

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126859.D
 Acq On : 11 Feb 2022 16:04
 Operator : CG\JU
 Sample : N1489-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

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-BF020922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126859.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	486	490	495	rVB	49103	56358	1.60%	0.149%
2	5.557	551	556	559	rBV	2400452	2341505	66.55%	6.181%
3	6.557	720	726	733	rBV	2435610	2502286	71.12%	6.606%
4	6.940	787	791	794	rVB	879246	689114	19.59%	1.819%
5	7.498	882	886	889	rBV	1775852	1734790	49.31%	4.580%
6	8.116	988	991	995	rBV	46325	46927	1.33%	0.124%
7	8.222	1005	1009	1011	rBV	1145217	925392	26.30%	2.443%
8	8.239	1011	1012	1015	rVB	60975	44228	1.26%	0.117%
9	8.934	1127	1130	1133	rBV	60283	46009	1.31%	0.121%
10	9.034	1143	1147	1150	rBV	57627	47673	1.35%	0.126%
11	9.298	1187	1192	1195	rBV	3269979	2874406	81.70%	7.588%
12	9.363	1200	1203	1206	rVV	49614	40811	1.16%	0.108%
13	9.633	1246	1249	1251	rBV	57073	54526	1.55%	0.144%
14	9.839	1281	1284	1288	rVB	56795	51569	1.47%	0.136%
15	9.981	1304	1308	1311	rVV	1178745	1012390	28.77%	2.673%
16	10.010	1311	1313	1316	rVB	127395	94011	2.67%	0.248%
17	10.181	1339	1342	1345	rVB2	114619	99268	2.82%	0.262%
18	10.292	1356	1361	1364	rBV2	47106	53070	1.51%	0.140%
19	10.386	1372	1377	1382	rVB4	64497	123516	3.51%	0.326%
20	10.528	1397	1401	1406	rVB2	109986	118044	3.36%	0.312%
21	10.680	1422	1427	1433	rVB2	74550	85328	2.43%	0.225%
22	10.769	1438	1442	1445	rBV	2148866	1858438	52.82%	4.906%
23	10.875	1458	1460	1465	rVB4	45785	66988	1.90%	0.177%
24	11.075	1487	1494	1496	rBV3	49872	79002	2.25%	0.209%
25	11.198	1511	1515	1517	rBV3	47458	49045	1.39%	0.129%
26	11.222	1517	1519	1524	rVB3	42590	49791	1.42%	0.131%
27	11.269	1524	1527	1531	rBV	163199	143071	4.07%	0.378%
28	11.322	1531	1536	1538	rBV4	72291	90287	2.57%	0.238%
29	11.363	1541	1543	1548	rVB	110767	101273	2.88%	0.267%
30	11.469	1557	1561	1563	rBV	1275162	1128529	32.08%	2.979%
31	11.492	1563	1565	1569	rVV	1821373	1590405	45.20%	4.198%
32	11.545	1569	1574	1576	rVB	389436	326843	9.29%	0.863%
33	11.645	1585	1591	1594	rVB3	41943	57393	1.63%	0.152%
34	11.698	1594	1600	1603	rBV2	219823	238227	6.77%	0.629%
35	11.798	1614	1617	1622	rVB3	66527	64801	1.84%	0.171%
36	11.969	1640	1646	1648	rBV	275989	266007	7.56%	0.702%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.998	1648	1651	1654	rVV	373192	340002	9.66%	0.898%
