

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133321.D
 Acq On : 09 May 2023 17:11
 Operator : CG\JU
 Sample : 02690-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-050823

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.892	473	477	488	rVB	835541	905860	28.39%	1.714%
2	5.328	547	551	567	rVB	2282828	2081316	65.22%	3.938%
3	5.722	615	618	625	rVB	58255	55439	1.74%	0.105%
4	6.357	722	726	729	rBV	2498544	2054242	64.37%	3.887%
5	6.722	784	788	791	rBV	1303192	1057010	33.12%	2.000%
6	7.281	879	883	886	rBV	1641406	1300166	40.74%	2.460%
7	8.004	1002	1006	1009	rBV	1827943	1415847	44.37%	2.679%
8	8.604	1105	1108	1111	rBV	52905	46005	1.44%	0.087%
9	8.816	1140	1144	1150	rBV2	58612	59400	1.86%	0.112%
10	9.080	1185	1189	1192	rBV	2954639	2350906	73.67%	4.448%
11	9.169	1200	1204	1208	rBV2	98644	103221	3.23%	0.195%
12	9.345	1229	1234	1237	rBV2	51949	71878	2.25%	0.136%
13	9.416	1243	1246	1248	rBV	91734	81666	2.56%	0.155%
14	9.439	1248	1250	1253	rVB	60252	48427	1.52%	0.092%
15	9.486	1253	1258	1260	rBV2	63976	72089	2.26%	0.136%
16	9.533	1264	1266	1270	rVB3	49622	60779	1.90%	0.115%
17	9.616	1277	1280	1285	rBV	128678	100807	3.16%	0.191%
18	9.692	1291	1293	1297	rBV	144664	118331	3.71%	0.224%
19	9.757	1297	1304	1307	rBV	1757545	1448864	45.40%	2.741%
20	9.786	1307	1309	1313	rVB	135279	112121	3.51%	0.212%
21	9.863	1319	1322	1326	rVB3	33169	45329	1.42%	0.086%
22	9.933	1326	1334	1335	rBV7	27687	66244	2.08%	0.125%
23	9.957	1335	1338	1341	rVB	111852	98869	3.10%	0.187%
24	10.163	1369	1373	1375	rBV4	44587	57089	1.79%	0.108%
25	10.192	1375	1378	1381	rVB	191331	153059	4.80%	0.290%
26	10.298	1393	1396	1399	rBV2	188557	164976	5.17%	0.312%
27	10.363	1403	1407	1409	rBV3	38882	47193	1.48%	0.089%
28	10.416	1413	1416	1421	rVV2	107171	125003	3.92%	0.237%
29	10.463	1421	1424	1428	rVB	373352	351670	11.02%	0.665%
30	10.539	1433	1437	1442	rBV	1278980	1146721	35.93%	2.170%
31	10.669	1455	1459	1466	rVB	268513	314745	9.86%	0.596%
32	10.851	1485	1490	1492	rBV2	81666	111698	3.50%	0.211%
33	10.874	1492	1494	1501	rVV3	81631	107641	3.37%	0.204%
34	10.933	1501	1504	1506	rVB4	49912	51090	1.60%	0.097%
35	11.045	1520	1523	1527	rVB3	55368	52402	1.64%	0.099%
36	11.086	1527	1530	1532	rBV2	51743	51650	1.62%	0.098%

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37	11.116	1532	1535	1537	rVV	224261	203266	6.37%	0.385%
38	11.133	1537	1538	1544	rVB2	157686	183750	5.76%	0.348%
39	11.239	1552	1556	1558	rBV	1352683	1286662	40.32%	2.434%
40	11.263	1558	1560	1563	rVV	1999576	1476002	46.25%	2.793%
41	11.310	1563	1568	1571	rVV	538814	473793	14.85%	0.896%
42	11.345	1571	1574	1578	rVV3	63183	80399	2.52%	0.152%
43	11.469	1592	1595	1597	rVB	114265	74418	2.33%	0.141%
