

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144406.D
 Acq On : 02 Dec 2025 16:49
 Operator : RC/JU
 Sample : Q3742-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-25

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	287	294	301	rBV	34776	58011	7.61%	0.628%
2	5.075	484	490	499	rBV	149472	223446	29.29%	2.420%
3	5.487	555	560	576	rVB	508517	699765	91.74%	7.578%
4	6.492	726	731	749	rBV	516300	730594	95.78%	7.911%
5	6.863	789	794	800	rBV	188875	239513	31.40%	2.594%
6	7.286	862	866	871	rBV3	7366	12553	1.65%	0.136%
7	7.422	884	889	899	rBV	350054	450046	59.00%	4.873%
8	8.145	1003	1012	1019	rBV2	236392	358128	46.95%	3.878%
9	8.363	1042	1049	1055	rBV6	4988	13826	1.81%	0.150%
10	8.557	1079	1082	1085	rBV	6471	8317	1.09%	0.090%
11	8.857	1130	1133	1137	rBV	8629	11156	1.46%	0.121%
12	9.157	1181	1184	1189	rVB	12824	15892	2.08%	0.172%
13	9.216	1189	1194	1203	rBV	601453	762770	100.00%	8.260%
14	9.298	1204	1208	1211	rBV3	10232	13755	1.80%	0.149%
15	9.616	1257	1262	1270	rVV4	19510	27795	3.64%	0.301%
