

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142144.D
 Acq On : 28 Mar 2025 00:38
 Operator : RC/JU
 Sample : Q1648-09 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	18	rVB	254739	348297	21.70%	1.436%
2	4.598	420	426	434	rBV	76246	112786	7.03%	0.465%
3	5.075	498	507	518	rBV	29000	47781	2.98%	0.197%
4	5.475	570	575	593	rBV	490322	673142	41.94%	2.776%
5	6.487	742	747	772	rBV	527748	730457	45.51%	3.012%
6	6.869	807	812	825	rBV	647235	827111	51.53%	3.411%
7	7.428	901	907	928	rBV	348330	501531	31.25%	2.068%
8	8.151	1024	1030	1053	rBV	842871	1159793	72.26%	4.783%
9	8.869	1148	1152	1163	rVB	16589	24300	1.51%	0.100%
10	8.963	1163	1168	1177	rBV	26312	37012	2.31%	0.153%
11	9.222	1207	1212	1223	rBV	773509	1021434	63.64%	4.212%
12	9.492	1252	1258	1265	rBV	21274	33561	2.09%	0.138%
13	9.563	1265	1270	1273	rBV	41884	60834	3.79%	0.251%
14	9.592	1273	1275	1279	rVB	22711	24078	1.50%	0.099%
15	9.680	1285	1290	1299	rVV	20938	35903	2.24%	0.148%
16	9.763	1299	1304	1311	rVB2	16320	22639	1.41%	0.093%
17	9.904	1320	1328	1332	rBV	1010641	1320260	82.26%	5.445%
18	9.939	1332	1334	1342	rVB	149592	161719	10.08%	0.667%
19	10.063	1351	1355	1358	rBV2	13470	17595	1.10%	0.073%
20	10.110	1358	1363	1367	rBV2	71894	98364	6.13%	0.406%
21	10.145	1367	1369	1374	rVB	21217	27115	1.69%	0.112%
22	10.222	1377	1382	1385	rBV	22302	31052	1.93%	0.128%
23	10.251	1385	1387	1392	rVB	15988	18390	1.15%	0.076%
24	10.316	1392	1398	1405	rBV3	20499	48093	3.00%	0.198%
25	10.451	1416	1421	1427	rBV2	115810	161796	10.08%	0.667%
