

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143806.D
 Acq On : 25 Sep 2025 16:21
 Operator : RC/JU
 Sample : Q3188-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB22120

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-BF092325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143806.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.475	35	48	56	rVB	366449	747539	4.42%	0.506%
2	5.493	555	561	566	rBV	1963292	2585899	15.30%	1.751%
3	6.498	726	732	743	rBV	1858181	2513107	14.86%	1.701%
4	6.881	792	797	803	rBV	671911	861931	5.10%	0.584%
5	7.440	887	892	898	rBV	1207536	1562575	9.24%	1.058%
6	8.163	1010	1015	1023	rBV2	852887	1237933	7.32%	0.838%
7	8.516	1071	1075	1079	rBV	185532	225313	1.33%	0.153%
8	8.663	1095	1100	1109	rVB	186586	232763	1.38%	0.158%
9	8.928	1141	1145	1150	rBV	250914	301540	1.78%	0.204%
10	9.239	1194	1198	1203	rVB	2122507	2653549	15.70%	1.796%
11	9.504	1237	1243	1248	rBV	259160	393637	2.33%	0.266%
12	9.581	1248	1256	1258	rVV2	377746	566602	3.35%	0.384%
13	9.604	1258	1260	1264	rVV	236922	268811	1.59%	0.182%
14	9.698	1268	1276	1284	rVV3	160101	435757	2.58%	0.295%
15	9.781	1284	1290	1296	rVB2	186250	284564	1.68%	0.193%
16	9.922	1303	1314	1317	rBV	888577	1289182	7.63%	0.873%
17	9.957	1317	1320	1328	rVV	3076774	4115605	24.34%	2.786%
18	10.081	1336	1341	1345	rVV	252244	349407	2.07%	0.237%
19	10.128	1345	1349	1353	rVV	1760371	2217687	13.12%	1.501%
20	10.239	1364	1368	1370	rBV	135944	175969	1.04%	0.119%
21	10.328	1379	1383	1390	rBV	123130	270711	1.60%	0.183%
22	10.422	1393	1399	1403	rBV2	101387	174320	1.03%	0.118%
23	10.475	1403	1408	1413	rVV	3376994	4622430	27.34%	3.129%
24	10.557	1413	1422	1426	rVV2	624198	1644158	9.73%	1.113%
25	10.628	1428	1434	1440	rVB3	1071041	1758971	10.40%	1.191%
26	10.710	1442	1448	1453	rBV2	2207108	3291734	19.47%	2.228%
27	10.757	1453	1456	1460	rVB2	232010	343302	2.03%	0.232%
28	10.839	1460	1470	1475	rVB3	193191	310344	1.84%	0.210%
29	10.904	1475	1481	1485	rBV3	112419	202755	1.20%	0.137%
30	11.022	1494	1501	1504	rBV3	793463	1402387	8.29%	0.949%
31	11.104	1511	1515	1518	rVB2	288014	377431	2.23%	0.256%
32	11.145	1518	1522	1524	rVV3	308922	473668	2.80%	0.321%
33	11.169	1524	1526	1531	rVV	367563	603225	3.57%	0.408%
