

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126671.D
 Acq On : 25 Jan 2022 18:43
 Operator : CG/JU
 Sample : N1245-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(2.5-3)

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-BF011822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	30	36	41	rVB	312472	399233	11.98%	0.922%
2	5.204	526	530	536	rBV	48793	54344	1.63%	0.126%
3	5.581	589	594	597	rBV	3117374	3147443	94.43%	7.271%
4	6.575	758	763	766	rBV	2973239	3333254	100.00%	7.700%
5	6.963	825	829	832	rBV	999206	783788	23.51%	1.811%
6	7.522	919	924	927	rBV	2156776	2171978	65.16%	5.017%
7	8.245	1043	1047	1049	rBV	1212591	1014883	30.45%	2.344%
8	8.263	1049	1050	1053	rVB	115582	77875	2.34%	0.180%
9	8.957	1164	1168	1171	rBV	95506	73696	2.21%	0.170%
10	9.057	1181	1185	1188	rVB	72800	55782	1.67%	0.129%
11	9.322	1225	1230	1233	rBV	3736643	3302890	99.09%	7.630%
12	9.586	1271	1275	1279	rBV2	37818	46677	1.40%	0.108%
13	9.657	1282	1287	1290	rBV	63219	67563	2.03%	0.156%
14	10.004	1342	1346	1349	rVV	1323040	1059463	31.78%	2.447%
15	10.033	1349	1351	1355	rVB	387783	317267	9.52%	0.733%
16	10.210	1377	1381	1384	rVB	301162	285717	8.57%	0.660%
17	10.551	1435	1439	1443	rBV	399782	327622	9.83%	0.757%
18	10.710	1463	1466	1472	rVB	132760	123163	3.69%	0.285%
19	10.792	1476	1480	1484	rVV	2339202	2009784	60.29%	4.643%
20	11.086	1526	1530	1531	rBV3	65785	84030	2.52%	0.194%
21	11.098	1531	1532	1535	rVB2	81768	61587	1.85%	0.142%
22	11.227	1549	1554	1556	rBV3	67326	71960	2.16%	0.166%
23	11.298	1563	1566	1569	rVB	206481	162069	4.86%	0.374%
24	11.357	1569	1576	1579	rVV3	138698	206143	6.18%	0.476%
25	11.392	1579	1582	1586	rVB	198736	167035	5.01%	0.386%
26	11.498	1596	1600	1602	rBV	1207367	1129805	33.89%	2.610%
27	11.522	1602	1604	1607	rVV	2787056	2520079	75.60%	5.822%
28	11.575	1607	1613	1615	rVV	730333	726991	21.81%	1.679%
29	11.604	1615	1618	1621	rVB	83621	79774	2.39%	0.184%
30	11.722	1632	1638	1645	rBV2	382412	437642	13.13%	1.011%
31	11.792	1648	1650	1654	rVV3	48272	47951	1.44%	0.111%
32	11.998	1679	1685	1687	rBV	376078	349441	10.48%	0.807%
33	12.027	1687	1690	1693	rVB	487083	439558	13.19%	1.015%
34	12.074	1693	1698	1701	rBV	187552	174537	5.24%	0.403%
35	12.110	1701	1704	1706	rBV2	400460	427279	12.82%	0.987%
36	12.133	1706	1708	1711	rVB	226501	172294	5.17%	0.398%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.174	1711	1715	1717	rBV4	44194	51477	1.54%	0.119%
38	12.292	1732	1735	1737	rBV	234919	192686	5.78%	0.445%
39	12.316	1737	1739	1742	rVB	198074	152753	4.58%	0.353%
40	12.445	1758	1761	1763	rBV	69312	61767	1.85%	0.143%
41	12.474	1763	1766	1768	rVV	56156	49423	1.48%	0.114%
42	12.498	1768	1770	1772	rVB2	71599	53583	1.61%	0.124%
43	12.545	1772	1778	1782	rBV	121949	156372	4.69%	0.361%
44	12.586	1782	1785	1787	rVV3	95144	119955	3.60%	0.277%
45	12.633	1790	1793	1798	rVB	138977	142385	4.27%	0.329%
46	12.716	1803	1807	1810	rBV	2081164	1772445	53.17%	4.094%
47	12.774	1815	1817	1820	rVV2	51220	46217	1.39%	0.107%
48	12.839	1824	1828	1829	rBV2	46239	57179	1.72%	0.132%
49	12.869	1830	1833	1835	rVV	70790	74473	2.23%	0.172%
50	12.927	1839	1843	1844	rBV2	448962	484919	14.55%	1.120%
51	12.945	1844	1846	1851	rVV	1531752	1298930	38.97%	3.001%
52	12.992	1851	1854	1858	rVB2	121042	130476	3.91%	0.301%
53	13.063	1858	1866	1867	rBV	156823	175259	5.26%	0.405%
54	13.086	1867	1870	1876	rVB	2911928	2552591	76.58%	5.897%
55	13.163	1876	1883	1886	rBV2	132400	243226	7.30%	0.562%
56	13.245	1890	1897	1899	rBV4	111703	174824	5.24%	0.404%
57	13.269	1899	1901	1904	rVB	230893	203378	6.10%	0.470%
58	13.339	1909	1913	1915	rBV	122499	110369	3.31%	0.255%
59	13.374	1915	1919	1922	rBV2	190713	210087	6.30%	0.485%
60	13.404	1922	1924	1926	rVB	61570	48271	1.45%	0.112%
61	13.469	1932	1935	1937	rBV	84962	69556	2.09%	0.161%
62	13.498	1937	1940	1943	rBV2	91520	88600	2.66%	0.205%
63	13.568	1949	1952	1957	rVB4	31725	46798	1.40%	0.108%
64	13.668	1962	1969	1972	rBV6	67356	134320	4.03%	0.310%
65	13.774	1984	1987	1992	rVB	142779	145503	4.37%	0.336%
66	13.892	2002	2007	2010	rBV2	115407	175525	5.27%	0.405%
67	13.921	2010	2012	2014	rVV	167400	138416	4.15%	0.320%
68	13.957	2014	2018	2019	rVV2	106290	150965	4.53%	0.349%
69	13.980	2019	2022	2031	rVB2	297668	402484	12.07%	0.930%
70	14.063	2031	2036	2042	rBV3	39403	84671	2.54%	0.196%
71	14.139	2045	2049	2053	rVV3	1100549	1657574	49.73%	3.829%
72	14.174	2053	2055	2061	rVB	736061	640544	19.22%	1.480%
73	14.251	2065	2068	2071	rVV2	70113	68437	2.05%	0.158%
74	14.310	2073	2078	2079	rVV4	32011	52602	1.58%	0.122%
75	14.339	2079	2083	2085	rVV2	70223	82776	2.48%	0.191%
76	14.374	2085	2089	2092	rVB2	86773	105630	3.17%	0.244%

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77	14.474	2101	2106	2108	rBV3	45789	63262	1.90%	0.146%
78	14.504	2108	2111	2112	rVV	54972	55157	1.65%	0.127%
79	14.539	2112	2117	2120	rVV	167625	216815	6.50%	0.501%
80	14.574	2120	2123	2126	rVV	95656	104262	3.13%	0.241%
81	14.633	2126	2133	2136	rVV5	86283	163958	4.92%	0.379%
82	14.668	2136	2139	2141	rVV2	80653	96348	2.89%	0.223%
83	14.692	2141	2143	2147	rVV3	72110	80325	2.41%	0.186%
84	14.739	2147	2151	2156	rVB4	49110	85030	2.55%	0.196%
85	14.857	2167	2171	2174	rBV2	57035	81170	2.44%	0.188%
86	14.921	2179	2182	2184	rBV2	40950	49132	1.47%	0.113%
87	15.033	2196	2201	2203	rBV4	42338	63325	1.90%	0.146%
88	15.227	2228	2234	2237	rBV	462410	819635	24.59%	1.893%
89	15.339	2249	2253	2256	rVB	91790	104687	3.14%	0.242%
90	15.433	2265	2269	2270	rBV2	46307	51928	1.56%	0.120%
91	15.545	2283	2288	2294	rVB	278048	391265	11.74%	0.904%
92	15.610	2294	2299	2306	rBV	441026	539257	16.18%	1.246%
93	15.680	2306	2311	2314	rBV	566463	724674	21.74%	1.674%
94	15.710	2314	2316	2323	rVB2	125302	182306	5.47%	0.421%
95	17.051	2536	2544	2552	rBV6	36417	103889	3.12%	0.240%
96	17.233	2569	2575	2587	rVB2	157641	343557	10.31%	0.794%
97	17.433	2601	2609	2612	rBV2	48998	94490	2.83%	0.218%
98	17.492	2614	2619	2625	rVV3	31941	67106	2.01%	0.155%
99	17.709	2649	2656	2669	rVB	104186	235002	7.05%	0.543%
100	17.956	2693	2698	2704	rBV2	31948	54228	1.63%	0.125%

