

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129448.D
 Acq On : 29 Jul 2022 18:37
 Operator : CG\JU
 Sample : N3964-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HMGP-WATER-2

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-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129448.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	117	124	136	rVB	77064	140579	1.33%	0.122%
2	5.110	477	480	494	rVB	140735	191677	1.81%	0.166%
3	5.369	520	524	528	rBV	377522	360693	3.40%	0.312%
4	5.522	547	550	557	rVB	3672677	3256660	30.74%	2.816%
5	5.734	582	586	590	rVB	257983	235248	2.22%	0.203%
6	6.051	636	640	644	rBV	184788	160896	1.52%	0.139%
7	6.157	655	658	662	rBV	359781	306224	2.89%	0.265%
8	6.339	685	689	697	rVB2	122485	167230	1.58%	0.145%
9	6.439	703	706	709	rBV	265329	225238	2.13%	0.195%
10	6.481	710	713	717	rVB	312061	243075	2.29%	0.210%
11	6.528	717	721	725	rBV	2695621	2371018	22.38%	2.050%
12	6.563	725	727	730	rVB	239792	206377	1.95%	0.178%
13	6.704	748	751	755	rVB	1024078	835800	7.89%	0.723%
14	6.881	778	781	784	rBV	1179534	1101621	10.40%	0.953%
15	6.939	788	791	792	rVV	468110	393116	3.71%	0.340%
16	6.957	792	794	796	rVB	441458	346230	3.27%	0.299%
17	7.063	808	812	815	rVB	1492952	1172917	11.07%	1.014%
18	7.139	820	825	830	rVB2	814288	1027583	9.70%	0.889%
19	7.198	830	835	838	rBV	394325	341017	3.22%	0.295%
20	7.416	866	872	874	rVV	580669	563375	5.32%	0.487%
21	7.451	874	878	881	rVV	3553517	3564933	33.65%	3.083%
22	7.486	881	884	888	rVV2	187182	282960	2.67%	0.245%
23	7.528	888	891	895	rVV3	139170	160075	1.51%	0.138%
24	7.645	909	911	914	rVV	170628	155409	1.47%	0.134%
25	7.675	914	916	918	rVV	324473	257302	2.43%	0.223%
26	7.692	918	919	925	rVB2	159180	151707	1.43%	0.131%
27	7.834	941	943	948	rVB	584623	470921	4.44%	0.407%
28	7.910	948	956	960	rBV4	1308277	2405828	22.71%	2.081%
