

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137056.D
 Acq On : 12 Jan 2024 18:54
 Operator : CG\JU
 Sample : P1107-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-11124

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	565	568	581	rBV	165064	189450	10.18%	0.926%
2	6.434	736	739	757	rBV	169918	194217	10.44%	0.949%
3	6.781	795	798	802	rBV	359959	296907	15.96%	1.451%
4	7.345	890	894	897	rBV	122329	111982	6.02%	0.547%
5	8.057	1012	1015	1017	rBV	398308	343009	18.43%	1.677%
6	8.081	1017	1019	1023	rVB	231995	167550	9.00%	0.819%
7	8.775	1134	1137	1141	rBV	123387	94771	5.09%	0.463%
8	8.869	1149	1153	1161	rVB	68113	64380	3.46%	0.315%
9	9.134	1195	1198	1203	rBV	295452	218175	11.73%	1.066%
10	9.216	1207	1212	1214	rBV	26363	26822	1.44%	0.131%
11	9.234	1214	1215	1218	rBV	28648	26145	1.41%	0.128%
12	9.404	1240	1244	1248	rBV2	34192	46348	2.49%	0.227%
13	9.475	1252	1256	1258	rBV	50610	47429	2.55%	0.232%
14	9.592	1273	1276	1282	rBV	31559	29732	1.60%	0.145%
15	9.745	1299	1302	1305	rVB	45700	31897	1.71%	0.156%
16	9.816	1306	1314	1317	rBV	444181	380198	20.43%	1.858%
17	9.851	1317	1320	1324	rVB	260431	214794	11.54%	1.050%
18	9.916	1324	1331	1337	rBV	263173	364893	19.61%	1.784%
19	10.022	1346	1349	1353	rVV	244485	194882	10.47%	0.953%
20	10.063	1353	1356	1361	rVB3	24803	26214	1.41%	0.128%
21	10.245	1385	1387	1390	rVB	70726	50387	2.71%	0.246%
22	10.369	1404	1408	1413	rBV	491697	415907	22.35%	2.033%
23	10.451	1420	1422	1428	rVV4	42293	53460	2.87%	0.261%
24	10.522	1432	1434	1437	rVB	64741	57617	3.10%	0.282%
25	10.610	1446	1449	1454	rBV2	152489	157850	8.48%	0.772%
26	10.722	1465	1468	1476	rVB	72084	94971	5.10%	0.464%
27	10.916	1496	1501	1504	rBV2	67929	78046	4.19%	0.382%
28	10.945	1504	1506	1509	rVV2	32560	26677	1.43%	0.130%
29	10.998	1509	1515	1518	rVB5	25326	32973	1.77%	0.161%
30	11.045	1518	1523	1525	rBV3	27156	31499	1.69%	0.154%
31	11.169	1539	1544	1547	rBV2	63089	77770	4.18%	0.380%
32	11.204	1547	1550	1556	rVB	135169	131960	7.09%	0.645%
33	11.310	1565	1568	1570	rBV	328984	324120	17.42%	1.584%
34	11.339	1570	1573	1576	rVV	1798795	1718678	92.37%	8.401%
35	11.392	1576	1582	1585	rVV	667052	615856	33.10%	3.010%
36	11.422	1585	1587	1593	rVV2	28488	39520	2.12%	0.193%

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37	11.551	1604	1609	1615	rBV	182241	185381	9.96%	0.906%
38	11.604	1615	1618	1622	rVV3	69819	73173	3.93%	0.358%
39	11.645	1622	1625	1630	rVB3	26554	40918	2.20%	0.200%
40	11.704	1630	1635	1637	rBV2	36802	38460	2.07%	0.188%
41	11.816	1650	1654	1656	rBV	176988	146455	7.87%	0.716%
42	11.845	1656	1659	1662	rVV	241579	201295	10.82%	0.984%
