

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135616.D
 Acq On : 05 Oct 2023 23:56
 Operator : CG\JU
 Sample : 04622-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-4(0-5)

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.575	588	593	610	rBV2	295577	561322	5.19%	0.377%
2	6.569	757	762	767	rBV2	332493	665710	6.16%	0.447%
3	6.739	787	791	794	rBV	794726	749558	6.93%	0.504%
4	6.998	830	835	842	rBV	643612	848146	7.85%	0.570%
5	7.592	933	936	947	rVB	1254096	1263538	11.69%	0.849%
6	7.757	958	964	969	rBV3	346431	546090	5.05%	0.367%
7	8.051	1002	1014	1017	rBV2	6785445	10808513	100.00%	7.262%
8	8.092	1017	1021	1027	rVB	843635	746622	6.91%	0.502%
9	8.233	1043	1045	1048	rBV	609376	426314	3.94%	0.286%
10	8.292	1052	1055	1061	rVB	653397	618031	5.72%	0.415%
11	8.739	1125	1131	1134	rBV	4985296	5155113	47.69%	3.464%
12	8.833	1142	1147	1150	rVB	4096973	3994429	36.96%	2.684%
13	9.092	1186	1191	1194	rBV	504374	436277	4.04%	0.293%
14	9.192	1206	1208	1211	rVB	1603986	1364391	12.62%	0.917%
15	9.292	1222	1225	1230	rVB	647762	838056	7.75%	0.563%
16	9.363	1230	1237	1240	rBV	1921834	2612897	24.17%	1.756%
17	9.433	1245	1249	1252	rVV	2522702	2879711	26.64%	1.935%
18	9.463	1252	1254	1258	rVV	1840313	1549575	14.34%	1.041%
19	9.551	1266	1269	1274	rBV	1503682	1580184	14.62%	1.062%
20	9.633	1280	1283	1287	rVB	1983623	1688498	15.62%	1.135%
21	9.757	1300	1304	1305	rBV	1009894	844791	7.82%	0.568%
22	9.774	1305	1307	1309	rVV	1022758	809942	7.49%	0.544%
23	9.810	1309	1313	1316	rVV2	1994162	1987641	18.39%	1.336%
24	9.880	1322	1325	1329	rVB2	550344	667569	6.18%	0.449%
25	9.980	1338	1342	1345	rVV2	2756549	3049249	28.21%	2.049%
26	10.016	1345	1348	1352	rVV	736015	730825	6.76%	0.491%
27	10.092	1357	1361	1363	rBV2	805154	760681	7.04%	0.511%
28	10.122	1363	1366	1369	rVV2	533963	413439	3.83%	0.278%
29	10.180	1372	1376	1378	rBV	442288	612177	5.66%	0.411%
30	10.204	1378	1380	1383	rVB2	661085	517143	4.78%	0.347%
31	10.274	1387	1392	1394	rBV4	440253	535695	4.96%	0.360%
32	10.333	1397	1402	1406	rVB	4055646	4341363	40.17%	2.917%
33	10.392	1406	1412	1413	rBV3	285519	420595	3.89%	0.283%
34	10.433	1417	1419	1424	rVV3	366103	400127	3.70%	0.269%
35	10.480	1424	1427	1430	rVB	981773	915881	8.47%	0.615%
36	10.563	1436	1441	1445	rBV2	972779	1316705	12.18%	0.885%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.686	1458	1462	1468	rVB2	722707	1100659	10.18%	0.740%
38	10.874	1489	1494	1497	rBV2	1040487	1191194	11.02%	0.800%
39	10.904	1497	1499	1502	rVB	629149	488065	4.52%	0.328%
40	10.957	1505	1508	1511	rVB	502269	390179	3.61%	0.262%

41	11.080	1526	1529	1532	rVV	529237	489001	4.52%	0.329%
42	11.133	1532	1538	1540	rVV2	594863	812098	7.51%	0.546%
43	11.163	1540	1543	1551	rVB	1921256	1902115	17.60%	1.278%
44	11.316	1562	1569	1571	rVB	5858515	8740116	80.86%	5.873%
45	11.357	1571	1576	1578	rBV	3456089	3010548	27.85%	2.023%

46	11.510	1597	1602	1606	rBV2	1299653	1392639	12.88%	0.936%
47	11.563	1608	1611	1614	rBV	855429	685954	6.35%	0.461%
48	11.604	1615	1618	1623	rVB2	929188	943955	8.73%	0.634%
49	11.686	1628	1632	1635	rVB	604427	705409	6.53%	0.474%
50	11.780	1644	1648	1650	rBV	1808074	1858923	17.20%	1.249%

51	11.810	1650	1653	1656	rVB	2137722	1828943	16.92%	1.229%
52	11.857	1658	1661	1664	rBV	757140	702005	6.49%	0.472%
53	11.892	1664	1667	1669	rVV	2786480	2934492	27.15%	1.972%
54	11.916	1669	1671	1674	rVB	1376115	1034260	9.57%	0.695%
55	11.974	1679	1681	1685	rVV2	462536	529494	4.90%	0.356%

56	12.074	1695	1698	1701	rVV	1219901	1337151	12.37%	0.898%
57	12.110	1702	1704	1709	rVB3	585683	601398	5.56%	0.404%
58	12.257	1726	1729	1732	rVB	484105	391728	3.62%	0.263%
59	12.333	1738	1742	1745	rBV	1028447	1255375	11.61%	0.843%
60	12.374	1745	1749	1754	rVB5	812331	1424308	13.18%	0.957%

61	12.433	1754	1759	1762	rBV2	629707	797198	7.38%	0.536%
62	12.516	1766	1773	1775	rBV	4890404	6955534	64.35%	4.673%
63	12.592	1784	1786	1791	rVB	605971	642634	5.95%	0.432%
64	12.651	1792	1796	1799	rBV2	728183	755775	6.99%	0.508%
65	12.745	1804	1812	1815	rBV2	4729351	7688295	71.13%	5.166%

66	12.774	1815	1817	1822	rVB2	536880	632817	5.85%	0.425%
67	12.845	1826	1829	1831	rBV	580699	589300	5.45%	0.396%
68	12.892	1834	1837	1841	rVB2	447475	520357	4.81%	0.350%
69	12.945	1841	1846	1851	rBV2	805552	1449210	13.41%	0.974%
70	13.033	1858	1861	1862	rBV2	689242	751456	6.95%	0.505%

71	13.057	1863	1865	1868	rVB	1603230	1618179	14.97%	1.087%
72	13.127	1874	1877	1879	rVB	1438845	1264526	11.70%	0.850%
73	13.163	1879	1883	1887	rVB2	1168495	1142243	10.57%	0.767%
74	13.257	1895	1899	1901	rBV	746104	699426	6.47%	0.470%
75	13.286	1901	1904	1907	rBV	860653	781303	7.23%	0.525%

76	13.545	1945	1948	1951	rBV3	251769	355369	3.29%	0.239%
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77	13.574	1951	1953	1956	rVB	540524	474735	4.39%	0.319%
78	13.680	1967	1971	1973	rBV	1000582	1076820	9.96%	0.724%
79	13.704	1973	1975	1978	rVB	829758	653993	6.05%	0.439%
80	13.733	1978	1980	1982	rBV	637043	559383	5.18%	0.376%
81	13.786	1987	1989	1995	rVB2	459537	552007	5.11%	0.371%
82	13.851	1998	2000	2007	rVB	379043	508661	4.71%	0.342%
83	13.933	2008	2014	2017	rBV3	3476641	5521911	51.09%	3.710%
84	13.968	2017	2020	2023	rVV	3038966	3324596	30.76%	2.234%
85	14.092	2038	2041	2046	rVV3	637402	718476	6.65%	0.483%
86	14.327	2078	2081	2084	rVV	1049595	1069754	9.90%	0.719%
87	14.357	2084	2086	2089	rVV	587623	519288	4.80%	0.349%
88	14.398	2091	2093	2095	rVV2	371702	426789	3.95%	0.287%
89	14.421	2095	2097	2100	rVV	465721	493444	4.57%	0.332%
90	14.451	2100	2102	2104	rVV	653600	617277	5.71%	0.415%
91	14.474	2104	2106	2109	rVV	535288	487945	4.51%	0.328%
92	14.986	2188	2193	2196	rBV	1707635	3082317	28.52%	2.071%
93	15.086	2207	2210	2215	rVB	594883	703864	6.51%	0.473%
94	15.286	2239	2244	2249	rVB	1196780	1552423	14.36%	1.043%
95	15.351	2250	2255	2261	rVV	1771917	2364125	21.87%	1.588%
96	15.404	2261	2264	2267	rVV	398421	499129	4.62%	0.335%
97	15.439	2267	2270	2276	rVB2	504939	711636	6.58%	0.478%
98	16.898	2511	2518	2524	rBV	682350	1348566	12.48%	0.906%
99	17.068	2542	2547	2552	rBV	193403	380133	3.52%	0.255%
100	17.345	2588	2594	2607	rVB	481209	1132955	10.48%	0.761%