29	7.945	960	962	969	rVV	1133453	1626826	15.35%	1.407%
30	8.033	974	977	980	rVB2	192280	176789	1.67%	0.153%
31	8.075	980	984	987	rBV	206947	239704	2.26%	0.207%
32	8.192	996	1004	1008	rVB2	6396596	8392911	79.21%	7.258%
33	8.239	1009	1012	1016	rVB	475367	422189	3.98%	0.365%
34	8.439	1042	1046	1051	rVB3	281446	321795	3.04%	0.278%
35	8.522	1056	1060	1063	rVV	352529	462607	4.37%	0.400%
36	8.557	1063	1066	1069	rVB3	142365	167583	1.58%	0.145%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.604	1069	1074	1076	rBV	406547	545262	5.15%	0.472%
38	8.628	1076	1078	1080	rVV	511717	547762	5.17%	0.474%
39	8.669	1083	1085	1090	rVB	580408	578515	5.46%	0.500%
40	8.716	1090	1093	1097	rBV2	150292	201630	1.90%	0.174%
41	8.757	1097	1100	1104	rVB3	197161	188917	1.78%	0.163%
42	8.810	1104	1109	1111	rBV2	264795	285397	2.69%	0.247%
43	8.833	1111	1113	1117	rVB	425155	362135	3.42%	0.313%
44	8.880	1117	1121	1125	rBV	2694305	2431154	22.95%	2.102%
45	8.939	1128	1131	1133	rVV2	149511	170053	1.61%	0.147%
46	8.992	1133	1140	1143	rVB	9530031	10595183	100.00%	9.163%
47	9.245	1175	1183	1186	rBV	6571273	5959509	56.25%	5.154%
48	9.345	1196	1200	1205	rVB	2139185	1694693	15.99%	1.466%
49	9.439	1209	1216	1221	rVB	1597429	1928189	18.20%	1.667%
50	9.510	1221	1228	1232	rBV	1765120	2487535	23.48%	2.151%
51	9.586	1236	1241	1243	rVV	3582716	3864397	36.47%	3.342%
52	9.610	1243	1245	1249	rVB	2521409	2032331	19.18%	1.758%
53	9.704	1255	1261	1262	rBV	1794409	1789128	16.89%	1.547%
54	9.716	1262	1263	1269	rVV	905884	690397	6.52%	0.597%
55	9.786	1272	1275	1279	rVB	2678156	2195188	20.72%	1.898%
56	9.886	1288	1292	1294	rBV	883794	724378	6.84%	0.626%
57	9.904	1294	1295	1297	rVV	659604	580679	5.48%	0.502%
58	9.927	1297	1299	1301	rVV	1741094	1454722	13.73%	1.258%
59	9.969	1301	1306	1309	rVV	7983336	7949461	75.03%	6.875%
60	10.027	1313	1316	1320	rBV3	225890	316883	2.99%	0.274%