16	9.763	1283	1287	1291	rBV	17113	23284	3.05%	0.252%
17	9.898	1302	1310	1315	rBV	255237	335662	44.01%	3.635%
18	10.104	1343	1345	1349	rVB3	6947	8645	1.13%	0.094%
19	10.145	1349	1352	1358	rVB4	11172	16767	2.20%	0.182%
20	10.216	1360	1364	1367	rBV5	6866	11018	1.44%	0.119%
21	10.310	1376	1380	1385	rBV5	10145	20492	2.69%	0.222%
22	10.451	1400	1404	1408	rVB2	11518	15773	2.07%	0.171%
23	10.545	1416	1420	1426	rVB	19883	31010	4.07%	0.336%
24	10.616	1427	1432	1438	rVV	74340	99087	12.99%	1.073%
25	10.692	1440	1445	1455	rVV	337160	451795	59.23%	4.892%
26	10.804	1459	1464	1472	rVB2	45172	80345	10.53%	0.870%
27	10.927	1481	1485	1489	rVB3	15841	21213	2.78%	0.230%
28	10.998	1494	1497	1500	rBV4	8652	12742	1.67%	0.138%
29	11.133	1516	1520	1528	rBV6	12672	34427	4.51%	0.373%
30	11.245	1536	1539	1541	rBV3	11882	16562	2.17%	0.179%
31	11.280	1542	1545	1551	rVB2	26384	40506	5.31%	0.439%
32	11.392	1559	1564	1573	rBV2	232447	403587	52.91%	4.370%
33	11.469	1574	1577	1580	rVV	26160	30391	3.98%	0.329%
34	11.627	1601	1604	1610	rBV4	12805	23150	3.03%	0.251%