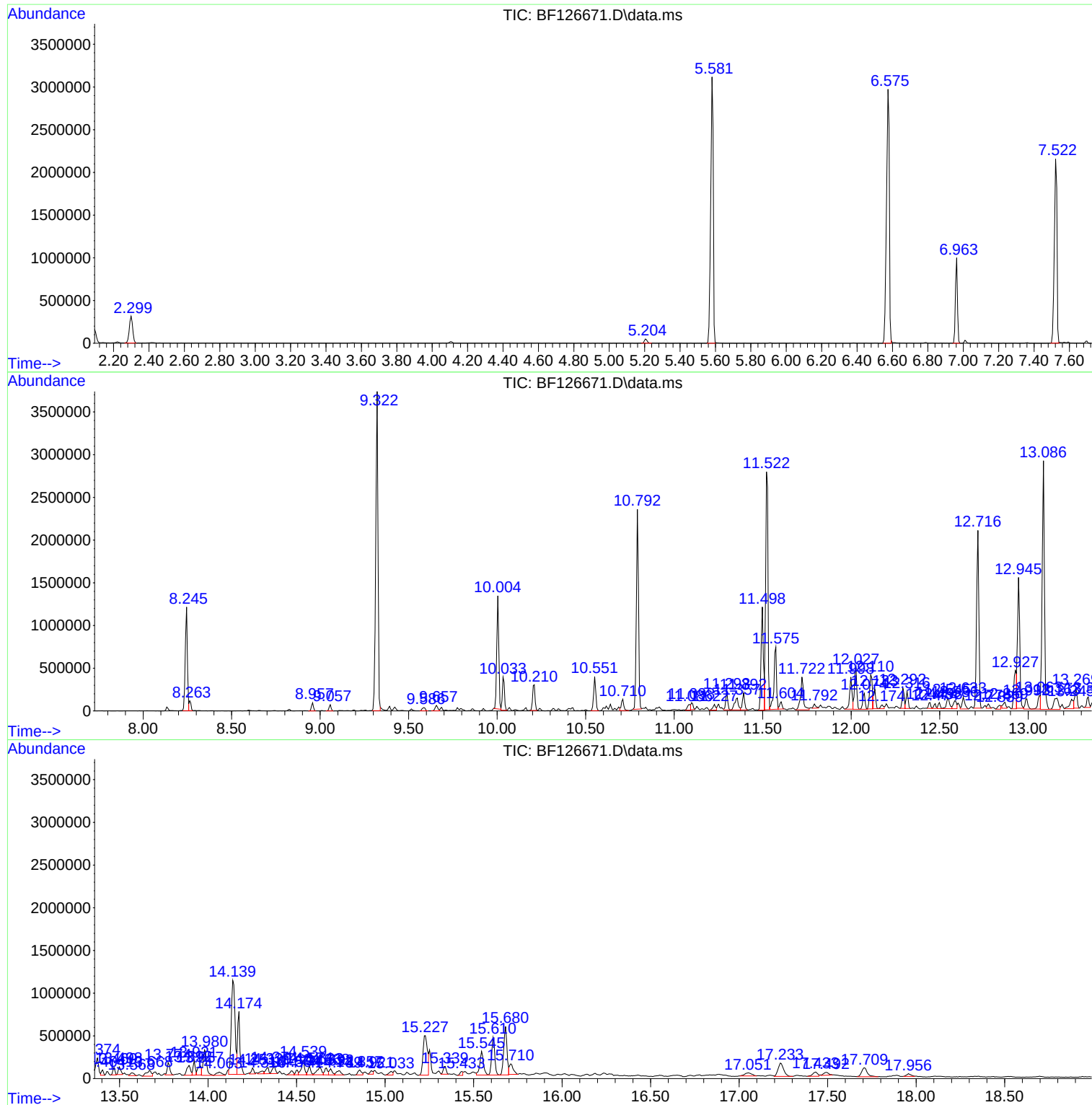
Sum of corrected areas: 43288851

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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Sample : N1245-04
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Instrument :
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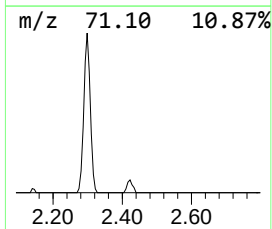
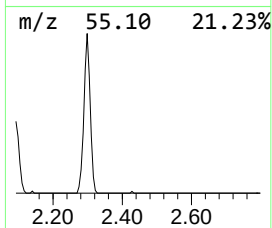
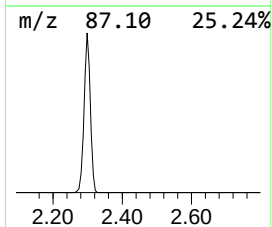
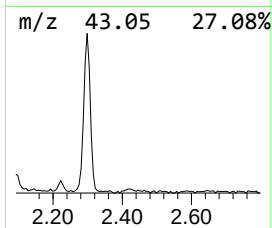
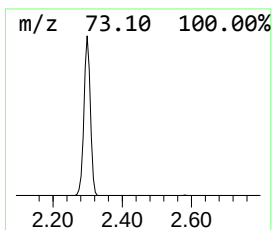
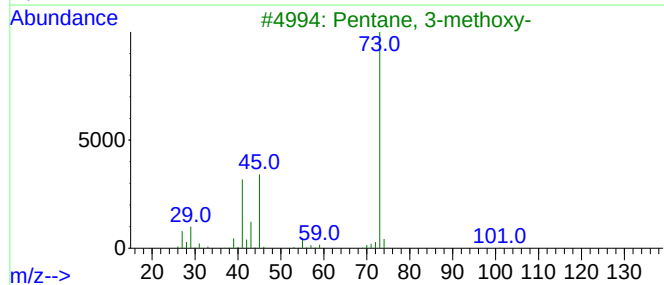
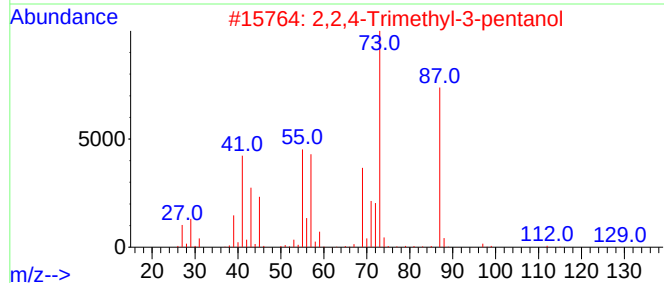
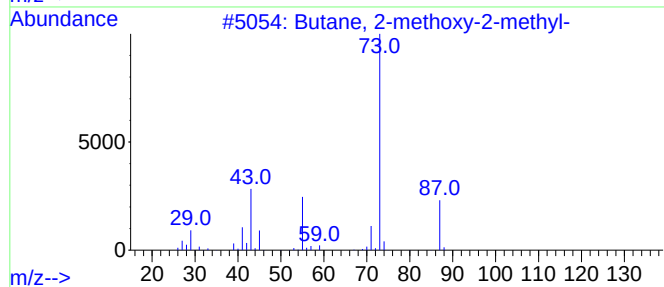
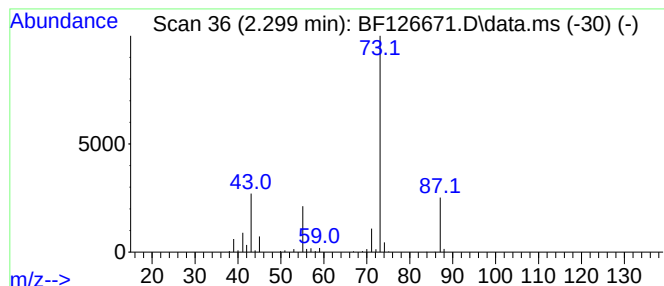
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.299	10.19 ng	399233	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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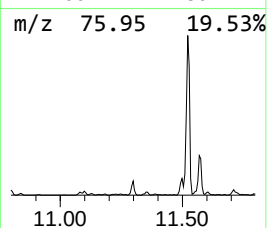
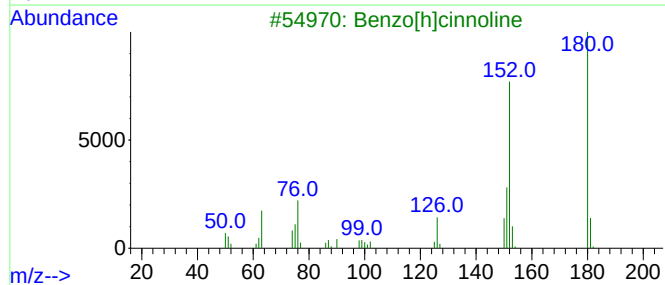
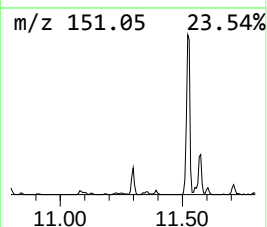
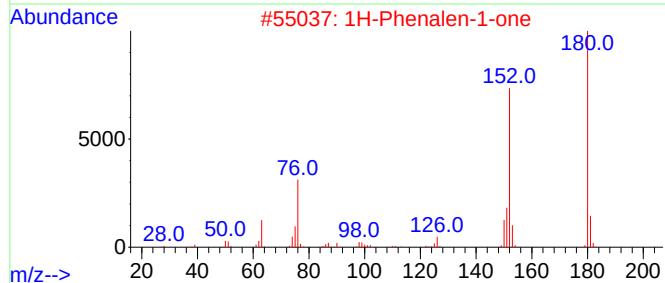
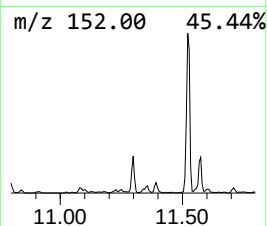
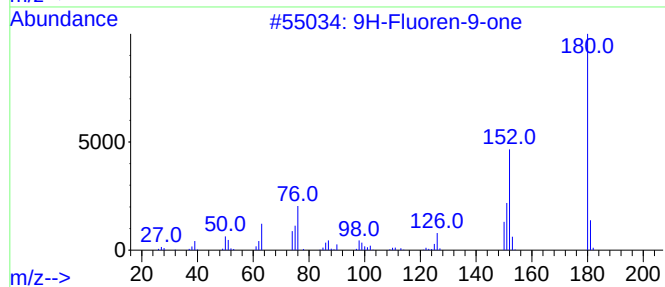
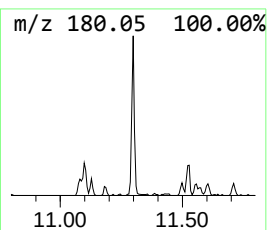
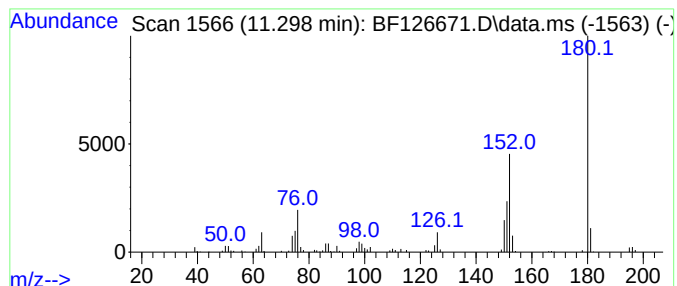
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	2.87 ng	162069	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2			1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5			Benzaldehyde, 4-nitro-, O-methyl...	180	C8H8N2O3	033499-32-0	46



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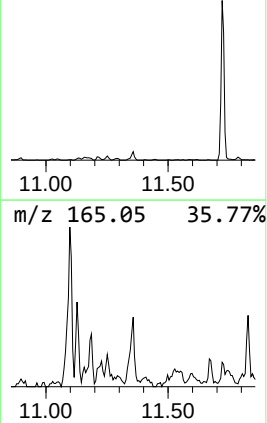
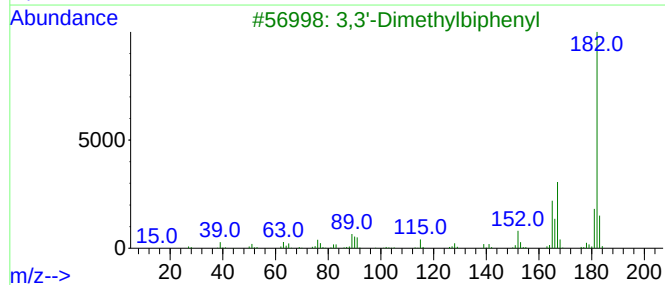
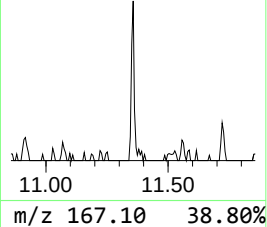
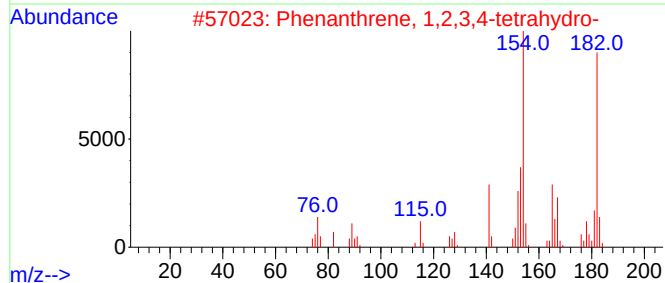
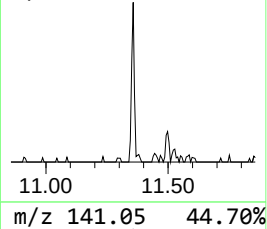
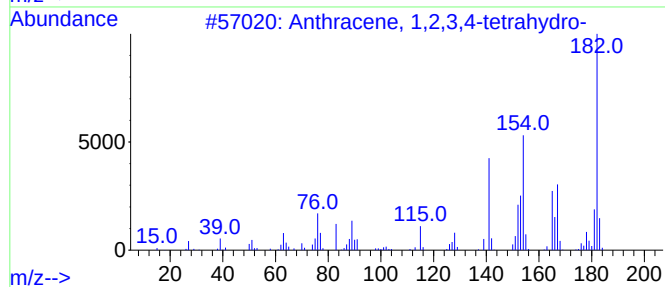
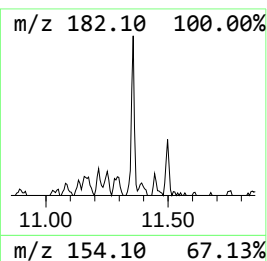
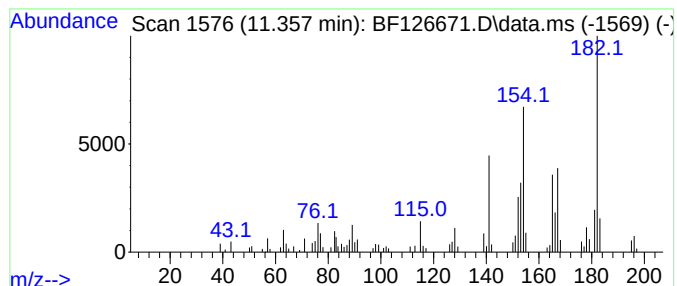
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	3.65 ng	206143	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	86
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	64
4			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55
5			Dehydrochamazulene	182	C14H14	321732-25-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
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ClientSampleId :
SB-2(2.5-3)