43	11.892	1662	1667	1670	rVV	98925	89040	4.79%	0.435%
44	11.927	1670	1673	1676	rVV	382715	385161	20.70%	1.883%
45	11.951	1676	1677	1681	rVB	105802	58289	3.13%	0.285%
46	12.010	1683	1687	1692	rBV2	57449	86110	4.63%	0.421%
47	12.110	1701	1704	1707	rBV	122338	104110	5.60%	0.509%
48	12.263	1728	1730	1733	rVB	32638	27068	1.45%	0.132%
49	12.292	1733	1735	1737	rBV	40315	34800	1.87%	0.170%
50	12.369	1744	1748	1750	rBV	65669	73868	3.97%	0.361%
51	12.398	1750	1753	1761	rVV5	115700	237172	12.75%	1.159%
52	12.463	1761	1764	1768	rVV3	45343	53774	2.89%	0.263%
53	12.539	1773	1777	1780	rBV	1931039	1860704	100.00%	9.095%
54	12.598	1785	1787	1790	rVB	36932	27011	1.45%	0.132%
55	12.686	1798	1802	1805	rBV2	55316	54085	2.91%	0.264%
56	12.769	1809	1816	1821	rBV	1613912	1821290	97.88%	8.903%
57	12.810	1821	1823	1829	rVB2	61467	71720	3.85%	0.351%
58	12.886	1832	1836	1837	rBV	108010	103382	5.56%	0.505%
59	12.904	1837	1839	1841	rVV	232790	171436	9.21%	0.838%
60	12.927	1841	1843	1846	rVB	90486	77680	4.17%	0.380%
61	12.986	1847	1853	1856	rBV2	87904	158449	8.52%	0.775%
62	13.016	1856	1858	1861	rBV	30405	26303	1.41%	0.129%
63	13.069	1864	1867	1869	rBV3	75386	102418	5.50%	0.501%
64	13.098	1869	1872	1875	rVB	315807	291558	15.67%	1.425%
65	13.133	1875	1878	1880	rBV3	50225	58837	3.16%	0.288%
66	13.163	1880	1883	1885	rVV	355930	284150	15.27%	1.389%
67	13.198	1885	1889	1892	rVV2	125595	130007	6.99%	0.635%
68	13.257	1896	1899	1901	rBV2	31670	31315	1.68%	0.153%
69	13.292	1902	1905	1908	rBV	55054	48048	2.58%	0.235%
70	13.321	1908	1910	1914	rBV2	67005	76703	4.12%	0.375%
71	13.480	1934	1937	1939	rBV	50862	55146	2.96%	0.270%
72	13.580	1951	1954	1957	rBV	54293	69308	3.72%	0.339%
73	13.610	1957	1959	1963	rVB	48337	48942	2.63%	0.239%
74	13.721	1974	1978	1980	rBV	138522	142352	7.65%	0.696%
75	13.745	1980	1982	1984	rVV	139217	101933	5.48%	0.498%
76	13.769	1984	1986	1992	rVV3	100215	150307	8.08%	0.735%

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77	13.886	2004	2006	2013	rVB	33967	41584	2.23%	0.203%
78	13.969	2013	2020	2023	rBV3	933598	1396873	75.07%	6.828%
79	14.004	2023	2026	2029	rVB	712720	645708	34.70%	3.156%
80	14.080	2036	2039	2042	rVB	184403	148182	7.96%	0.724%
81	14.127	2044	2047	2052	rVV4	97289	116393	6.26%	0.569%
82	14.174	2052	2055	2056	rVV	60630	59214	3.18%	0.289%
83	14.204	2059	2060	2063	rVB	73414	52763	2.84%	0.258%
84	14.321	2078	2080	2082	rBV	56879	50786	2.73%	0.248%
85	14.363	2082	2087	2089	rVV	141442	152255	8.18%	0.744%
86	14.398	2090	2093	2096	rVB2	52805	50952	2.74%	0.249%
87	14.439	2097	2100	2102	rBV4	65575	83083	4.47%	0.406%
88	14.463	2102	2104	2106	rVV	73659	68952	3.71%	0.337%
