

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140479.D
 Acq On : 19 Nov 2024 17:43
 Operator : RC/JU
 Sample : P4889-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 #72-11930

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140479.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	12	25	rVB	899687	1410127	30.00%	2.594%
2	5.504	574	580	597	rBV	1745161	2293427	48.79%	4.219%
3	6.510	741	751	769	rBV	1750210	2390510	50.86%	4.397%
4	6.869	807	812	818	rBV	644287	824900	17.55%	1.517%
5	7.434	898	908	918	rBV	1151638	1539370	32.75%	2.832%
6	7.681	945	950	963	rBV	48830	77665	1.65%	0.143%
7	8.151	1023	1030	1048	rBV	791911	1120462	23.84%	2.061%
8	8.798	1134	1140	1147	rBV	44842	78137	1.66%	0.144%
9	8.863	1147	1151	1157	rVB	38672	48335	1.03%	0.089%
10	8.963	1164	1168	1175	rVB	38639	52978	1.13%	0.097%
11	9.228	1207	1213	1222	rBV	2058138	2739615	58.28%	5.040%
12	9.563	1266	1270	1273	rVV	56590	83668	1.78%	0.154%
13	9.622	1276	1280	1286	rVB3	57143	108889	2.32%	0.200%
14	9.769	1300	1305	1310	rBV	439800	559819	11.91%	1.030%
15	9.904	1322	1328	1332	rBV	753157	1011286	21.51%	1.860%
16	9.939	1332	1334	1338	rVB	73425	79469	1.69%	0.146%
17	10.110	1359	1363	1367	rBV2	63918	90697	1.93%	0.167%
18	10.233	1378	1384	1393	rBV3	69343	178233	3.79%	0.328%
19	10.316	1393	1398	1403	rBV5	35065	77356	1.65%	0.142%
20	10.457	1418	1422	1427	rVB2	76761	116805	2.48%	0.215%
21	10.616	1445	1449	1457	rVB2	137891	198951	4.23%	0.366%
22	10.698	1458	1463	1469	rBV	973538	1277744	27.18%	2.350%
23	10.822	1479	1484	1490	rVB3	132828	211918	4.51%	0.390%
24	11.204	1544	1549	1555	rBV	1432731	1966335	41.83%	3.617%
25	11.286	1560	1563	1569	rVB2	103853	169793	3.61%	0.312%
26	11.398	1577	1582	1584	rBV	678815	965265	20.54%	1.776%
27	11.422	1584	1586	1591	rVB	829650	882321	18.77%	1.623%
28	11.475	1591	1595	1598	rBV	213987	263370	5.60%	0.484%
29	11.628	1618	1621	1627	rBV2	84230	136255	2.90%	0.251%
30	11.727	1636	1638	1643	rVB	55490	64407	1.37%	0.118%
31	11.898	1663	1667	1668	rBV	236457	252037	5.36%	0.464%
32	11.927	1668	1672	1677	rVB2	505128	757619	16.12%	1.394%
33	12.010	1682	1686	1695	rVB	339506	710311	15.11%	1.307%
34	12.192	1715	1717	1719	rBV	80155	89994	1.91%	0.166%
35	12.222	1719	1722	1727	rVB	195780	253773	5.40%	0.467%
36	12.375	1746	1748	1751	rBV	62833	57244	1.22%	0.105%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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37	12.451	1757	1761	1764	rBV	282593	421241	8.96%	0.775%