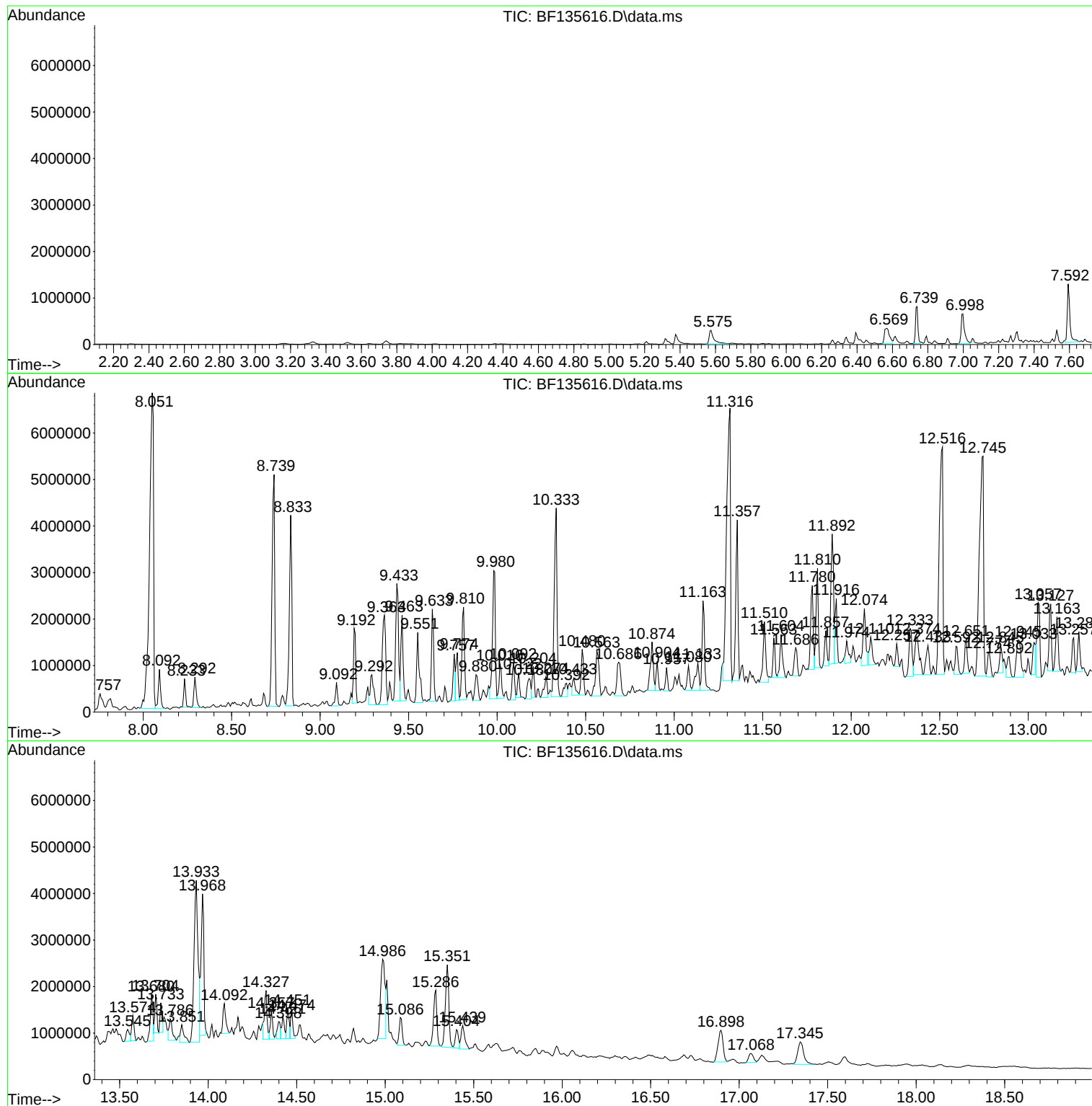
Sum of corrected areas: 148830656

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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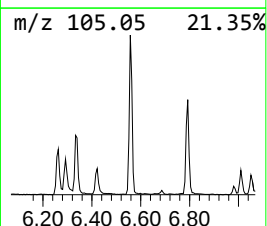
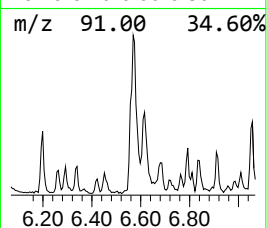
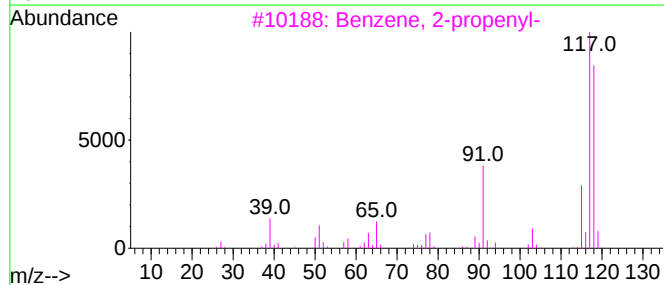
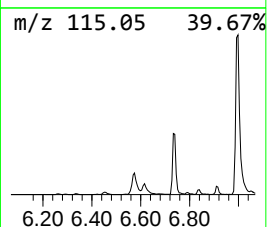
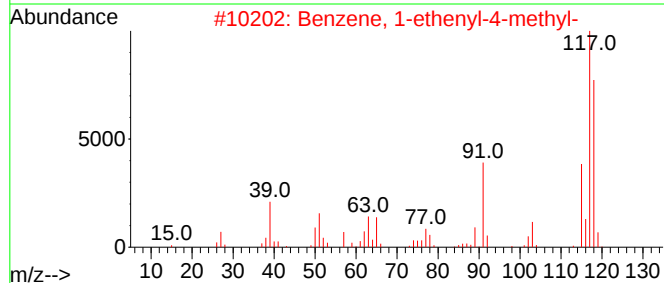
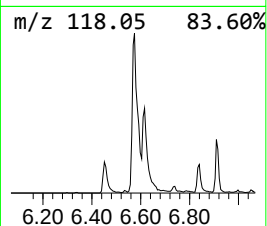
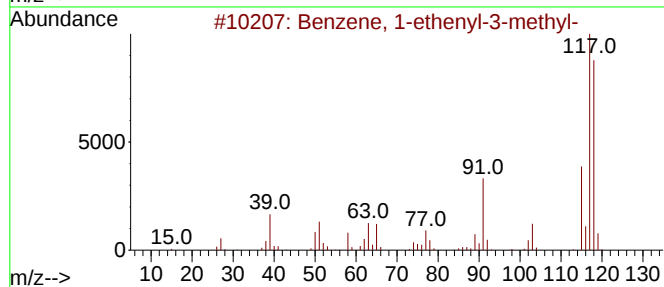
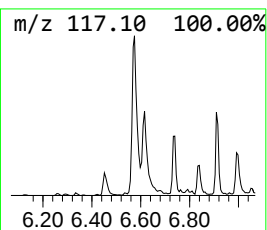
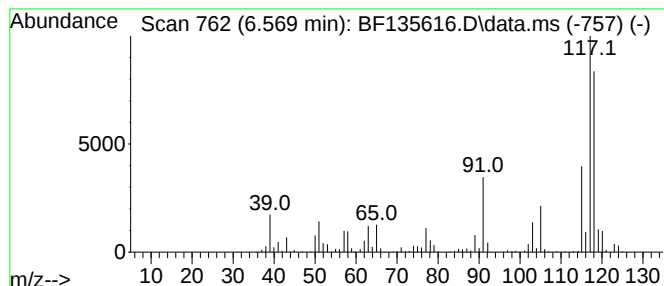
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	17.76 ng	665710	1,4-Dichlorobenzene-d4	6.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	93



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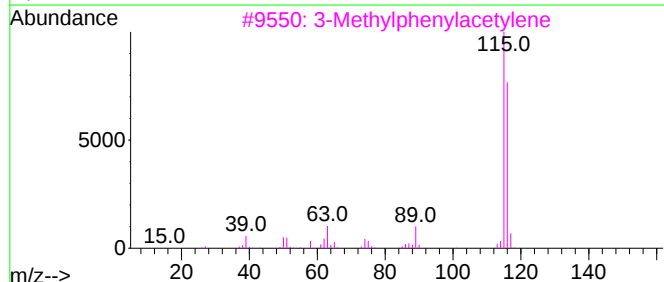
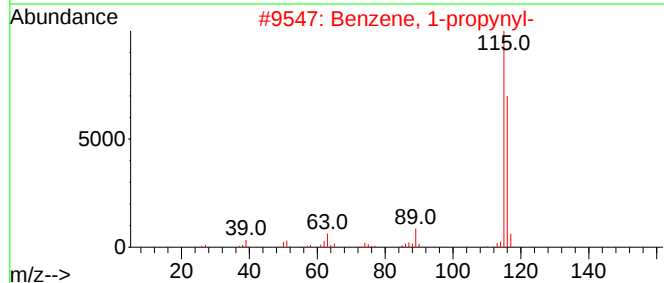
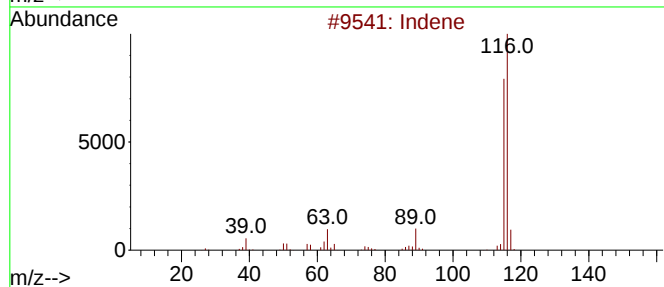
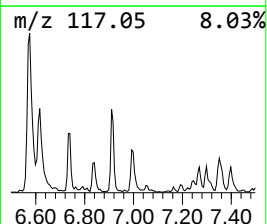
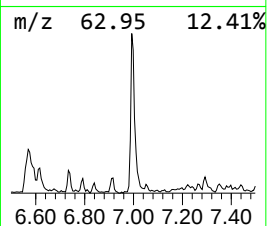
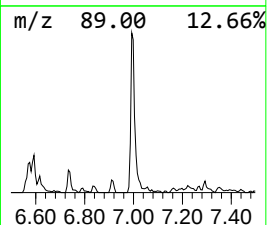
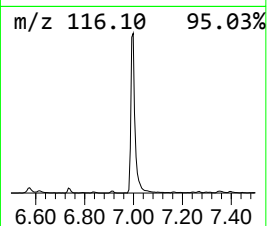
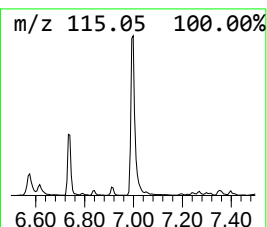
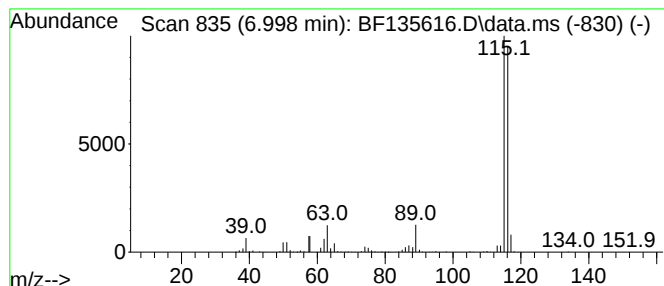
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	22.63 ng	848146	1,4-Dichlorobenzene-d4	6.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



