

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144417.D
 Acq On : 03 Dec 2025 14:08
 Operator : RC/JU
 Sample : Q3741-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B50-SP14-112025

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: BF144417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.928	291	295	301	rVB	9321	15723	1.31%	0.088%
2	4.504	388	393	402	rVB3	12483	24052	2.00%	0.135%
3	5.022	469	481	484	rBV5	4830	12028	1.00%	0.068%
4	5.075	484	490	503	rVB	224094	319977	26.61%	1.801%
5	5.451	550	554	556	rBV	14889	19629	1.63%	0.110%
6	5.487	556	560	576	rVB	412747	591694	49.21%	3.330%
7	5.769	604	608	612	rVB	21374	27358	2.28%	0.154%
8	6.104	661	665	672	rBV5	6801	13450	1.12%	0.076%
9	6.498	727	732	749	rBV	570969	796985	66.28%	4.486%
10	6.687	760	764	775	rVB2	28540	40092	3.33%	0.226%
11	6.857	788	793	799	rBV	233658	301943	25.11%	1.699%
12	6.922	799	804	814	rBV	36255	56408	4.69%	0.317%
13	7.175	842	847	854	rVB7	6700	14503	1.21%	0.082%
14	7.422	884	889	898	rVB	396440	538064	44.75%	3.028%
15	7.604	916	920	923	rBV2	15875	20432	1.70%	0.115%
16	8.140	1003	1011	1018	rBV2	293400	497237	41.35%	2.799%
17	8.192	1018	1020	1024	rVB	15752	16999	1.41%	0.096%
18	8.434	1055	1061	1066	rVB7	8944	15517	1.29%	0.087%
19	8.557	1078	1082	1088	rBV	21876	31077	2.58%	0.175%
20	8.728	1106	1111	1115	rBV	44252	55634	4.63%	0.313%
21	8.857	1129	1133	1136	rBV	38886	45320	3.77%	0.255%
22	8.957	1146	1150	1153	rBV	23482	28331	2.36%	0.159%
23	9.039	1157	1164	1169	rVB10	7292	19444	1.62%	0.109%
24	9.157	1177	1184	1189	rBV	18375	31485	2.62%	0.177%