61	10.127	1329	1333	1337	rVV2	990048	1076385	10.16%	0.931%
62	10.163	1337	1339	1343	rVB	306046	277767	2.62%	0.240%
63	10.239	1347	1352	1355	rBV2	483717	620617	5.86%	0.537%
64	10.269	1355	1357	1359	rVV	218267	183212	1.73%	0.158%
65	10.322	1363	1366	1369	rVV	387998	503326	4.75%	0.435%
66	10.351	1369	1371	1373	rVV	302387	225342	2.13%	0.195%
67	10.380	1373	1376	1379	rVV	715363	558837	5.27%	0.483%
68	10.422	1379	1383	1385	rVV4	261704	346692	3.27%	0.300%
69	10.445	1385	1387	1389	rVV	1226766	1068423	10.08%	0.924%
70	10.480	1389	1393	1397	rVV	4271950	4100681	38.70%	3.546%
71	10.527	1397	1401	1402	rVV	510944	502057	4.74%	0.434%
72	10.539	1402	1403	1405	rVV	349430	300073	2.83%	0.260%
73	10.586	1408	1411	1414	rVV	925835	853436	8.05%	0.738%
74	10.633	1416	1419	1421	rVV	253281	323722	3.06%	0.280%
75	10.657	1421	1423	1426	rVV	324996	305521	2.88%	0.264%
76	10.698	1426	1430	1431	rVV	1112396	885108	8.35%	0.765%

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77	10.722	1431	1434	1437	rVV	3609033	3332046	31.45%	2.882%
78	11.022	1480	1485	1488	rBV2	446895	598774	5.65%	0.518%
79	11.051	1488	1490	1493	rVB	412766	317018	2.99%	0.274%
80	11.104	1496	1499	1502	rVB	361440	303125	2.86%	0.262%
81	11.222	1513	1519	1524	rVB2	192632	260260	2.46%	0.225%
82	11.310	1530	1534	1539	rVB2	282635	311319	2.94%	0.269%
83	11.416	1549	1552	1554	rBV	1282637	1297049	12.24%	1.122%
84	11.445	1554	1557	1560	rVV	4645791	4077545	38.48%	3.526%
85	11.492	1560	1565	1568	rVV	1039418	840607	7.93%	0.727%
86	11.522	1568	1570	1573	rVV2	218254	212253	2.00%	0.184%
87	11.651	1586	1592	1595	rBV	447823	423010	3.99%	0.366%
88	11.916	1634	1637	1640	rBV	359326	352753	3.33%	0.305%
89	11.945	1640	1642	1645	rVB	345752	276925	2.61%	0.239%
90	12.033	1653	1657	1659	rBV	664032	653580	6.17%	0.565%
91	12.051	1659	1660	1664	rVB	233302	168399	1.59%	0.146%
92	12.416	1716	1722	1725	rVB3	164951	189738	1.79%	0.164%