38	12.045	1656	1659	1662	rVB	104850	79360	2.26%	0.209%
39	12.080	1662	1665	1668	rBV2	282134	339087	9.64%	0.895%
40	12.104	1668	1669	1672	rVB	180085	99511	2.83%	0.263%
41	12.157	1673	1678	1679	rBV2	47208	57419	1.63%	0.152%
42	12.263	1693	1696	1698	rBV	170986	152951	4.35%	0.404%
43	12.286	1698	1700	1707	rVB	183185	168496	4.79%	0.445%
44	12.416	1717	1722	1724	rBV	66914	68056	1.93%	0.180%
45	12.445	1724	1727	1729	rVV2	66102	64126	1.82%	0.169%
46	12.469	1729	1731	1733	rVV2	55185	43790	1.24%	0.116%
47	12.522	1736	1740	1742	rVV2	142678	157291	4.47%	0.415%
48	12.557	1742	1746	1748	rVV3	79126	126621	3.60%	0.334%
49	12.604	1751	1754	1759	rVB	160171	164601	4.68%	0.435%
50	12.686	1764	1768	1771	rBV	2167226	1866534	53.05%	4.927%
51	12.810	1786	1789	1791	rBV2	47732	59866	1.70%	0.158%
52	12.839	1791	1794	1796	rVB	63605	54043	1.54%	0.143%
53	12.898	1801	1804	1805	rVV	383417	398090	11.31%	1.051%
54	12.916	1805	1807	1810	rVV	1670303	1447193	41.13%	3.820%
55	12.963	1813	1815	1820	rVB2	104322	106712	3.03%	0.282%
56	13.057	1827	1831	1837	rVB	3430600	3518303	100.00%	9.288%
57	13.127	1838	1843	1847	rBV3	124402	220811	6.28%	0.583%
58	13.216	1855	1858	1860	rBV4	89032	108968	3.10%	0.288%
59	13.239	1860	1862	1865	rVB2	141171	124926	3.55%	0.330%
60	13.274	1865	1868	1871	rBV	92069	89415	2.54%	0.236%
61	13.345	1876	1880	1883	rBV2	175655	189399	5.38%	0.500%
62	13.439	1893	1896	1898	rBV	76078	66200	1.88%	0.175%
63	13.469	1898	1901	1904	rBV2	77990	77648	2.21%	0.205%
64	13.533	1910	1912	1917	rVB5	25403	40483	1.15%	0.107%
65	13.616	1923	1926	1929	rBV2	118577	121791	3.46%	0.322%
66	13.745	1945	1948	1952	rVB	230593	208562	5.93%	0.551%
67	13.863	1963	1968	1970	rBV2	132155	171254	4.87%	0.452%
68	13.892	1970	1973	1975	rVV	139250	131620	3.74%	0.347%
69	13.910	1975	1976	1980	rVV2	91308	116337	3.31%	0.307%
70	13.951	1980	1983	1992	rVB2	359369	499218	14.19%	1.318%
71	14.110	2002	2010	2013	rBV3	1041748	1599764	45.47%	4.223%
72	14.139	2013	2015	2021	rVB	697073	626769	17.81%	1.655%
73	14.263	2033	2036	2040	rBV2	152662	150908	4.29%	0.398%
74	14.339	2045	2049	2052	rVB2	68279	96060	2.73%	0.254%
75	14.498	2072	2076	2079	rVB2	120977	132245	3.76%	0.349%
76	14.533	2079	2082	2085	rVV2	78021	71319	2.03%	0.188%

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77	14.568	2085	2088	2091	rVV	153231	157145	4.47%	0.415%
78	14.621	2094	2097	2100	rVV3	51869	59645	1.70%	0.157%
79	14.651	2100	2102	2106	rVV3	50774	51300	1.46%	0.135%