38	12.539	1772	1776	1780	rVB	224332	274180	5.83%	0.504%
39	12.616	1784	1789	1793	rBV	1623873	2058690	43.80%	3.787%
40	12.710	1802	1805	1808	rVB	192788	208949	4.45%	0.384%
41	12.845	1822	1828	1834	rBV	1854668	2805168	59.68%	5.160%
42	12.898	1834	1837	1841	rVB2	150220	190366	4.05%	0.350%
43	12.980	1845	1851	1860	rVB2	1515007	2722918	57.93%	5.009%
44	13.063	1860	1865	1872	rBV4	257288	517924	11.02%	0.953%
45	13.163	1876	1882	1887	rVB	425702	915306	19.47%	1.684%
46	13.210	1887	1890	1892	rBV3	83633	115546	2.46%	0.213%
47	13.239	1892	1895	1897	rVV	133987	166647	3.55%	0.307%
48	13.274	1897	1901	1909	rVB3	324181	533420	11.35%	0.981%
49	13.369	1913	1917	1920	rBV	357727	468086	9.96%	0.861%
50	13.398	1920	1922	1926	rVB	181051	203013	4.32%	0.373%
51	13.680	1967	1970	1975	rVB	235182	333204	7.09%	0.613%
52	13.792	1985	1989	1992	rBV2	229553	375432	7.99%	0.691%
53	13.845	1995	1998	2003	rVB2	343305	478790	10.19%	0.881%
54	14.045	2024	2032	2034	rBV2	1361637	2639837	56.16%	4.856%
55	14.157	2048	2051	2055	rBV3	116212	212024	4.51%	0.390%
56	14.263	2066	2069	2073	rVB2	135932	177512	3.78%	0.327%
57	14.433	2094	2098	2101	rVB	234654	320187	6.81%	0.589%
58	14.468	2101	2104	2107	rVB2	132150	149148	3.17%	0.274%
59	14.557	2116	2119	2127	rVB3	229467	427089	9.09%	0.786%
60	14.933	2180	2183	2191	rVB5	194391	435570	9.27%	0.801%
61	15.104	2206	2212	2226	rBV	1845339	4700430	100.00%	8.647%
62	15.210	2226	2230	2235	rVV	362568	485490	10.33%	0.893%
63	15.415	2259	2265	2270	rVB	1176947	1915482	40.75%	3.524%
64	15.480	2270	2276	2281	rVV	1297251	2011030	42.78%	3.699%
65	15.539	2281	2286	2288	rVV	330857	544791	11.59%	1.002%
66	15.568	2288	2291	2300	rVB2	412205	678331	14.43%	1.248%
67	15.986	2357	2362	2366	rBV	150151	247794	5.27%	0.456%
68	17.045	2534	2542	2548	rBV2	727758	1617491	34.41%	2.975%
69	17.215	2567	2571	2576	rBV	83557	145430	3.09%	0.268%
70	17.280	2577	2582	2587	rBV2	111930	231172	4.92%	0.425%
71	17.504	2612	2620	2633	rVB	627633	1494617	31.80%	2.749%

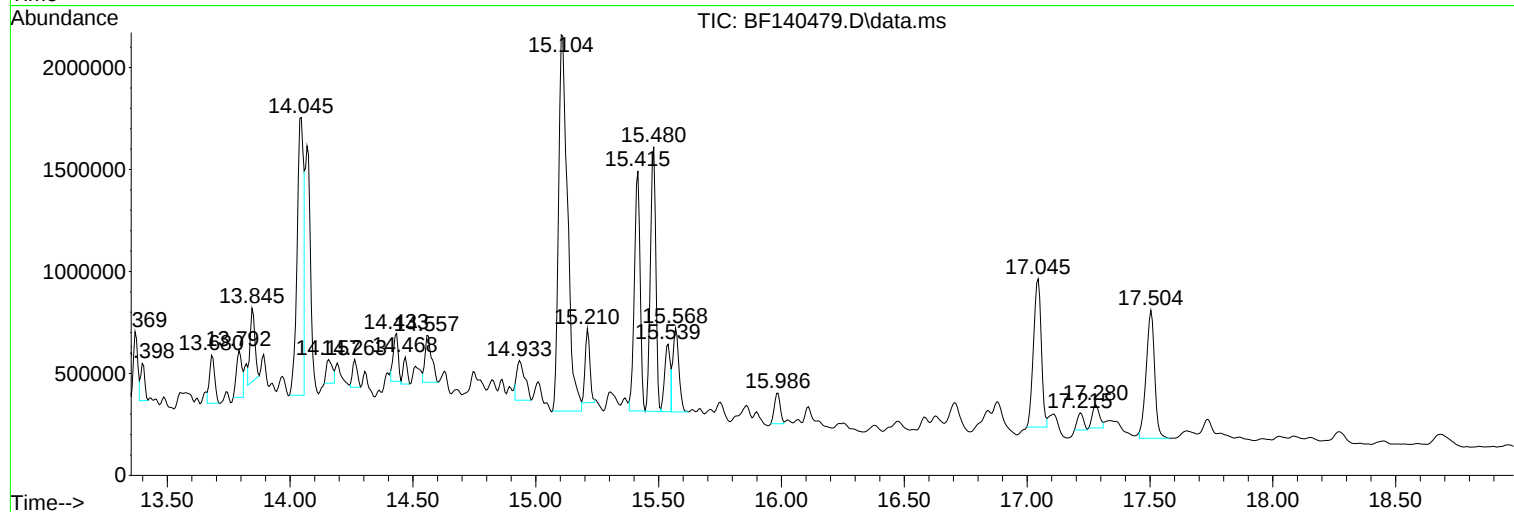
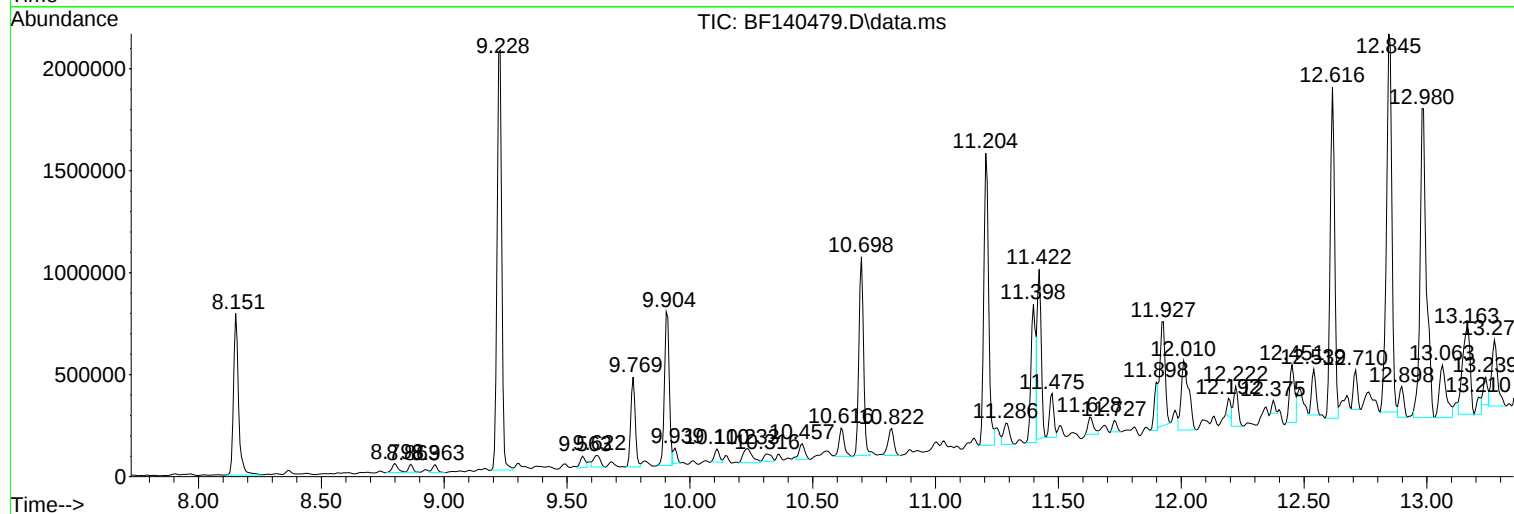
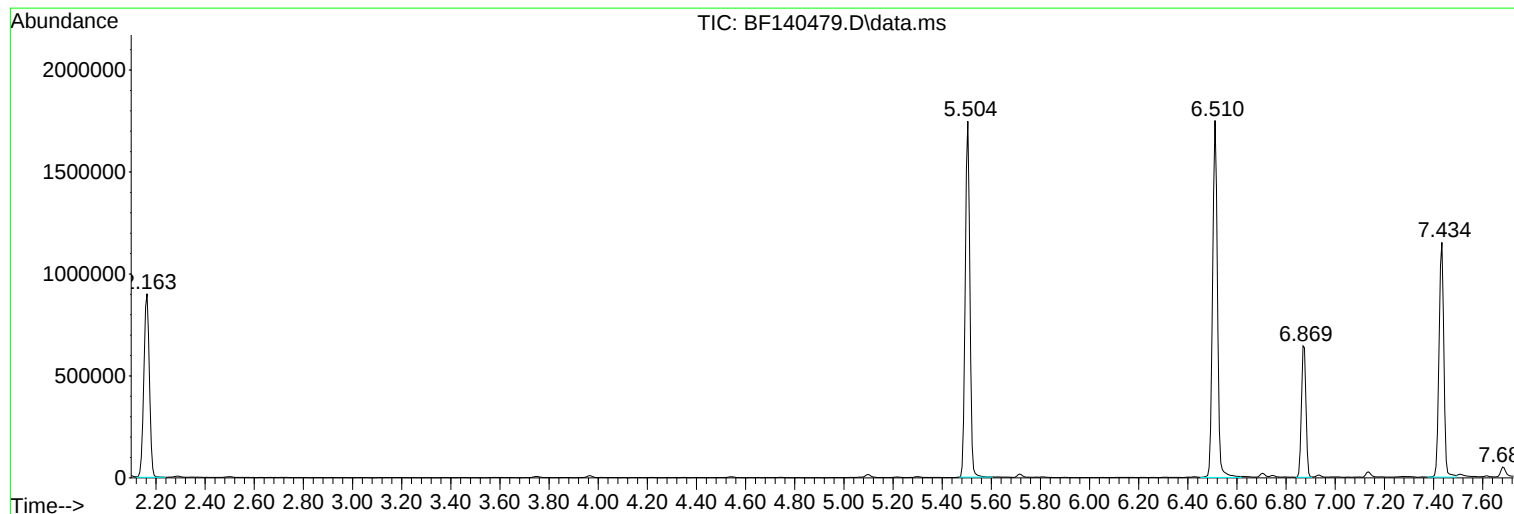
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
#72-11930

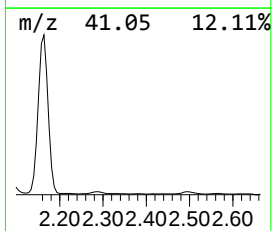
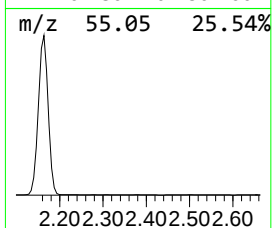
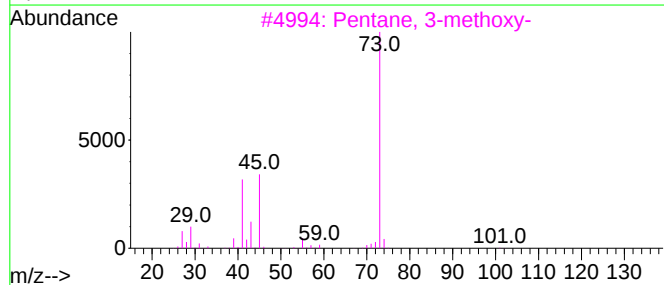
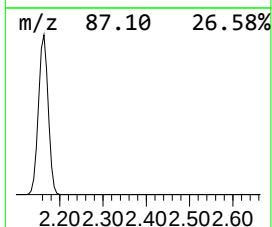