93	12.457	1725	1729	1735	rBV3	192000	378492	3.57%	0.327%
94	12.504	1735	1737	1740	rVB2	255309	193245	1.82%	0.167%
95	12.633	1755	1759	1761	rBV	392304	358889	3.39%	0.310%
96	12.863	1793	1798	1801	rBV	474930	433442	4.09%	0.375%
97	13.004	1817	1822	1825	rBV	4454733	3920854	37.01%	3.391%
98	13.898	1970	1974	1980	rBV	117648	181142	1.71%	0.157%
99	14.063	1998	2002	2005	rBV	994412	898213	8.48%	0.777%
100	15.557	2251	2256	2261	rVB	859867	1045390	9.87%	0.904%

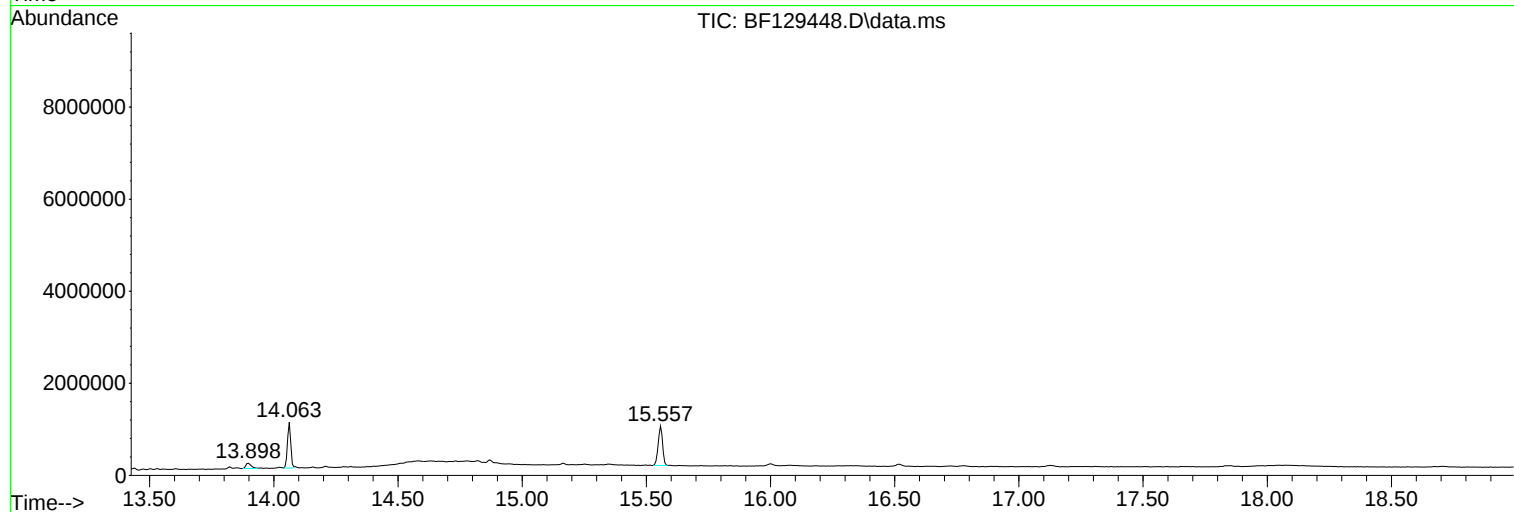
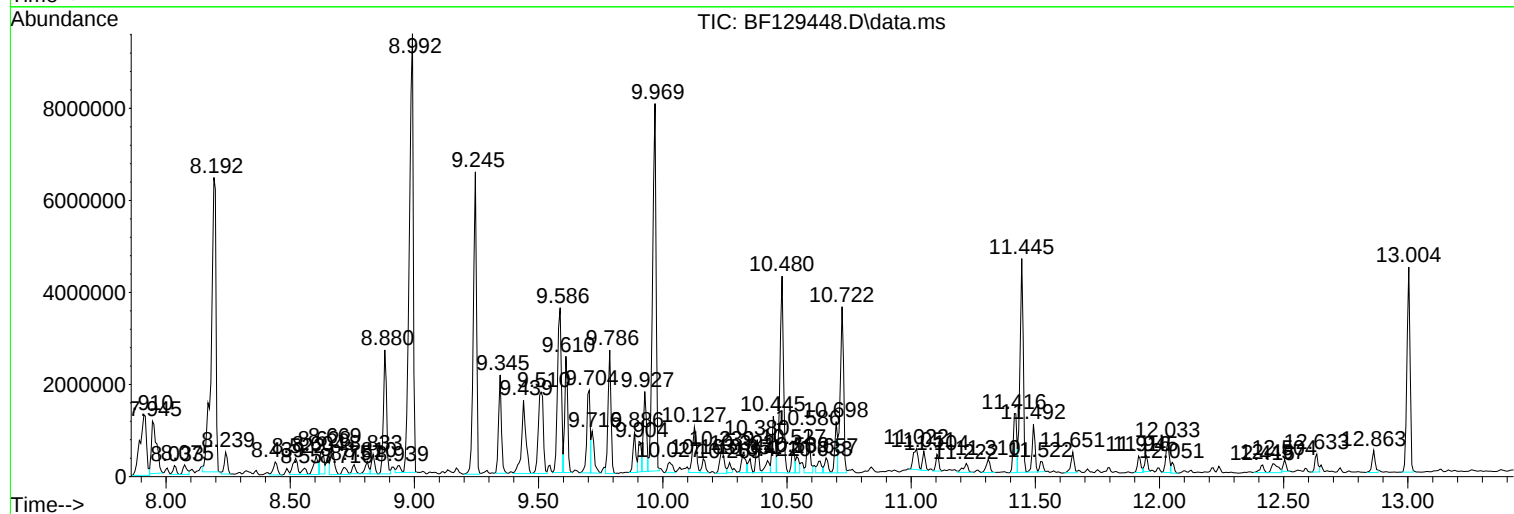
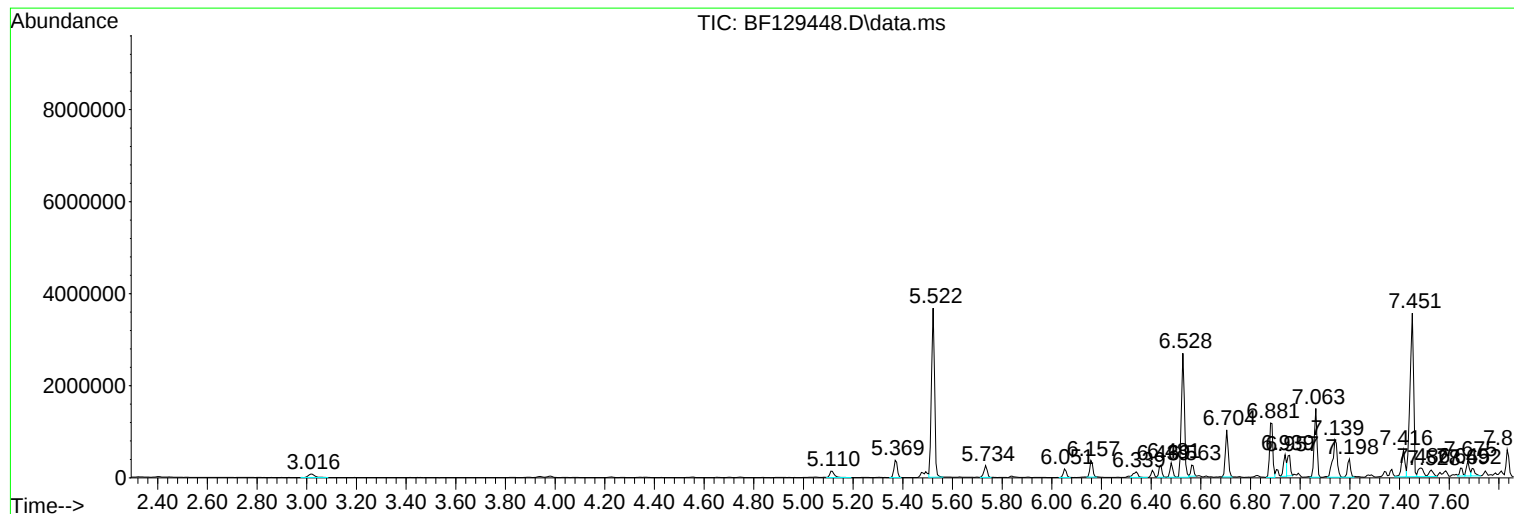
Sum of corrected areas: 115634878

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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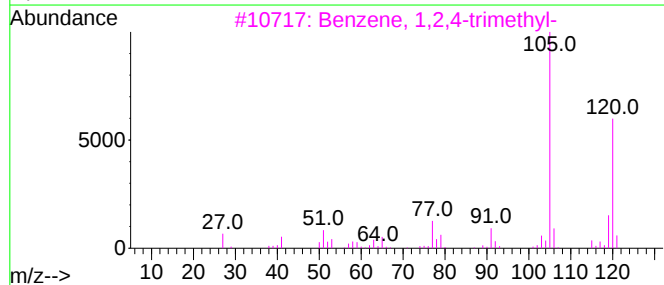
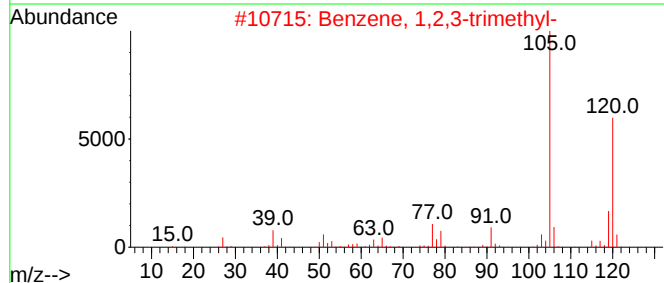
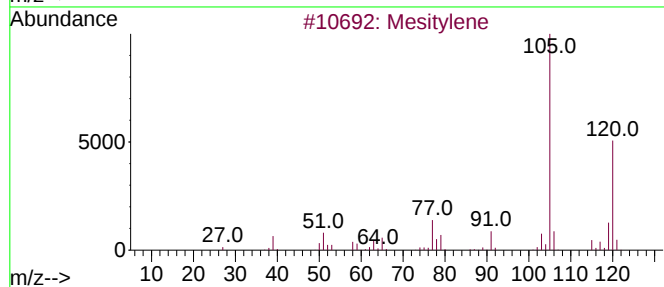
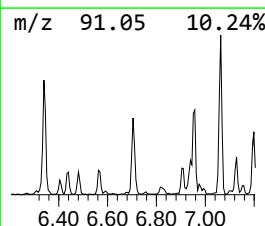
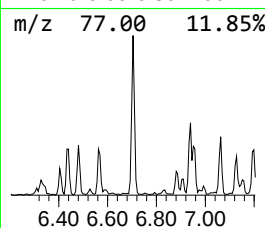
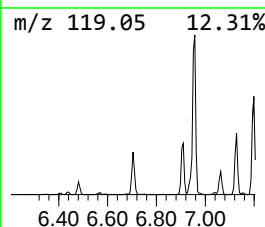
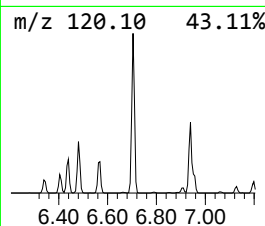
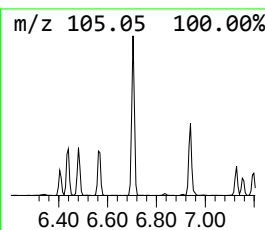
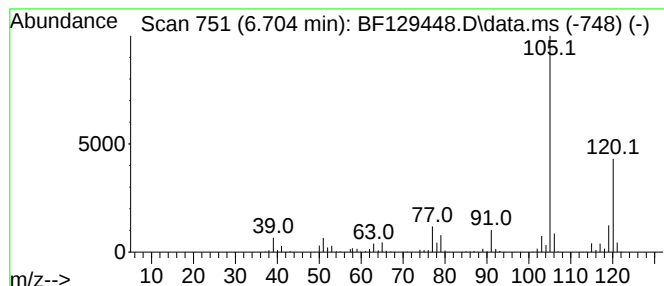
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	15.17 ng	835800	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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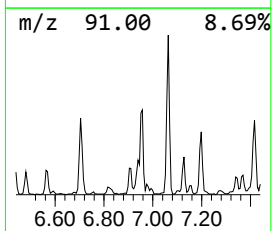
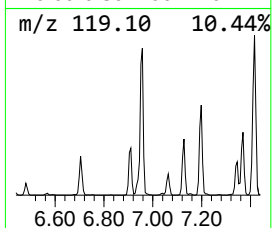
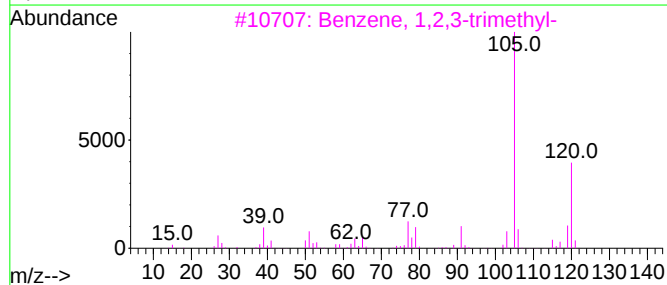
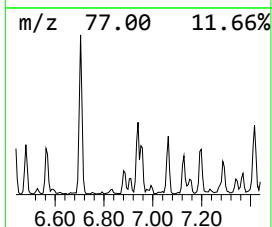
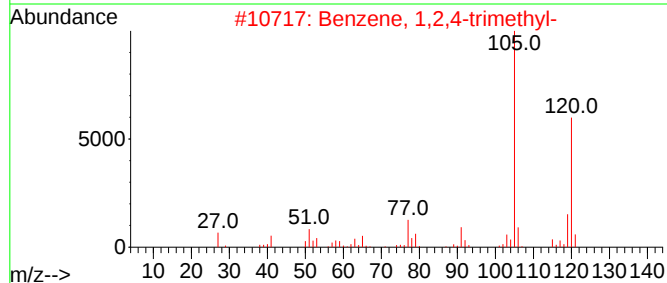
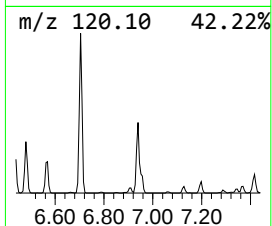
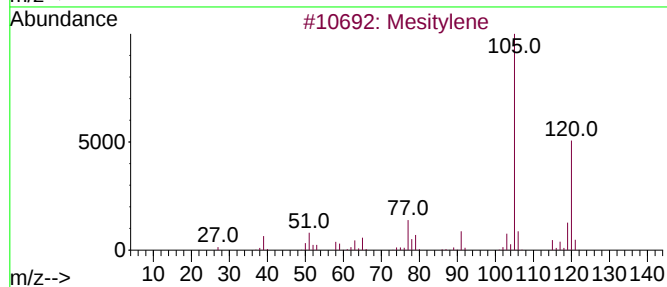
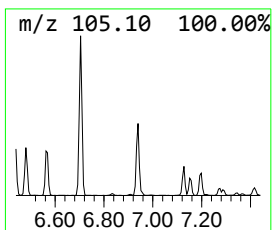
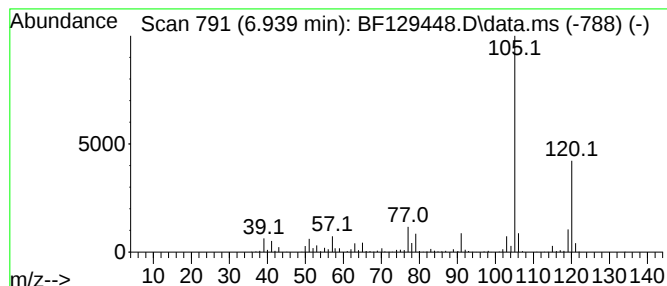
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.939	7.14 ng	393116	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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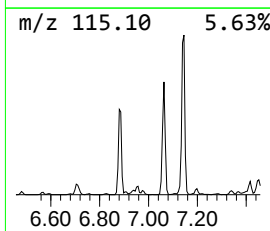
