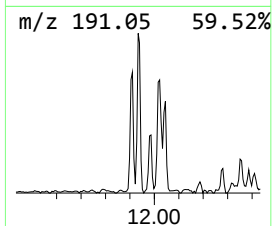
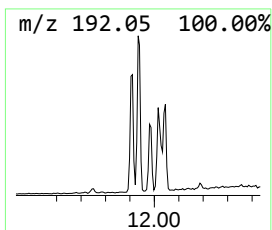
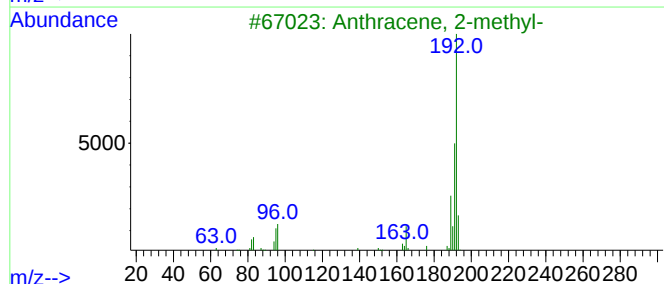
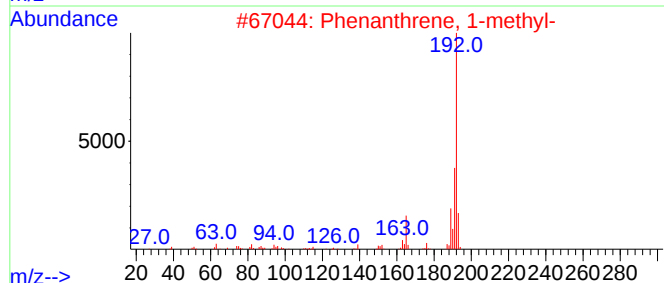
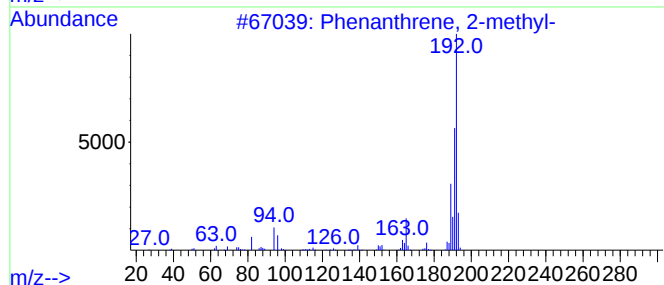
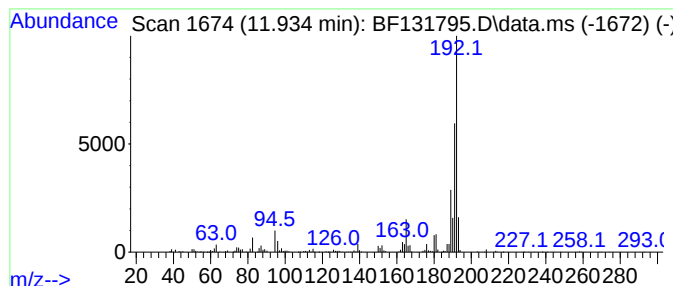
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.934	15.08 ng	413202	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B01

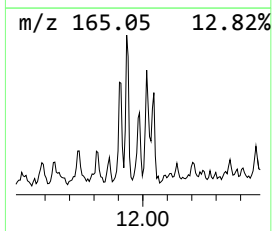
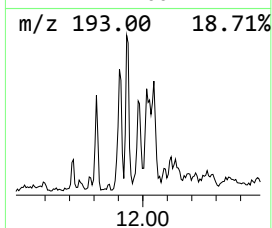
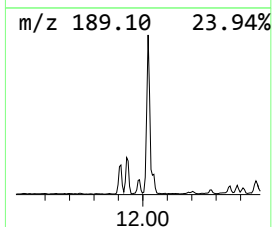
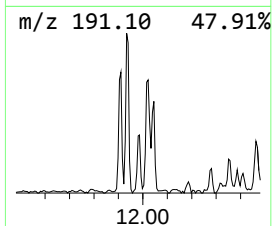
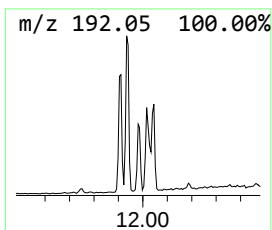
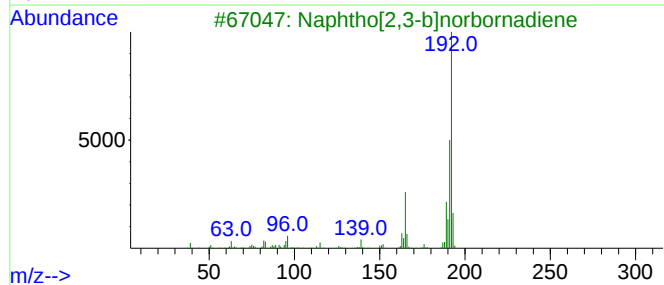
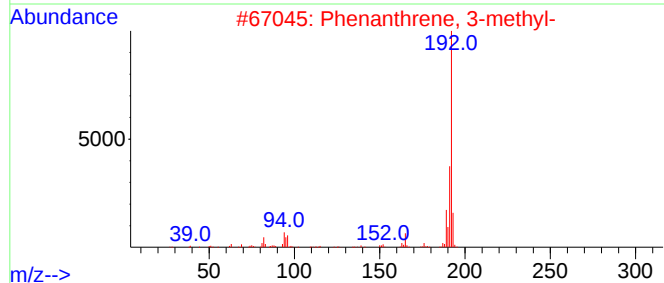
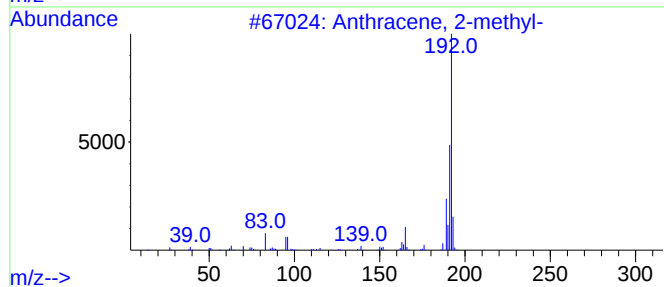
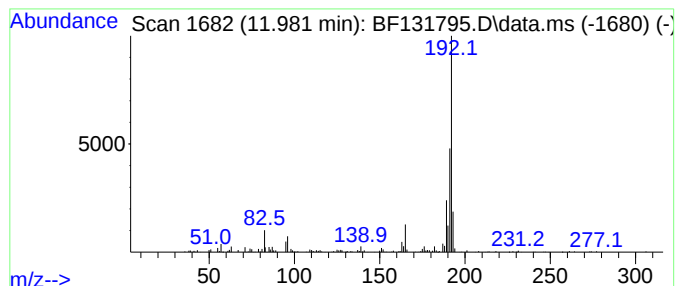
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.981	6.11 ng	167320	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
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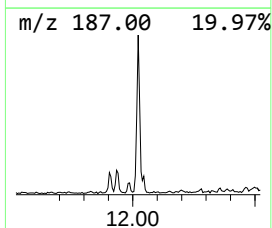