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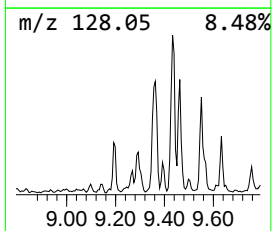
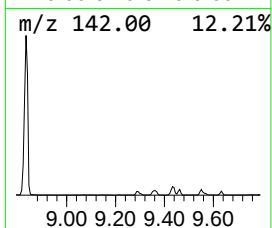
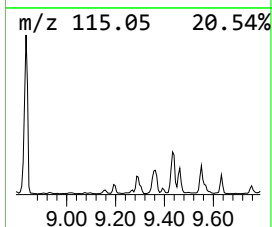
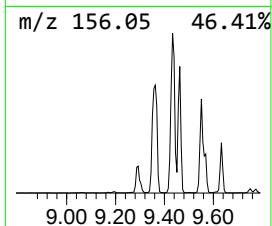
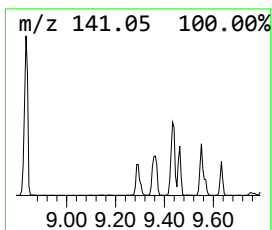
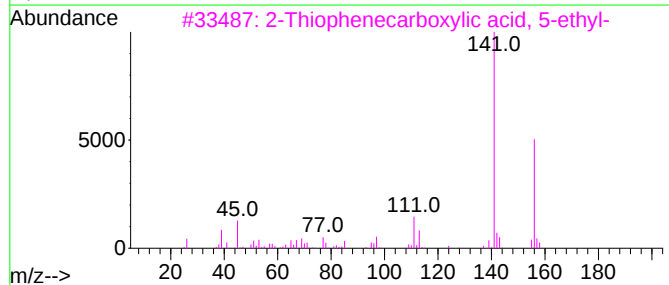
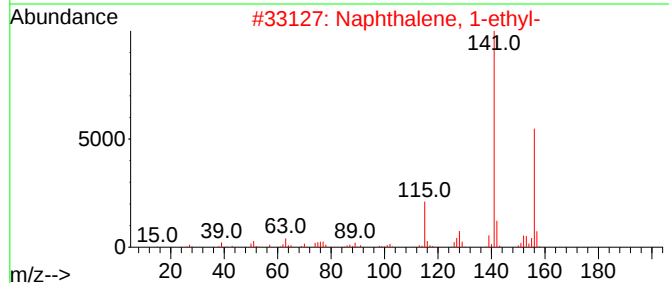
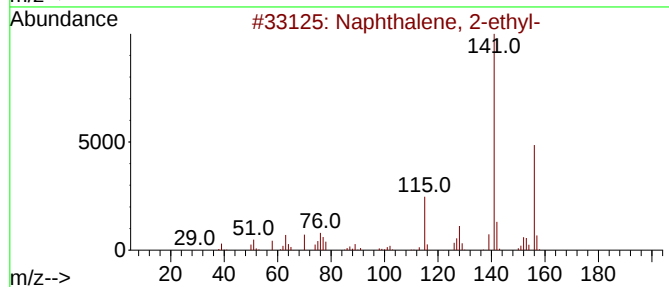
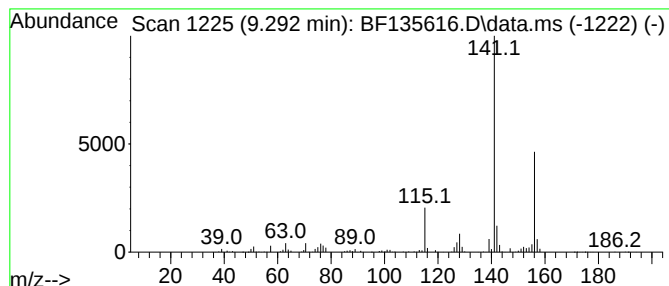
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	20.69 ng	838056	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

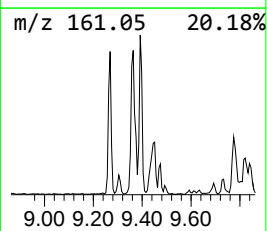
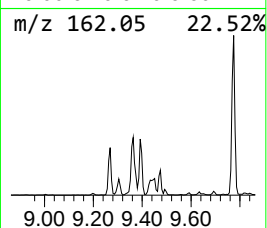
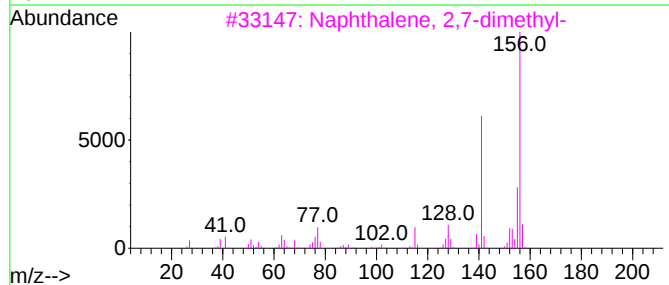
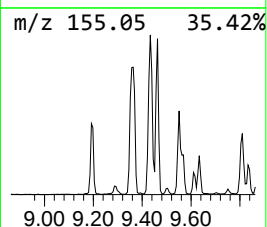
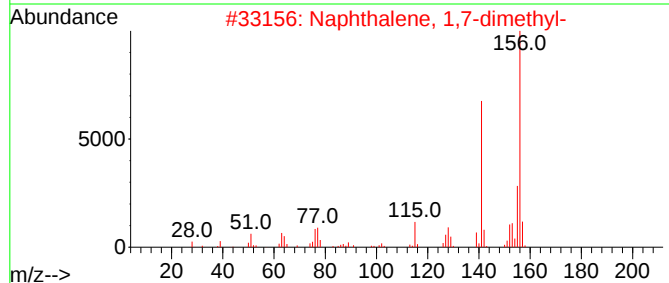
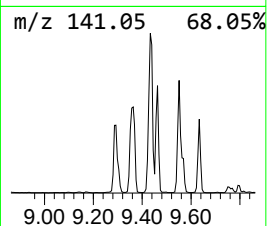
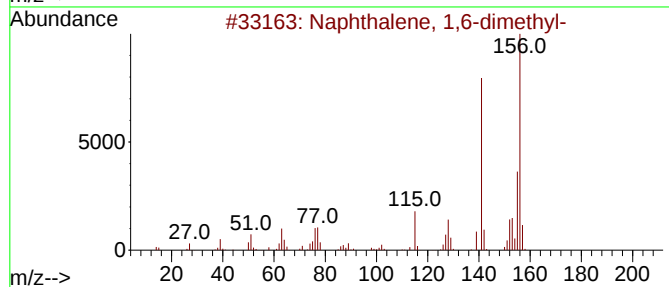
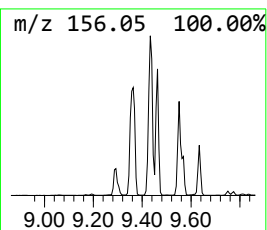
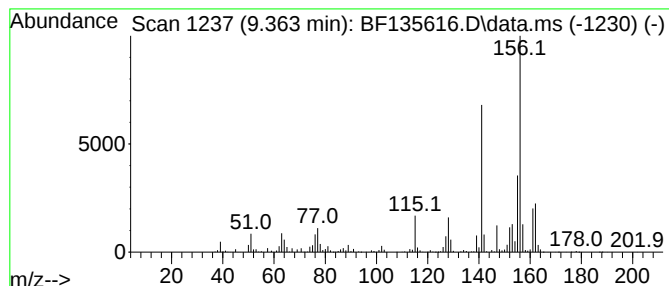
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	64.52 ng	2612900	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

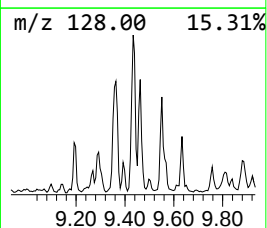
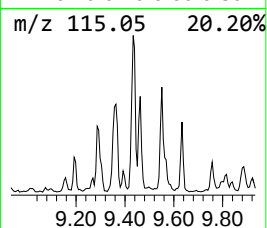
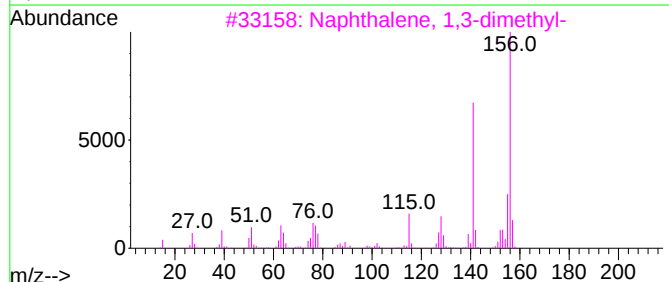
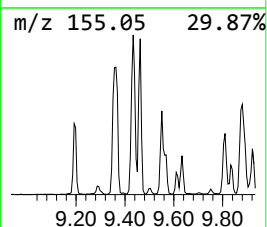
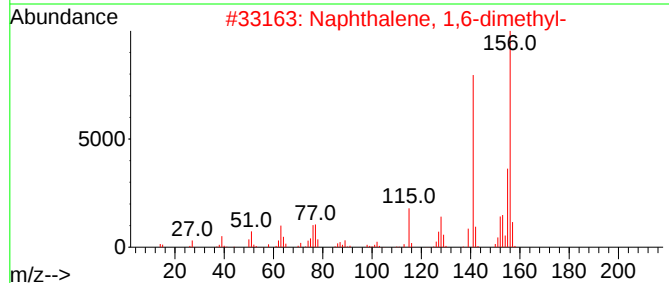
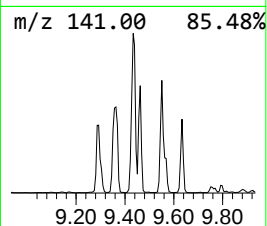
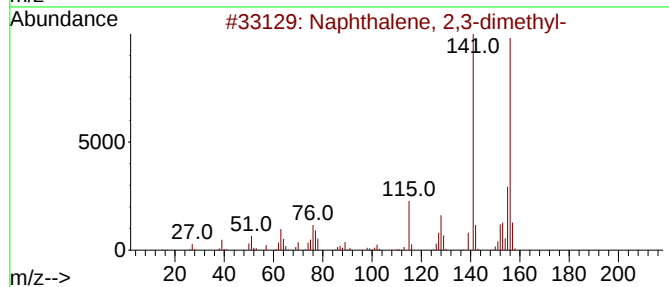
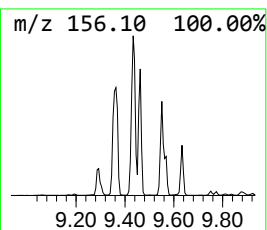
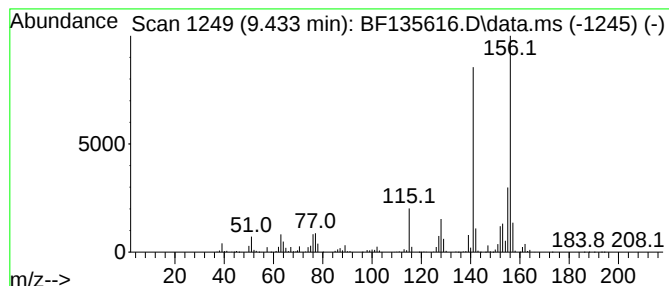
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	71.11 ng	2879710	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
I-4(0-5)