34	11.216	1531	1534	1538	rVV2	335321	460145	2.72%	0.312%
35	11.263	1538	1542	1546	rVV2	427025	674995	3.99%	0.457%
36	11.310	1546	1550	1557	rVB	1329309	1757974	10.40%	1.190%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.457	1563	1575	1579	rBV	8182926	16906475	100.00%	11.445%
38	11.498	1579	1582	1585	rVB	1319427	1564924	9.26%	1.059%
39	11.639	1600	1606	1614	rBV2	763824	1529638	9.05%	1.036%
40	11.710	1614	1618	1622	rVV2	416727	540680	3.20%	0.366%
41	11.745	1622	1624	1629	rVB3	156040	202185	1.20%	0.137%
42	11.828	1635	1638	1642	rVB	164041	211833	1.25%	0.143%
43	11.916	1648	1653	1655	rBV	1340056	1818275	10.75%	1.231%
44	11.945	1655	1658	1662	rVV	2185004	2835734	16.77%	1.920%
45	11.992	1662	1666	1669	rVV	550129	766623	4.53%	0.519%
46	12.033	1669	1673	1680	rVB2	3240774	5159016	30.52%	3.493%
47	12.116	1680	1687	1690	rBV3	119254	233400	1.38%	0.158%
48	12.210	1699	1703	1706	rBV	1016031	1363765	8.07%	0.923%
49	12.357	1723	1728	1731	rBV2	240014	355732	2.10%	0.241%
50	12.392	1731	1734	1735	rVV	165757	180176	1.07%	0.122%
51	12.416	1735	1738	1742	rVB2	247326	315391	1.87%	0.214%
52	12.469	1742	1747	1750	rBV	339201	544493	3.22%	0.369%
53	12.504	1750	1753	1759	rVB	296887	473742	2.80%	0.321%
54	12.563	1759	1763	1769	rVB2	330358	463347	2.74%	0.314%
55	12.651	1769	1778	1782	rBV	7618863	14460855	85.53%	9.790%
56	12.692	1782	1785	1788	rVV2	227695	306904	1.82%	0.208%
57	12.722	1788	1790	1794	rVB	237615	275864	1.63%	0.187%
58	12.780	1794	1800	1808	rVB2	520488	940316	5.56%	0.637%
59	12.875	1808	1816	1821	rBV3	6475509	12899394	76.30%	8.733%
60	12.910	1821	1822	1827	rVB2	477900	373983	2.21%	0.253%
61	13.004	1829	1838	1844	rVB3	2007761	3774711	22.33%	2.555%
62	13.075	1844	1850	1854	rBV3	629099	1227630	7.26%	0.831%
63	13.186	1860	1869	1874	rVB	1413613	2623862	15.52%	1.776%
64	13.257	1874	1881	1884	rBV	1529755	2130257	12.60%	1.442%
65	13.292	1884	1887	1890	rVV2	757740	1141969	6.75%	0.773%
66	13.345	1894	1896	1899	rVV	168840	211139	1.25%	0.143%
67	13.386	1899	1903	1905	rVV	260988	350277	2.07%	0.237%
68	13.416	1905	1908	1917	rVB3	327860	517221	3.06%	0.350%
69	13.669	1948	1951	1952	rBV2	165391	177636	1.05%	0.120%
70	13.733	1959	1962	1965	rBV2	192119	248722	1.47%	0.168%
71	13.804	1970	1974	1977	rBV2	523121	791567	4.68%	0.536%