89	14.486	2106	2108	2110	rVV	87585	73334	3.94%	0.358%
90	14.510	2110	2112	2115	rVB	97329	77392	4.16%	0.378%
91	14.745	2150	2152	2156	rBV2	50512	55931	3.01%	0.273%
92	14.868	2170	2173	2175	rBV	42528	48495	2.61%	0.237%
93	15.027	2196	2200	2203	rBV	462886	686879	36.92%	3.358%
94	15.139	2215	2219	2226	rBV	102172	122225	6.57%	0.597%
95	15.339	2249	2253	2259	rVB	239939	330935	17.79%	1.618%
96	15.404	2259	2264	2269	rVV	435049	506900	27.24%	2.478%
97	15.468	2270	2275	2278	rVV	208127	318615	17.12%	1.557%
98	15.498	2278	2280	2288	rVB	120150	151245	8.13%	0.739%
99	16.986	2528	2533	2540	rVB2	140534	266905	14.34%	1.305%
100	17.451	2608	2612	2621	rVB	88503	176735	9.50%	0.864%

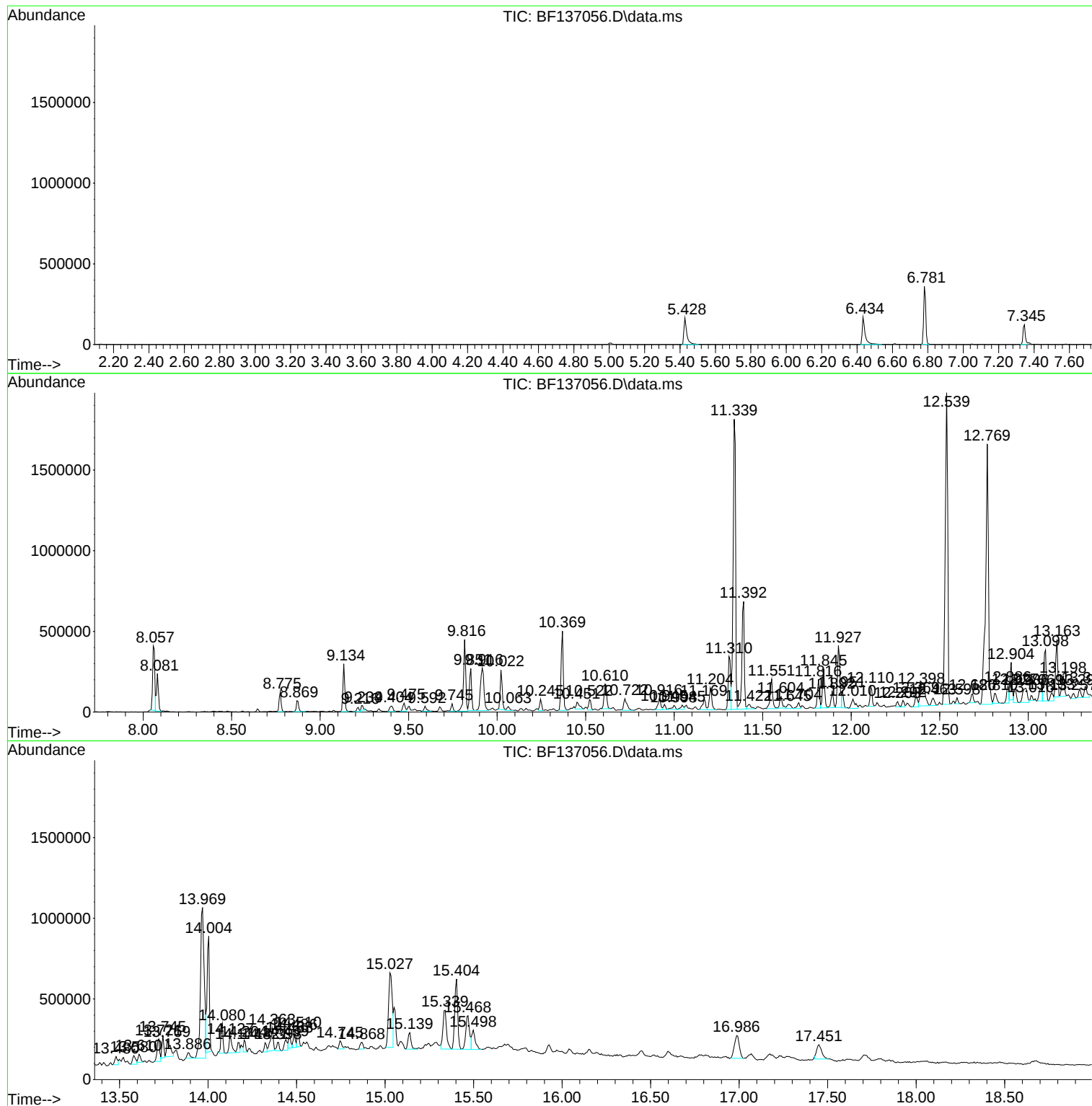
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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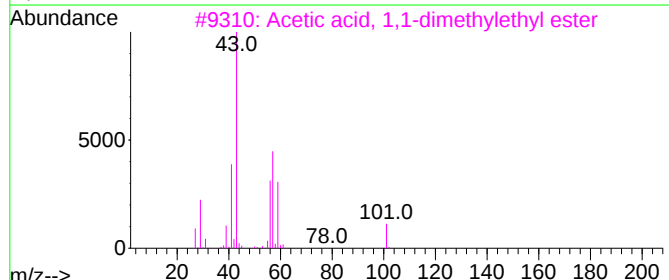
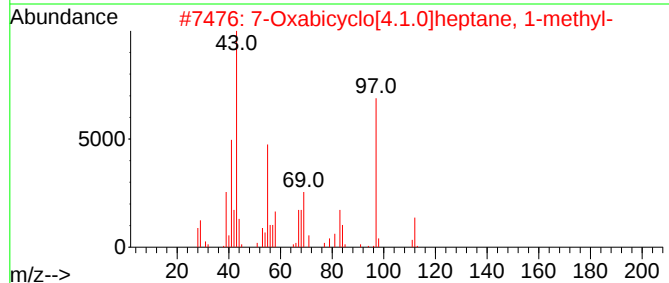
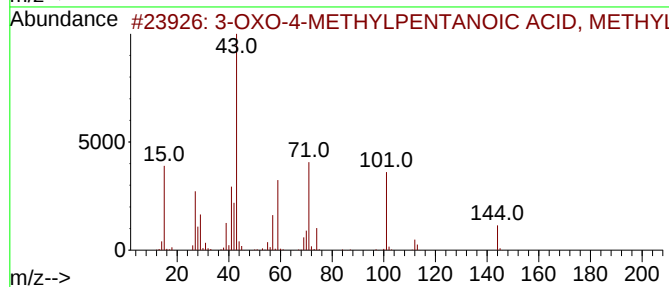
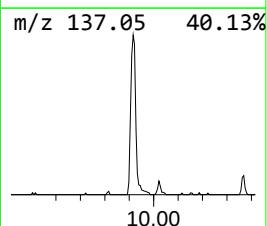
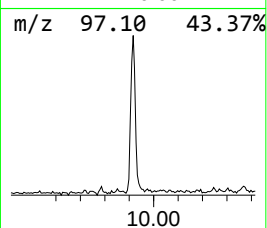
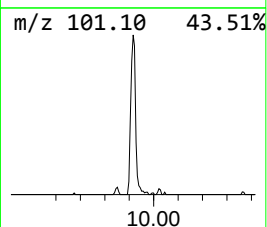
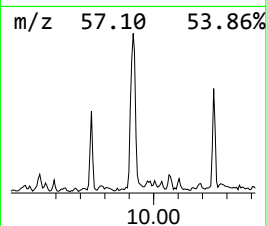
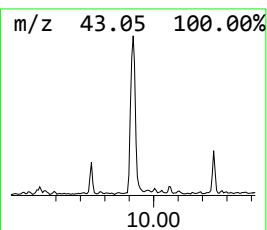
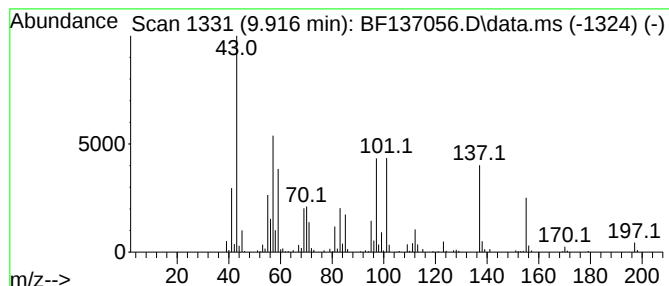
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown9.916 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	19.19 ng	364893	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	12
2			7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	11
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10
4			CH3C(O)OCH(CH2CH3)C(CH3)3	158	C9H18O2	039511-81-4	10
5			Carbonic acid, eicosyl prop-1-en...	382	C24H46O3	1000383-10-8	10



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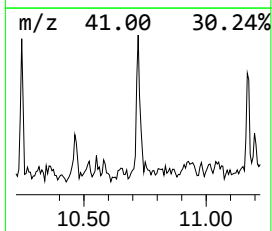
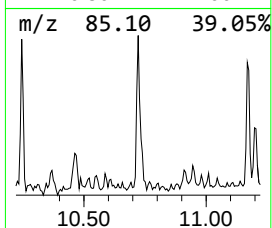
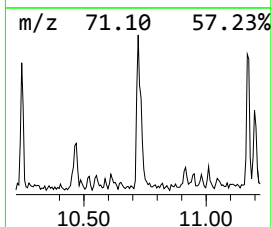
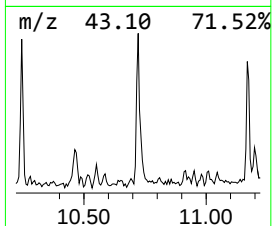
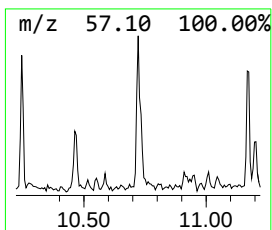
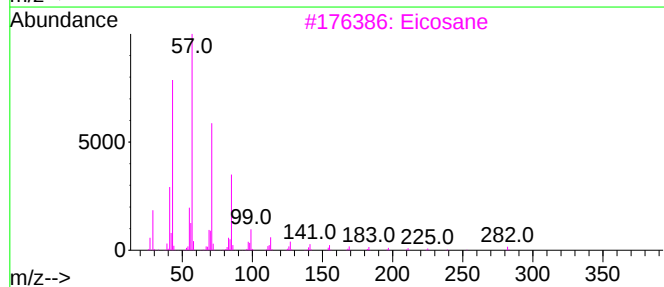
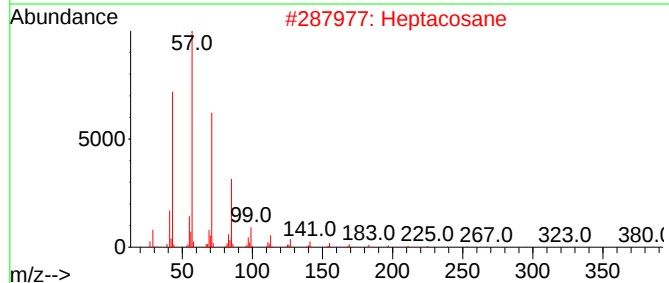
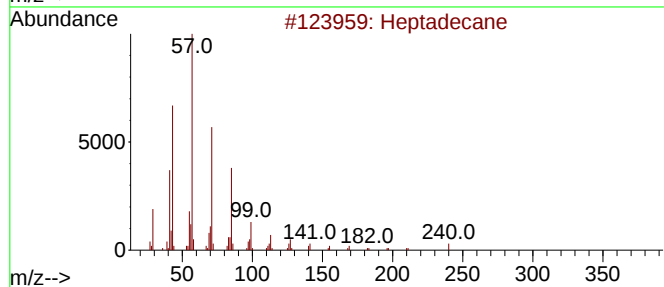
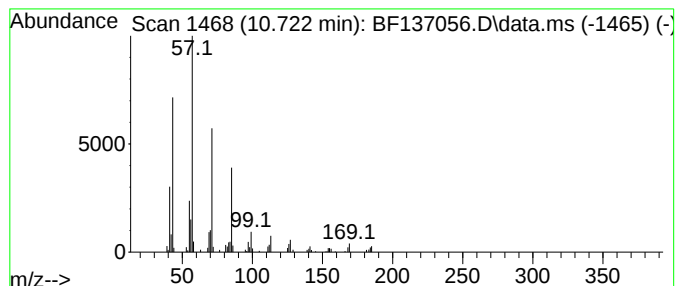
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	5.86 ng	94971	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Eicosane	282	C20H42	000112-95-8	86
4			Tridecane	184	C13H28	000629-50-5	83
5			Tetracosane	338	C24H50	000646-31-1	80



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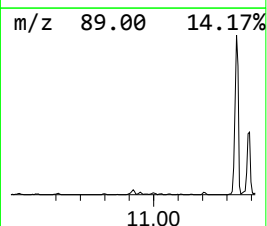
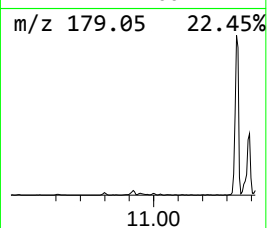
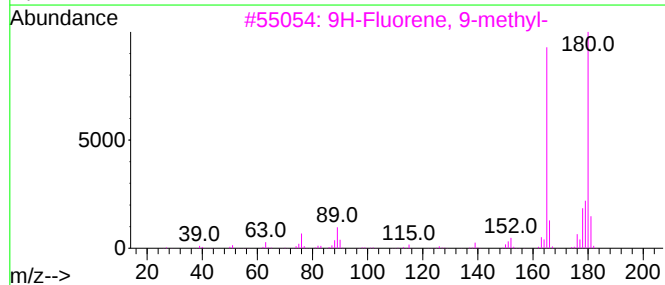
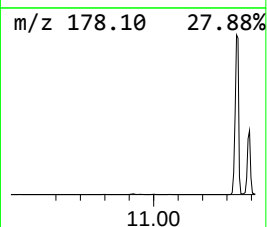
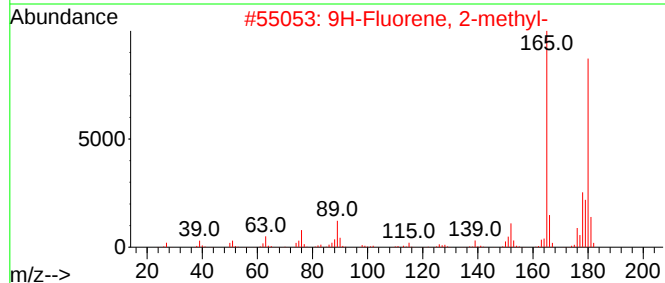
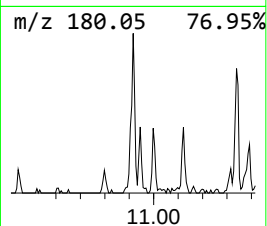
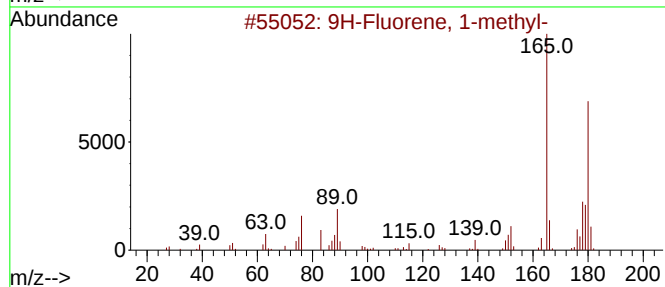