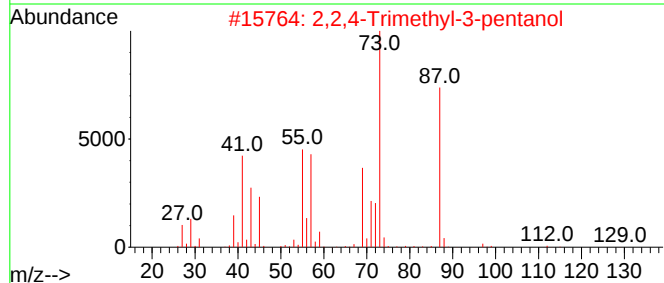
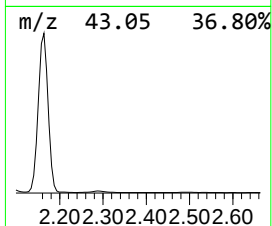
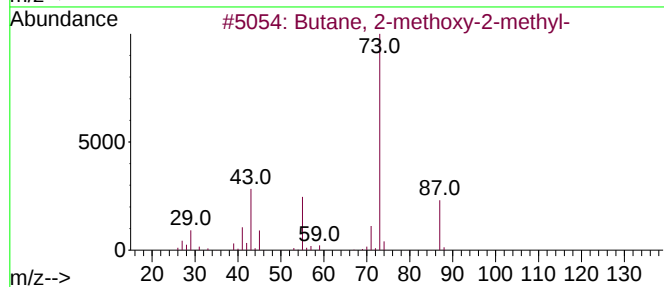
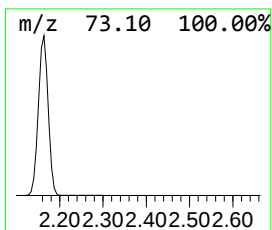
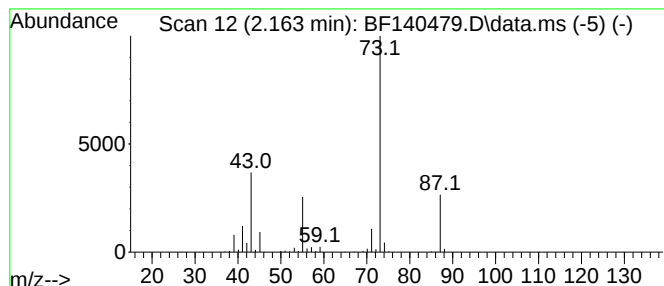
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.163	34.19 ng	1410130	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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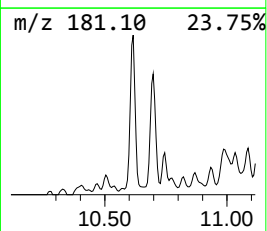
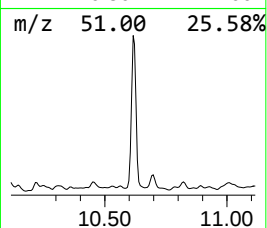
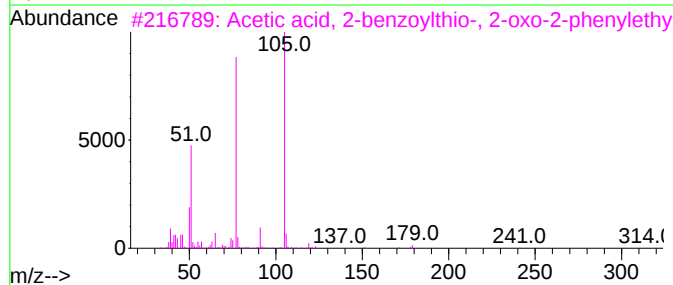
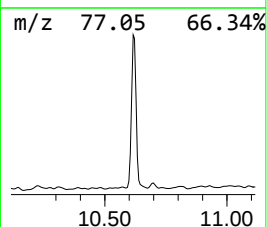
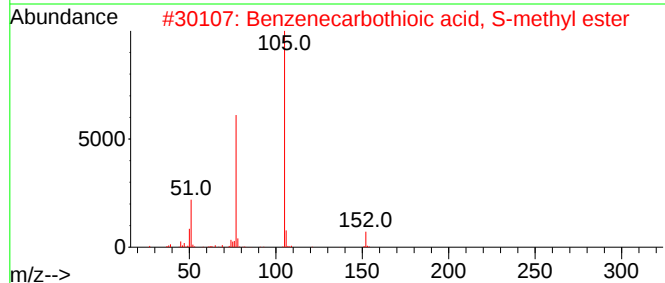
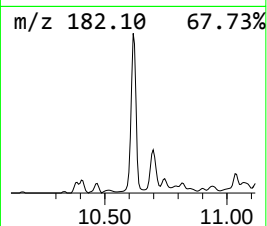
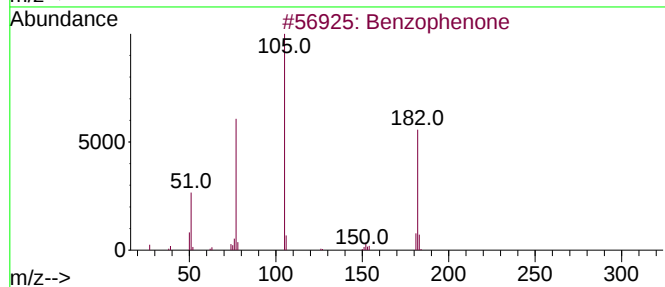
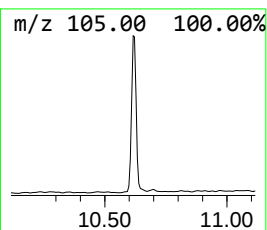
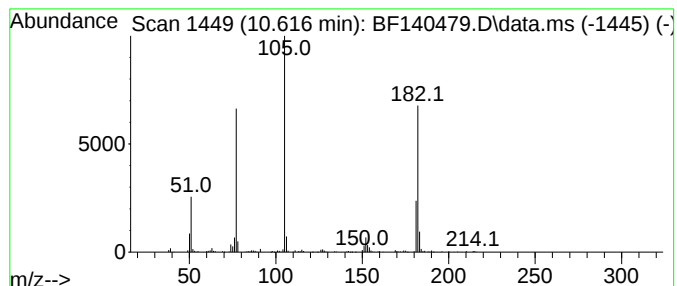
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.93 ng	198951	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Acetic acid, 2-benzoylthio-, 2-o...	314	C17H14O4S	1000260-20-1	38
4			4,5-Diphenyloxazolin-2(3H)-one	237	C15H11NO2	005014-83-5	38
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	38



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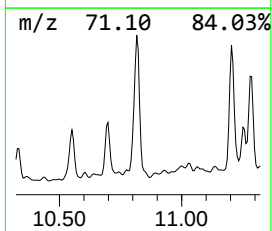
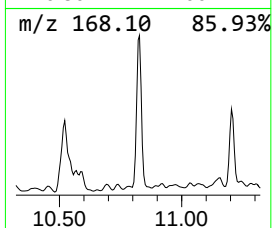
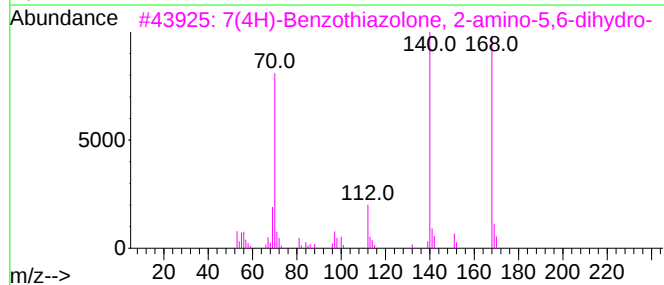
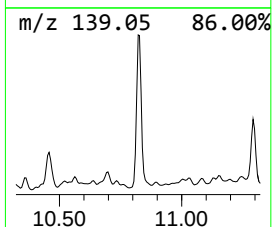
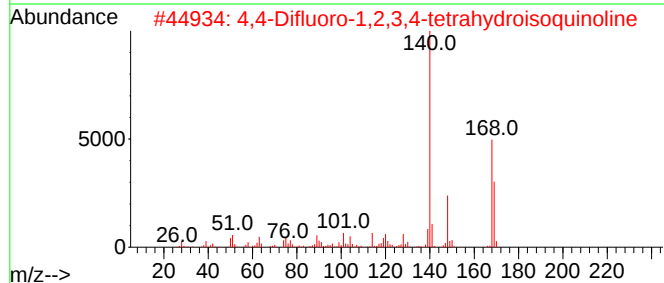
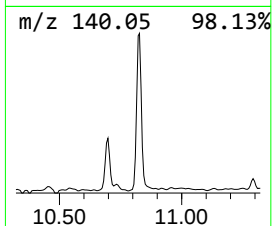
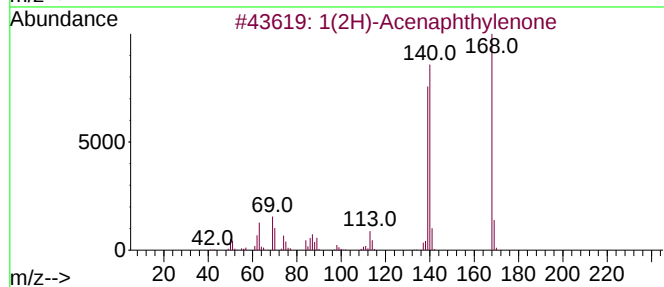
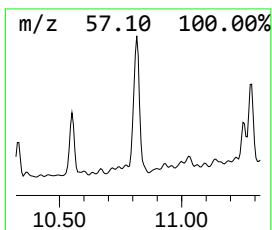
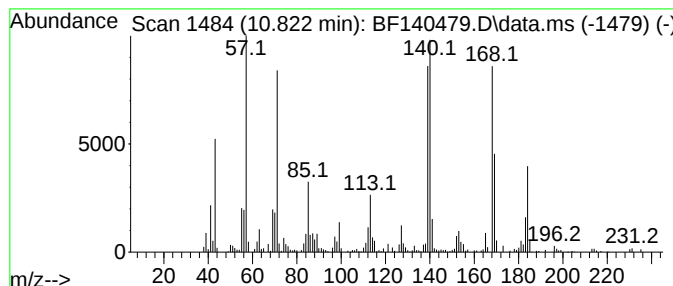
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	4.39 ng	211918	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2			4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	38
3			7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	30
4			Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	25
5			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	25



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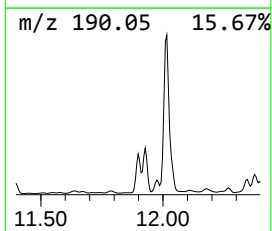
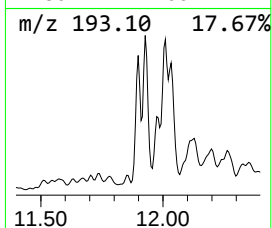
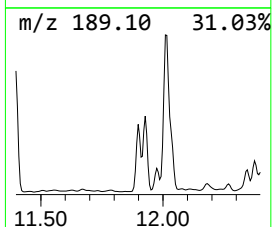
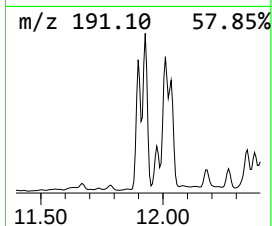
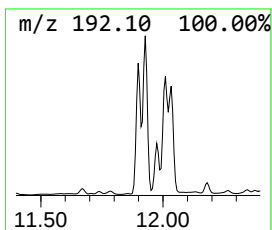
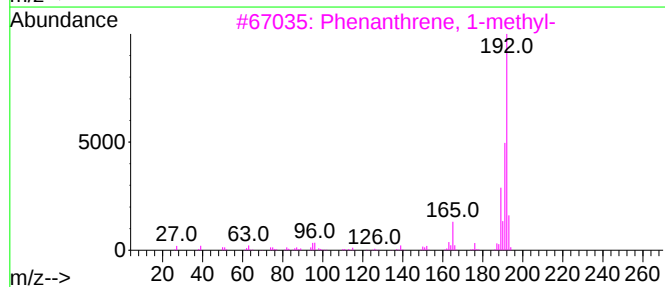
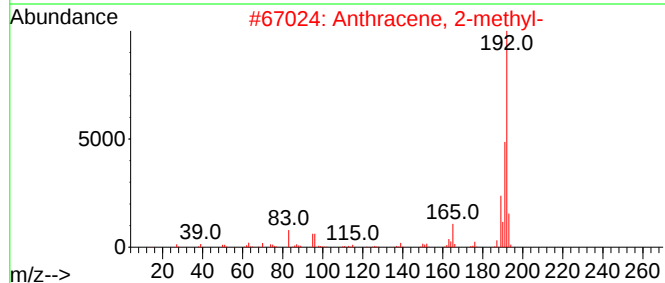
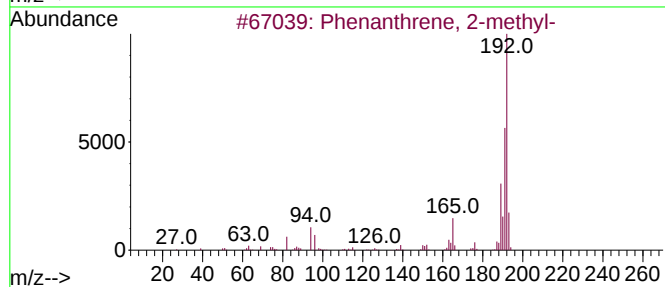
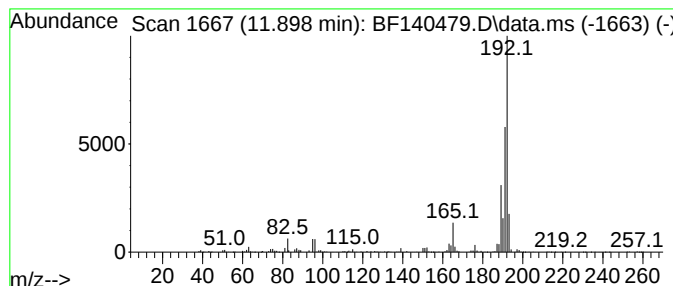
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.22 ng	252037	Phenanthrene-d10	11.398