25	9.216	1189	1194	1199	rBV	776156	971091	80.76%	5.466%
26	9.292	1203	1207	1210	rBV	43066	54997	4.57%	0.310%
27	9.481	1235	1239	1244	rBV	21829	33030	2.75%	0.186%
28	9.557	1248	1252	1255	rVV	33701	52447	4.36%	0.295%
29	9.610	1259	1261	1268	rVV4	23521	35191	2.93%	0.198%
30	9.675	1268	1272	1282	rVB5	16451	28975	2.41%	0.163%
31	9.763	1282	1287	1291	rBV	44055	57427	4.78%	0.323%
32	9.822	1292	1297	1301	rVB	35474	46785	3.89%	0.263%
33	9.898	1303	1310	1314	rVV	334527	443468	36.88%	2.496%
34	9.934	1314	1316	1320	rVV	61879	63283	5.26%	0.356%
35	10.004	1324	1328	1332	rVB2	9895	13229	1.10%	0.074%
36	10.057	1332	1337	1340	rBV6	12683	22417	1.86%	0.126%

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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

37	10.104	1340	1345	1349	rBV2	55281	72805	6.05%	0.410%
38	10.139	1349	1351	1356	rVB3	18581	22592	1.88%	0.127%
39	10.216	1360	1364	1366	rBV2	14687	18741	1.56%	0.105%
40	10.322	1375	1382	1386	rBV2	51620	89974	7.48%	0.506%
41	10.445	1399	1403	1409	rBV3	53058	79537	6.61%	0.448%
42	10.539	1410	1419	1425	rBV5	33843	94069	7.82%	0.529%
43	10.610	1427	1431	1437	rVB	110541	151573	12.61%	0.853%
44	10.692	1440	1445	1450	rVV	225288	290468	24.16%	1.635%
45	10.804	1459	1464	1472	rVB2	77837	152321	12.67%	0.857%
46	10.992	1491	1496	1500	rBV6	24149	53950	4.49%	0.304%
47	11.122	1515	1518	1521	rBV2	22894	36906	3.07%	0.208%
48	11.198	1527	1531	1535	rBV	46789	55056	4.58%	0.310%
49	11.245	1535	1539	1542	rVV2	75392	106824	8.88%	0.601%
50	11.281	1542	1545	1551	rVB2	58172	95553	7.95%	0.538%
51	11.392	1559	1564	1565	rBV	312098	360565	29.99%	2.029%