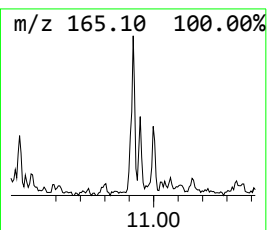
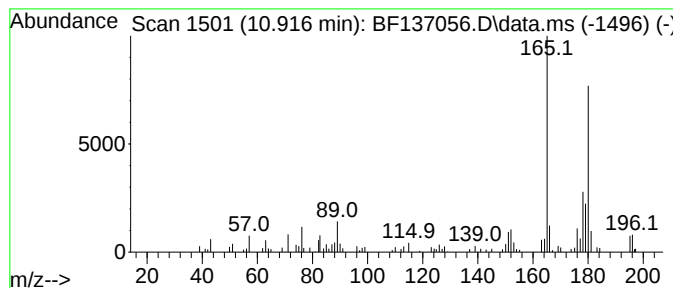
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	4.82 ng	78046	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95		
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93		
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87		
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	76		
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64		



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Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
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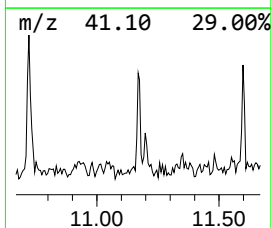
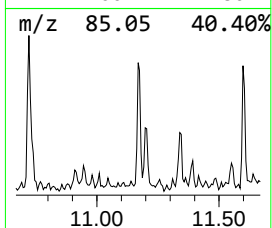
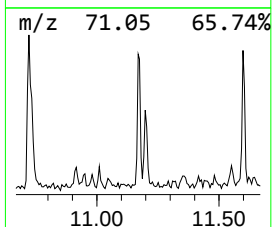
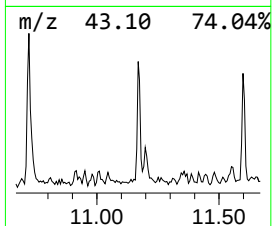
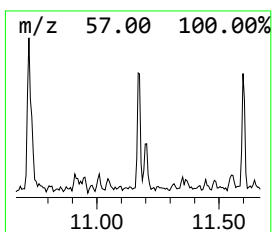
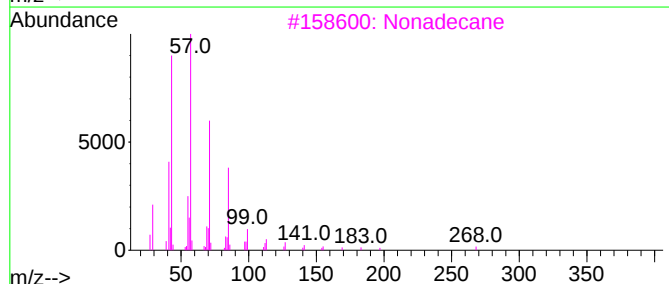
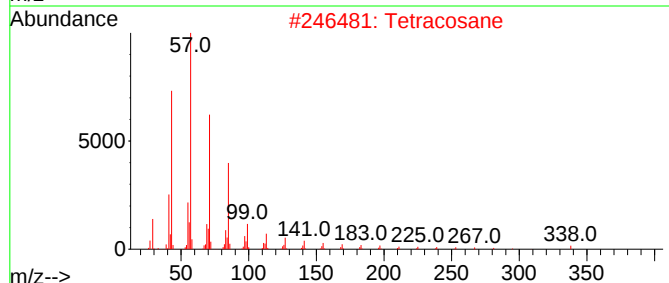
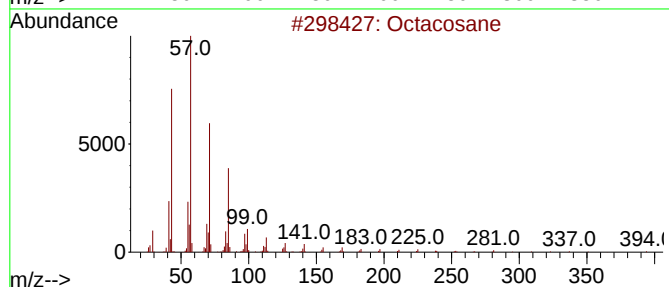
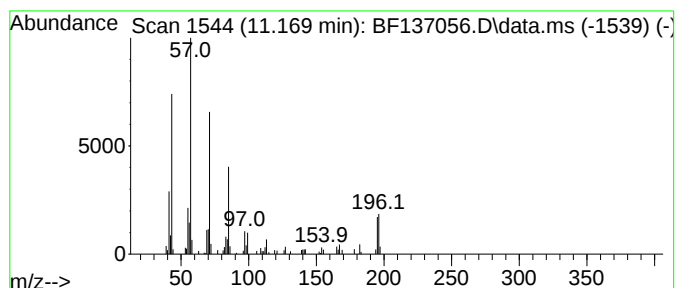
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.169	4.80 ng	77770	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Tetracosane	338	C24H50	000646-31-1	72
3	Nonadecane	268	C19H40	000629-92-5	70
4	Hexacosane	366	C26H54	000630-01-3	64
5	Tetradecane	198	C14H30	000629-59-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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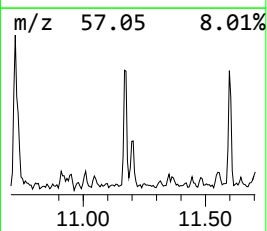
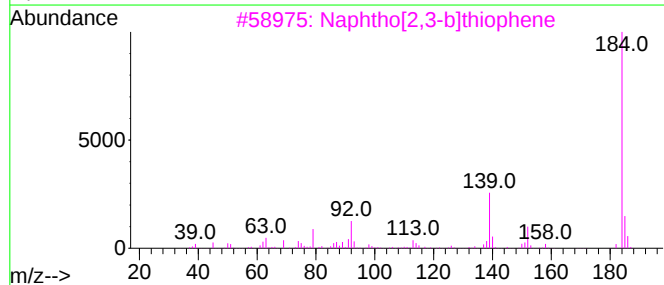
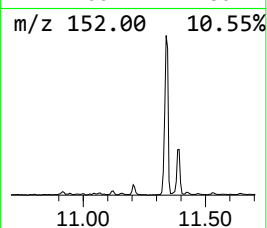
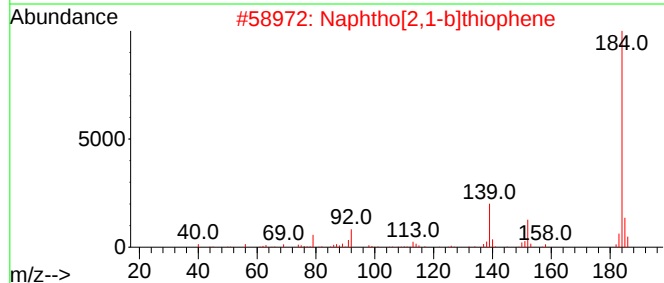
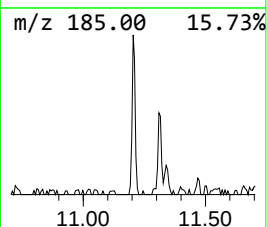
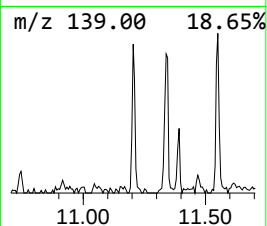
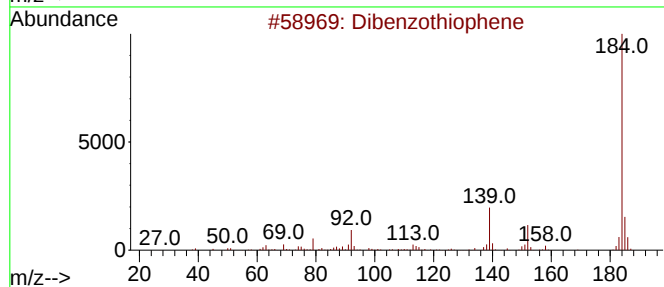
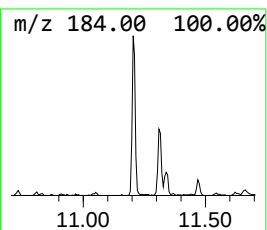
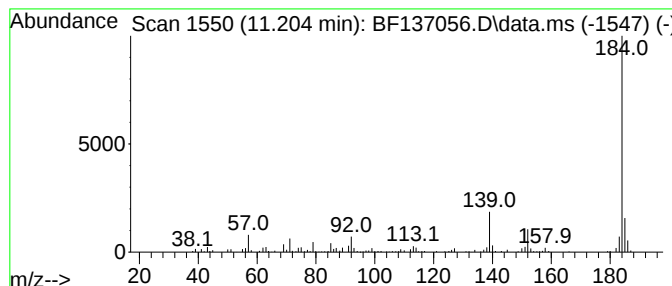
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	8.14 ng	131960	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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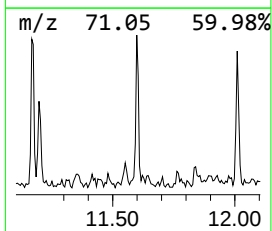
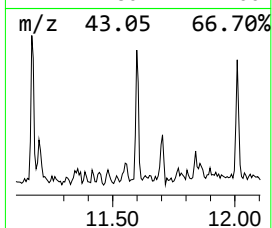
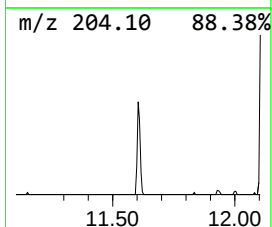
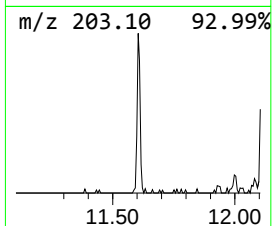
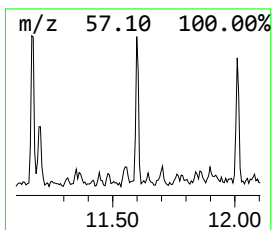
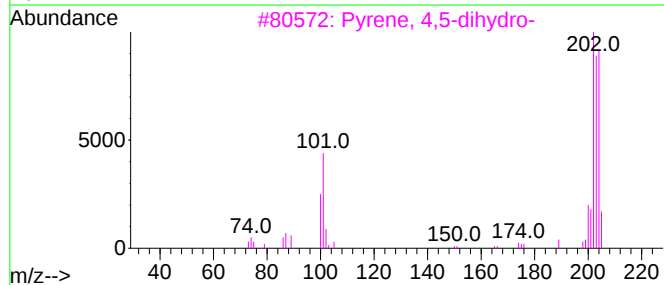
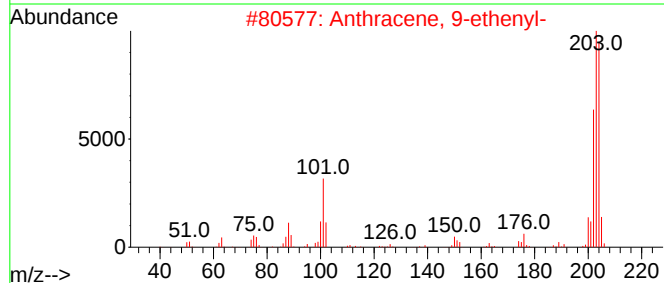
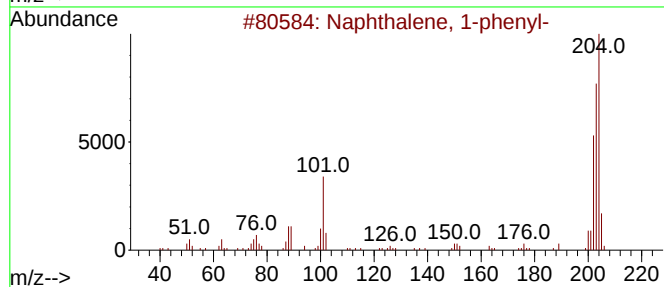
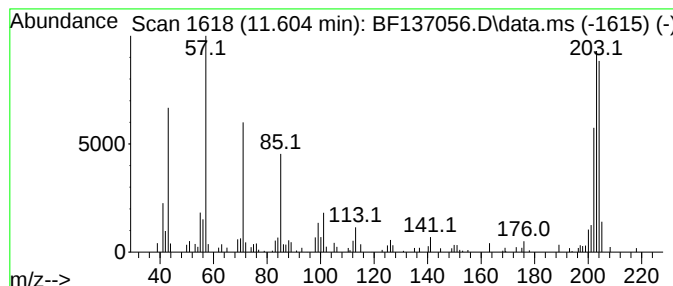
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	4.52 ng	73173	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	70
3			Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	64
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	60
5			Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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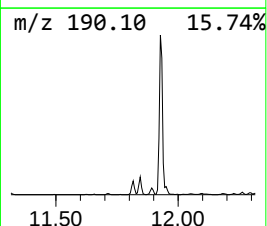