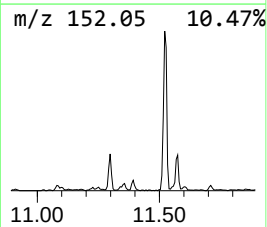
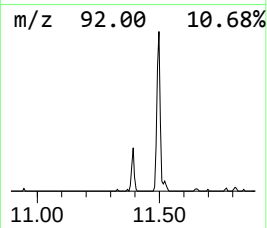
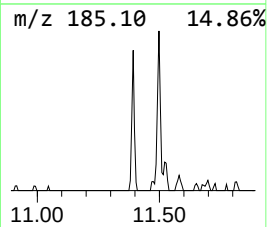
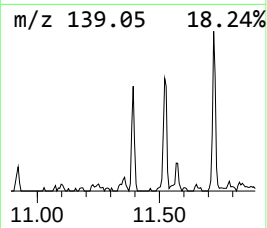
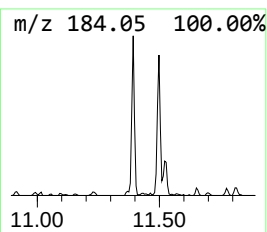
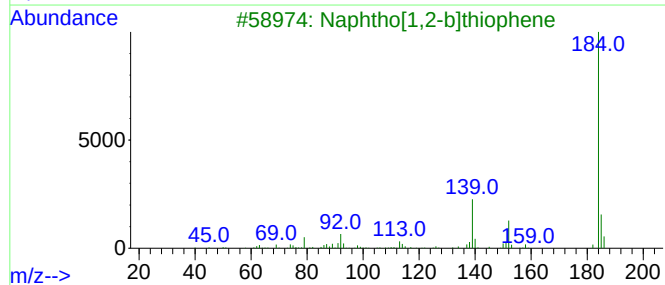
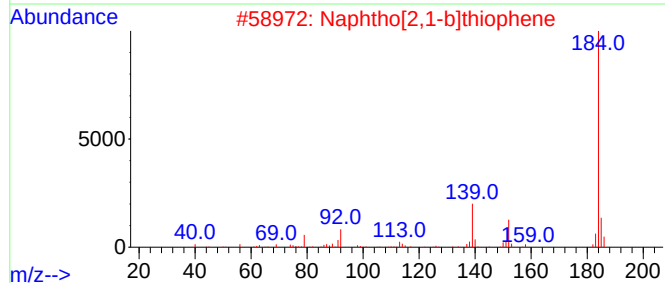
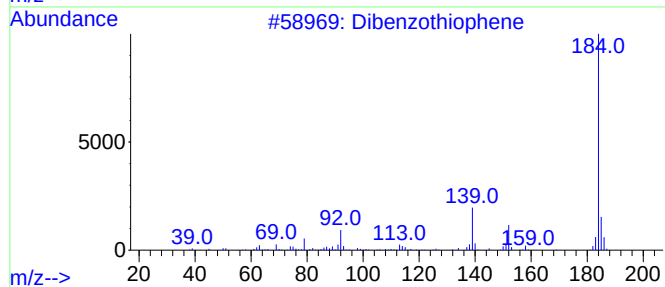
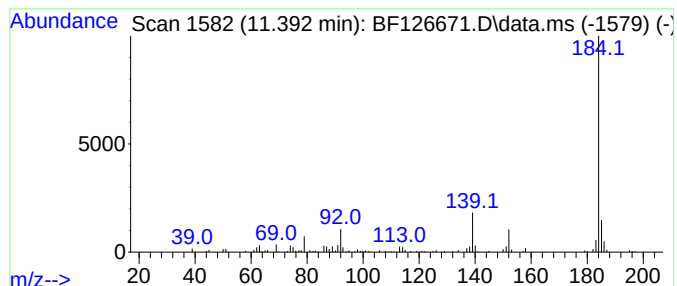
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	2.96 ng	167035	Phenanthrene-d10	11.498

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	95
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
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Sample : N1245-04
Misc :
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Instrument :
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ClientSampleId :
SB-2(2.5-3)

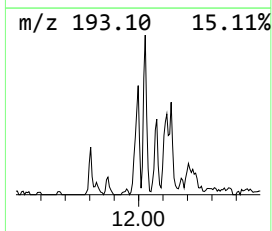
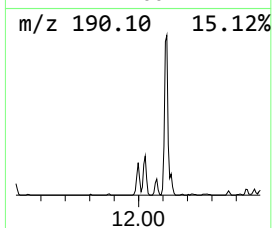
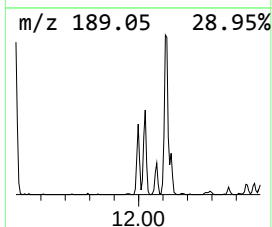
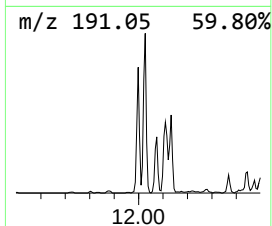
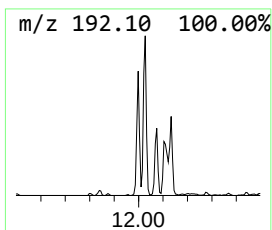
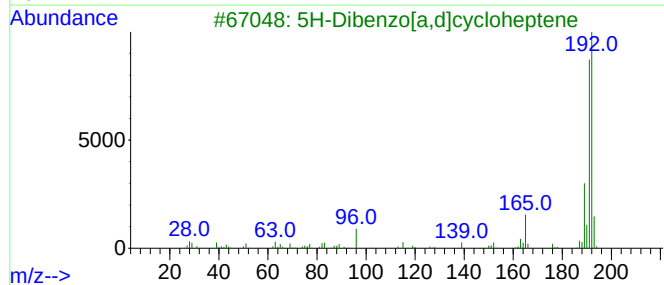
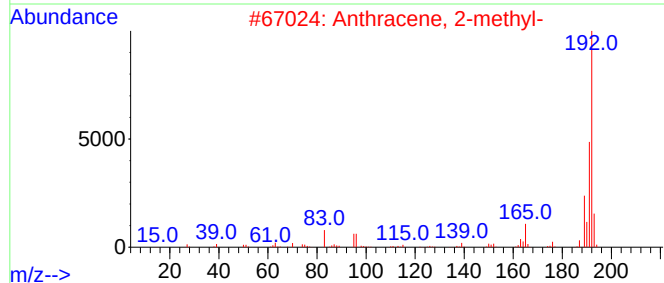
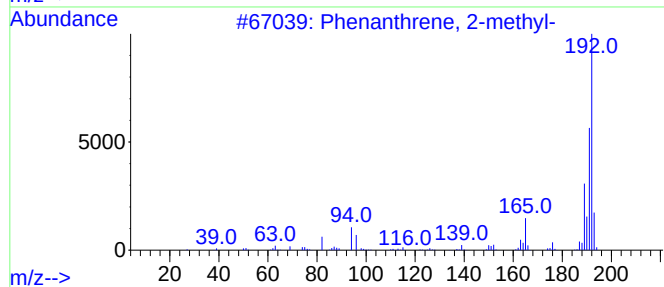
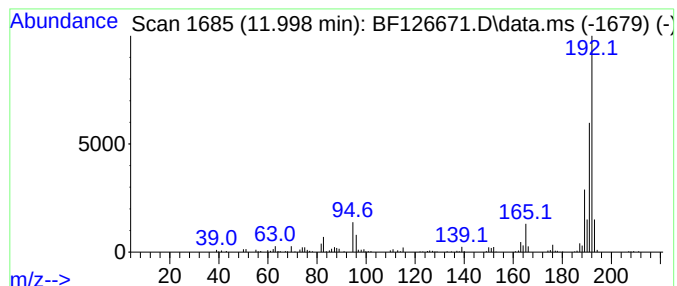
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	6.19 ng	349441	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(2.5-3)

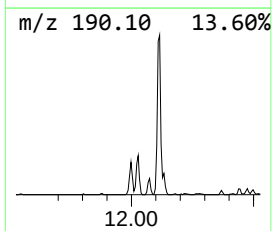
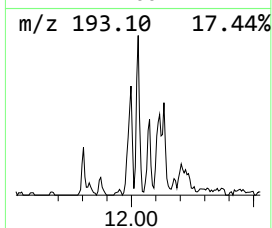
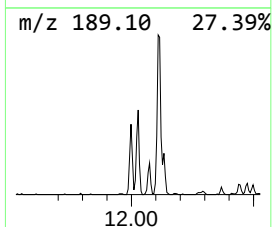
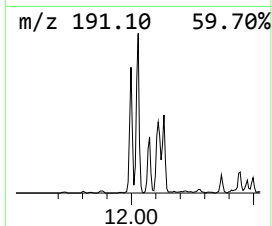
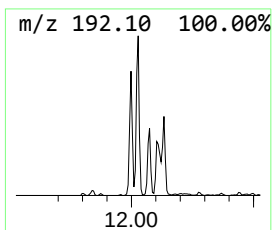
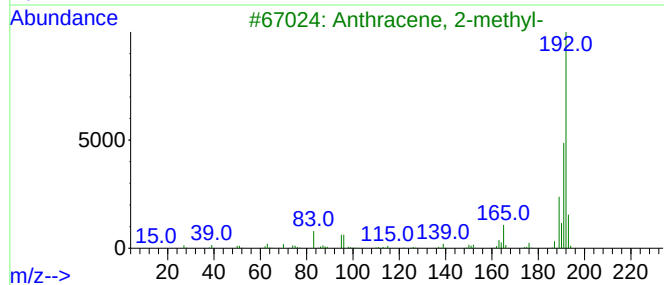
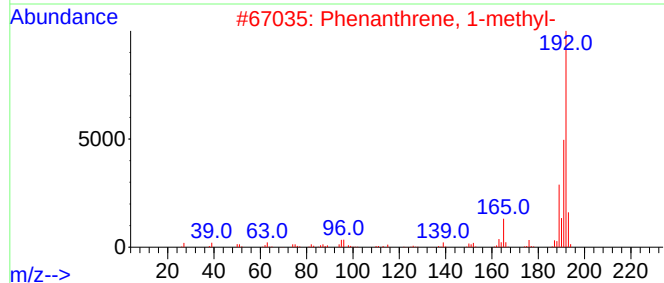
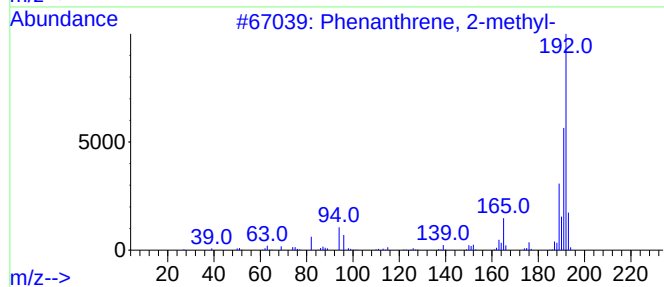
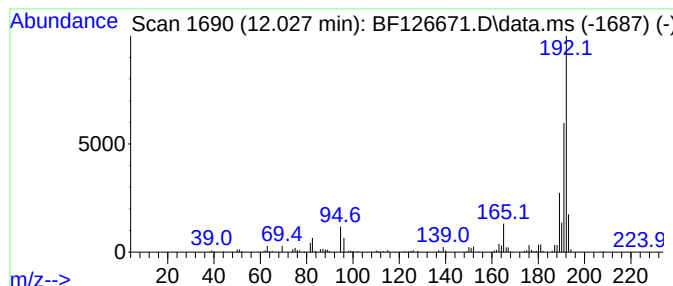
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	7.78 ng	439558	Phenanthrene-d10	11.498