72	13.839	1977	1980	1981	rVV	672988	820279	4.85%	0.555%
73	13.857	1981	1983	1988	rVV2	900164	1355520	8.02%	0.918%
74	13.898	1988	1990	1995	rVB	305589	381345	2.26%	0.258%
75	13.951	1995	1999	2001	rBV	175019	235783	1.39%	0.160%
76	14.057	2009	2017	2020	rBV2	3242063	6130541	36.26%	4.150%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.086	2020	2022	2029	rVB	2430643	3282927	19.42%	2.222%
78	14.169	2032	2036	2045	rVV	653168	943239	5.58%	0.639%
79	14.274	2051	2054	2058	rVB2	263706	353800	2.09%	0.240%
80	14.439	2079	2082	2086	rVB	337075	429028	2.54%	0.290%
81	14.474	2086	2088	2092	rVB3	250827	305281	1.81%	0.207%
82	14.533	2094	2098	2101	rBV3	269056	434436	2.57%	0.294%
83	14.569	2101	2104	2105	rBV2	180109	176952	1.05%	0.120%
84	14.639	2112	2116	2121	rVB3	177312	323322	1.91%	0.219%
85	14.686	2121	2124	2129	rVB2	270830	362373	2.14%	0.245%
86	14.751	2130	2135	2138	rBV	305752	511737	3.03%	0.346%
87	15.110	2190	2196	2205	rBV	2165392	5133702	30.37%	3.475%
88	15.216	2210	2214	2218	rVB	321680	432090	2.56%	0.293%
89	15.310	2226	2230	2235	rBV	100372	220318	1.30%	0.149%
90	15.416	2242	2248	2253	rVB	1019895	1642136	9.71%	1.112%
91	15.474	2253	2258	2264	rVB	1220841	1884330	11.15%	1.276%
92	15.539	2264	2269	2272	rBV	883375	1361569	8.05%	0.922%
93	17.021	2515	2521	2528	rVB2	382982	780094	4.61%	0.528%
94	17.274	2558	2564	2576	rVB4	117080	296319	1.75%	0.201%
95	17.474	2591	2598	2614	rVB	252880	610716	3.61%	0.413%

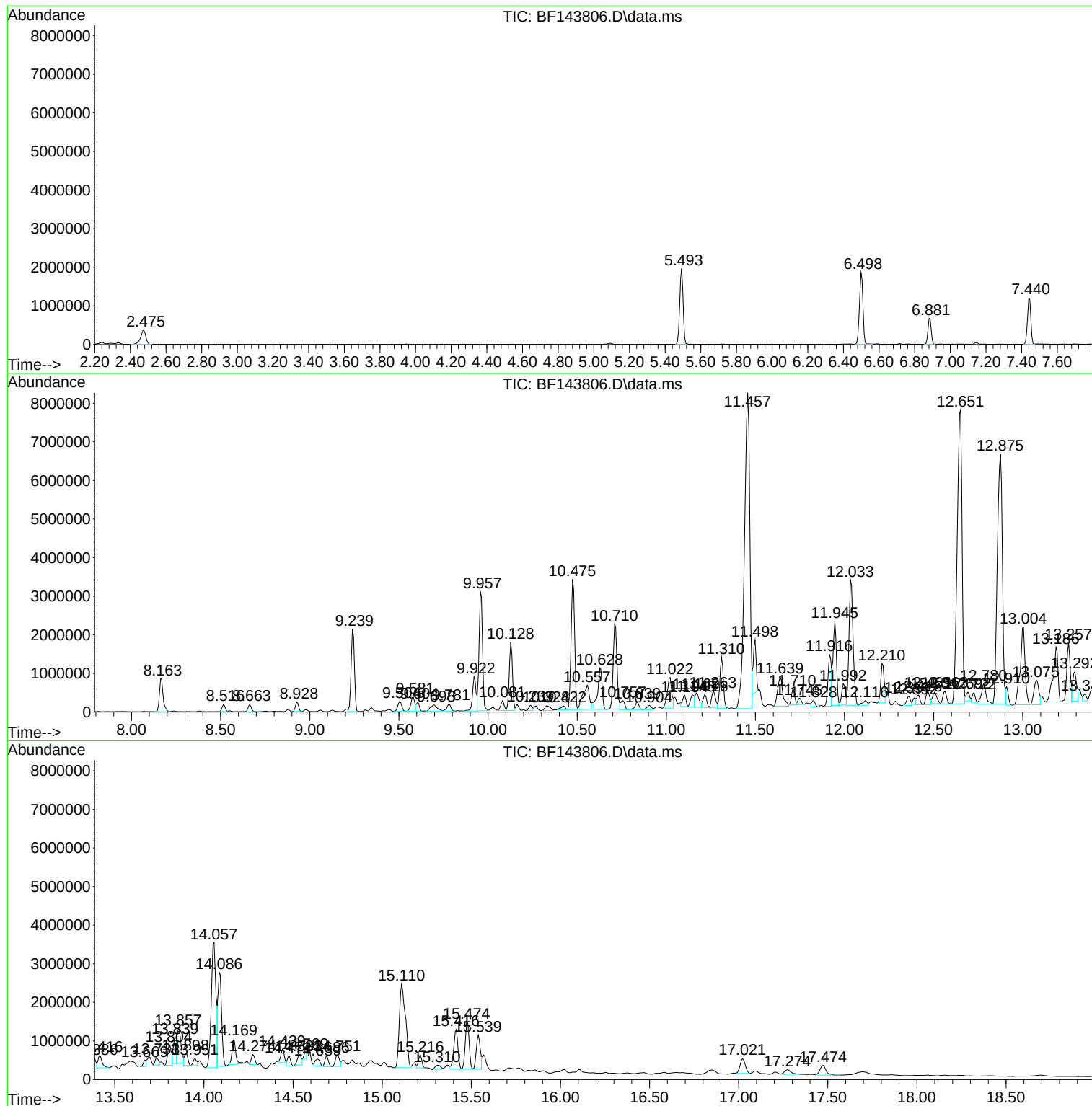
Sum of corrected areas: 147713493

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Instrument :
BNA_F
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RB22120

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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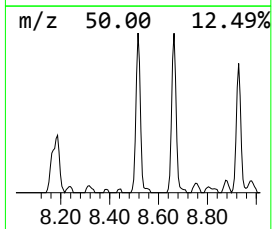
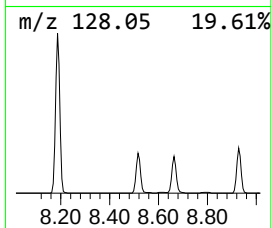
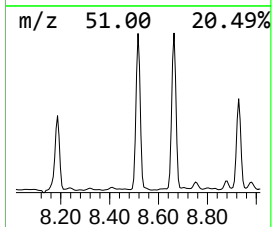
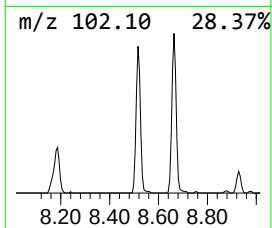
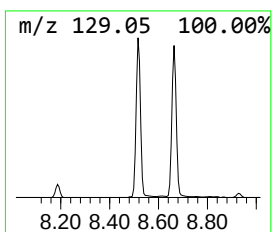
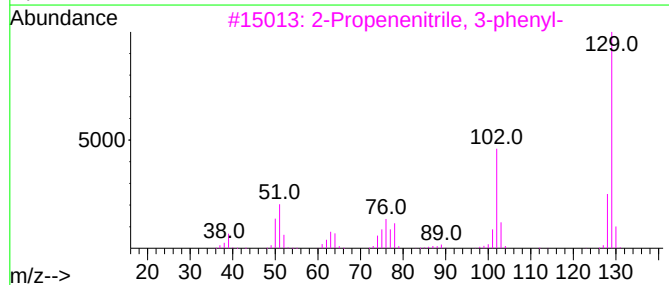
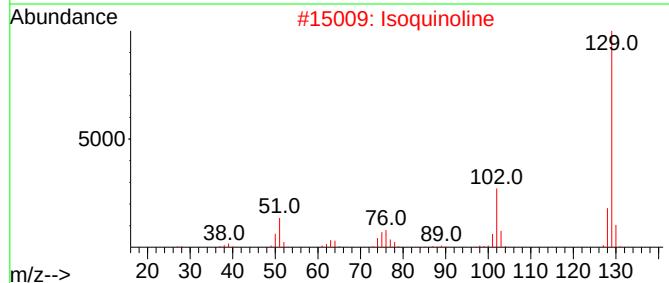
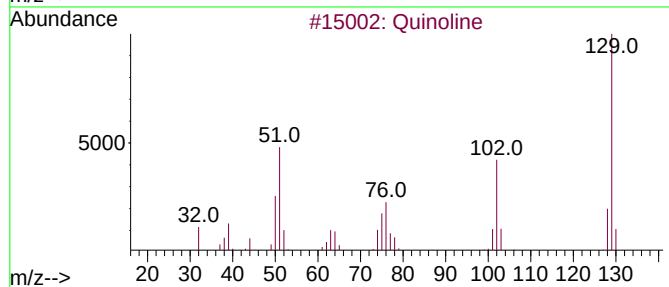
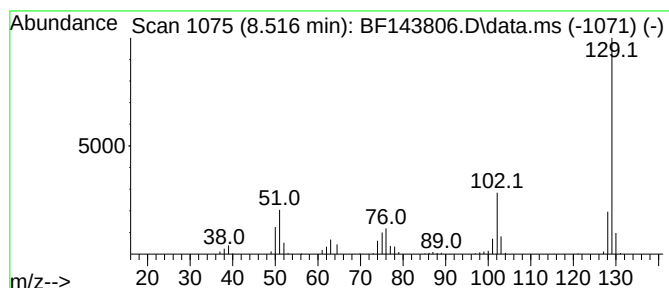
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Quinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	3.64 ng	225313	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline			129	C9H7N	000091-22-5	97