80	14.698	2106	2110	2115	rVB4	34028	55404	1.57%	0.146%
81	14.810	2125	2129	2133	rBV3	42174	67816	1.93%	0.179%
82	14.886	2139	2142	2149	rBV	118263	156295	4.44%	0.413%
83	14.992	2157	2160	2171	rVB3	42980	104337	2.97%	0.275%
84	15.174	2186	2191	2194	rBV	464662	694583	19.74%	1.834%
85	15.239	2199	2202	2207	rVV3	106104	131272	3.73%	0.347%
86	15.286	2207	2210	2215	rVB	78533	77826	2.21%	0.205%
87	15.386	2222	2227	2233	rBV5	34833	89039	2.53%	0.235%
88	15.492	2239	2245	2251	rVB	246364	344911	9.80%	0.911%
89	15.557	2251	2256	2262	rVB	365543	430995	12.25%	1.138%
90	15.621	2262	2267	2279	rBV2	488214	900583	25.60%	2.377%
91	16.098	2342	2348	2357	rVB2	59678	113287	3.22%	0.299%
92	16.633	2434	2439	2445	rVB2	42661	75954	2.16%	0.201%
93	16.980	2487	2498	2505	rBV6	39347	131854	3.75%	0.348%
94	17.157	2522	2528	2538	rVB2	166570	347413	9.87%	0.917%
95	17.262	2538	2546	2551	rBV4	32975	80609	2.29%	0.213%
96	17.345	2553	2560	2566	rBV2	39005	79079	2.25%	0.209%
97	17.409	2566	2571	2576	rBV3	30412	62928	1.79%	0.166%
98	17.621	2600	2607	2620	rVB	123628	263240	7.48%	0.695%
99	17.862	2644	2648	2657	rVB5	20380	41305	1.17%	0.109%
100	18.009	2666	2673	2682	rVB6	21876	56927	1.62%	0.150%

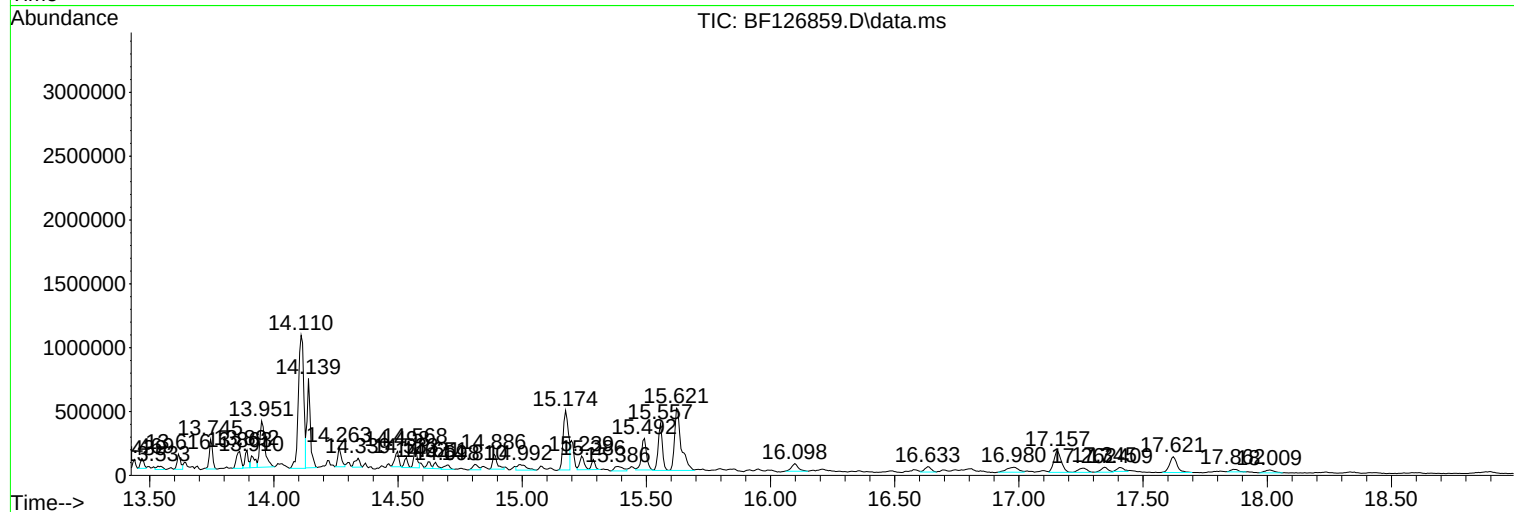
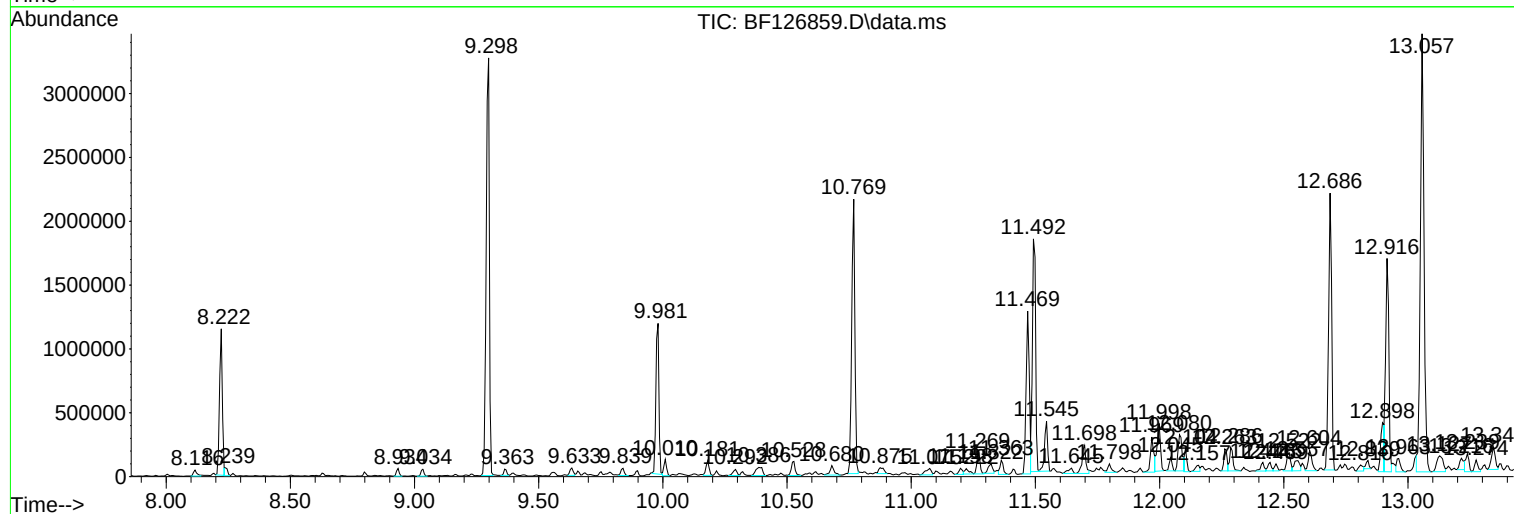
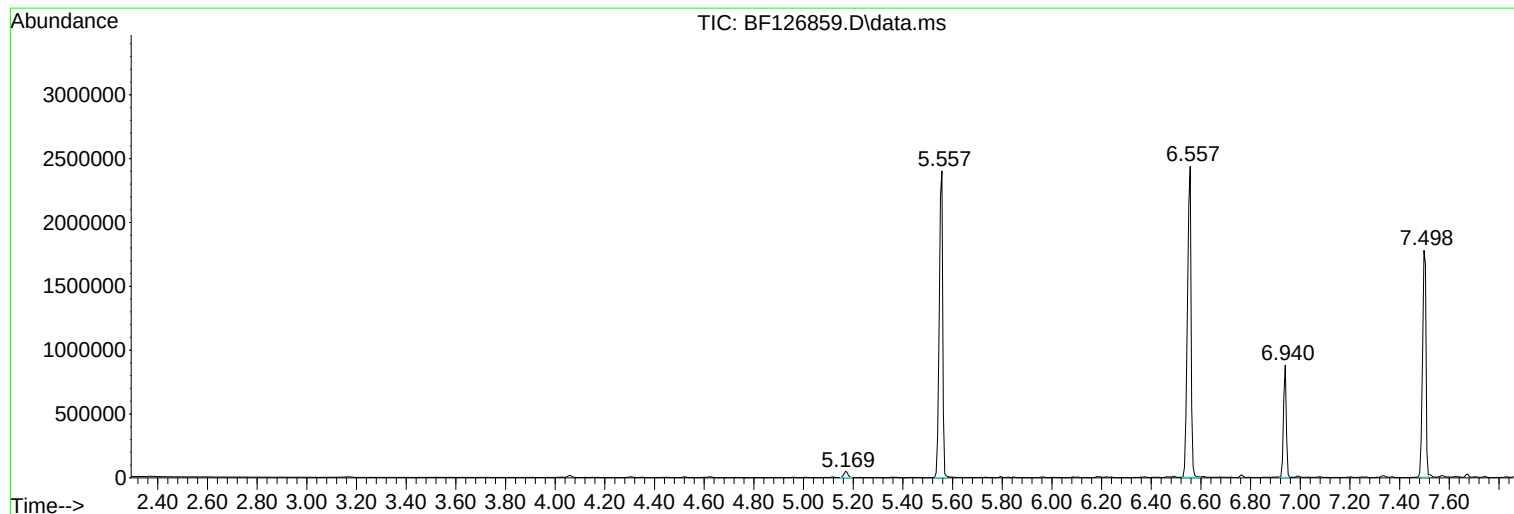
Sum of corrected areas: 37880817

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.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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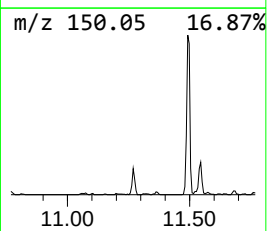
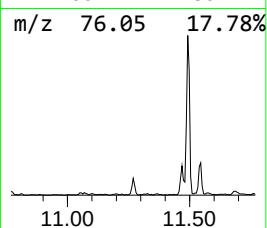
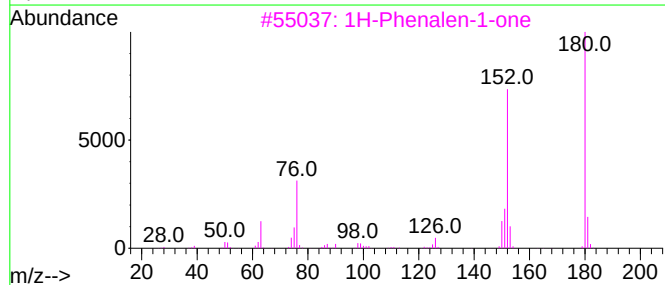
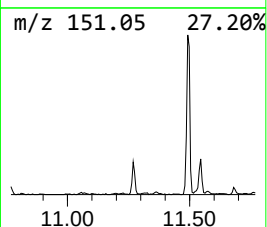
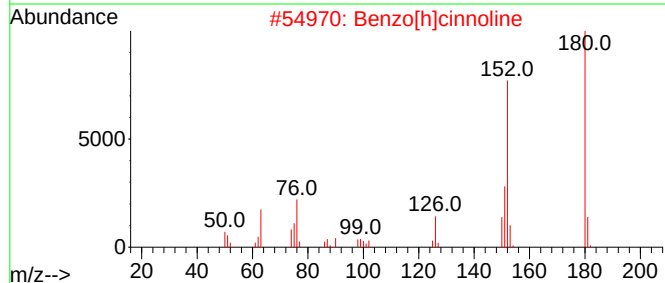
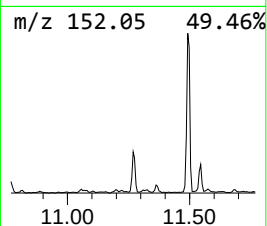
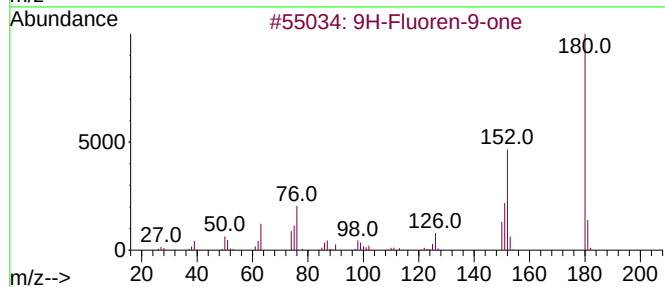
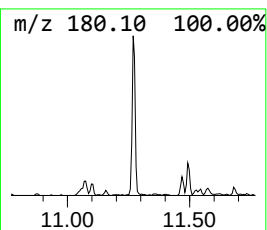
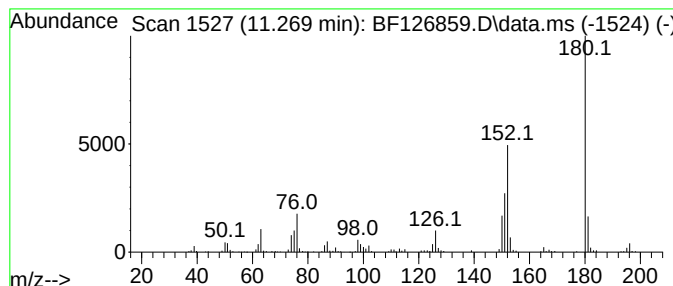
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.269	2.54 ng	143071	Phenanthrene-d10		11.469	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	98
2	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	87
3	1H-Phenalen-1-one		180	C13H8O	000548-39-0	83
4	1,1'-Biphenyl, 4-ethenyl-		180	C14H12	002350-89-2	58
5	2,3-Diazaphenanthrene		180	C12H8N2	000229-72-1	53



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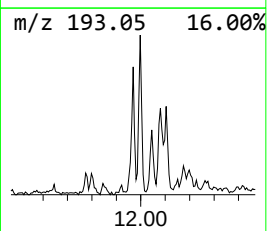
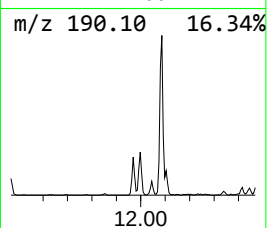
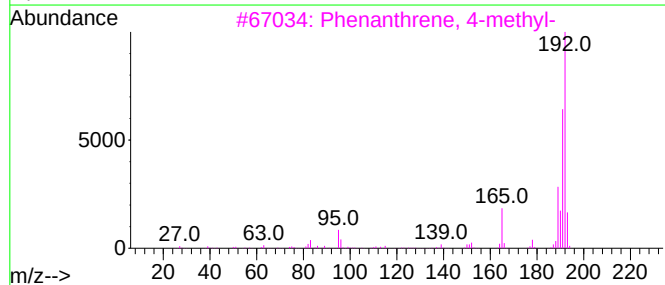
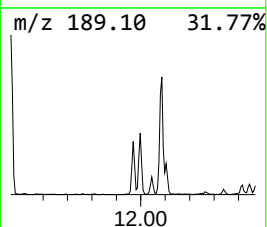