35	11.916	1647	1653	1659	rBV2	119661	210522	27.60%	2.280%
36	11.974	1660	1663	1665	rVV	25484	34082	4.47%	0.369%

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37	12.010	1665	1669	1676	rVB2	51817	96810	12.69%	1.048%
38	12.139	1687	1691	1696	rBV6	21002	35016	4.59%	0.379%
39	12.445	1740	1743	1746	rBV	23739	30075	3.94%	0.326%
40	12.610	1767	1771	1776	rBV	199849	254036	33.30%	2.751%
41	12.704	1784	1787	1793	rVB2	37002	51170	6.71%	0.554%
42	12.839	1804	1810	1816	rBV2	174588	277888	36.43%	3.009%
43	12.980	1828	1834	1841	rVB	497432	666143	87.33%	7.213%
44	13.057	1844	1847	1853	rVB4	29193	51206	6.71%	0.554%
45	13.168	1863	1866	1870	rVB	55643	71932	9.43%	0.779%
46	13.239	1874	1878	1881	rVV2	54773	76991	10.09%	0.834%
47	13.274	1881	1884	1891	rVB2	38466	59422	7.79%	0.643%
48	13.768	1964	1968	1974	rBV4	45661	91176	11.95%	0.987%
49	13.980	2001	2004	2008	rBV	80909	103222	13.53%	1.118%
50	14.039	2008	2014	2018	rBV2	301972	533214	69.90%	5.774%
51	15.092	2189	2193	2200	rBV	108454	240112	31.48%	2.600%
52	15.398	2241	2245	2251	rVB	68224	116679	15.30%	1.263%