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	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
#72-11930

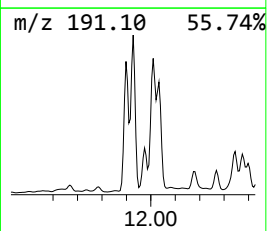
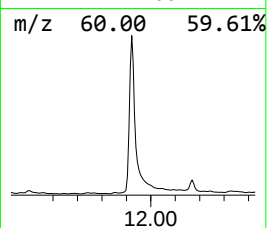
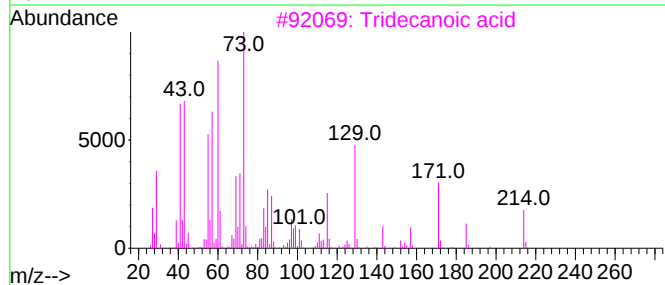
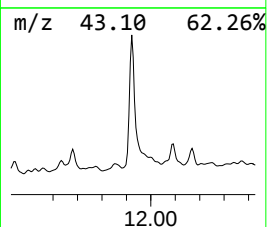
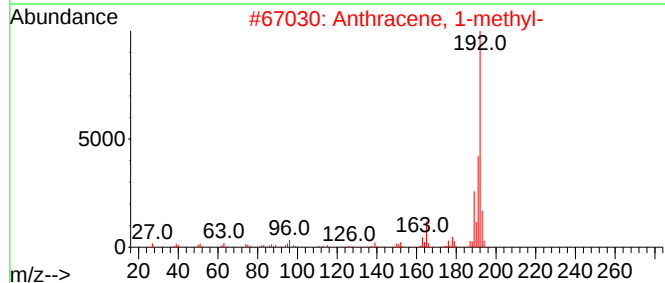
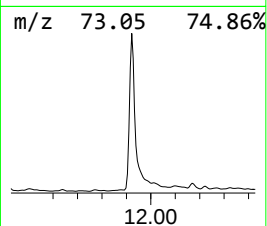
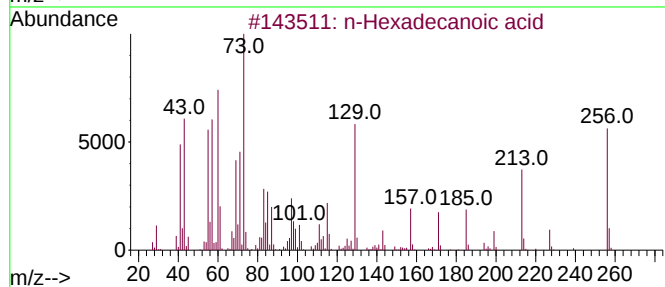
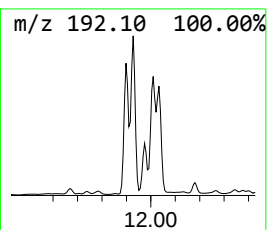
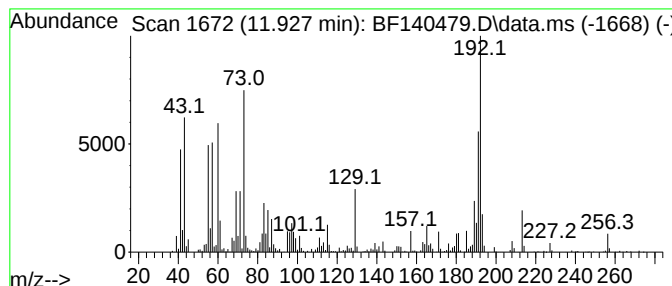
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	15.70 ng	757619	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	92
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	92
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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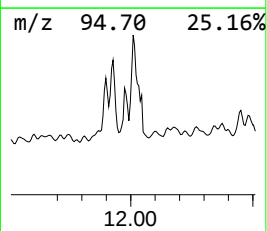
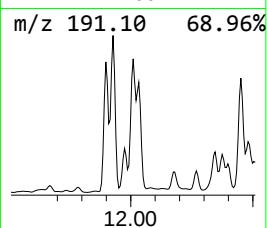
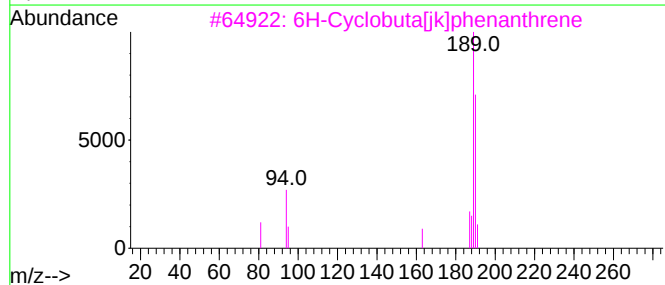
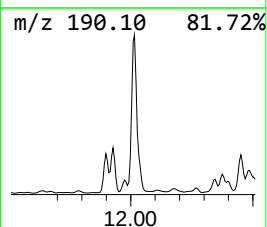
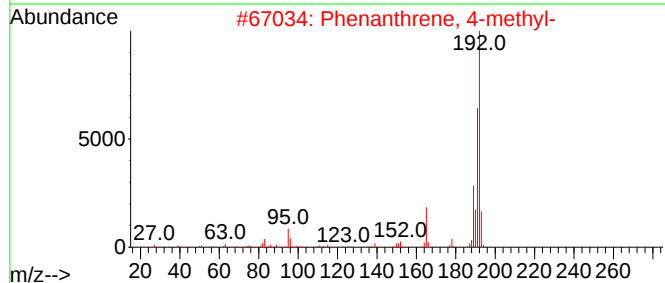
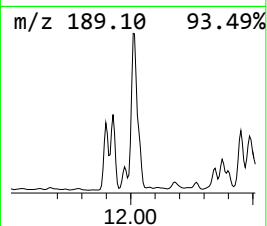
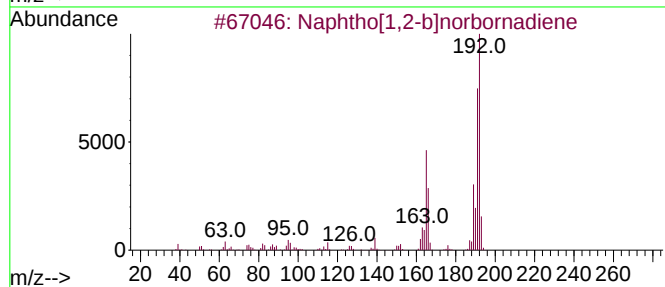
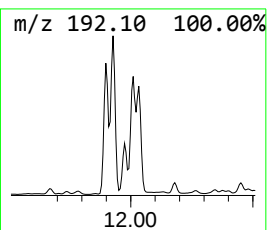
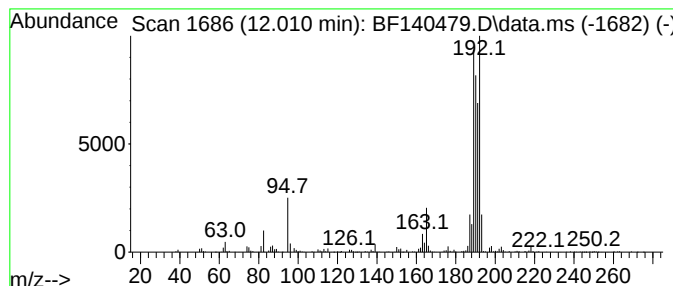
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[1,2-b]norbornadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	14.72 ng	710311	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5			3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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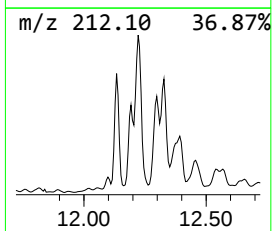
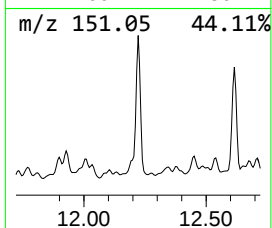
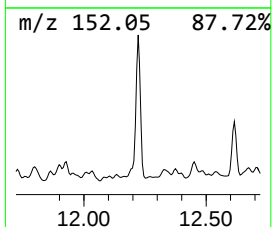
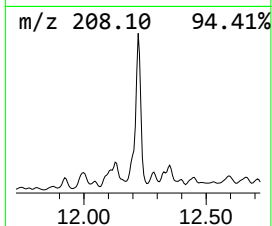
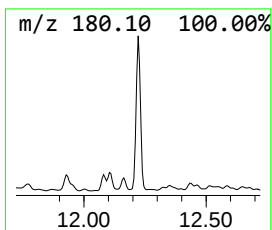
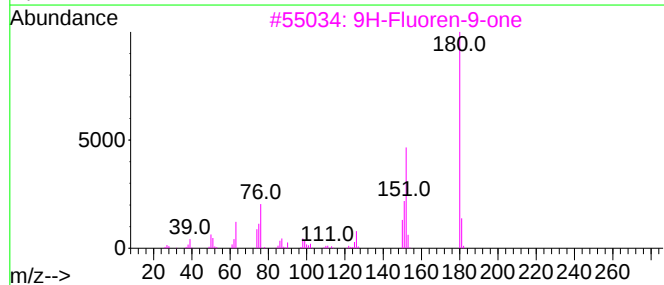
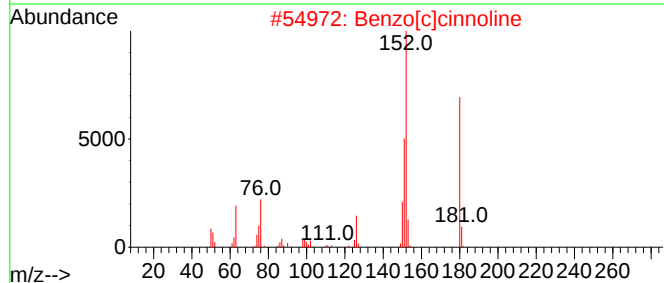
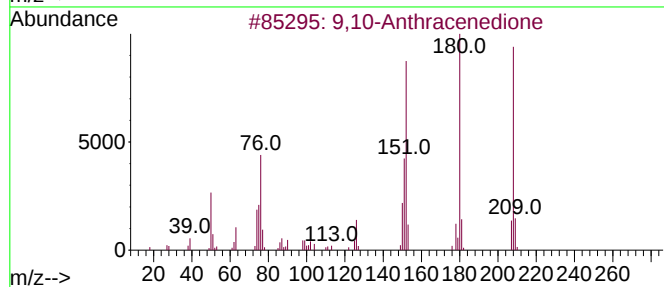
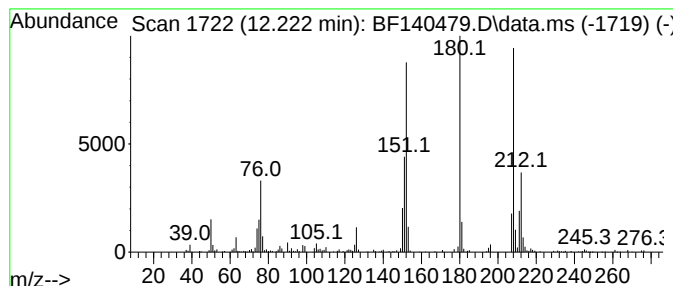
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	5.26 ng	253773	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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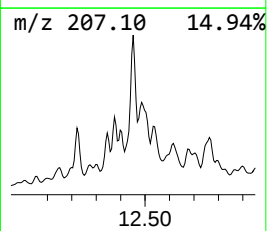
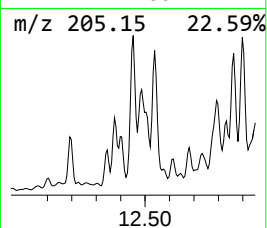
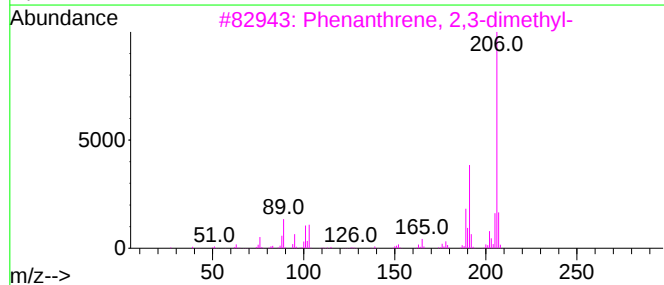
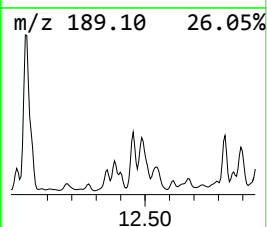
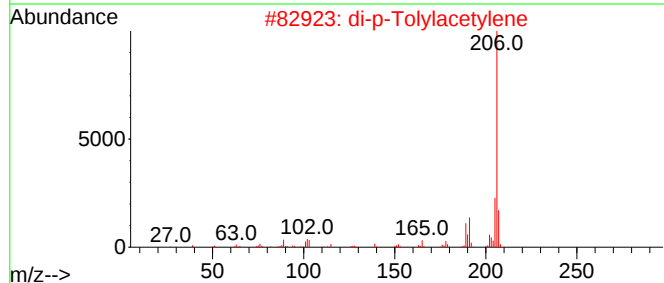
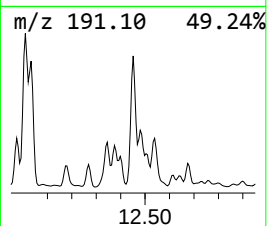
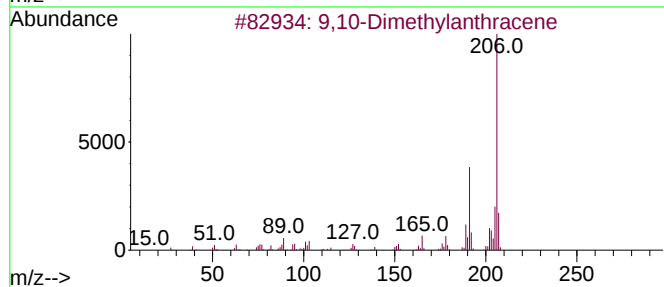
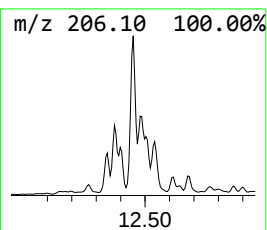
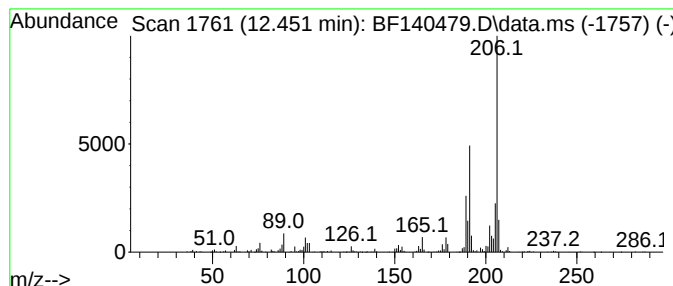