52	11.416	1565	1568	1573	rVV	492903	647616	53.86%	3.645%
53	11.469	1573	1577	1580	rVV	108112	138818	11.54%	0.781%
54	11.628	1599	1604	1608	rBV2	61841	105094	8.74%	0.592%
55	11.675	1609	1612	1617	rVB2	58083	76890	6.39%	0.433%
56	11.916	1645	1653	1659	rBV2	274207	543805	45.22%	3.061%
57	11.969	1659	1662	1665	rVV	55707	73043	6.07%	0.411%
58	12.010	1665	1669	1676	rVB3	100607	204111	16.97%	1.149%
59	12.080	1678	1681	1687	rVV3	57916	92892	7.73%	0.523%
60	12.445	1740	1743	1745	rBV	51455	63603	5.29%	0.358%
61	12.610	1767	1771	1776	rBV	581024	748224	62.22%	4.211%
62	12.698	1783	1786	1792	rVB2	148162	201488	16.76%	1.134%
63	12.845	1804	1811	1816	rBV2	582494	928173	77.19%	5.224%
64	12.980	1828	1834	1842	rVB	644213	961082	79.93%	5.409%
65	13.057	1843	1847	1852	rBV3	78242	140789	11.71%	0.792%
66	13.274	1881	1884	1889	rVB2	94045	120980	10.06%	0.681%
67	13.792	1969	1972	1974	rBV	98464	137016	11.39%	0.771%
68	14.039	2009	2014	2017	rBV2	582654	969355	80.61%	5.456%
69	14.069	2017	2019	2027	rVB	428622	600425	49.93%	3.379%
70	15.104	2189	2195	2204	rBV	510392	1202462	100.00%	6.768%
71	15.204	2209	2212	2217	rVB	109426	141681	11.78%	0.797%
72	15.404	2242	2246	2252	rVB	333538	543946	45.24%	3.062%
73	15.474	2253	2258	2263	rVB	478362	750045	62.38%	4.222%
74	15.533	2264	2268	2271	rBV	224832	346540	28.82%	1.950%
75	17.033	2517	2523	2531	rVB	251268	552993	45.99%	3.112%
76	17.492	2595	2601	2613	rVB	188429	439433	36.54%	2.473%

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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

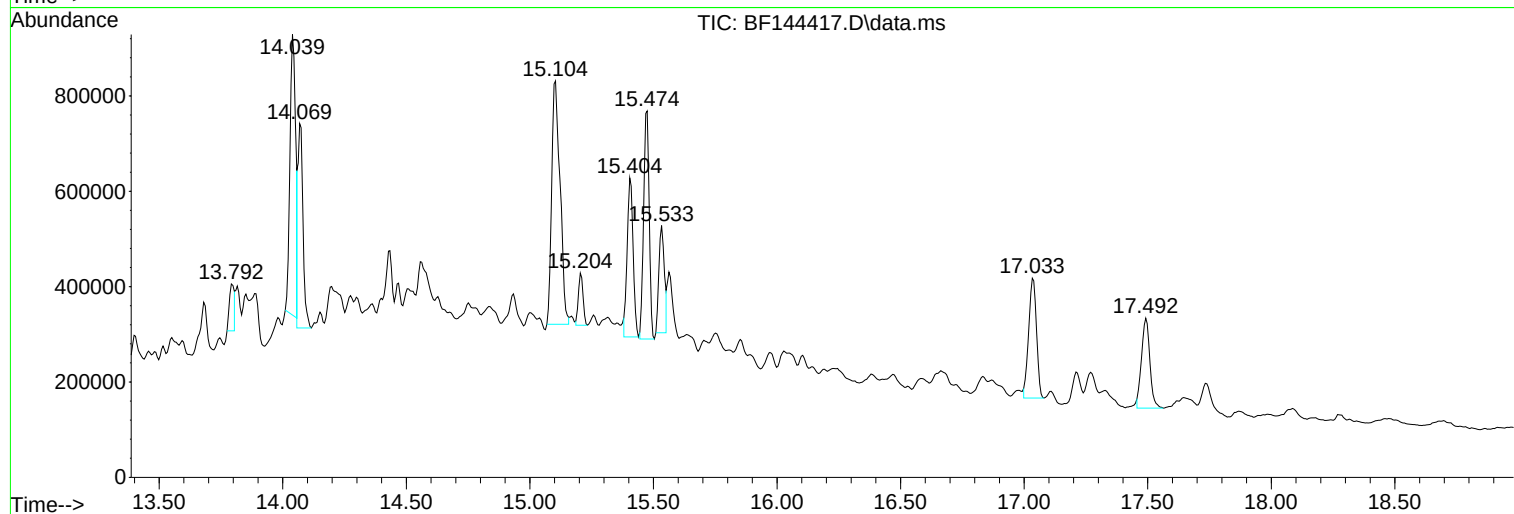