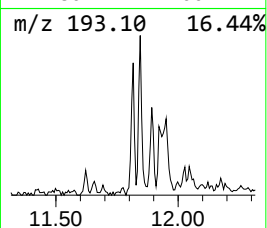
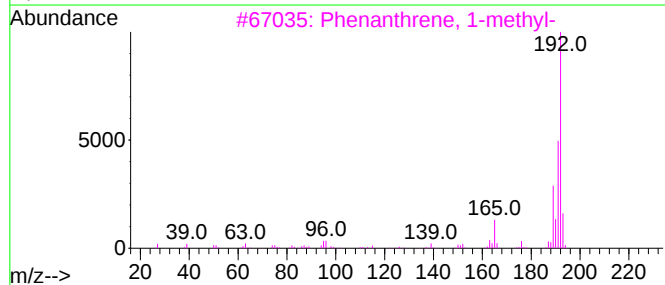
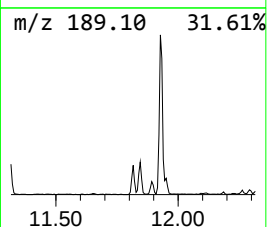
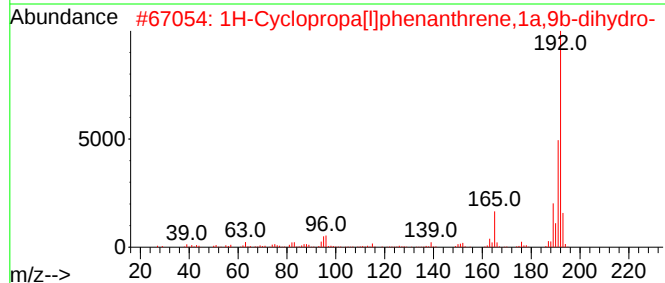
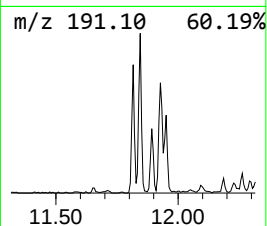
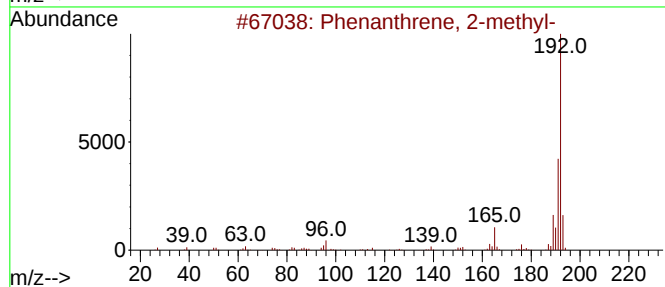
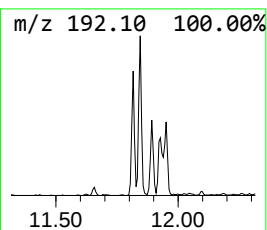
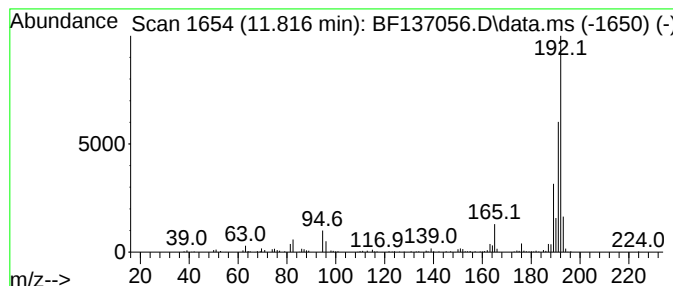
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	9.04 ng	146455	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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Sample : P1107-01 5X
Misc :
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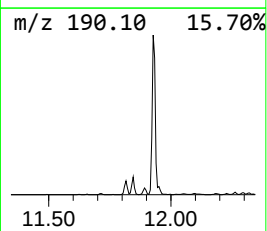
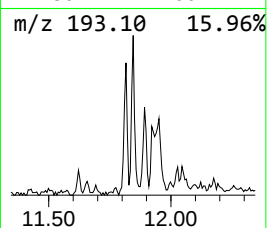
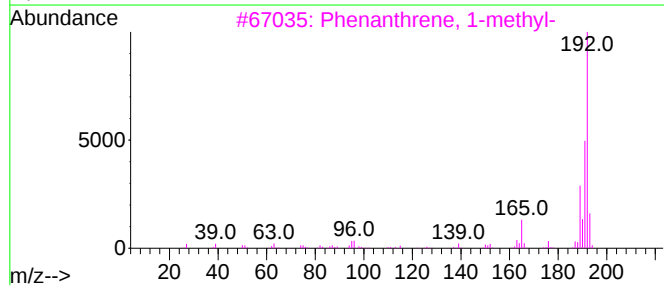
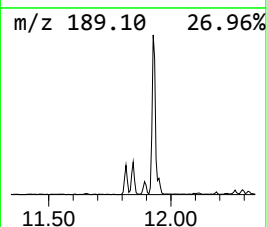
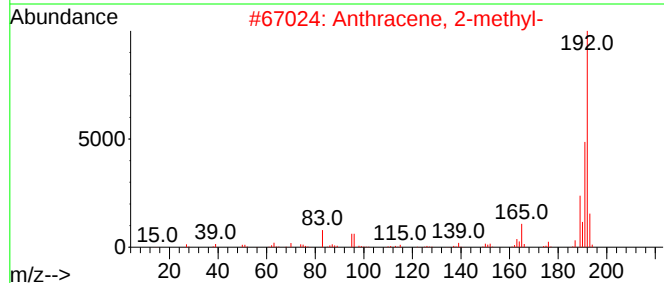
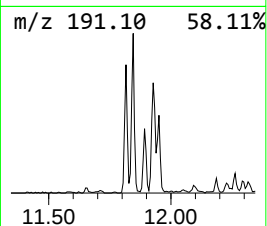
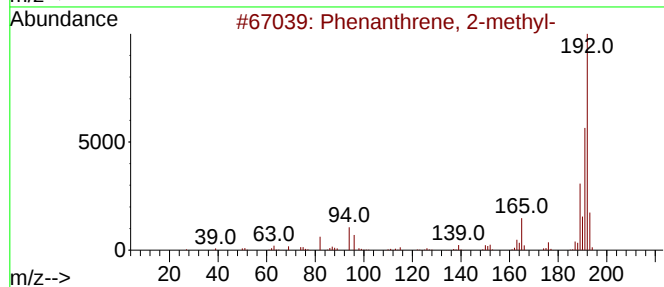
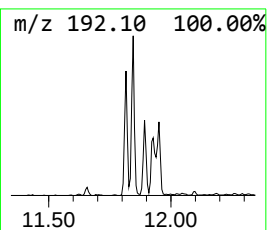
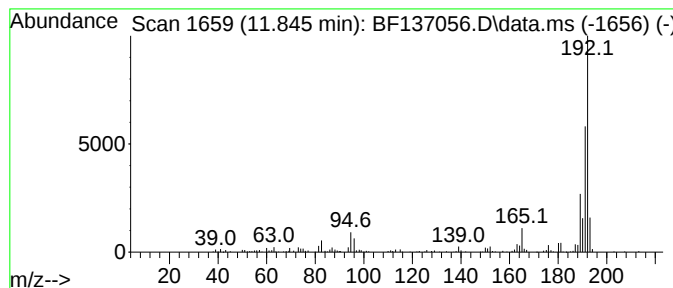
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.845	12.42 ng	201295	Phenanthrene-d10		11.310	
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	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
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ClientSampleId :
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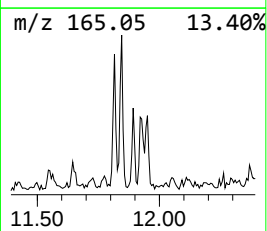
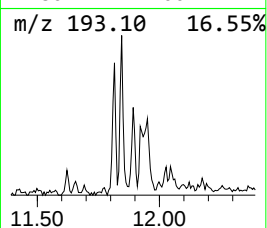
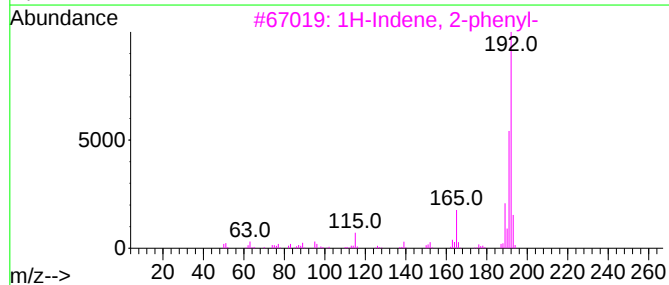
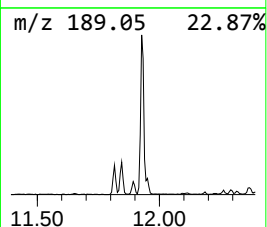
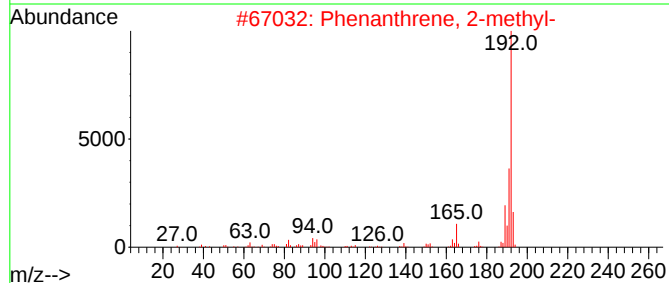
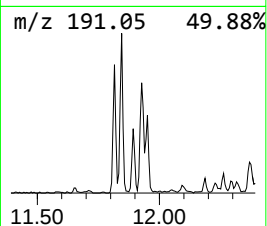
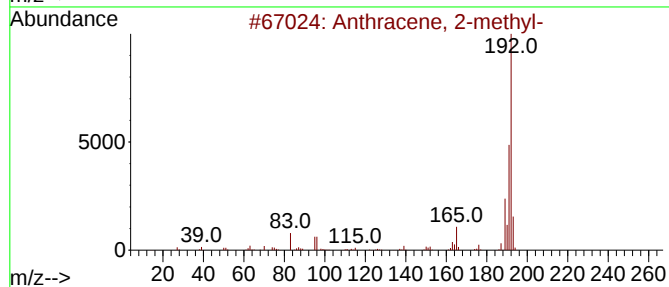
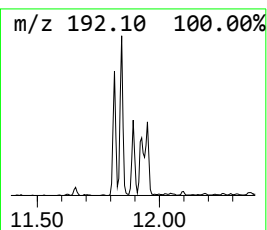
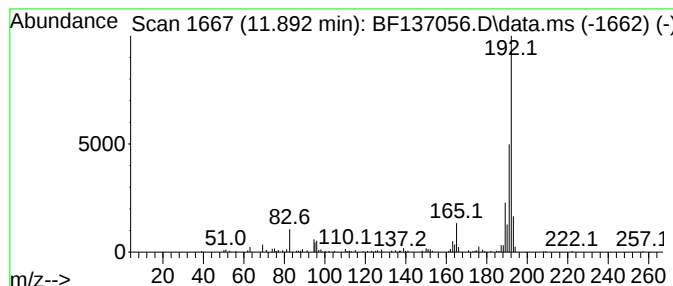
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.49 ng	89040	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
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Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

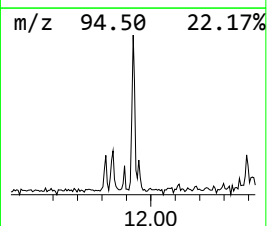
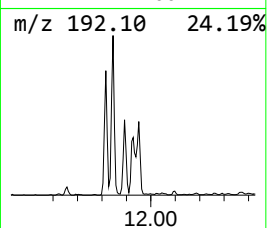
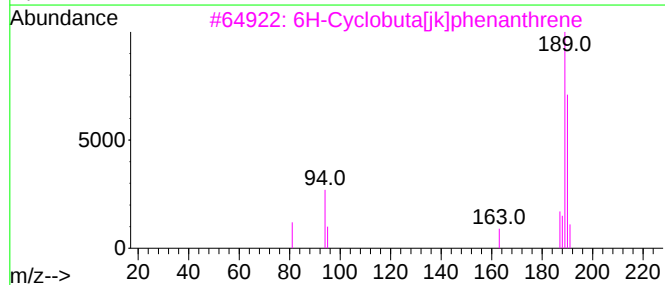
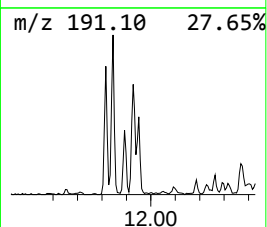
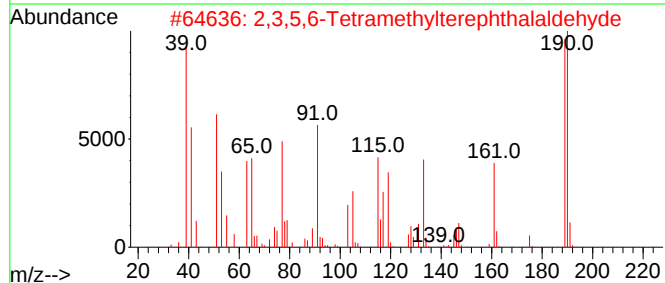
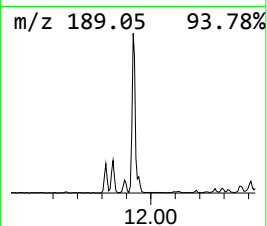
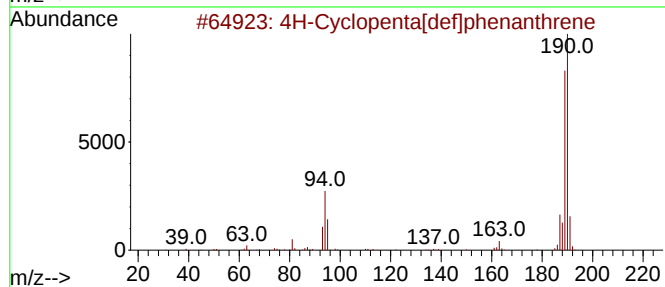
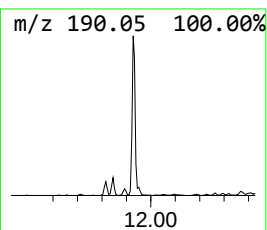
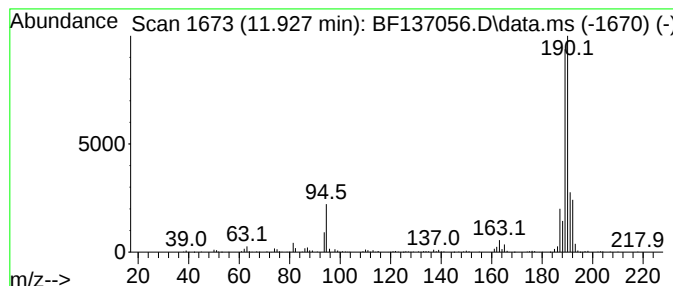
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.928	23.77 ng	385161	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
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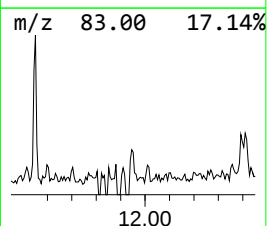
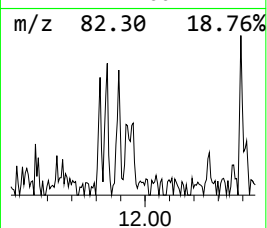
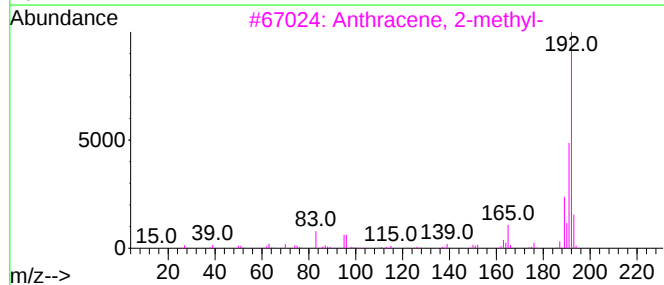