44	11.539	1604	1607	1610	rBV2	196961	175827	5.51%	0.333%
45	11.569	1610	1612	1615	rVB2	94907	69363	2.17%	0.131%
46	11.639	1621	1624	1629	rVB2	127960	176880	5.54%	0.335%
47	11.692	1631	1633	1637	rBV3	26662	45317	1.42%	0.086%
48	11.739	1638	1641	1643	rVV	457179	365062	11.44%	0.691%
49	11.769	1643	1646	1651	rVV2	637024	753207	23.60%	1.425%
50	11.816	1651	1654	1656	rVV	196552	200262	6.28%	0.379%
51	11.851	1656	1660	1662	rVV	611255	648747	20.33%	1.227%
52	11.874	1662	1664	1669	rVB	286483	251336	7.88%	0.476%
53	11.921	1669	1672	1674	rBV4	49336	53156	1.67%	0.101%
54	11.951	1674	1677	1679	rVV2	157885	154100	4.83%	0.292%
55	12.033	1688	1691	1693	rVV	241764	219710	6.89%	0.416%
56	12.057	1693	1695	1701	rVB2	138335	147070	4.61%	0.278%
57	12.163	1711	1713	1715	rBV	57626	66121	2.07%	0.125%
58	12.186	1715	1717	1719	rVV	115892	101461	3.18%	0.192%
59	12.216	1719	1722	1724	rVV	190194	170729	5.35%	0.323%
60	12.239	1724	1726	1728	rVB	139747	111535	3.50%	0.211%
61	12.292	1731	1735	1737	rBV	330785	358119	11.22%	0.678%
62	12.327	1737	1741	1742	rVV	495434	535349	16.78%	1.013%
63	12.345	1742	1744	1747	rVV2	838044	682953	21.40%	1.292%
64	12.374	1747	1749	1754	rVV2	181811	221015	6.93%	0.418%
65	12.451	1757	1762	1765	rVV	3345396	3027783	94.88%	5.729%
66	12.486	1765	1768	1775	rVV4	354563	595575	18.66%	1.127%
67	12.563	1779	1781	1785	rVV4	160660	231052	7.24%	0.437%
68	12.598	1785	1787	1791	rVV2	127114	155718	4.88%	0.295%
69	12.680	1795	1801	1804	rBV	2996179	3191108	100.00%	6.038%
70	12.704	1804	1805	1807	rVV2	183800	133062	4.17%	0.252%
71	12.739	1807	1811	1814	rVB2	144776	224766	7.04%	0.425%
72	12.798	1818	1821	1822	rBV2	166639	137932	4.32%	0.261%
73	12.821	1822	1825	1833	rVB	2130503	2062624	64.64%	3.903%
74	12.898	1833	1838	1841	rBV2	261211	405690	12.71%	0.768%
75	12.986	1850	1853	1854	rBV3	177337	204865	6.42%	0.388%
76	13.004	1854	1856	1860	rVB	587614	531867	16.67%	1.006%

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77	13.074	1864	1868	1870	rBV2	485826	447719	14.03%	0.847%
78	13.110	1870	1874	1877	rBV2	473929	434768	13.62%	0.823%
79	13.204	1887	1890	1892	rVB	238483	210037	6.58%	0.397%
80	13.233	1892	1895	1899	rBV	255014	241828	7.58%	0.458%
81	13.410	1922	1925	1927	rBV	162403	147226	4.61%	0.279%
82	13.510	1940	1942	1947	rVB	205311	265213	8.31%	0.502%
83	13.621	1957	1961	1964	rBV2	341814	458455	14.37%	0.867%
84	13.651	1964	1966	1968	rVV	269424	230338	7.22%	0.436%
85	13.674	1968	1970	1972	rVV	272863	268731	8.42%	0.508%
86	13.721	1976	1978	1982	rVB2	218894	241859	7.58%	0.458%
87	13.868	1999	2003	2007	rBV2	2063554	2969562	93.06%	5.618%
88	13.904	2007	2009	2011	rVB	1549432	1140290	35.73%	2.157%