26	10.516	1427	1432	1434	rBV	22853	38979	2.43%	0.161%
27	10.616	1443	1449	1455	rVB2	86397	134971	8.41%	0.557%
28	10.692	1457	1462	1468	rBV	377587	510586	31.81%	2.106%
29	10.816	1477	1483	1490	rVB4	29732	54426	3.39%	0.224%
30	10.998	1508	1514	1518	rBV4	40212	85563	5.33%	0.353%
31	11.080	1523	1528	1531	rVB5	13589	25259	1.57%	0.104%
32	11.127	1531	1536	1538	rBV3	37272	56326	3.51%	0.232%
33	11.198	1544	1548	1552	rVB	52301	64783	4.04%	0.267%
34	11.245	1552	1556	1560	rVV2	40619	72327	4.51%	0.298%
35	11.286	1560	1563	1570	rVB	71944	104384	6.50%	0.430%
36	11.392	1576	1581	1583	rBV	916689	1253065	78.07%	5.168%

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37	11.416	1583	1585	1590	rVV	1306858	1523804	94.94%	6.284%
38	11.469	1590	1594	1598	rVB	240832	307185	19.14%	1.267%
39	11.621	1615	1620	1628	rBV3	56872	122531	7.63%	0.505%
40	11.686	1628	1631	1635	rVV3	37756	55828	3.48%	0.230%
41	11.727	1635	1638	1643	rVB4	19939	30461	1.90%	0.126%
42	11.892	1661	1666	1668	rBV	130652	168559	10.50%	0.695%
43	11.921	1668	1671	1675	rVB	180858	223475	13.92%	0.922%
44	11.969	1675	1679	1682	rBV	62050	80213	5.00%	0.331%
45	12.004	1682	1685	1694	rVB2	195992	379351	23.63%	1.564%
46	12.092	1694	1700	1704	rBV6	16583	37593	2.34%	0.155%
47	12.192	1708	1717	1719	rBV	100319	150302	9.36%	0.620%
48	12.263	1726	1729	1734	rVB2	12777	17399	1.08%	0.072%
49	12.339	1737	1742	1745	rVV	33940	51506	3.21%	0.212%
50	12.392	1749	1751	1755	rVV	22824	26566	1.66%	0.110%
51	12.445	1755	1760	1763	rVV	65445	105215	6.56%	0.434%