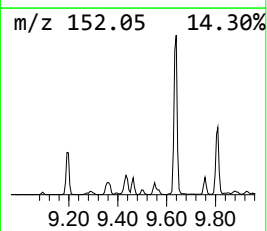
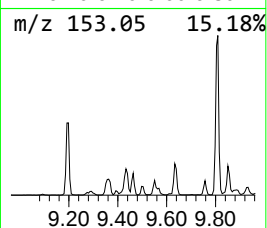
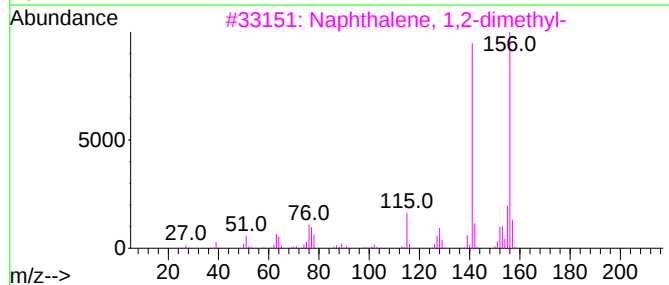
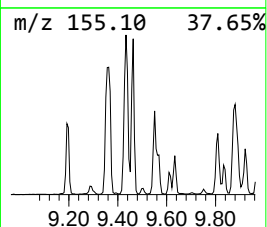
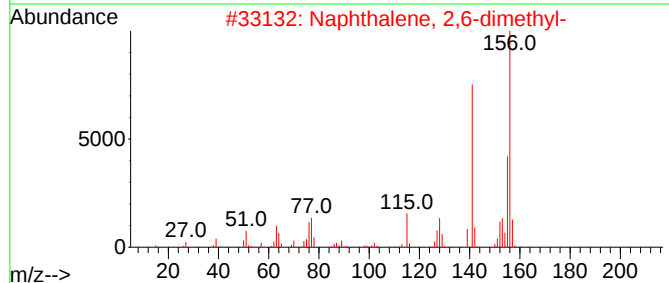
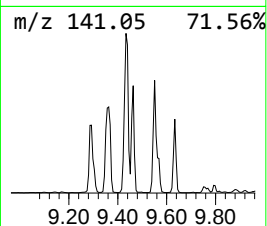
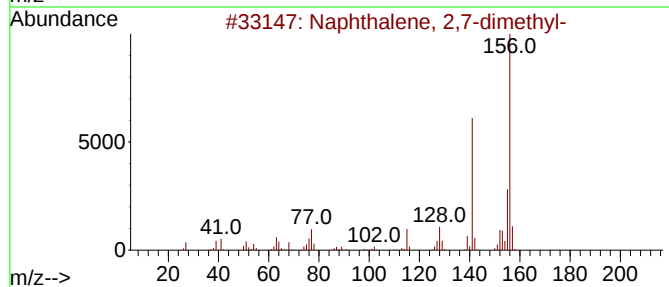
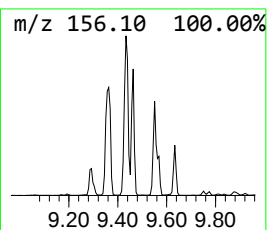
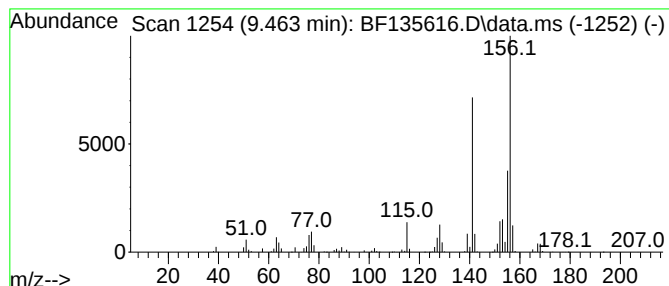
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	38.26 ng	1549580	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
I-4(0-5)

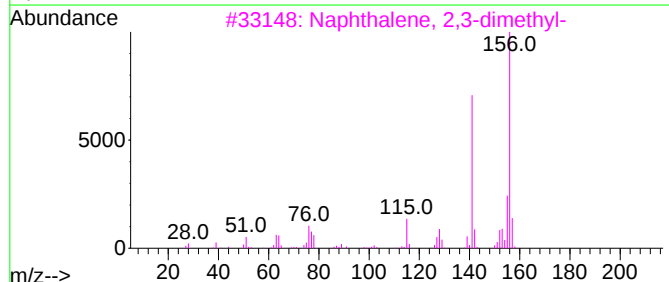
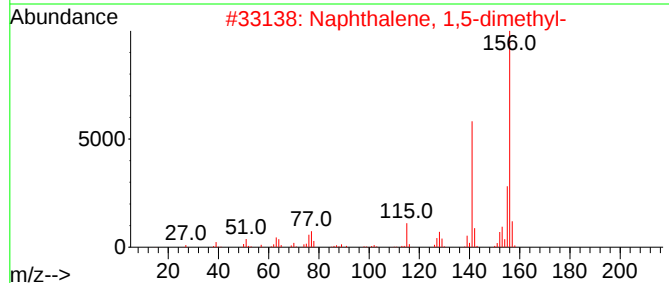
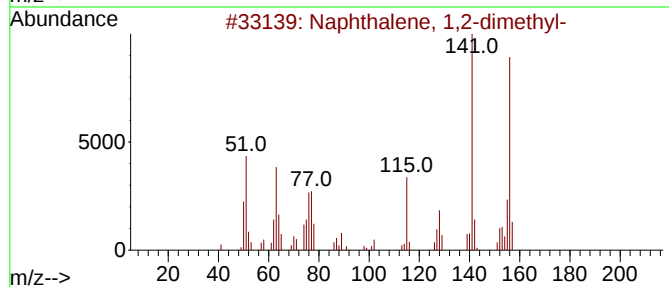
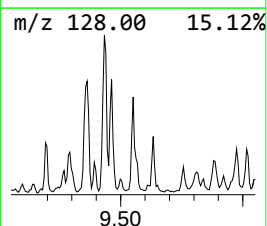
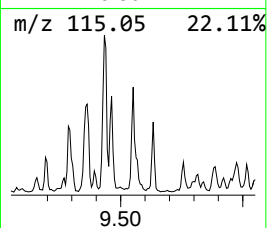
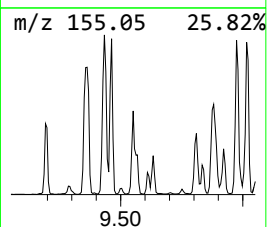
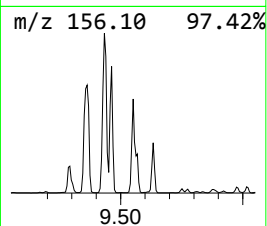
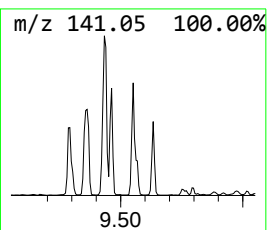
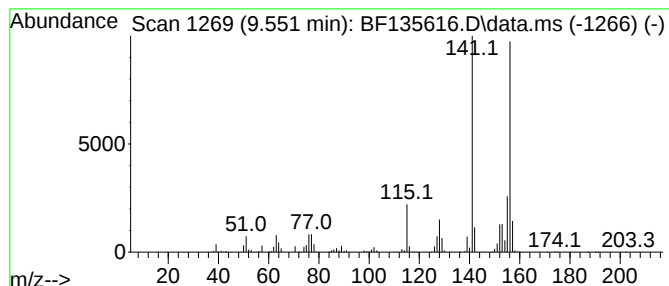
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	39.02 ng	1580180	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
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Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
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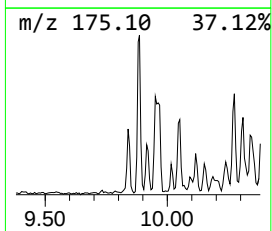
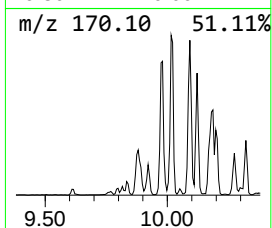
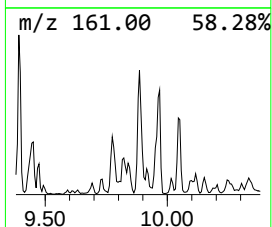
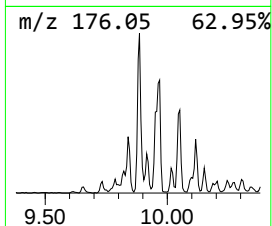
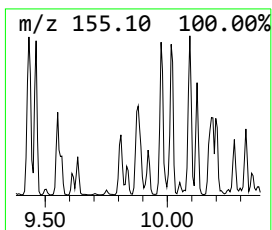
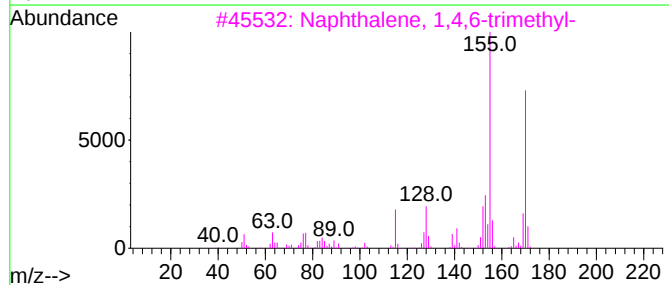
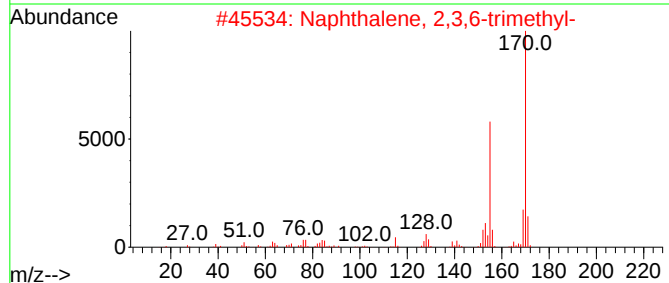
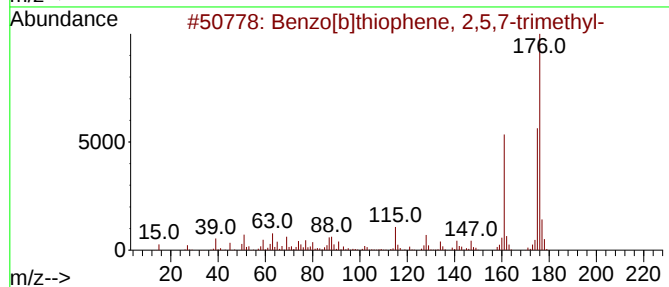
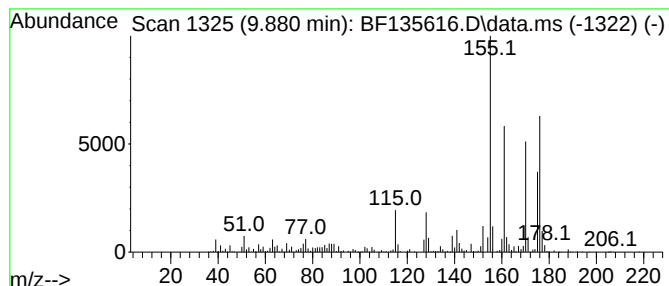
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[b]thiophene, 2,5,7-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.880	16.48 ng	667569	Acenaphthene-d10			9.774
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5,7-trimethyl-		176	C11H12S	016587-65-8	51
2	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	50
3	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	46
4	Naphthalene, 2-(1-methylethyl)-		170	C13H14	002027-17-0	46
5	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
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Instrument :
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ClientSampleId :
I-4(0-5)