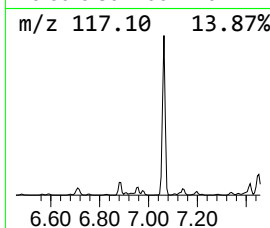
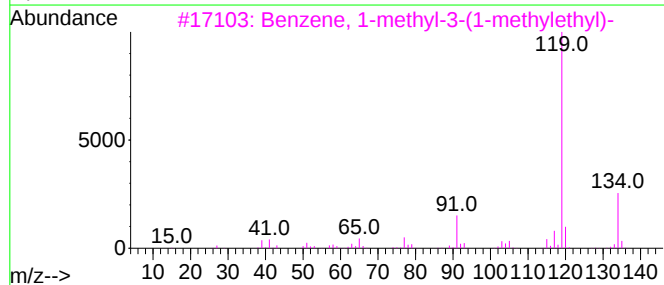
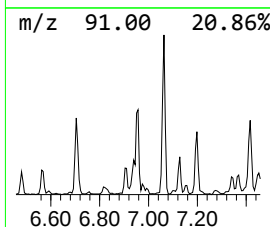
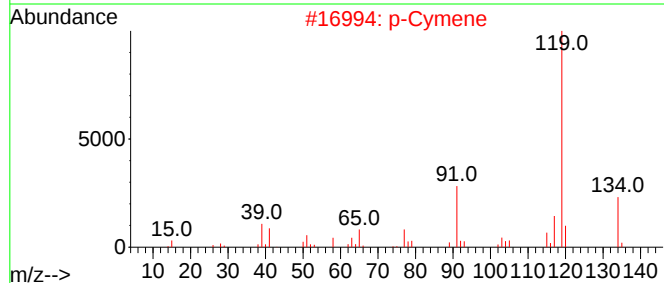
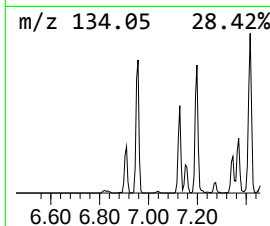
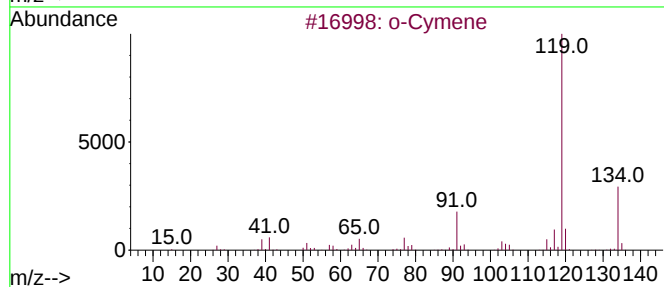
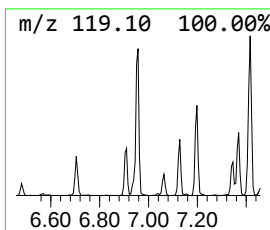
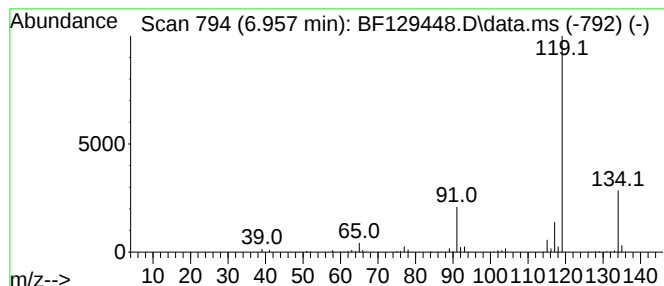
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	6.29 ng	346230	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			p-Cymene	134	C10H14	000099-87-6	91
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

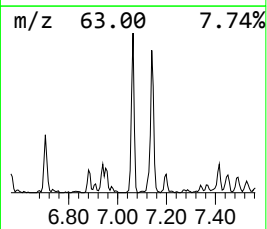
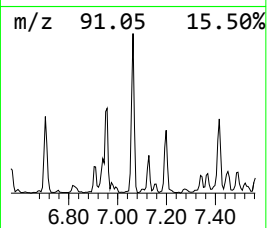
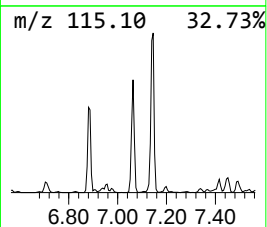
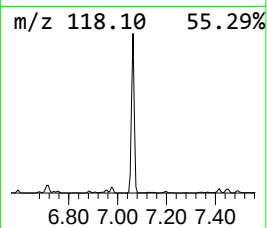
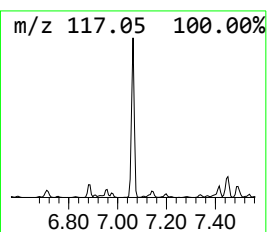
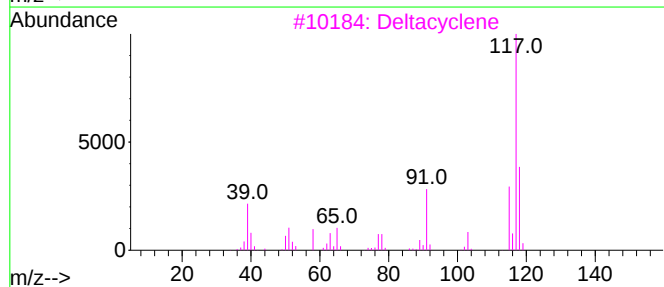
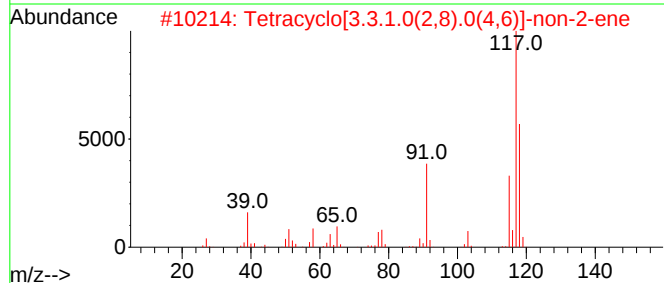
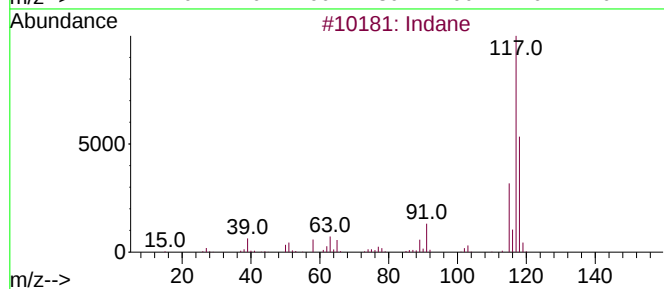
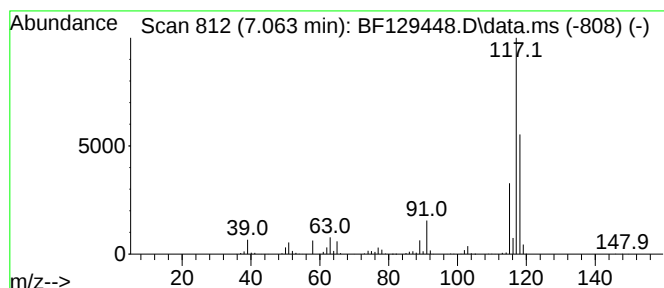
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	21.29 ng	1172920	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
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ClientSampleId :
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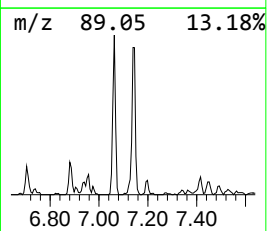
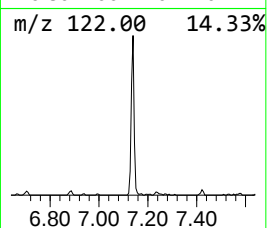
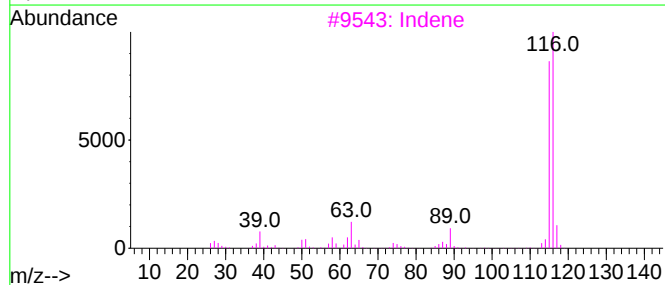
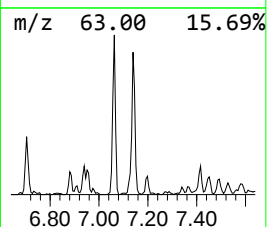
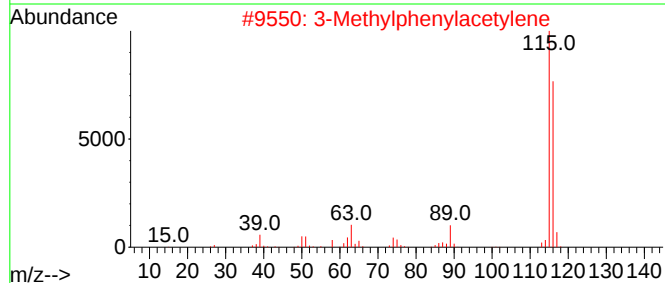
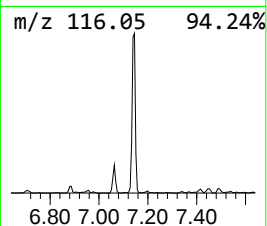
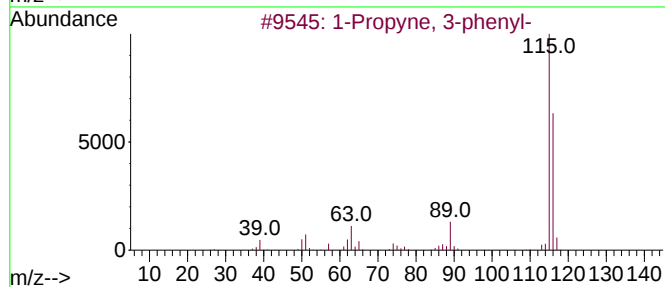
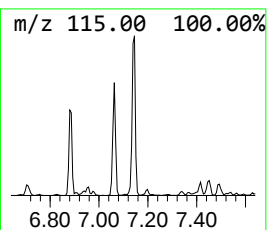
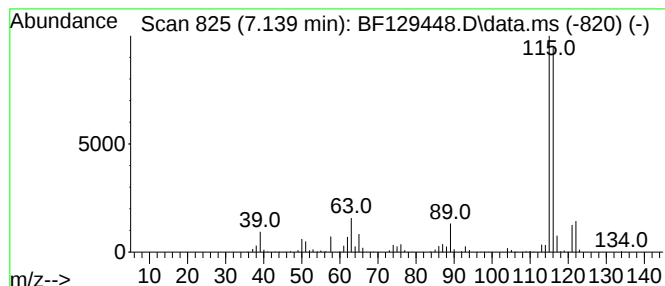
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Propyne, 3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	18.66 ng	1027580	1,4-Dichlorobenzene-d4	6.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2		3-Methylphenylacetylene	116	C9H8	000766-82-5	87
3		Indene	116	C9H8	000095-13-6	87