53	15.462	2252	2256	2261	rVV	118532	178973	23.46%	1.938%
54	15.527	2262	2267	2284	rVB2	223752	411113	53.90%	4.452%
55	17.027	2517	2522	2528	rBV	46755	98875	12.96%	1.071%
56	17.250	2556	2560	2568	rVB3	62191	131190	17.20%	1.421%
57	17.486	2594	2600	2614	rVB	38020	112833	14.79%	1.222%

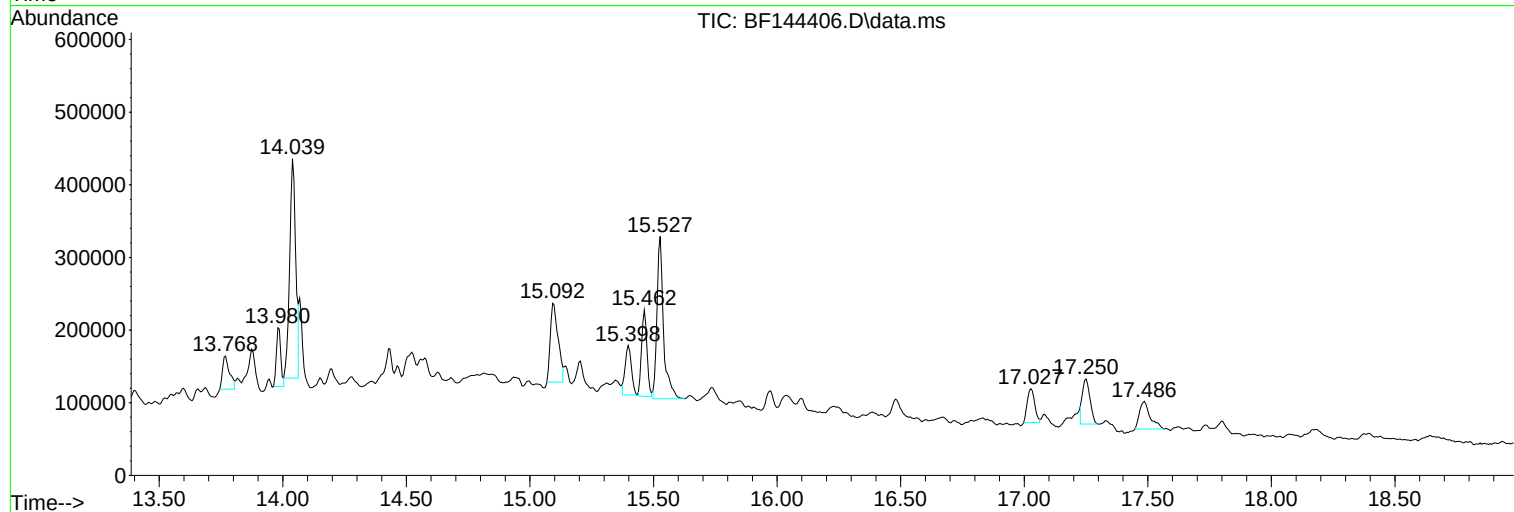
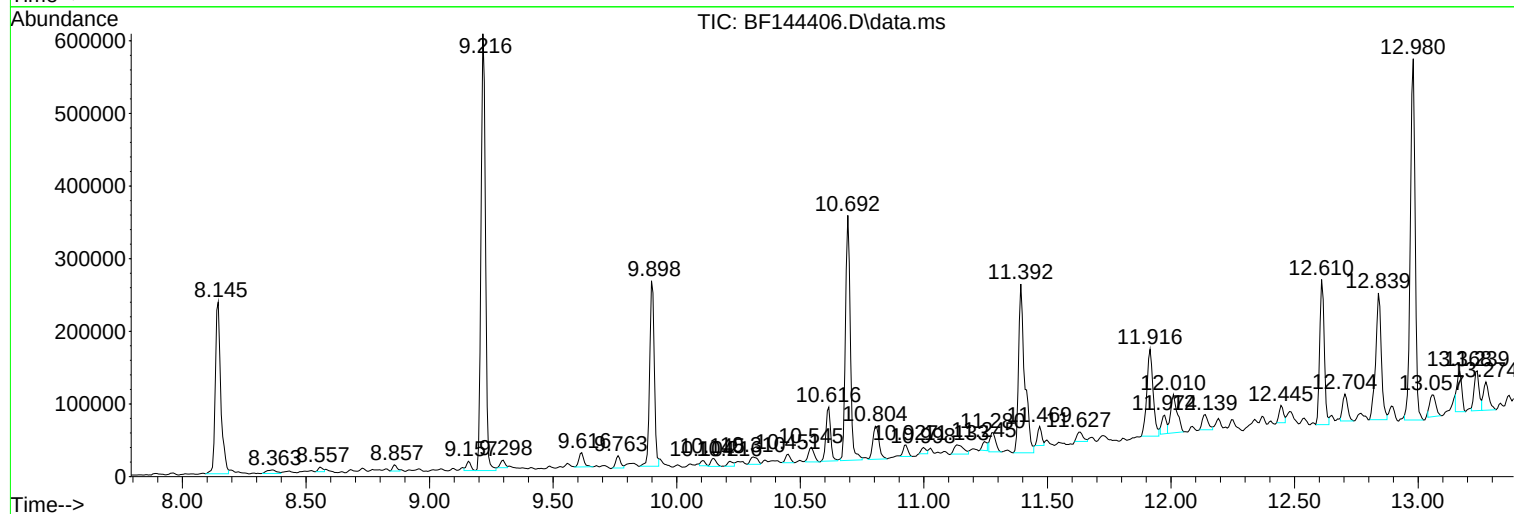
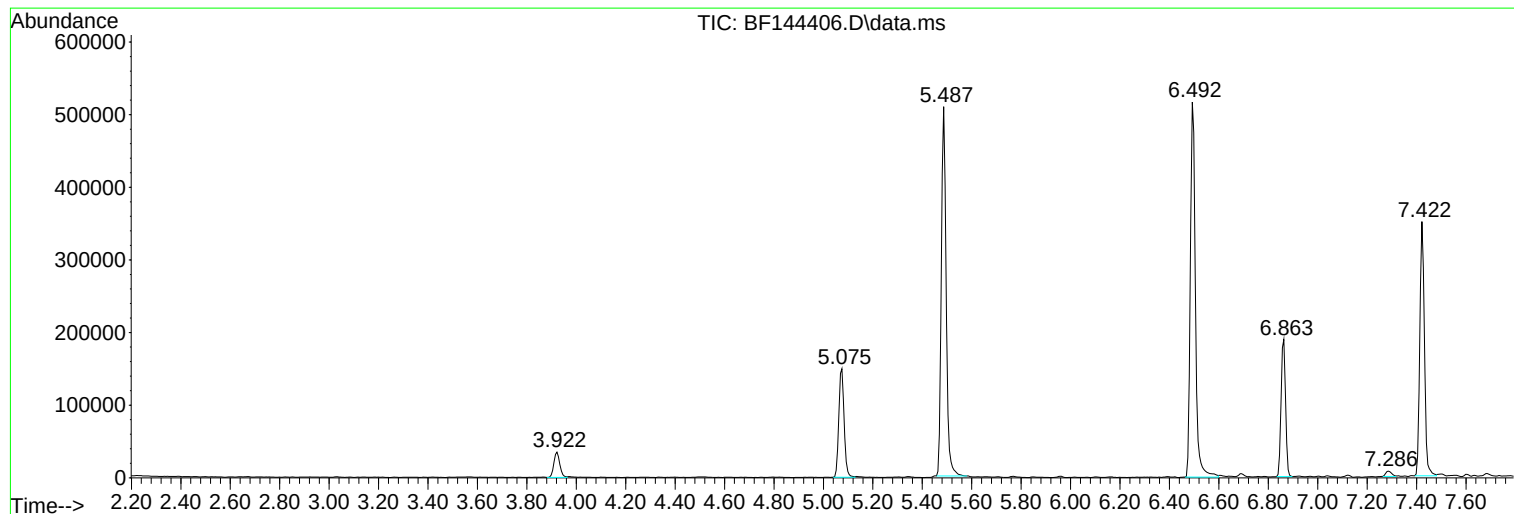
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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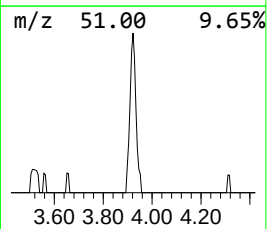
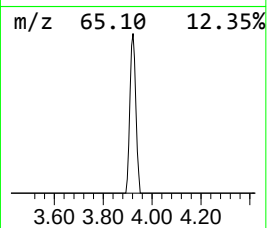
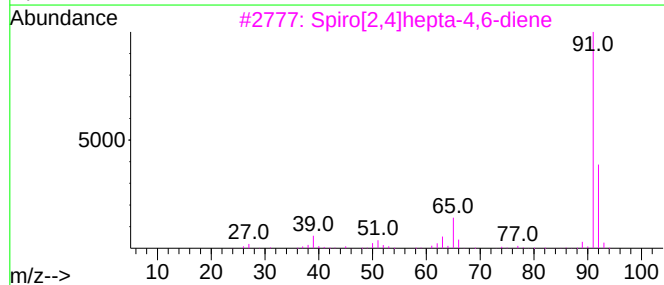
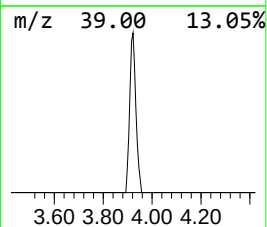
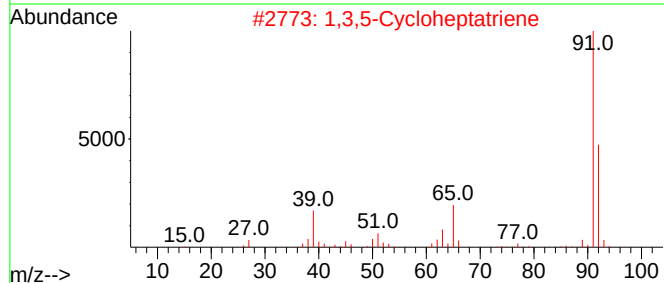
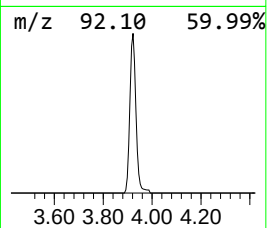
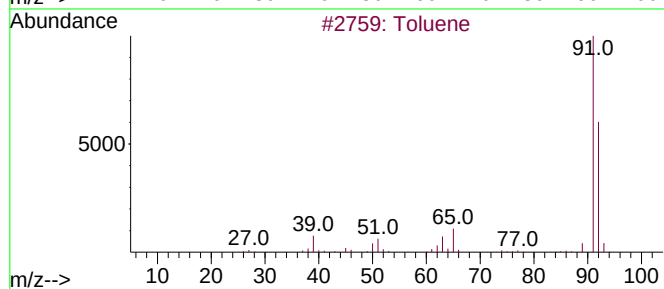
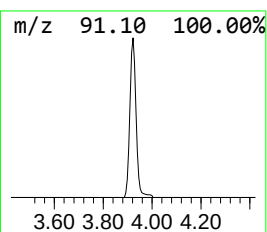
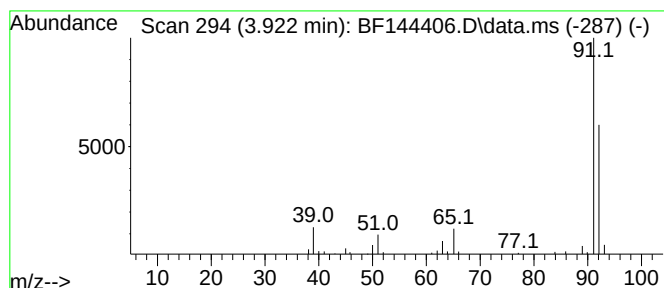
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	4.84 ng	58011	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	93