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	8.73 ng	421241	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
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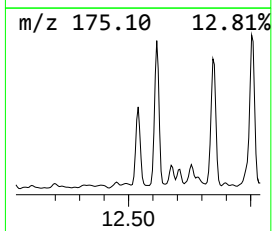
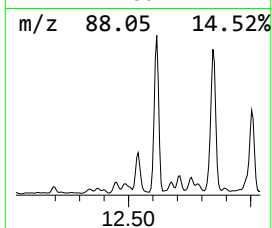
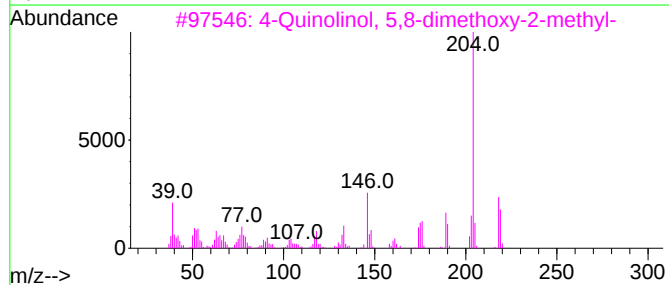
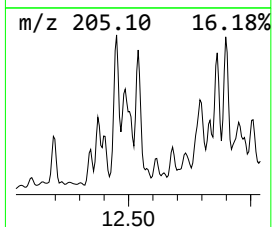
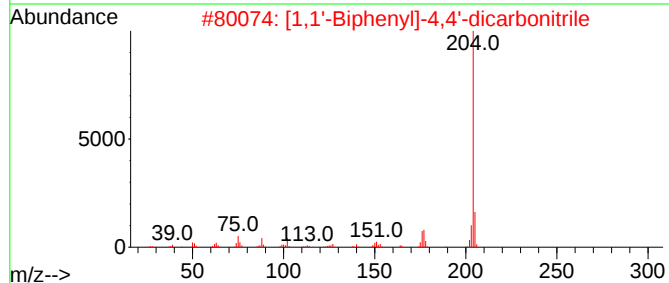
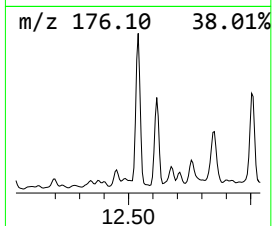
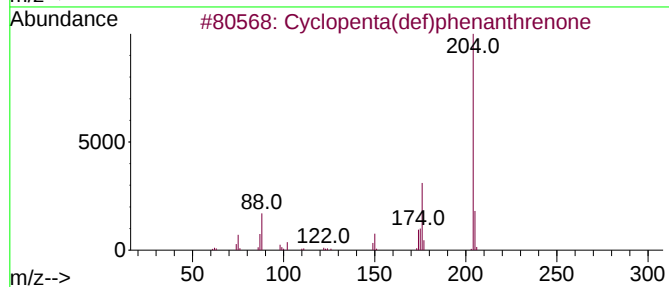
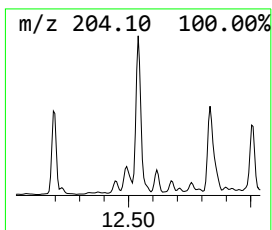
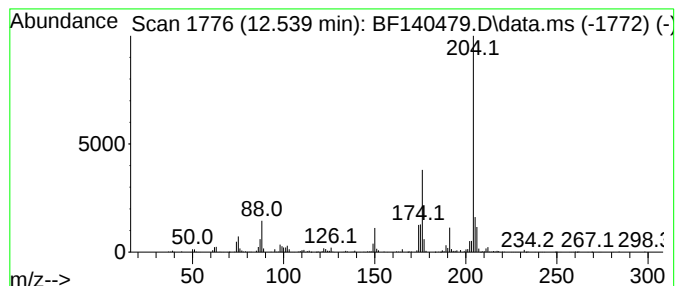
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.539	5.68 ng	274180	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
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Misc :
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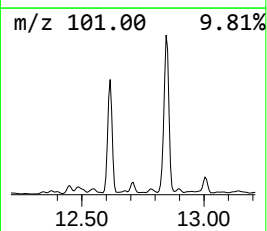
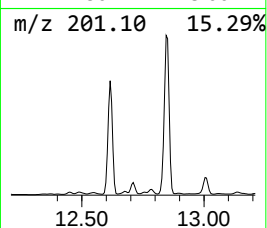
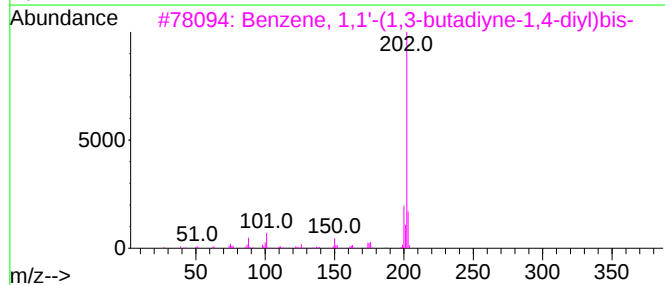
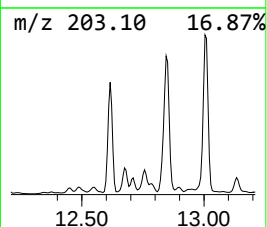
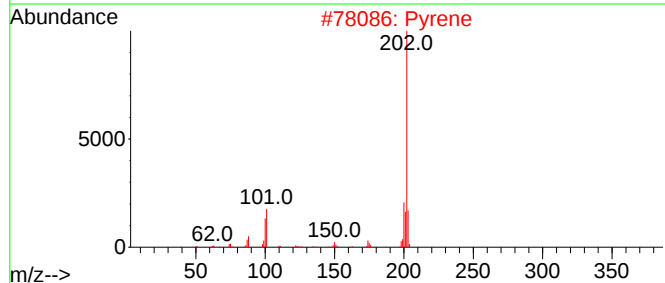
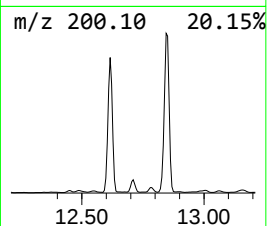
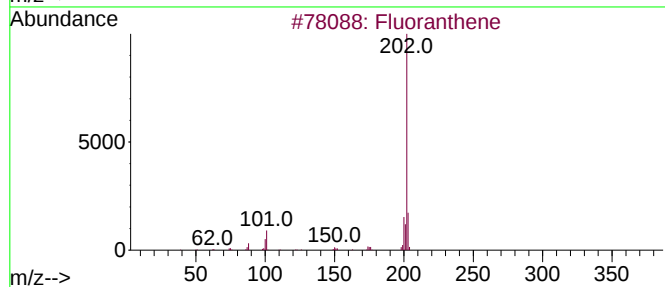
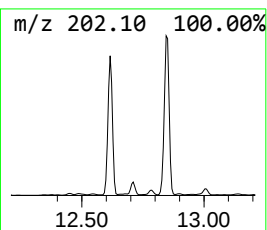
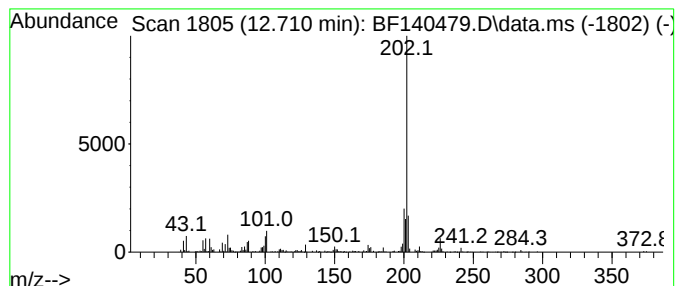
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	4.33 ng	208949	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene	202	C16H10	000206-44-0	96
2			Pyrene	202	C16H10	000129-00-0	86
3			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4			1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	56
5			(2S,4aS,5R,8aS)-2-Allyl-5-((Z)-p...	243	C17H25N	067217-82-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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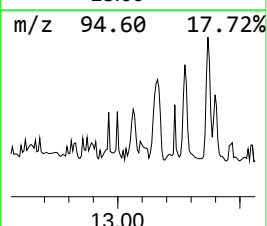
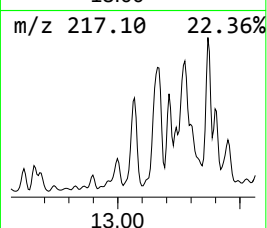
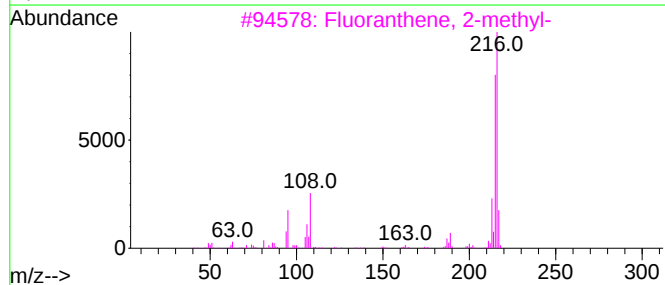
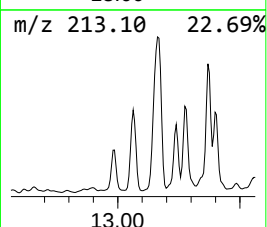
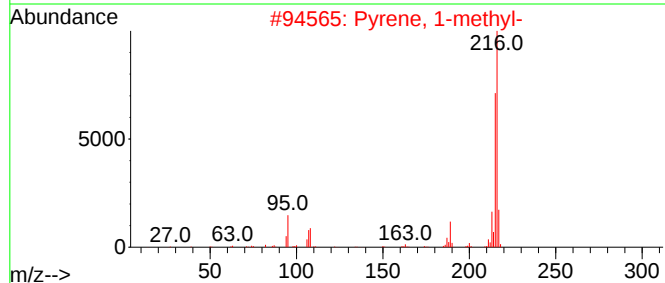
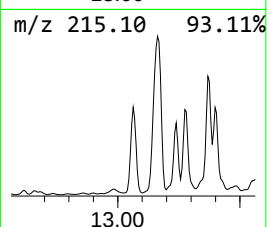
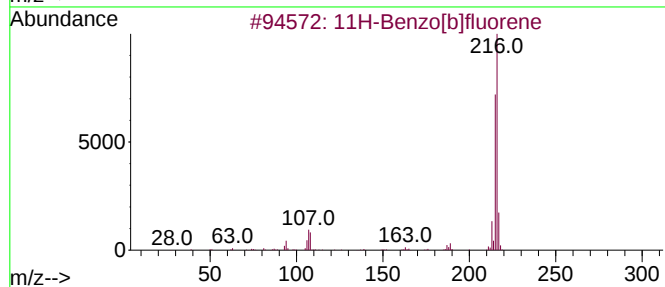
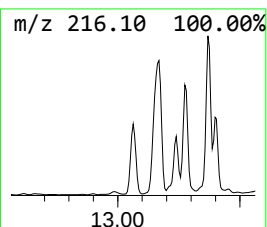
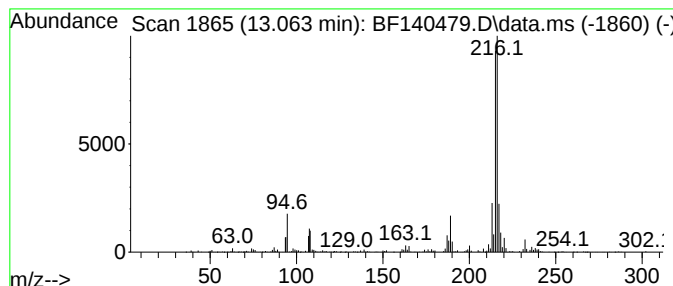
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	3.92 ng	517924	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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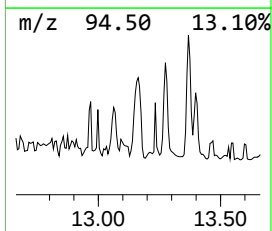
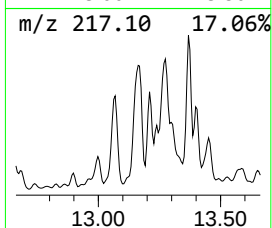
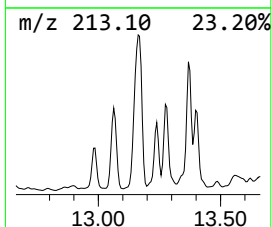
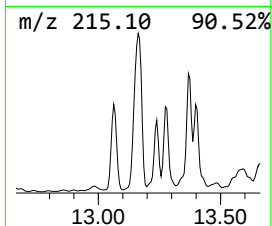
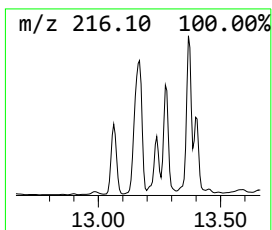
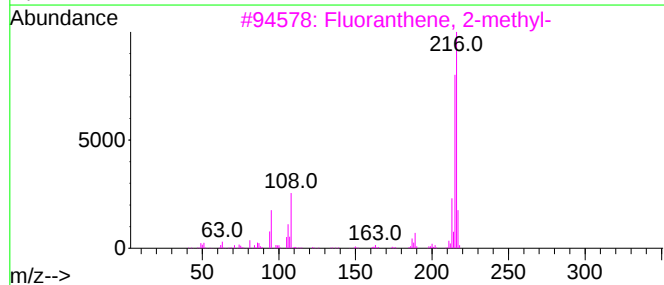