4		2-Methylphenylacetylene	116	C9H8	000766-47-2	87
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
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Misc :
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ClientSampleId :
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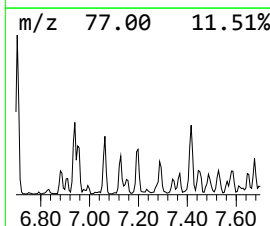
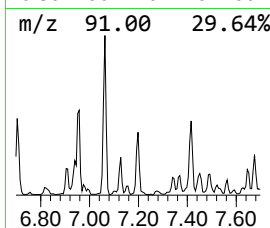
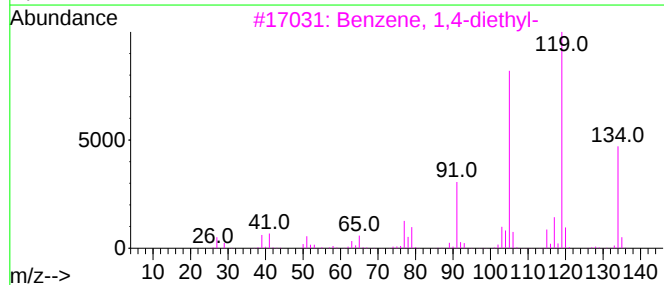
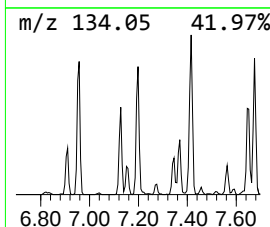
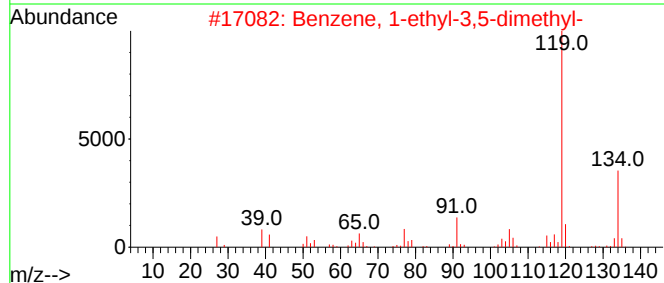
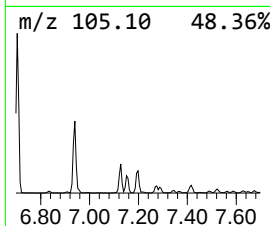
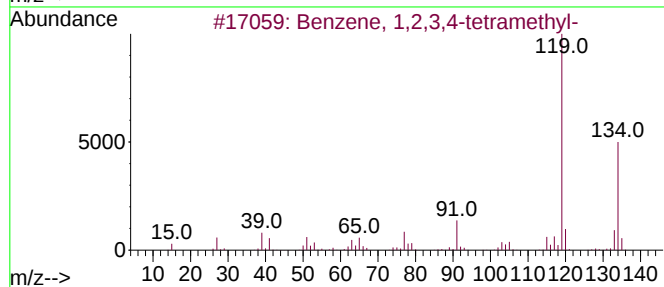
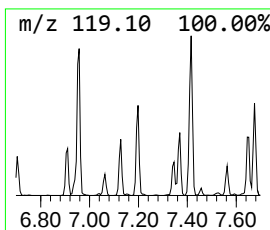
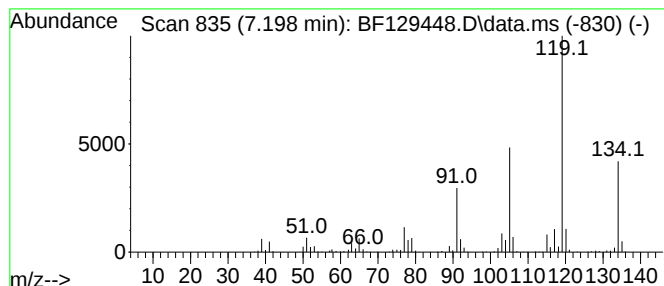
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	6.19 ng	341017	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
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Misc :
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Instrument :
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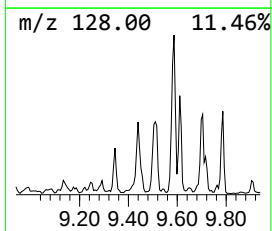
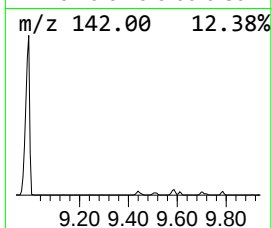
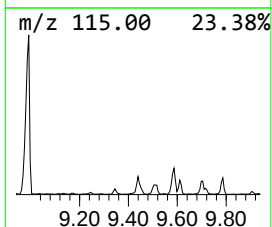
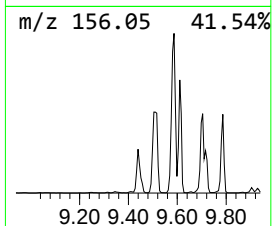
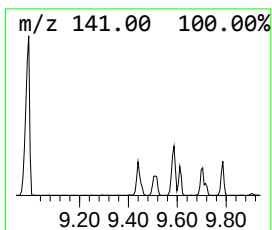
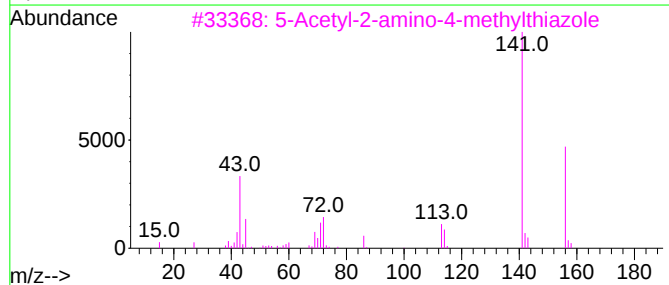
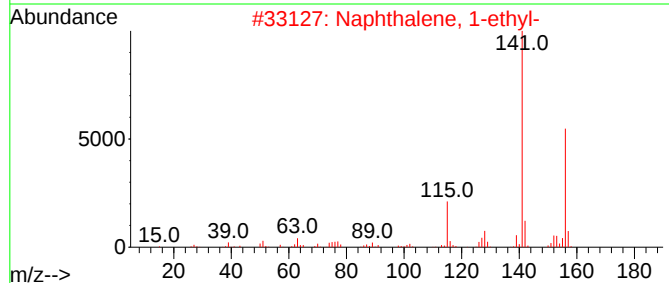
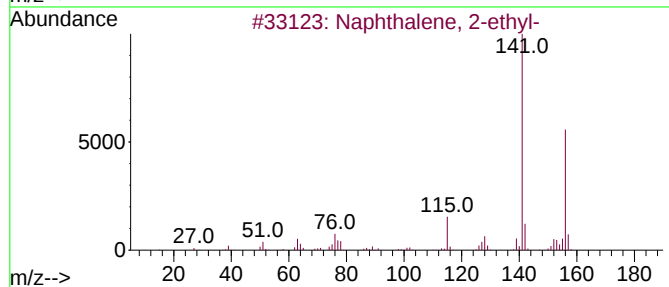
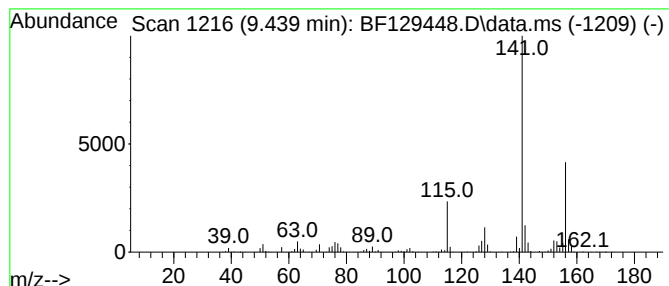
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	26.51 ng	1928190	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
4			Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	53
5			4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
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Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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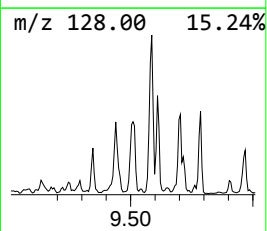
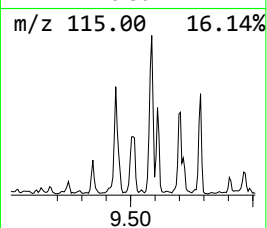
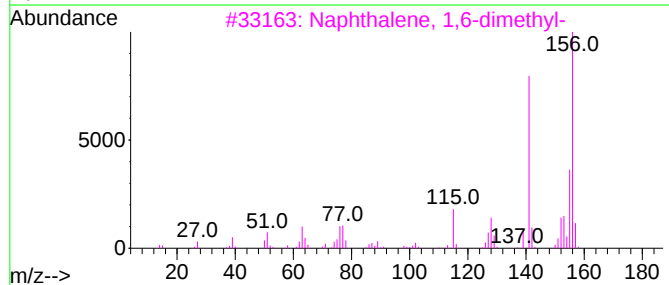