52	12.480	1763	1766	1771	rVV3	52957	98265	6.12%	0.405%
53	12.527	1771	1774	1780	rVB3	56988	84144	5.24%	0.347%
54	12.604	1782	1787	1792	rBV	1229542	1605069	100.00%	6.619%
55	12.668	1792	1798	1802	rVB2	20238	40904	2.55%	0.169%
56	12.757	1805	1813	1819	rBV3	44611	98523	6.14%	0.406%
57	12.833	1819	1826	1832	rVV	1028429	1584839	98.74%	6.536%
58	12.886	1832	1835	1841	rVB2	57134	81687	5.09%	0.337%
59	12.974	1842	1850	1857	rVB	638195	912909	56.88%	3.765%
60	13.051	1857	1863	1871	rBV3	80210	169248	10.54%	0.698%
61	13.157	1874	1881	1886	rVB2	102562	201725	12.57%	0.832%
62	13.204	1886	1889	1890	rBV3	14588	16384	1.02%	0.068%
63	13.227	1890	1893	1896	rVV	44715	56089	3.49%	0.231%
64	13.263	1896	1899	1907	rVB3	87536	143590	8.95%	0.592%
65	13.357	1912	1915	1918	rVV	42596	61840	3.85%	0.255%
66	13.392	1918	1921	1929	rVB3	49712	85052	5.30%	0.351%
67	13.557	1943	1949	1957	rBV7	27733	100075	6.23%	0.413%
68	13.668	1965	1968	1976	rVB	54307	80087	4.99%	0.330%
69	13.780	1982	1987	1990	rBV2	60411	102635	6.39%	0.423%
70	13.810	1990	1992	1994	rVV	32193	34012	2.12%	0.140%
71	13.874	2000	2003	2010	rVB2	79147	117784	7.34%	0.486%
72	14.027	2022	2029	2033	rBV2	883902	1581283	98.52%	6.521%
73	14.139	2044	2048	2052	rVB	47842	55408	3.45%	0.228%
74	14.386	2087	2090	2091	rBV	14339	17115	1.07%	0.071%
75	14.415	2092	2095	2099	rVV	66115	89344	5.57%	0.368%
76	14.451	2099	2101	2105	rVB	34042	39886	2.49%	0.164%

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77	14.510	2106	2111	2114	rBV4	31111	54370	3.39%	0.224%