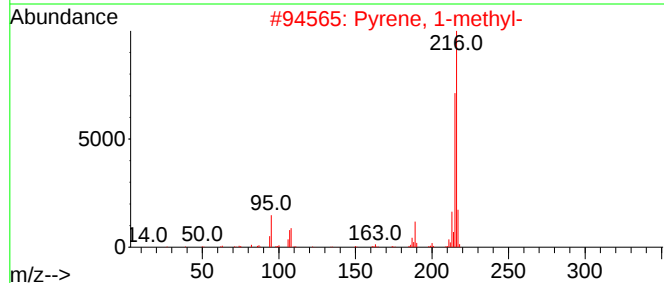
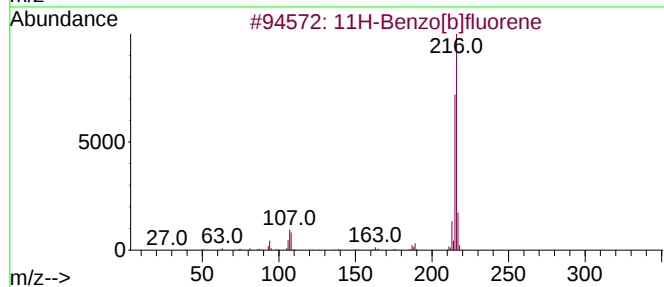
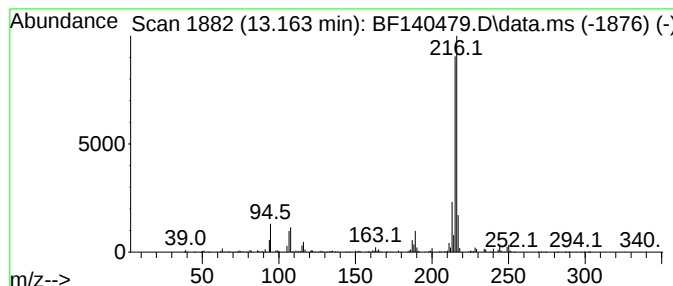
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	6.93 ng	915306	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

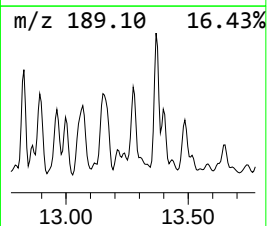
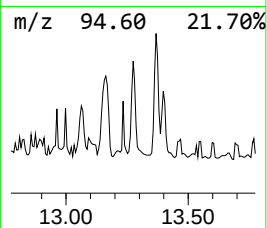
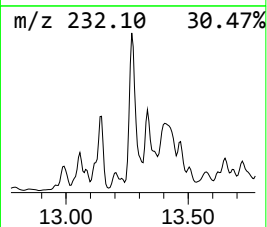
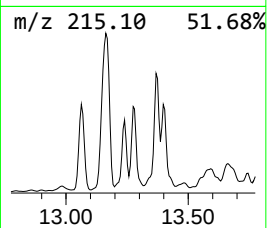
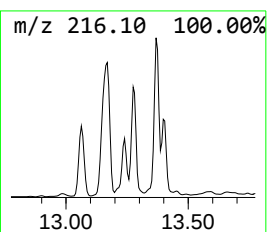
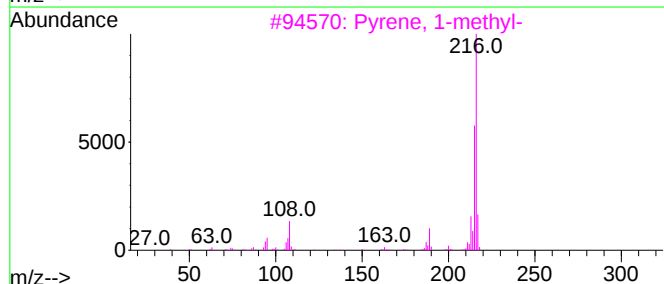
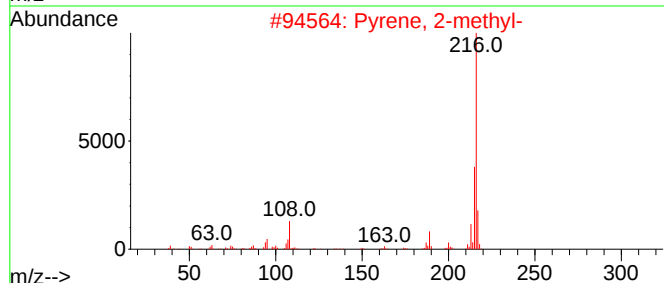
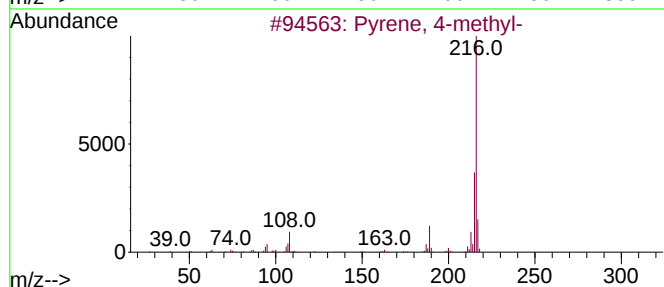
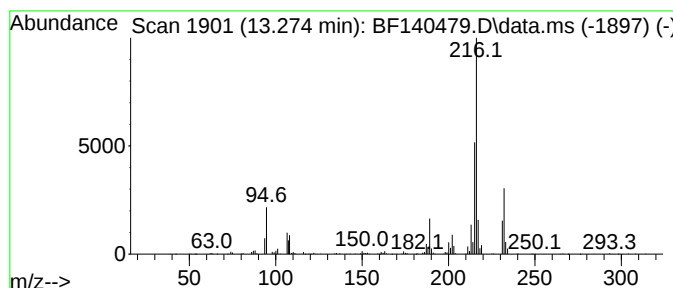
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.275	4.04 ng	533420	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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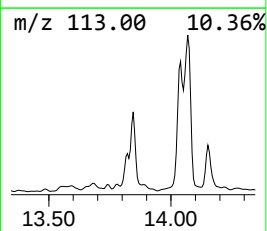
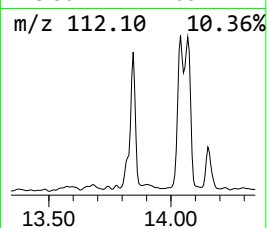
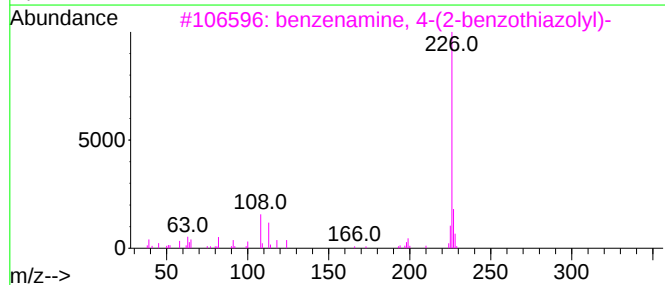
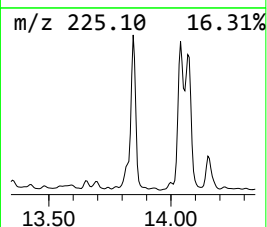
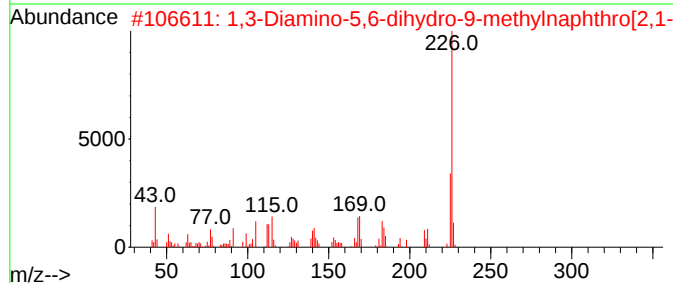
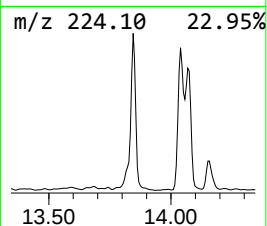
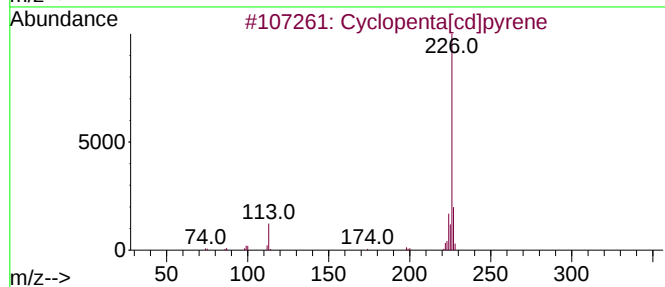
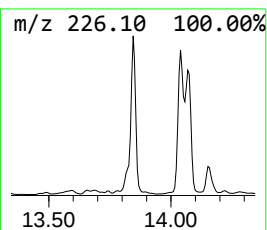
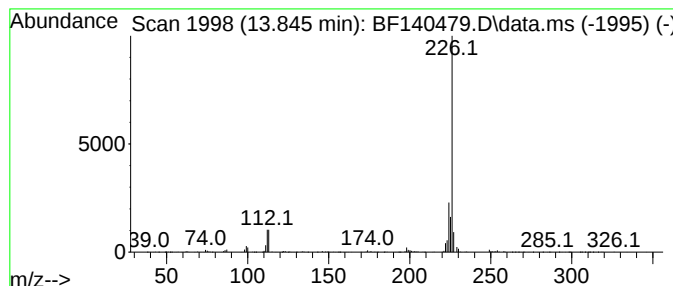
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.63 ng	478790	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2			1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	33
5			Indole, 3-[1-methoxy-1-(2-thieny...	257	C15H15NOS	080398-09-0	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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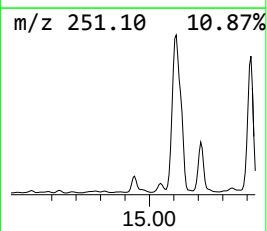
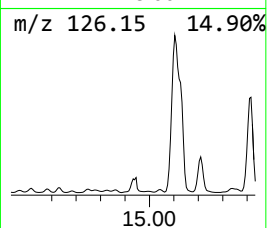
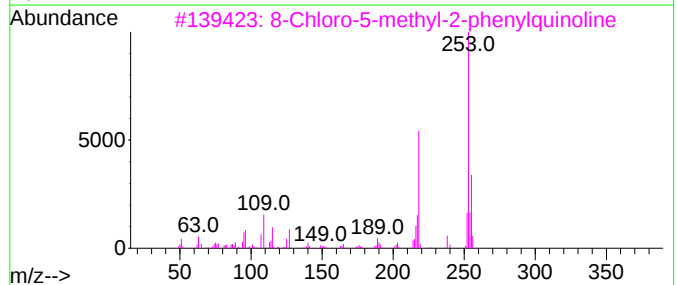
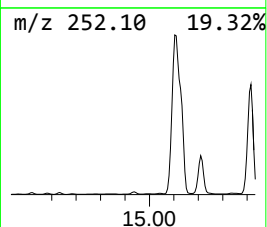
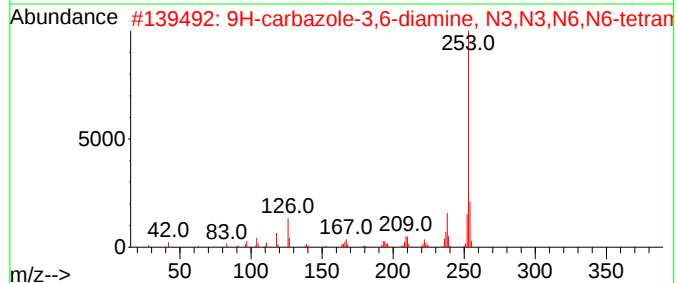
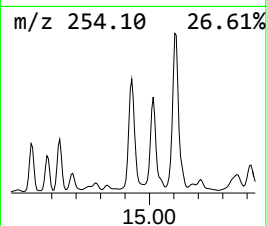
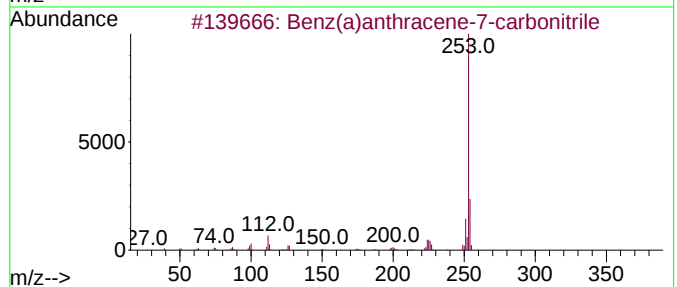
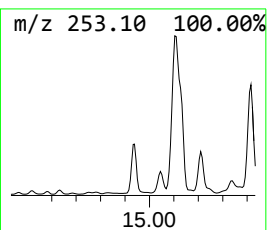
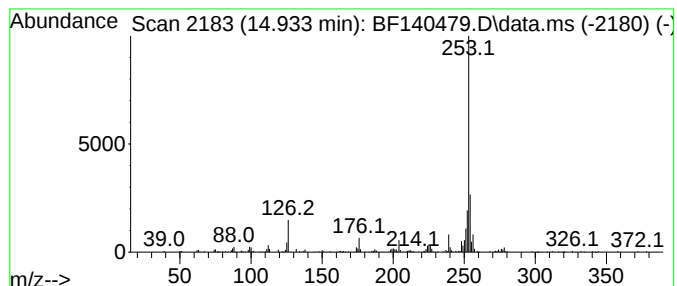
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz(a)anthracene-7-carboni... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	15.99 ng	435570	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2			9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	56
3			8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	53
4			Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	47
5			5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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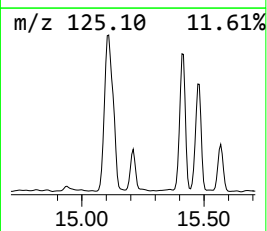