89	13.980	2020	2022	2025	rVB2	376019	307989	9.65%	0.583%
90	14.262	2068	2070	2073	rVB	359276	291939	9.15%	0.552%
91	14.298	2074	2076	2079	rVB	197290	154984	4.86%	0.293%
92	14.357	2084	2086	2088	rVB2	275162	208687	6.54%	0.395%
93	14.386	2089	2091	2093	rBV	260782	237498	7.44%	0.449%
94	14.898	2174	2178	2181	rBV	1492807	2163414	67.80%	4.093%
95	15.186	2223	2227	2232	rVB	809925	1059749	33.21%	2.005%
96	15.245	2233	2237	2242	rVV	1266172	1564301	49.02%	2.960%
97	15.304	2243	2247	2249	rVV	660826	847755	26.57%	1.604%
98	15.333	2249	2252	2258	rVB3	474241	668578	20.95%	1.265%
99	16.686	2478	2482	2490	rVB2	528091	950727	29.79%	1.799%
100	17.103	2549	2553	2560	rVB	363515	664258	20.82%	1.257%

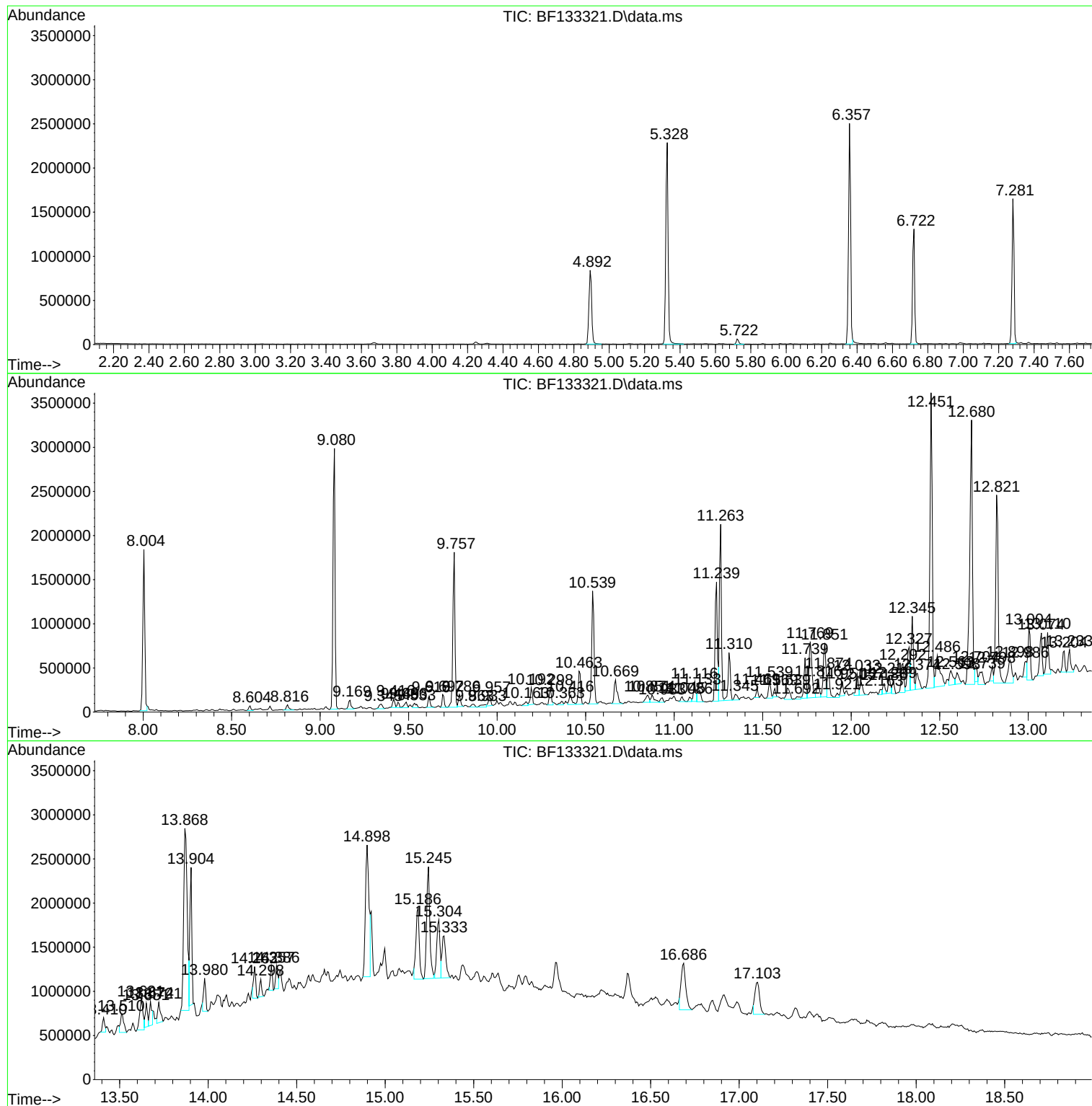
Sum of corrected areas: 52853309

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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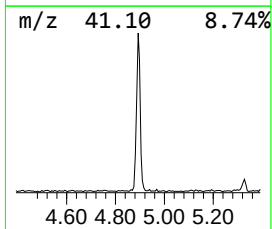
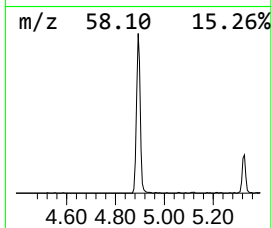
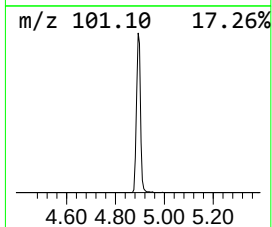
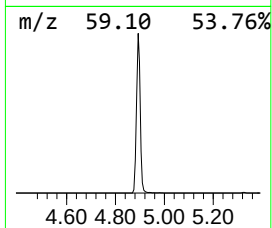
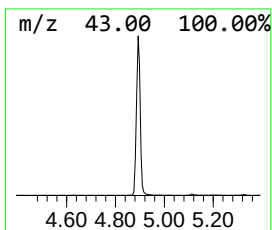
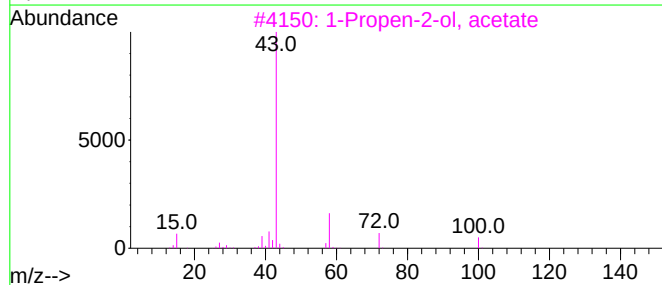
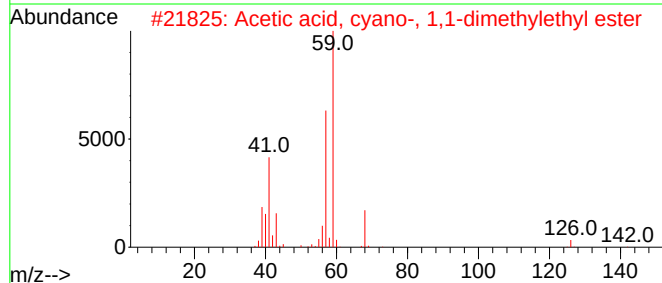
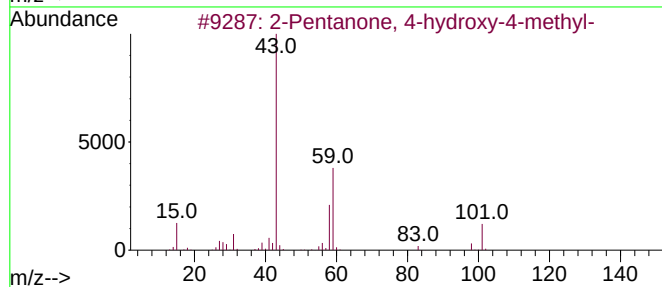
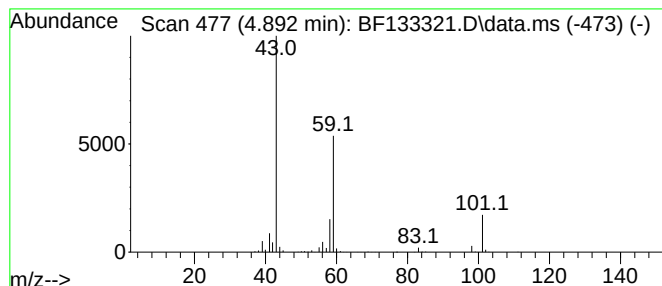
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.892	17.14 ng	905860	1,4-Dichlorobenzene-d4	6.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9		



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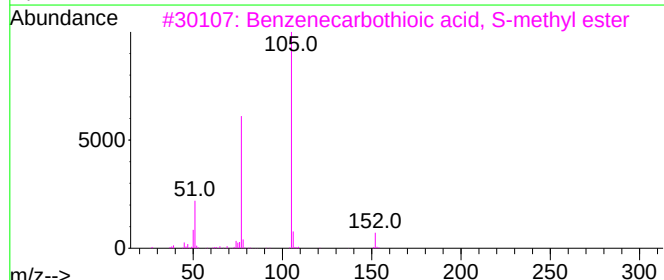
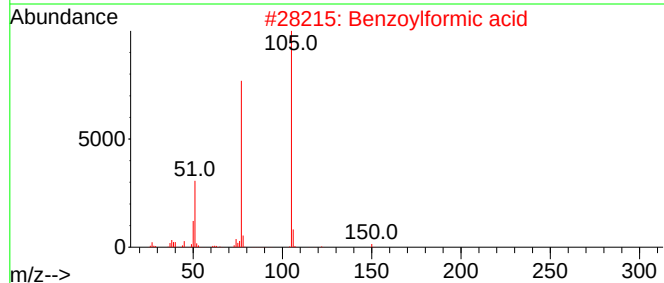
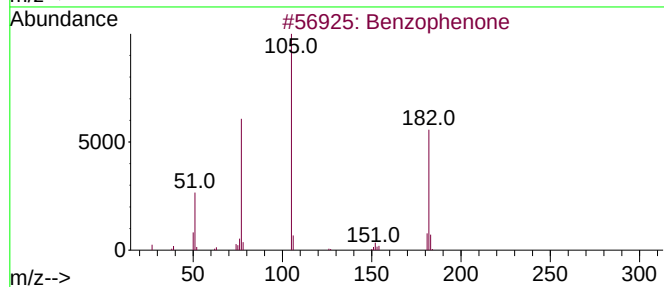
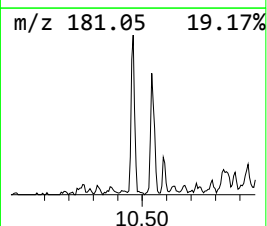
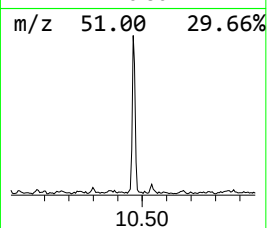
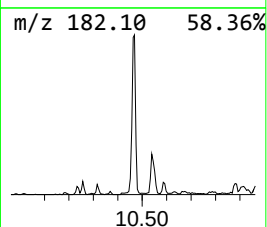
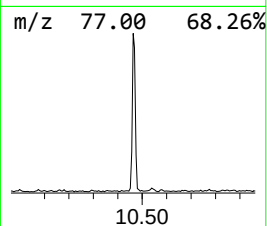
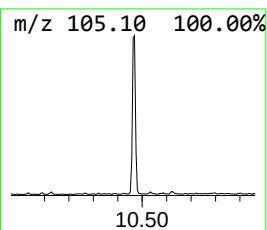
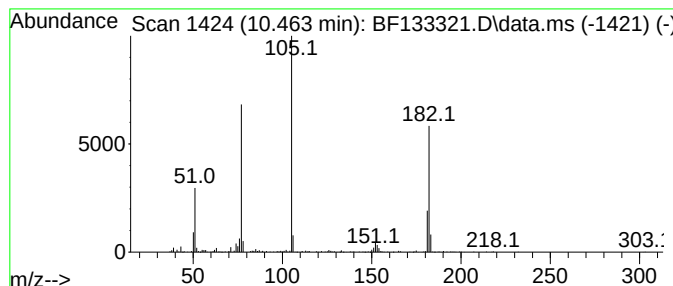
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	4.85 ng	351670	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzoylformic acid	150	C8H6O3	000611-73-4	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43



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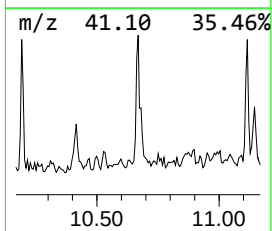
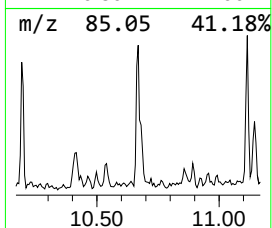
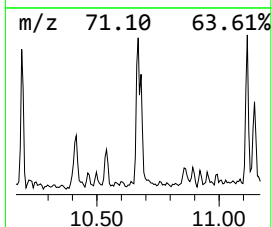
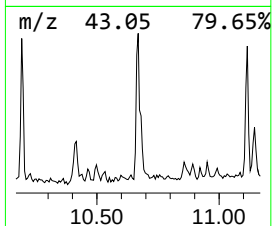
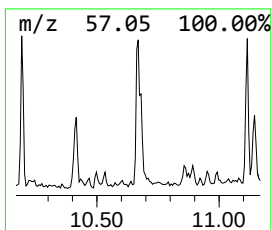
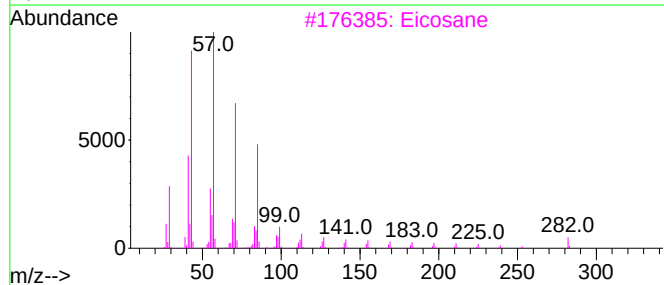
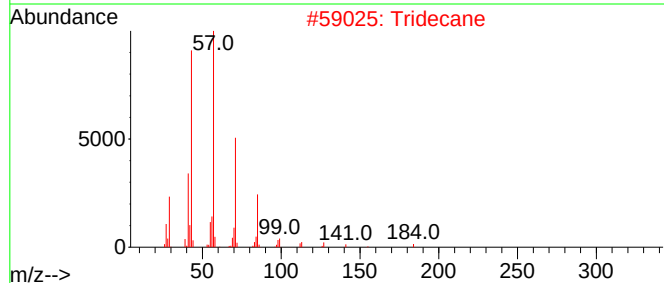
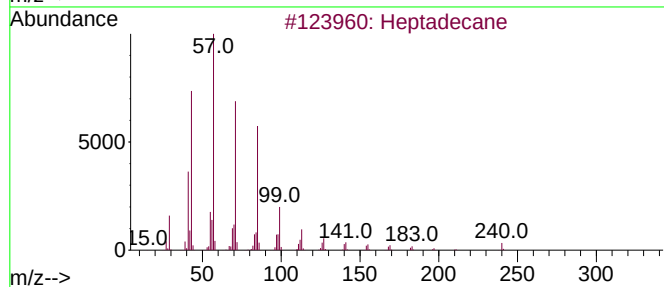
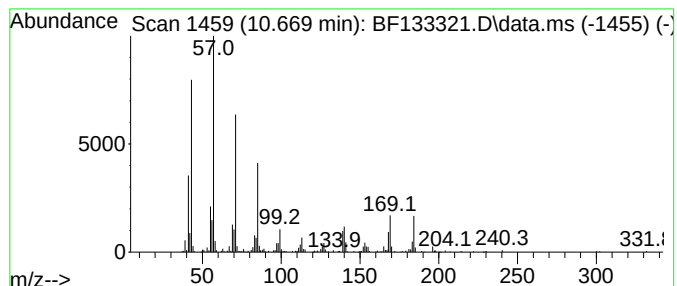
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	4.89 ng	314745	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	92
2		Tridecane	184	C13H28	000629-50-5	70
3		Eicosane	282	C20H42	000112-95-8	64