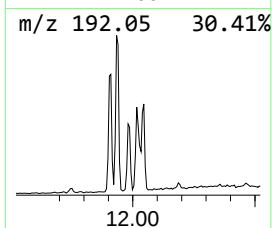
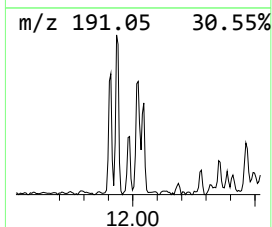
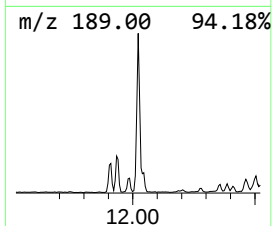
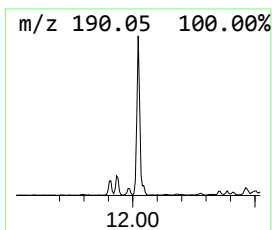
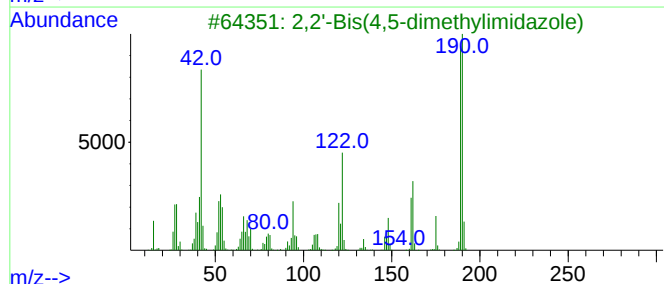
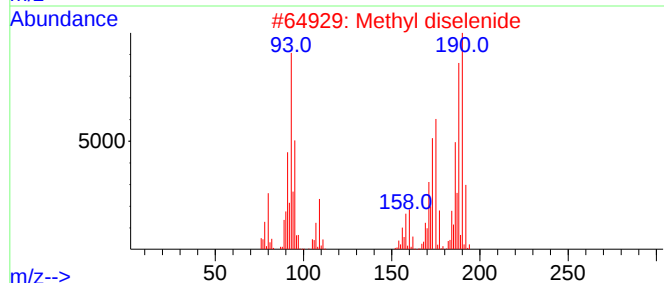
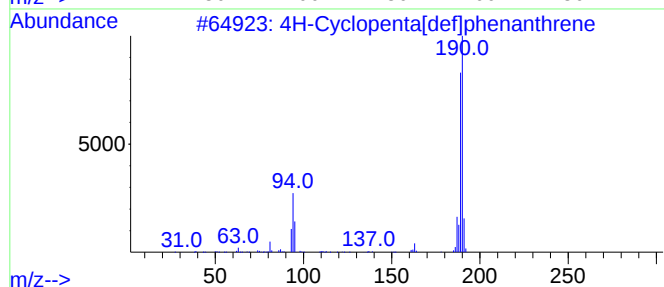
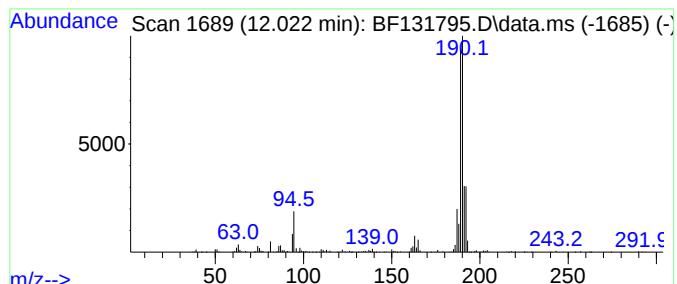
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.022	24.93 ng	683032	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	Methyl diselenide		190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40
5	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

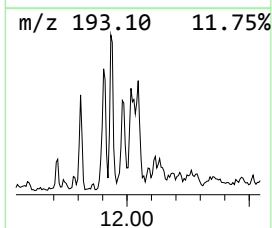
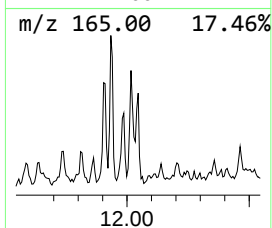
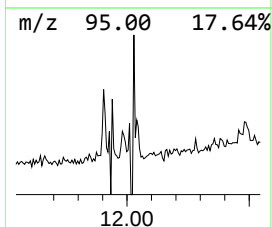
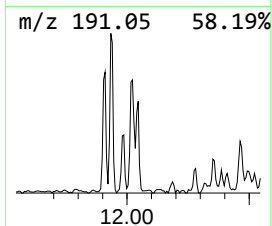
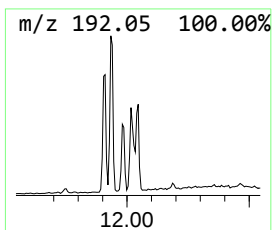
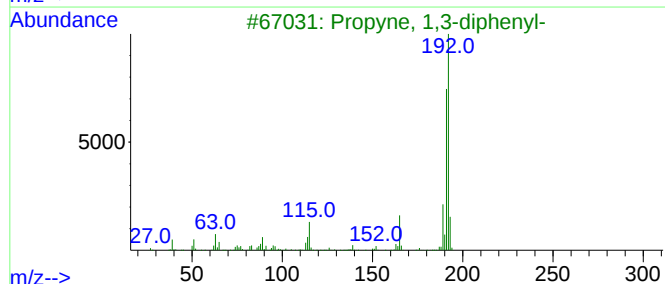
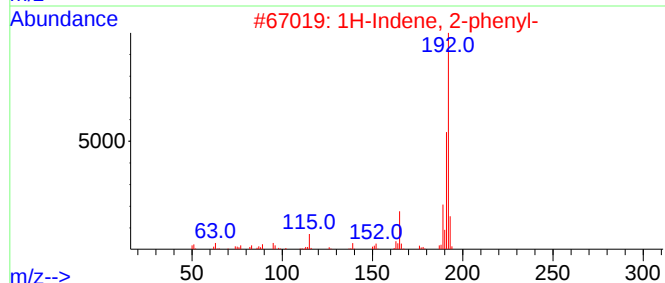
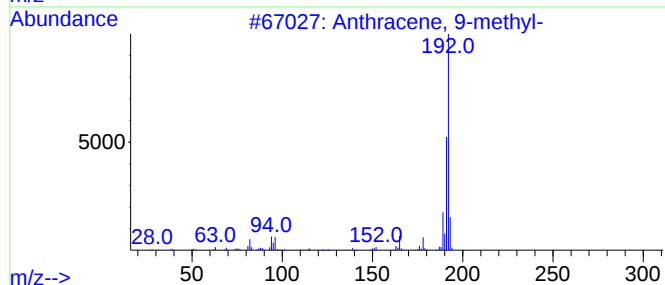
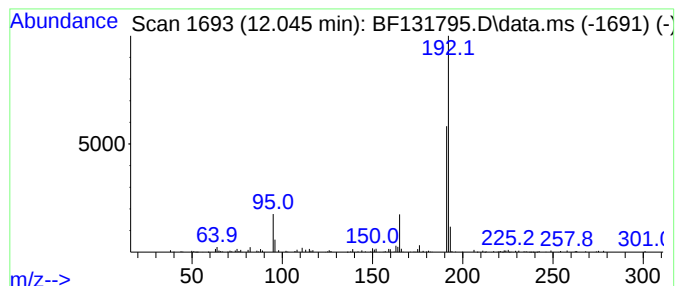