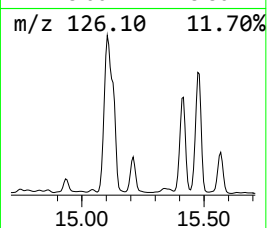
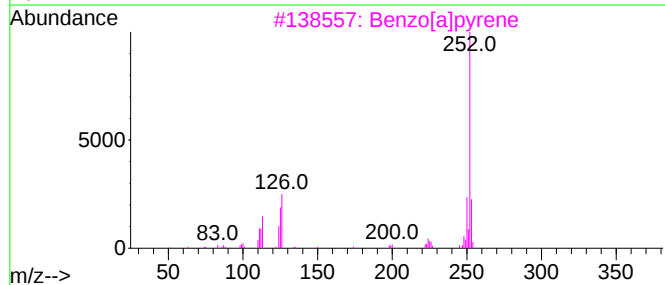
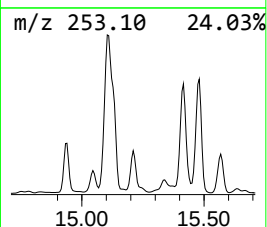
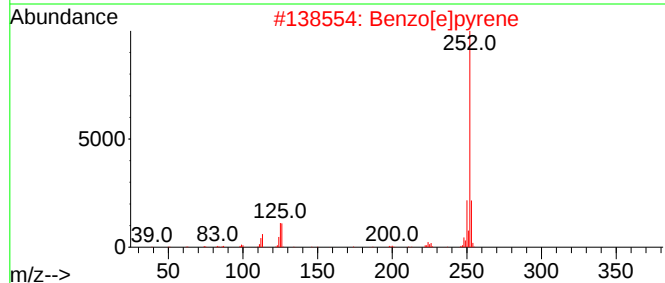
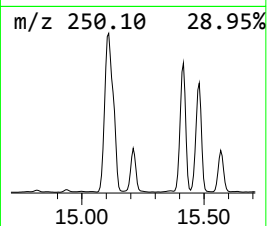
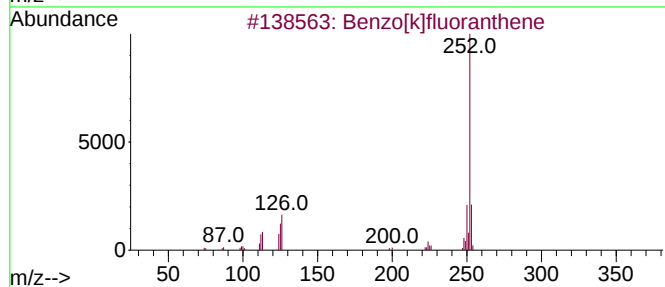
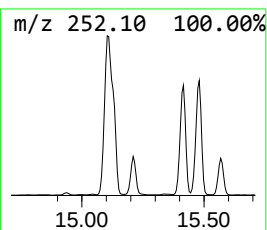
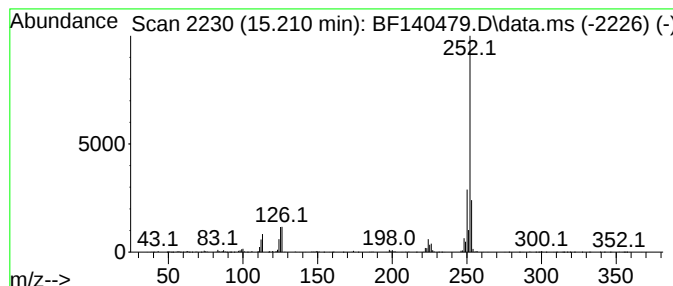
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	17.82 ng	485490	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
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Acq On : 19 Nov 2024 17:43
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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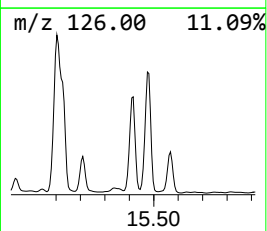
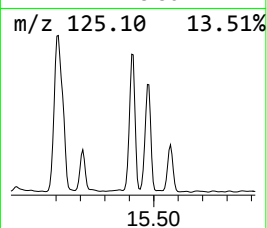
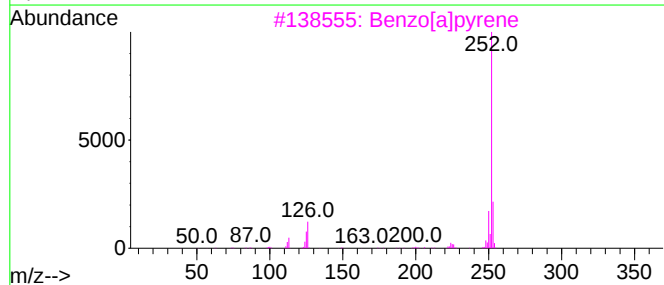
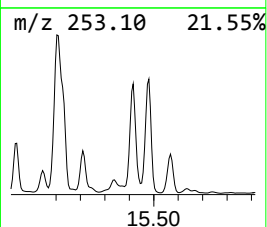
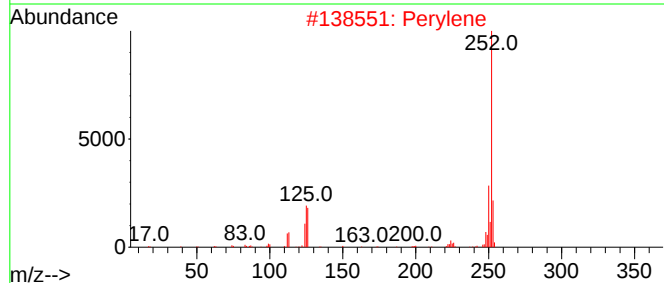
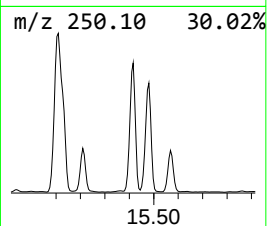
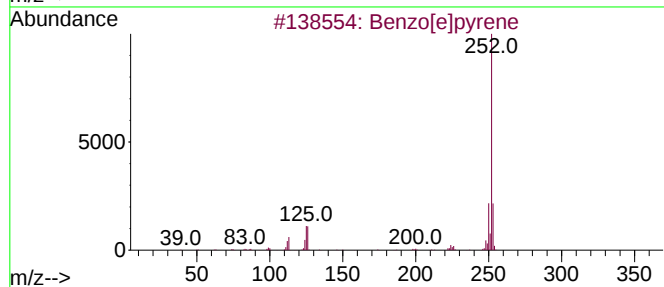
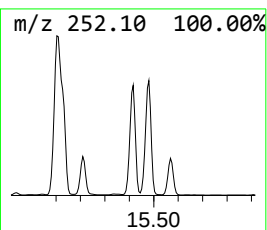
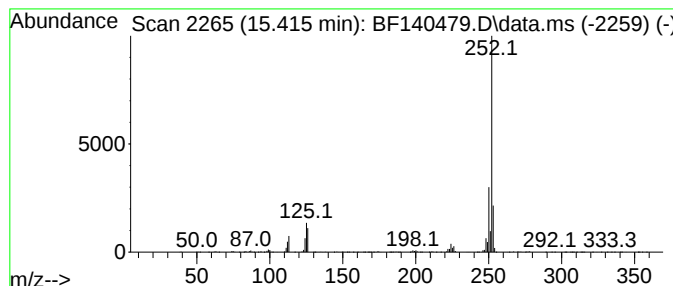
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	70.32 ng	1915480	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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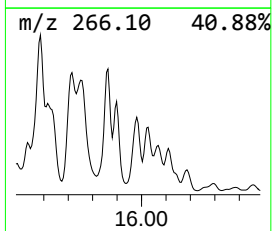
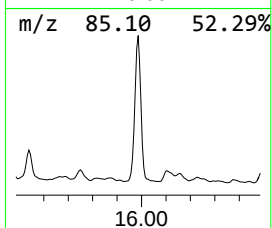
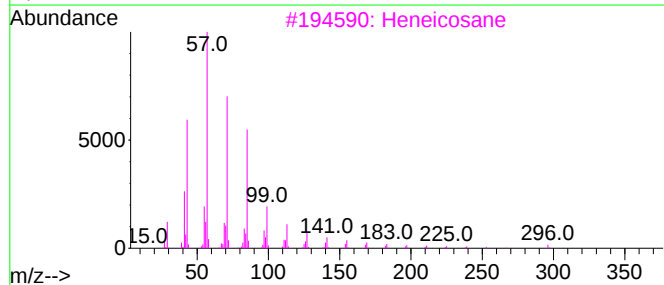
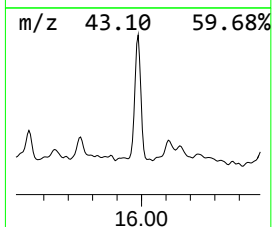
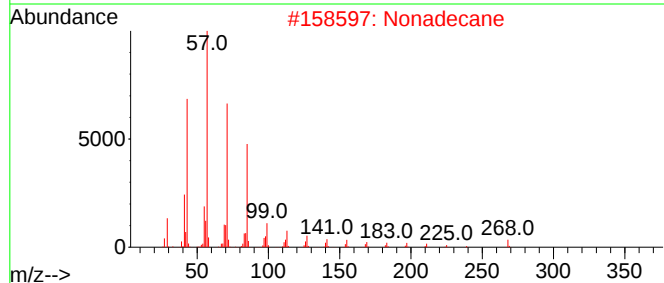
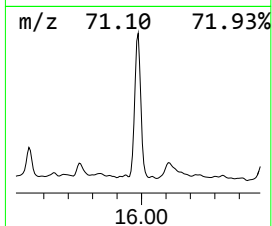
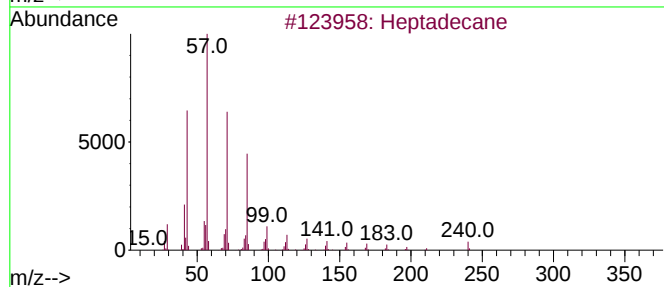
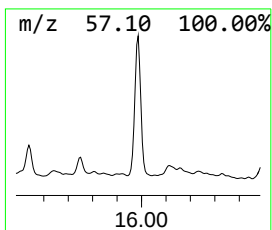
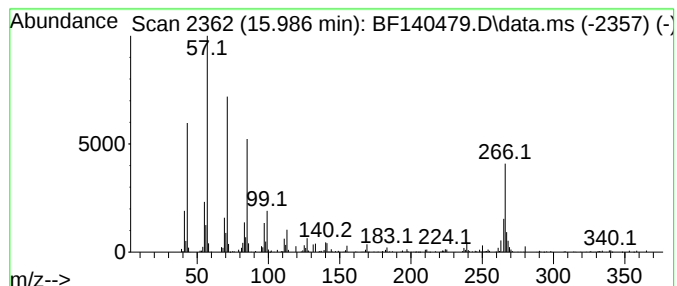
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	9.10 ng	247794	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Nonadecane	268	C19H40	000629-92-5	70
3		Heneicosane	296	C21H44	000629-94-7	60
4		Hexacosane	366	C26H54	000630-01-3	55
5		Octacosane	394	C28H58	000630-02-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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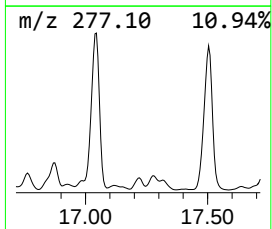
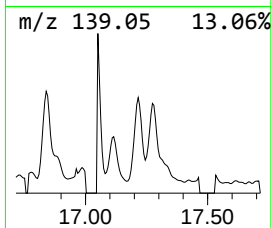
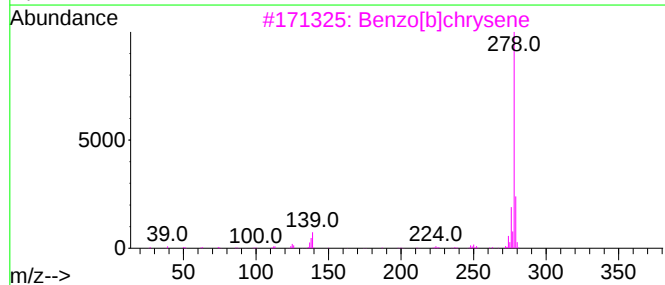
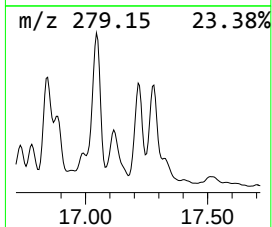
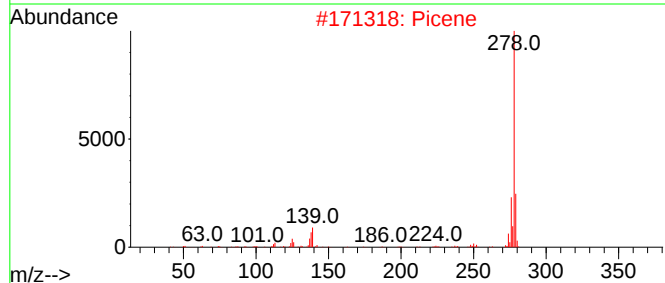
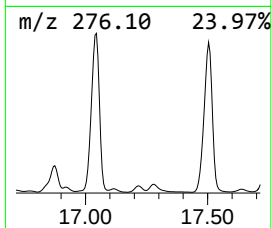
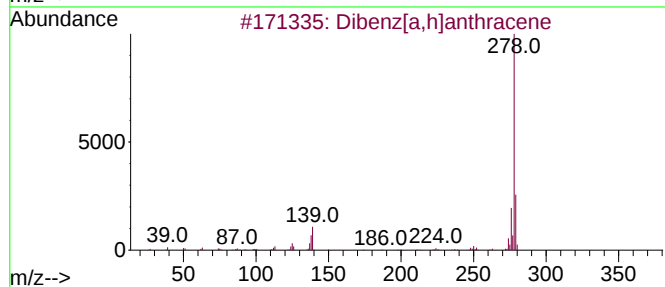
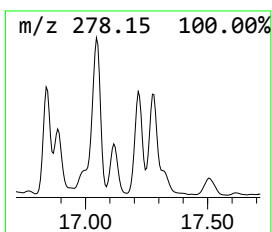
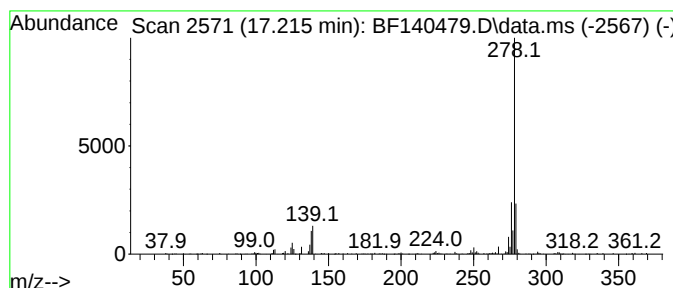