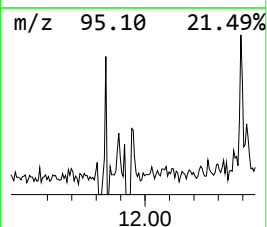
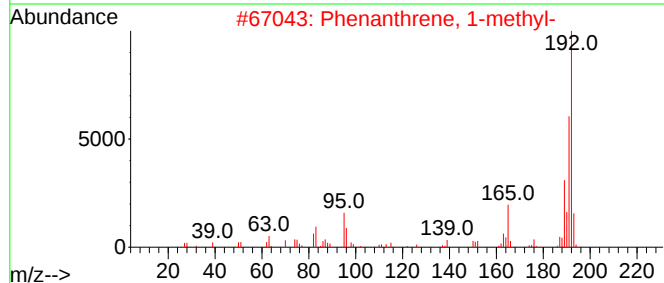
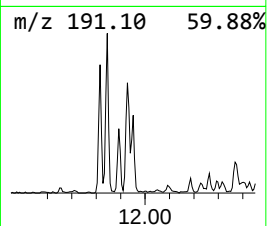
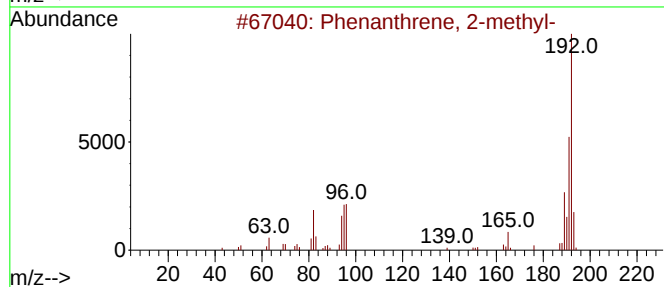
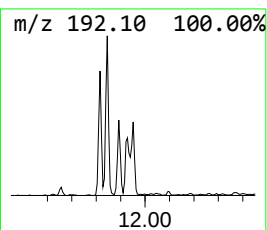
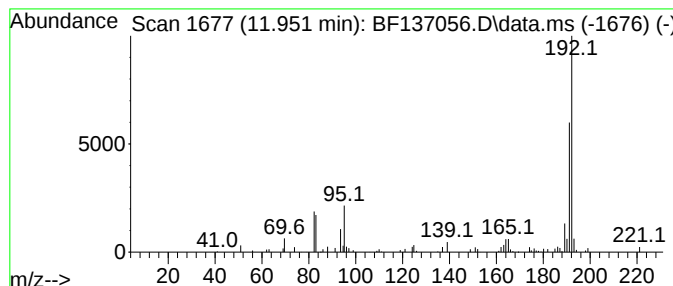
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	3.60 ng	58289	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	64
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	64
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	64
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	59
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
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Sample : P1107-01 5X
Misc :
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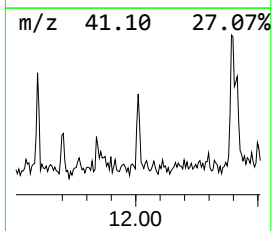
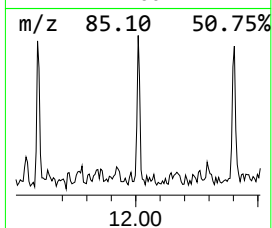
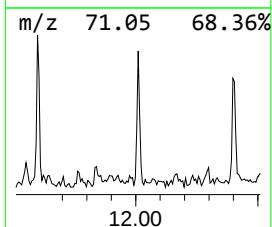
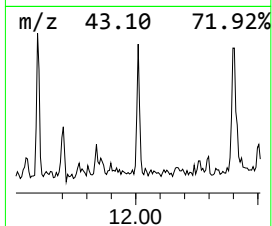
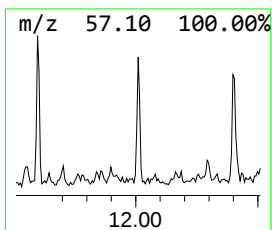
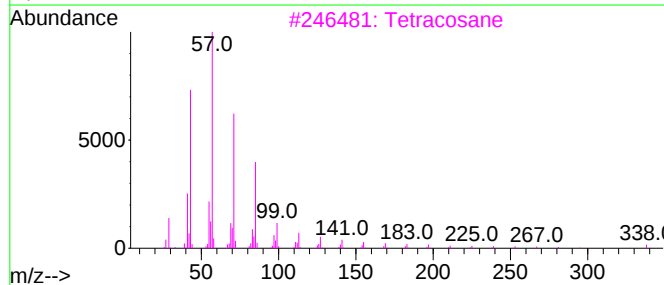
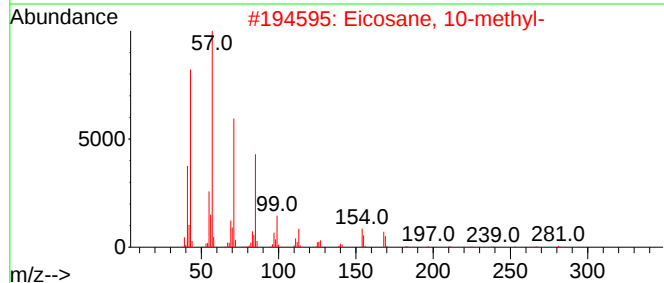
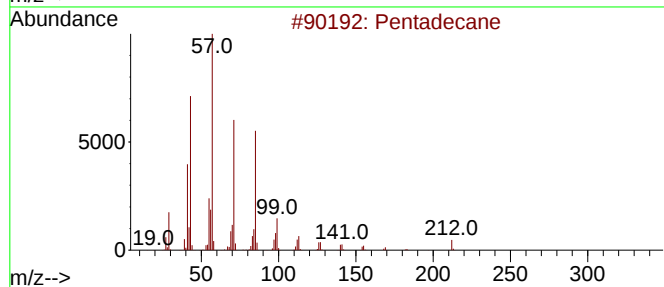
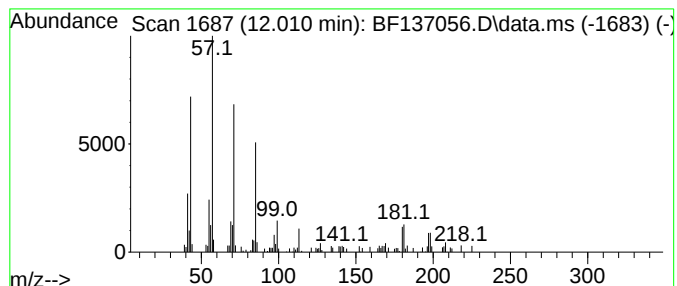
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.010	5.31 ng	86110	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	72
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	68
3	Tetracosane		338	C24H50	000646-31-1	68
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	68
5	Octacosane		394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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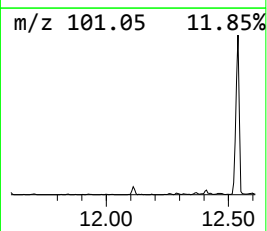
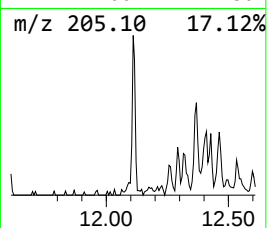
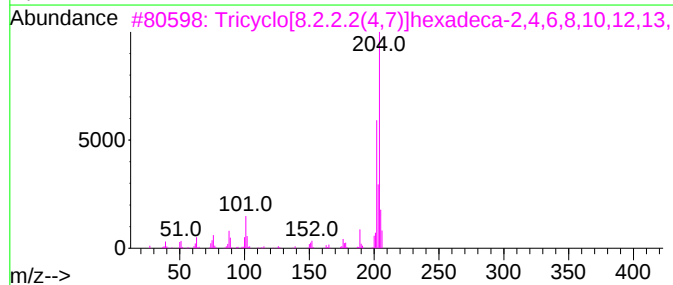
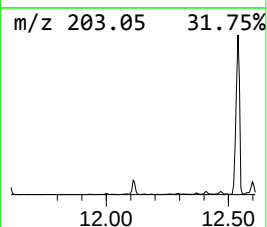
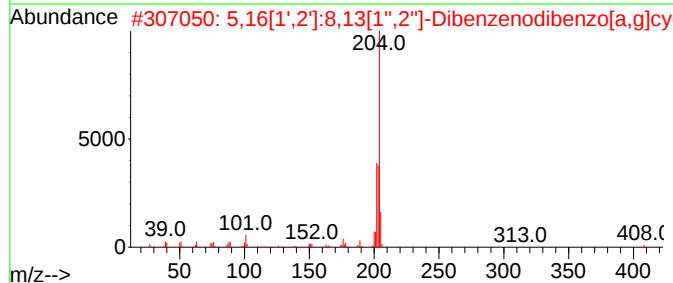
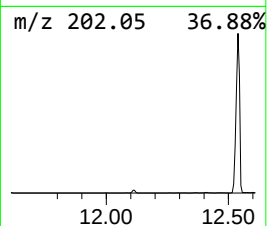
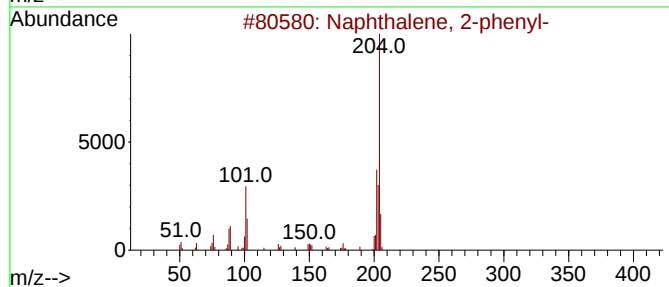
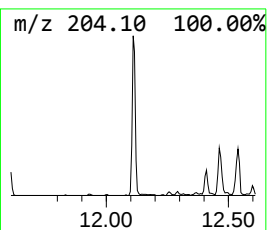
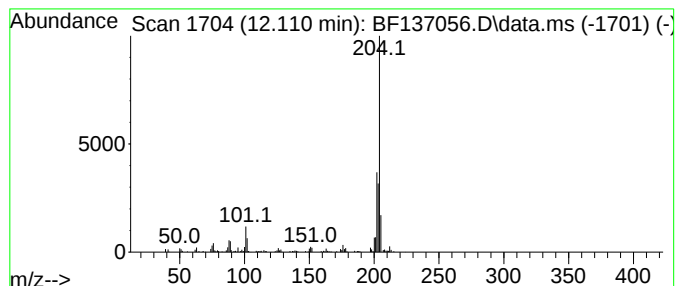
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	6.42 ng	104110	Phenanthrene-d10	11.310

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	87
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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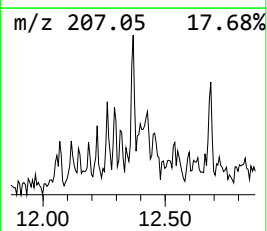
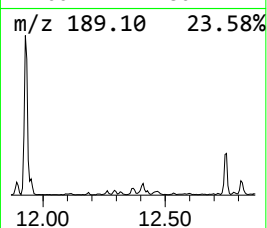
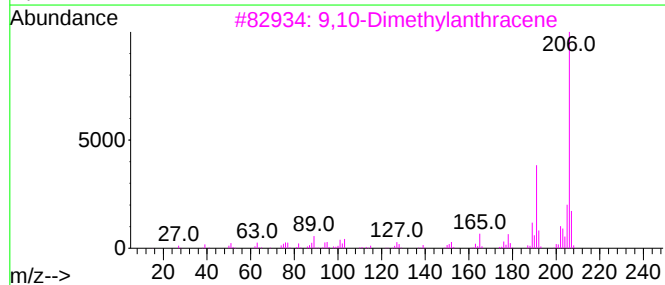
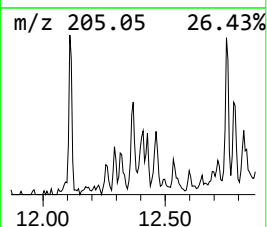
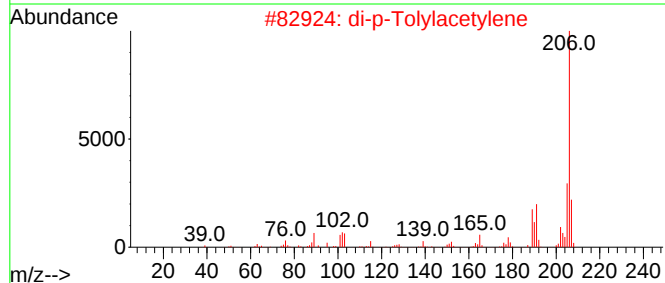
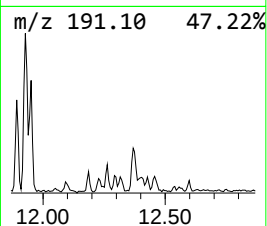
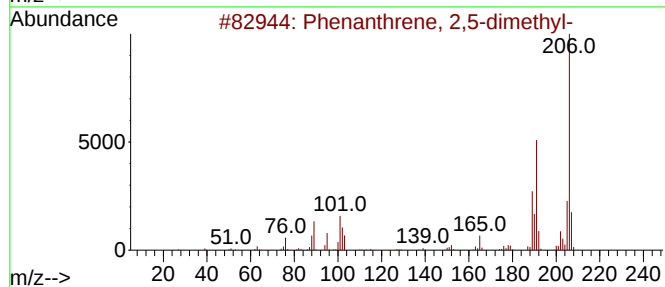
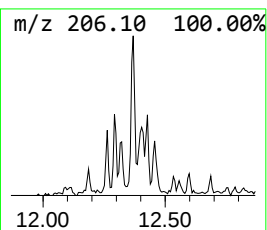
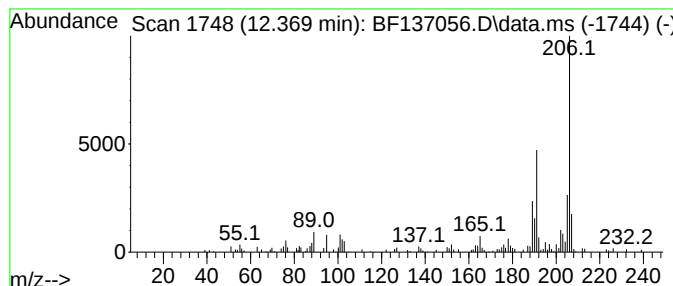
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.369	4.56 ng	73868	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	96