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.045	6.79 ng	186076	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-		192	C15H12	000779-02-2	83
2	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	80
3	Propyne, 1,3-diphenyl-		192	C15H12	004980-70-5	80
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	78
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

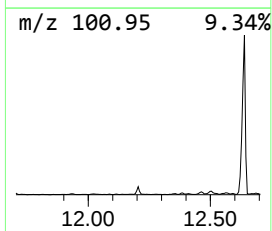
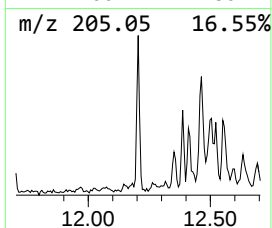
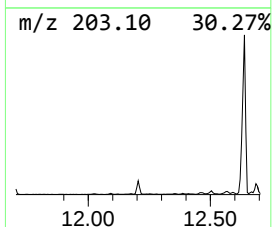
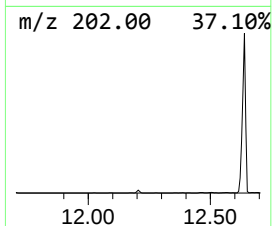
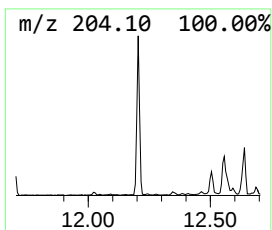
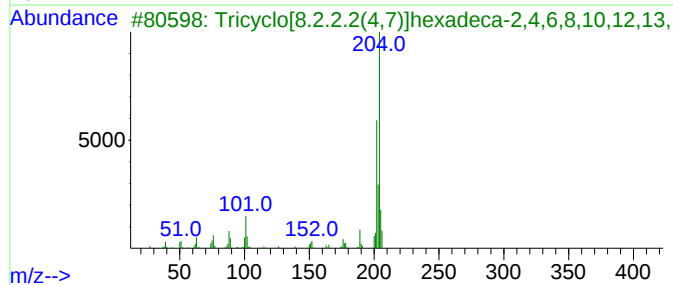
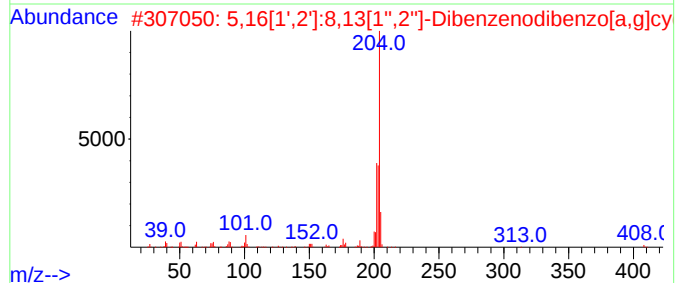
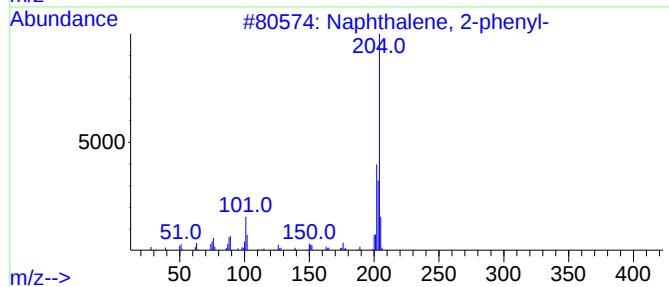
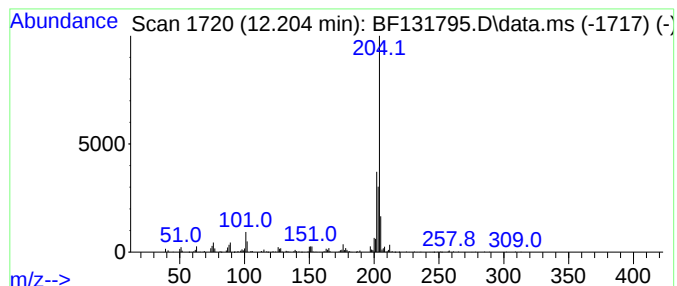
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.204	8.33 ng	228112	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-		204	C16H12	000605-02-7	64
5	Pyrazol-5-ol, 3-(3,4-methylenedi...		204	C10H8N2O3	1000271-76-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Acq On : 23 Dec 2022 01:08