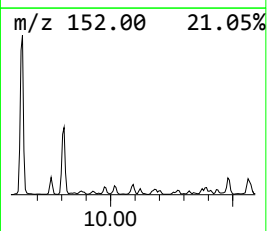
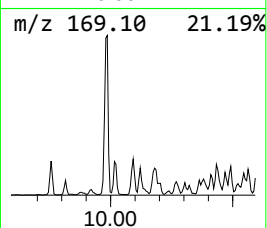
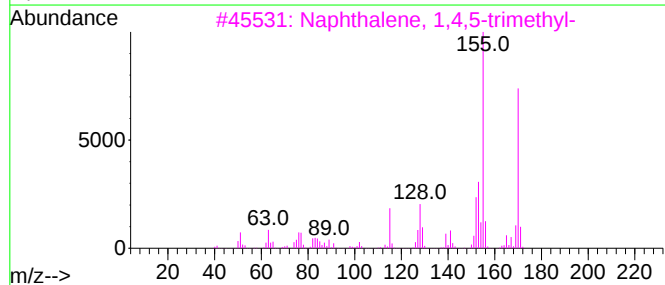
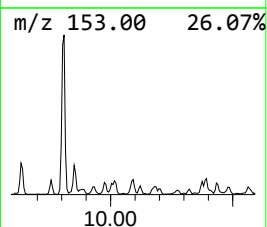
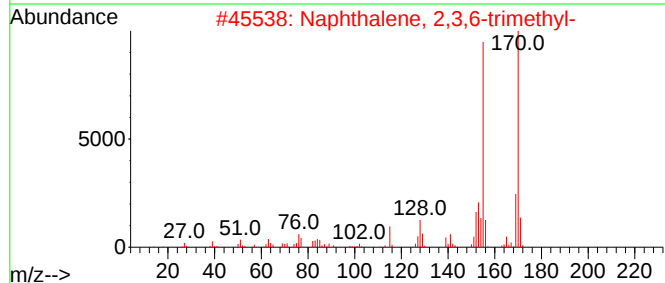
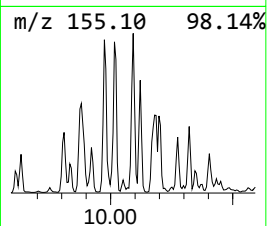
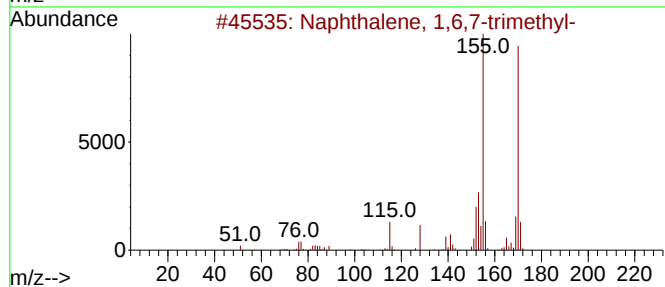
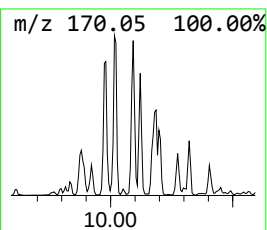
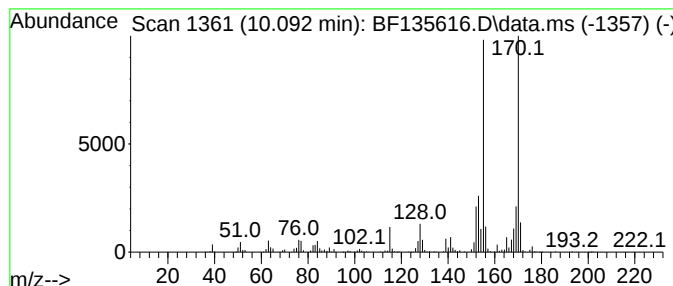
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	18.78 ng	760681	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
I-4(0-5)

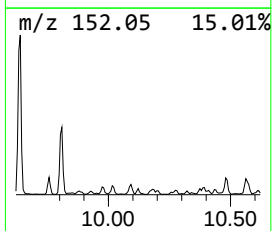
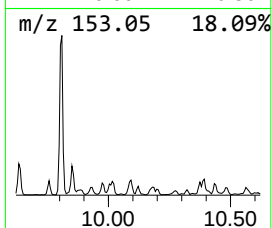
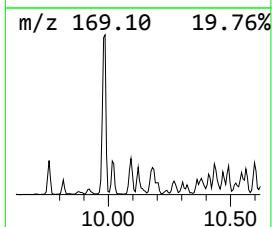
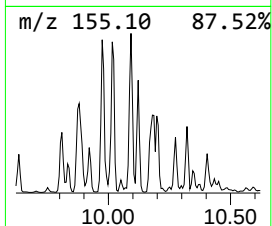
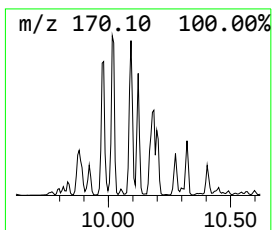
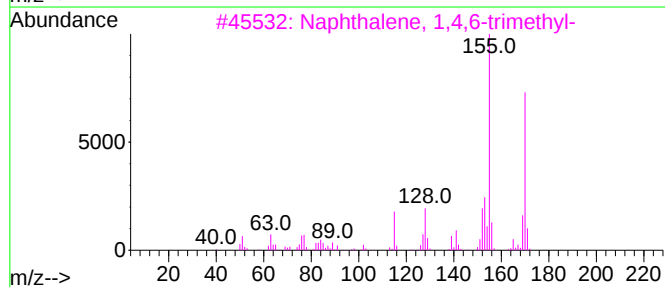
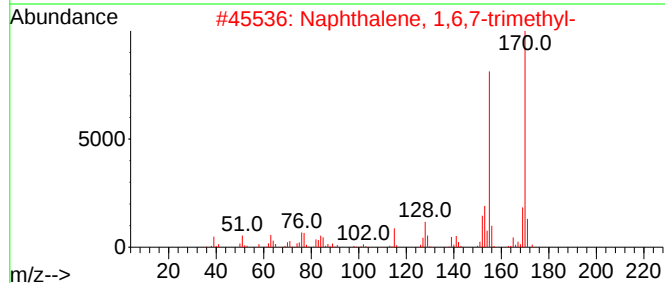
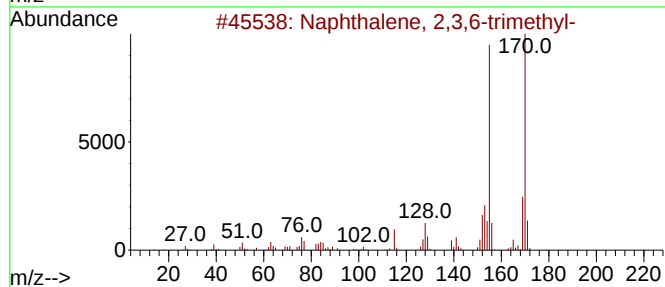
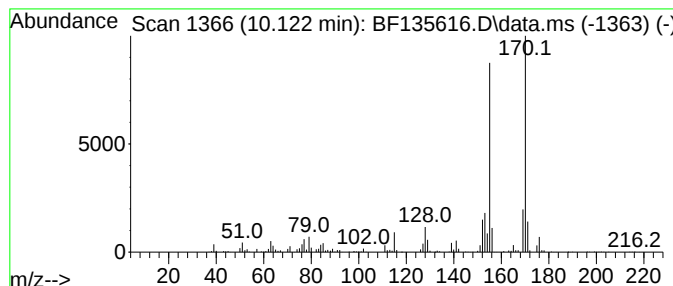
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.121	10.21 ng	413439	Acenaphthene-d10	9.774

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

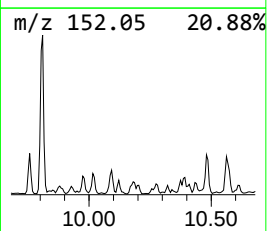
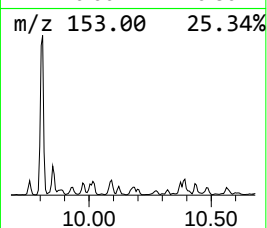
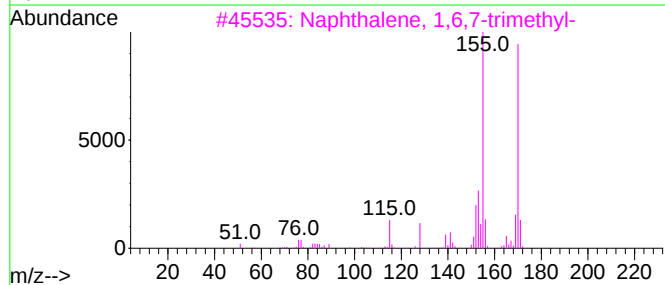
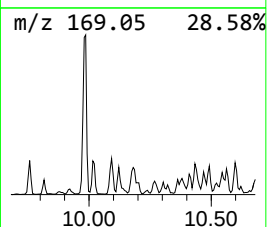
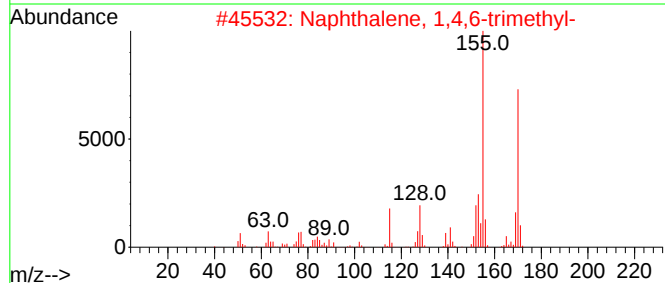
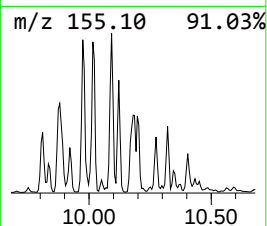
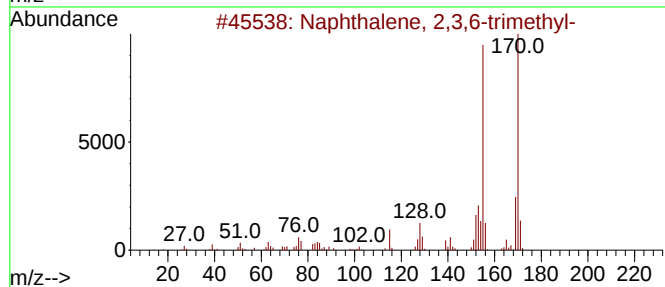
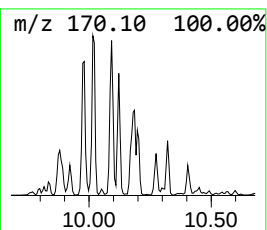
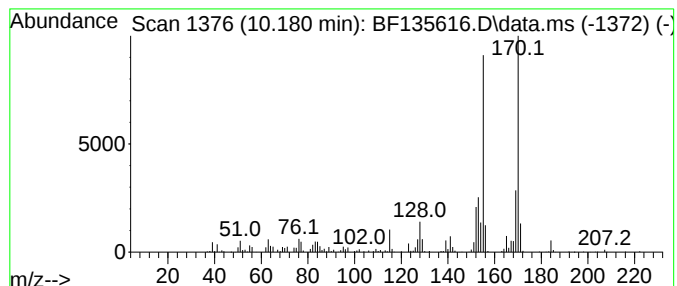
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ClientSampleId :
I-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.180	15.12 ng	612177	Acenaphthene-d10	9.774	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