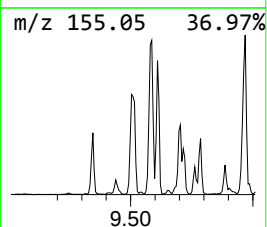
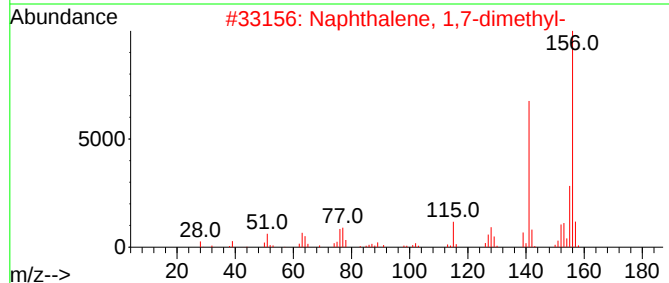
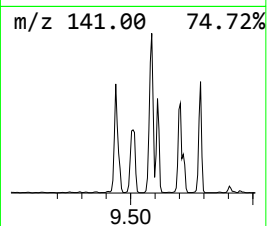
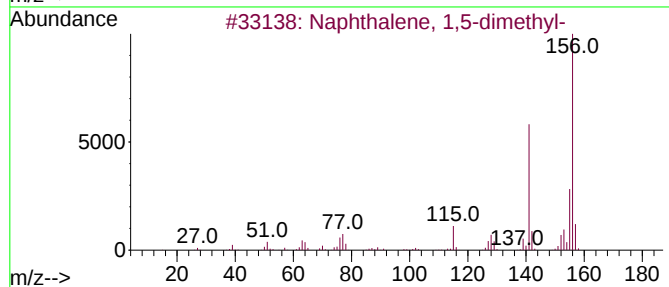
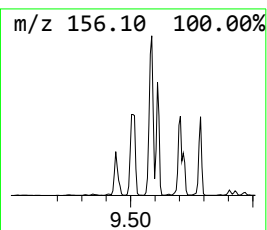
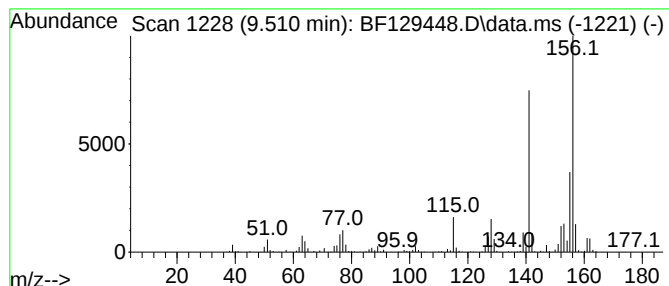
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	34.20 ng	2487540	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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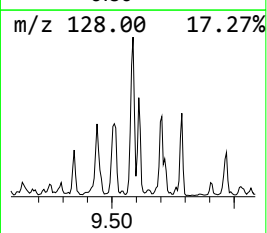
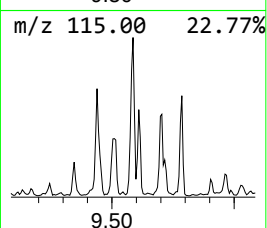
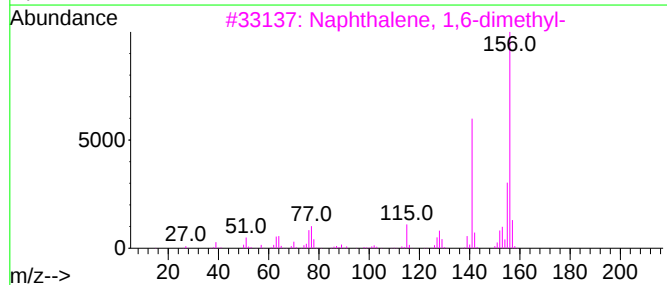
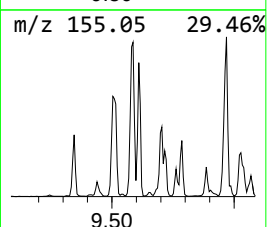
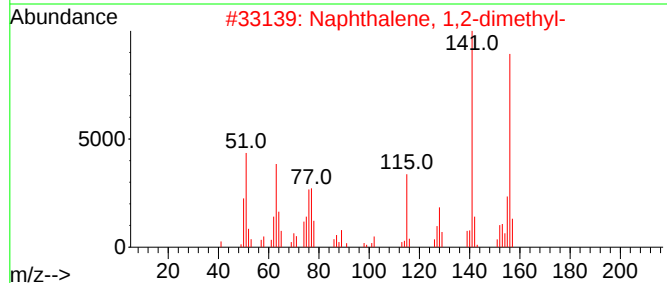
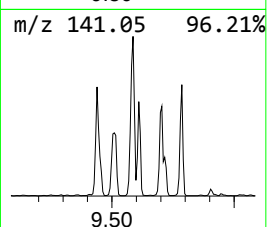
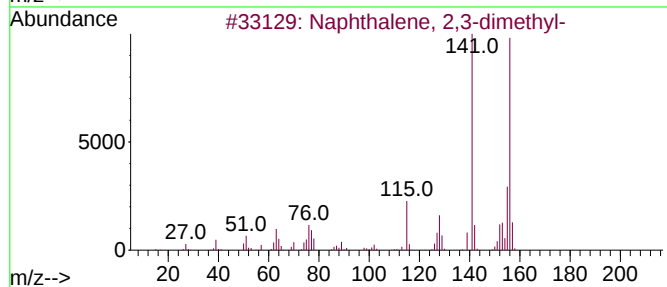
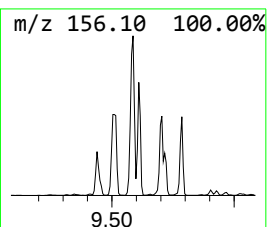
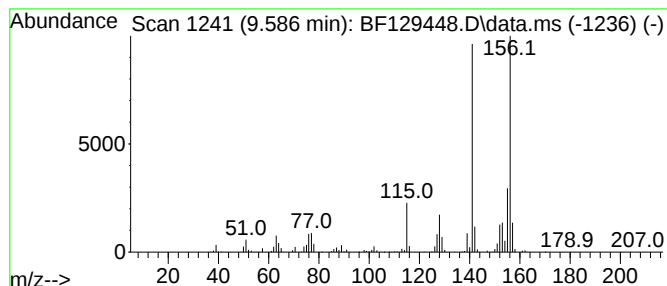
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	53.13 ng	3864400	Acenaphthene-d10	9.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HMGP-WATER-2

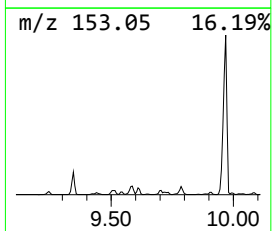
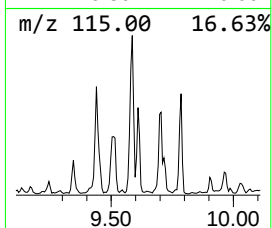
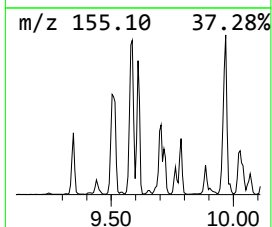
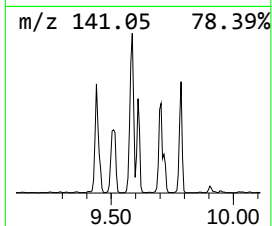
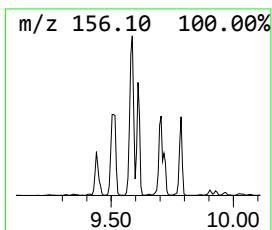
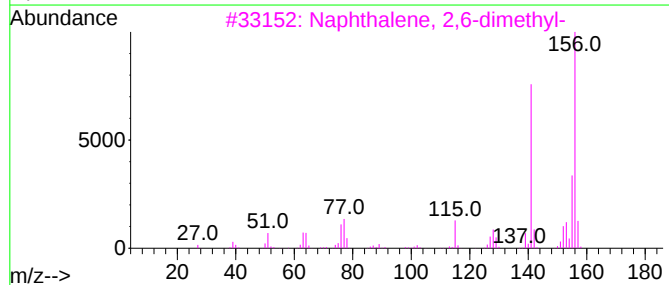
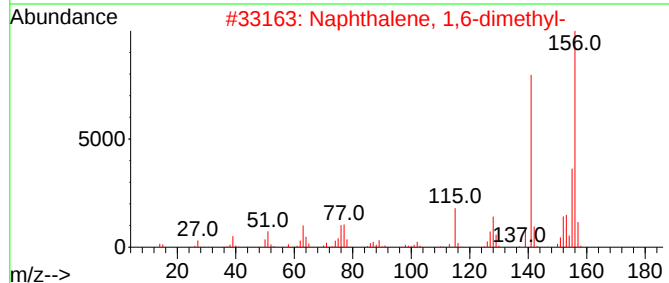
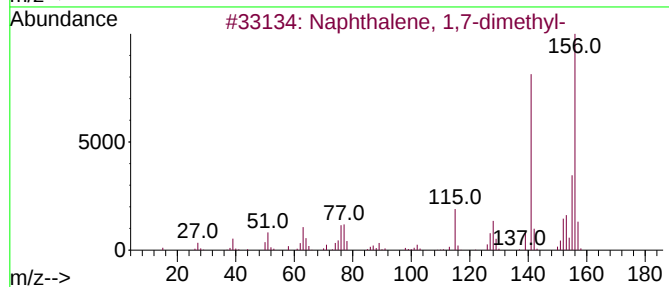
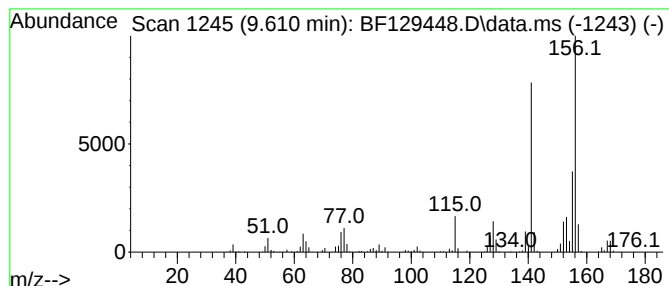
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	27.94 ng	2032330	Acenaphthene-d10	9.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

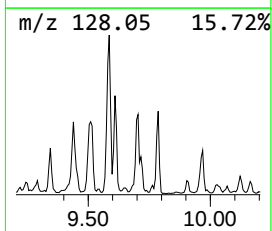
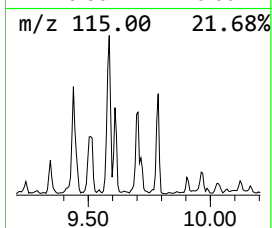
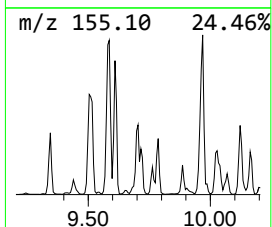
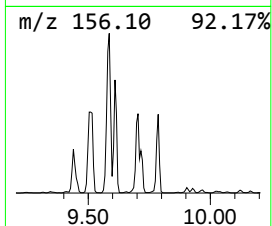
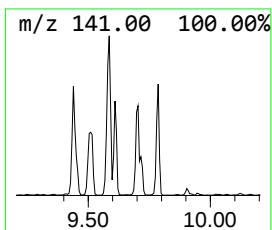
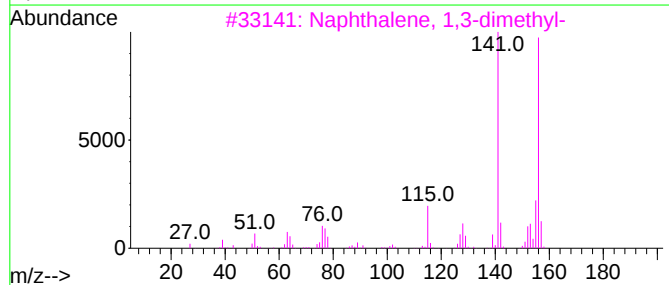
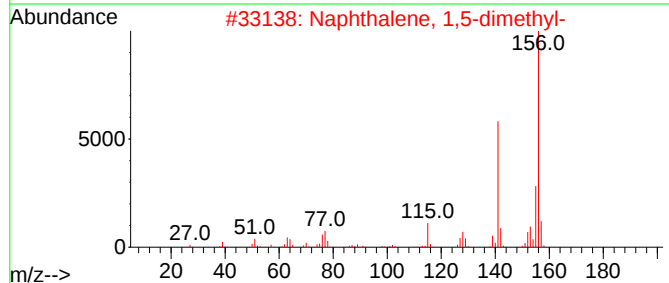
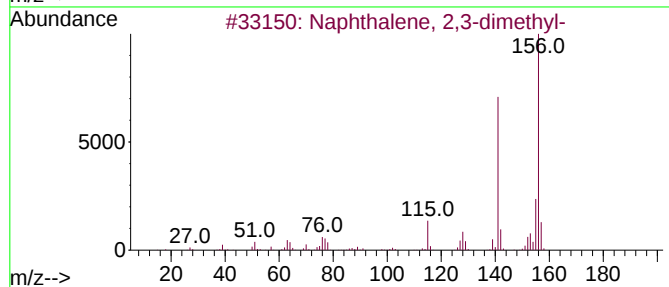
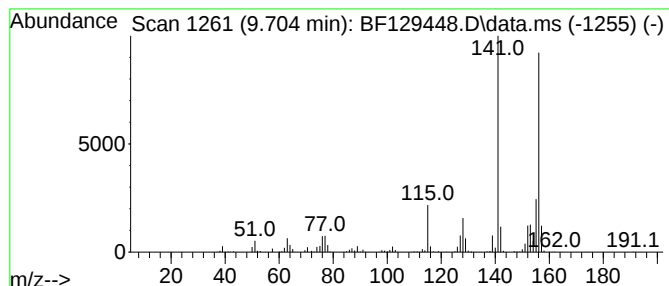