78	14.545	2114	2117	2119	rBV	22920	26910	1.68%	0.111%
79	14.733	2145	2149	2152	rBV2	22755	39807	2.48%	0.164%
80	14.810	2159	2162	2165	rBV3	18425	24098	1.50%	0.099%
81	14.886	2171	2175	2176	rBV2	24356	29206	1.82%	0.120%
82	14.980	2188	2191	2195	rBV3	16072	20741	1.29%	0.086%
83	15.074	2201	2207	2217	rBV	376022	883388	55.04%	3.643%
84	15.180	2222	2225	2230	rVB	57557	81578	5.08%	0.336%
85	15.274	2238	2241	2243	rBV3	18637	27494	1.71%	0.113%
86	15.380	2254	2259	2265	rVB	203393	316147	19.70%	1.304%
87	15.445	2265	2270	2275	rVV	305627	457465	28.50%	1.887%
88	15.509	2275	2281	2294	rVB2	506657	963653	60.04%	3.974%
89	16.986	2526	2532	2543	rVB2	120017	274676	17.11%	1.133%
90	17.174	2558	2564	2569	rBV	24306	52052	3.24%	0.215%
91	17.233	2570	2574	2580	rVB3	17158	33810	2.11%	0.139%
92	17.439	2602	2609	2626	rVB	87569	221495	13.80%	0.913%
93	17.680	2646	2650	2664	rVB2	21277	58300	3.63%	0.240%

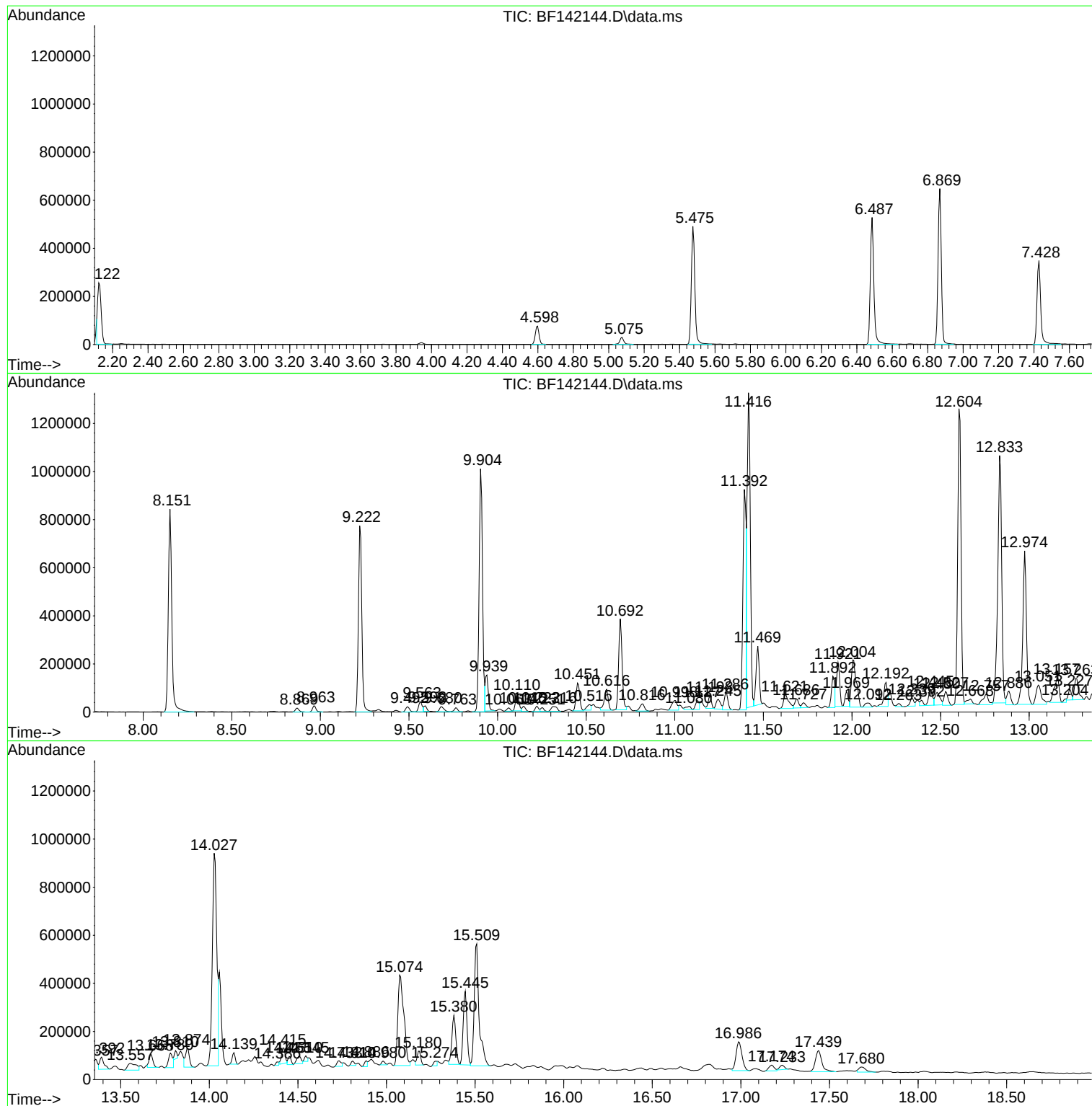
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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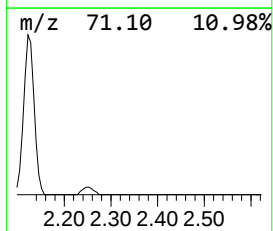
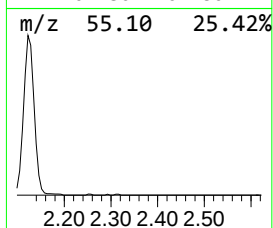
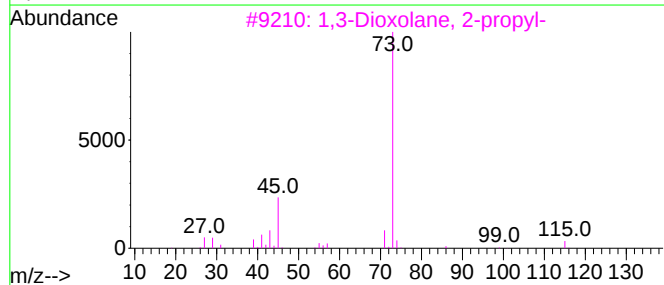
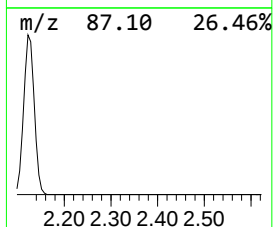
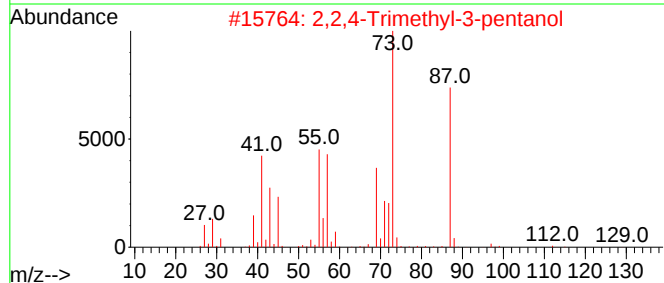
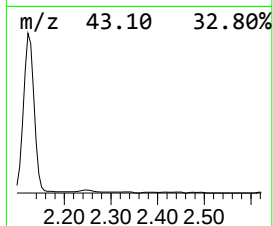
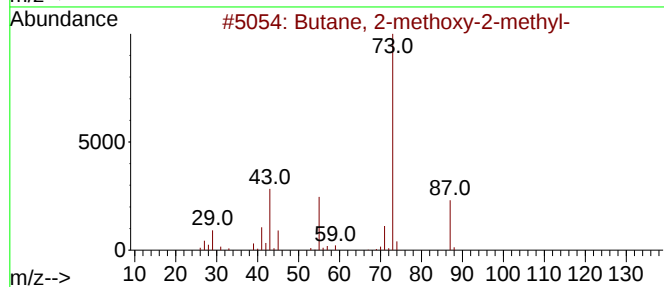
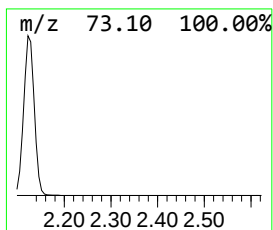
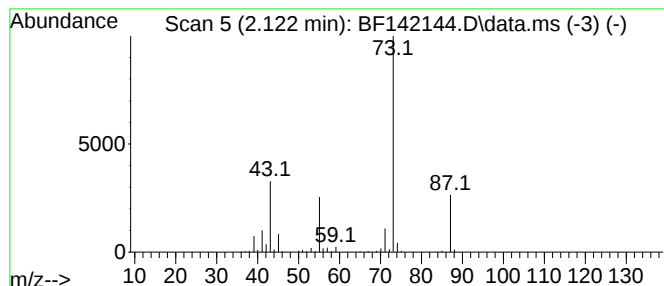
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	8.42 ng	348297	1,4-Dichlorobenzene-d4	6.869