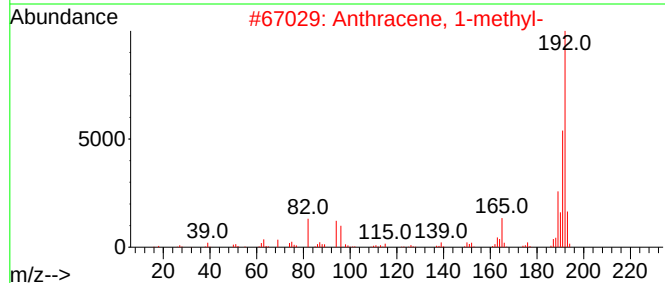
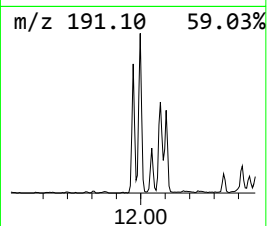
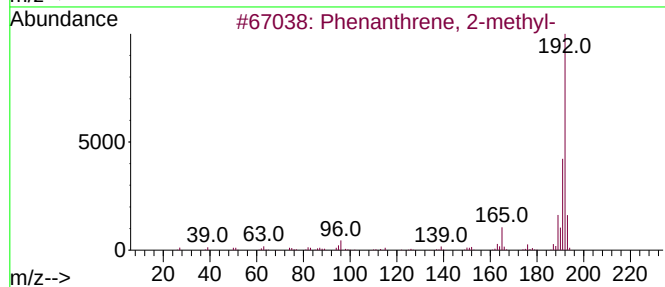
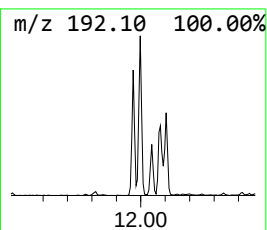
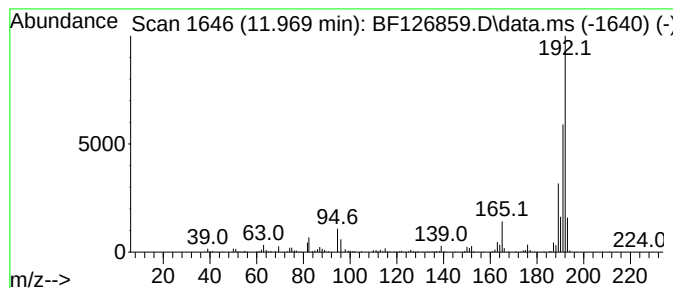
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	4.71 ng	266007	Phenanthrene-d10	11.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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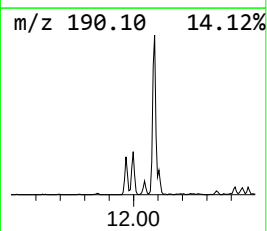
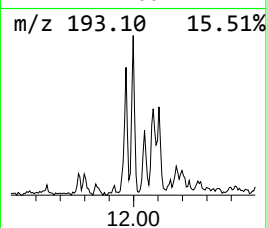
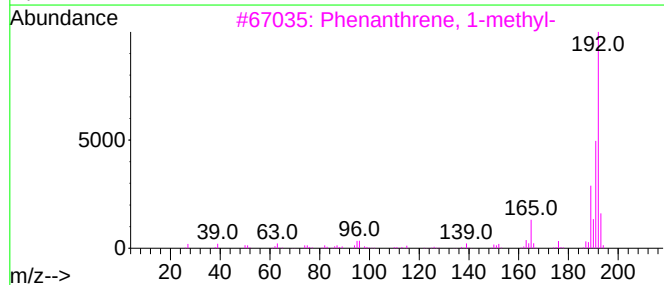
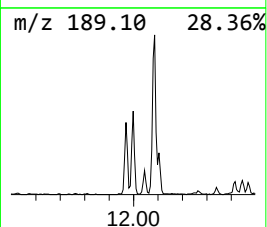
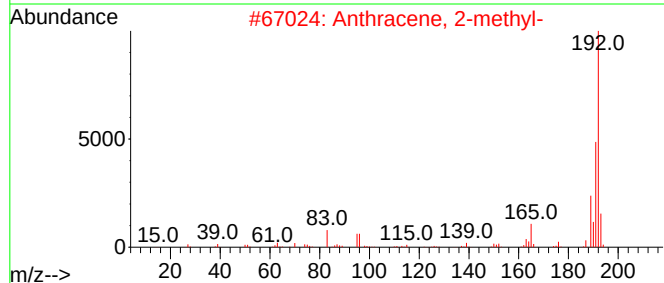
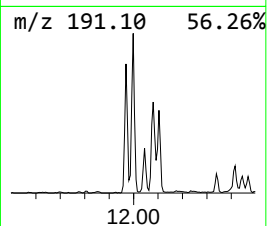
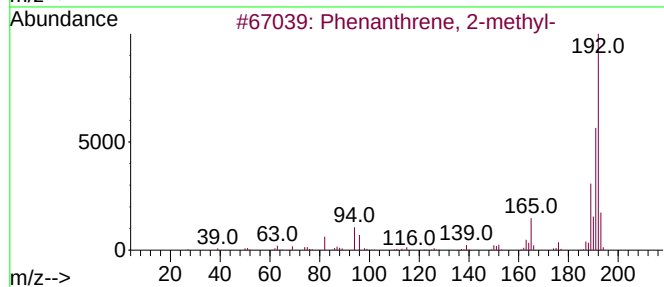
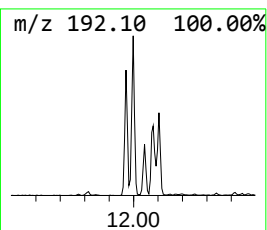
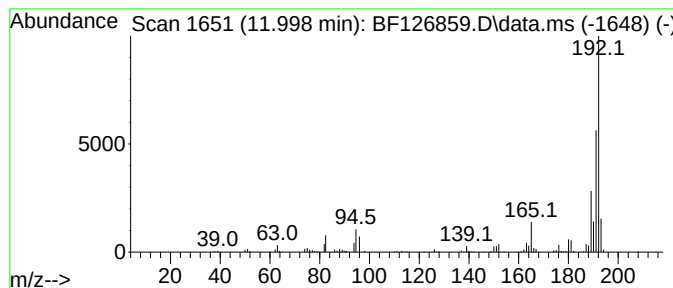
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	6.03 ng	340002	Phenanthrene-d10	11.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
Misc :
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Instrument :
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ClientSampleId :
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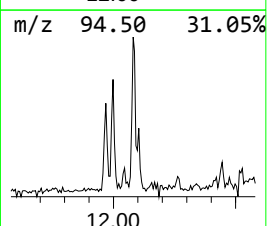
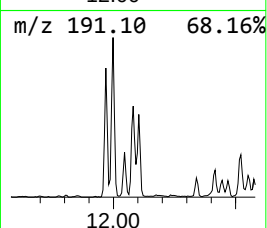
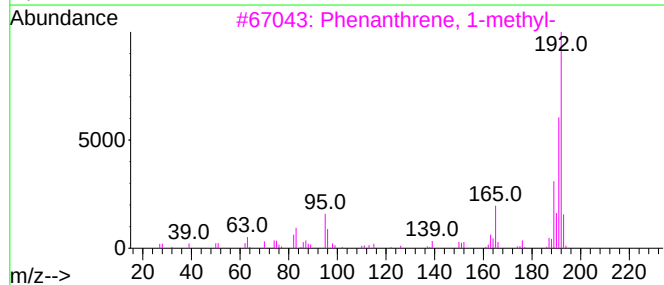
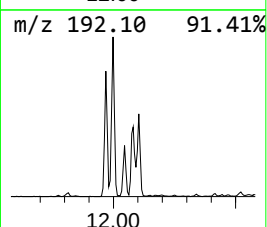
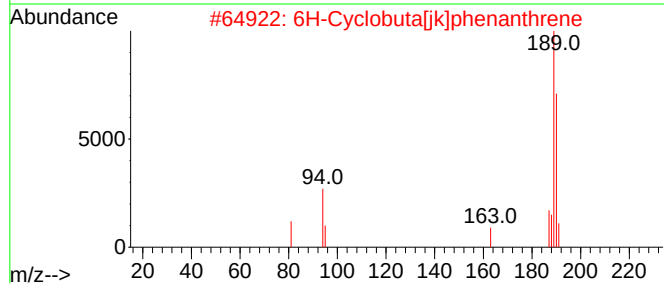
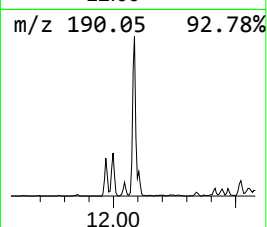
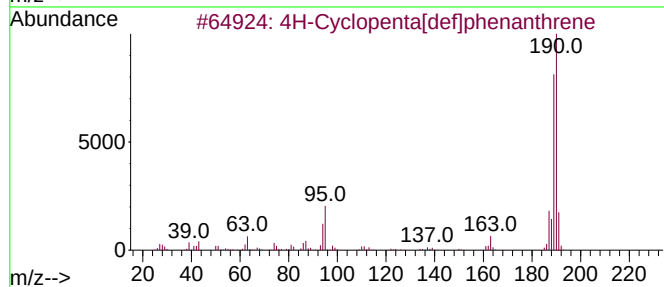
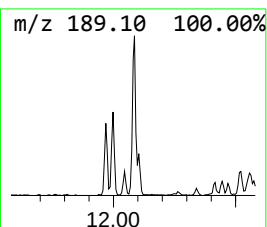
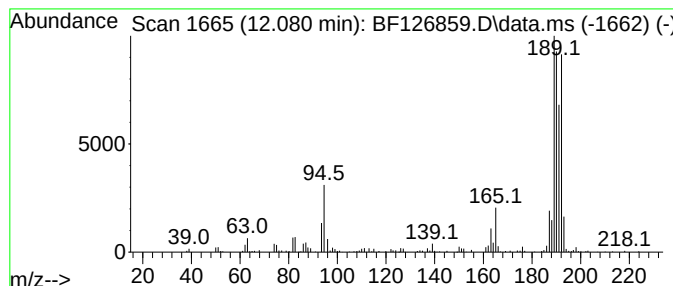
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	6.01 ng	339087	Phenanthrene-d10	11.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



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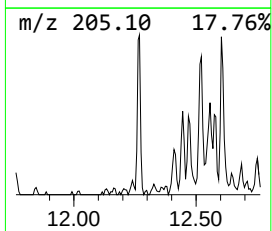
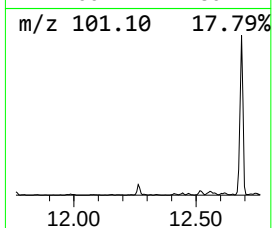
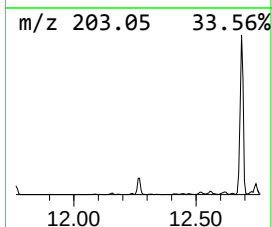
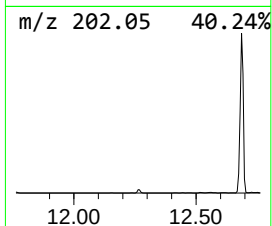
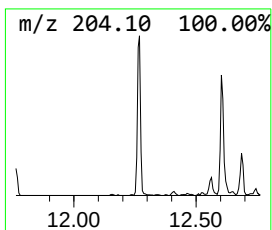
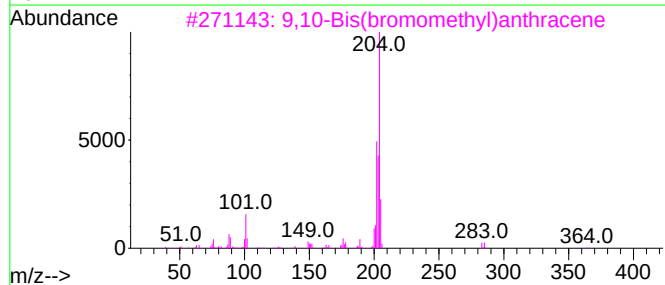
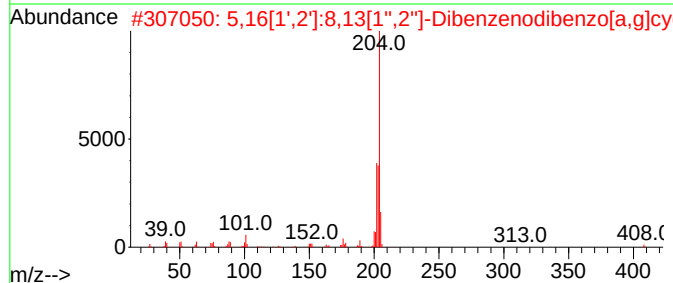
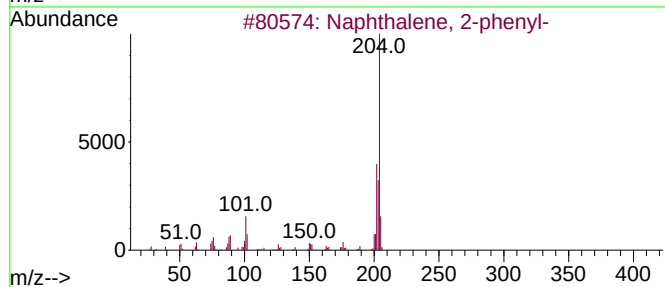
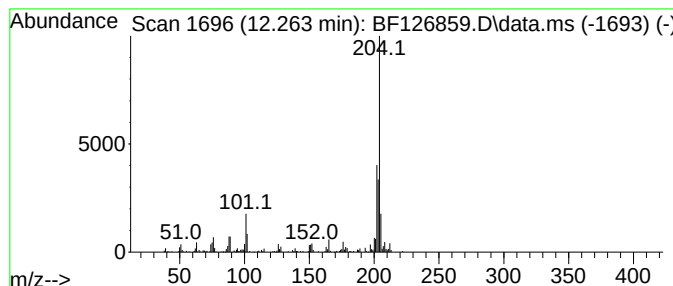
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	2.71 ng	152951	Phenanthrene-d10	11.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
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ClientSampleId :
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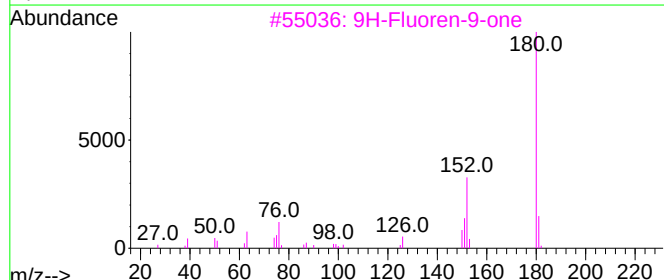
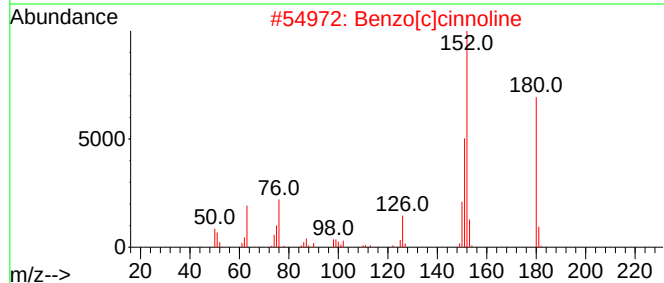
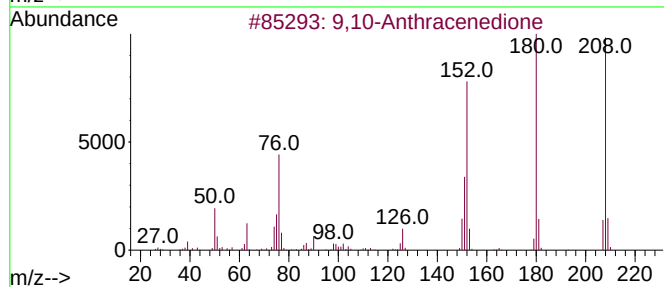