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Misc :
ALS Vial : 18 Sample Multiplier: 1

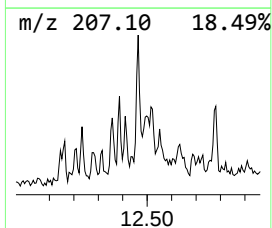
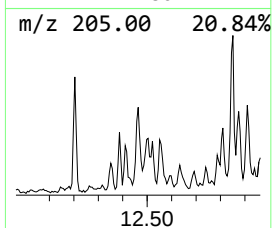
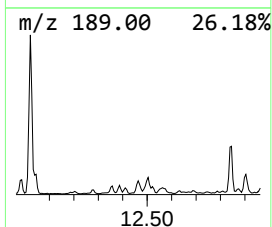
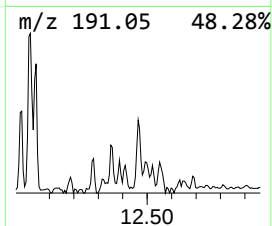
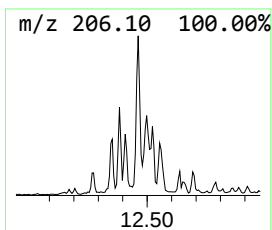
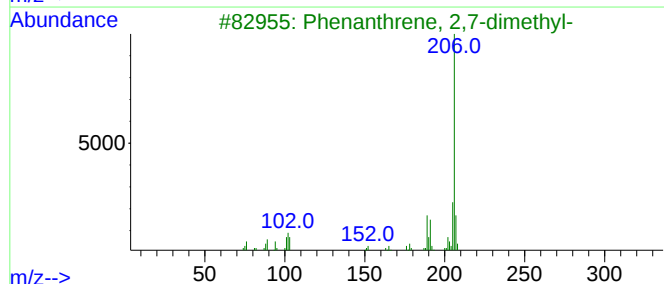
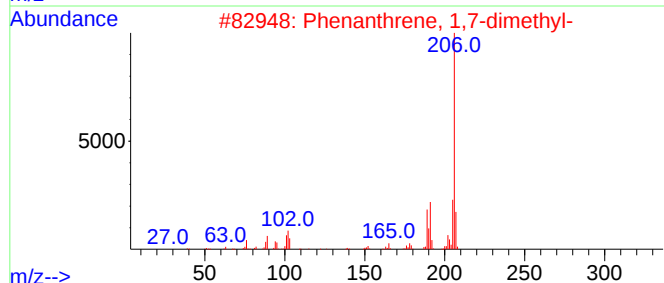
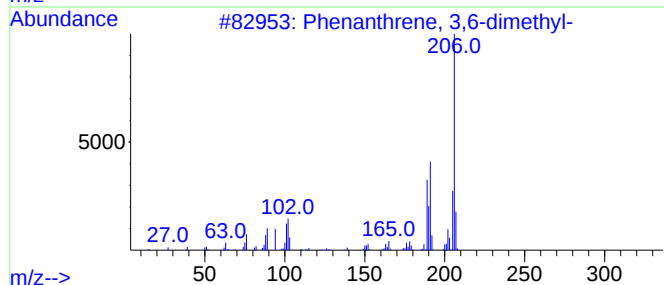
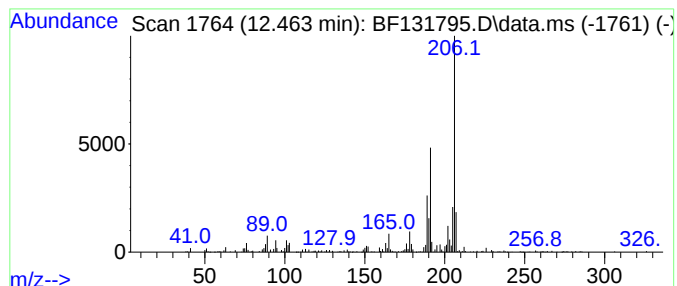
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.463	6.86 ng	187890	Phenanthrene-d10			11.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	86
3	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	83
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	83
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B01

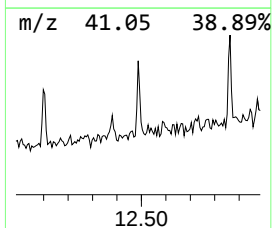
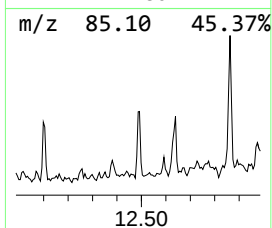
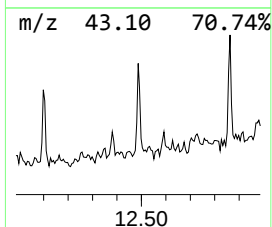