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(2.5-3)

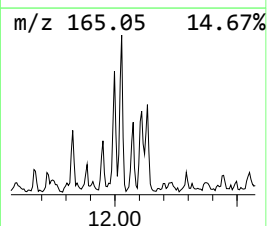
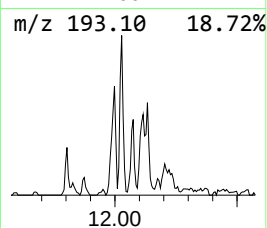
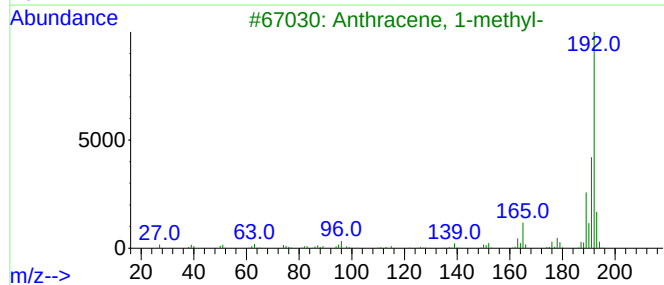
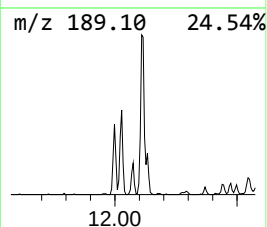
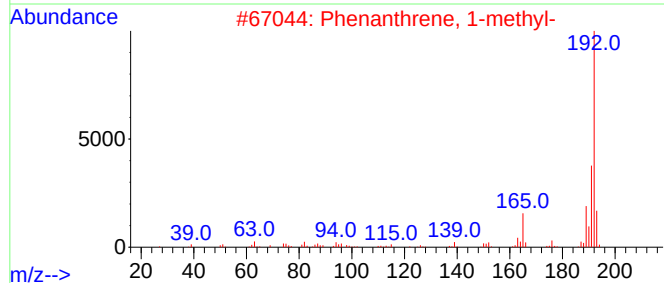
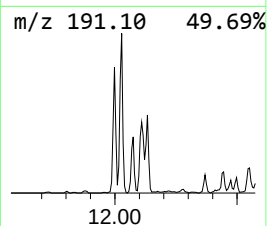
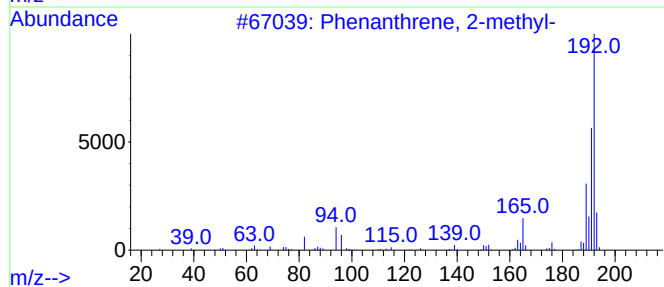
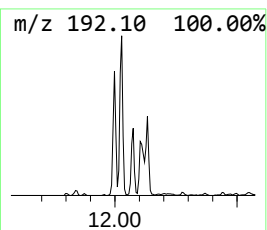
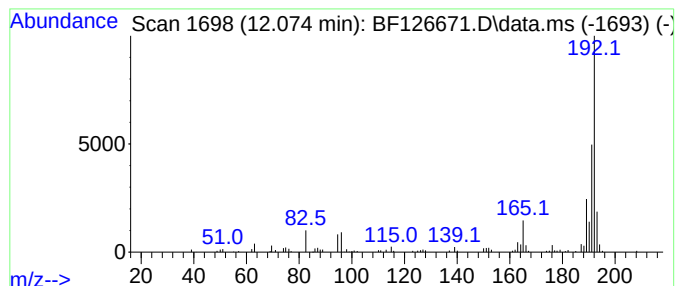
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	3.09 ng	174537	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(2.5-3)

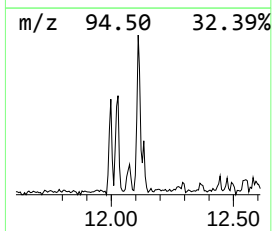
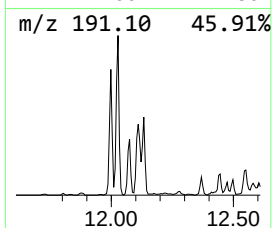
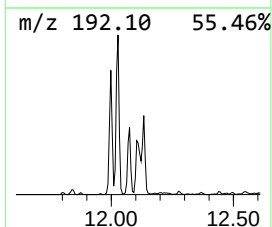
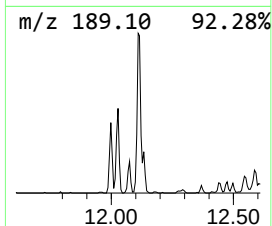
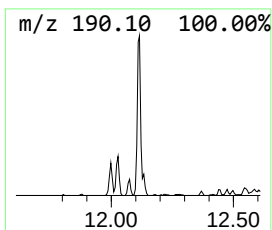
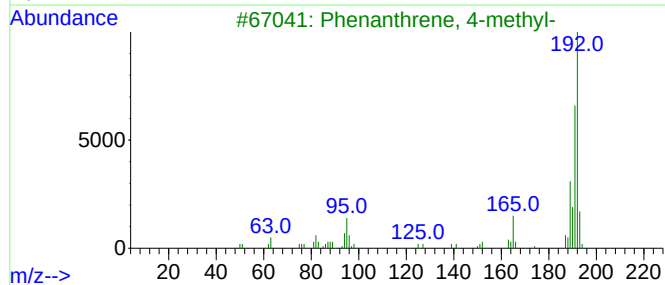
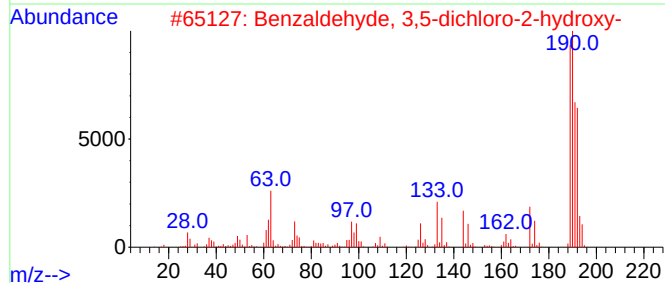
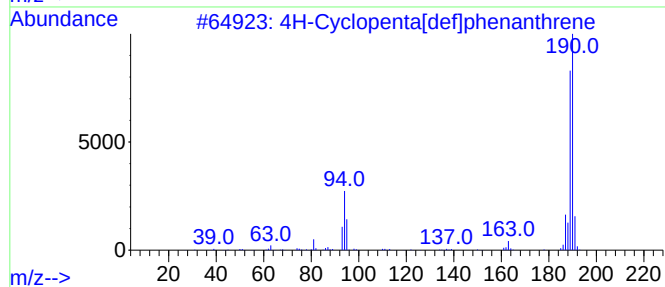
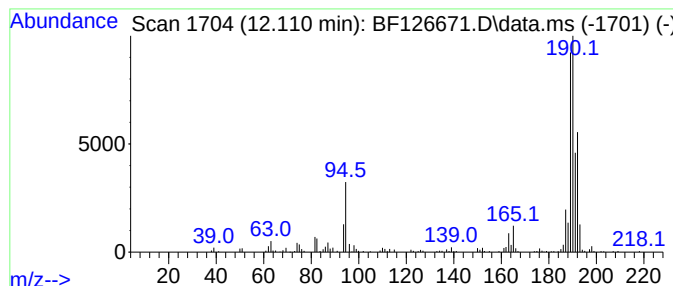
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	7.56 ng	427279	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
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Instrument :
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ClientSampleId :
SB-2(2.5-3)