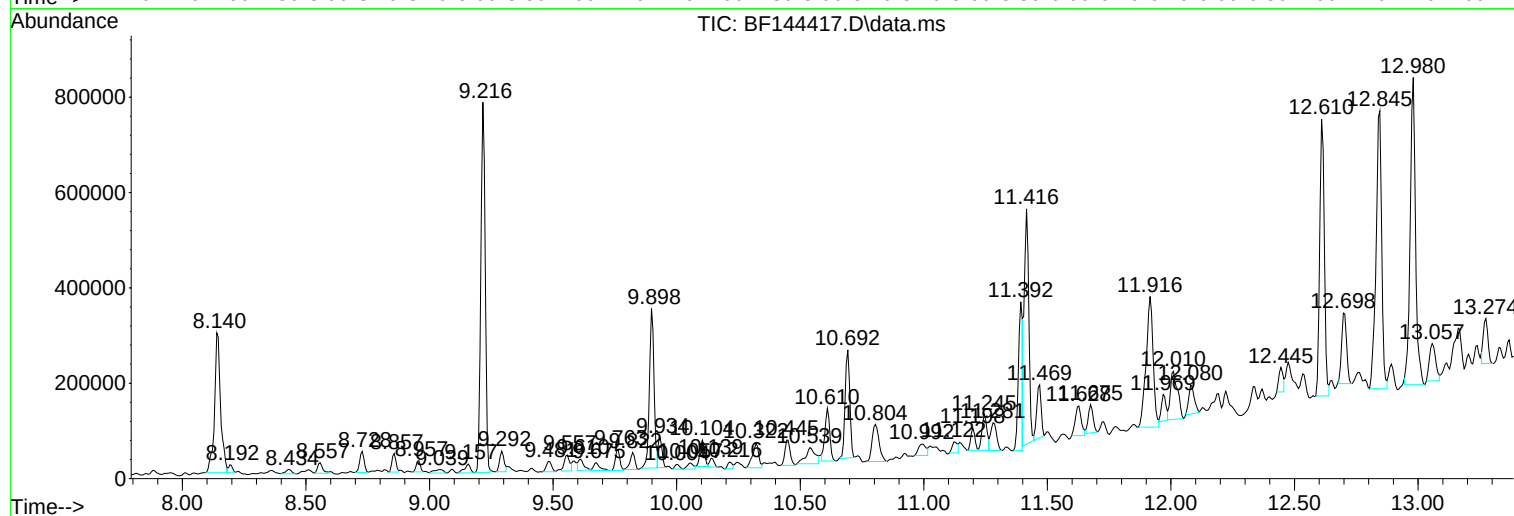
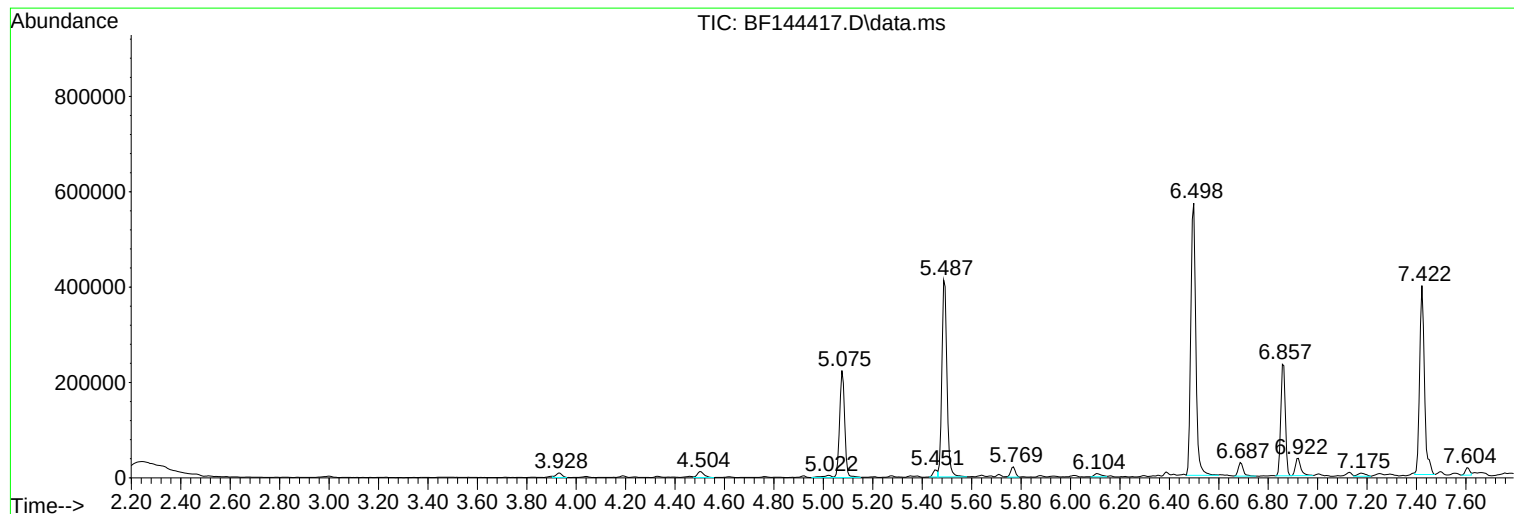
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Data File : BF144417.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144417.D
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Sample : Q3741-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

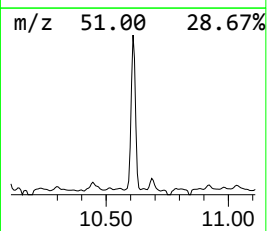
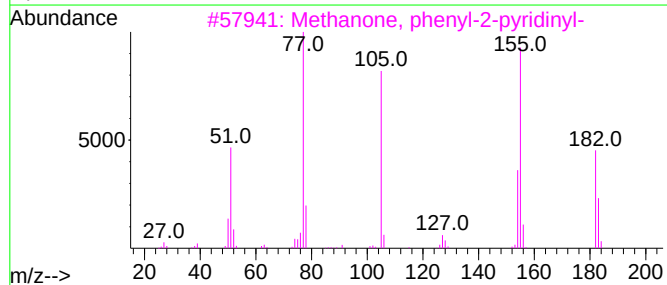
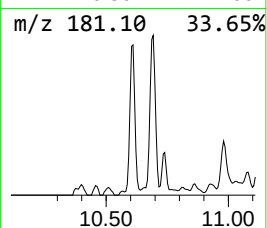
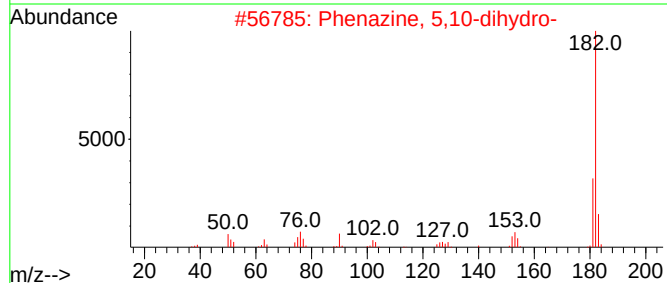
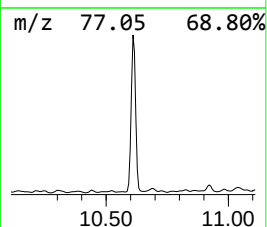
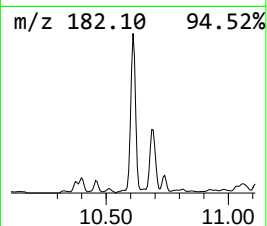
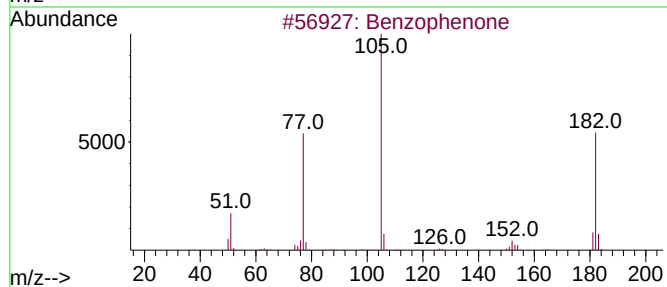
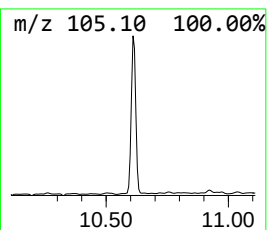
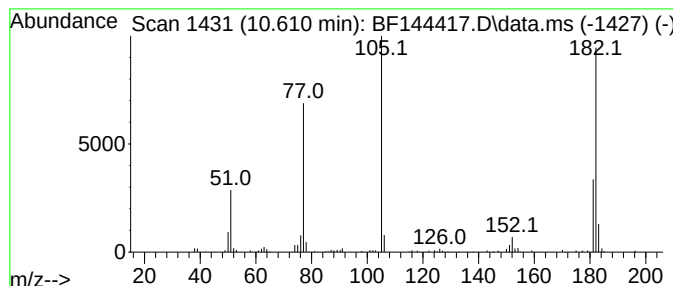
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.84 ng	151573	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	41
5			Benzoylformic acid	150	C8H6O3	000611-73-4	30



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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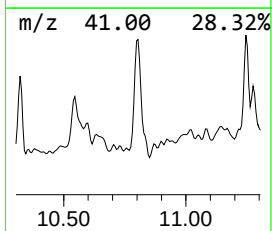
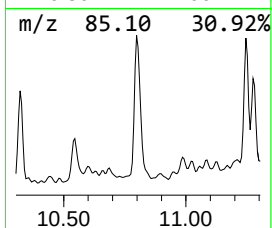
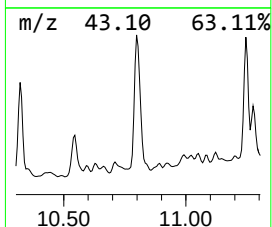
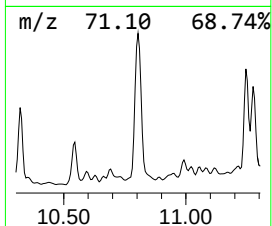
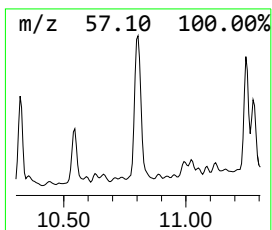
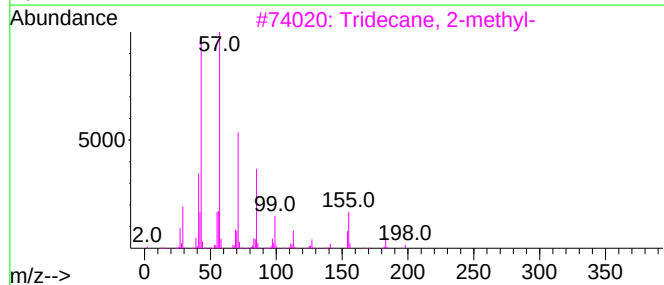
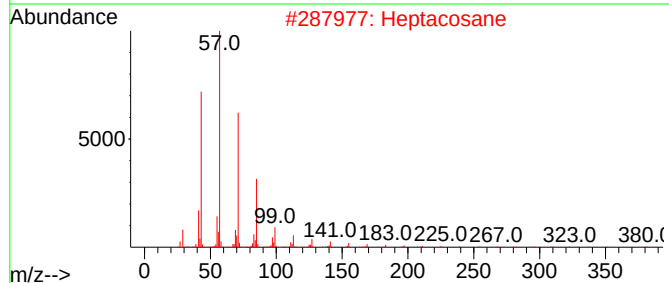
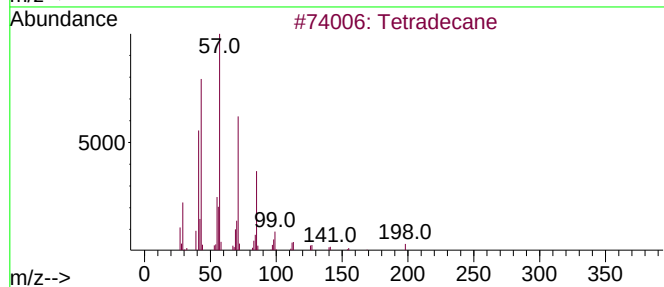
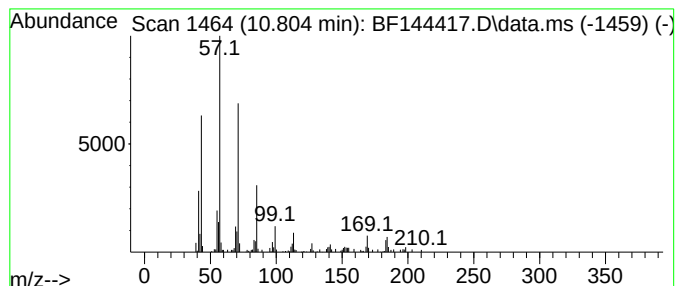
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	8.45 ng	152321	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Heptacosane	380	C27H56	000593-49-7	83
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5			Tridecane	184	C13H28	000629-50-5	83