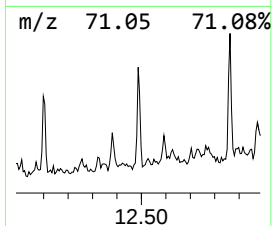
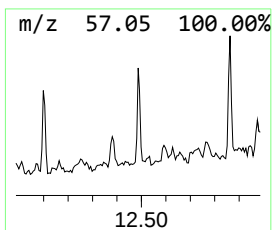
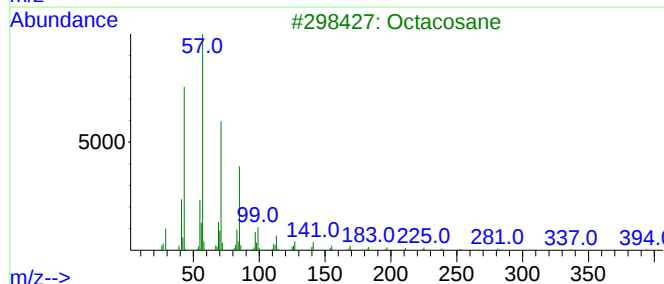
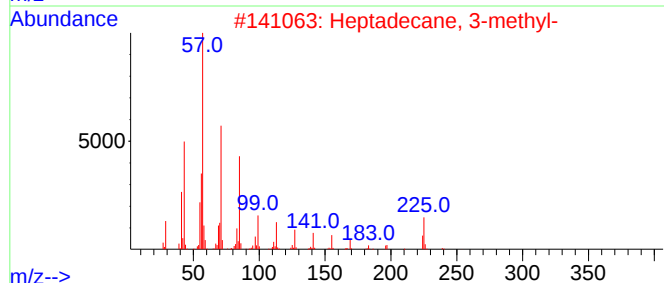
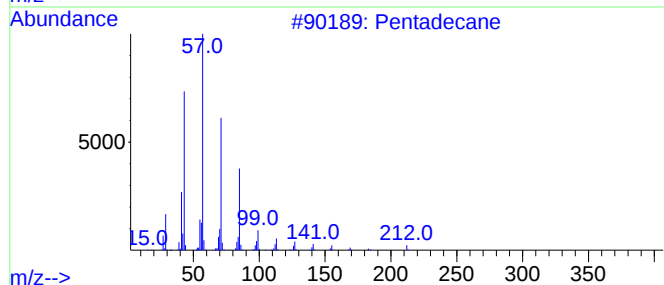
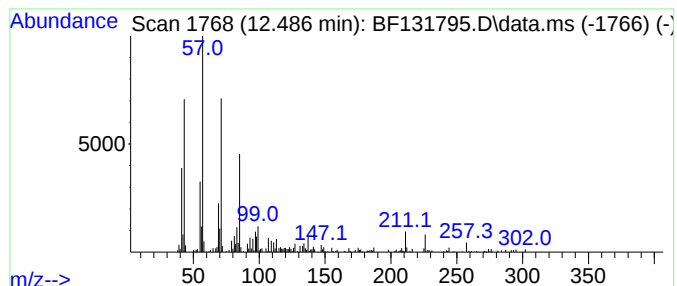
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	9.56 ng	262077	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	89
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	83
3		Octacosane	394	C28H58	000630-02-4	80
4		Tetradecane	198	C14H30	000629-59-4	76
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

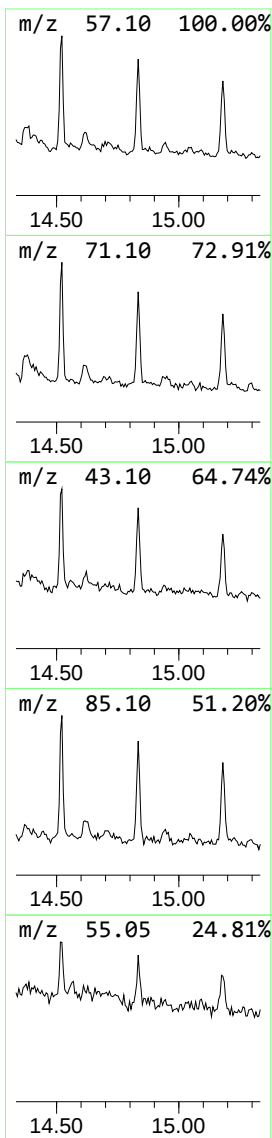
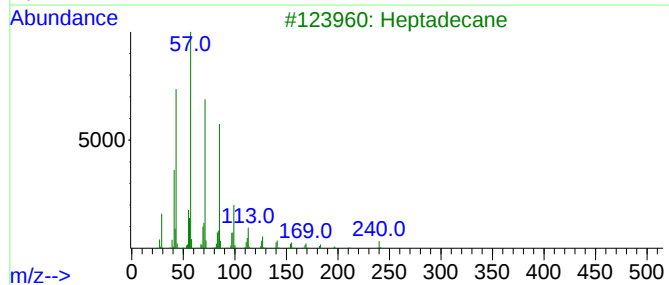
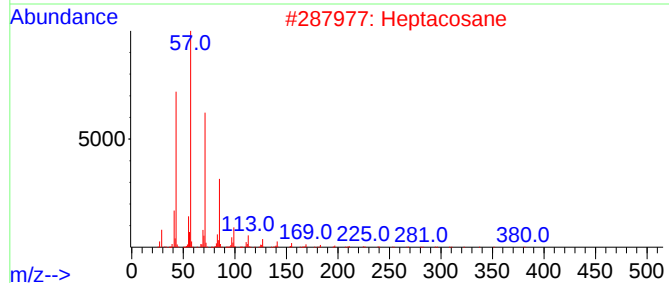
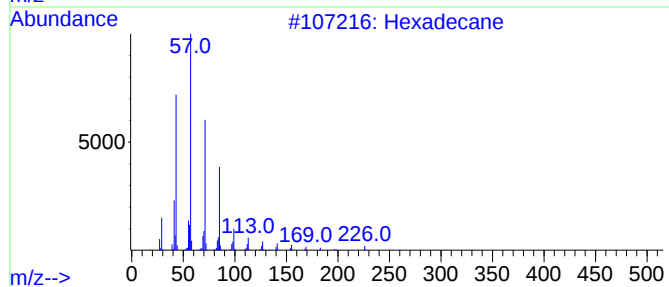
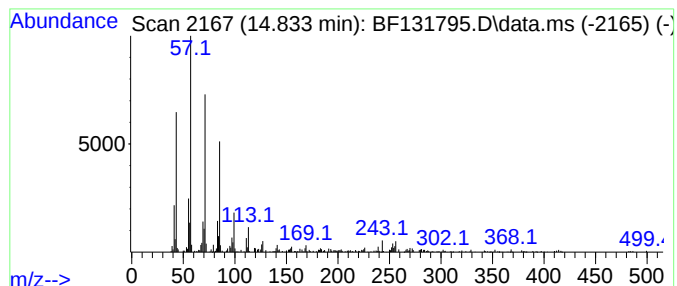
Instrument :
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ClientSampleId :
B-27-5B01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.833	7.81 ng	165143	Perylene-d12		15.563	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	96