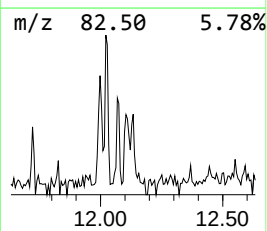
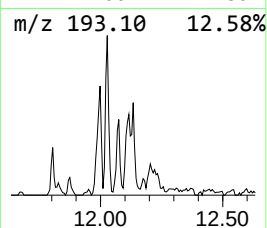
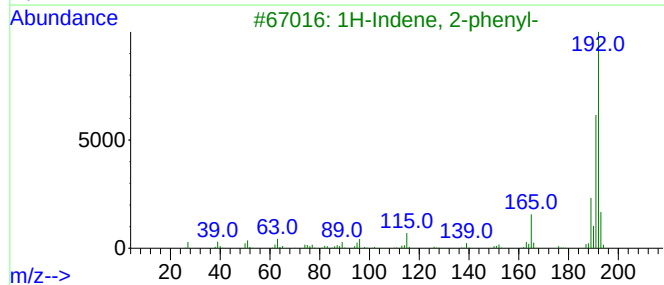
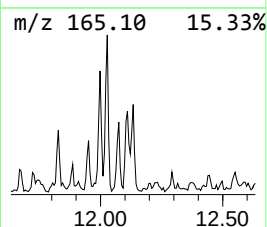
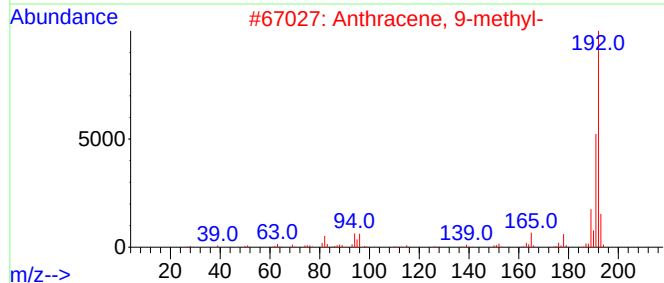
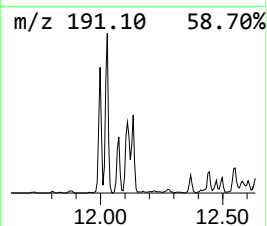
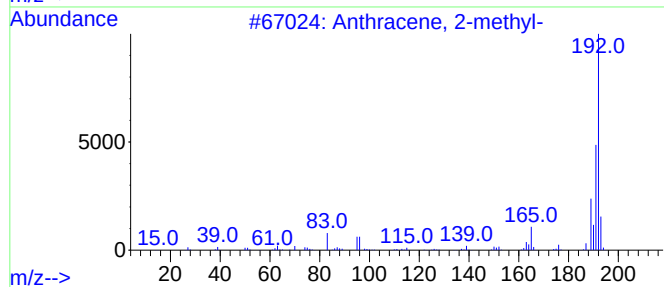
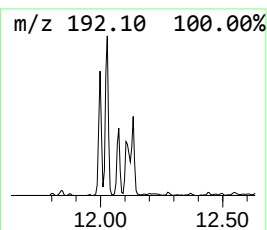
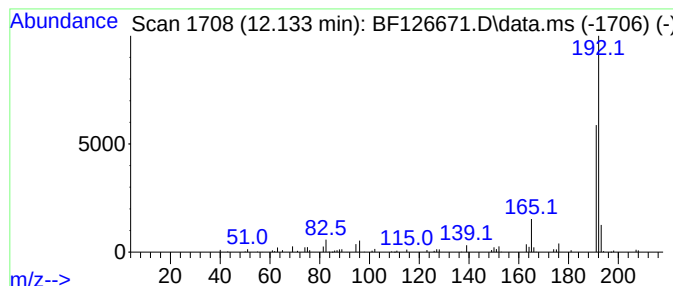
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.05 ng	172294	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
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ClientSampleId :
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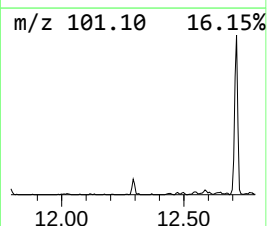
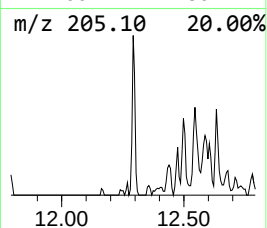
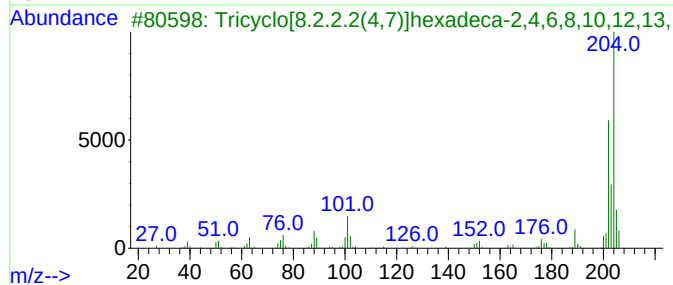
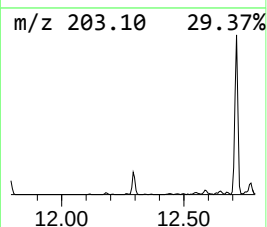
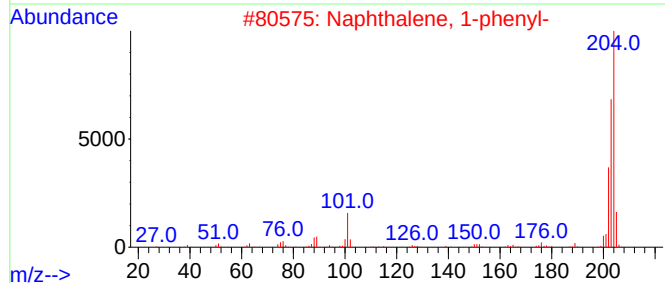
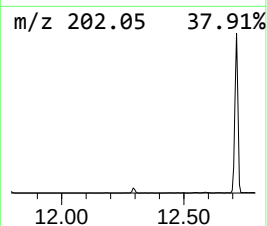
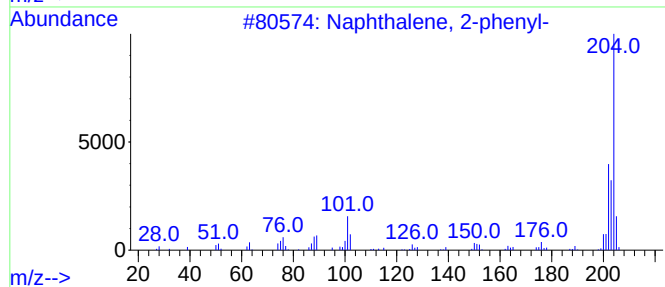
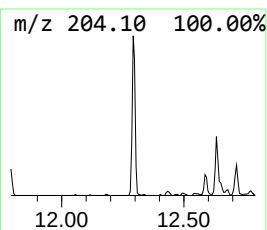
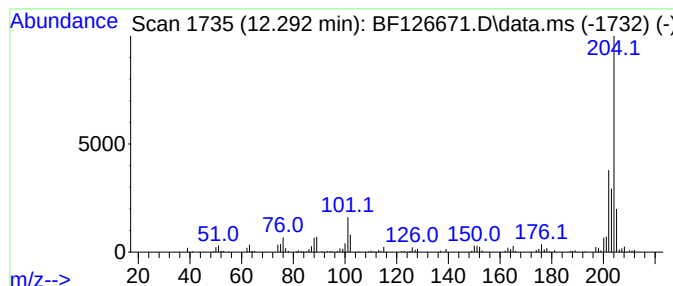
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	3.41 ng	192686	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4			5,16[1',2']:8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	72
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58



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Sample : N1245-04
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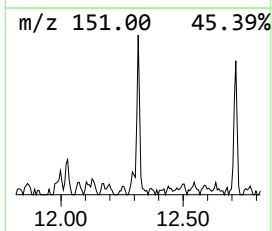
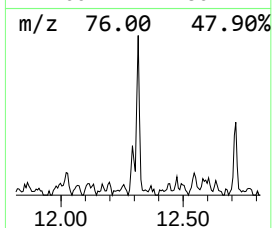
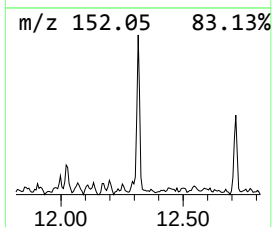
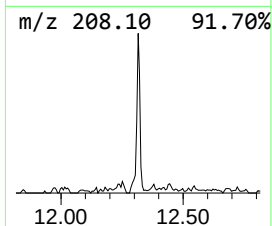
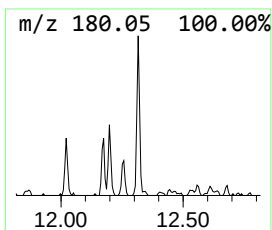
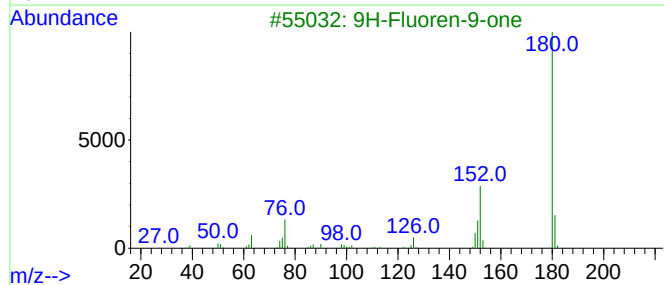
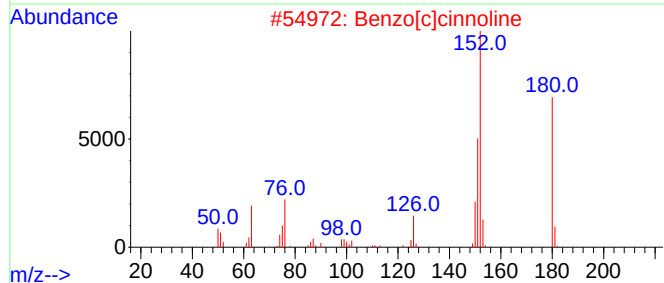
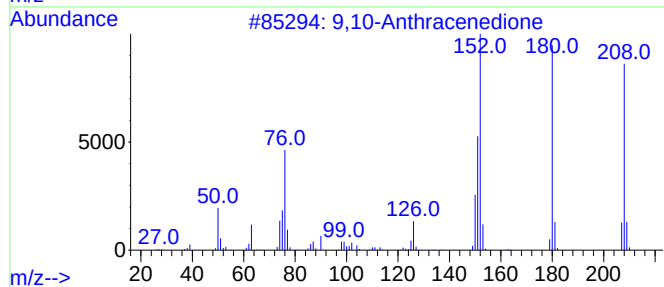
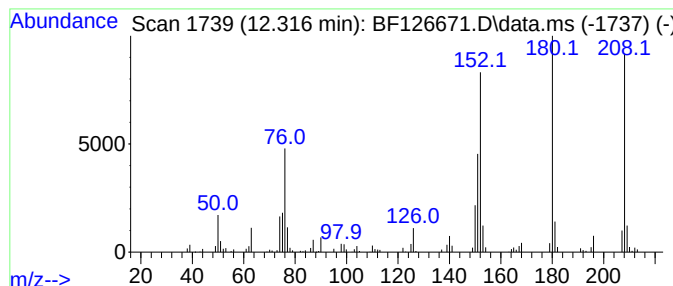
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	2.70 ng	152753	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58