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5			2,5-Norbornadiene	92	C7H8	000121-46-0	64



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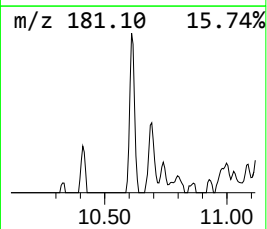
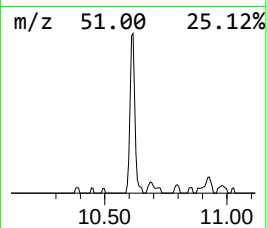
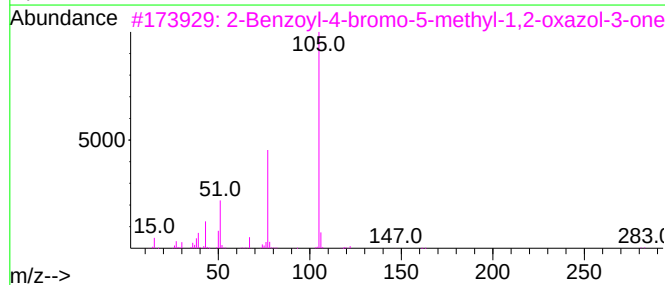
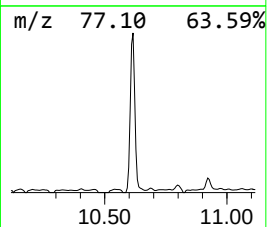
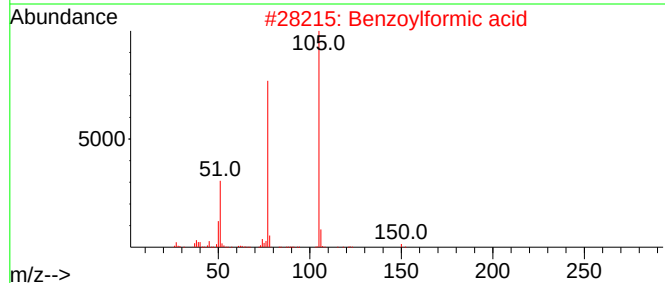
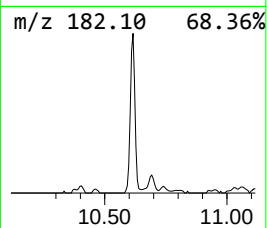
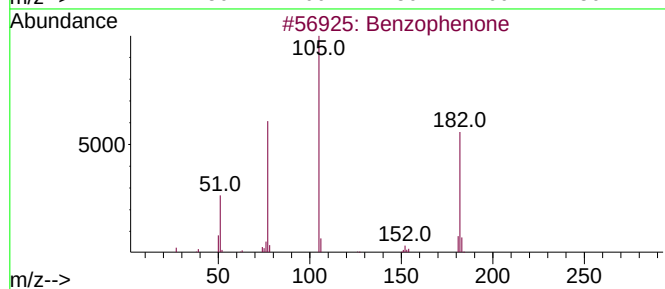
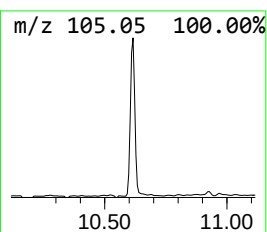
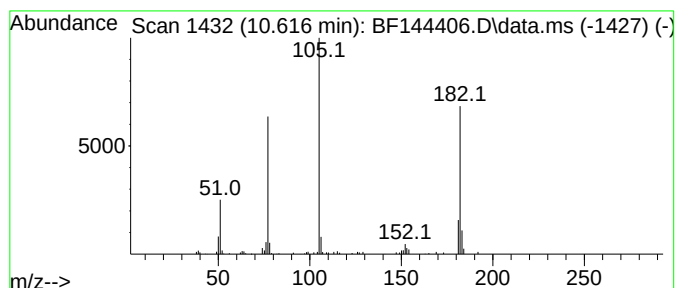
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.90 ng	99087	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzoylformic acid	150	C8H6O3	000611-73-4	55
3			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
4			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43
5			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	43



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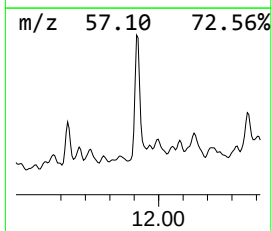
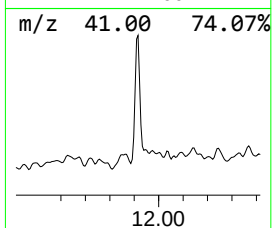
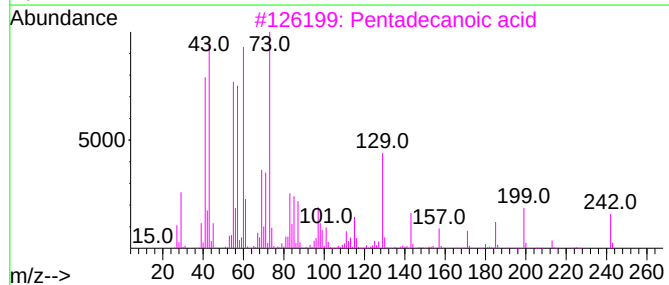