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
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Misc :
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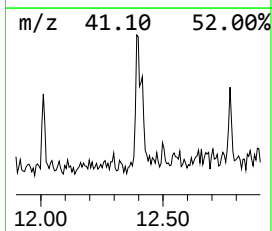
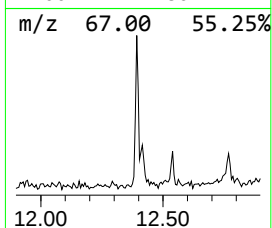
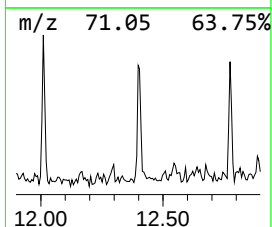
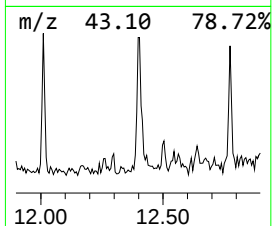
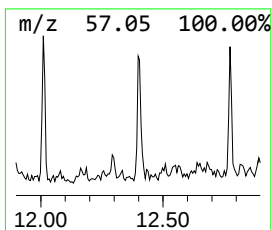
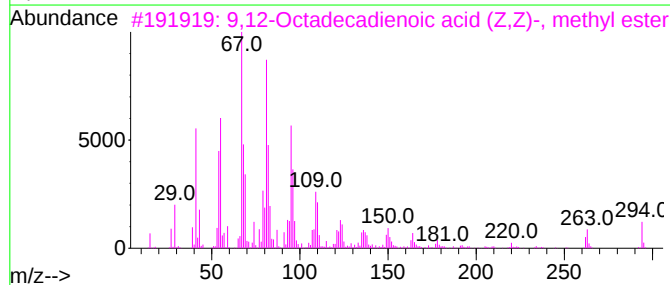
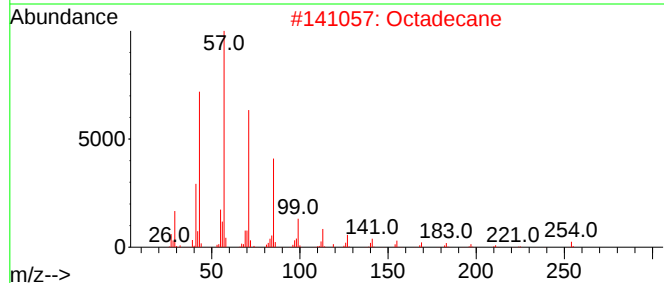
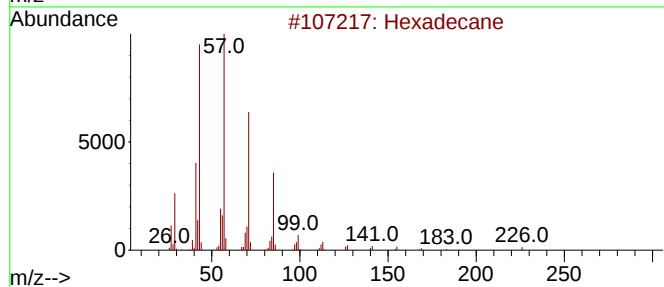
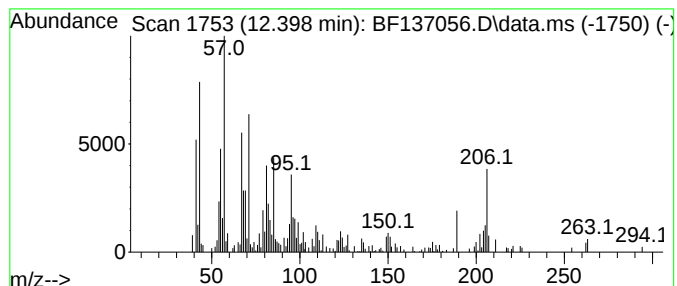
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.398	14.63 ng	237172	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	51
2	Octadecane		254	C18H38	000593-45-3	51
3	9,12-Octadecadienoic acid (Z,Z)-...		294	C19H34O2	000112-63-0	35
4	Tetratetracontane		619	C44H90	007098-22-8	30
5	Nonadecane		268	C19H40	000629-92-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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ClientSampleId :
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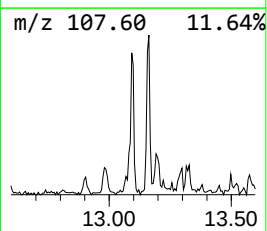
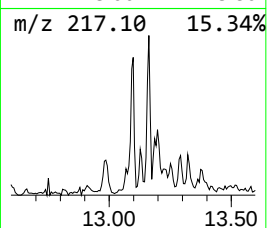
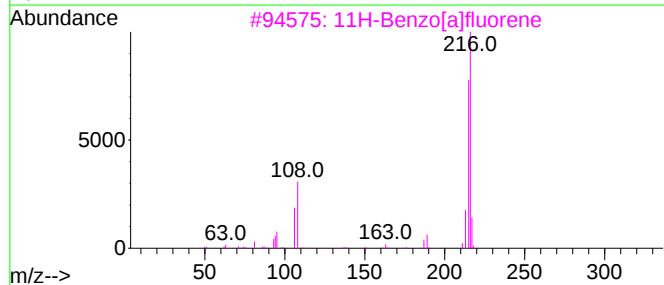
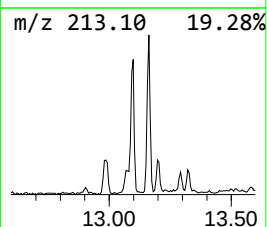
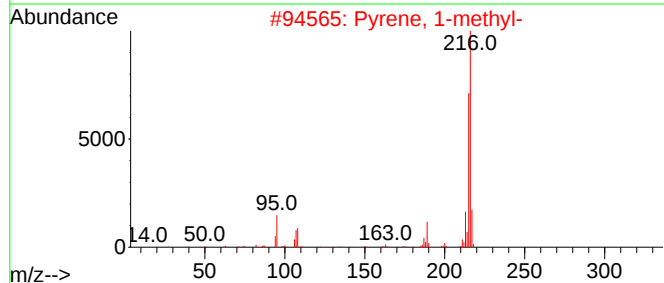
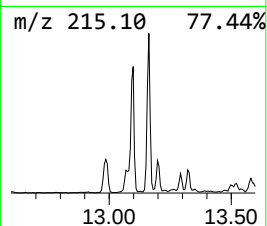
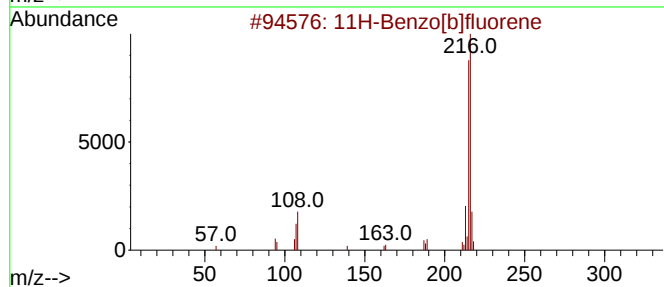
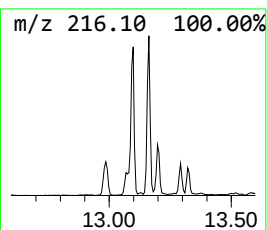
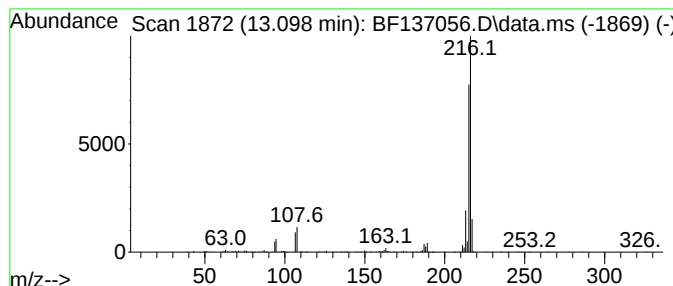
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	4.17 ng	291558	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5		2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
OK-01-11124

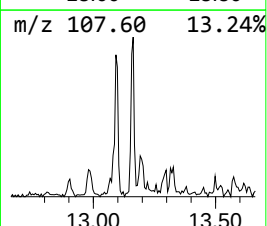
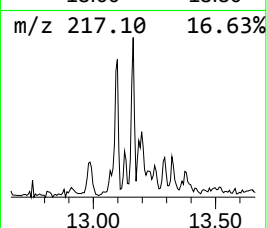
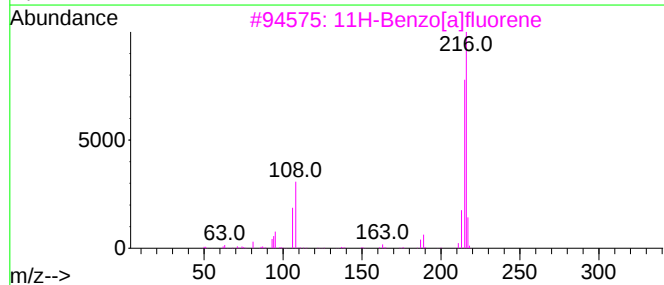
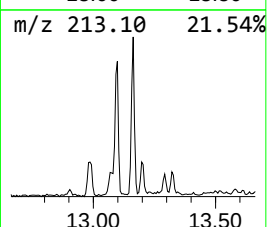
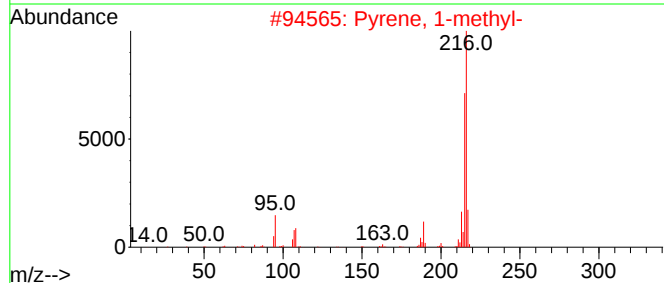
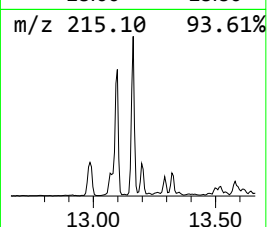
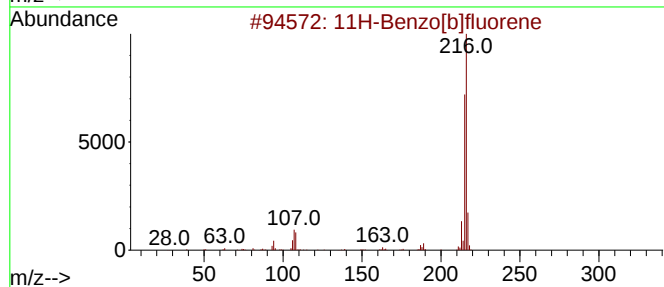
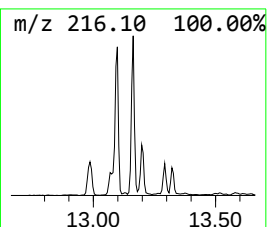
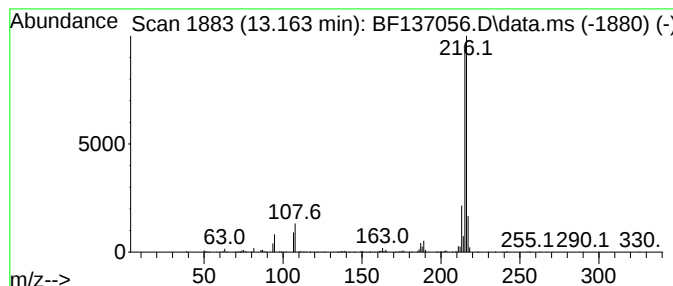
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.07 ng	284150	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-11124

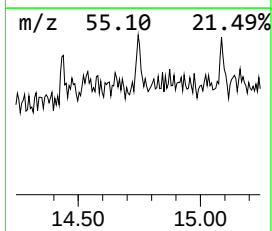
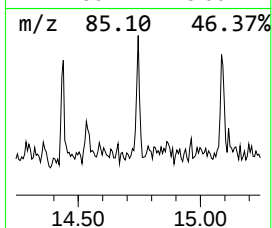
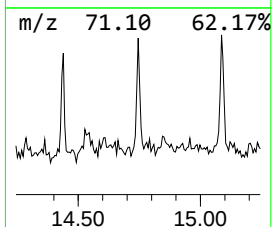
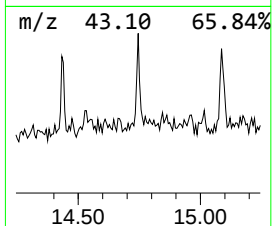
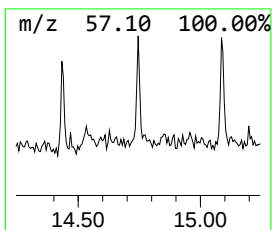
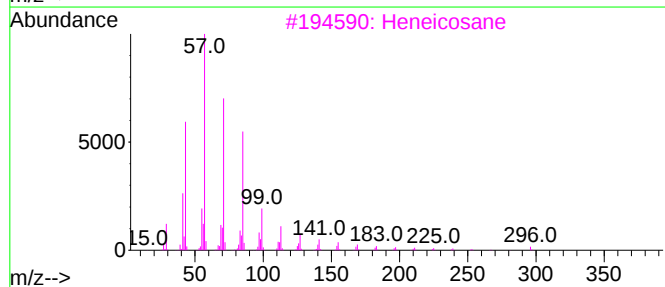
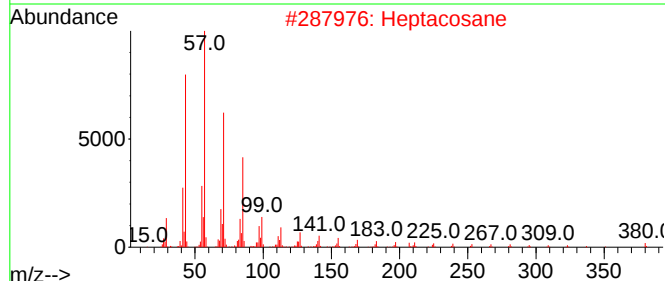
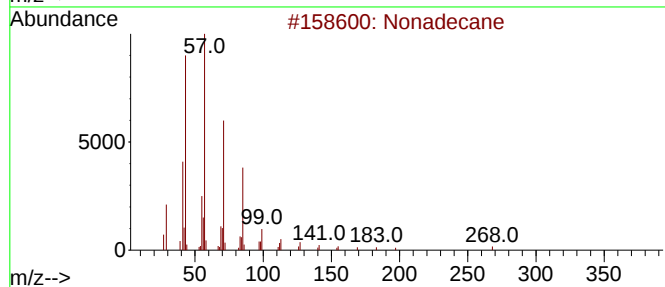
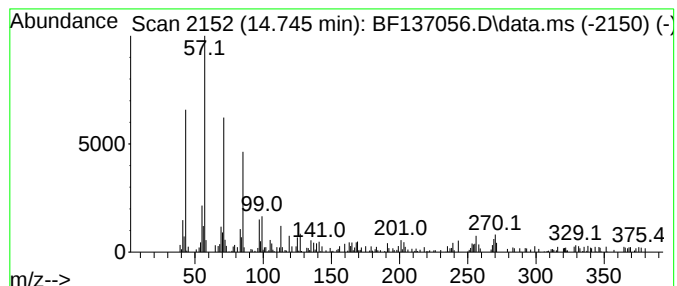
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.745	3.51 ng	55931	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Heptacosane	380	C27H56	000593-49-7	94