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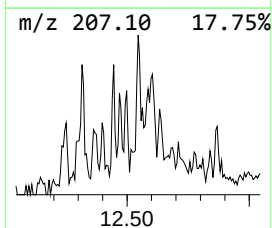
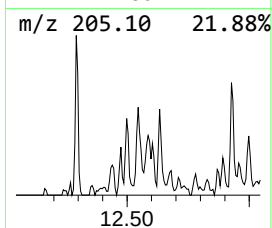
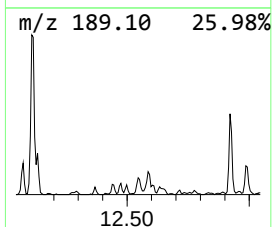
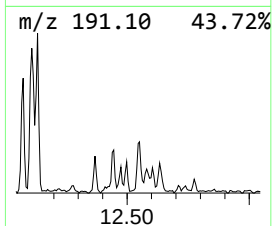
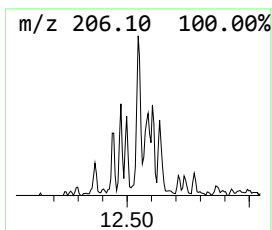
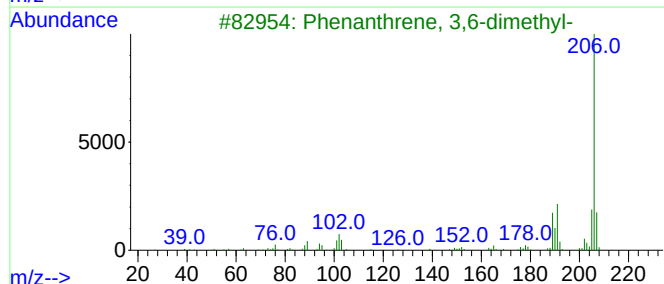
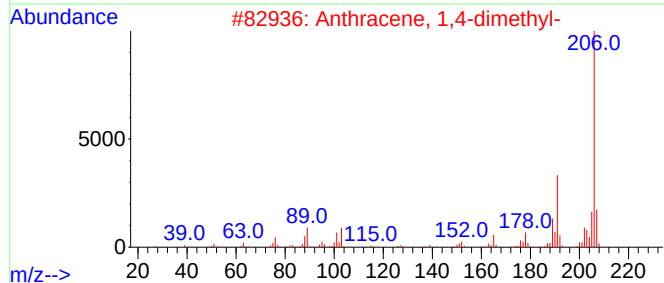
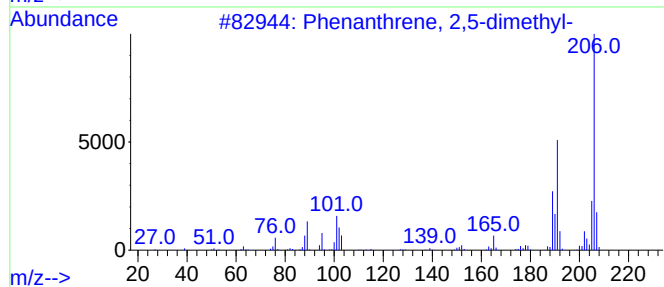
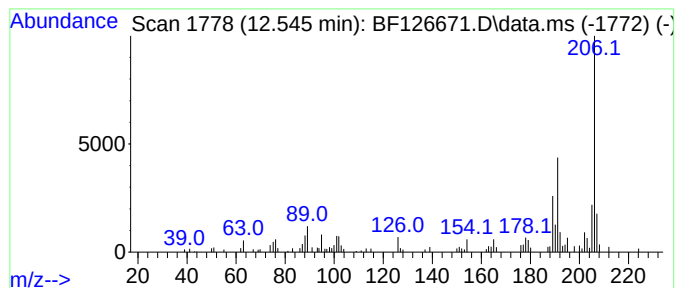
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.77 ng	156372	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
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ClientSampleId :
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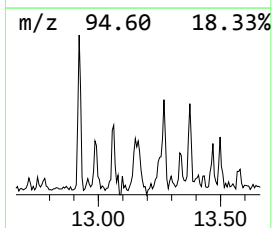
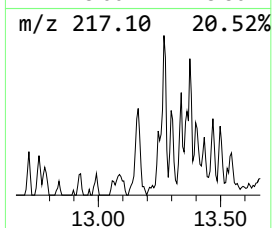
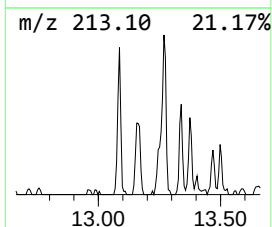
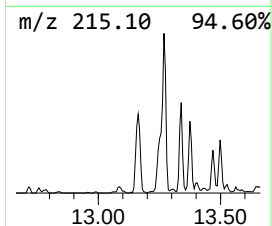
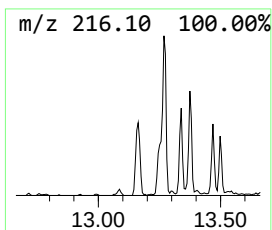
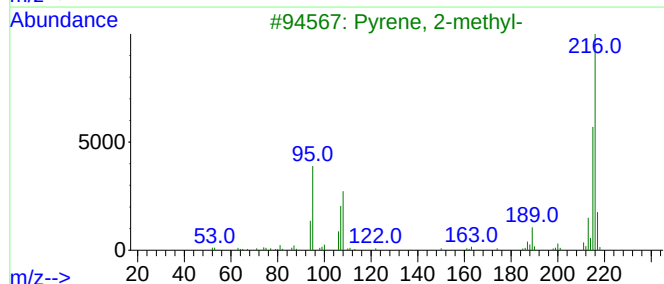
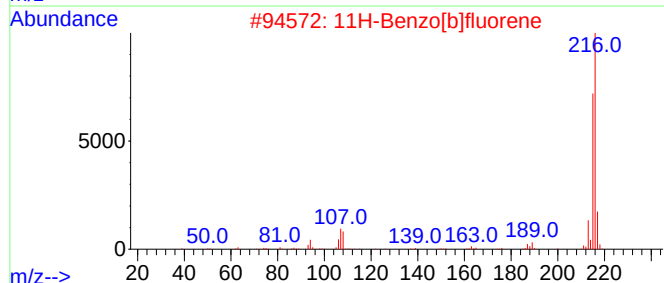
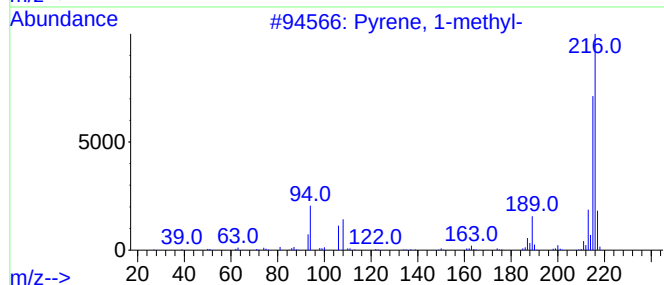
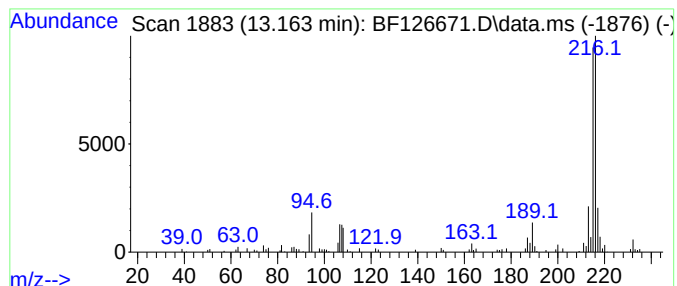
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.93 ng	243226	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
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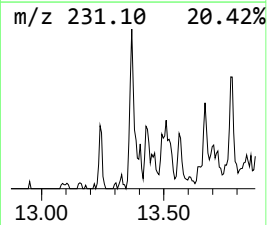
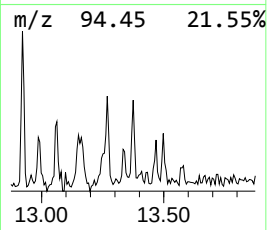
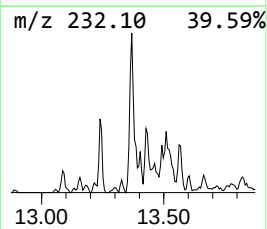
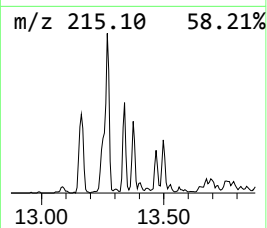
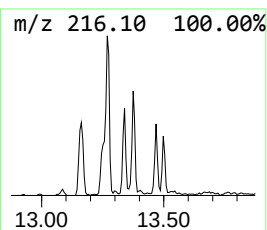
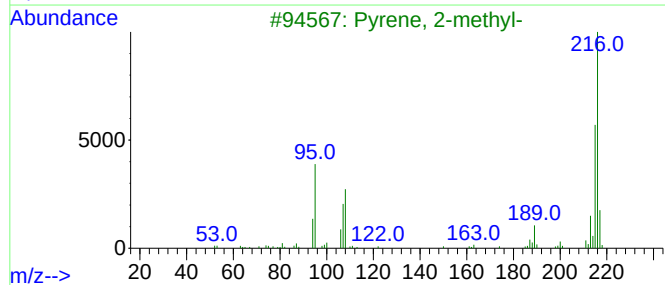
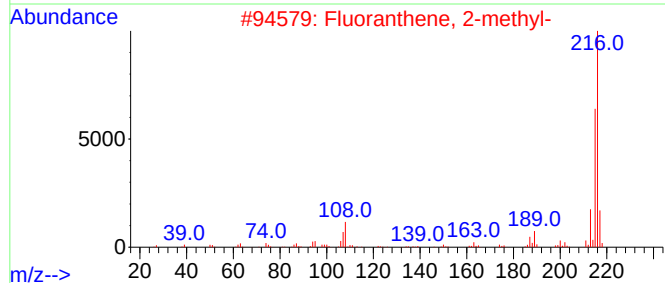
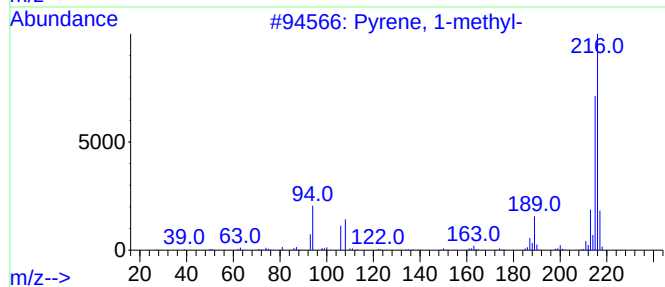
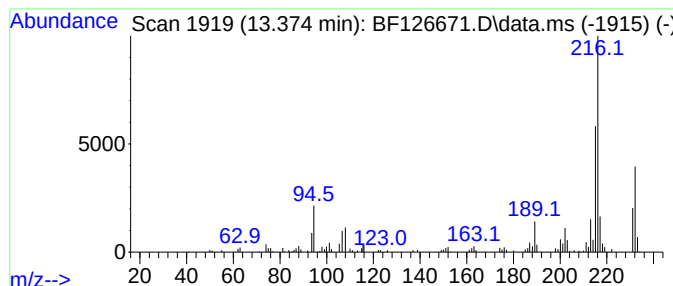
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	2.53 ng	210087	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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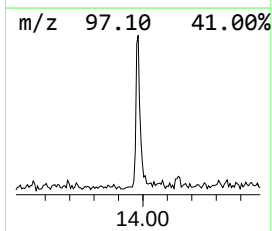
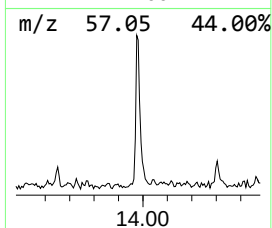
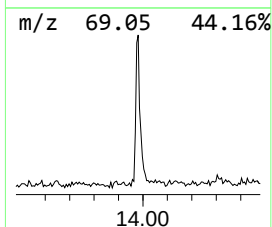
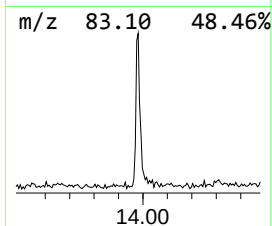
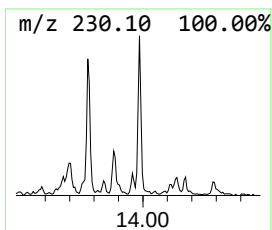
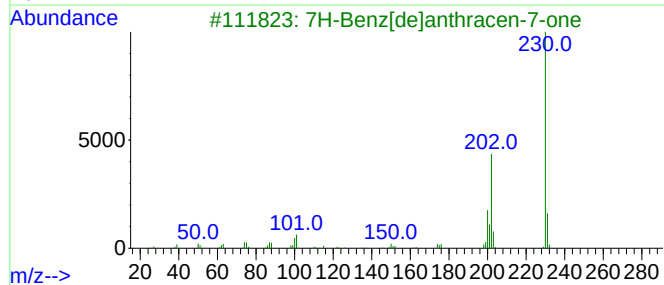
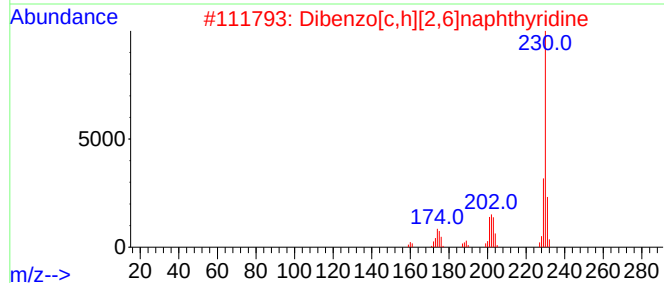
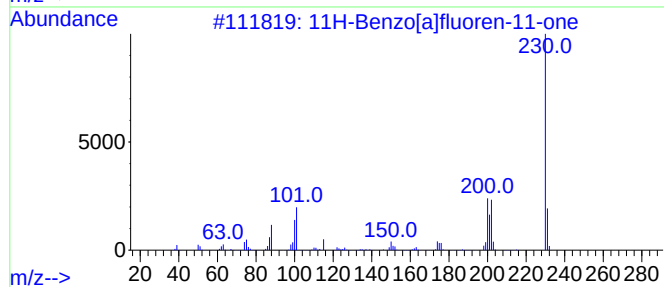
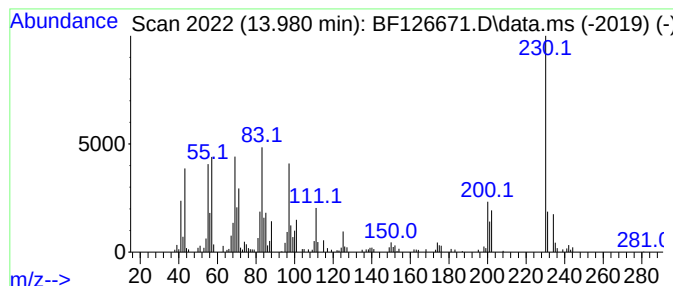
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	4.86 ng	402484	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5			o-Terphenyl	230	C18H14	000084-15-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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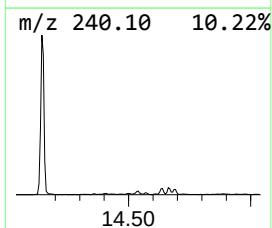
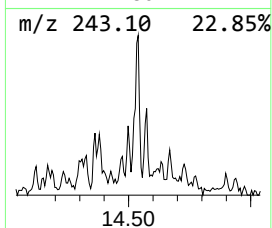
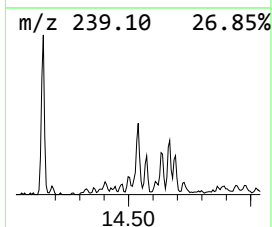
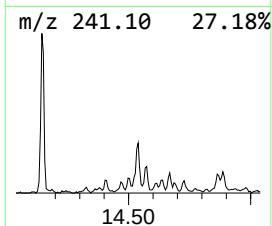
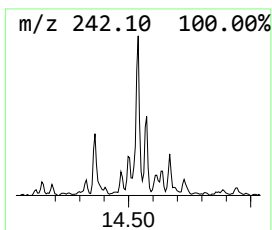
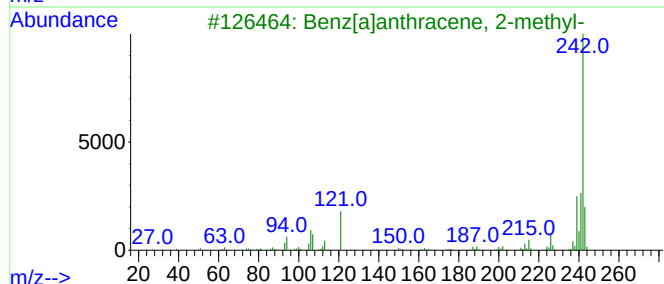
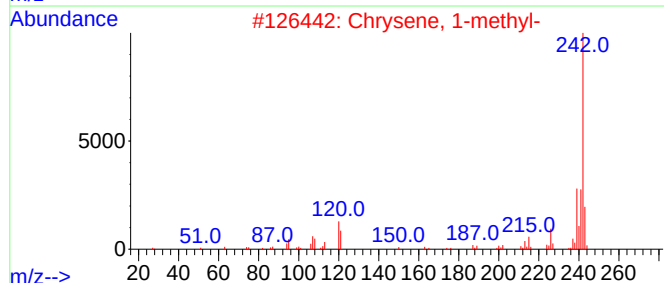
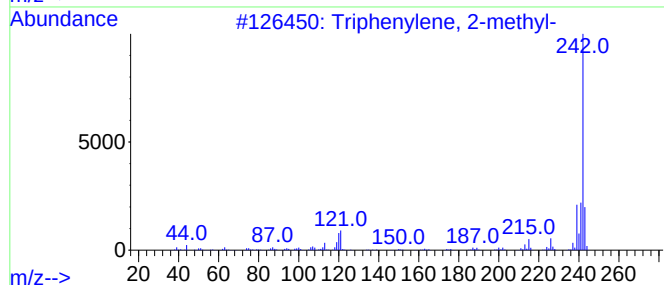
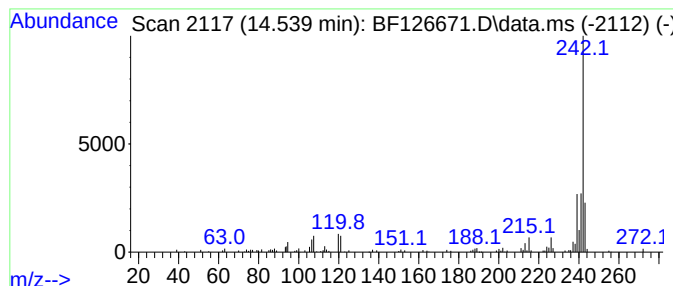
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	2.62 ng	216815	Chrysene-d12	14.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
3			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
SB-2(2.5-3)