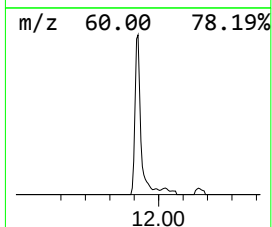
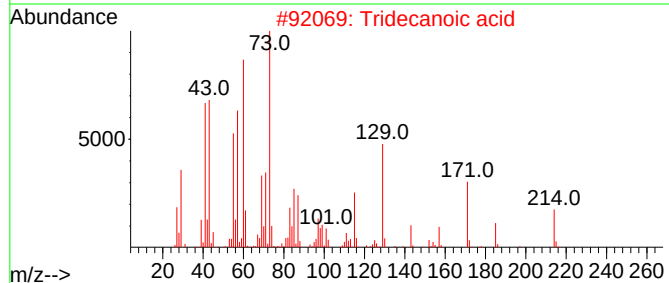
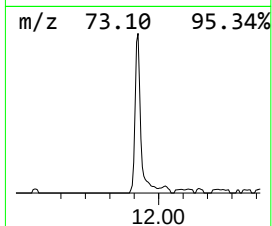
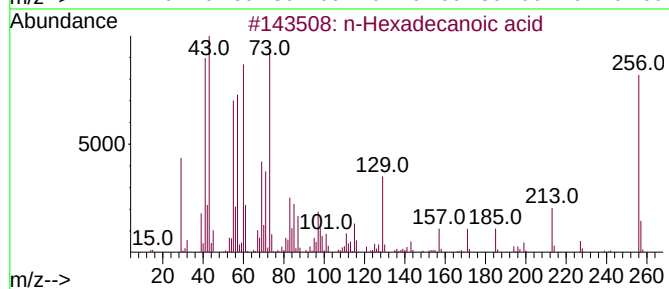
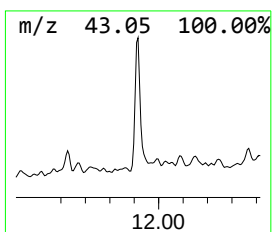
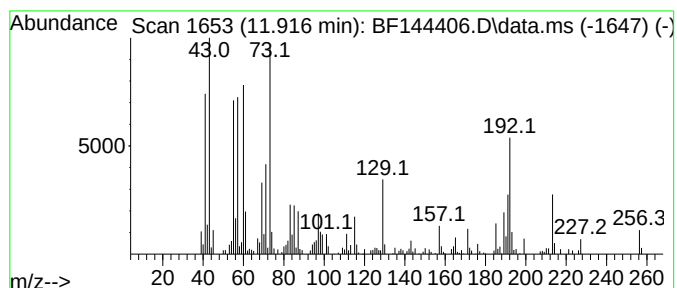
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	10.43 ng	210522	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	Hexadecane	226	C16H34	000544-76-3	56
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25



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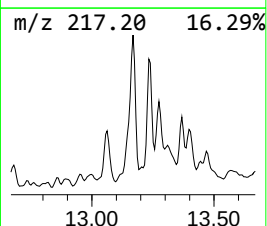
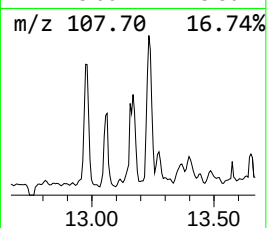
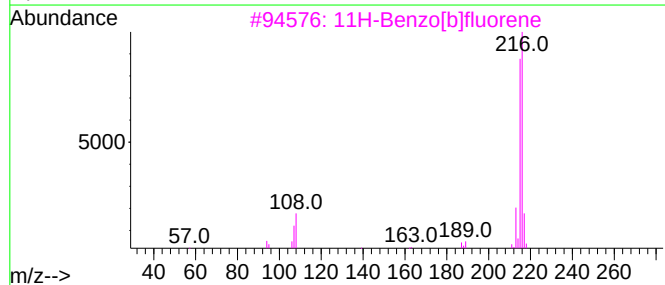
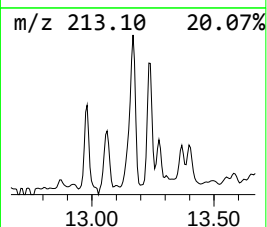
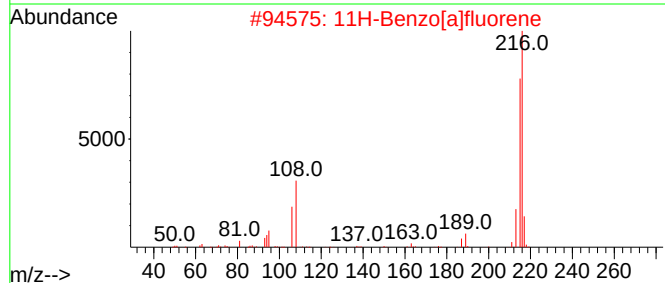
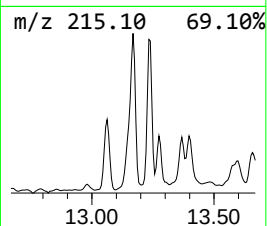
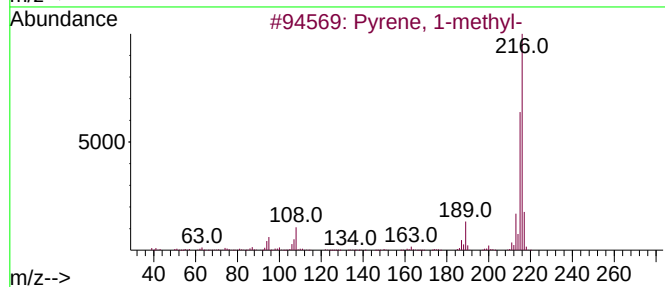
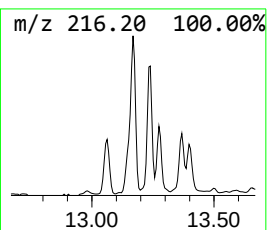
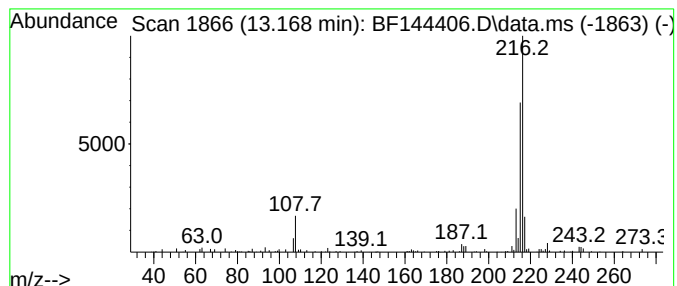
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.168	2.70 ng	71932	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68