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	40
3			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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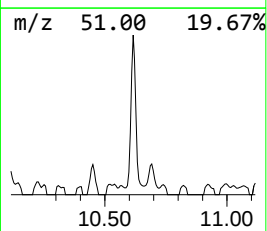
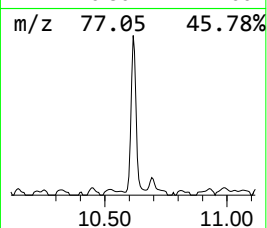
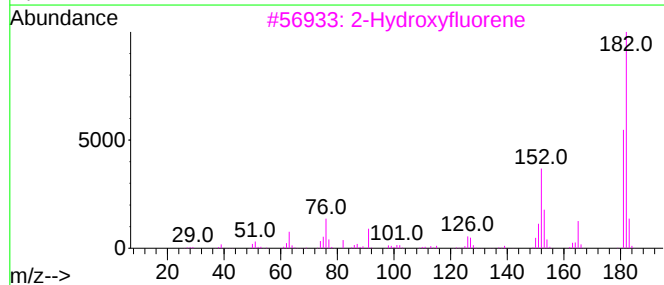
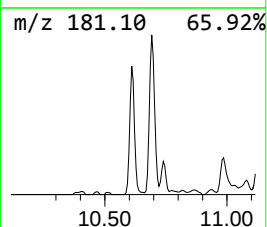
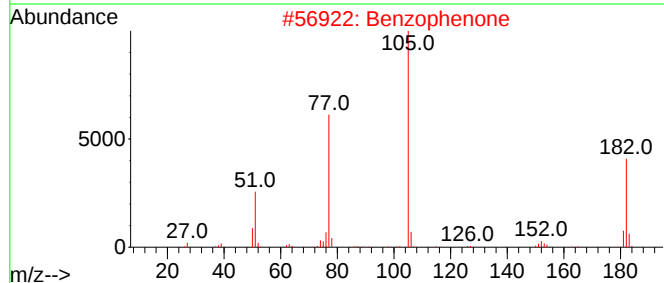
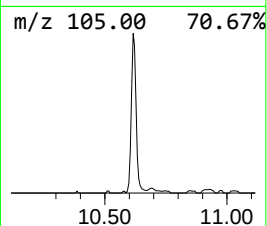
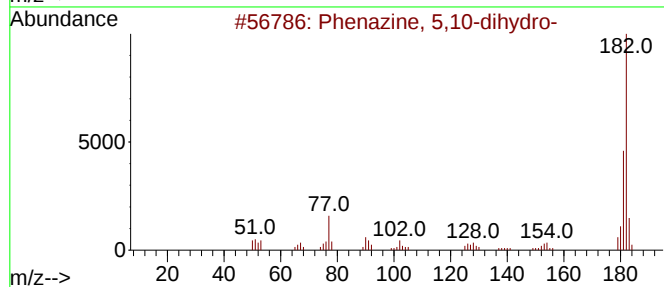
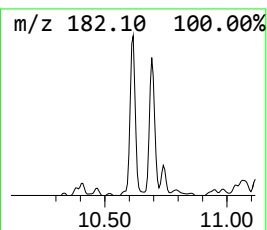
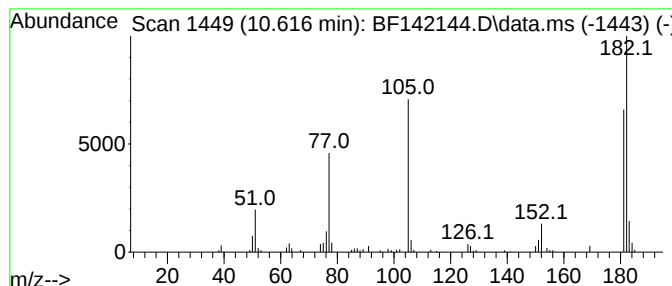
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenazine, 5,10-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.04 ng	134971	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	64
2			Benzophenone	182	C13H10O	000119-61-9	64
3			2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
5			2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	49



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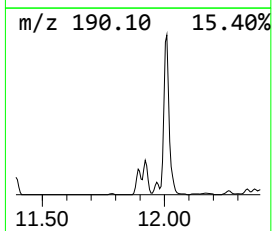
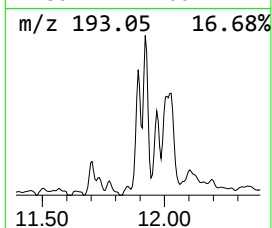
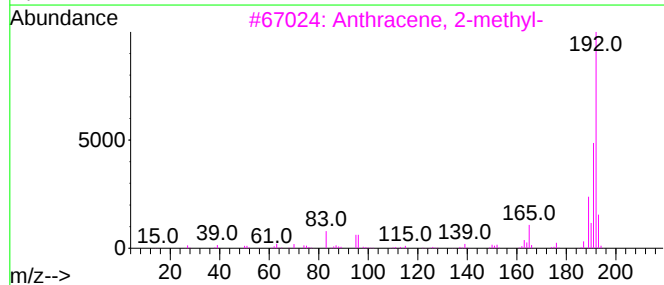
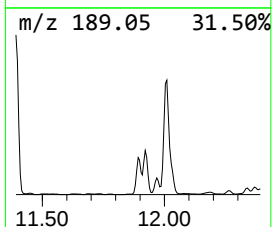
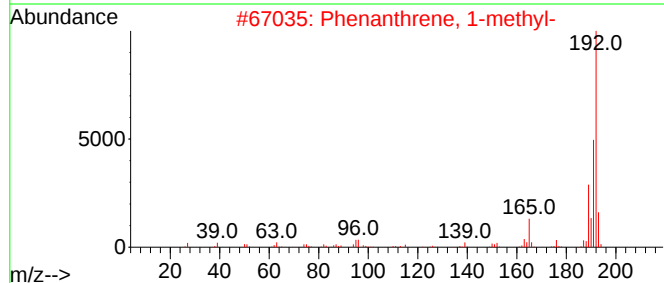
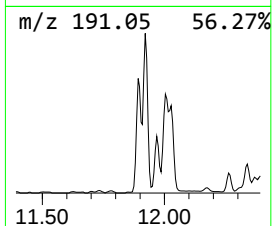
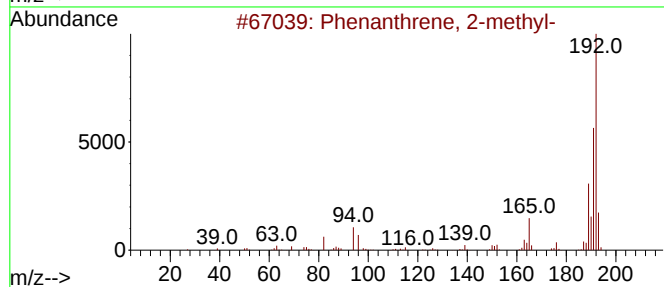
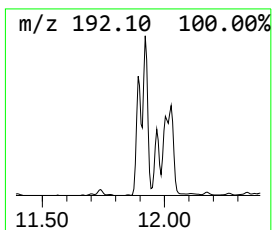
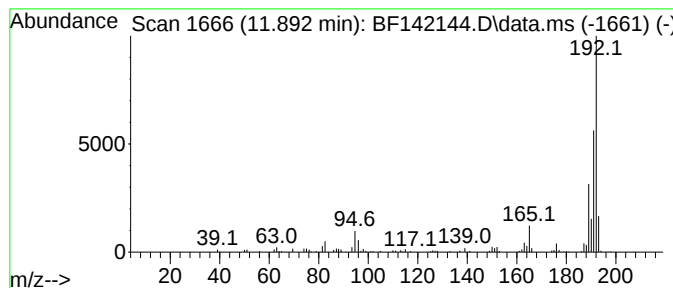
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.69 ng	168559	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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Instrument :