4		Dodecane	170	C12H26	000112-40-3	64
5		Octacosane	394	C28H58	000630-02-4	62



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Data File : BF133321.D
Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
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Instrument :
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ClientSampleId :
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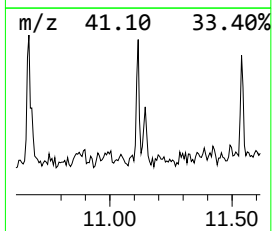
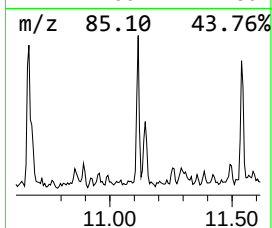
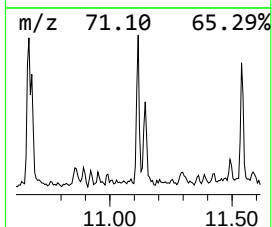
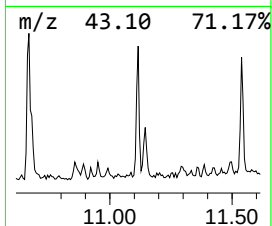
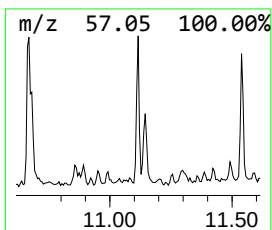
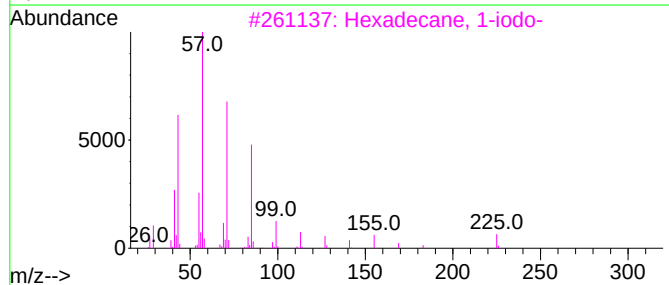
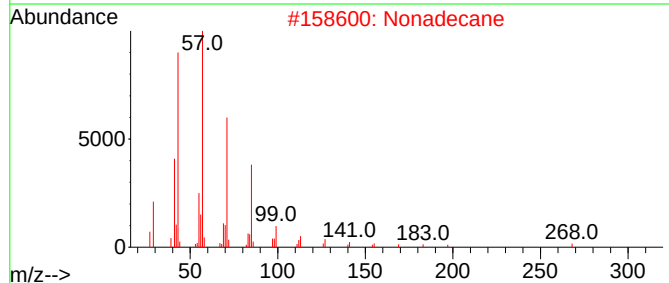
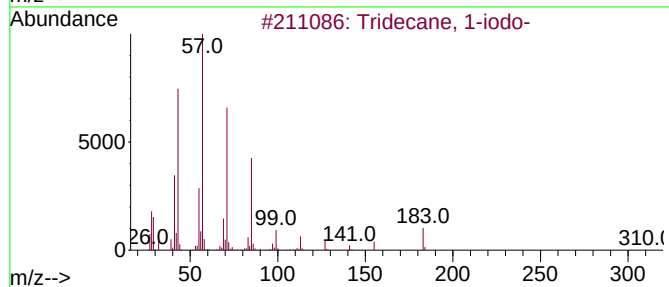
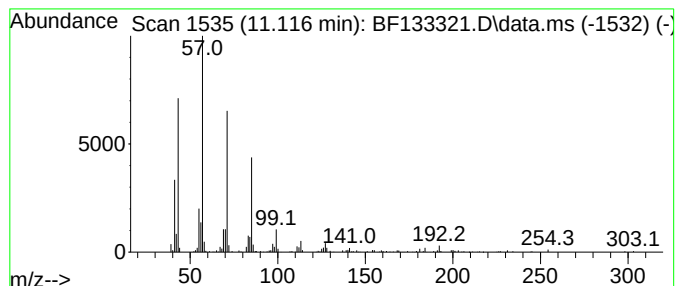
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	3.16 ng	203266	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexadecane	226	C16H34	000544-76-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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ClientSampleId :
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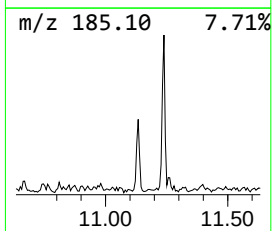
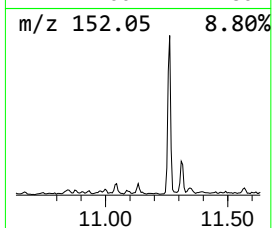
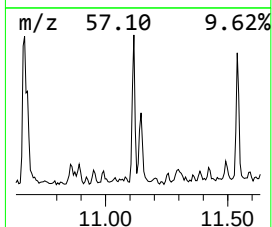
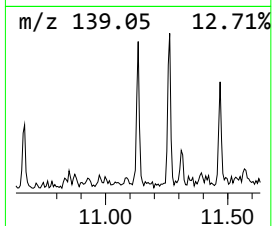
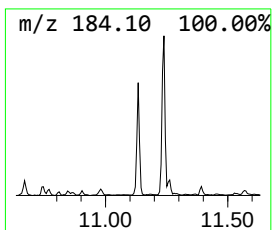
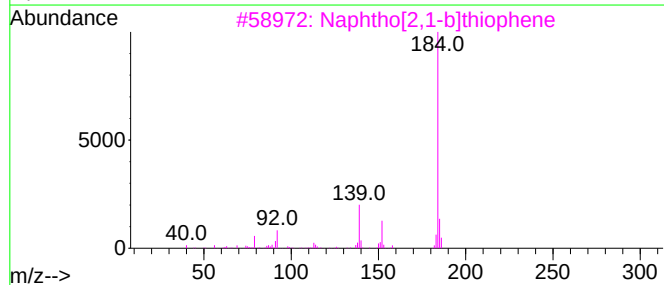
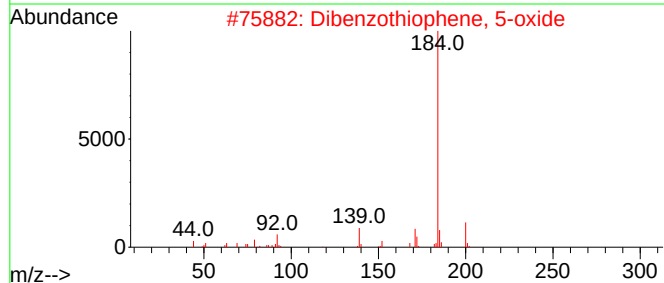
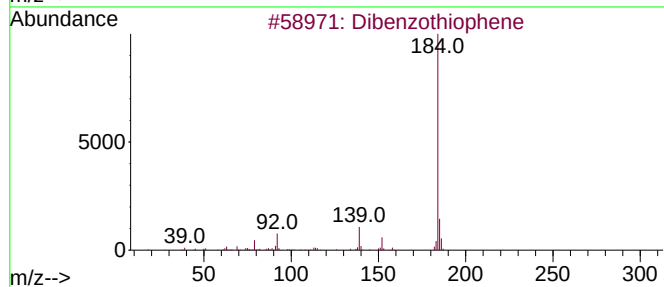
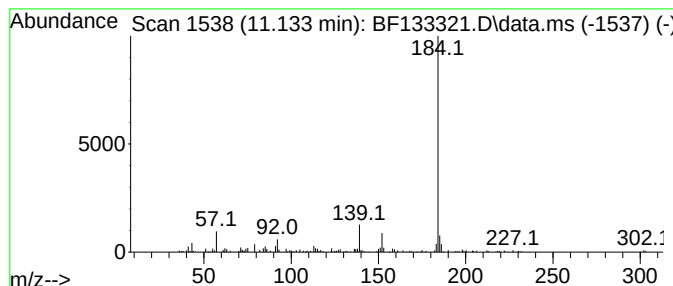
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	2.86 ng	183750	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	80
2			Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	68
4			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59
5			N-Isopropylbenzenesulfonamide	199	C9H13NO2S	005339-69-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
Misc :
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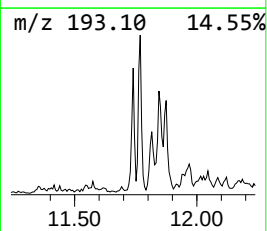
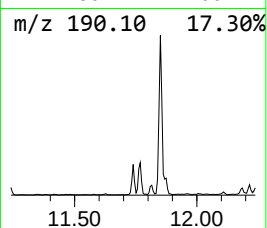
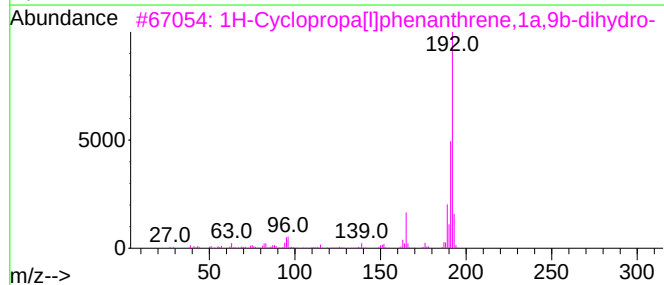
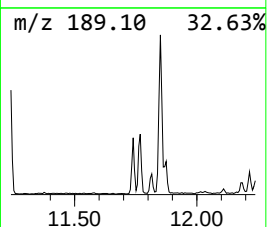
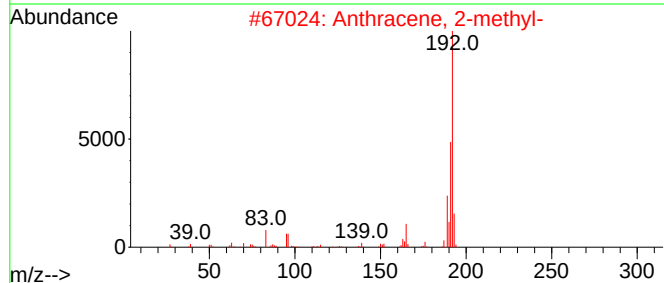
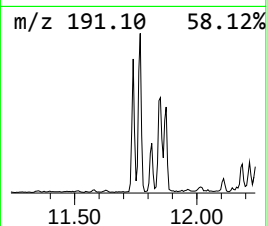
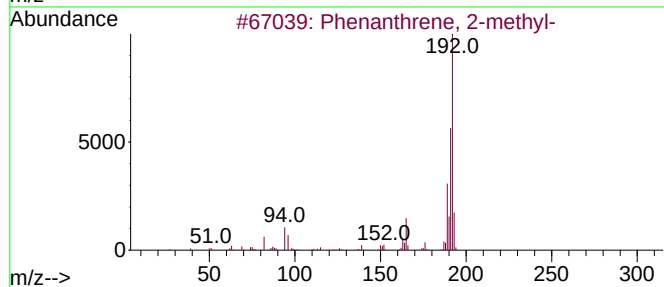
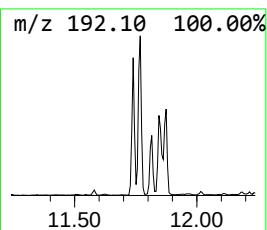
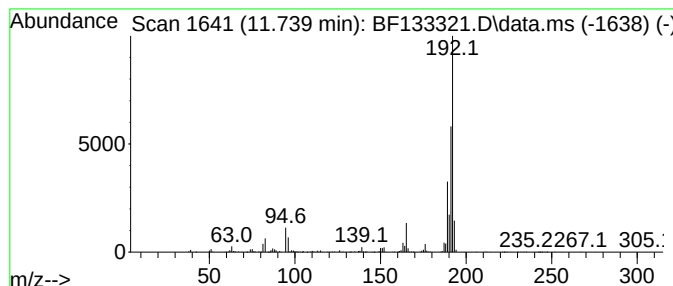
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	5.67 ng	365062	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
Acq On : 09 May 2023 17:11
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ALS Vial : 14 Sample Multiplier: 1

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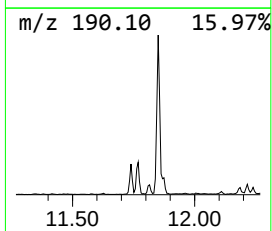
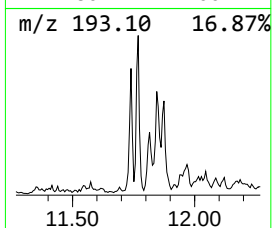
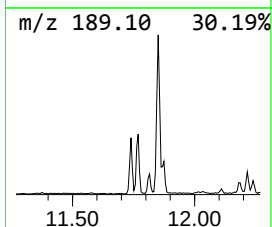