2	Isoquinoline			129	C9H7N	000119-65-3	95
3	2-Propenenitrile, 3-phenyl-			129	C9H7N	004360-47-8	95
4	2-Propenenitrile, 3-phenyl-, (E)-			129	C9H7N	001885-38-7	90
5	2,4-Dicyanopyridine			129	C7H3N3	029181-50-8	83



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Instrument :
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ClientSampleId :
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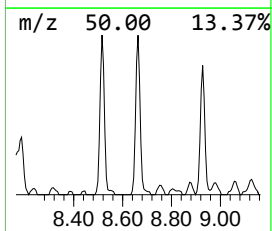
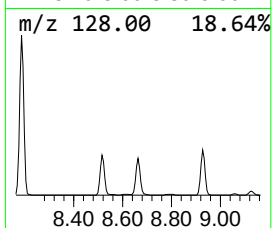
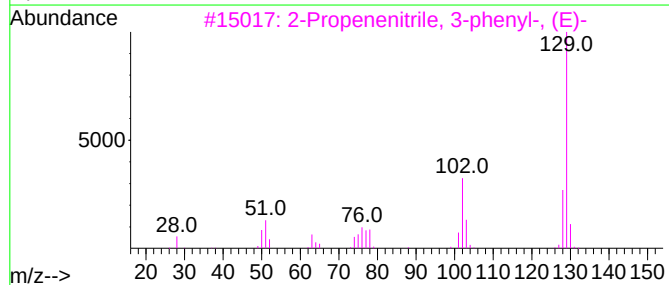
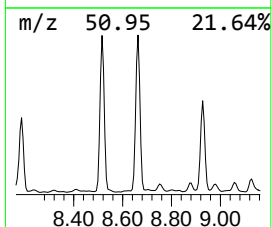
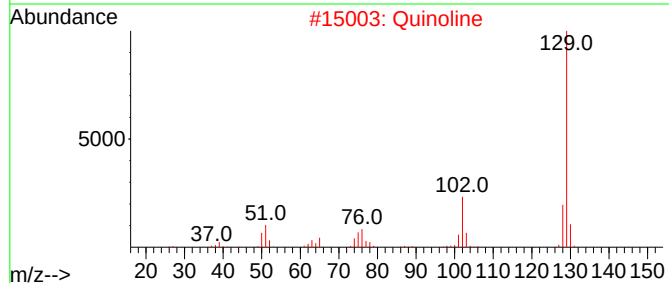
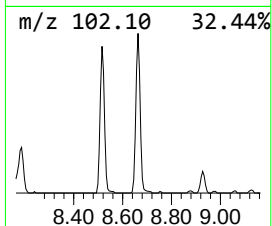
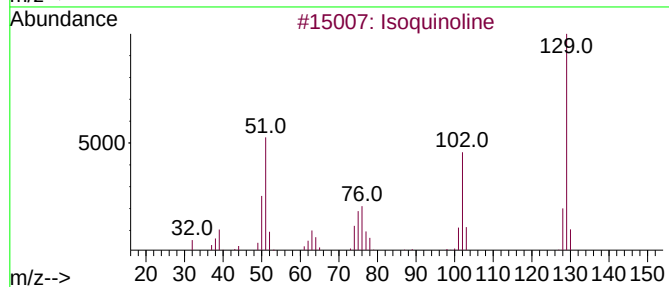
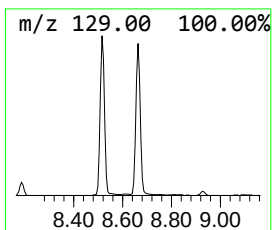
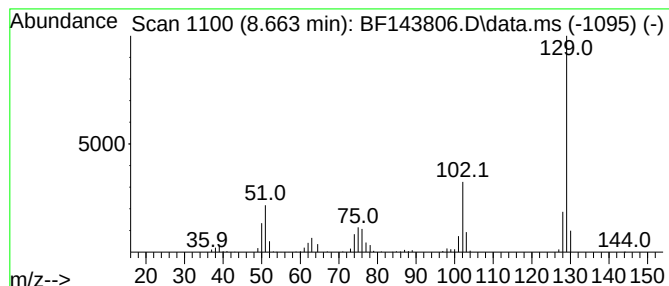
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Isoquinoline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	3.76 ng	232763	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoquinoline	129	C9H7N	000119-65-3	97
2			Quinoline	129	C9H7N	000091-22-5	96
3			2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	90
4			1-Benzocyclobutenecarbonitrile	129	C9H7N	006809-91-2	87
5			2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	83



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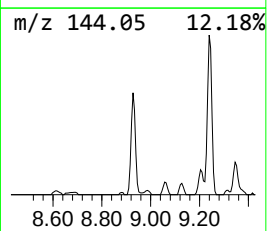
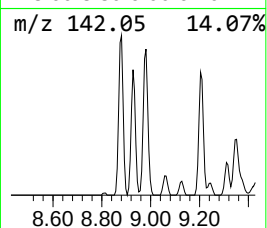
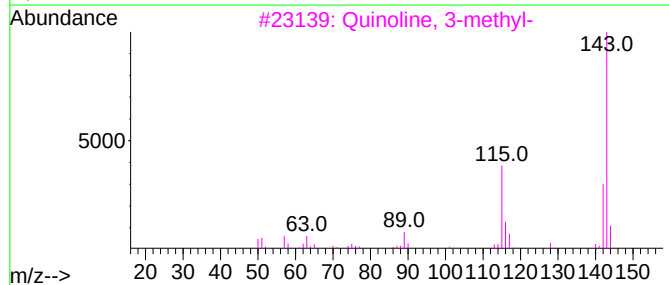
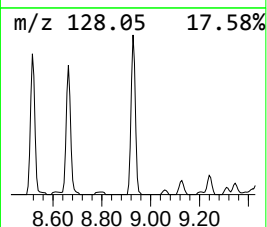
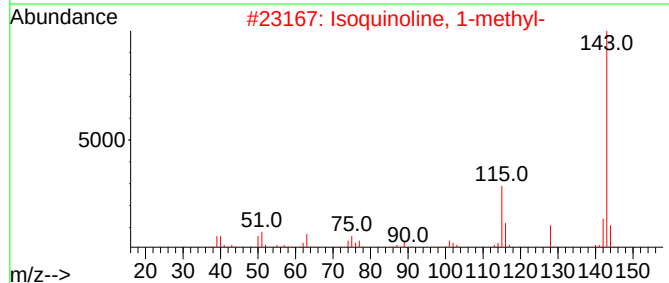
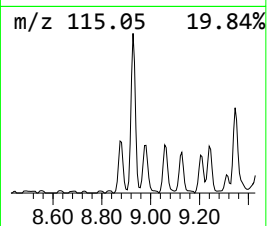
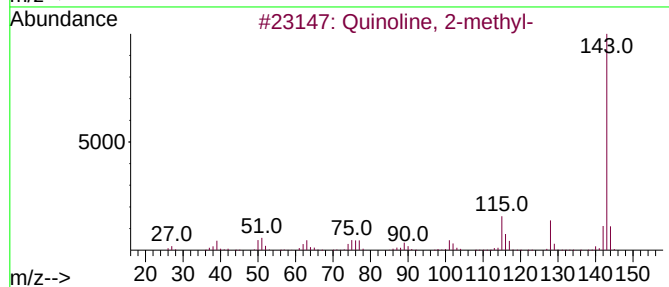
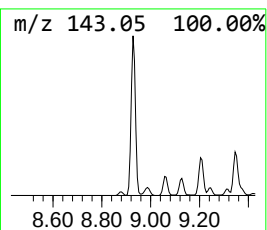
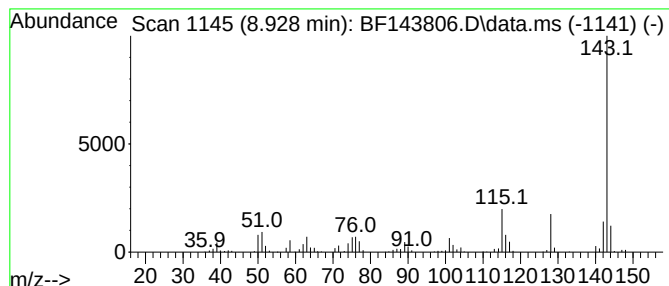
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Quinoline, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	4.87 ng	301540	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2			Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	90
3			Quinoline, 3-methyl-	143	C10H9N	000612-58-8	87
4			Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	87
5			Quinoline, 4-methyl-	143	C10H9N	000491-35-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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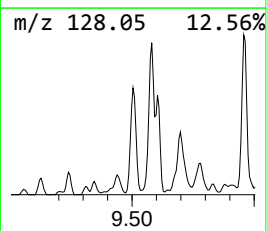