BNA_F
ClientSampleId :
TP-7

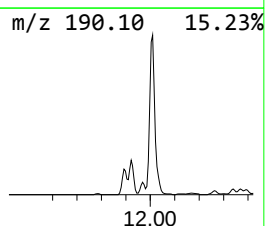
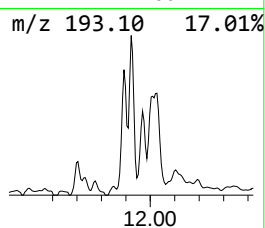
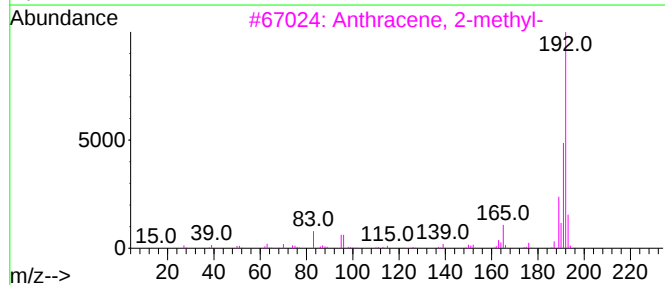
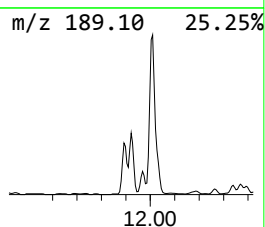
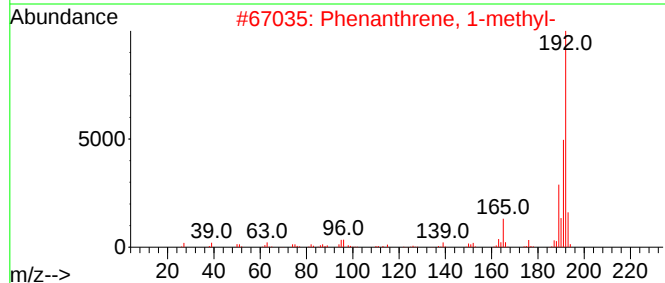
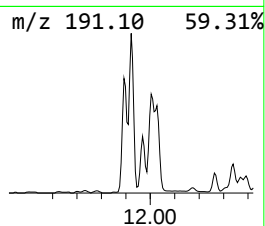
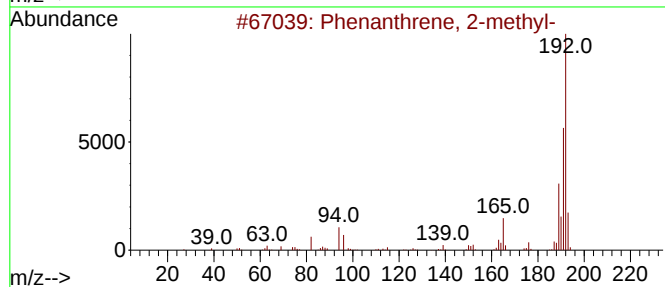
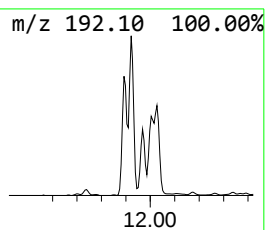
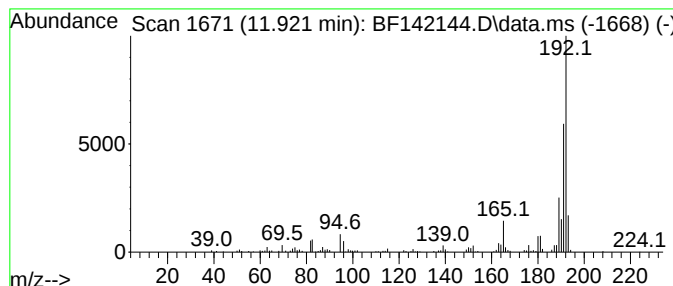
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.57 ng	223475	Phenanthrene-d10	11.392

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	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
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\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
Operator : RC/JU
Sample : Q1648-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

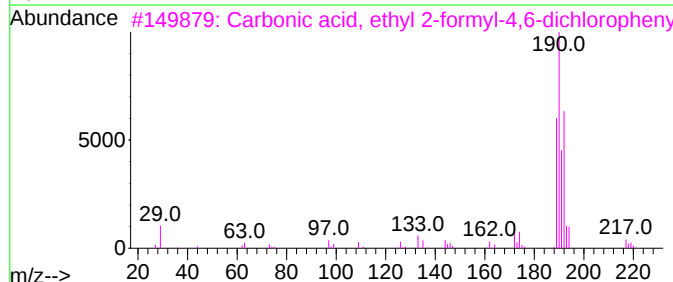
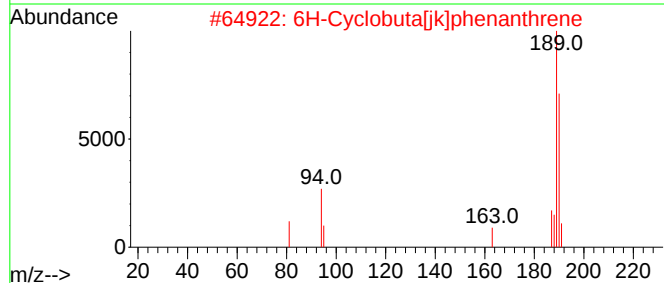
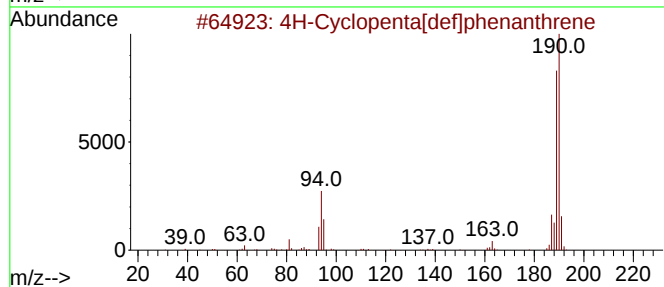
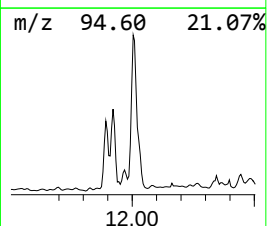
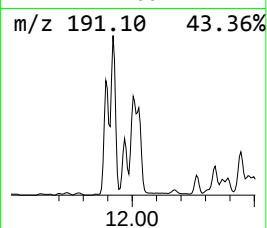
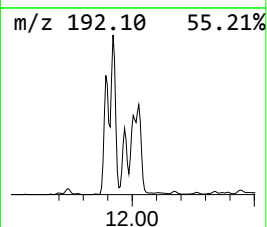
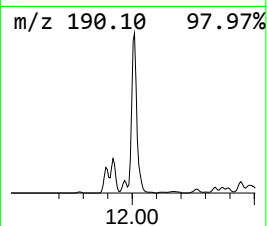
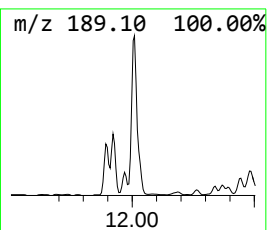
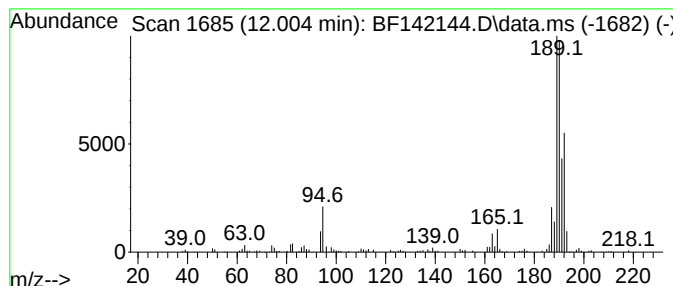
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	6.05 ng	379351	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
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Sample : Q1648-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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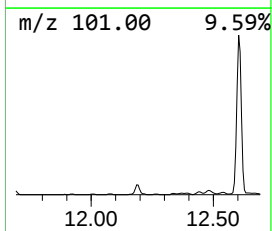