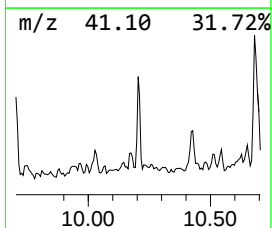
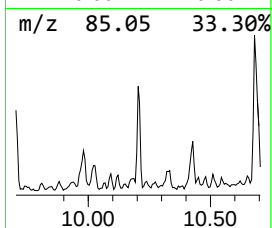
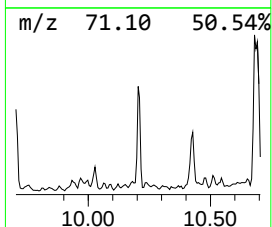
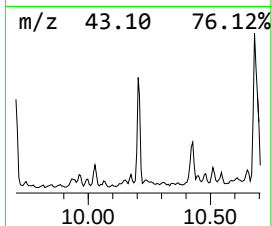
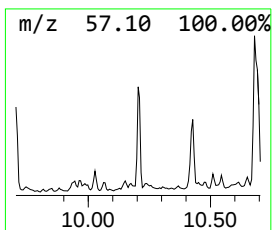
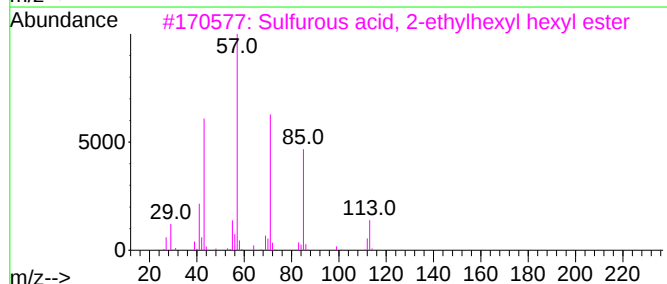
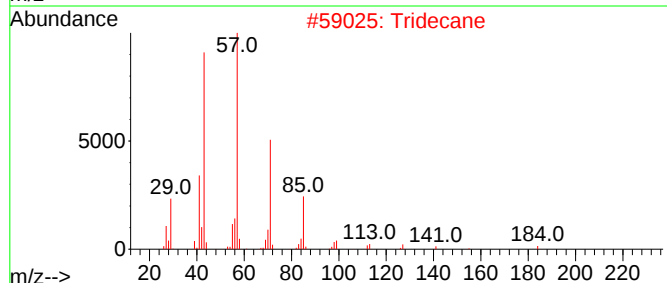
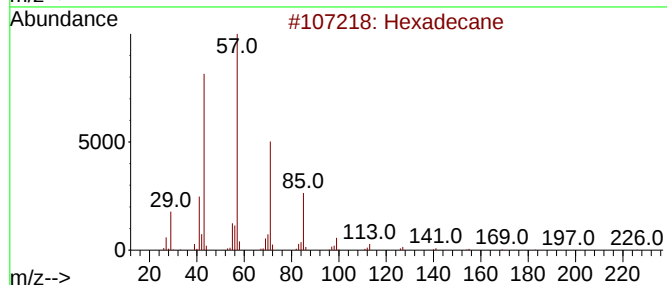
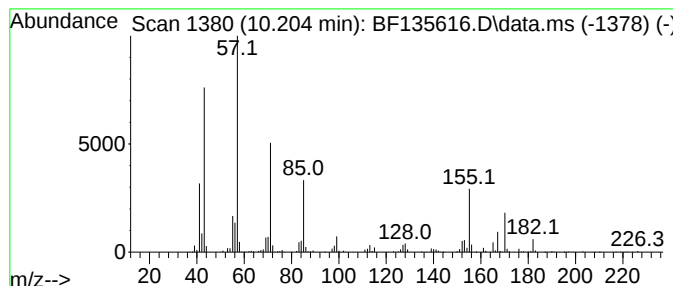
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	12.77 ng	517143	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	46
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
5			Heptadecane	240	C17H36	000629-78-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

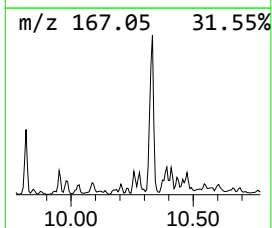
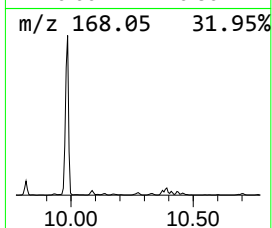
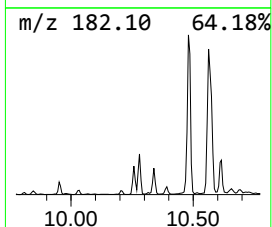
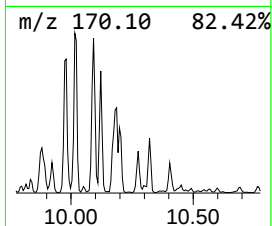
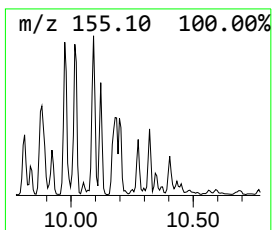
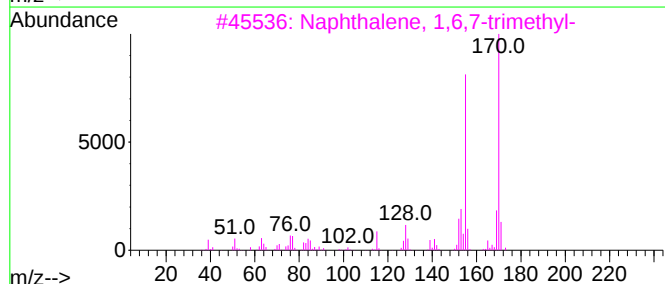
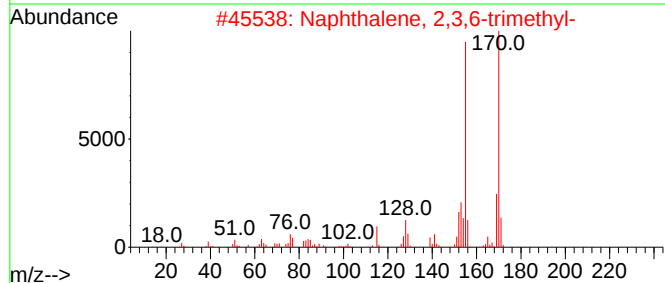
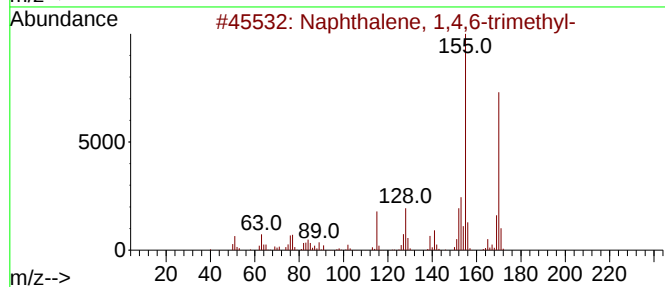
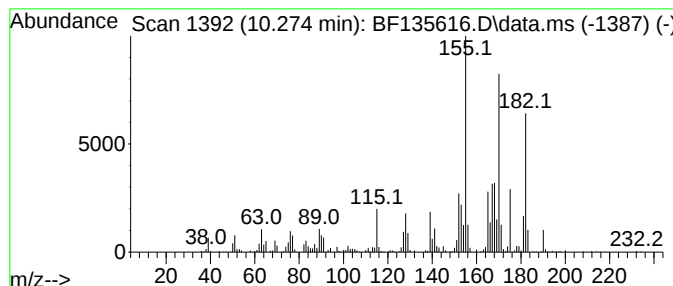
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	13.23 ng	535695	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

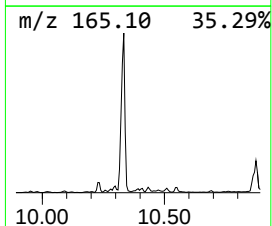
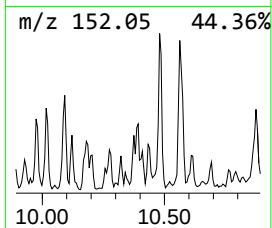
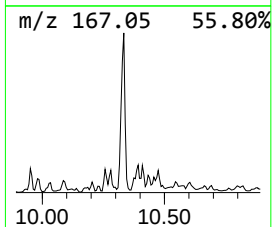
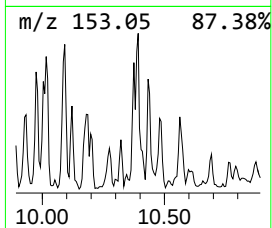
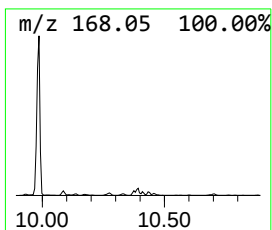
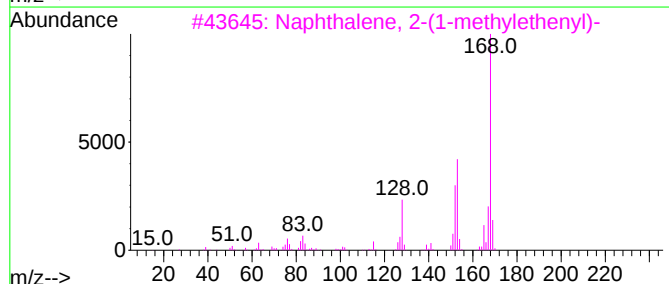
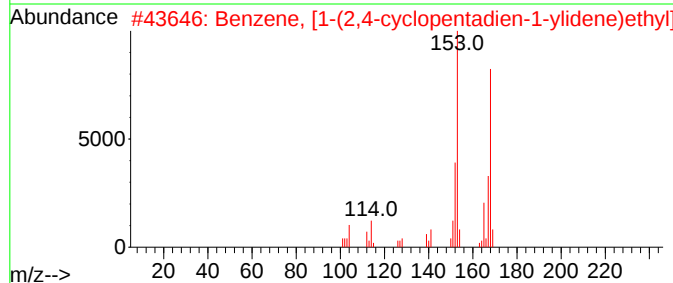
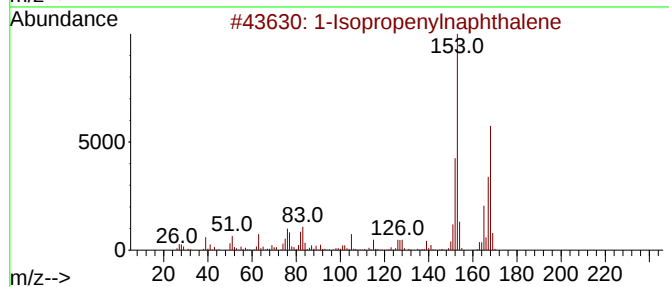
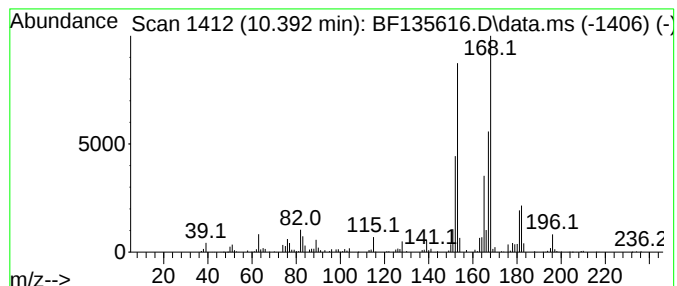
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	10.39 ng	420595	Acenaphthene-d10	9.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
I-4(0-5)