2	Heptacosane		380	C27H56	000593-49-7	94
3	Heptadecane		240	C17H36	000629-78-7	93
4	Docosane, 9-butyl-		366	C26H54	055282-14-9	93
5	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

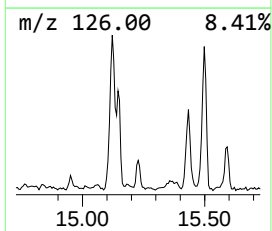
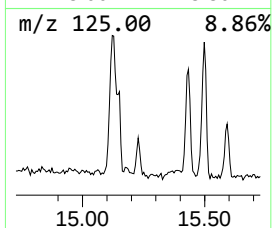
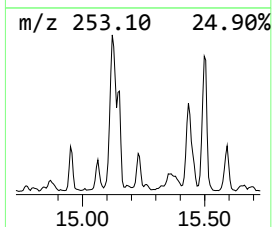
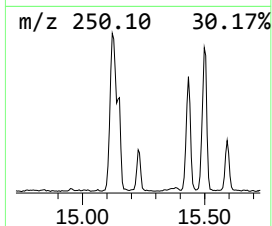
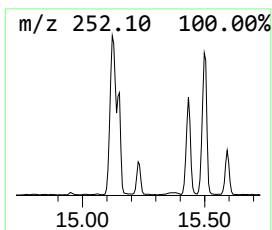
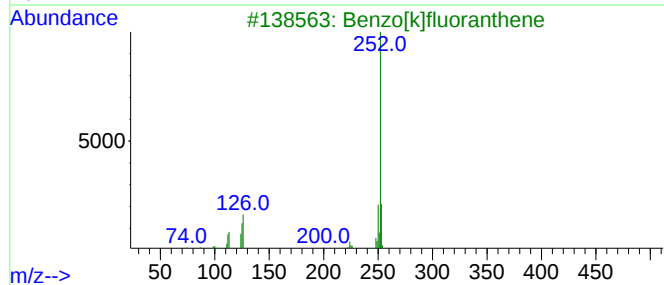
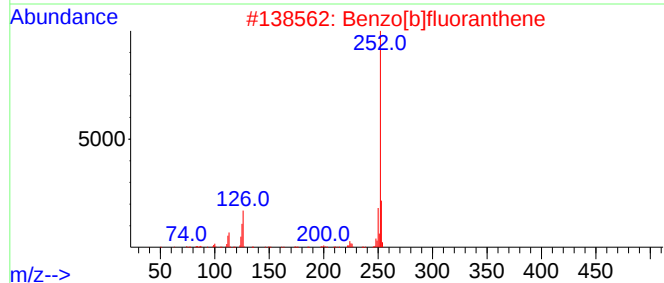
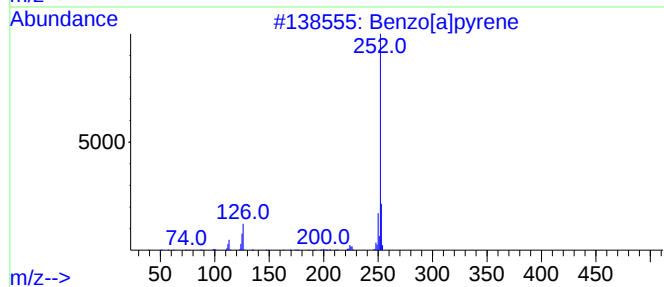
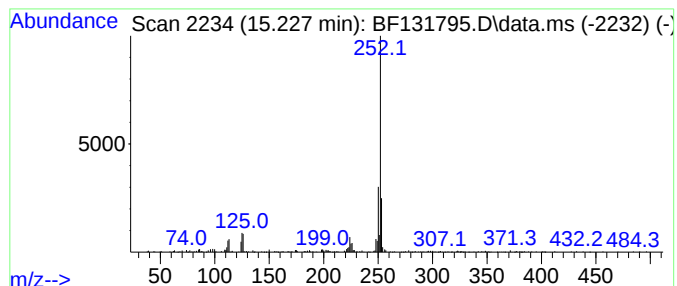
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1'-Binaphthalene, 2,2'-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.227	6.97 ng	147209	Perylene-d12	15.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	86
5	Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131795.D
Acq On : 23 Dec 2022 01:08
Operator : CG\JU