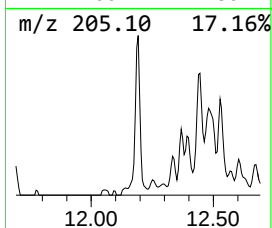
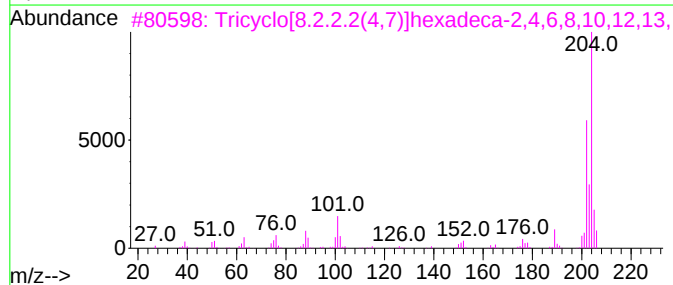
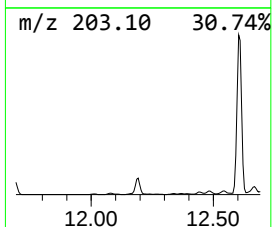
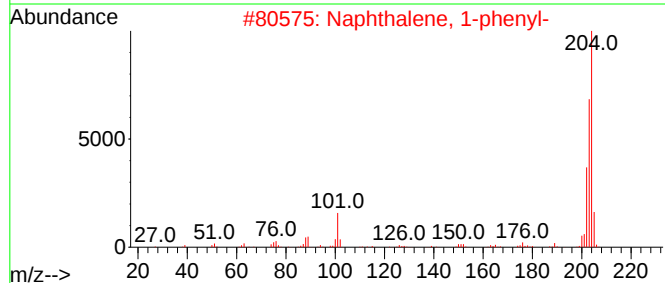
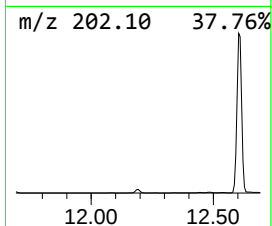
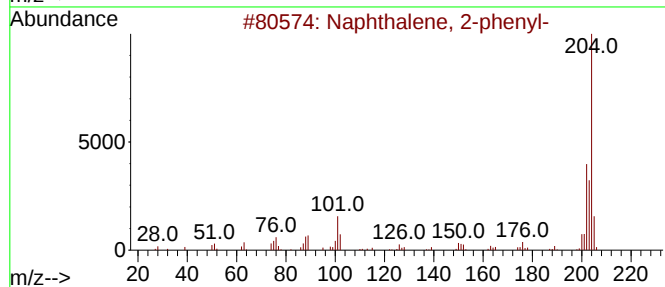
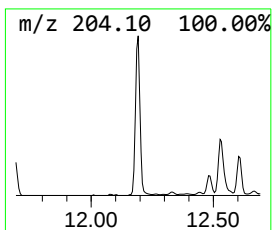
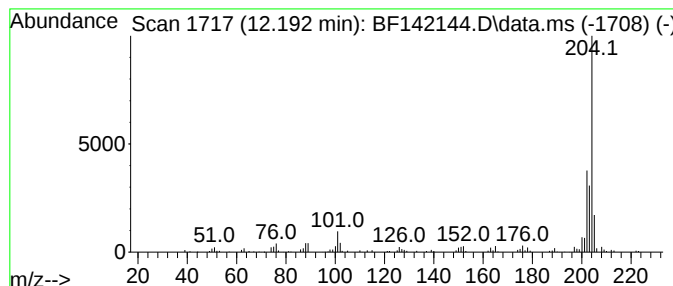
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	2.40 ng	150302	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
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Sample : Q1648-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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TP-7

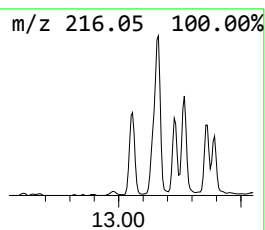
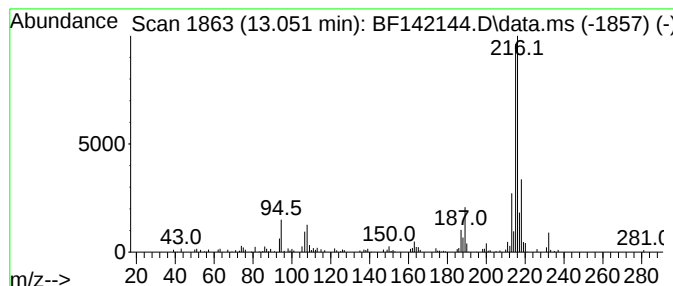
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.14 ng	169248	Chrysene-d12	14.033

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	81
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
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Sample : Q1648-09 5X
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Instrument :
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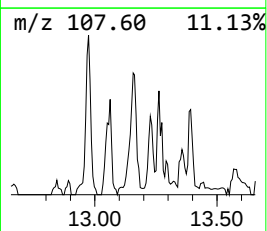
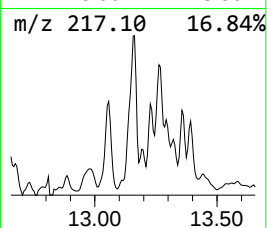
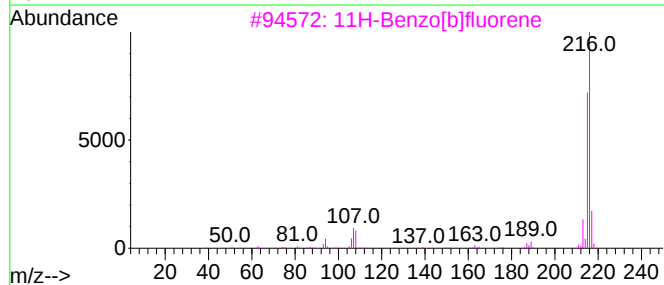
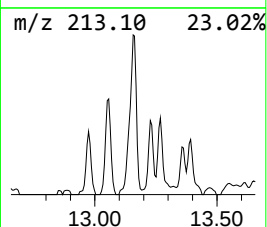
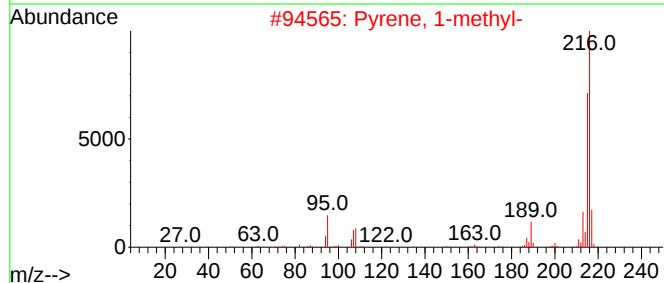
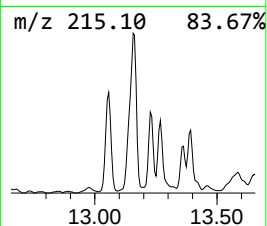
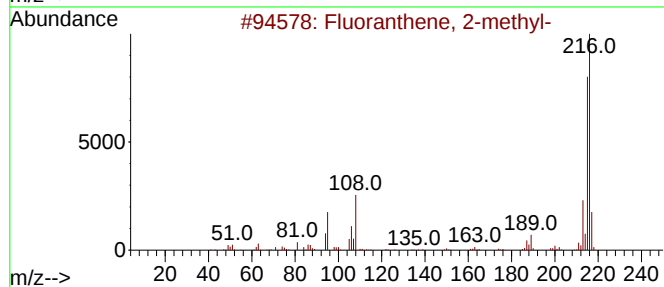
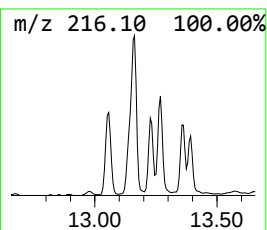