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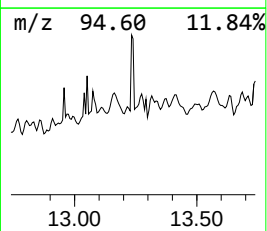
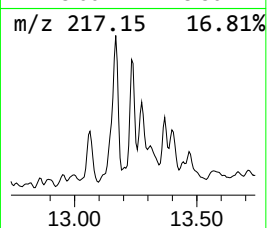
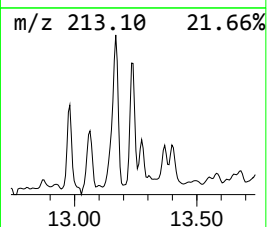
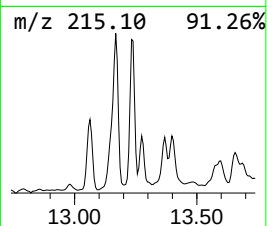
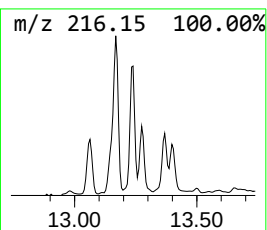
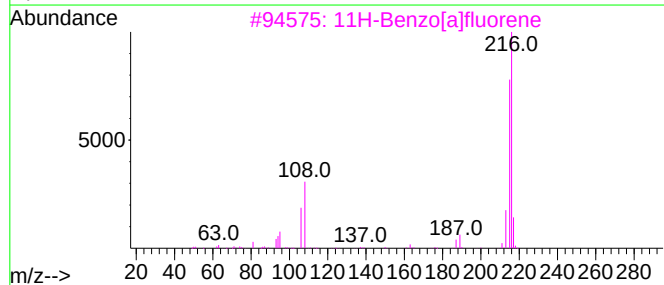
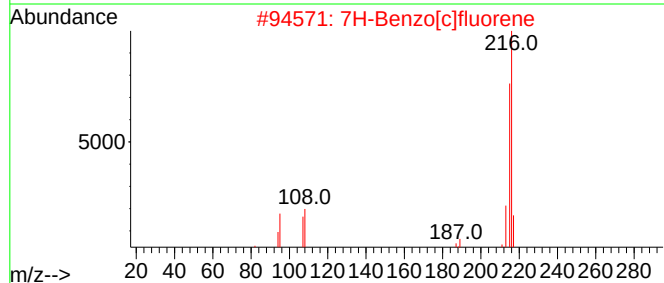
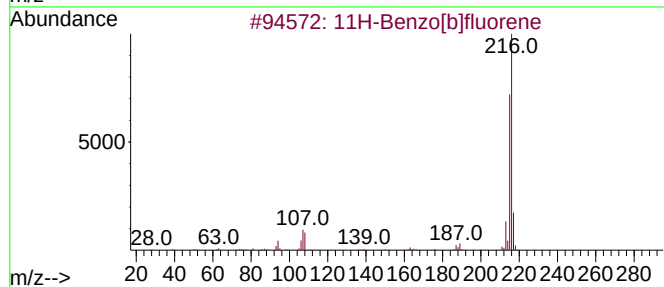
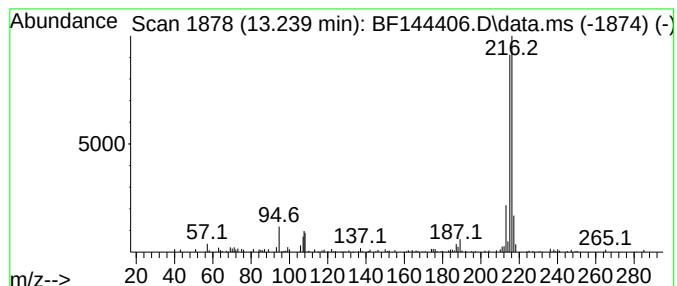
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.89 ng	76991	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

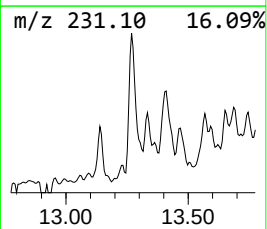
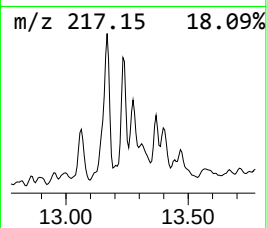
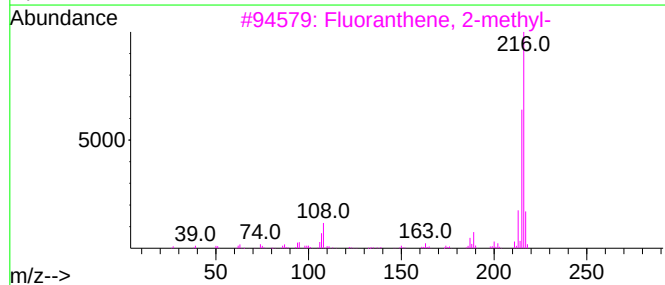
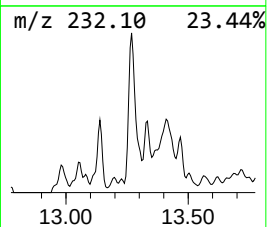
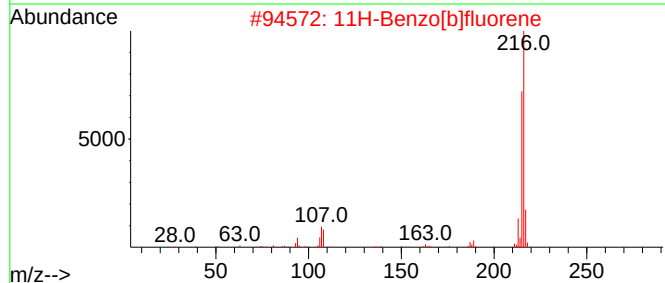
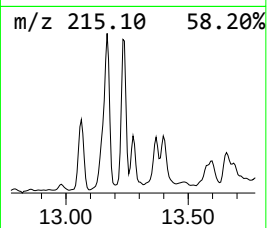
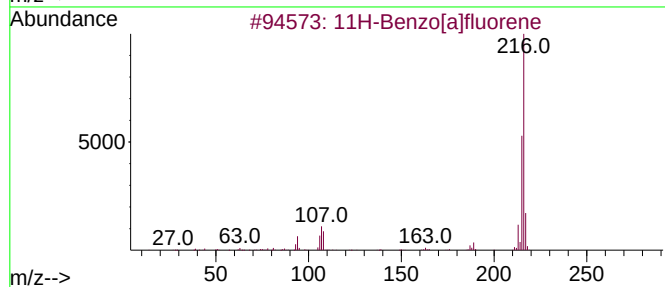
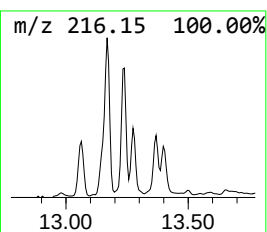
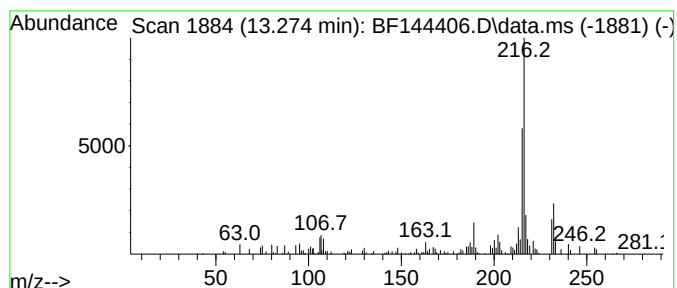
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.23 ng	59422	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

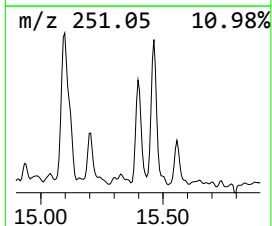