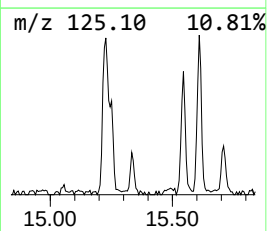
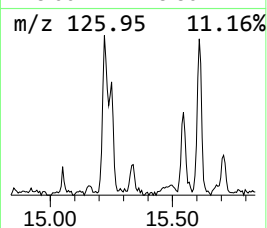
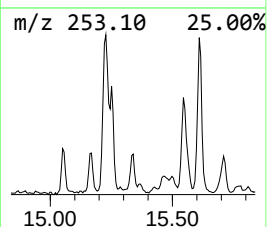
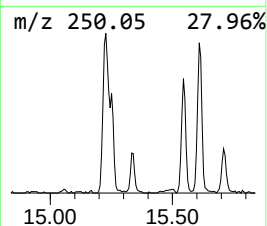
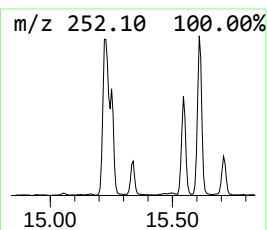
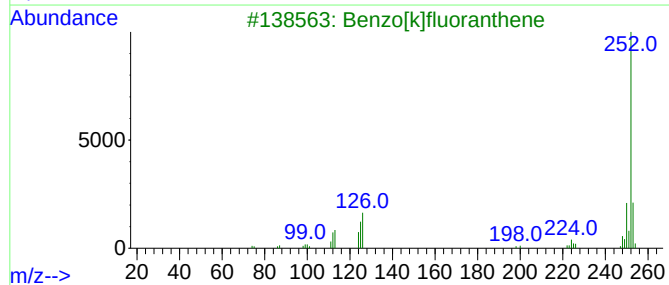
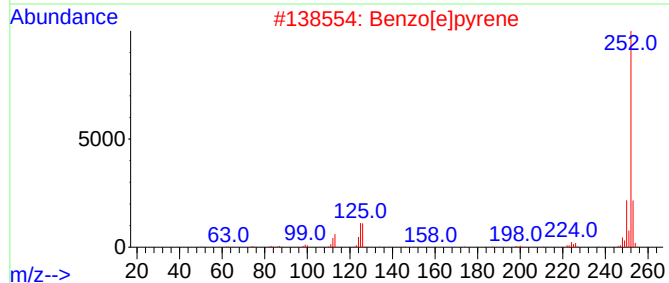
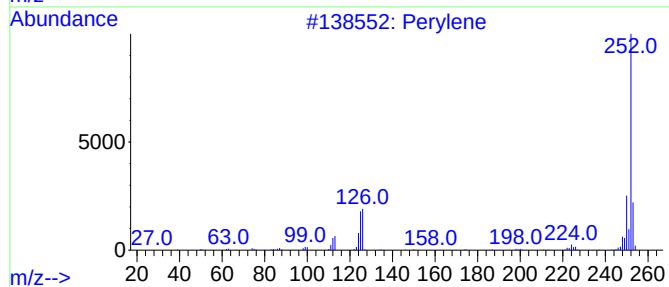
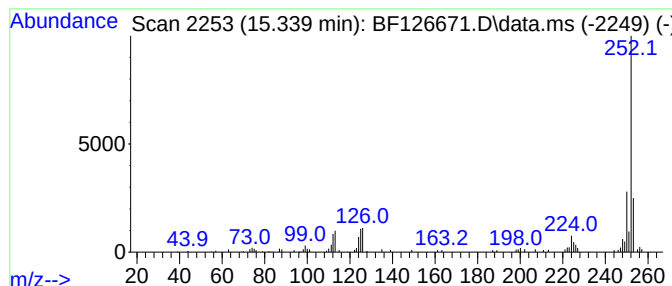
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	2.89 ng	104687	Perylene-d12	15.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	94
2			Benzo[e]pyrene	252	C20H12	000192-97-2	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(2.5-3)

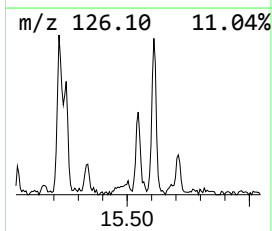
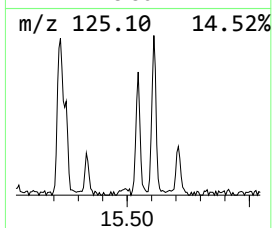
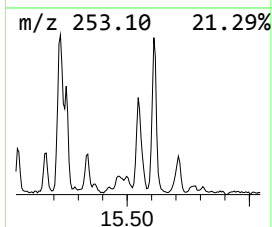
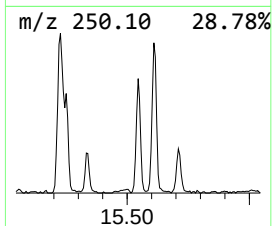
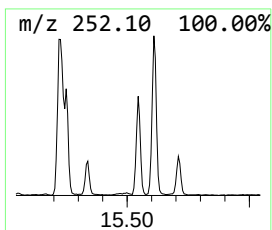
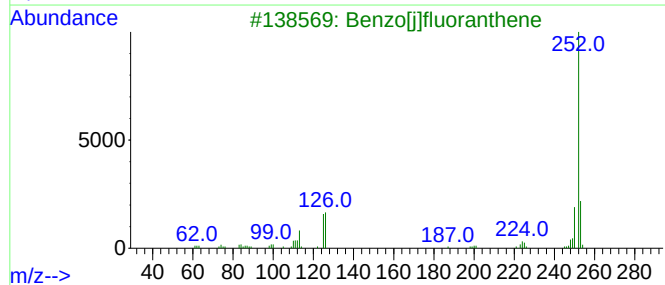
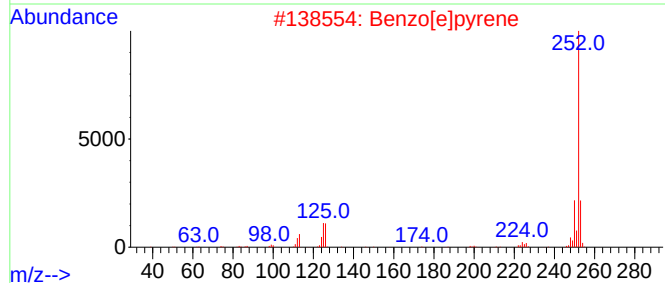
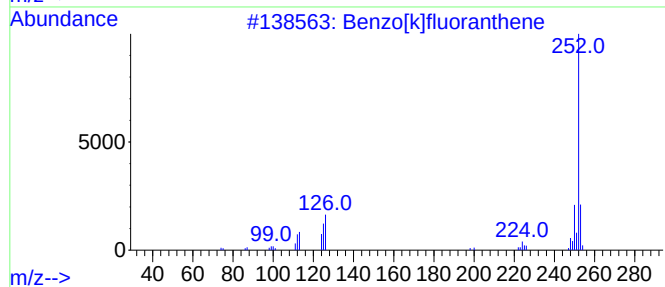
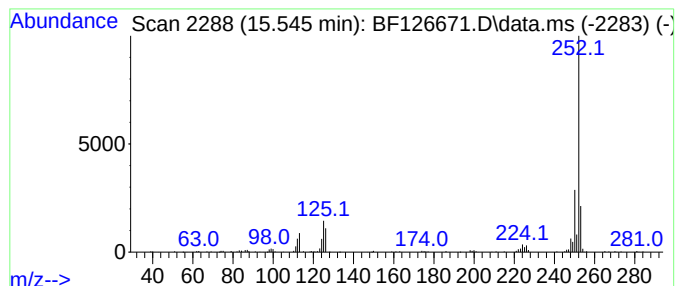
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	10.80 ng	391265	Perylene-d12	15.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