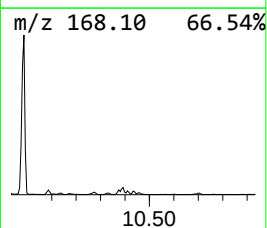
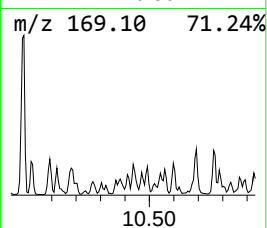
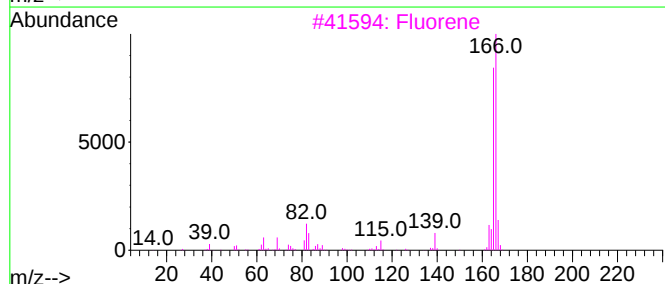
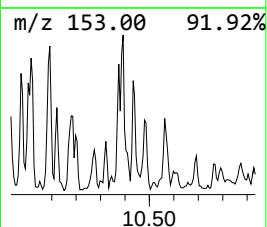
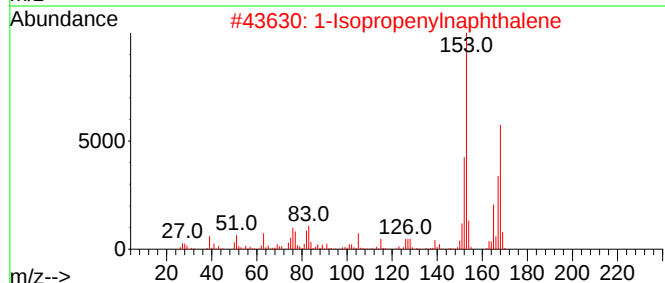
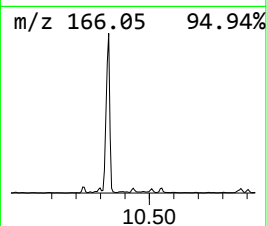
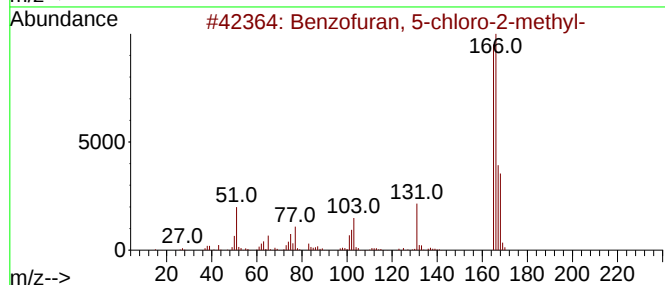
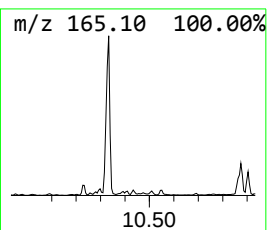
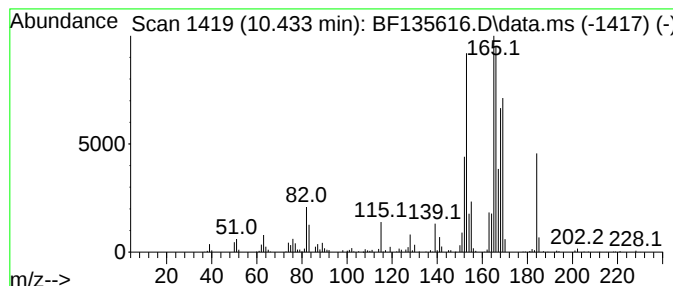
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.433 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	9.88 ng	400127	Acenaphthene-d10	9.774

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	38
2		1-Isopropenyl-naphthalene	168	C13H12	001855-47-6	38
3		Fluorene	166	C13H10	000086-73-7	25
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	22
5		Fluorene-9-methanol	196	C14H12O	024324-17-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

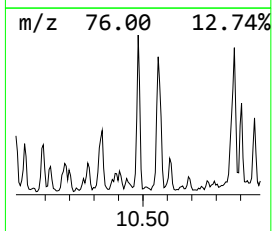
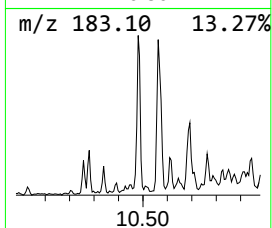
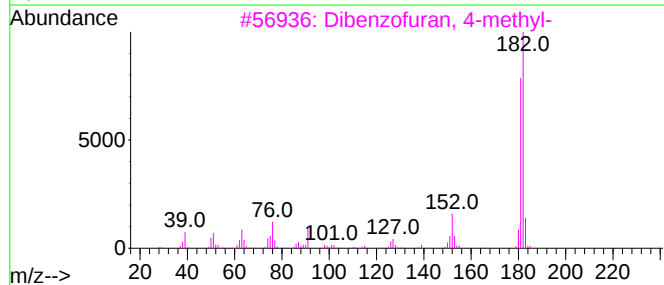
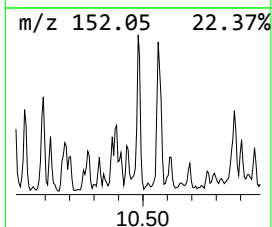
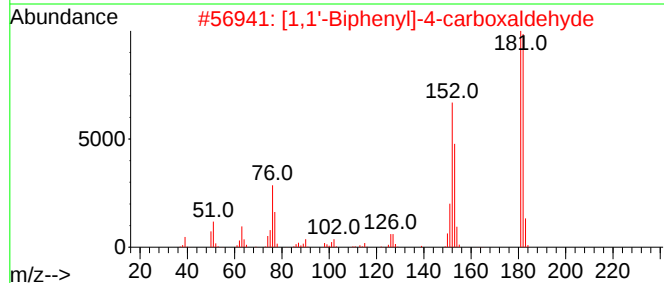
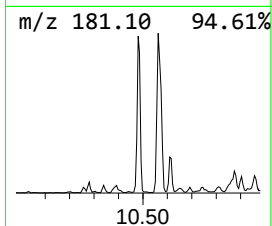
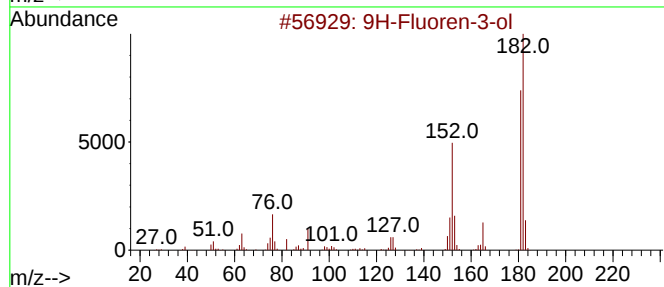
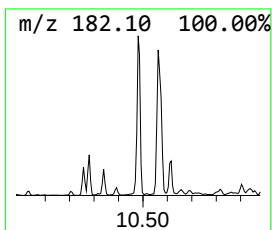
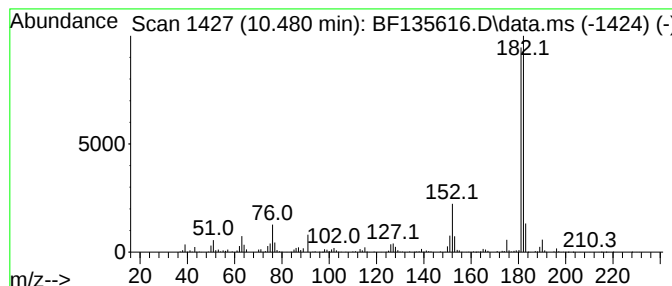
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluoren-3-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.480	22.62 ng	915881	Acenaphthene-d10		9.774	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol		182	C13H10O	006344-67-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	87
3	Dibenzofuran, 4-methyl-		182	C13H10O	007320-53-8	86
4	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

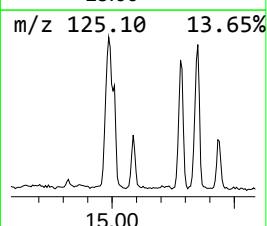
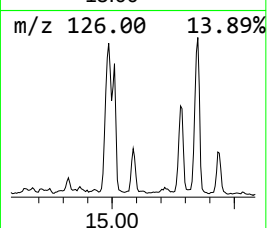
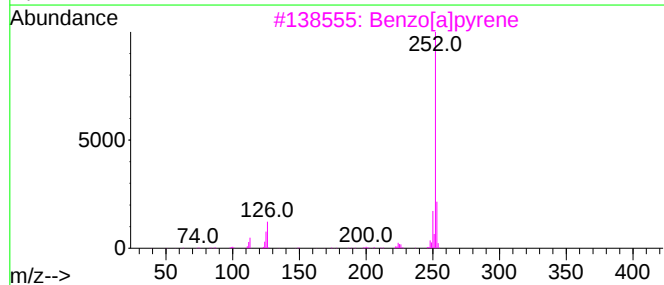
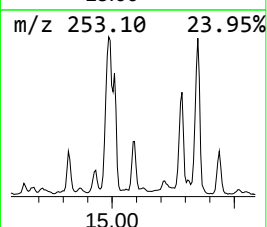
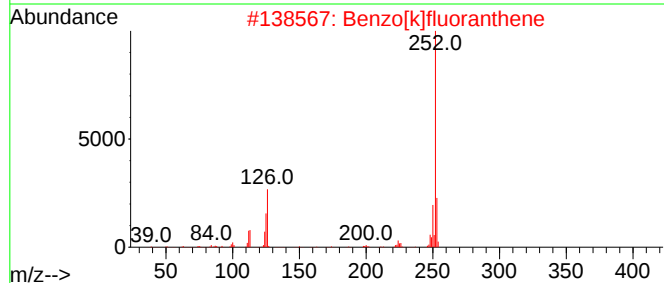
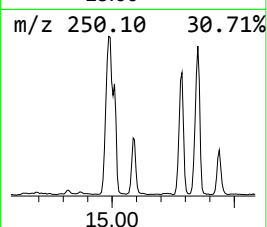
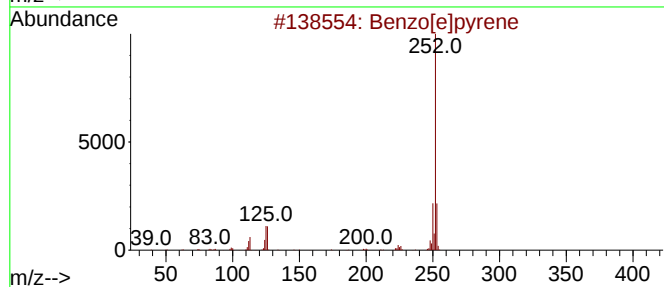
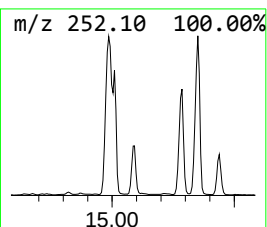
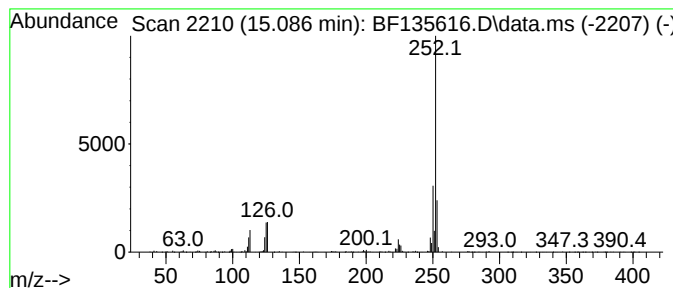
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	28.20 ng	703864	Perylene-d12	15.403