3		Heneicosane	296	C21H44	000629-94-7	93
4		Tetracosane	338	C24H50	000646-31-1	93
5		Octadecane	254	C18H38	000593-45-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-11124

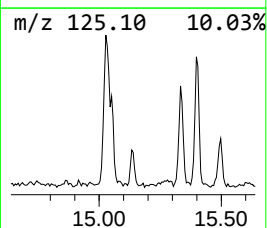
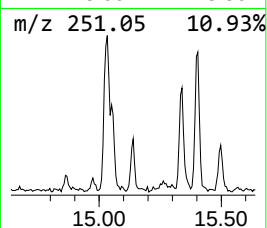
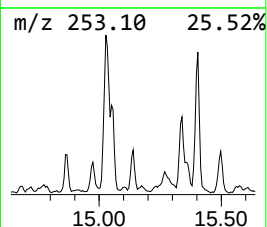
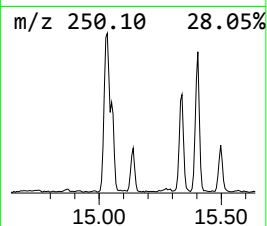
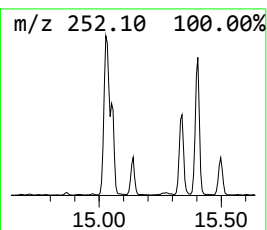
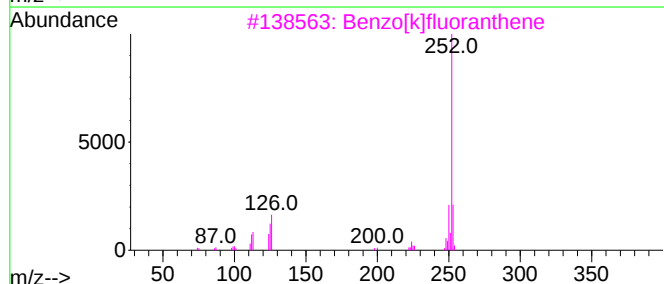
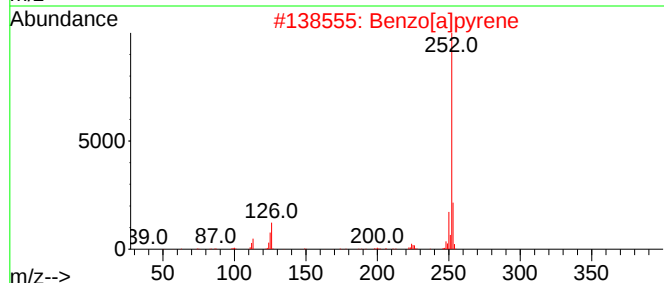
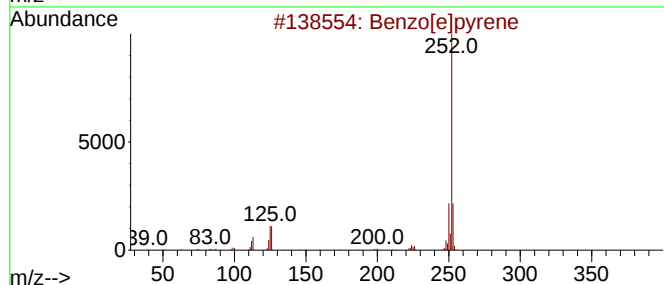
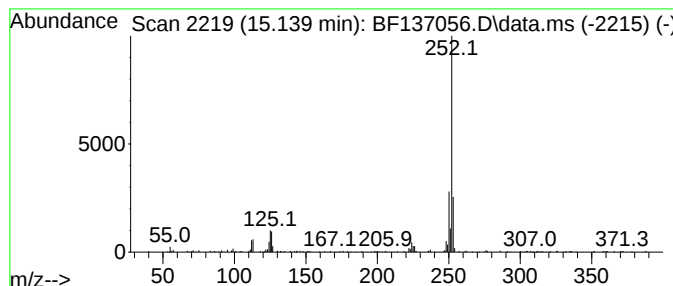
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	7.67 ng	122225	Perylene-d12	15.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-11124

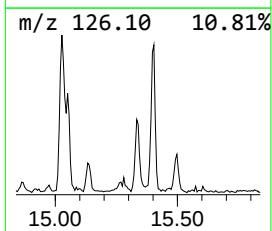
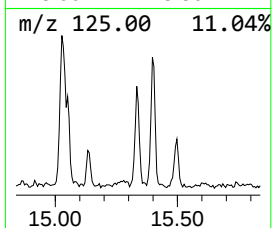
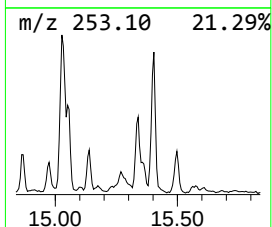
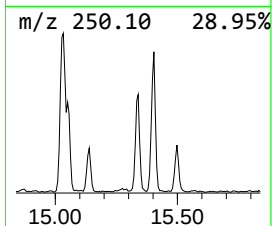
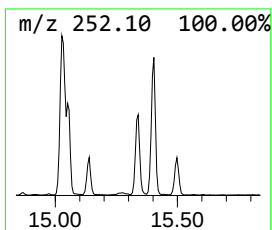
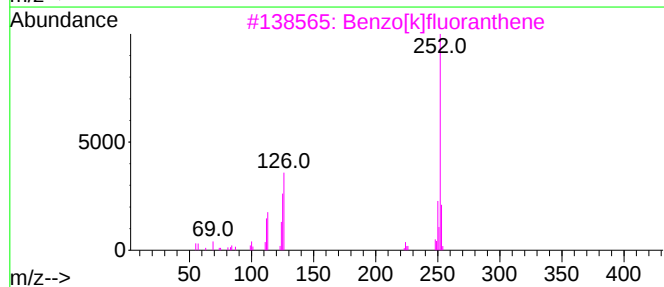
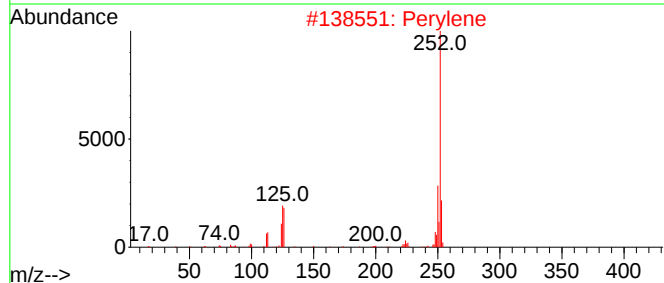
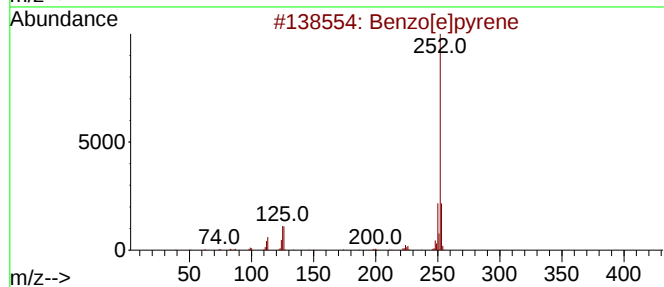
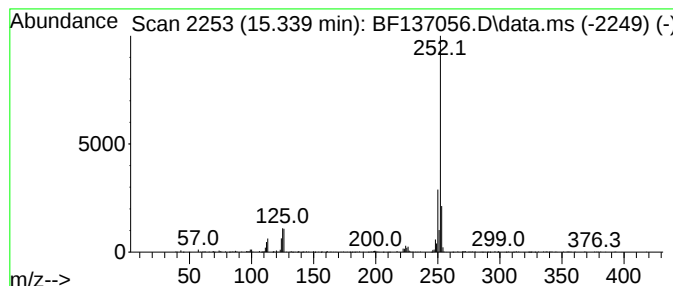
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	20.77 ng	330935	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5		Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137056.D
Acq On : 12 Jan 2024 18:54
Operator : CG\JU
Sample : P1107-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-11124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
unknown9.916	9.916	19.2	ng	364893	3	9.816	380198	20.0
Heptadecane	10.722	5.9	ng	94971	4	11.310	324120	20.0
9H-Fluorene, 1-...	10.916	4.8	ng	78046	4	11.310	324120	20.0
Octacosane	11.169	4.8	ng	77770	4	11.310	324120	20.0
Dibenzothiophene	11.204	8.1	ng	131960	4	11.310	324120	20.0
Naphthalene, 1-...	11.604	4.5	ng	73173	4	11.310	324120	20.0
Phenanthrene, 2...	11.816	9.0	ng	146455	4	11.310	324120	20.0
Anthracene, 2-m...	11.845	12.4	ng	201295	4	11.310	324120	20.0
1H-Indene, 2-ph...	11.892	5.5	ng	89040	4	11.310	324120	20.0
4H-Cyclopenta[d...	11.928	23.8	ng	385161	4	11.310	324120	20.0
Phenanthrene, 1...	11.951	3.6	ng	58289	4	11.310	324120	20.0
Pentadecane	12.010	5.3	ng	86110	4	11.310	324120	20.0
Naphthalene, 2-...	12.110	6.4	ng	104110	4	11.310	324120	20.0
Phenanthrene, 2...	12.369	4.6	ng	73868	4	11.310	324120	20.0
Hexadecane	12.398	14.6	ng	237172	4	11.310	324120	20.0
11H-Benzo[b]flu...	13.098	4.2	ng	291558	5	13.974	1396870	20.0
Pyrene, 1-methyl-	13.163	4.1	ng	284150	5	13.974	1396870	20.0
Nonadecane	14.745	3.5	ng	55931	6	15.463	318615	20.0
Benzo[e]pyrene	15.139	7.7	ng	122225	6	15.463	318615	20.0
Perylene	15.339	20.8	ng	330935	6	15.463	318615	20.0