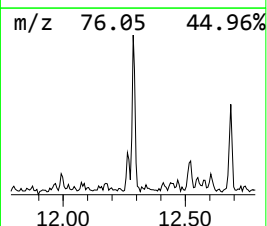
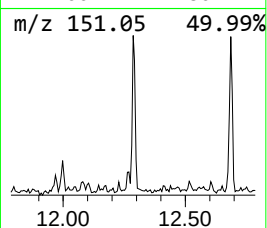
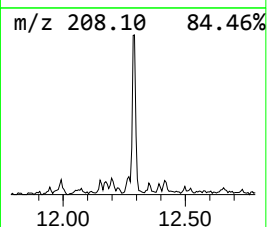
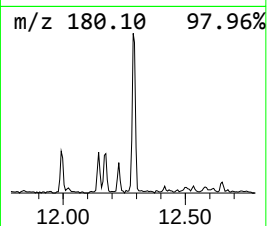
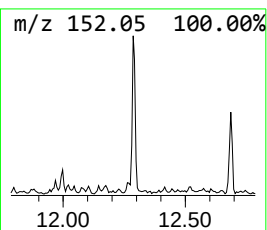
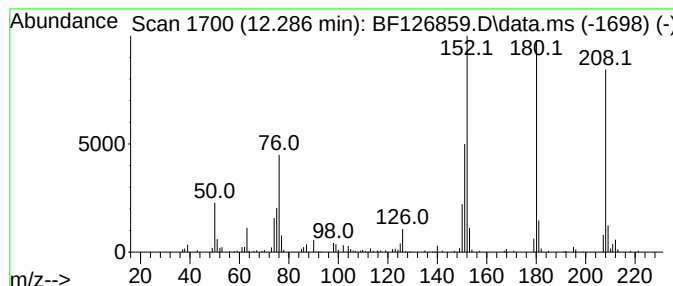
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.99 ng	168496	Phenanthrene-d10	11.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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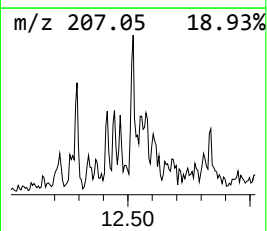
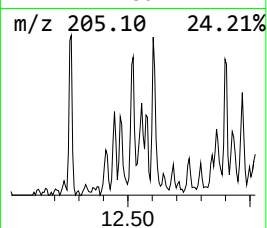
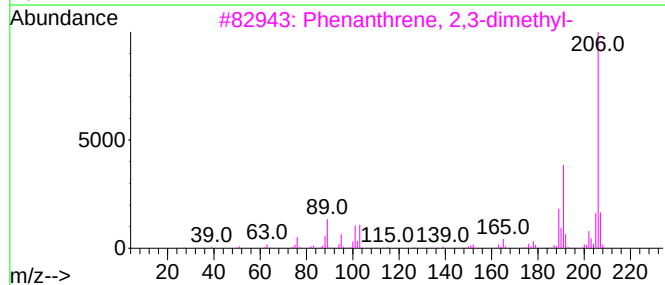
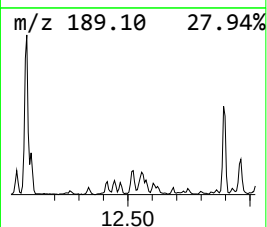
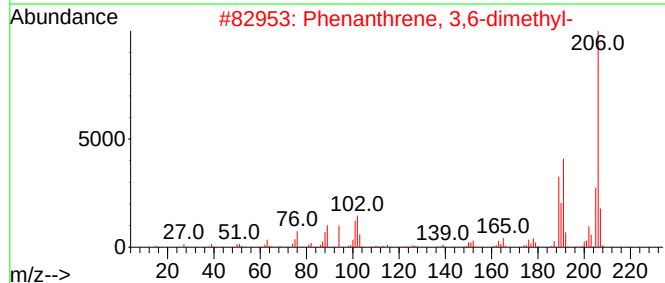
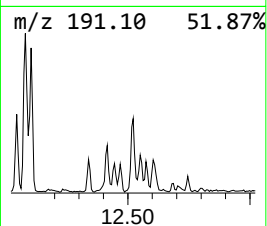
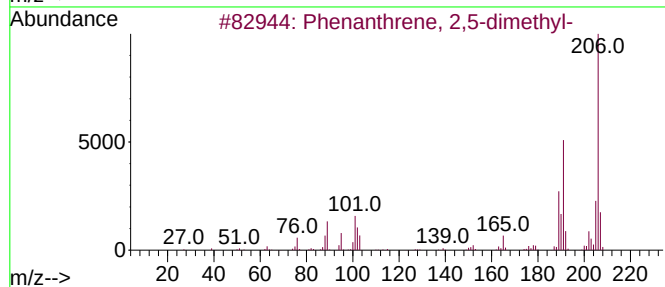
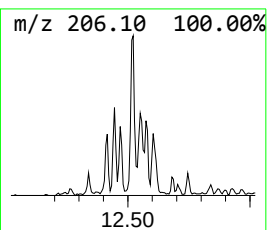
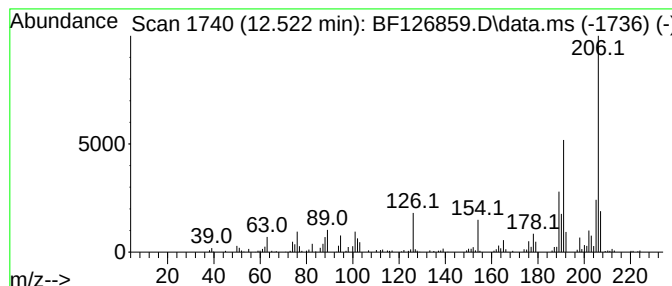
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.79 ng	157291	Phenanthrene-d10	11.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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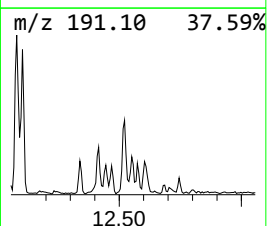
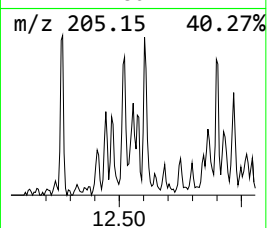
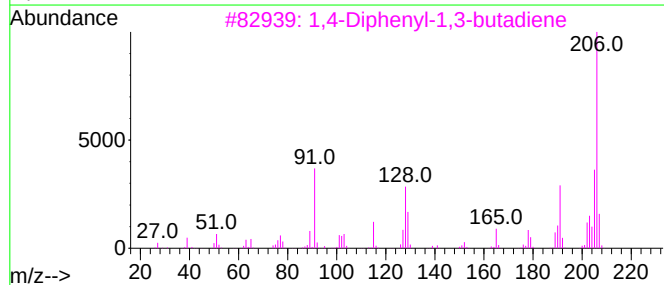
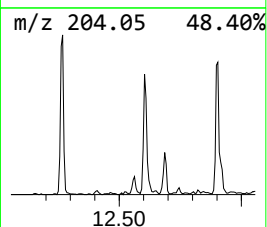
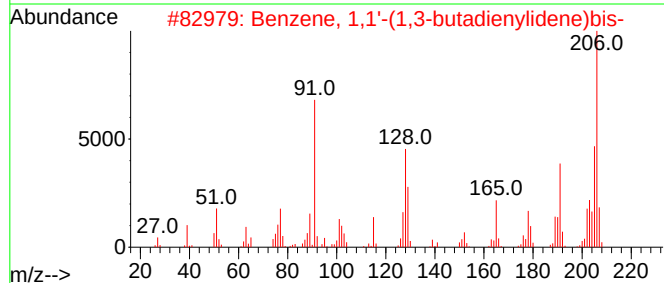
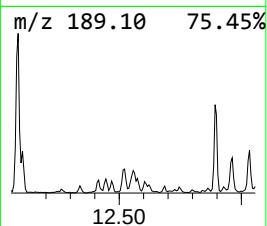
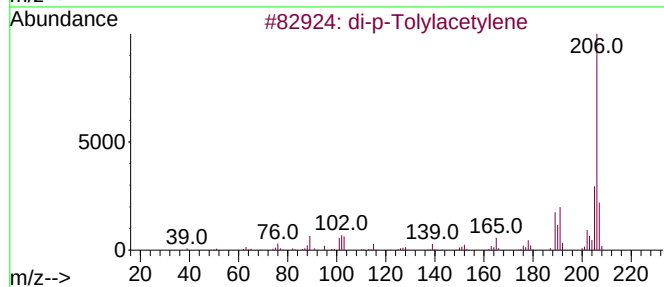
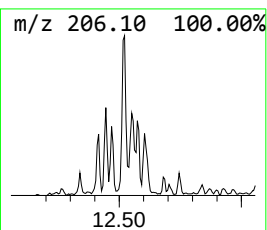
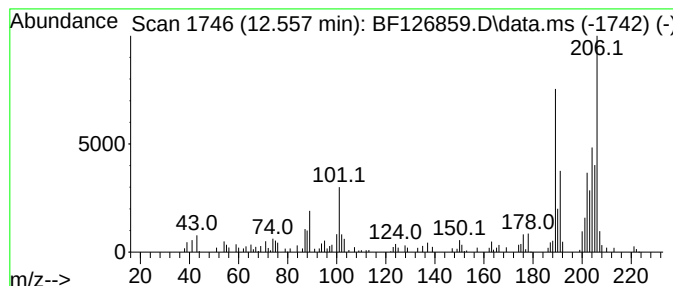
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.557 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	2.24 ng	126621	Phenanthrene-d10	11.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	43
2			Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	43
3			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
4			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
5			4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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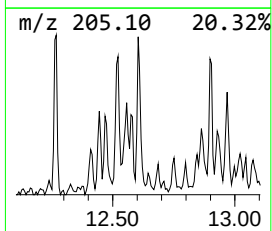
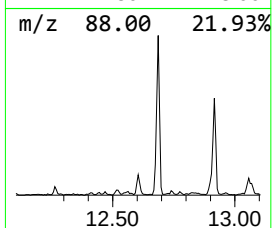
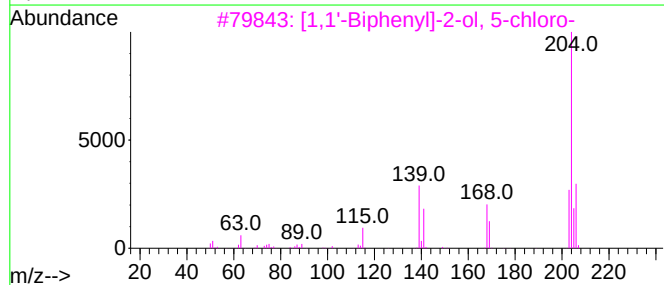
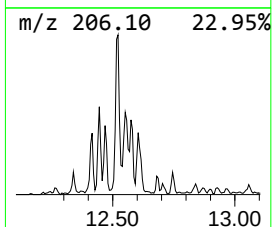
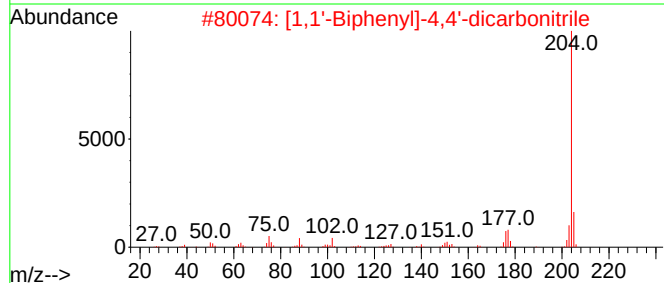
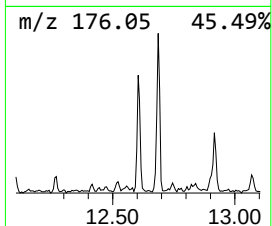
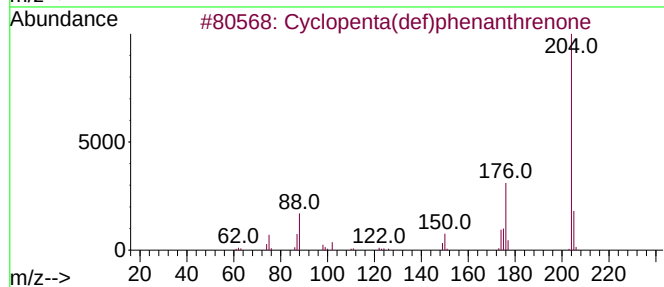
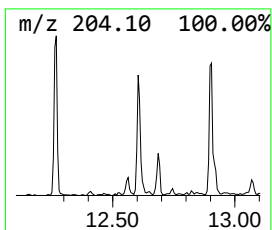
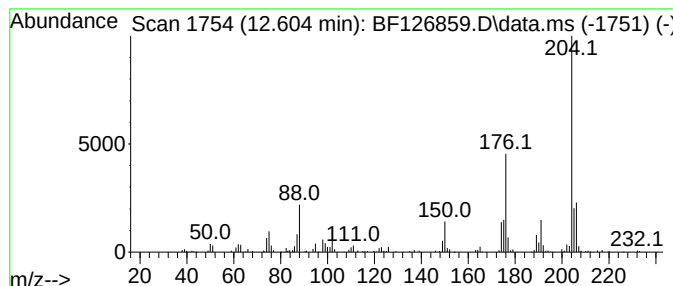
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.92 ng	164601	Phenanthrene-d10	11.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	38