Sample : N6088-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B01

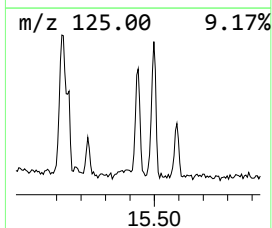
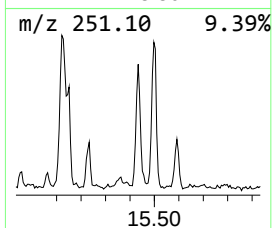
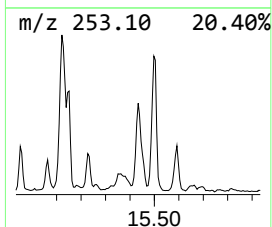
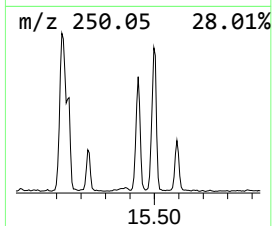
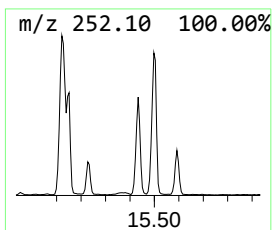
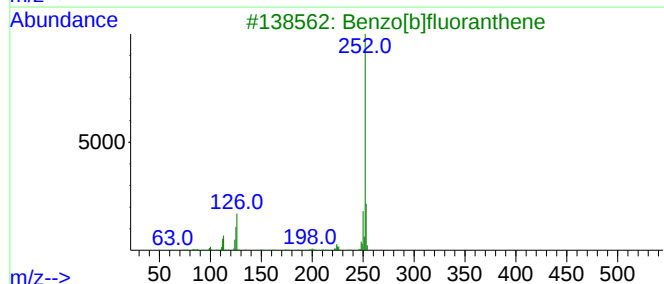
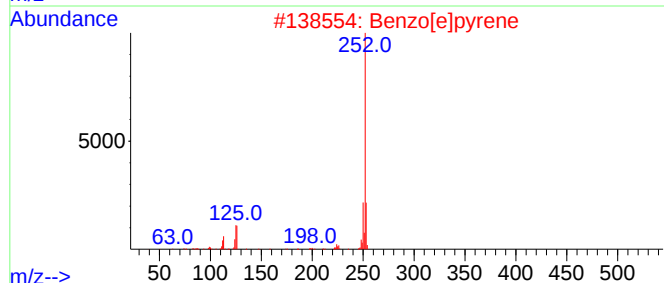
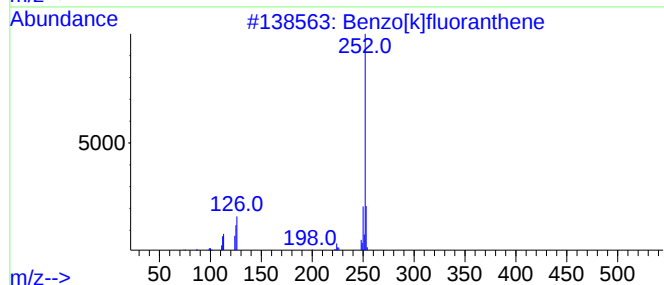
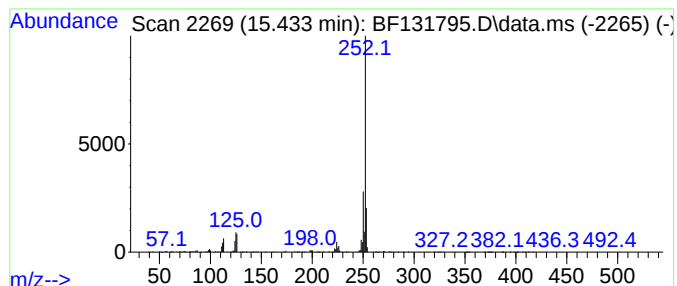
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	32.38 ng	684270	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131795.D
 Acq On : 23 Dec 2022 01:08
 Operator : CG\JU
 Sample : N6088-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-27-5B01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.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
2-Pentanone, 4-...	5.063	26.1	ng	672641	1	6.857	515068	20.0
D-Limonene	6.969	12.4	ng	319865	1	6.857	515068	20.0
Tridecane	8.734	11.0	ng	311552	2	8.146	566118	20.0
Tetradecane	9.304	14.0	ng	430885	3	9.910	617438	20.0