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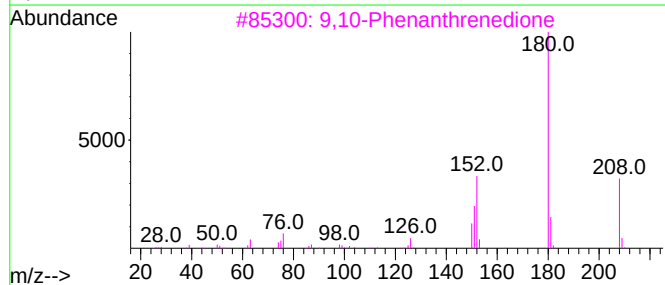
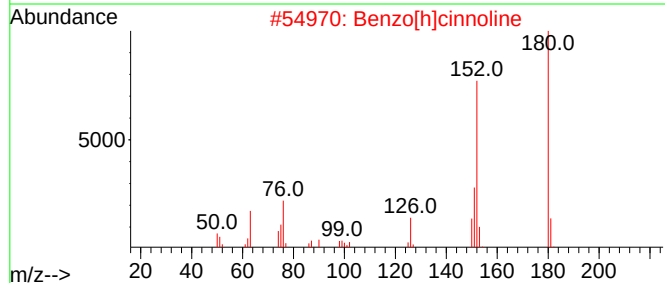
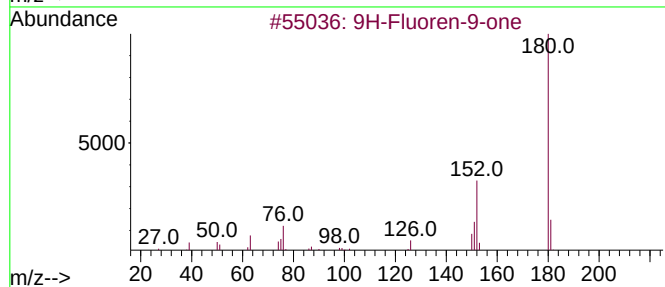
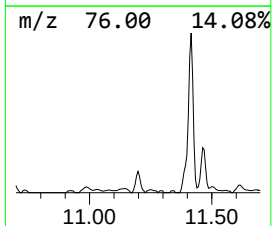
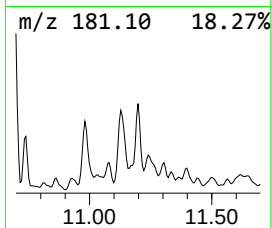
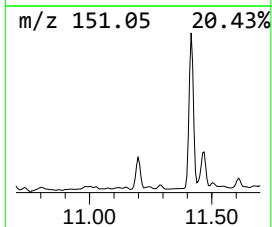
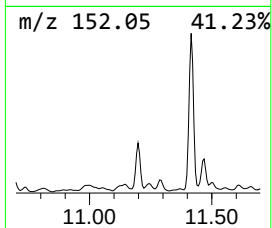
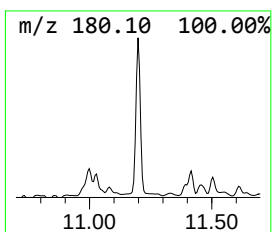
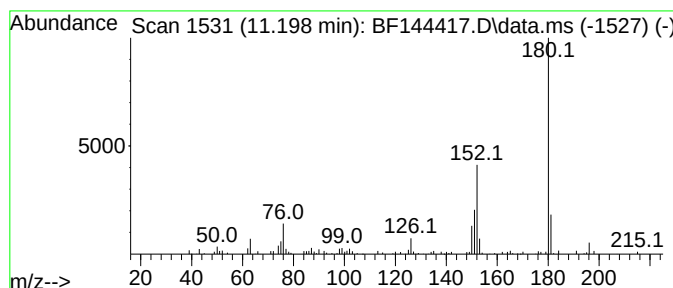
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.198	3.05 ng	55056	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	87
3	9,10-Phenanthrenedione		208	C14H8O2	000084-11-7	86
4	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64
5	2,3-Diazaphenanthrene		180	C12H8N2	000229-72-1	50



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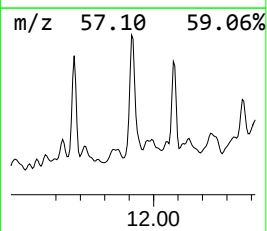
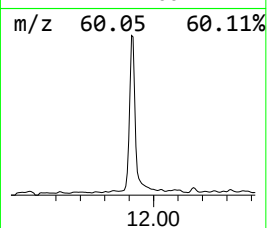
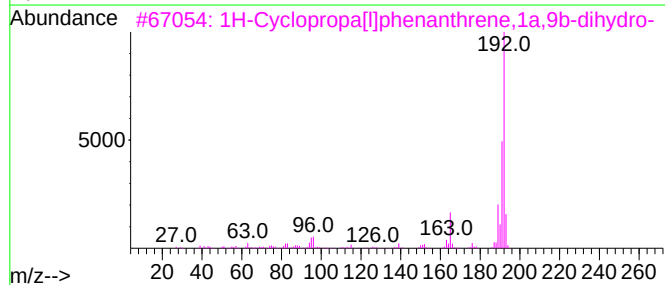
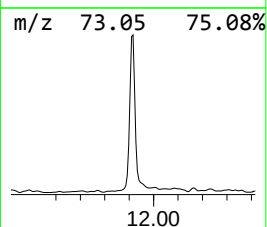
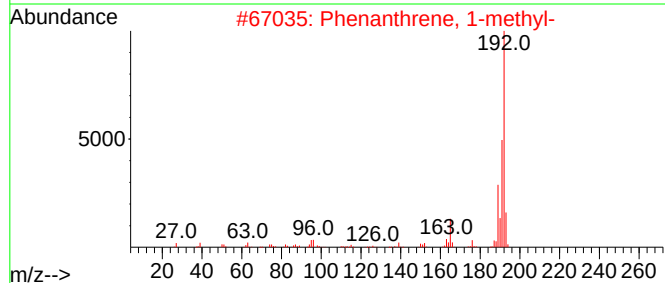
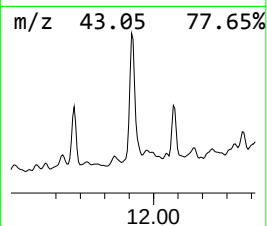
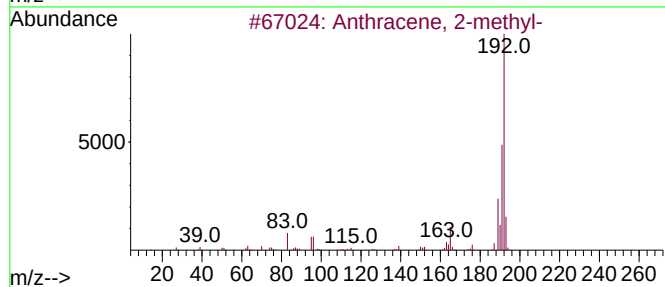
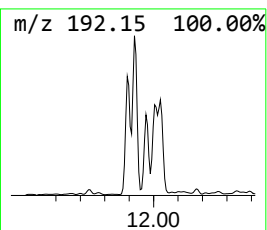
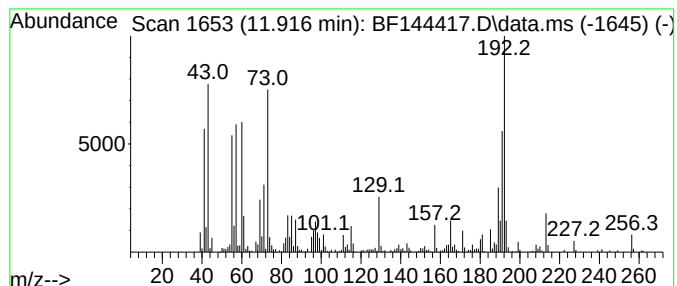
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	30.16 ng	543805	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Acq On : 03 Dec 2025 14:08
Operator : RC/JU
Sample : Q3741-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

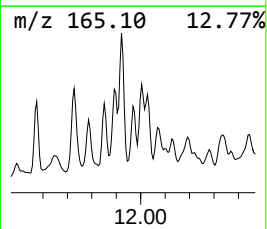
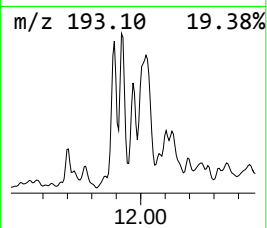
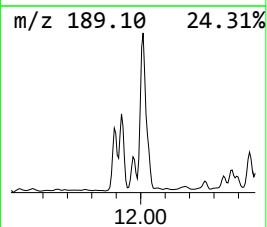
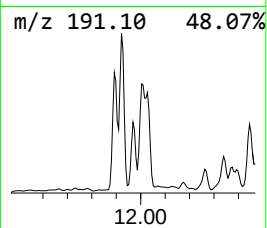