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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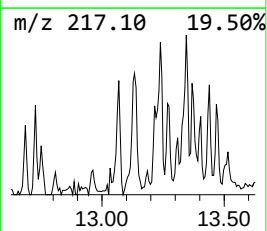
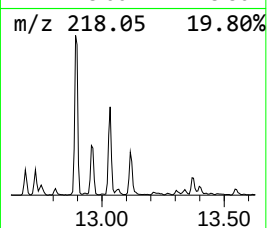
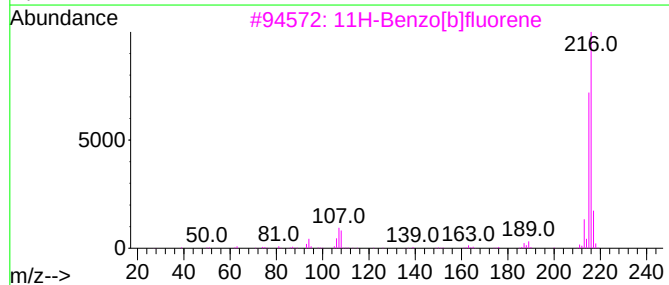
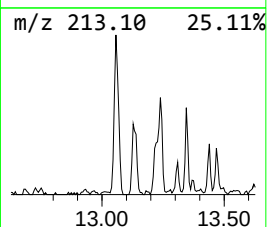
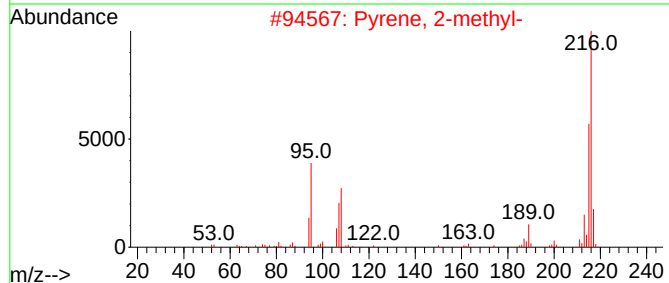
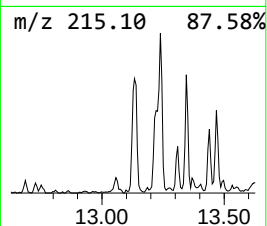
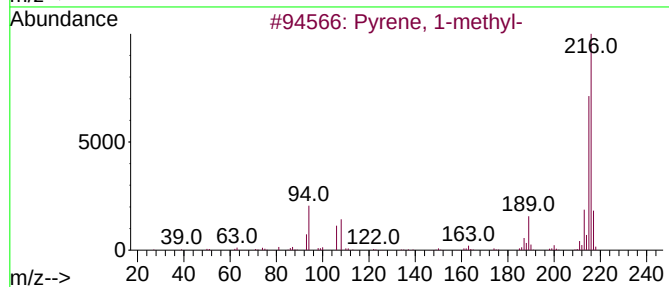
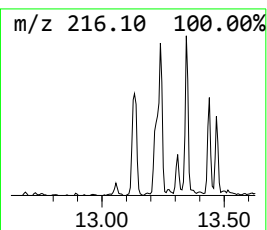
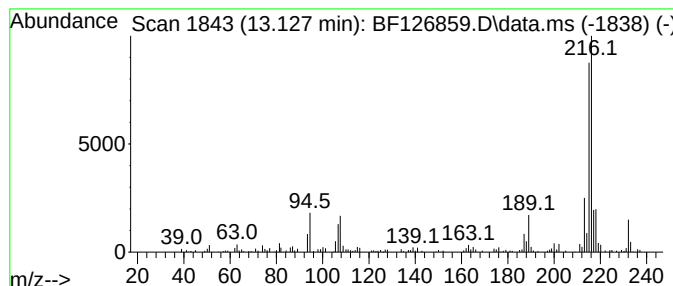
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.127	2.76 ng	220811	Chrysene-d12		14.116	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-		216	C17H12	003442-78-2	91
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	70
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

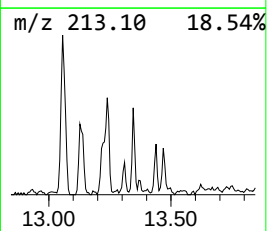
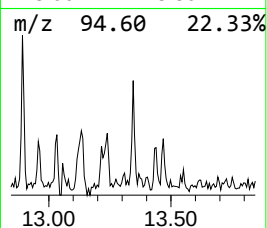
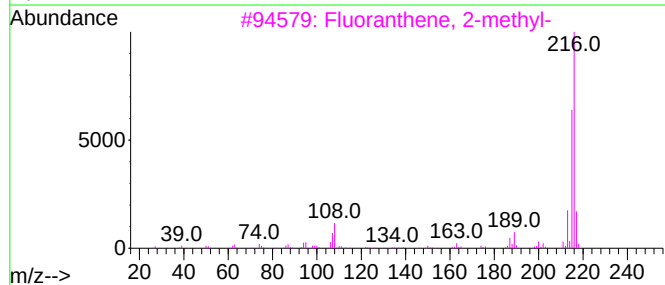
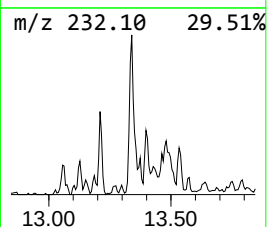
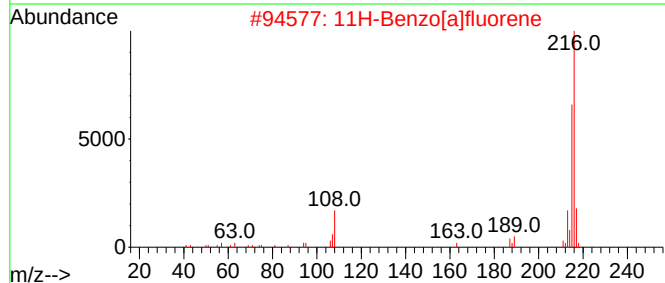
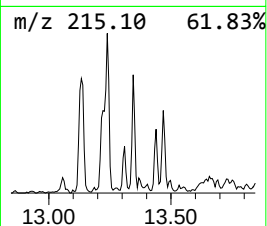
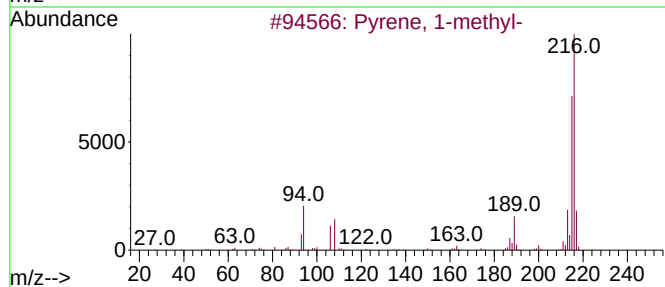
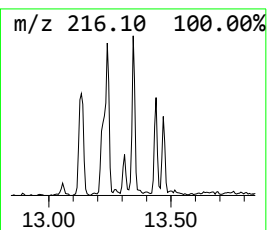
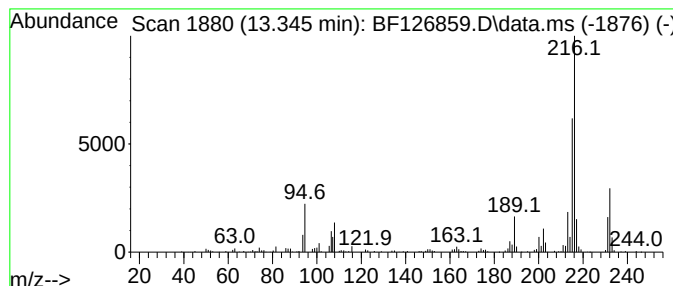
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	2.37 ng	189399	Chrysene-d12	14.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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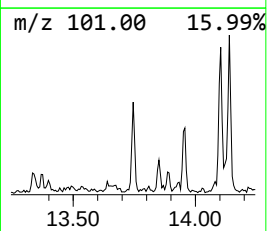
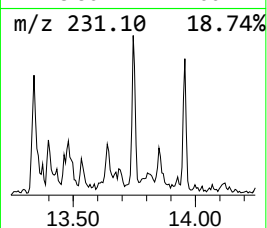
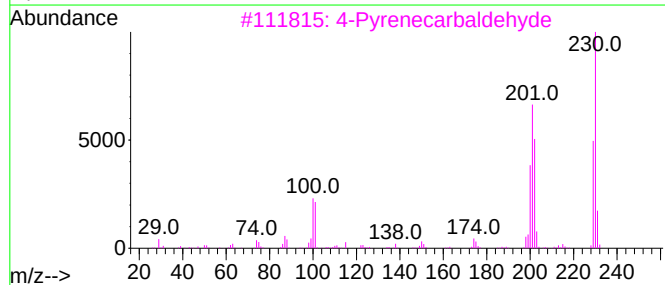
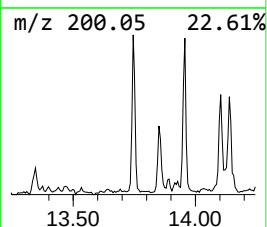
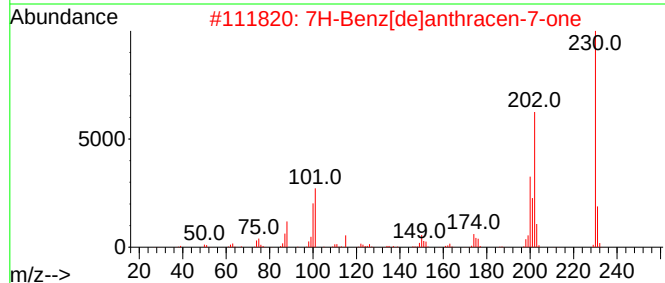
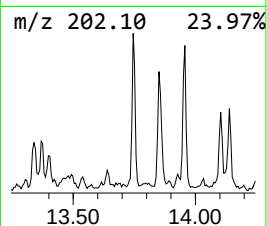
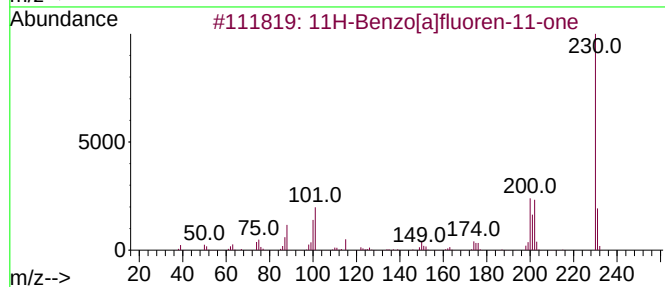
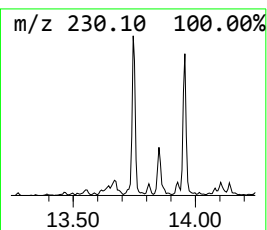
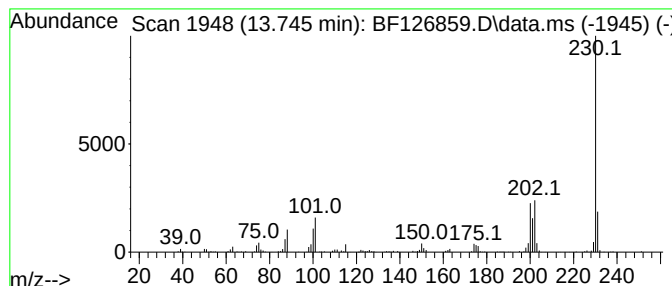
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	2.61 ng	208562	Chrysene-d12	14.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

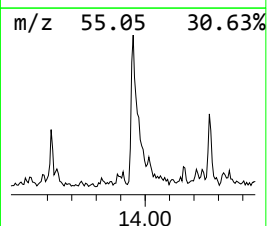
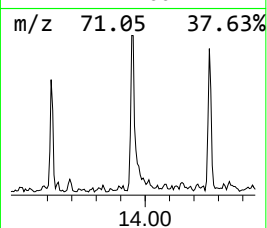
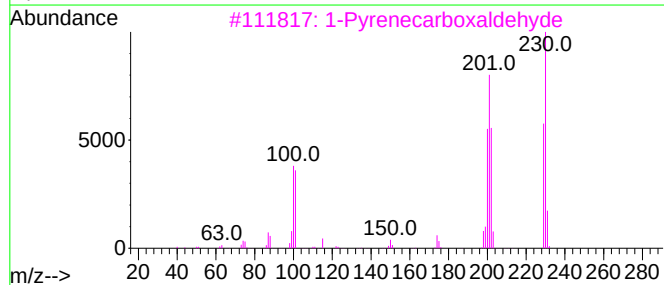
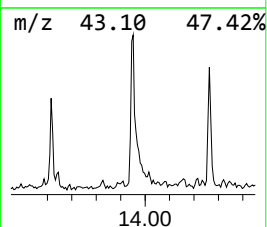
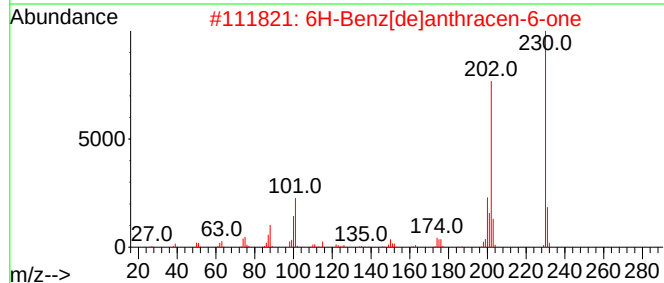
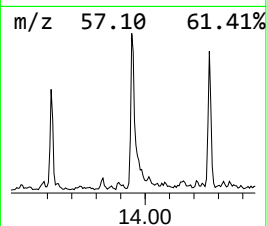
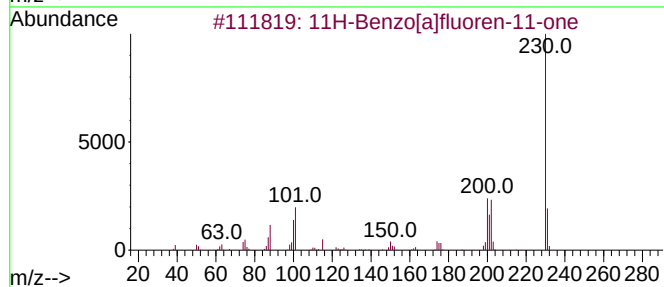
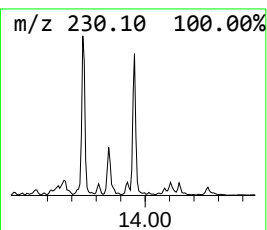
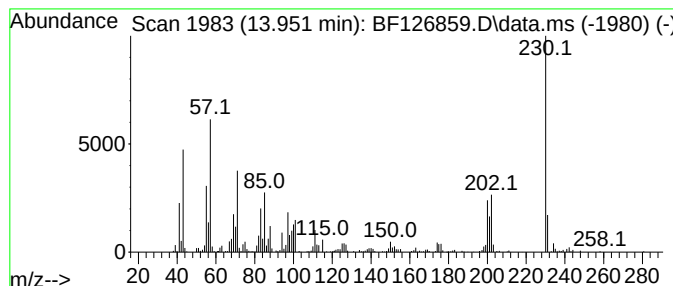
Instrument :
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ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 6H-Benz[de]anthracen-6-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.951	6.24 ng	499218	Chrysene-d12	14.116	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	58