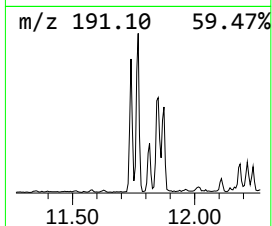
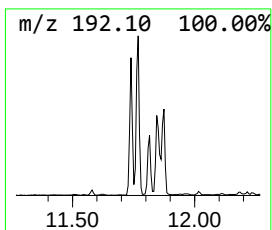
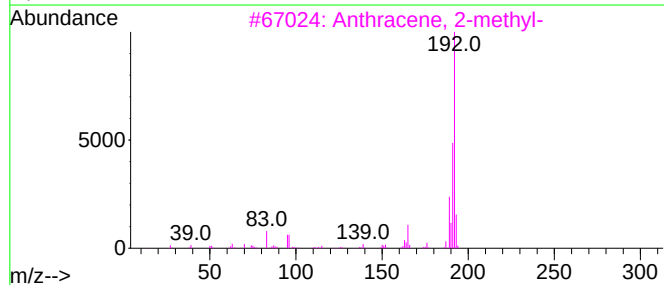
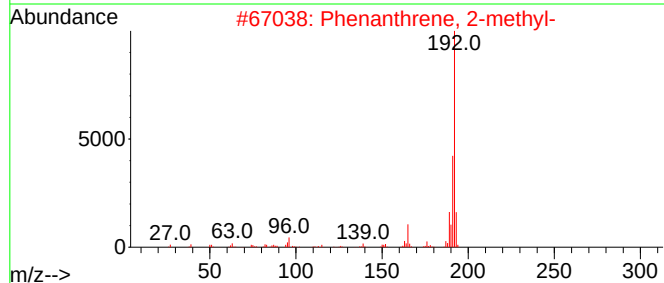
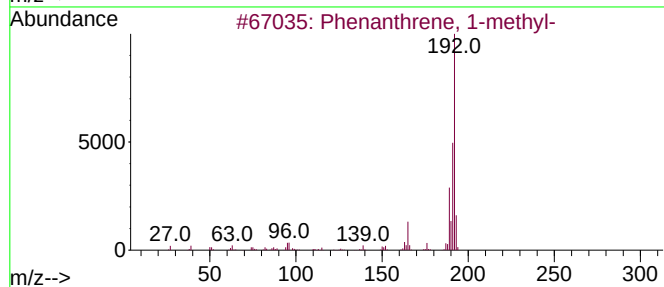
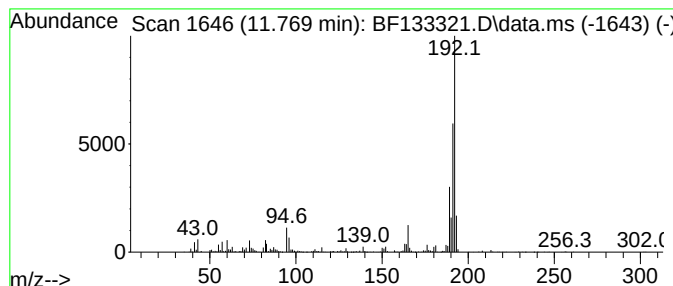
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	11.71 ng	753207	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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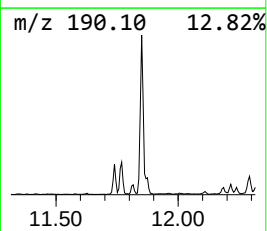
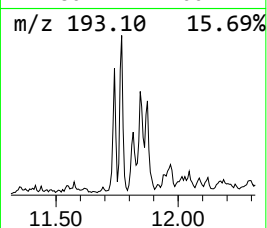
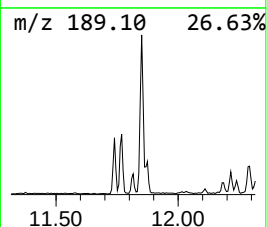
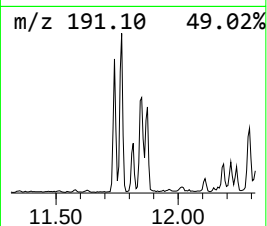
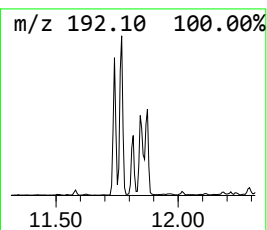
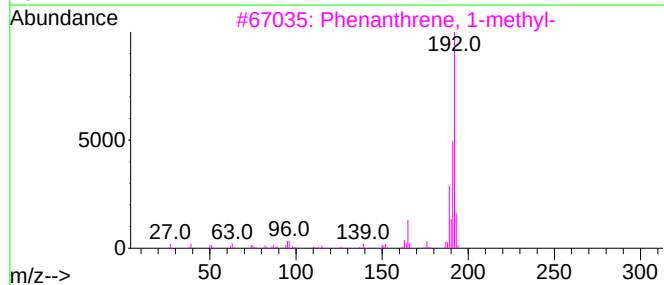
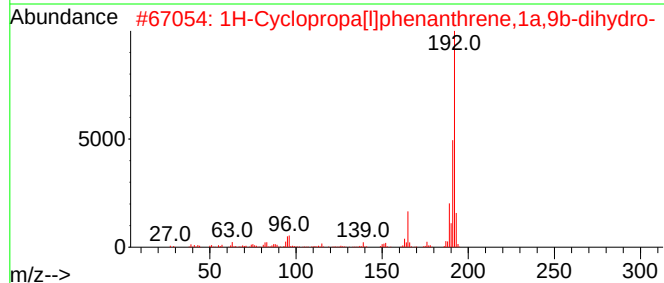
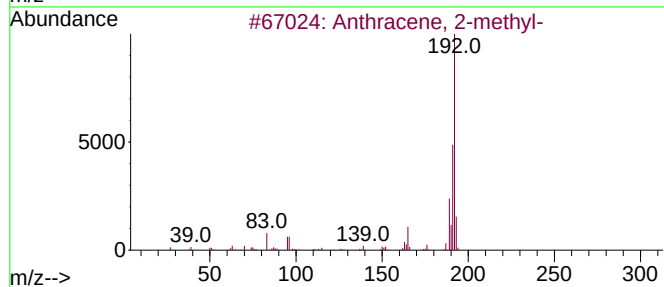
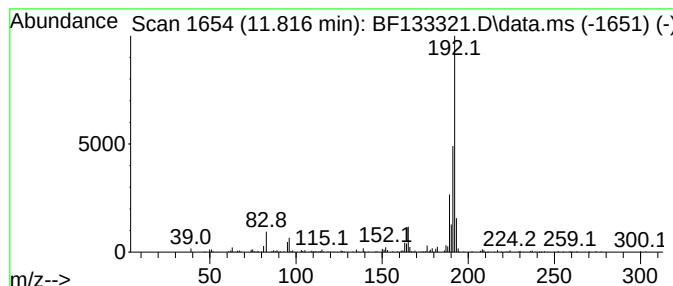
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.816	3.11 ng	200262	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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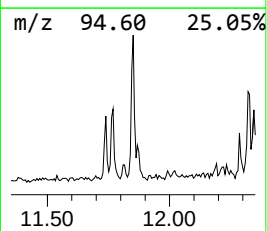
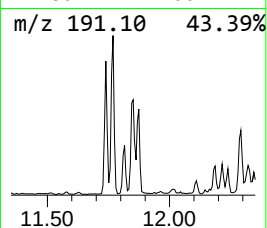
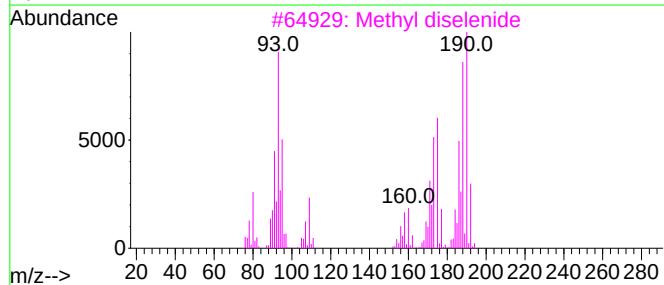
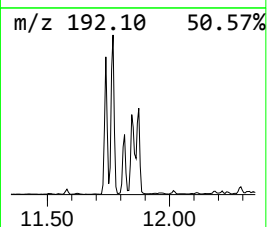
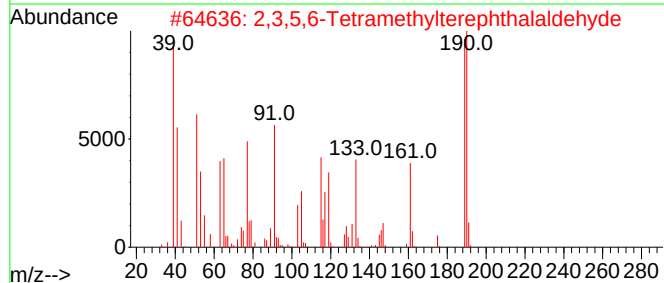
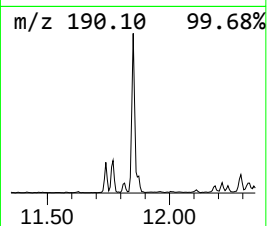
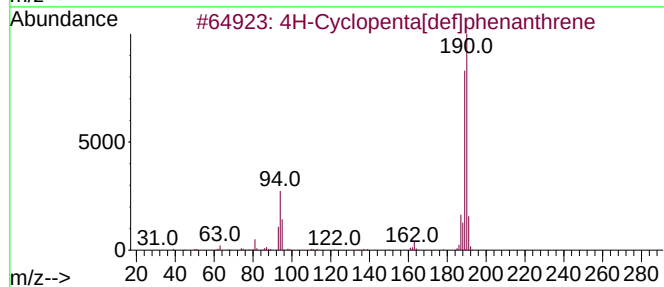
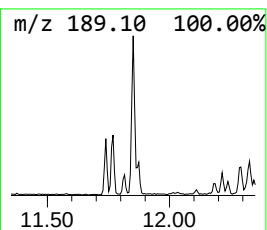
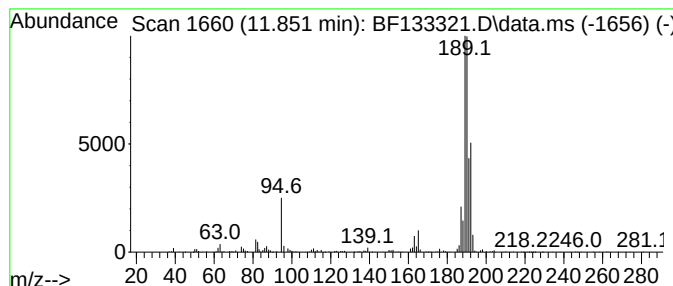
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.851	10.08 ng	648747	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	43
3	Methyl diselenide		190	C2H6Se2	007101-31-7	41
4	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	25
5	Propyne, 1,3-diphenyl-		192	C15H12	004980-70-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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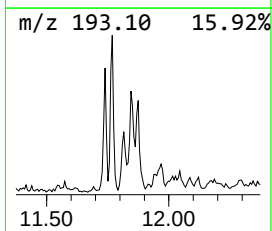
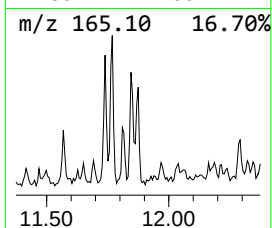
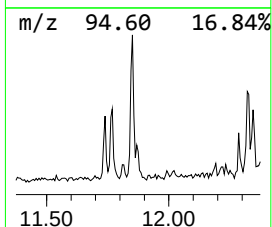
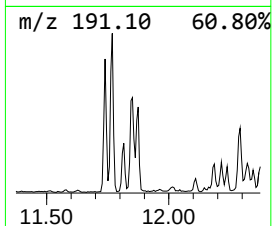
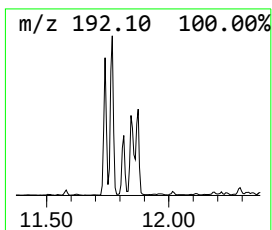
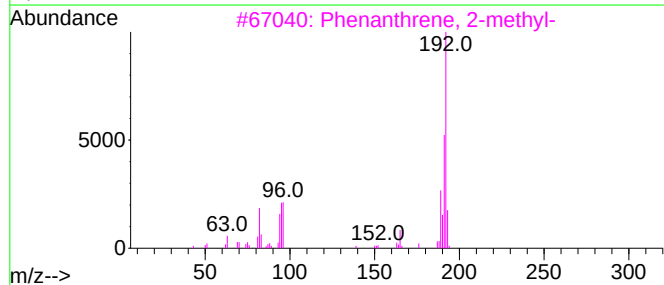
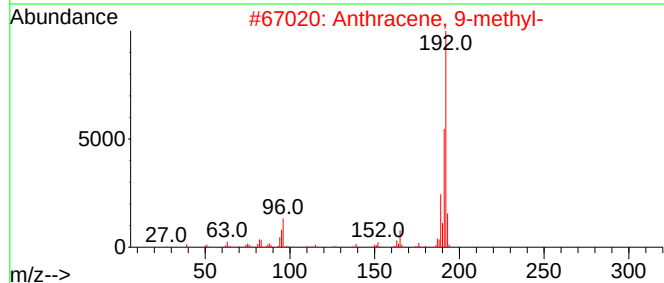
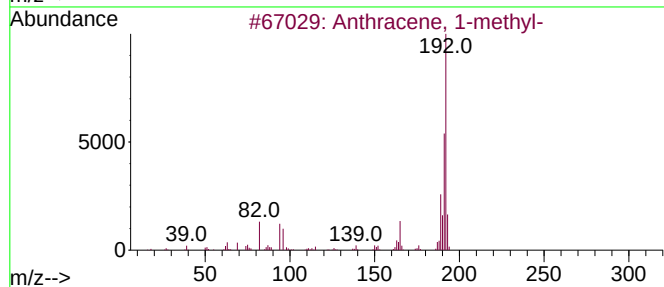
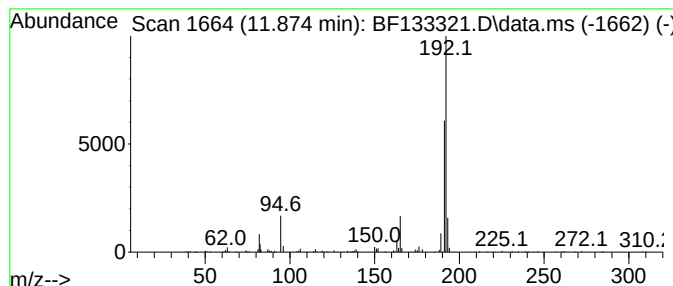
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.874	3.91 ng	251336	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
Misc :
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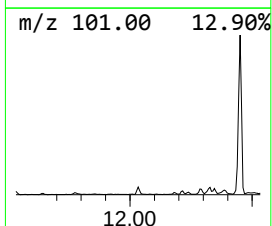
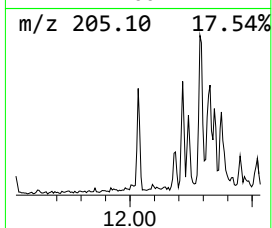
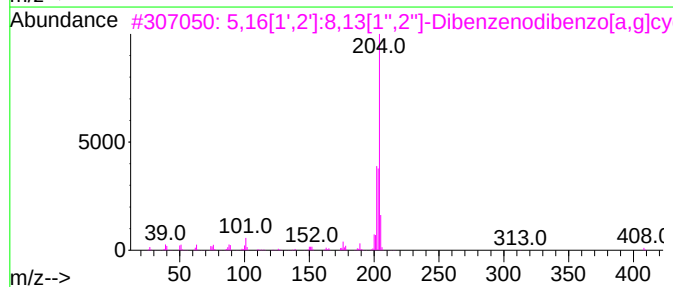
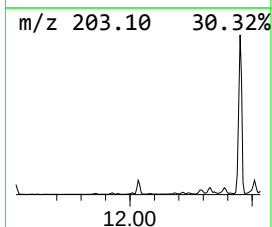
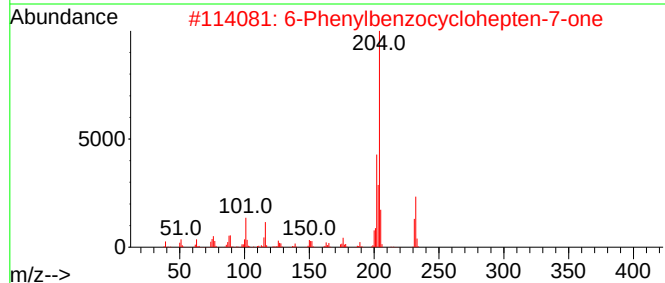
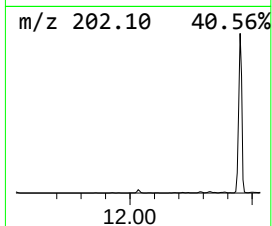
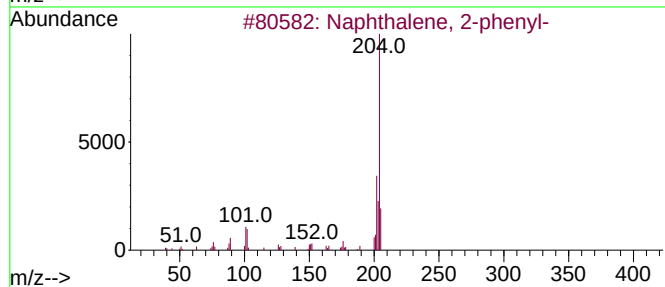
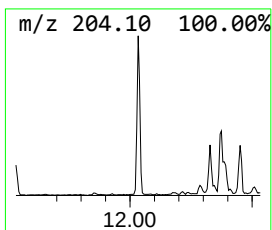
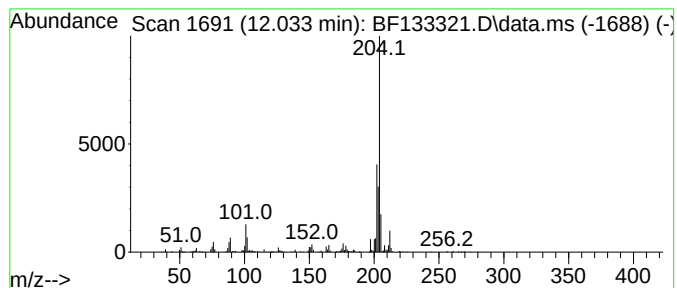