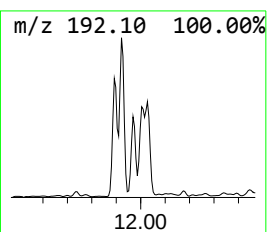
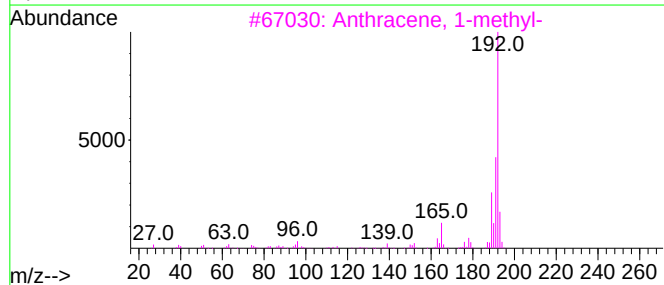
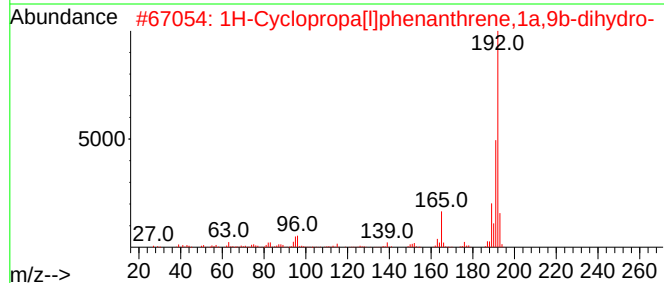
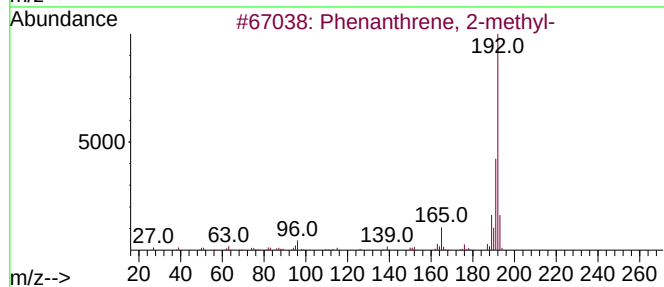
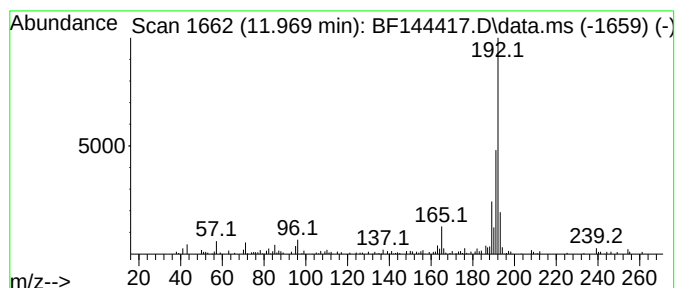
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.969	4.05 ng	73043	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Sample : Q3741-03
Misc :
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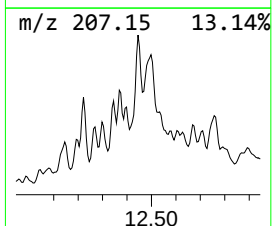
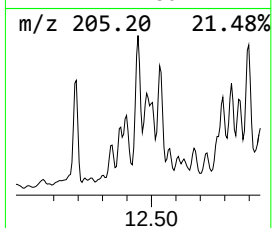
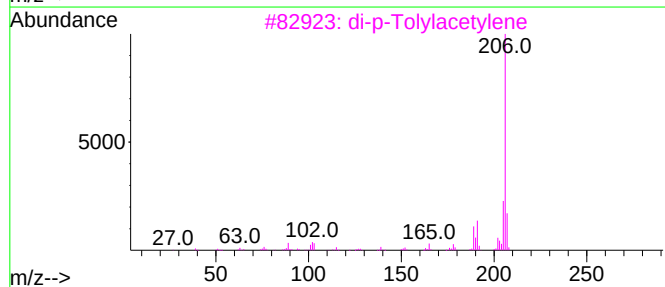
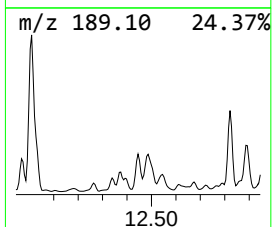
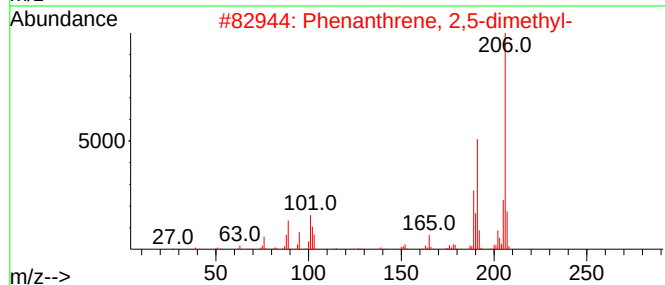
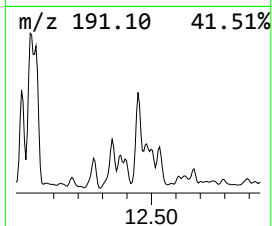
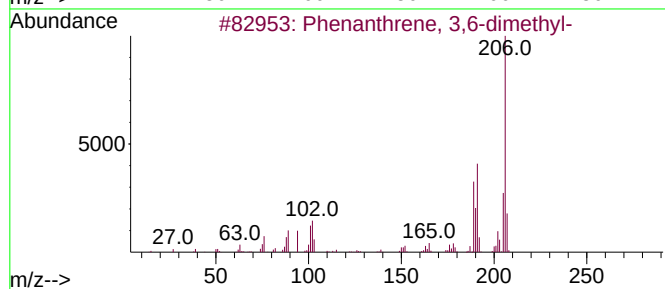
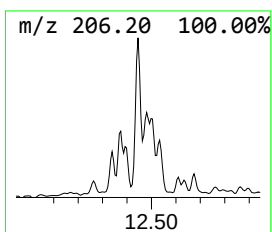
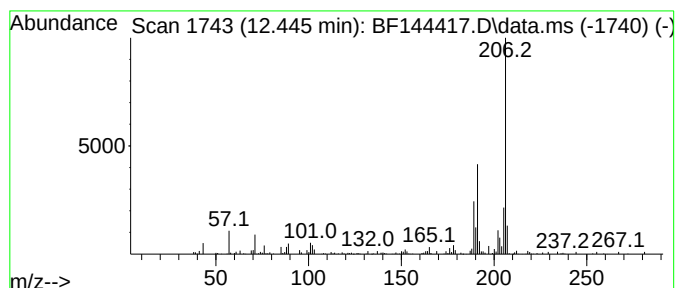
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.445	3.53 ng	63603	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	86
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	83
4	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	80
5	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Sample : Q3741-03
Misc :
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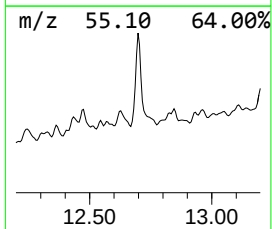
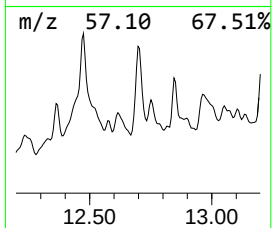
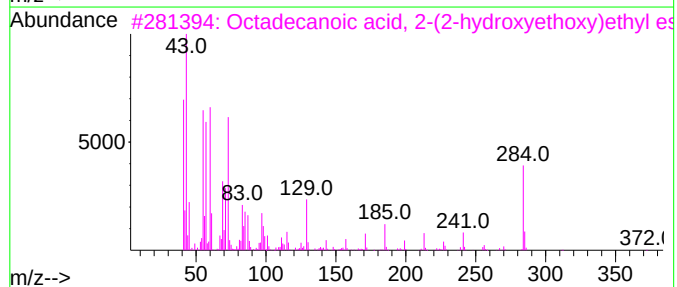
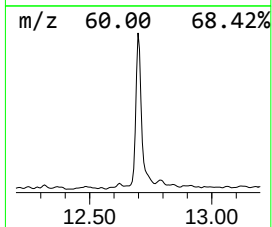
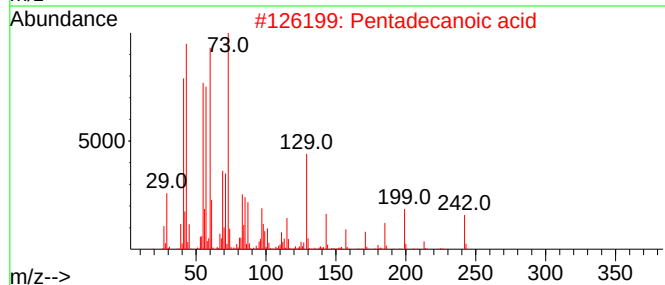
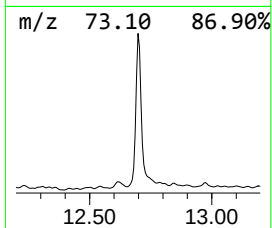
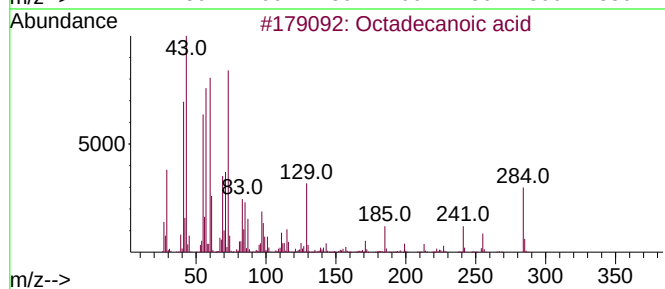
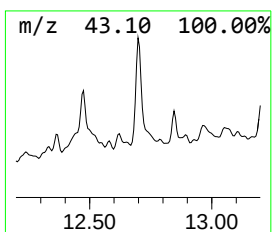
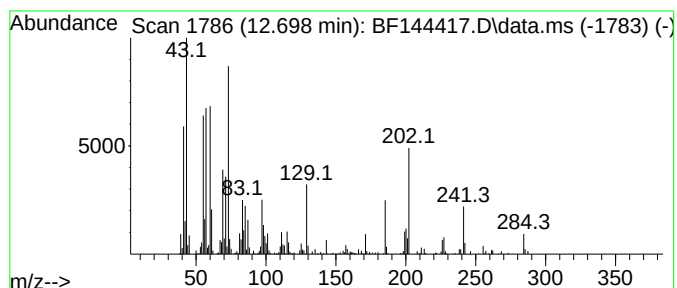