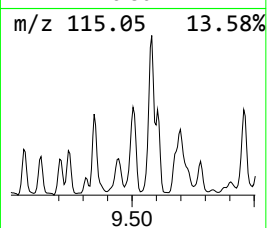
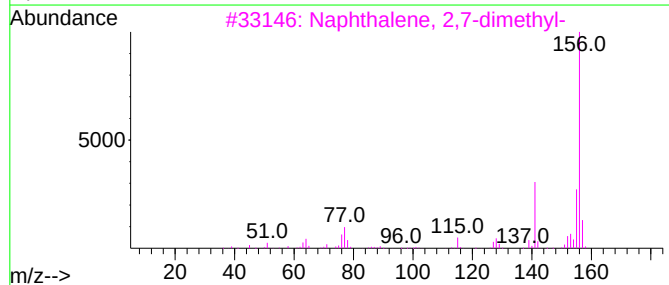
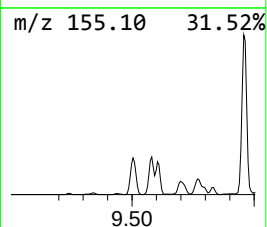
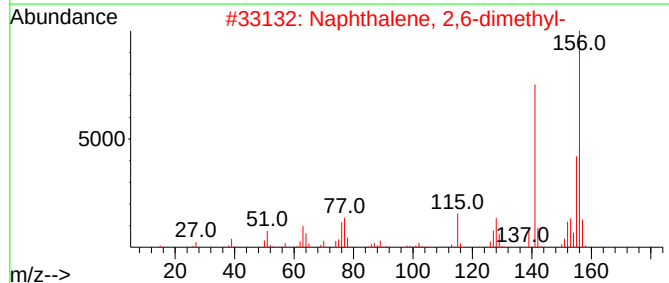
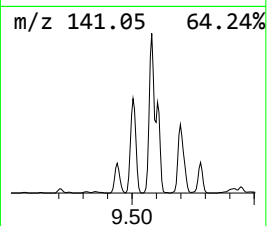
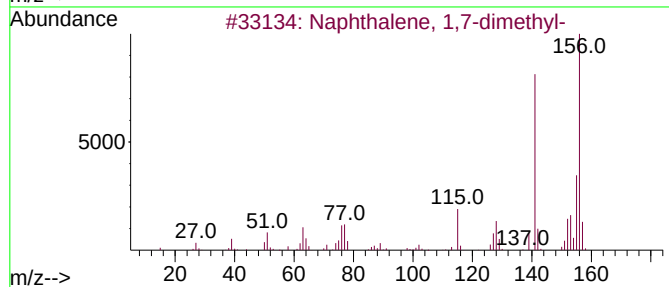
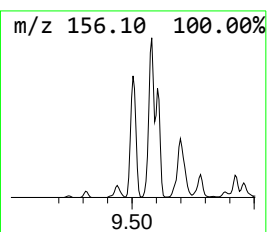
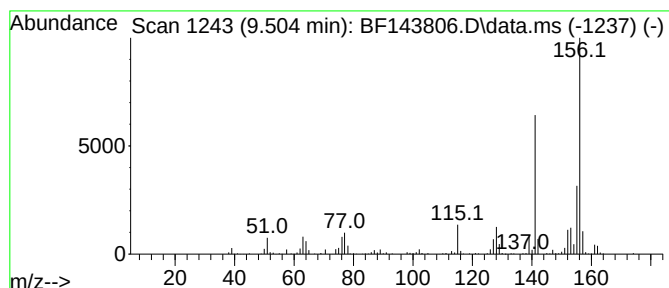
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	6.11 ng	393637	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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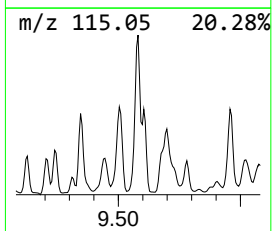
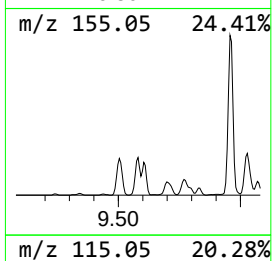
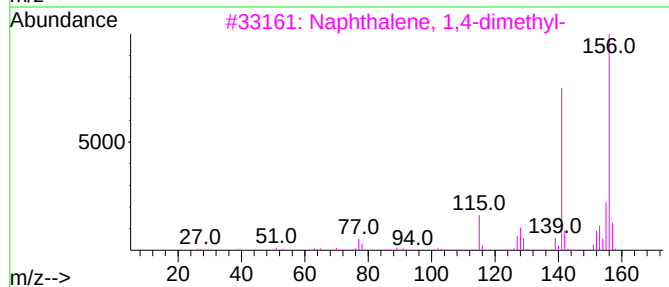
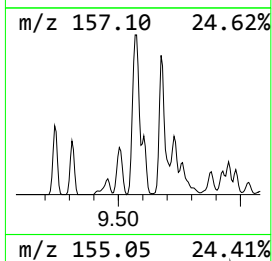
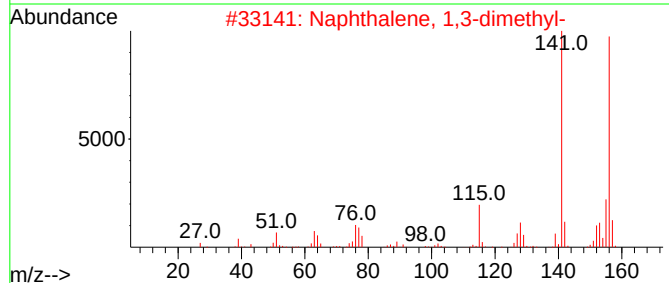
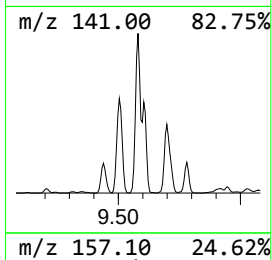
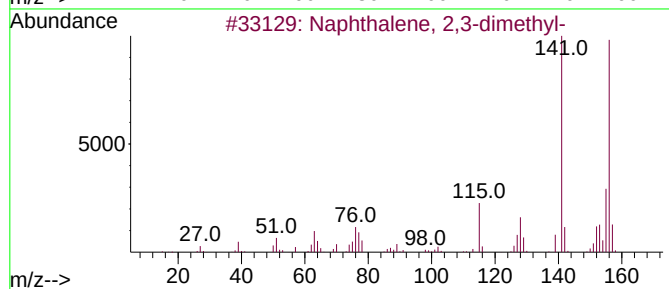
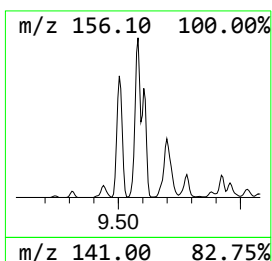
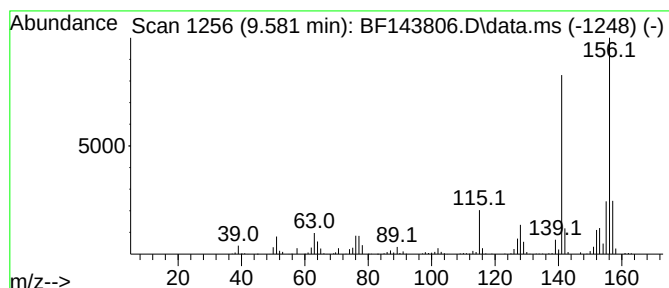
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	8.79 ng	566602	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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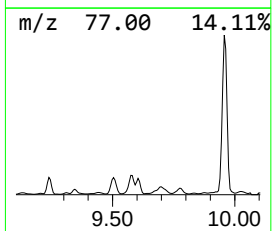
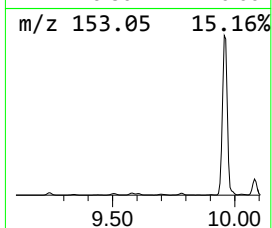
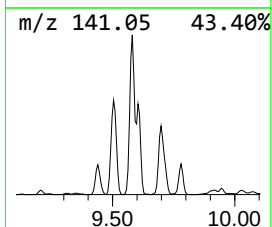
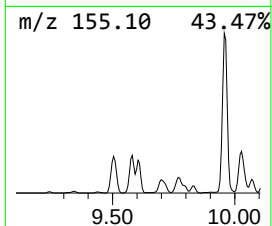
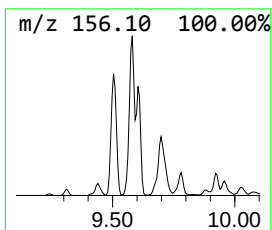
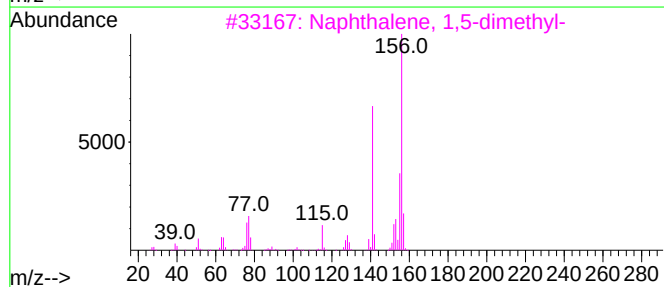
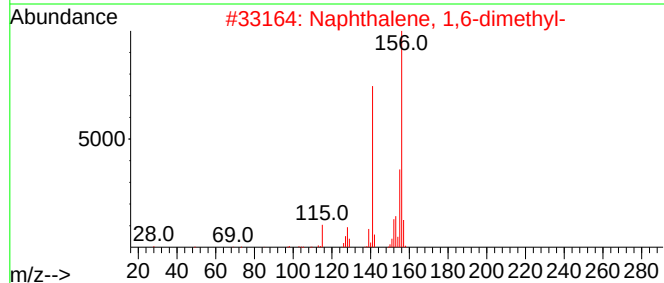
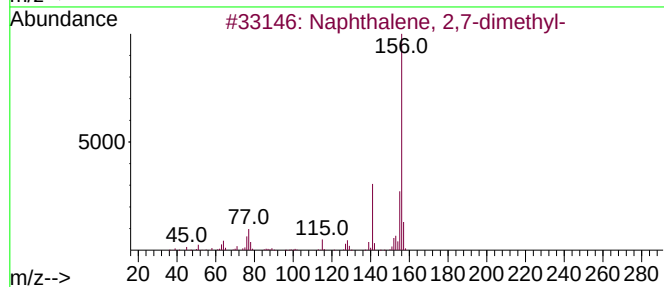
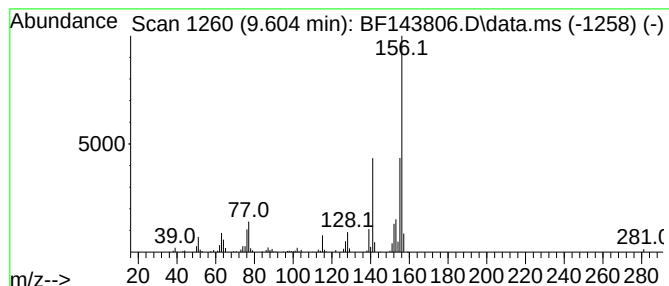
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	4.17 ng	268811	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	80
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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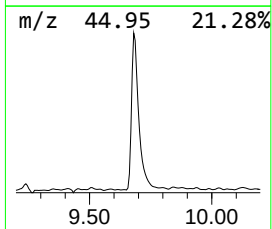
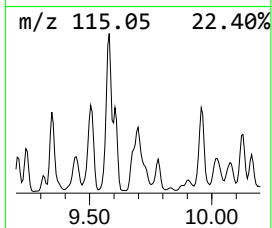
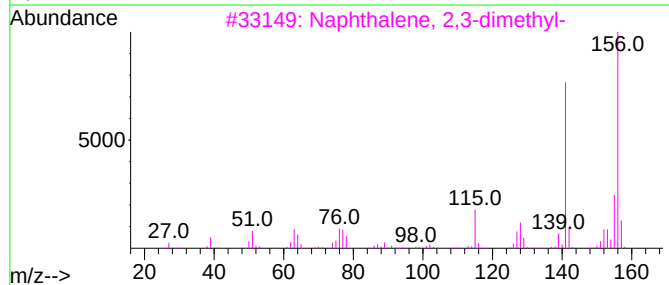
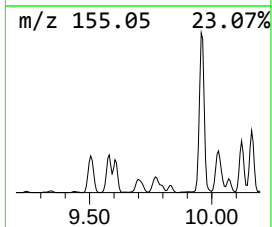
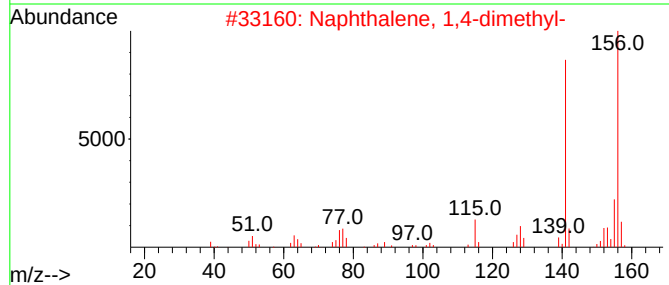
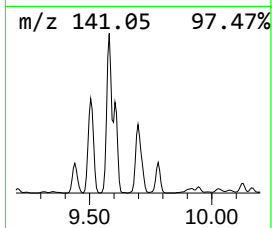
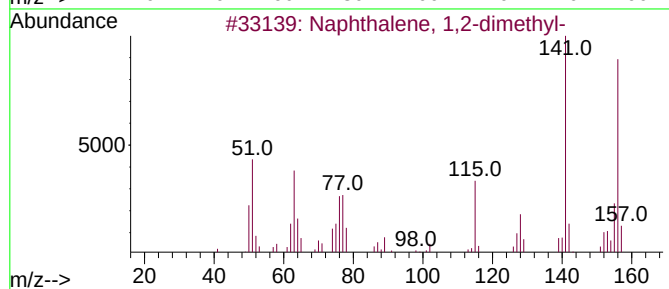
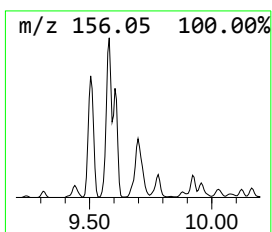
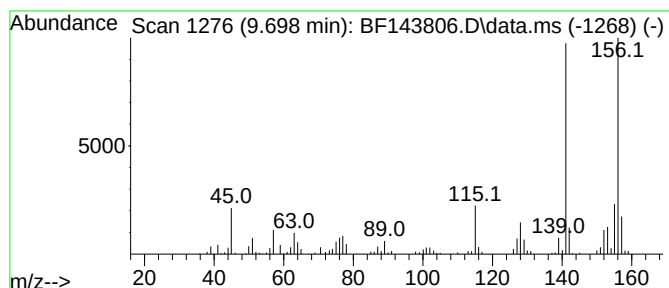
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	6.76 ng	435757	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