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

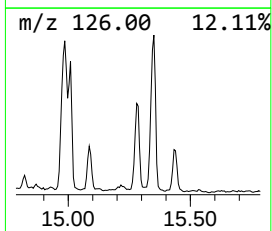
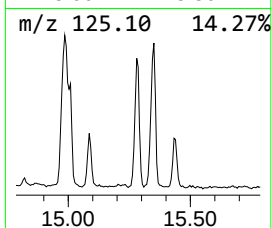
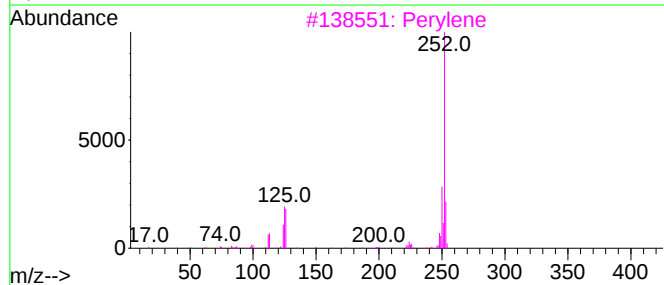
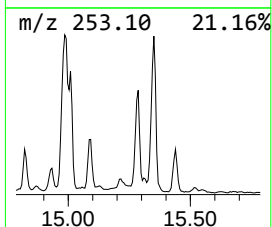
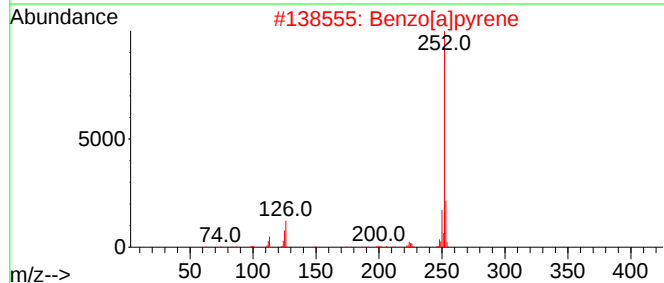
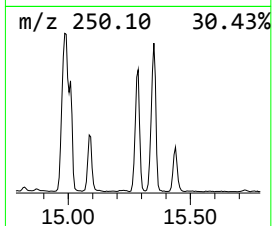
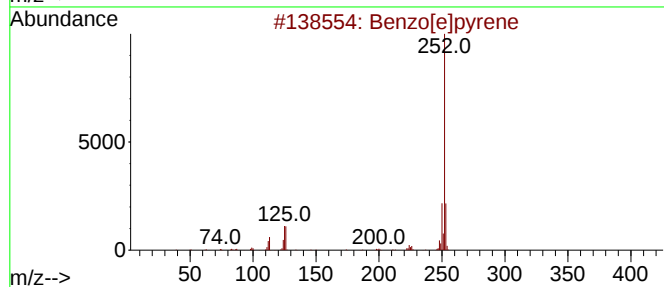
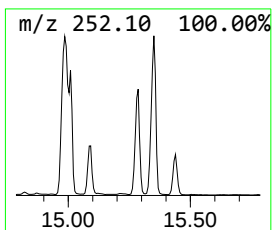
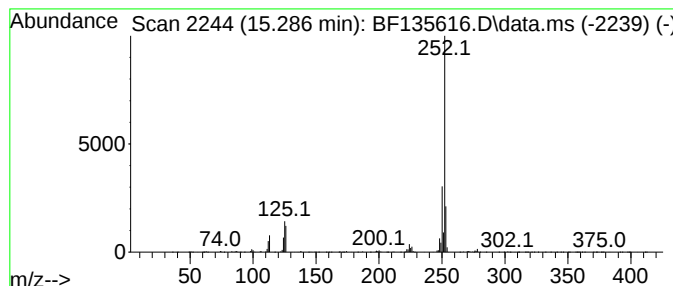
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.286	62.21 ng	1552420	Perylene-d12	15.403

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

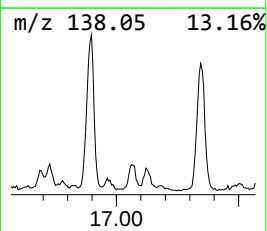
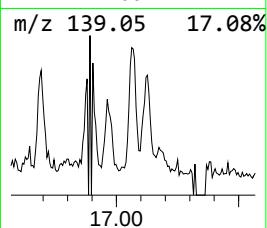
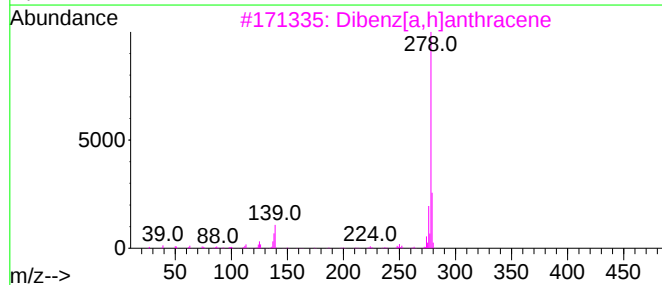
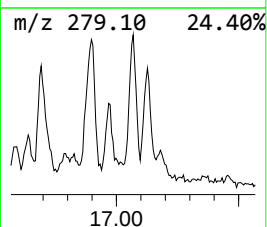
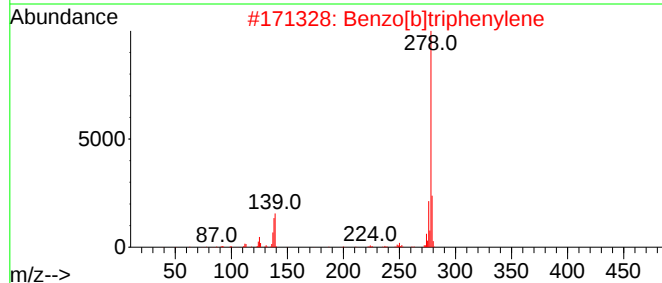
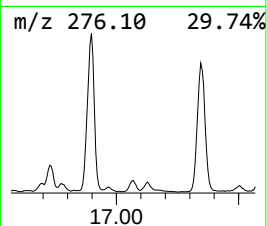
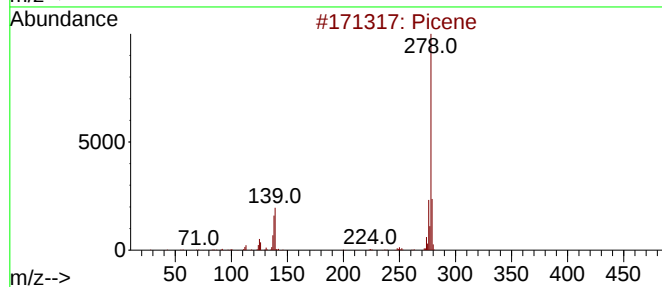
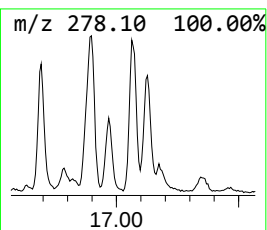
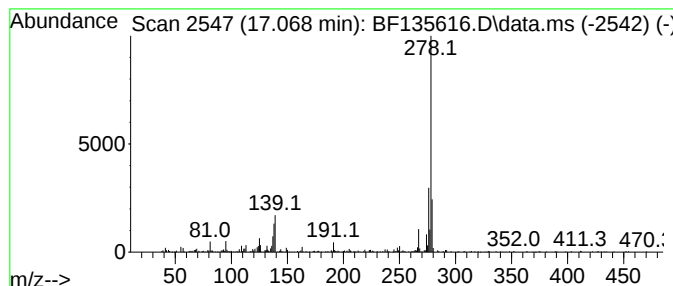
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Picene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	15.23 ng	380133	Perylene-d12	15.403

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene		278	C22H14	000213-46-7	97
2	Benzo[b]triphenylene		278	C22H14	000215-58-7	94
3	Dibenz[a,h]anthracene		278	C22H14	000053-70-3	93
4	Benzo[b]chrysene		278	C22H14	000214-17-5	93
5	Pentacene		278	C22H14	000135-48-8	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Benzene, 1-ethe...	6.569	17.8	ng	665710	1	6.739	749558	20.0
Indene	6.998	22.6	ng	848146	1	6.739	749558	20.0
Naphthalene, 2-...	9.292	20.7	ng	838056	3	9.774	809942	20.0
Naphthalene, 1,...	9.363	64.5	ng	2612900	3	9.774	809942	20.0
Naphthalene, 2,...	9.433	71.1	ng	2879710	3	9.774	809942	20.0
Naphthalene, 2,...	9.463	38.3	ng	1549580	3	9.774	809942	20.0
Naphthalene, 1,...	9.551	39.0	ng	1580180	3	9.774	809942	20.0
Benzo[b]thiophe...	9.880	16.5	ng	667569	3	9.774	809942	20.0
Naphthalene, 1,...	10.092	18.8	ng	760681	3	9.774	809942	20.0
Naphthalene, 2,...	10.121	10.2	ng	413439	3	9.774	809942	20.0
Naphthalene, 1,...	10.180	15.1	ng	612177	3	9.774	809942	20.0
Hexadecane	10.204	12.8	ng	517143	3	9.774	809942	20.0
Naphthalene, 1,...	10.275	13.2	ng	535695	3	9.774	809942	20.0
1-Isopropenylna...	10.392	10.4	ng	420595	3	9.774	809942	20.0
unknown10.433	10.433	9.9	ng	400127	3	9.774	809942	20.0
9H-Fluoren-3-ol	10.480	22.6	ng	915881	3	9.774	809942	20.0
Benzo[e]pyrene	15.086	28.2	ng	703864	6	15.403	499129	20.0
Perylene	15.286	62.2	ng	1552420	6	15.403	499129	20.0
Picene	17.068	15.2	ng	380133	6	15.403	499129	20.0