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.698	11.18 ng	201488	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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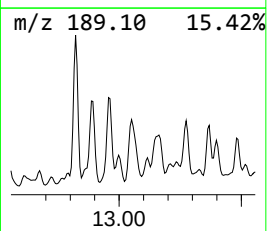
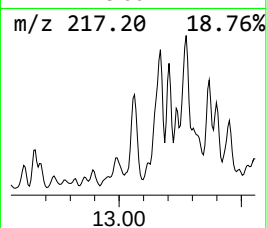
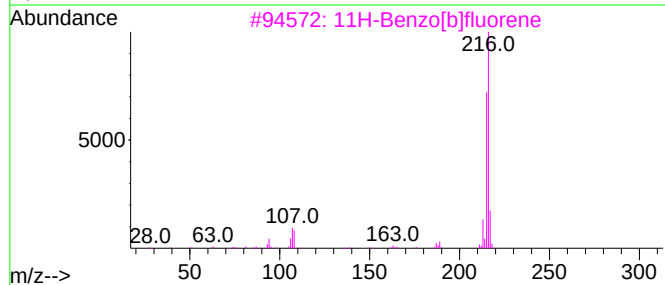
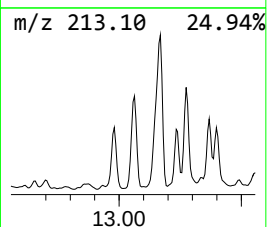
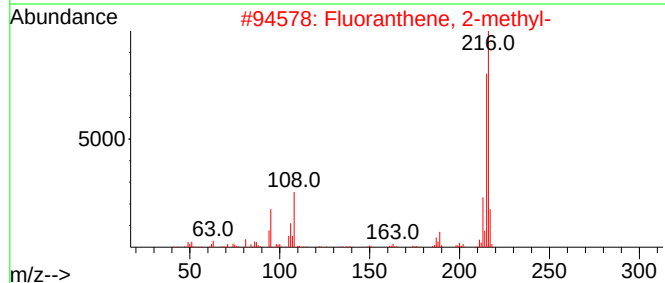
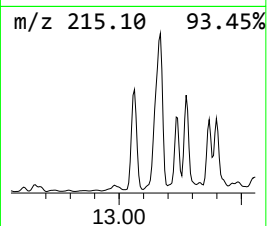
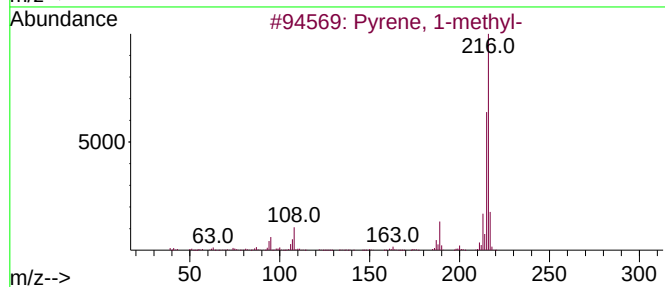
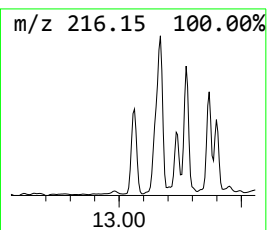
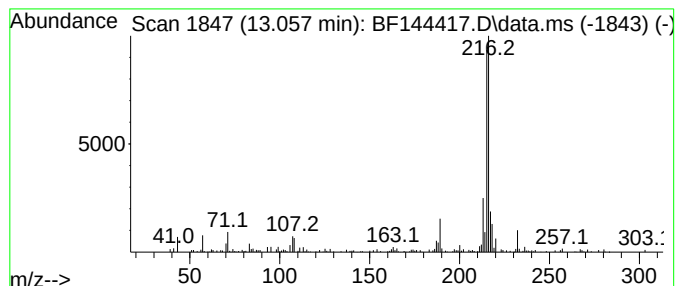
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.90 ng	140789	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Sample : Q3741-03
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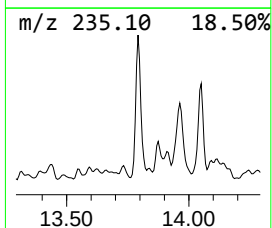
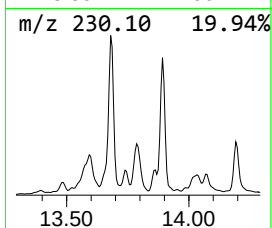
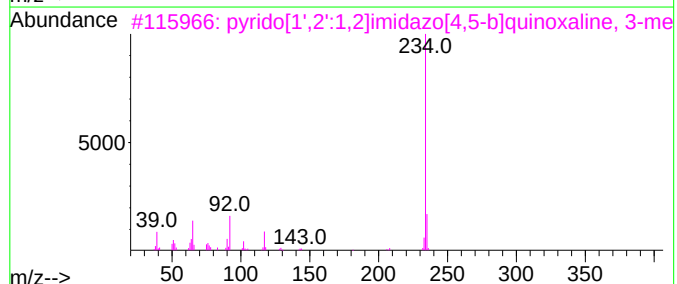
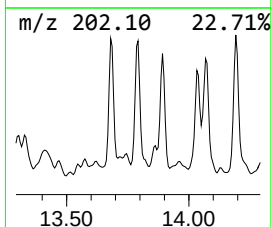
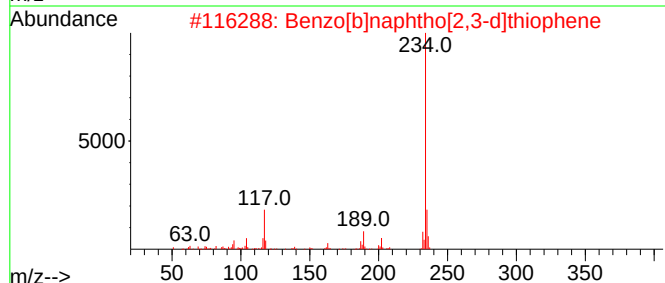
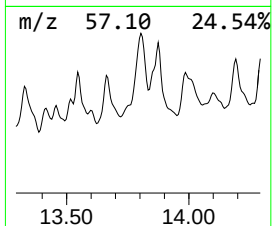
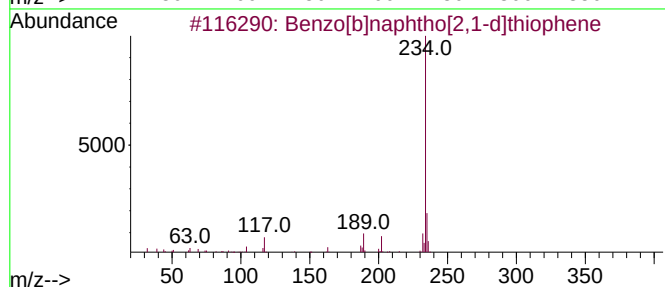
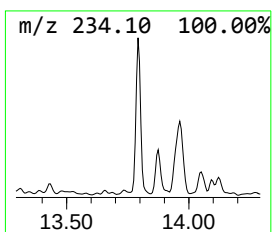
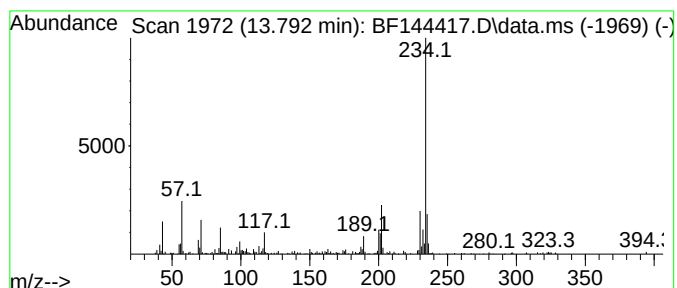
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.792	2.83 ng	137016	Chrysene-d12		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene		234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene		234	C16H10S	000243-46-9	58
3	pyrido[1',2':1,2]imidazo[4,5-b]q...		234	C14H10N4	1000401-06-3	47
4	Quinoxalino[2,3-b]quinoxaline, 5...		234	C14H10N4	000531-46-4	47
5	2-(5-Amino-2-chloro-4-cyano-2-et...		234	C10H7ClN4O	1000436-11-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