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Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

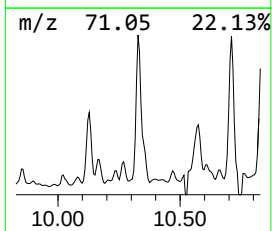
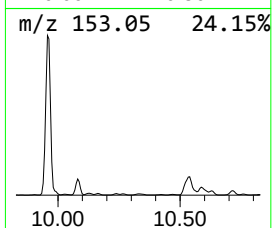
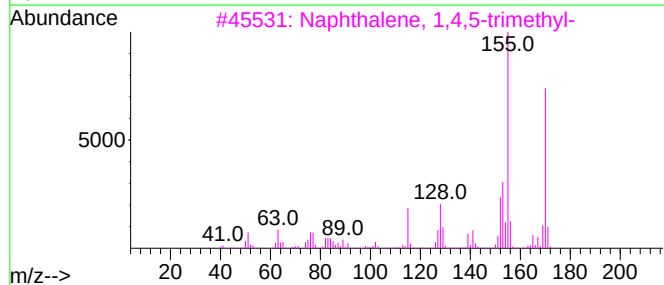
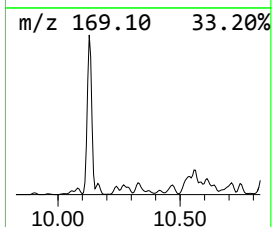
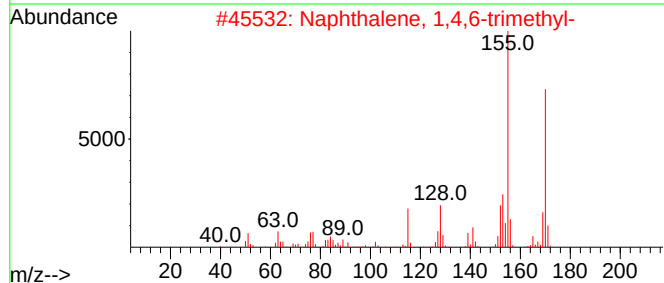
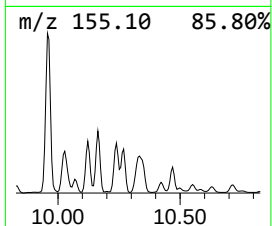
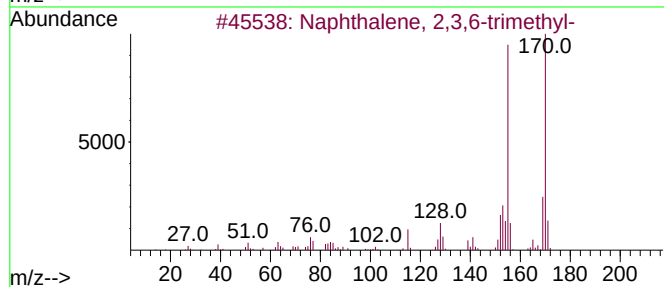
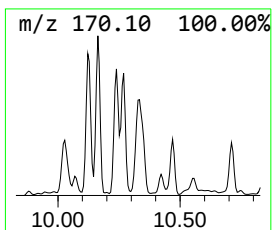
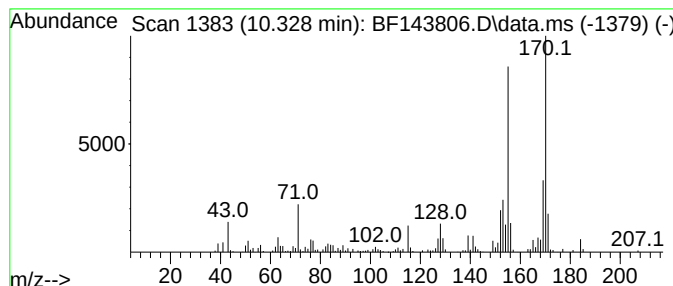
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.328	4.20 ng	270711	Acenaphthene-d10			9.922
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	96
4	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	96
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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ALS Vial : 6 Sample Multiplier: 1

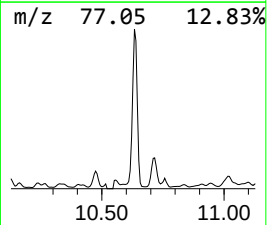
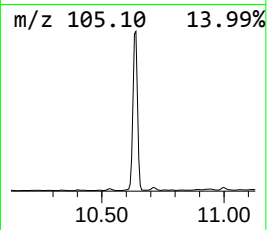
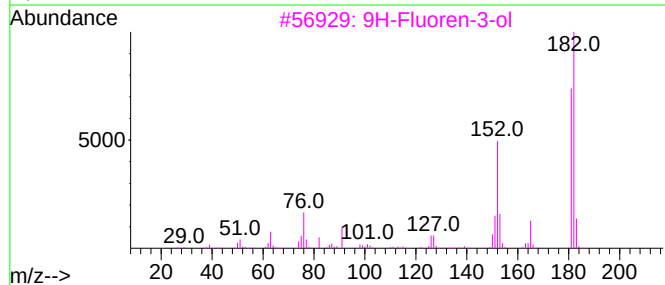
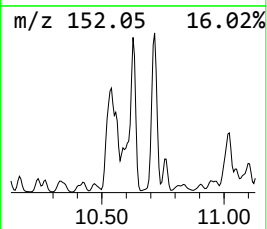
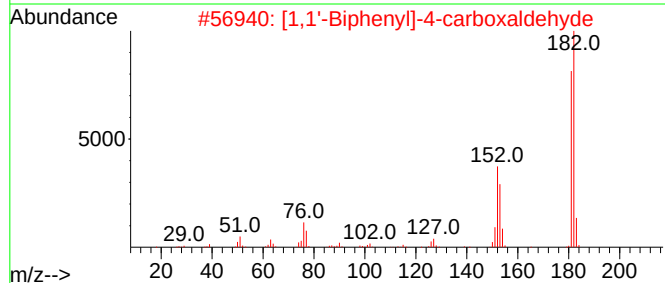
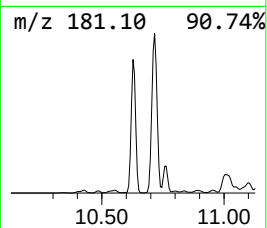
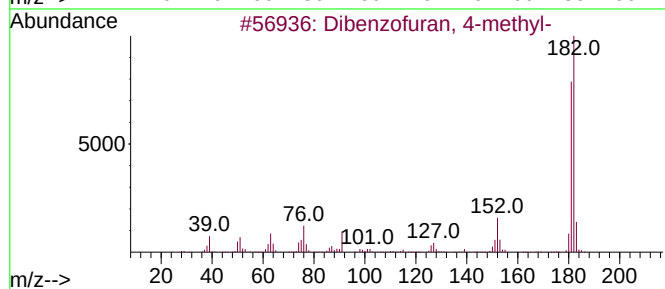
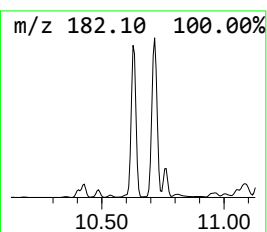
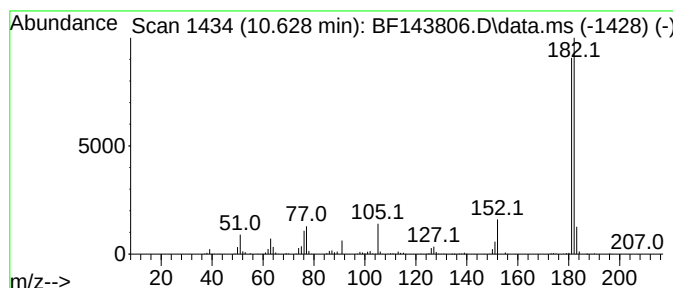
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.628	27.29 ng	1758970	Acenaphthene-d10	9.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	80
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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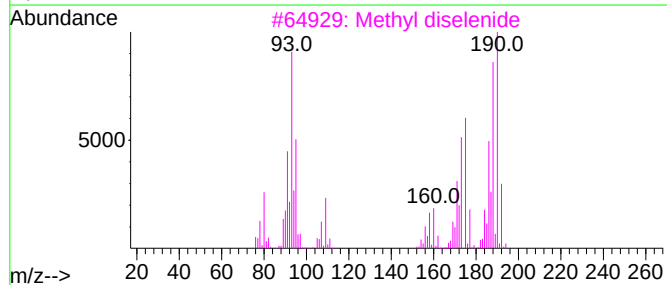
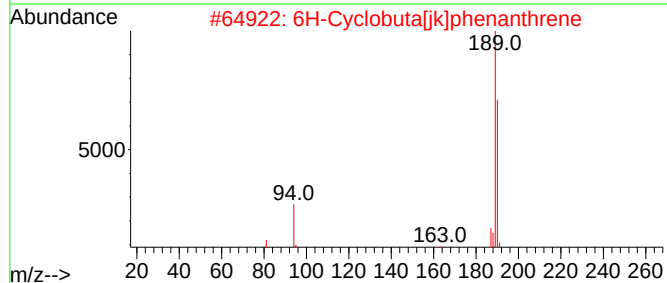
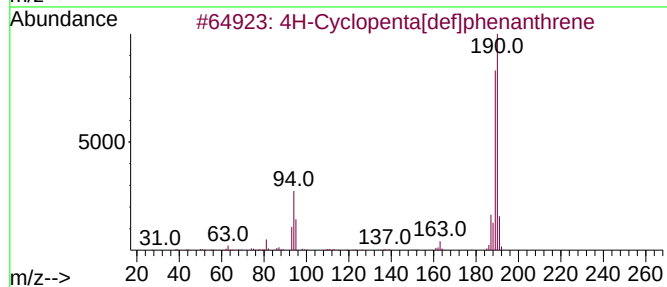
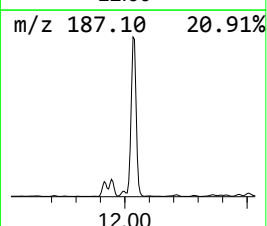
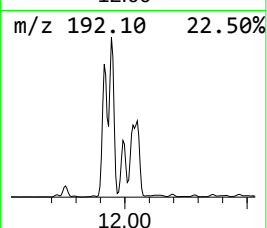
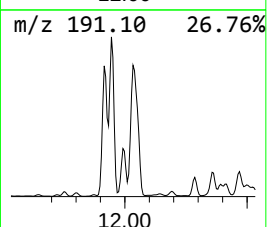
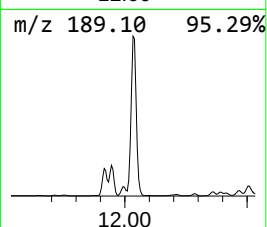
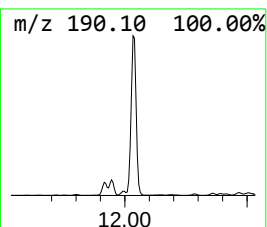
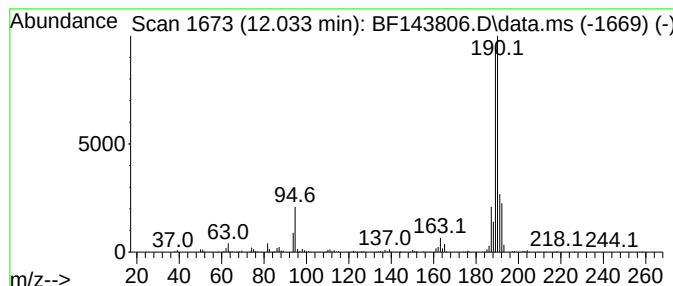
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	6.10 ng	5159020	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	50
3	Methyl diselenide		190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40



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Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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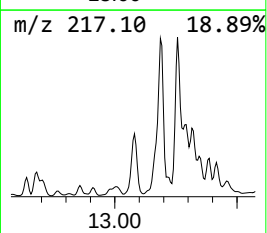
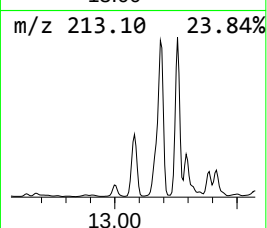