[1,1'-Biphenyl]...	10.616	5.6	ng	172258	3	9.910	617438	20.0
Pentadecane	10.810	10.4	ng	284552	4	11.404	548010	20.0
(R)-4-(1-Cyclop...	11.175	7.7	ng	210684	4	11.404	548010	20.0
unknown11.257	11.257	7.6	ng	208269	4	11.404	548010	20.0
Dibenzothiophene	11.298	9.3	ng	255224	4	11.404	548010	20.0
Phenanthrene, 1...	11.910	10.7	ng	293873	4	11.404	548010	20.0
Phenanthrene, 2...	11.934	15.1	ng	413202	4	11.404	548010	20.0
Anthracene, 2-m...	11.981	6.1	ng	167320	4	11.404	548010	20.0
4H-Cyclopenta[d...	12.022	24.9	ng	683032	4	11.404	548010	20.0
Anthracene, 9-m...	12.045	6.8	ng	186076	4	11.404	548010	20.0
Naphthalene, 2-...	12.204	8.3	ng	228112	4	11.404	548010	20.0
Phenanthrene, 3...	12.463	6.9	ng	187890	4	11.404	548010	20.0
Heptadecane, 3-...	12.486	9.6	ng	262077	4	11.404	548010	20.0
Hexadecane	14.833	7.8	ng	165143	6	15.563	422703	20.0
1,1'-Binaphthal...	15.227	7.0	ng	147209	6	15.563	422703	20.0
Benzo[e]pyrene	15.433	32.4	ng	684270	6	15.563	422703	20.0