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	3.42 ng	219710	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one		232	C17H12O	093327-56-1	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-		204	C16H12	000605-02-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
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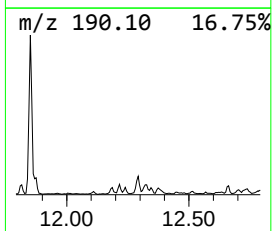
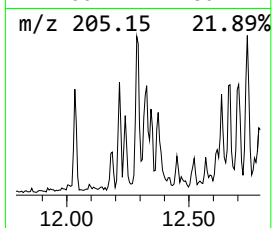
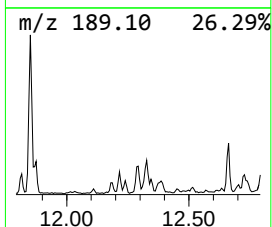
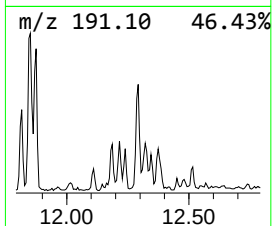
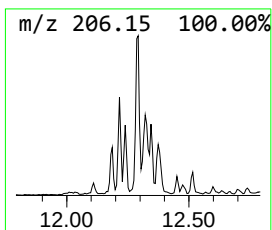
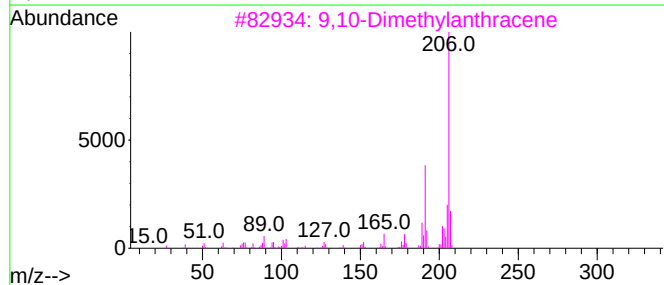
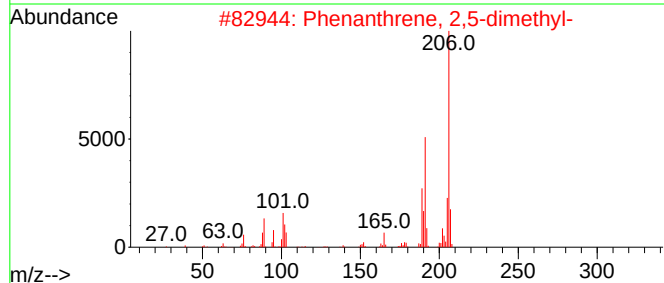
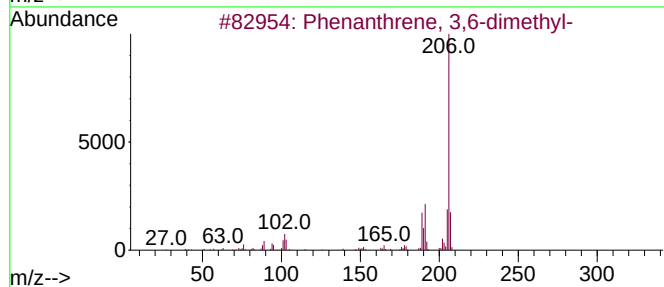
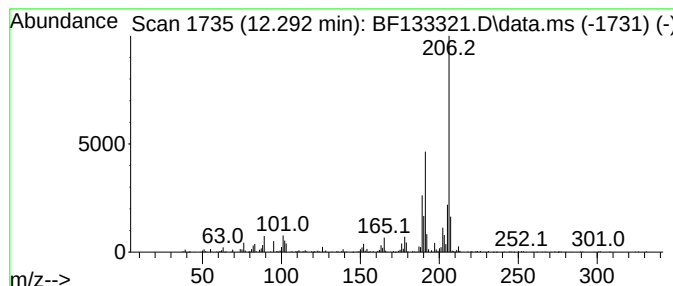
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	5.57 ng	358119	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Misc :
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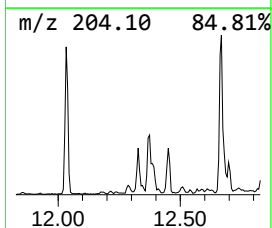
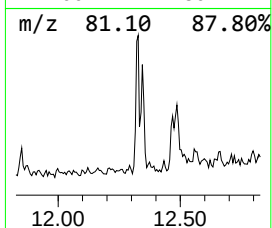
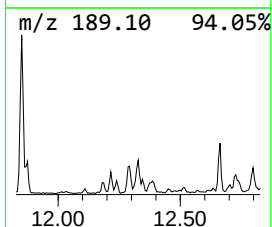
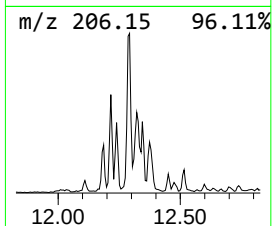
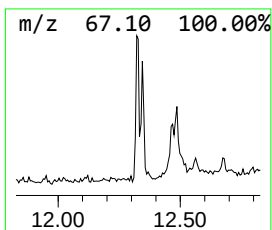
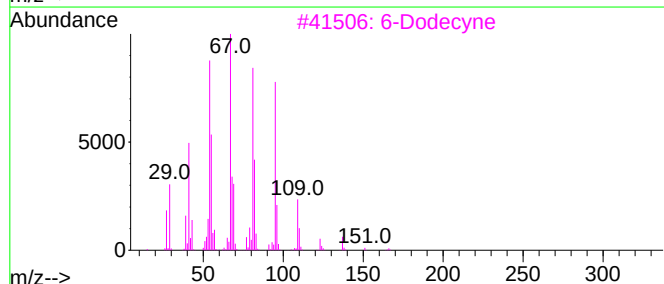
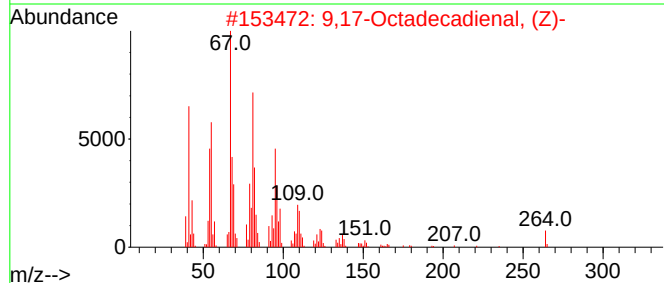
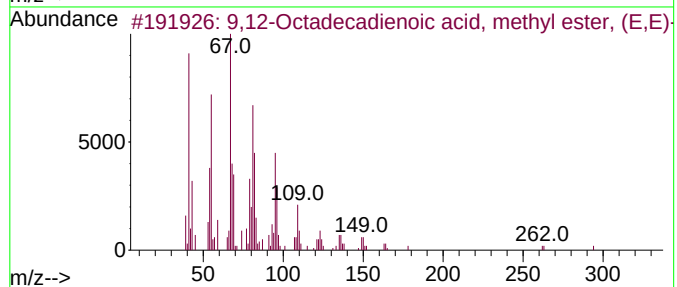
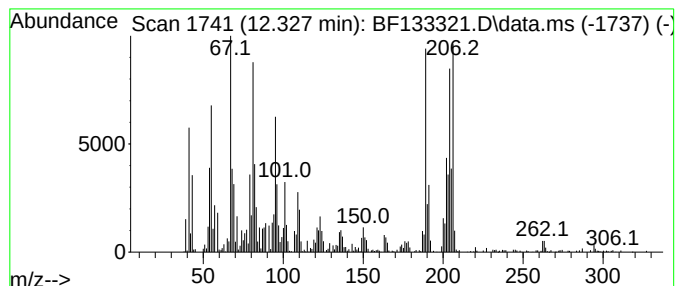
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	8.32 ng	535349	Phenanthrene-d10	11.239
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 59
2		9,17-Octadecadienal, (Z)-	264 C18H32O	056554-35-9 46
3		6-Dodecyne	166 C12H22	006975-99-1 38
4		Linoleic acid ethyl ester	308 C20H36O2	000544-35-4 38
5		n-Propyl 9,12-octadecadienoate	322 C21H38O2	1000336-77-8 38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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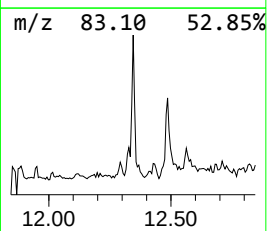
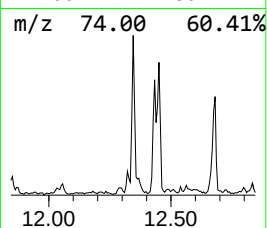
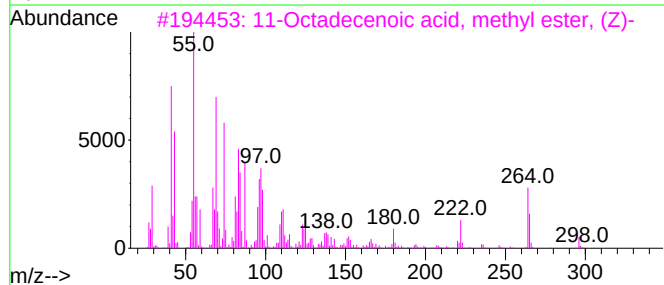
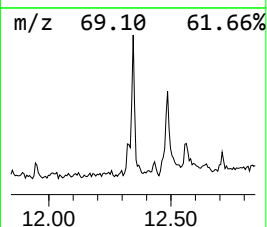
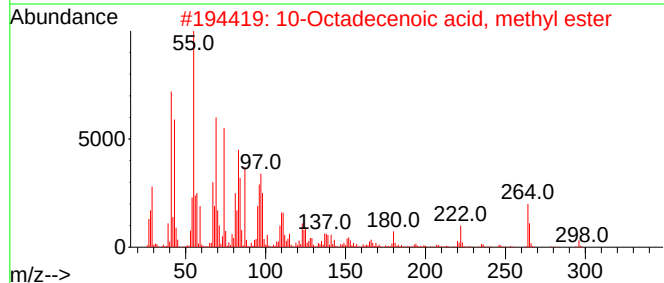
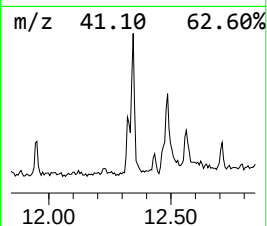
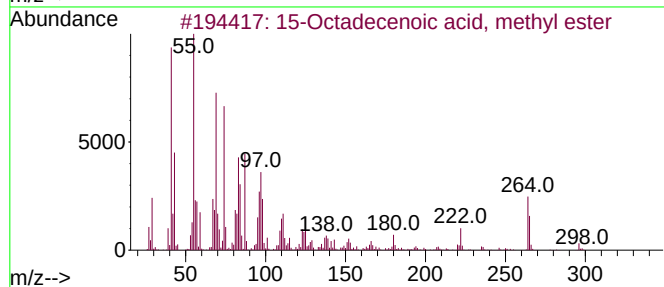
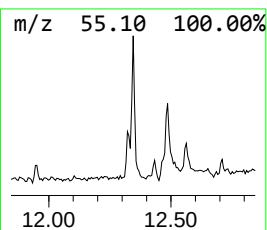
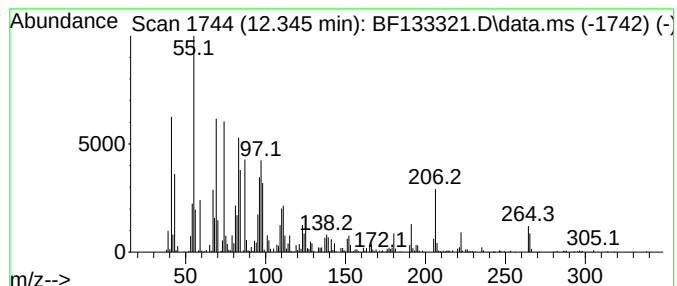
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	10.62 ng	682953	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3			11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	99
4			9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	98
5			trans-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-61-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Acq On : 09 May 2023 17:11
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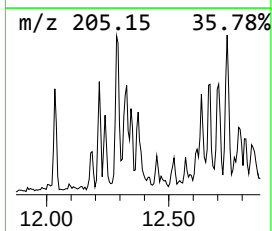
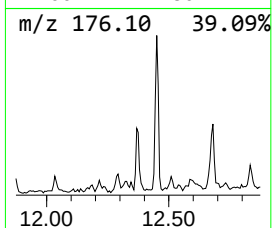