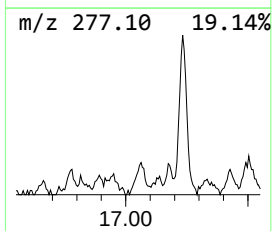
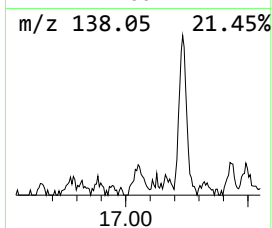
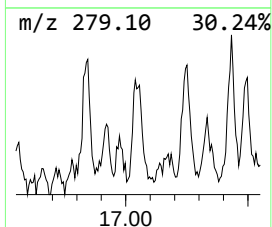
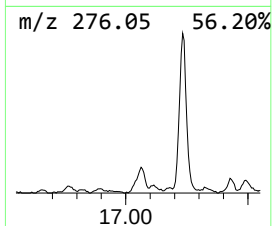
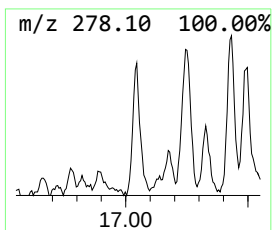
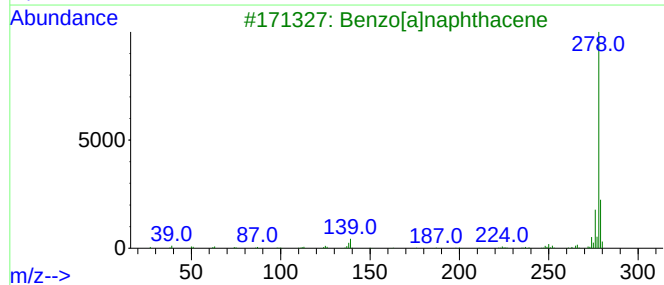
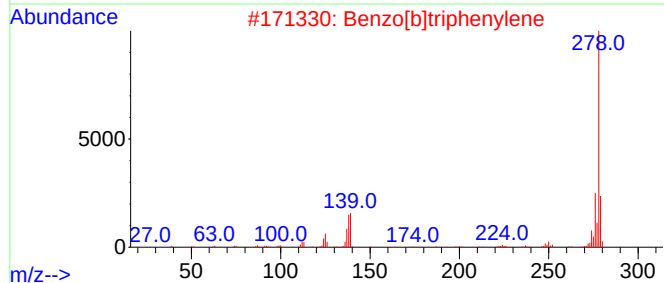
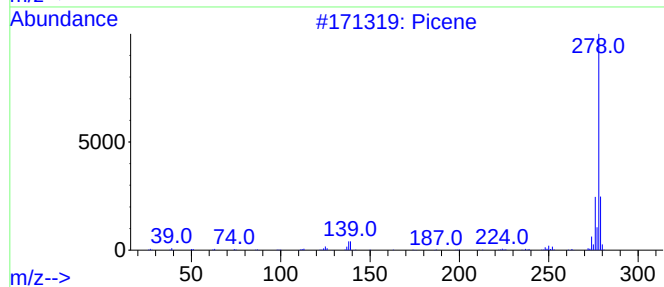
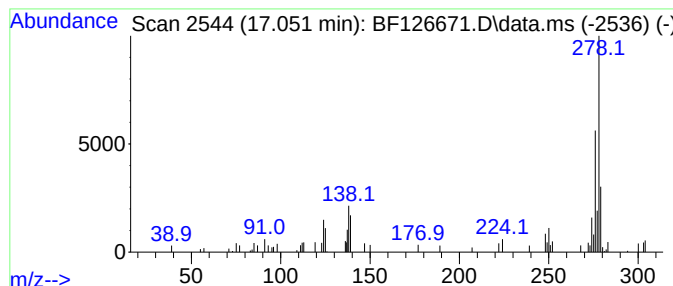
Instrument :
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ClientSampleId :
SB-2(2.5-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.051	2.87 ng	103889	Perylene-d12	15.680	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	60
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	60
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	49
4	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	43
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126671.D
Acq On : 25 Jan 2022 18:43
Operator : CG/JU
Sample : N1245-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(2.5-3)

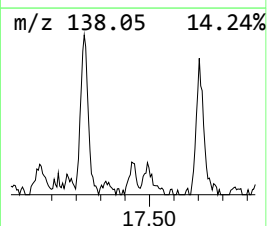
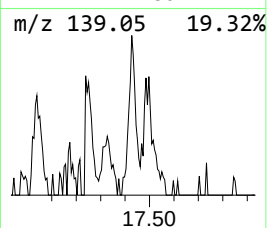
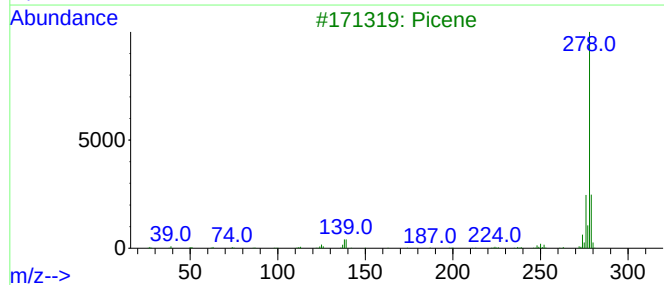
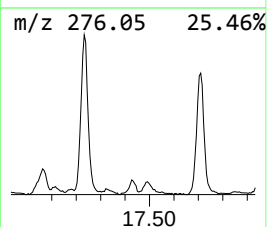
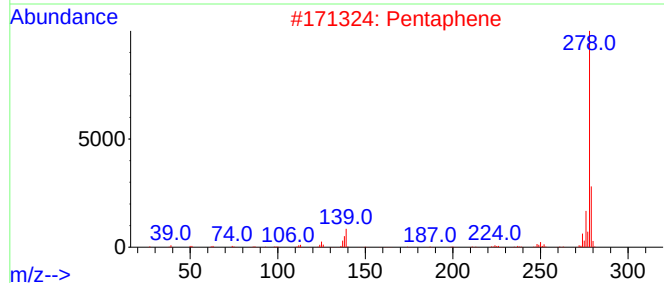
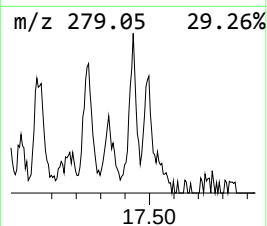
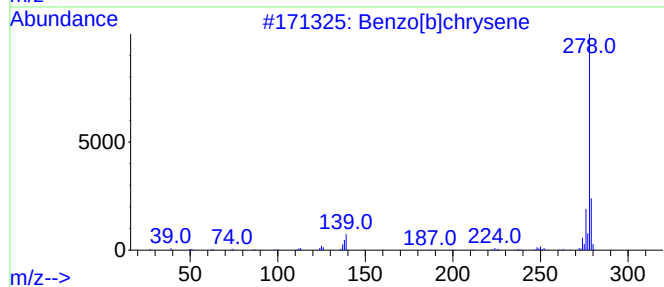
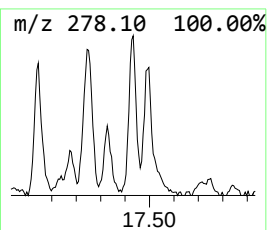
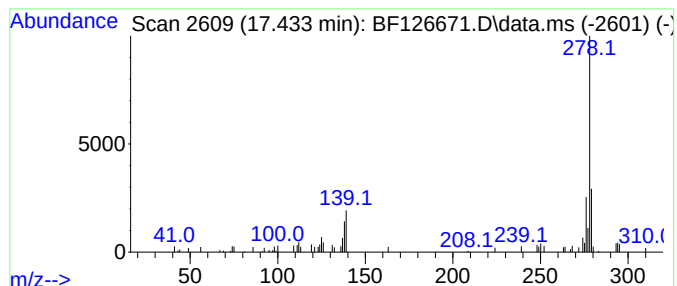
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]chrysene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	2.61 ng	94490	Perylene-d12	15.680

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126671.D
 Acq On : 25 Jan 2022 18:43
 Operator : CG/JU
 Sample : N1245-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(2.5-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.299	10.2	ng	399233	1	6.963	783788	20.0
9H-Fluoren-9-one	11.298	2.9	ng	162069	4	11.498	1129810	20.0
Anthracene, 1,2...	11.357	3.6	ng	206143	4	11.498	1129810	20.0
Dibenzothiophene	11.392	3.0	ng	167035	4	11.498	1129810	20.0
Phenanthrene, 2...	11.998	6.2	ng	349441	4	11.498	1129810	20.0
Phenanthrene, 1...	12.027	7.8	ng	439558	4	11.498	1129810	20.0
Anthracene, 1-m...	12.075	3.1	ng	174537	4	11.498	1129810	20.0
4H-Cyclopenta[d...	12.110	7.6	ng	427279	4	11.498	1129810	20.0
Anthracene, 2-m...	12.133	3.0	ng	172294	4	11.498	1129810	20.0
Naphthalene, 2-...	12.292	3.4	ng	192686	4	11.498	1129810	20.0
9,10-Anthracene...	12.316	2.7	ng	152753	4	11.498	1129810	20.0
Phenanthrene, 2...	12.545	2.8	ng	156372	4	11.498	1129810	20.0
Pyrene, 1-methyl-	13.163	2.9	ng	243226	5	14.145	1657570	20.0
Fluoranthene, 2...	13.374	2.5	ng	210087	5	14.145	1657570	20.0
11H-Benzo[a]flu...	13.980	4.9	ng	402484	5	14.145	1657570	20.0
Triphenylene, 2...	14.539	2.6	ng	216815	5	14.145	1657570	20.0
Perylene	15.339	2.9	ng	104687	6	15.680	724674	20.0
Benzo[e]pyrene	15.545	10.8	ng	391265	6	15.680	724674	20.0
Picene	17.051	2.9	ng	103889	6	15.680	724674	20.0
Benzo[b]chrysene	17.433	2.6	ng	94490	6	15.680	724674	20.0