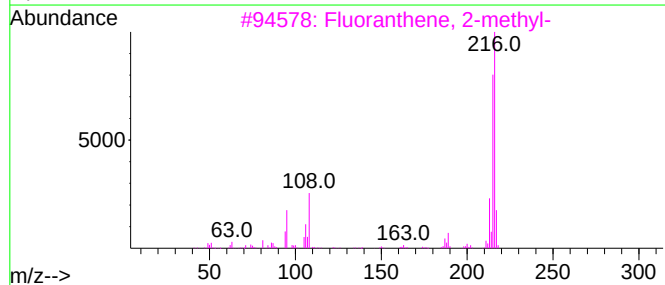
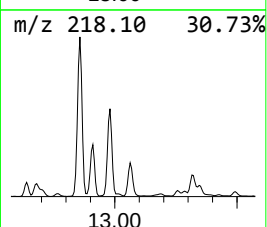
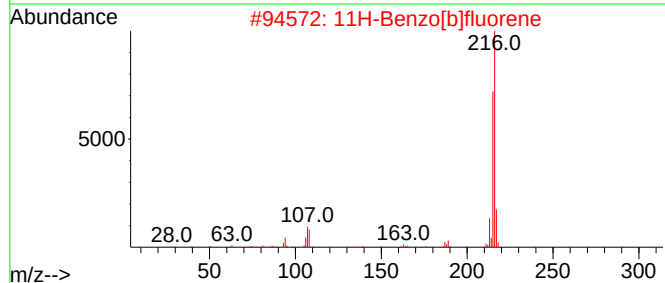
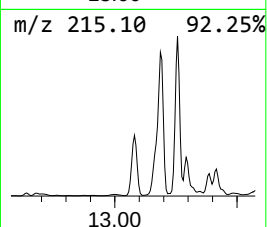
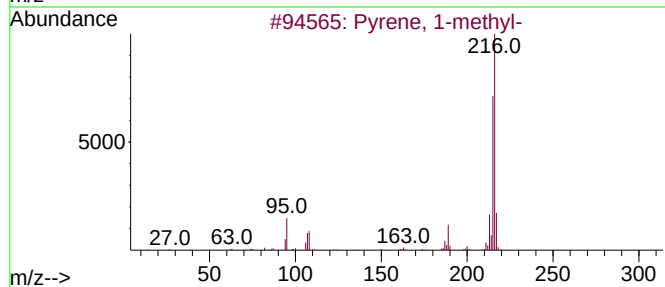
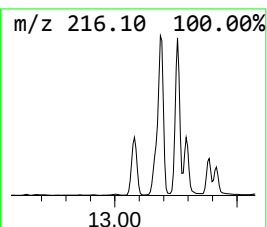
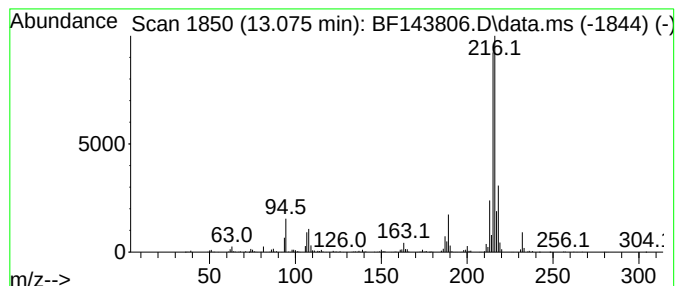
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	4.00 ng	1227630	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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Sample : Q3188-02
Misc :
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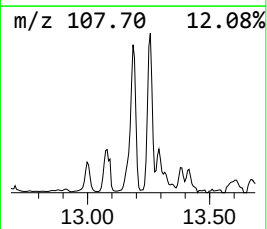
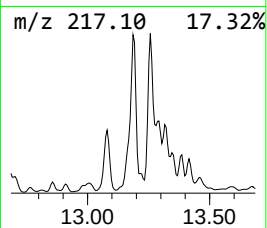
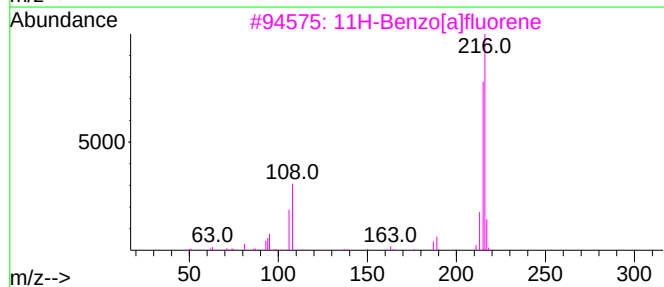
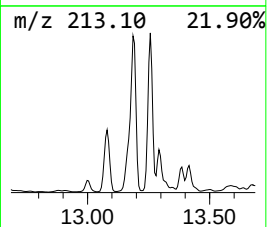
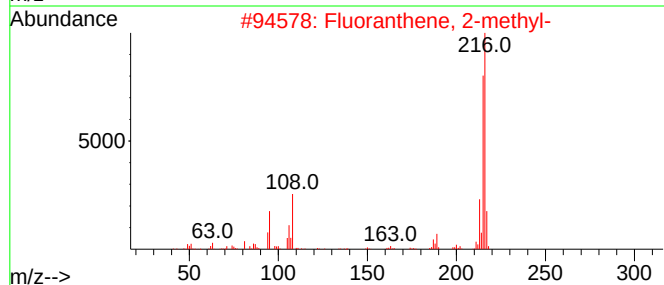
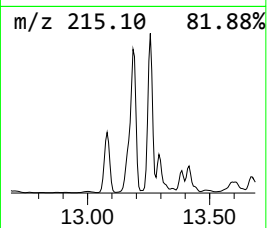
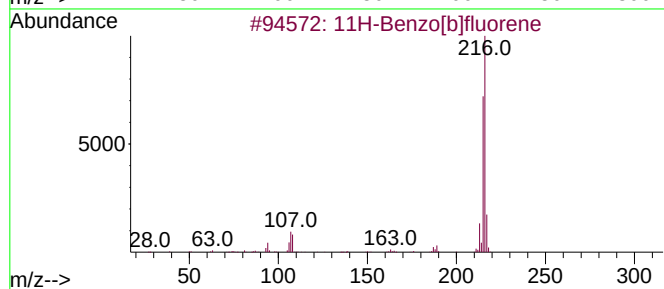
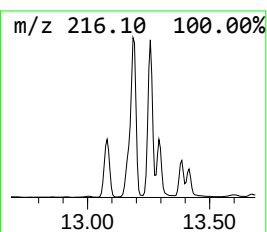
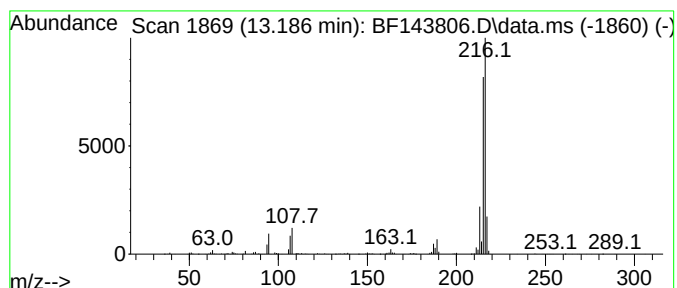
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.186	8.56 ng	2623860	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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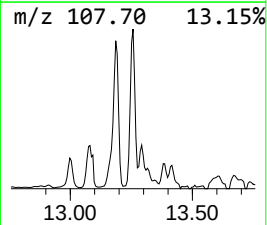
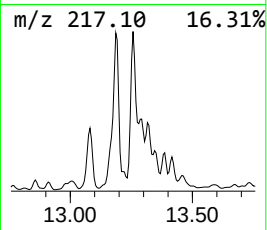
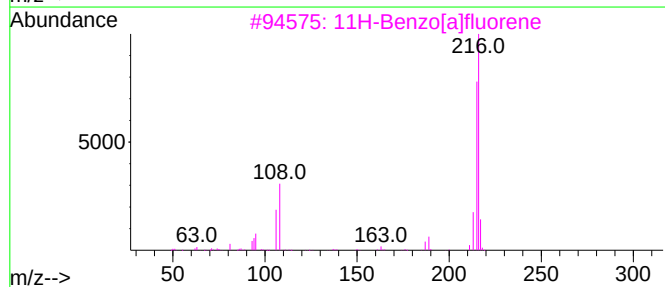
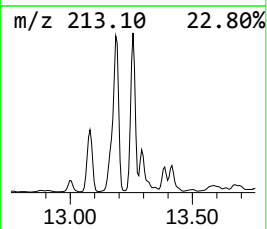
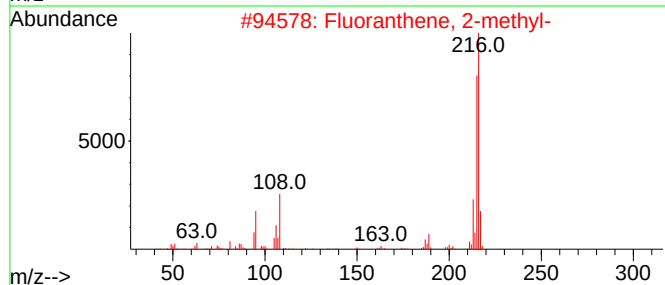
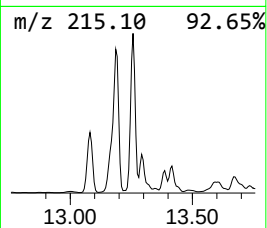
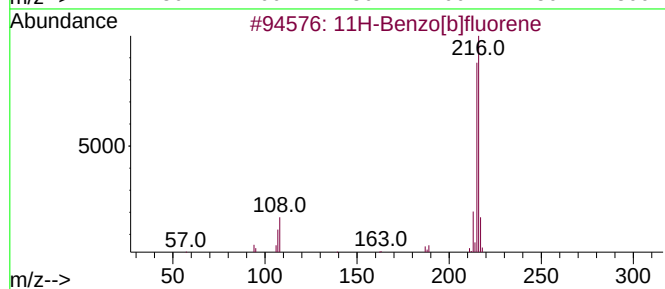
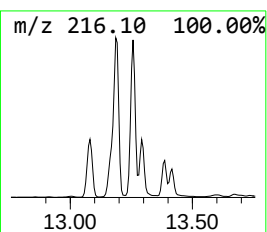
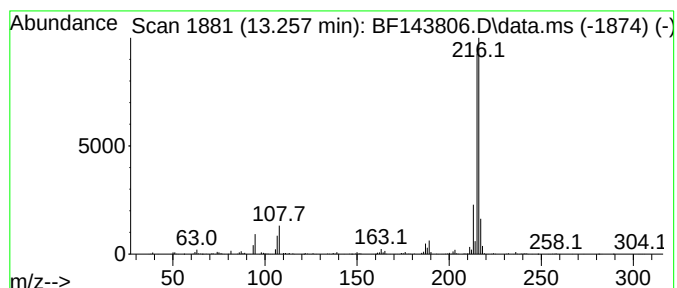
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	6.95 ng	2130260	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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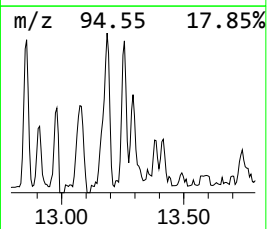
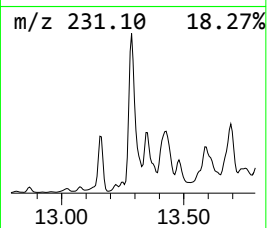
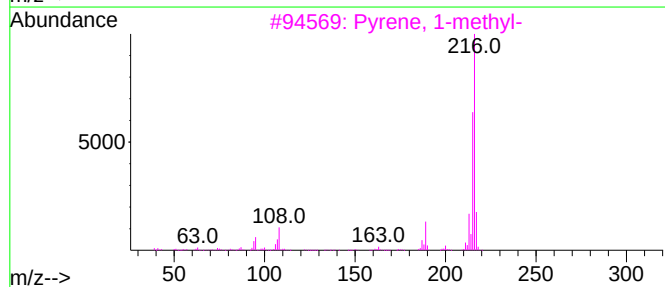
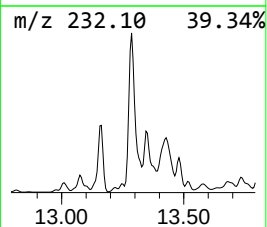
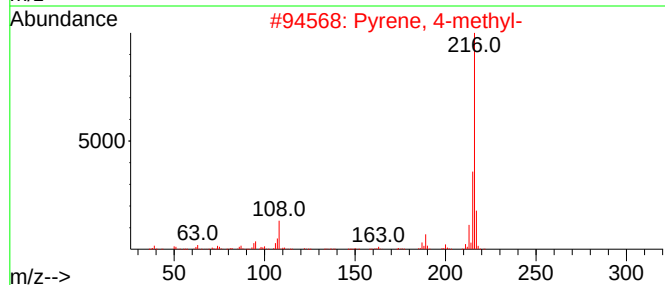
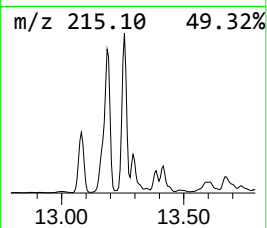
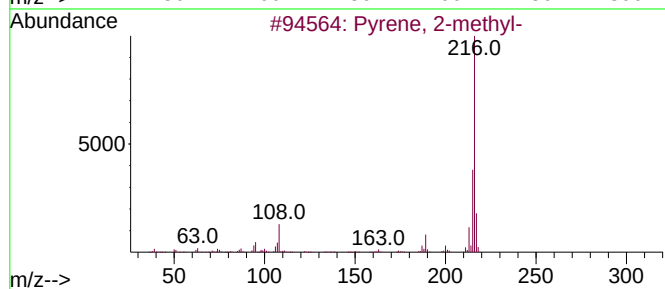
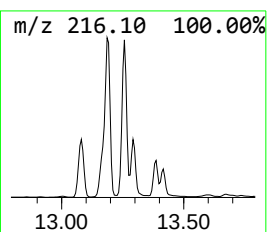
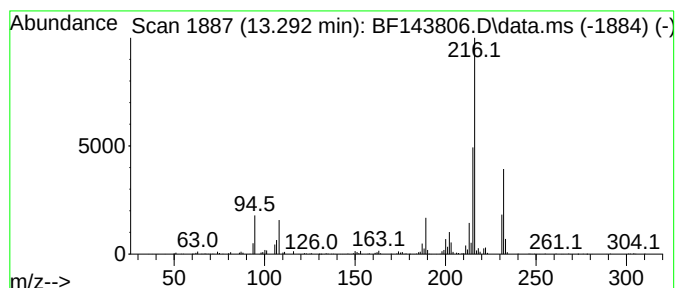
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	3.73 ng	1141970	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