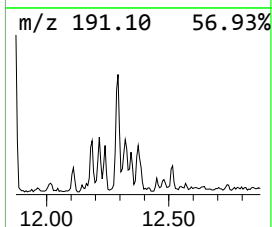
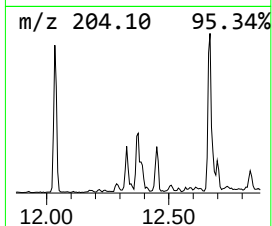
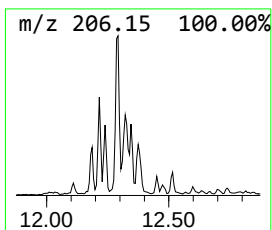
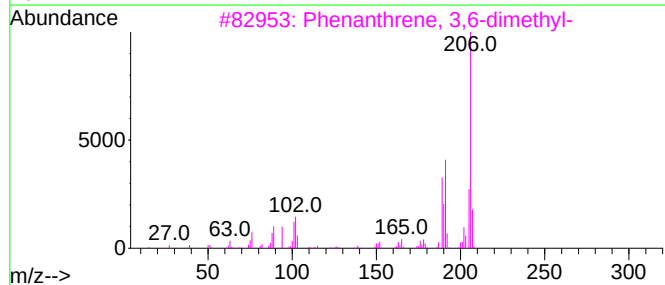
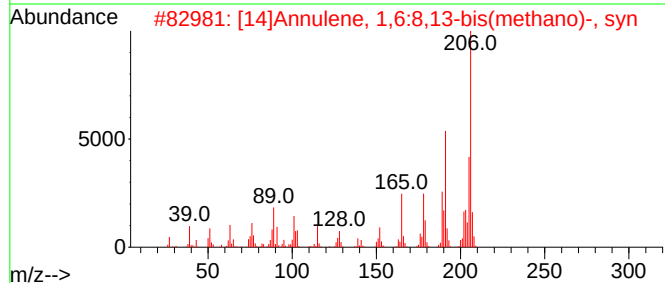
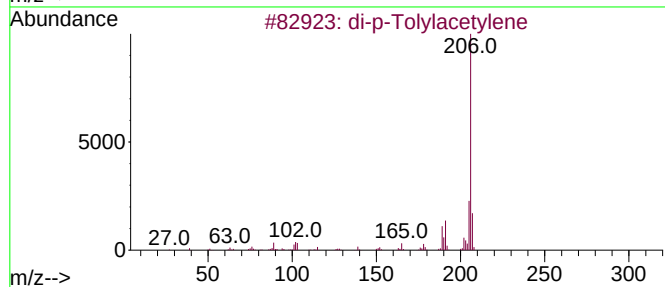
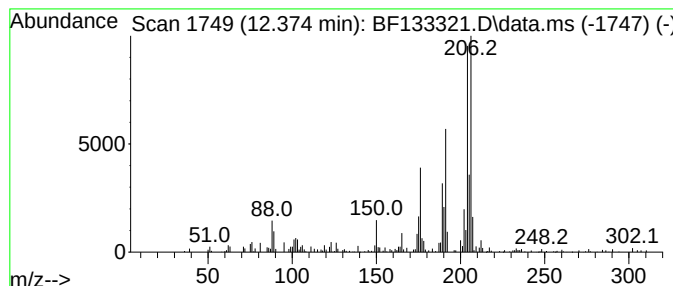
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.44 ng	221015	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	55
2			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	53
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	50
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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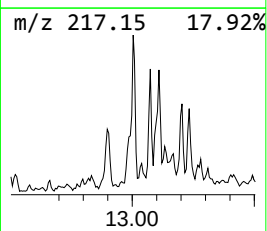
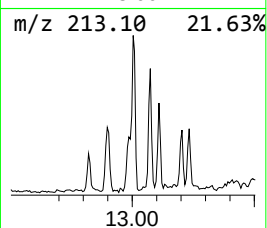
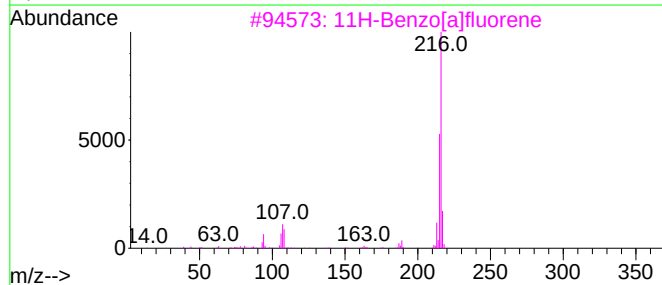
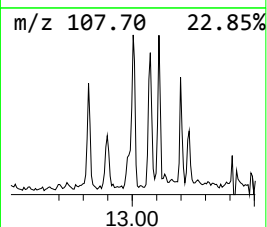
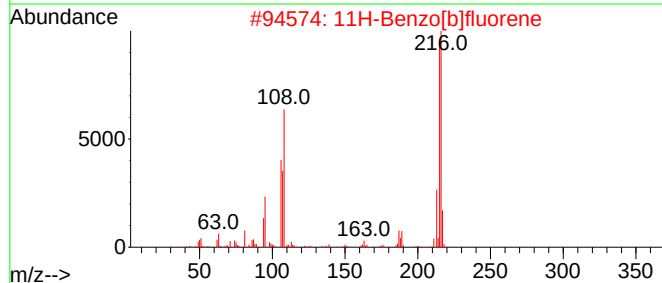
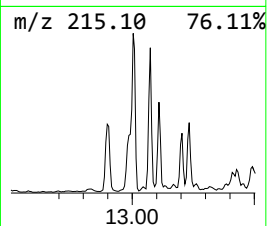
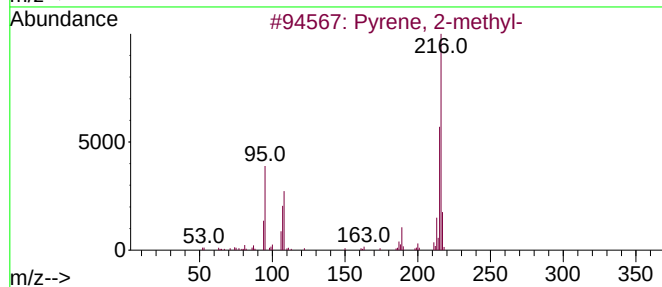
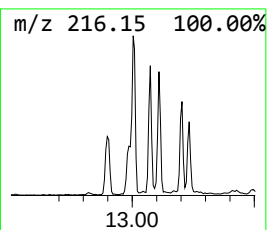
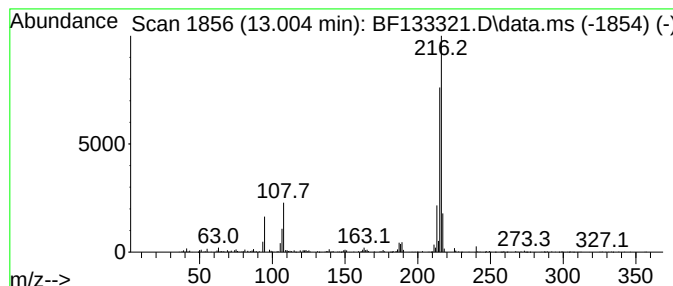
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	3.58 ng	531867	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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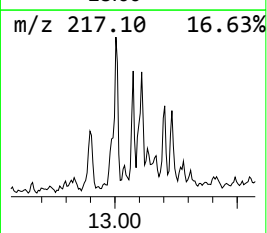
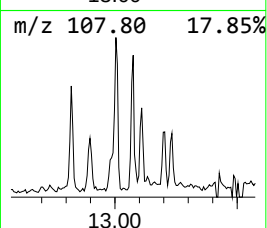
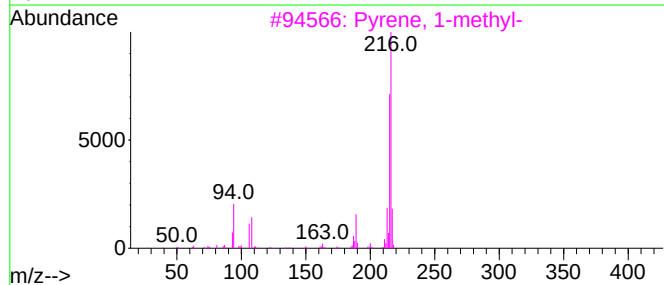
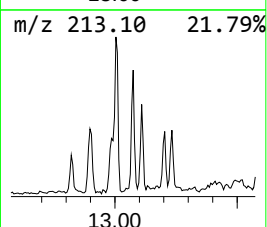
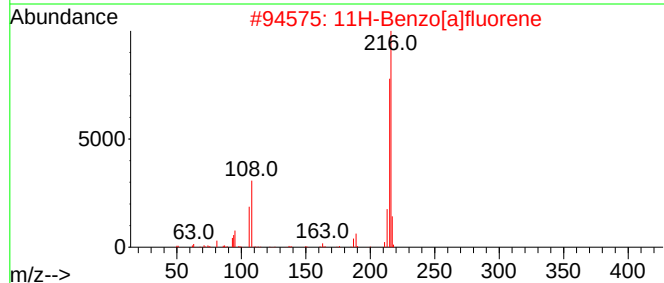
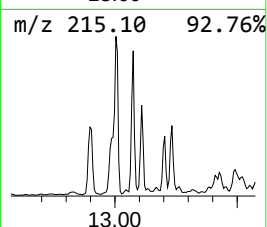
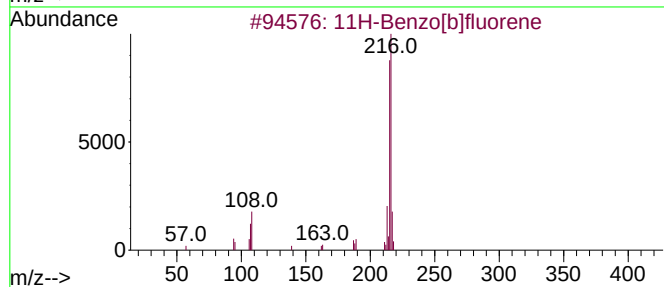
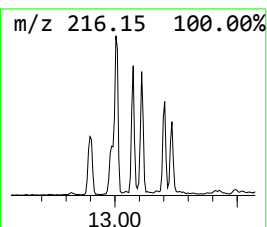
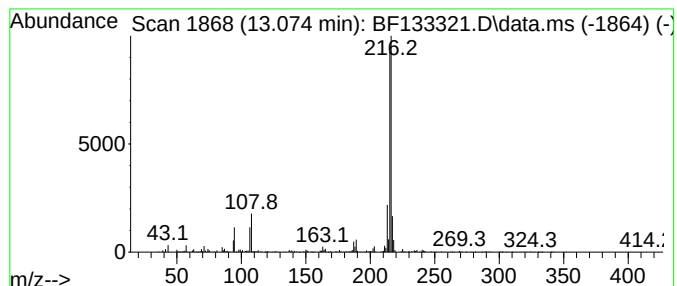
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.02 ng	447719	Chrysene-d12	13.880

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5		7-(1-Piperidinylmethyl)-8-quinol...	314	C18H26N2OSi	1000476-73-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-050823

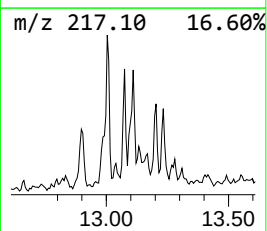
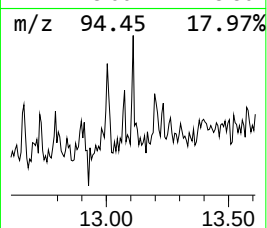
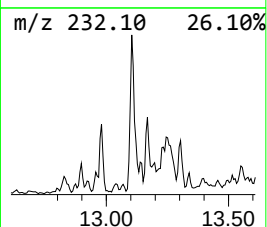
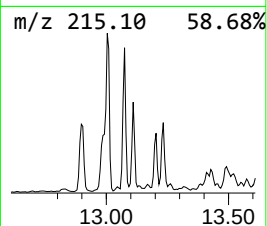
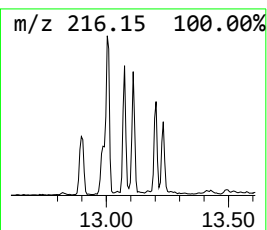
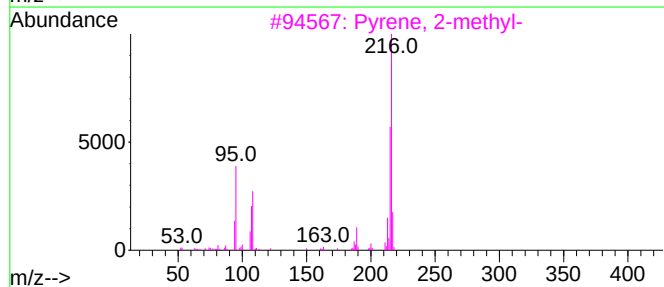
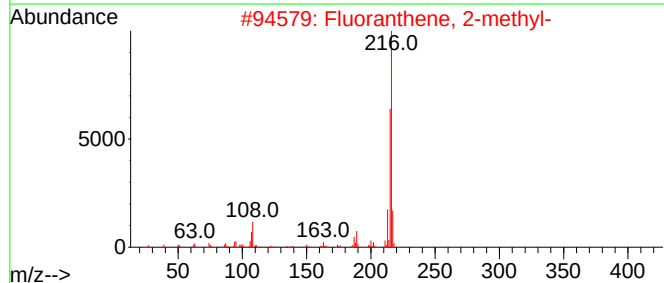
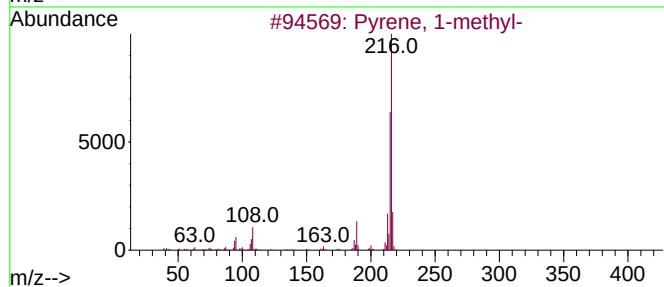
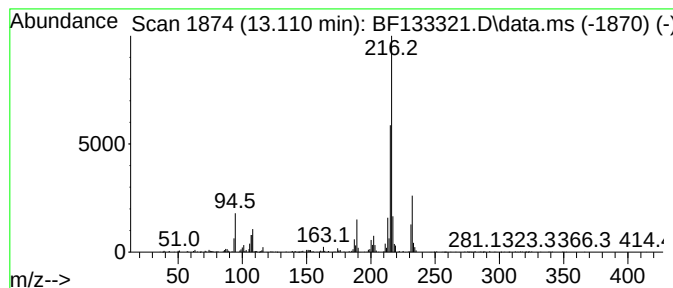
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.93 ng	434768	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

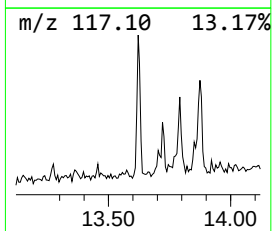
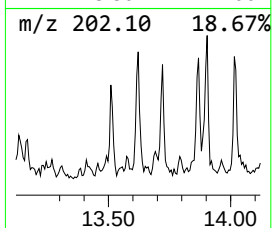
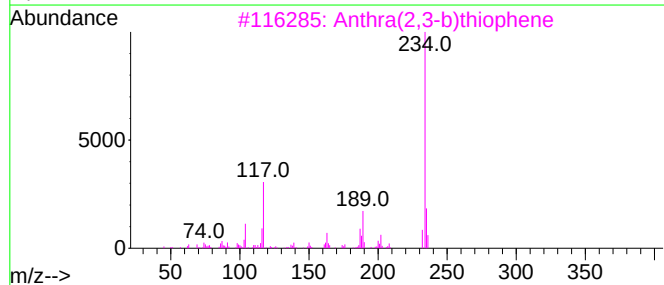
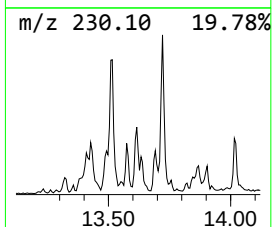
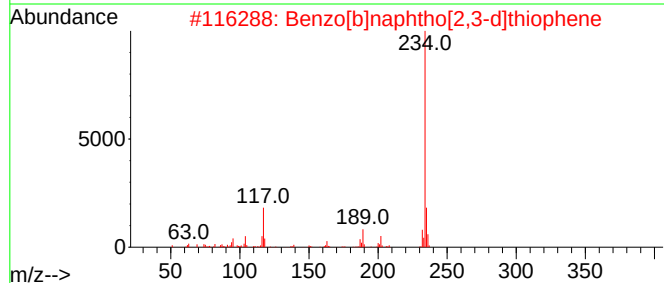
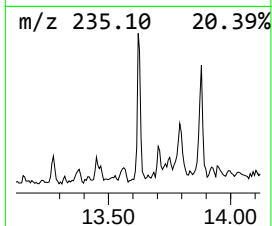
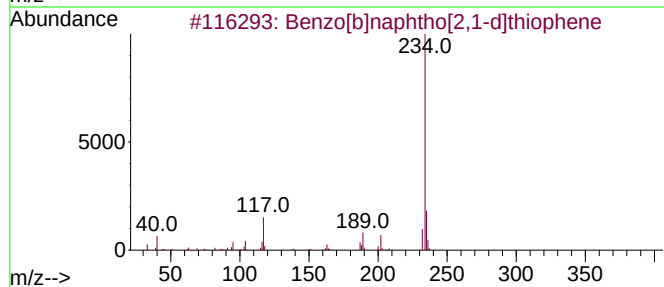
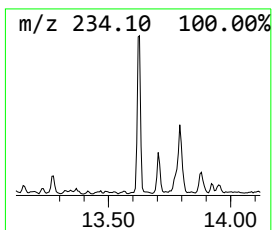
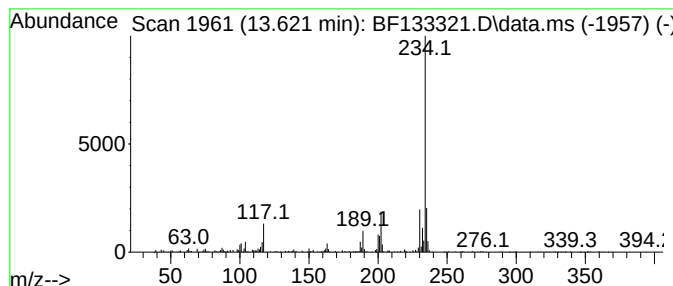