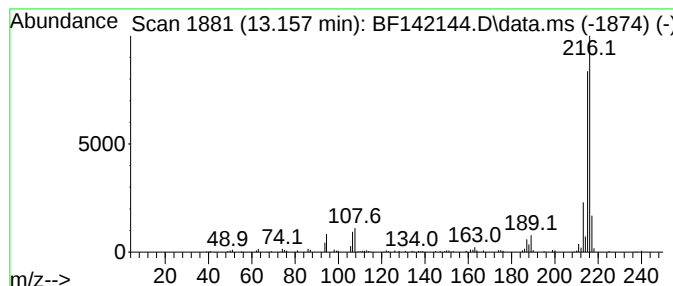
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.55 ng	201725	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
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ClientSampleId :
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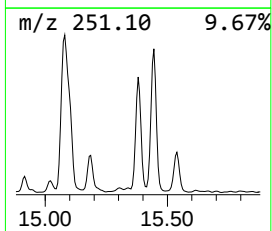
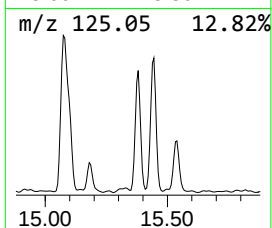
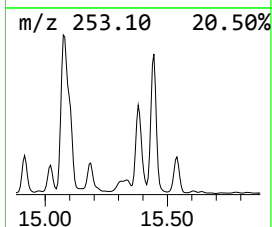
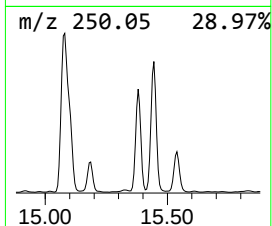
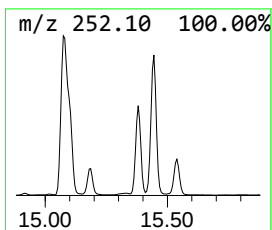
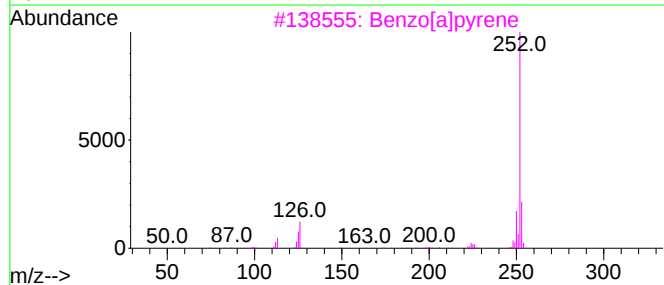
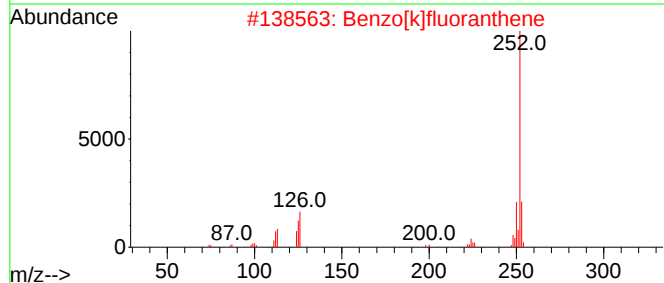
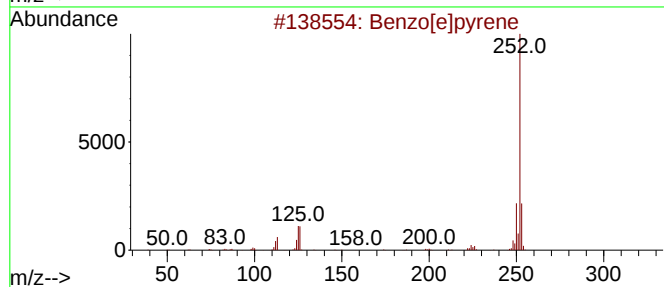
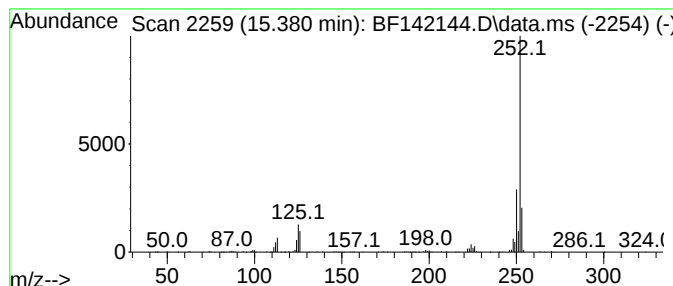
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	6.56 ng	316147	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	91
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142144.D
Acq On : 28 Mar 2025 00:38
Operator : RC/JU
Sample : Q1648-09 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
Butane, 2-metho...	2.122	8.4	ng	348297	1	6.869	827111	20.0
Phenazine, 5,10...	10.616	2.0	ng	134971	3	9.904	1320260	20.0
Phenanthrene, 2...	11.892	2.7	ng	168559	4	11.392	1253070	20.0
Phenanthrene, 1...	11.922	3.6	ng	223475	4	11.392	1253070	20.0
4H-Cyclopenta[d...	12.004	6.0	ng	379351	4	11.392	1253070	20.0
Naphthalene, 2-...	12.192	2.4	ng	150302	4	11.392	1253070	20.0
Pyrene, 1-methyl-	13.051	2.1	ng	169248	5	14.033	1581280	20.0
Fluoranthene, 2...	13.157	2.5	ng	201725	5	14.033	1581280	20.0
Benzo[e]pyrene	15.380	6.6	ng	316147	6	15.509	963653	20.0