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Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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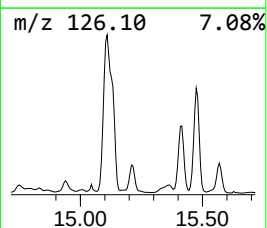
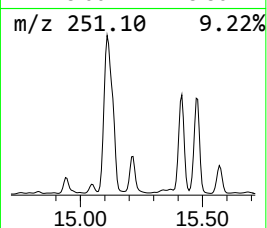
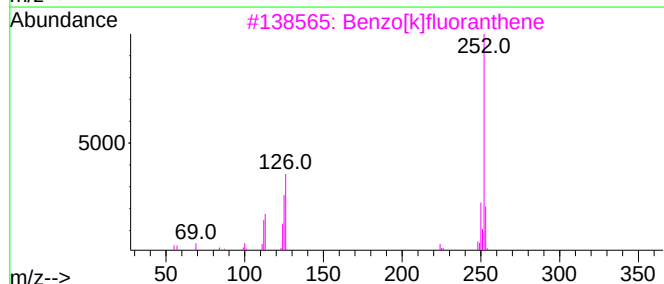
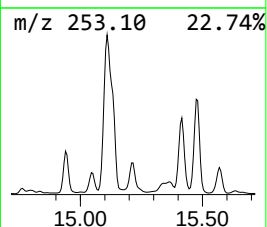
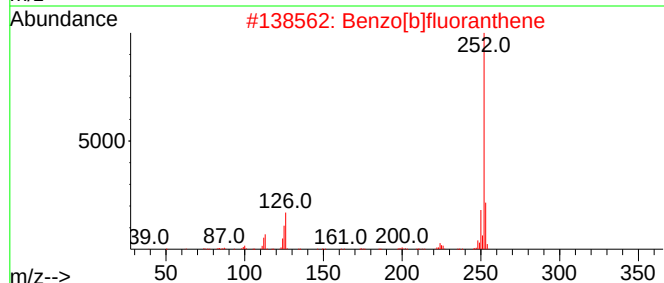
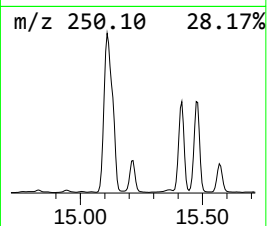
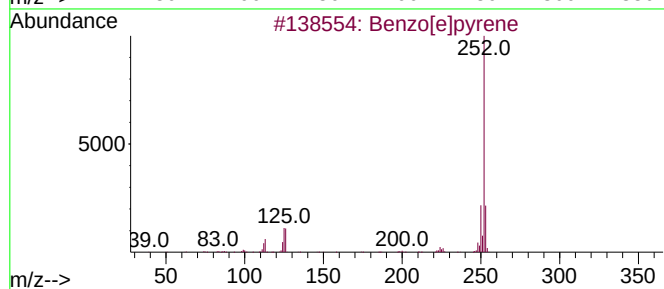
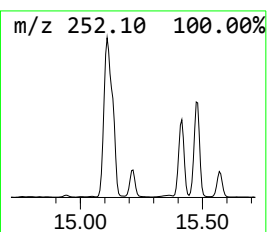
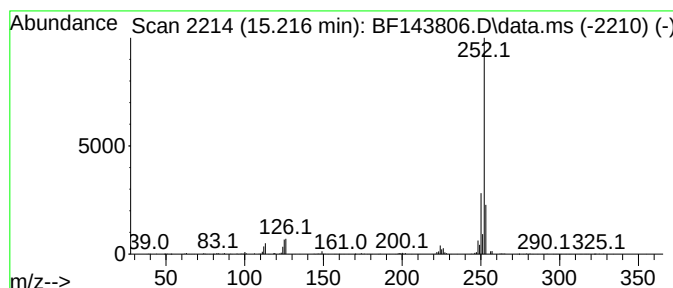
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	6.35 ng	432090	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
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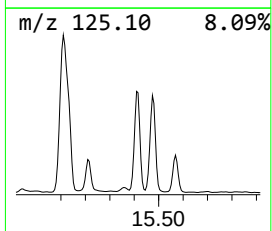
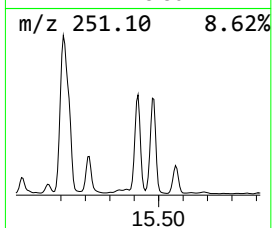
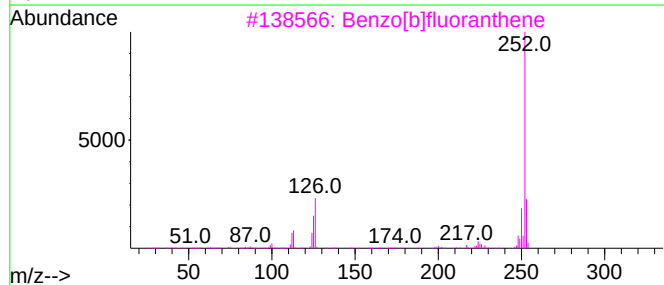
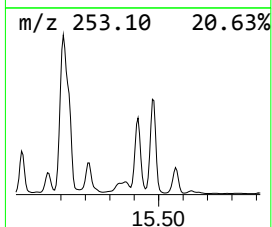
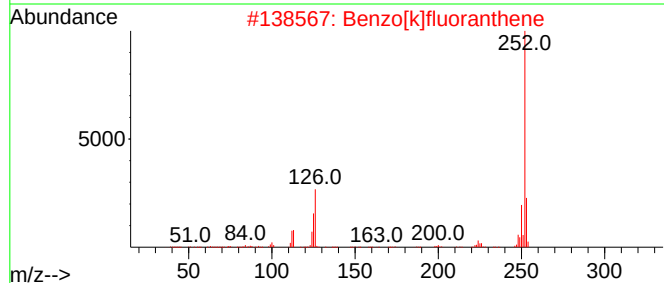
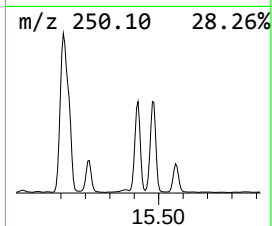
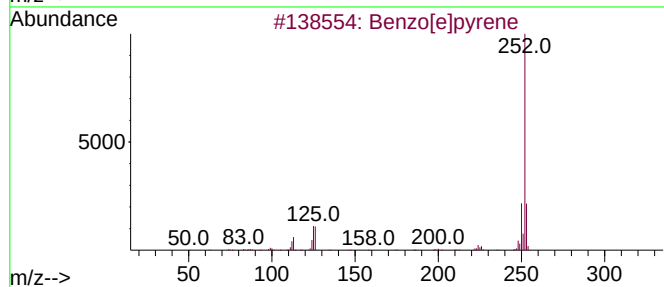
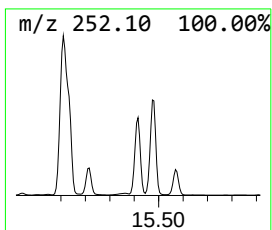
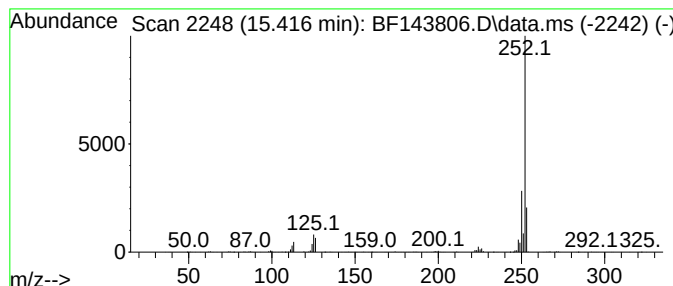
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	24.12 ng	1642140	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143806.D
Acq On : 25 Sep 2025 16:21
Operator : RC/JU
Sample : Q3188-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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
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Isoquinoline	8.663	3.8	ng	232763	2	8.163	1237930	20.0
Quinoline, 2-me...	8.928	4.9	ng	301540	2	8.163	1237930	20.0
Naphthalene, 1,...	9.504	6.1	ng	393637	3	9.922	1289180	20.0
Naphthalene, 2,...	9.581	8.8	ng	566602	3	9.922	1289180	20.0
Naphthalene, 2,...	9.604	4.2	ng	268811	3	9.922	1289180	20.0
Naphthalene, 1,...	9.698	6.8	ng	435757	3	9.922	1289180	20.0
Naphthalene, 2,...	10.328	4.2	ng	270711	3	9.922	1289180	20.0
Dibenzofuran, 4...	10.628	27.3	ng	1758970	3	9.922	1289180	20.0
4H-Cyclopenta[d...	12.033	6.1	ng	5159020	4	11.422	16906500	20.0
Pyrene, 1-methyl-	13.075	4.0	ng	1227630	5	14.063	6130540	20.0
11H-Benzo[b]flu...	13.186	8.6	ng	2623860	5	14.063	6130540	20.0
Fluoranthene, 2...	13.257	7.0	ng	2130260	5	14.063	6130540	20.0
Pyrene, 2-methyl-	13.292	3.7	ng	1141970	5	14.063	6130540	20.0
Benzo[e]pyrene	15.216	6.3	ng	432090	6	15.539	1361570	20.0
Perylene	15.416	24.1	ng	1642140	6	15.539	1361570	20.0