Instrument :
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ClientSampleId :
OR-3-050823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	3.09 ng	458455	Chrysene-d12	13.880
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 90
2		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 89
3		Anthra(2,3-b)thiophene	234 C16H10S	022108-55-0 64
4		Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234 C14H6N2O2	000201-91-2 50
5		2-Amino-6-t-butyl-3-cyano-4,5,6,...	234 C13H18N2S	042159-76-2 49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133321.D
Acq On : 09 May 2023 17:11
Operator : CG\JU
Sample : 02690-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-050823

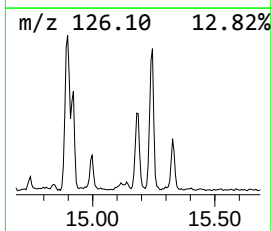
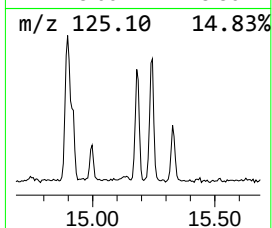
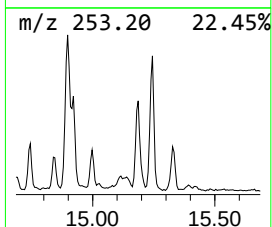
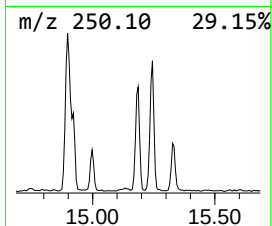
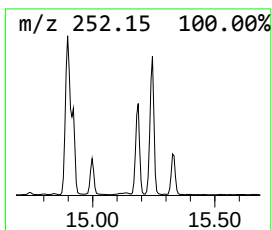
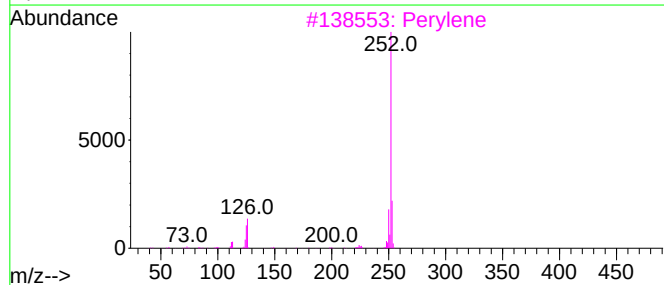
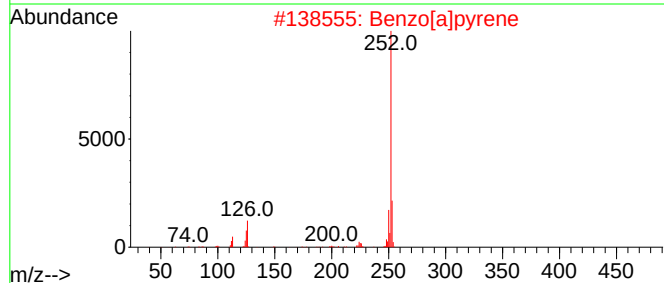
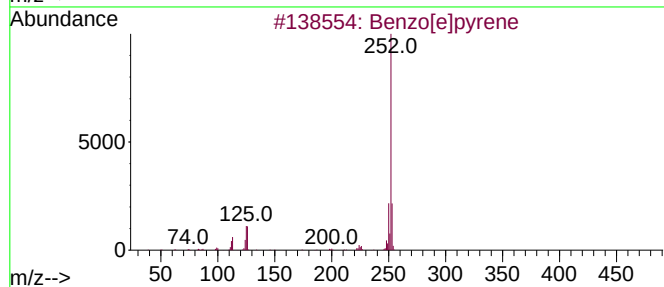
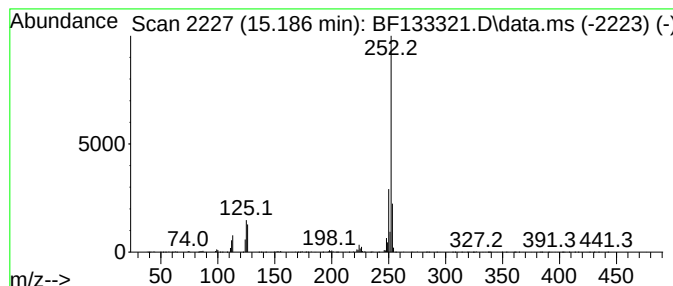
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.186	25.00 ng	1059750	Perylene-d12	15.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133321.D
 Acq On : 09 May 2023 17:11
 Operator : CG\JU
 Sample : 02690-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-050823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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-...	4.892	17.1	ng	905860	1	6.722	1057010	20.0
Benzophenone	10.463	4.8	ng	351670	3	9.757	1448860	20.0
Heptadecane	10.669	4.9	ng	314745	4	11.239	1286660	20.0
Tridecane, 1-iodo-	11.116	3.2	ng	203266	4	11.239	1286660	20.0
Dibenzothiophene	11.133	2.9	ng	183750	4	11.239	1286660	20.0
Phenanthrene, 2...	11.739	5.7	ng	365062	4	11.239	1286660	20.0
Phenanthrene, 1...	11.769	11.7	ng	753207	4	11.239	1286660	20.0
Anthracene, 2-m...	11.816	3.1	ng	200262	4	11.239	1286660	20.0
4H-Cyclopenta[d...	11.851	10.1	ng	648747	4	11.239	1286660	20.0
Anthracene, 1-m...	11.874	3.9	ng	251336	4	11.239	1286660	20.0
Naphthalene, 2-...	12.033	3.4	ng	219710	4	11.239	1286660	20.0
Phenanthrene, 3...	12.292	5.6	ng	358119	4	11.239	1286660	20.0
9,12-Octadecadi...	12.327	8.3	ng	535349	4	11.239	1286660	20.0
15-Octadecenoic...	12.345	10.6	ng	682953	4	11.239	1286660	20.0
di-p-Tolylacety...	12.374	3.4	ng	221015	4	11.239	1286660	20.0
Pyrene, 2-methyl-	13.004	3.6	ng	531867	5	13.880	2969560	20.0
11H-Benzo[b]flu...	13.074	3.0	ng	447719	5	13.880	2969560	20.0
Pyrene, 1-methyl-	13.110	2.9	ng	434768	5	13.880	2969560	20.0
Benzo[b]naphtho...	13.621	3.1	ng	458455	5	13.880	2969560	20.0
Benzo[e]pyrene	15.186	25.0	ng	1059750	6	15.304	847755	20.0