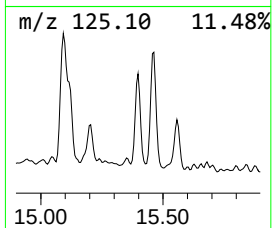
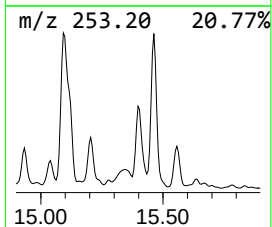
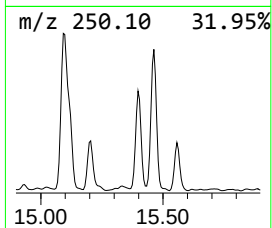
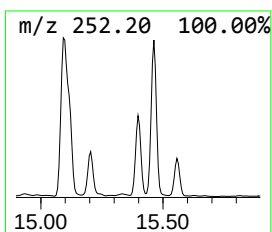
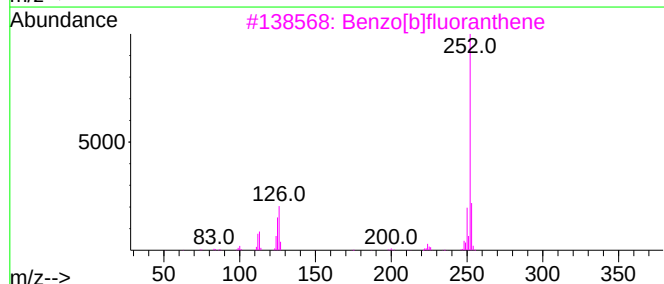
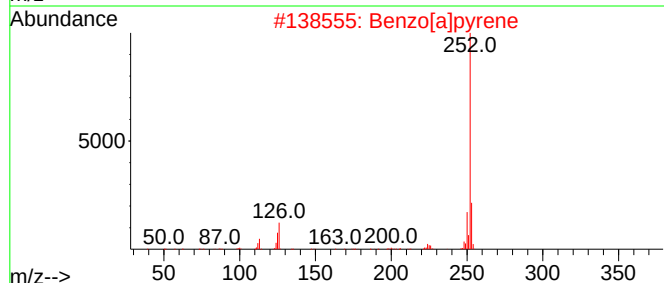
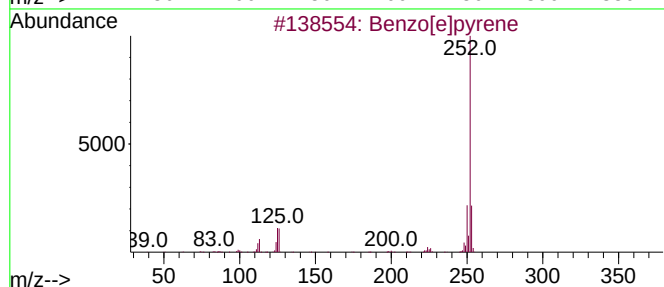
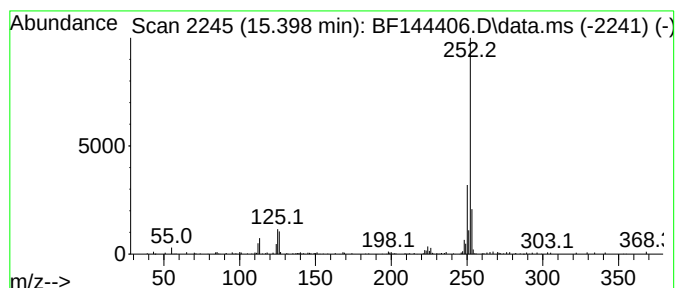
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	5.68 ng	116679	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144406.D
Acq On : 02 Dec 2025 16:49
Operator : RC/JU
Sample : Q3742-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-25

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
1,3,5-Cyclohept...	3.922	4.8	ng	58011	1	6.863	239513	20.0
Benzophenone	10.616	5.9	ng	99087	3	9.898	335662	20.0
n-Hexadecanoic ...	11.916	10.4	ng	210522	4	11.392	403587	20.0
Pyrene, 1-methyl-	13.168	2.7	ng	71932	5	14.045	533214	20.0
11H-Benzo[b]flu...	13.239	2.9	ng	76991	5	14.045	533214	20.0
11H-Benzo[a]flu...	13.274	2.2	ng	59422	5	14.045	533214	20.0
Benzo[e]pyrene	15.398	5.7	ng	116679	6	15.527	411113	20.0