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	52
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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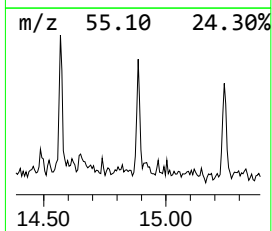
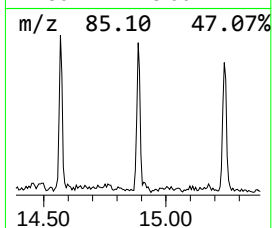
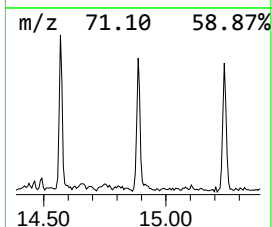
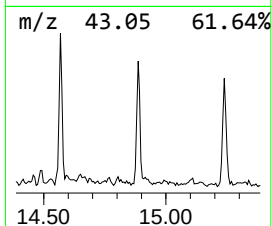
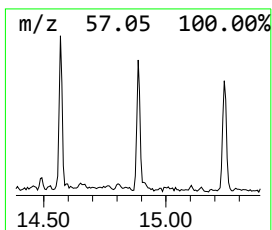
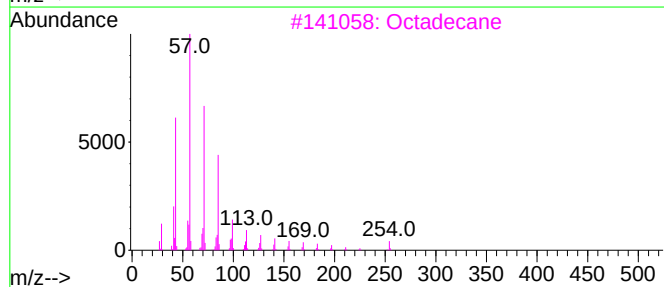
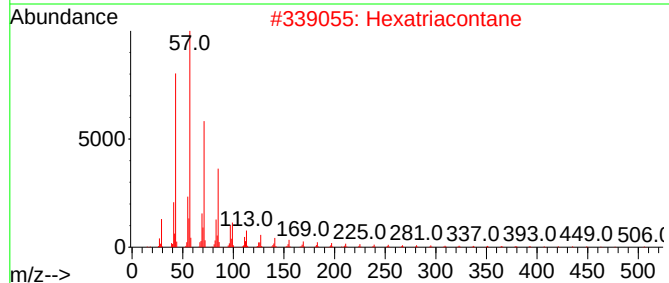
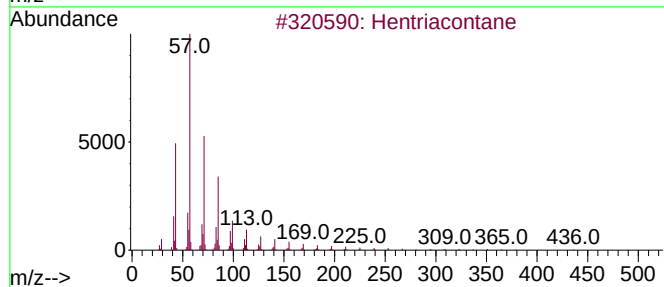
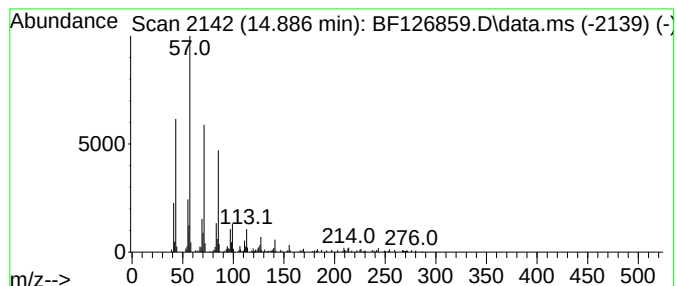
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.886	3.47 ng	156295	Perylene-d12	15.621	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
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Sample : N1489-02
Misc :
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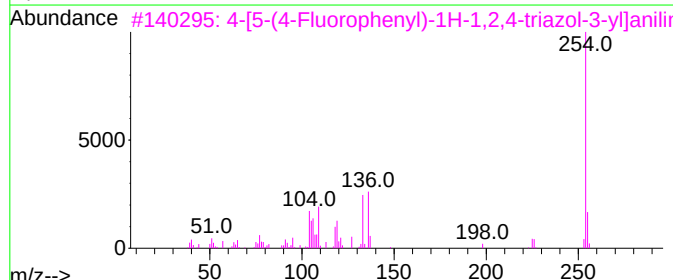
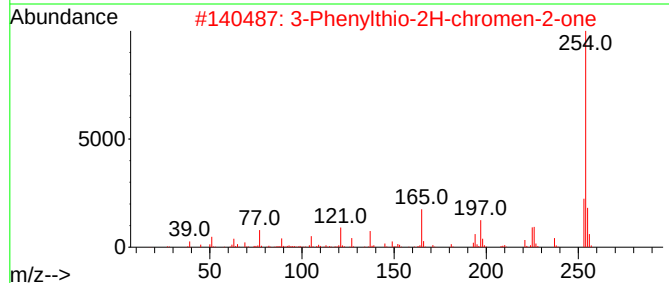
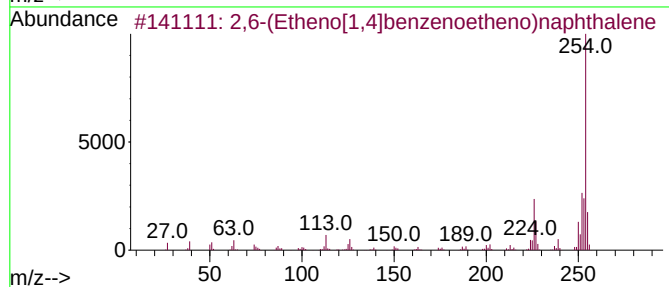
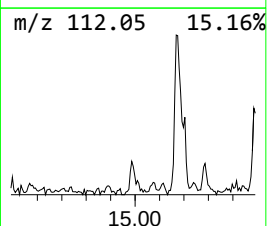
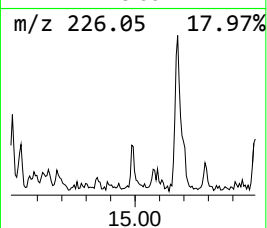
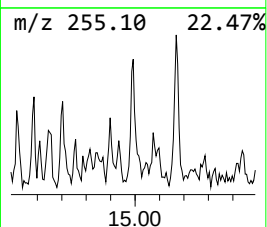
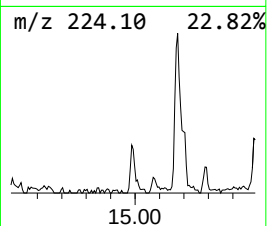
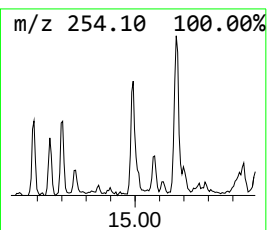
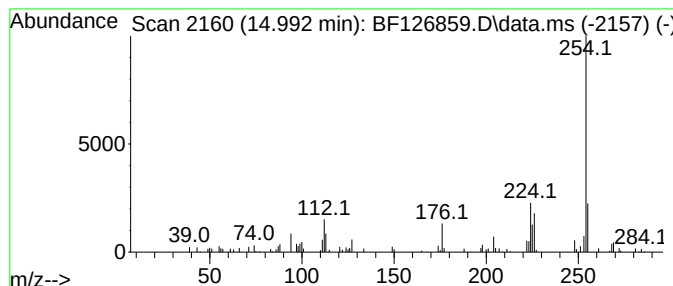
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.992	2.32 ng	104337	Perylene-d12	15.621	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	50
3	4-[5-(4-Fluorophenyl)-1H-1,2,4-t...	254	C14H11FN4	1000387-34-8	47
4	Chrysin	254	C15H10O4	000480-40-0	43
5	5,7-Dihydroxy-4-phenylcoumarin	254	C15H10O4	007758-73-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
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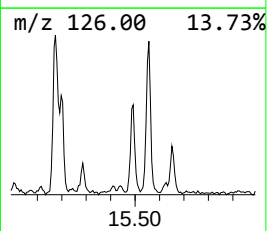
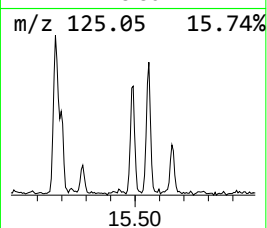
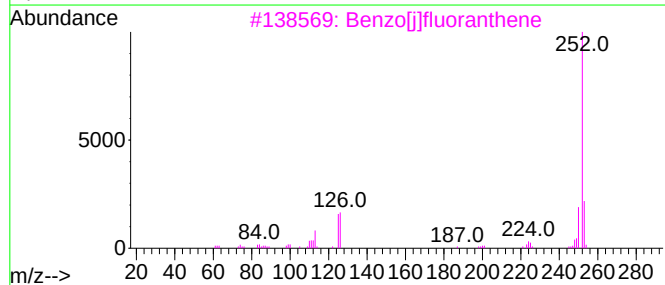
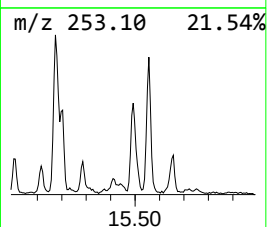
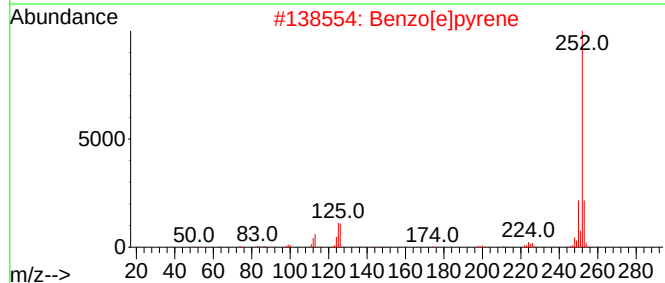
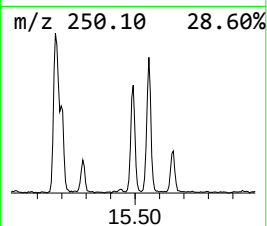
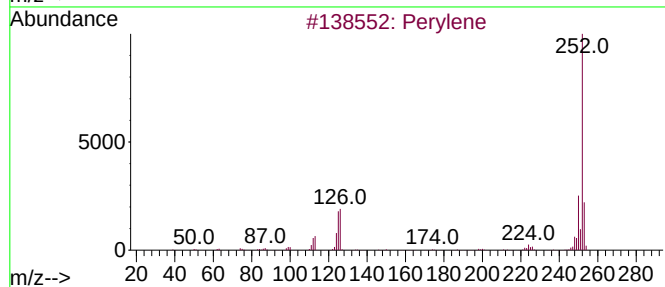
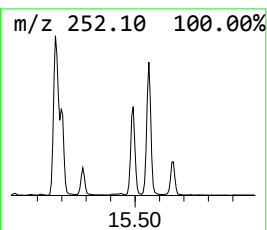
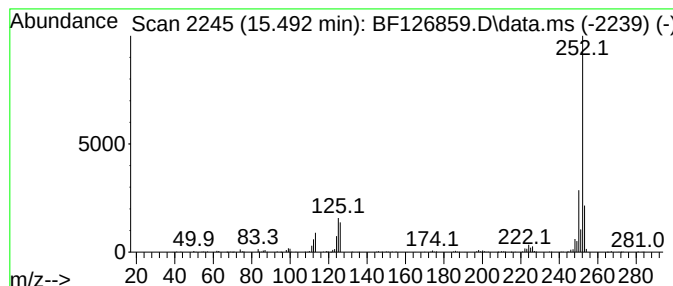
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	7.66 ng	344911	Perylene-d12	15.621

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
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ALS Vial : 7 Sample Multiplier: 1

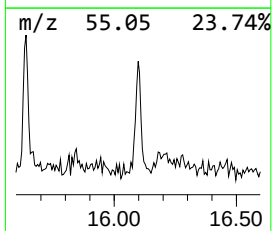
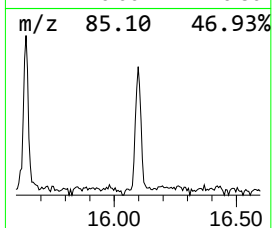
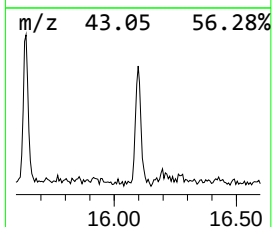
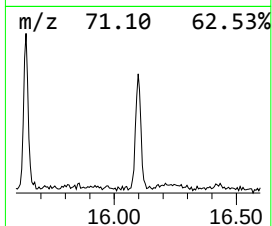
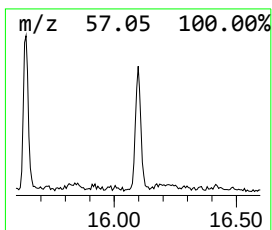