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.215	5.34 ng	145430	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	99
2		Picene	278	C22H14	000213-46-7	98
3		Benzo[b]chrysene	278	C22H14	000214-17-5	98
4		Pentaphene	278	C22H14	000222-93-5	96
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
#72-11930

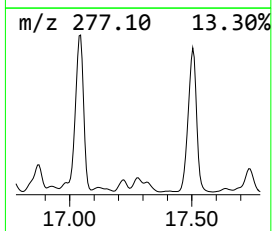
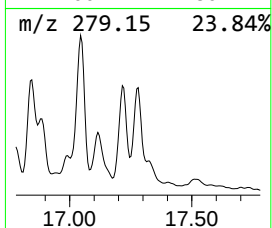
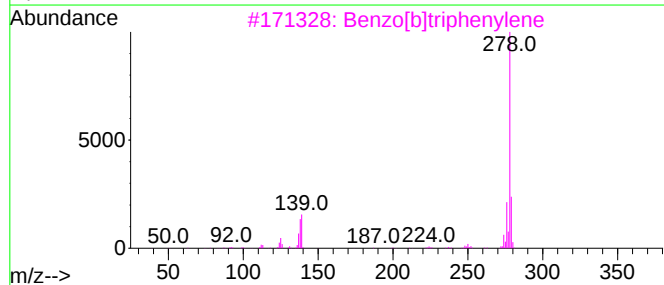
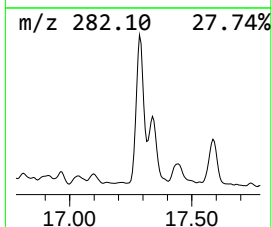
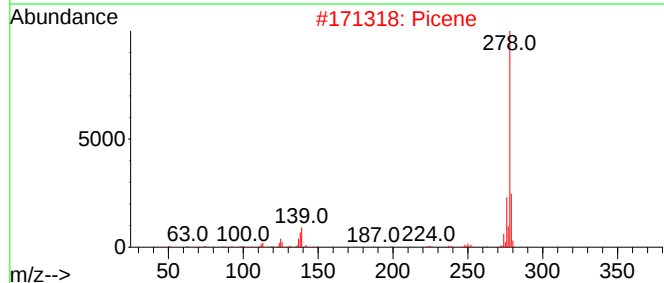
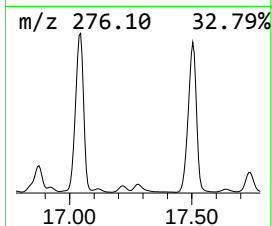
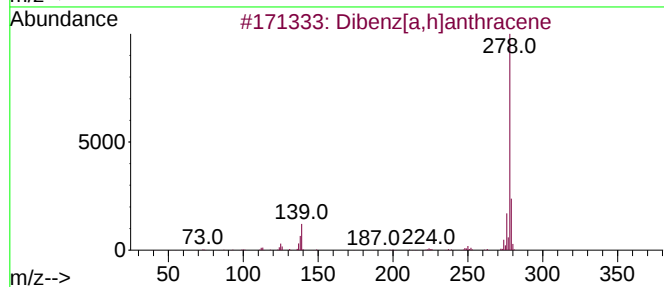
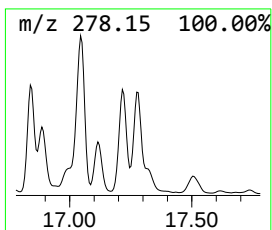
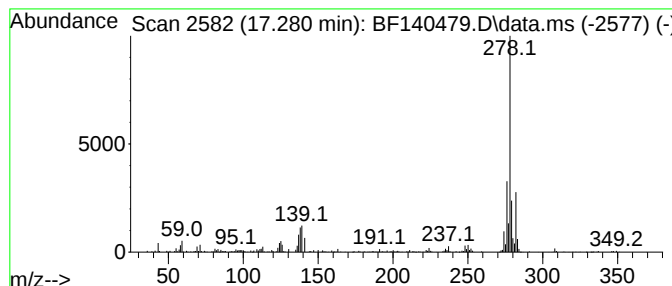
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	8.49 ng	231172	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
2		Picene	278	C22H14	000213-46-7	96
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4		Pentaphene	278	C22H14	000222-93-5	93
5		Benzo[b]chrysene	278	C22H14	000214-17-5	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140479.D
Acq On : 19 Nov 2024 17:43
Operator : RC/JU
Sample : P4889-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
#72-11930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.163	34.2	ng	1410130	1	6.875	824900	20.0
Benzophenone	10.616	3.9	ng	198951	3	9.904	1011290	20.0
1(2H)-Acenaphth...	10.822	4.4	ng	211918	4	11.398	965265	20.0
Phenanthrene, 2...	11.898	5.2	ng	252037	4	11.398	965265	20.0
n-Hexadecanoic ...	11.928	15.7	ng	757619	4	11.398	965265	20.0
Naphtho[1,2-b]n...	12.010	14.7	ng	710311	4	11.398	965265	20.0
9,10-Anthracene...	12.222	5.3	ng	253773	4	11.398	965265	20.0
9,10-Dimethylan...	12.451	8.7	ng	421241	4	11.398	965265	20.0
Cyclopenta(def)...	12.539	5.7	ng	274180	4	11.398	965265	20.0
Benzene, 1,1'-(...	12.710	4.3	ng	208949	4	11.398	965265	20.0
11H-Benzo[b]flu...	13.063	3.9	ng	517924	5	14.045	2639840	20.0
Pyrene, 1-methyl-	13.163	6.9	ng	915306	5	14.045	2639840	20.0
Pyrene, 4-methyl-	13.275	4.0	ng	533420	5	14.045	2639840	20.0
Cyclopenta[cd]p...	13.845	3.6	ng	478790	5	14.045	2639840	20.0
Benz(a)anthrace...	14.933	16.0	ng	435570	6	15.539	544791	20.0
Benzo[e]pyrene	15.210	17.8	ng	485490	6	15.539	544791	20.0
Perylene	15.416	70.3	ng	1915480	6	15.539	544791	20.0
Heptadecane	15.986	9.1	ng	247794	6	15.539	544791	20.0
Picene	17.215	5.3	ng	145430	6	15.539	544791	20.0
Benzo[b]triphen...	17.280	8.5	ng	231172	6	15.539	544791	20.0