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Acq On : 03 Dec 2025 14:08
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ALS Vial : 4 Sample Multiplier: 1

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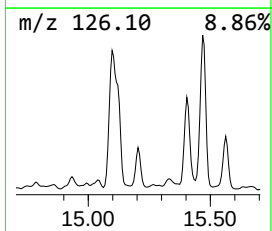
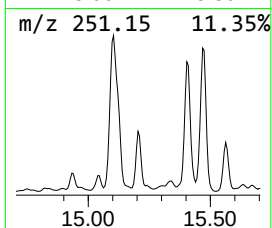
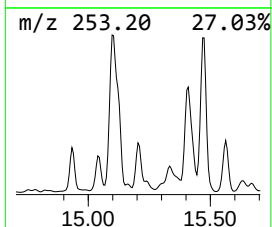
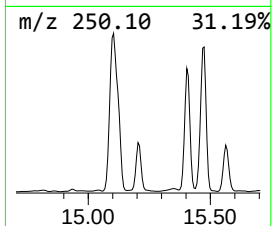
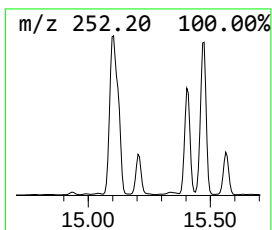
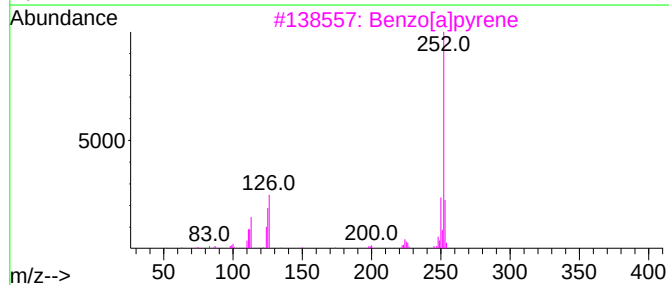
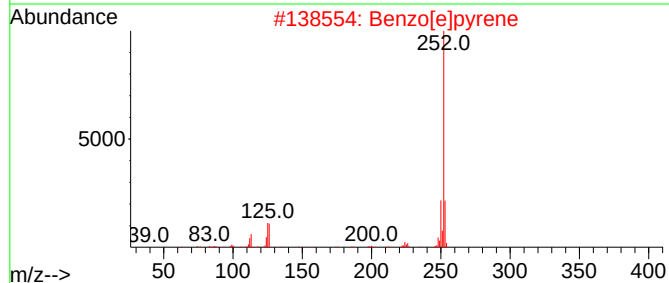
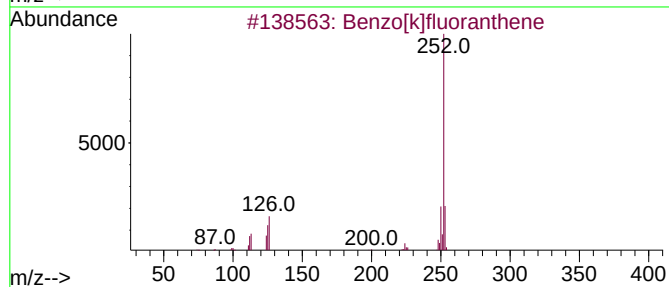
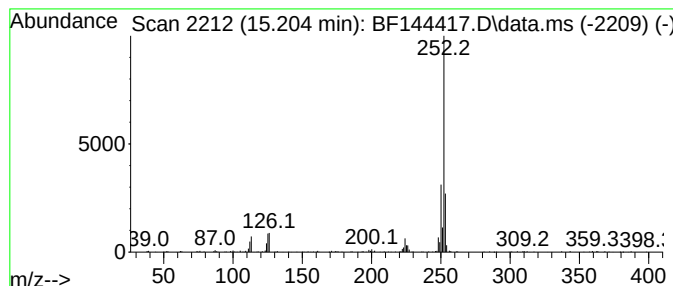
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	8.18 ng	141681	Perylene-d12	15.533

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	90
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
Data File : BF144417.D
Acq On : 03 Dec 2025 14:08
Operator : RC/JU
Sample : Q3741-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B50-SP14-112025

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
Benzophenone	10.610	6.8	ng	151573	3	9.898	443468	20.0
Tetradecane	10.804	8.4	ng	152321	4	11.392	360565	20.0
9H-Fluoren-9-one	11.198	3.0	ng	55056	4	11.392	360565	20.0
Anthracene, 2-m...	11.916	30.2	ng	543805	4	11.392	360565	20.0
Phenanthrene, 2...	11.969	4.0	ng	73043	4	11.392	360565	20.0
Phenanthrene, 3...	12.445	3.5	ng	63603	4	11.392	360565	20.0
Octadecanoic acid	12.698	11.2	ng	201488	4	11.392	360565	20.0
Pyrene, 1-methyl-	13.057	2.9	ng	140789	5	14.045	969355	20.0
Benzo[b]naphtho...	13.792	2.8	ng	137016	5	14.045	969355	20.0
Benzo[e]pyrene	15.204	8.2	ng	141681	6	15.533	346540	20.0