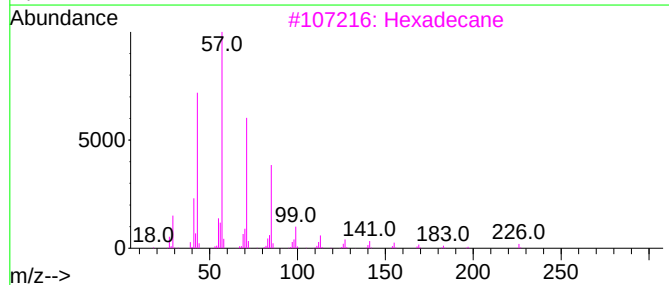
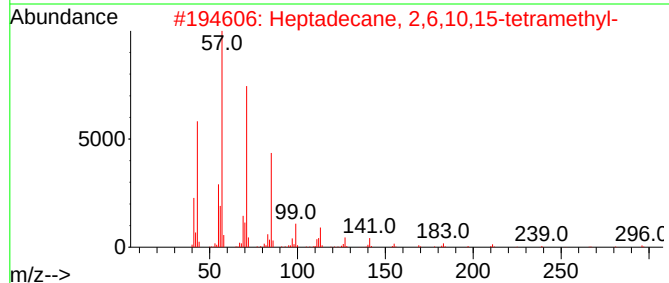
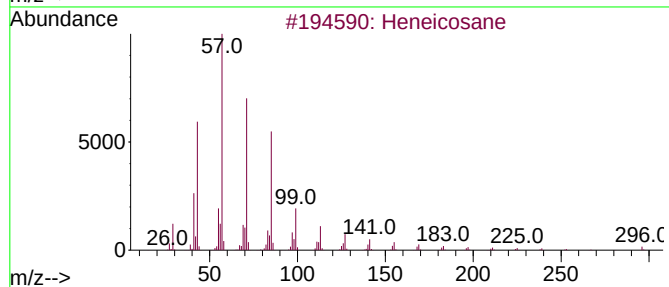
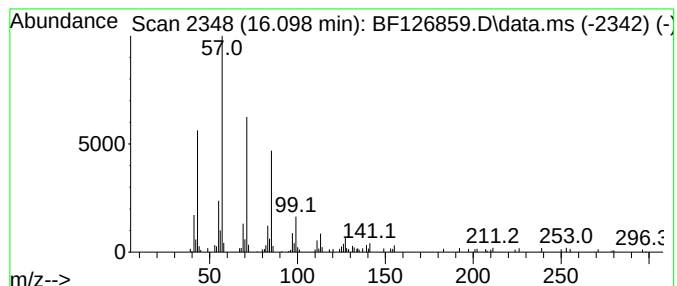
Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.098	2.52 ng	113287	Perylene-d12	15.621	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126859.D
Acq On : 11 Feb 2022 16:04
Operator : CG\JU
Sample : N1489-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

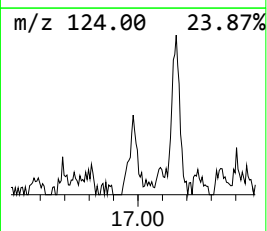
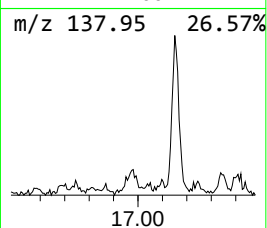
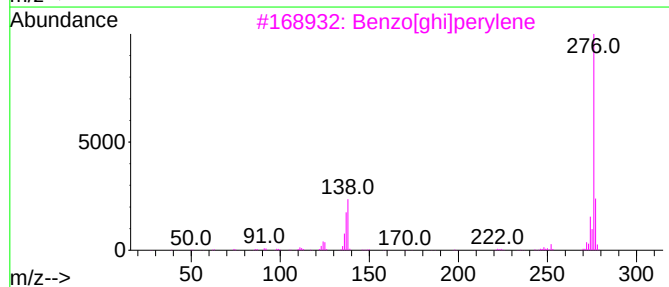
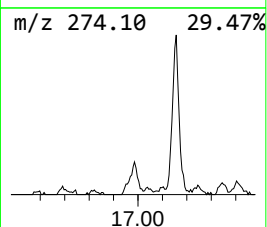
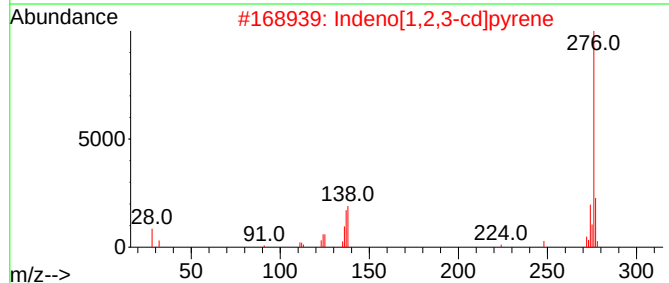
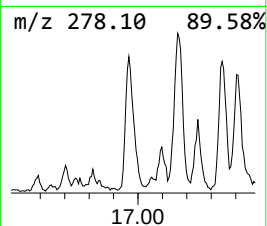
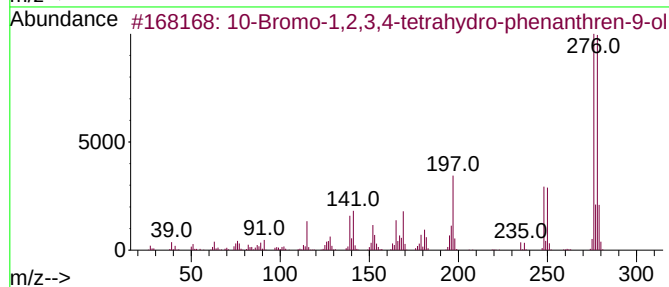
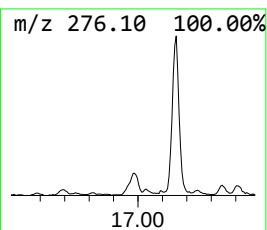
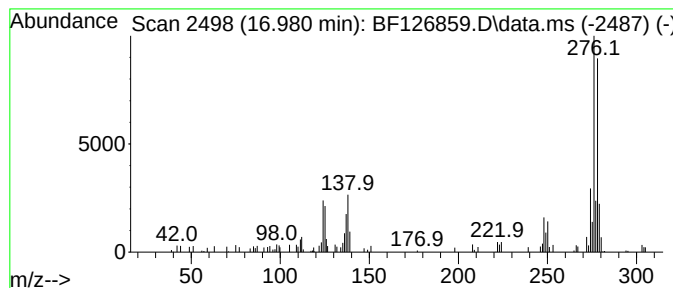
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	2.93 ng	131854	Perylene-d12	15.621

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	74
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	46
4		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	45
5		Phenol, 2-(4-chlorophenylimino...	276	C13H9ClN2O3	1000262-90-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126859.D
 Acq On : 11 Feb 2022 16:04
 Operator : CG\JU
 Sample : N1489-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.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
9H-Fluoren-9-one	11.269	2.5	ng	143071	4	11.469	1128530	20.0
Phenanthrene, 2...	11.969	4.7	ng	266007	4	11.469	1128530	20.0
Anthracene, 2-m...	11.998	6.0	ng	340002	4	11.469	1128530	20.0
4H-Cyclopenta[d...	12.080	6.0	ng	339087	4	11.469	1128530	20.0
Naphthalene, 2-...	12.263	2.7	ng	152951	4	11.469	1128530	20.0
9,10-Anthracene...	12.286	3.0	ng	168496	4	11.469	1128530	20.0
Phenanthrene, 2...	12.522	2.8	ng	157291	4	11.469	1128530	20.0
unknown12.557	12.557	2.2	ng	126621	4	11.469	1128530	20.0
Cyclopenta(def)...	12.604	2.9	ng	164601	4	11.469	1128530	20.0
Pyrene, 1-methyl-	13.127	2.8	ng	220811	5	14.116	1599760	20.0
11H-Benzo[a]flu...	13.345	2.4	ng	189399	5	14.116	1599760	20.0
11H-Benzo[a]flu...	13.745	2.6	ng	208562	5	14.116	1599760	20.0
6H-Benz[de]anth...	13.951	6.2	ng	499218	5	14.116	1599760	20.0
Hentriacontane	14.886	3.5	ng	156295	6	15.621	900583	20.0
2,6-(Etheno[1,4...	14.992	2.3	ng	104337	6	15.621	900583	20.0
Perylene	15.492	7.7	ng	344911	6	15.621	900583	20.0
Heneicosane	16.098	2.5	ng	113287	6	15.621	900583	20.0
10-Bromo-1,2,3,...	16.980	2.9	ng	131854	6	15.621	900583	20.0