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	24.60 ng	1789130	Acenaphthene-d10	9.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

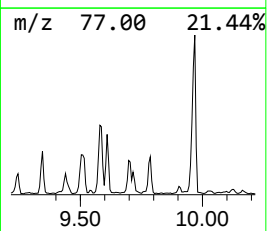
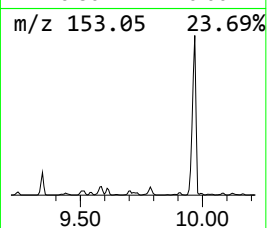
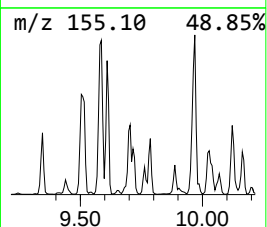
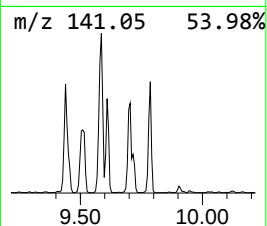
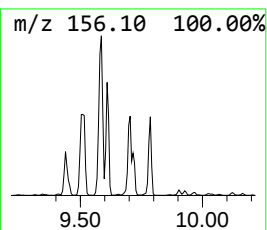
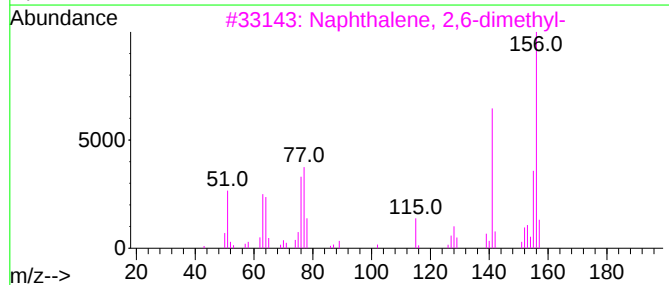
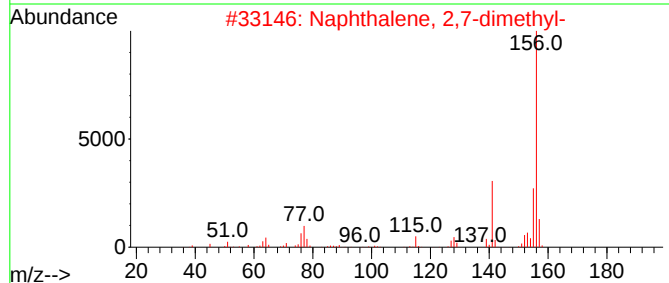
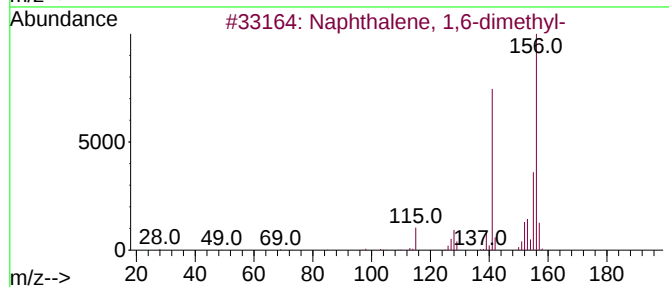
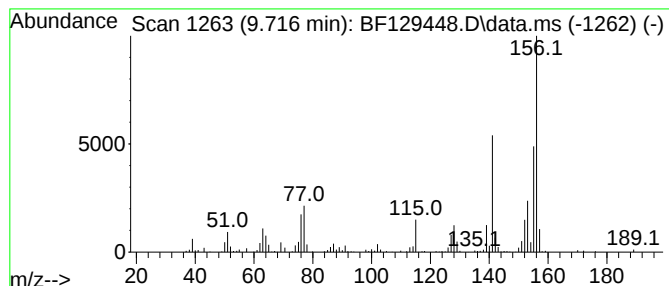
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	9.49 ng	690397	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

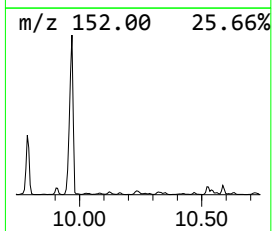
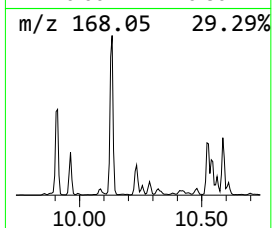
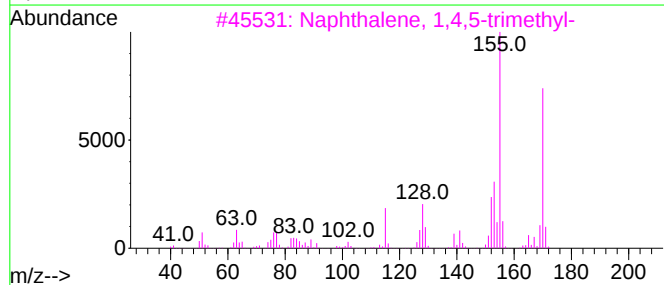
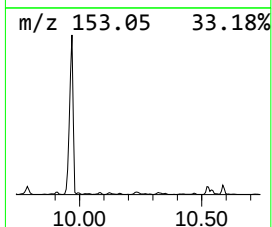
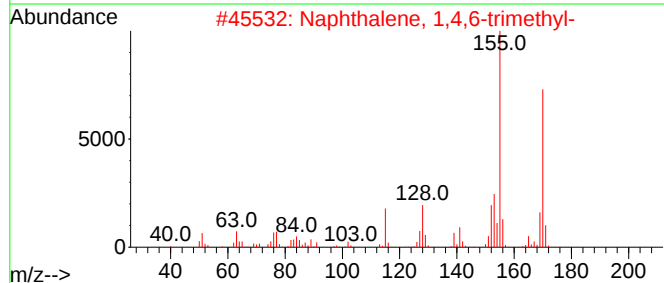
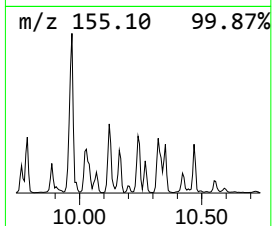
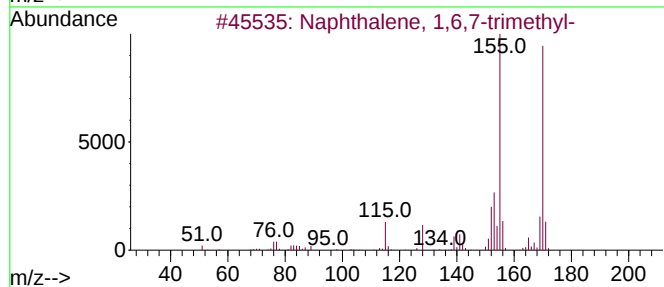
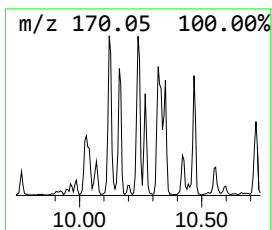
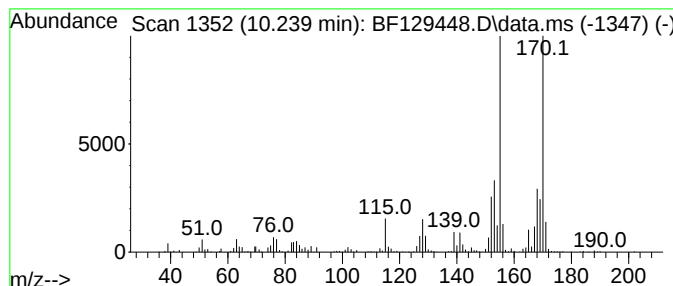
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	8.53 ng	620617	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

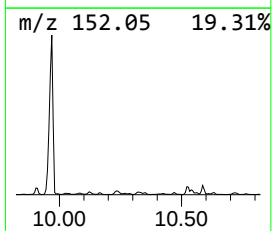
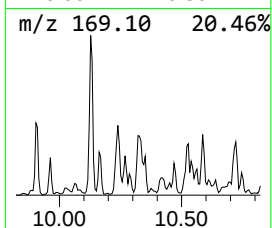
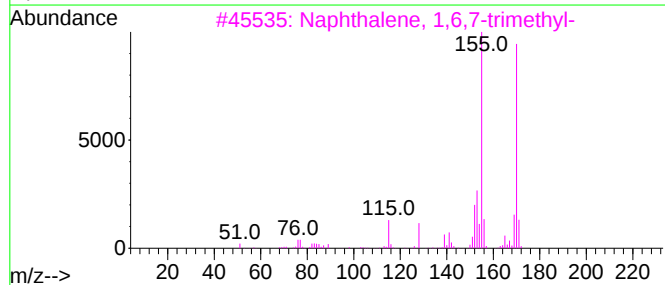
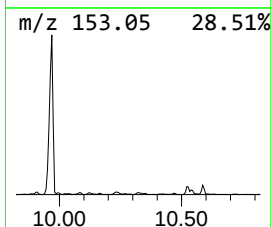
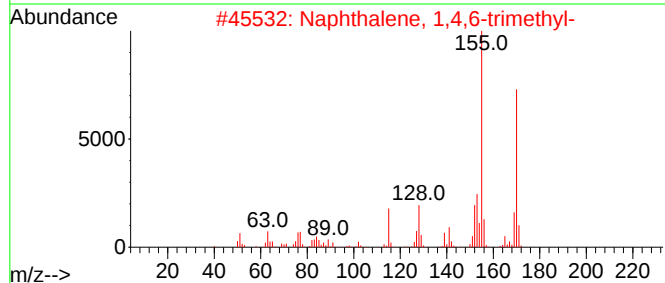
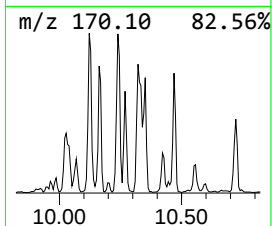
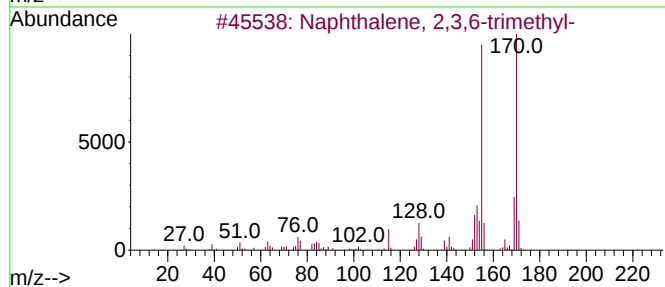
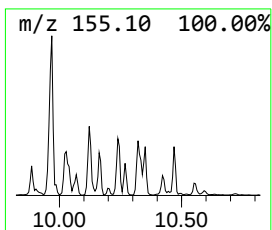
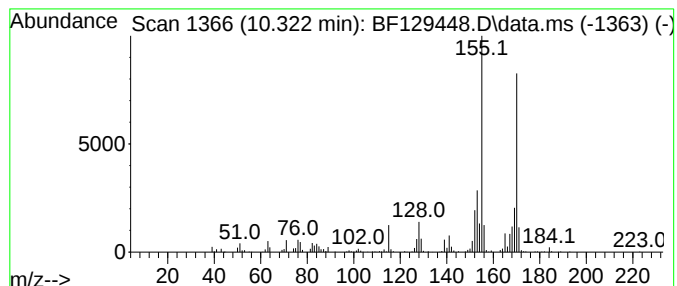
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	6.92 ng	503326	Acenaphthene-d10	9.927

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	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\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

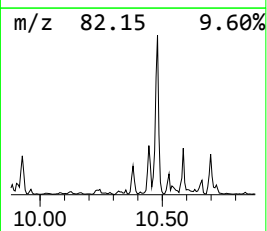
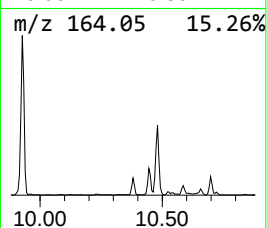
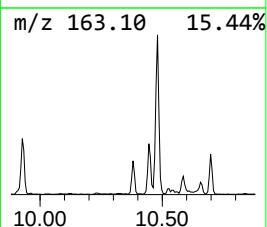
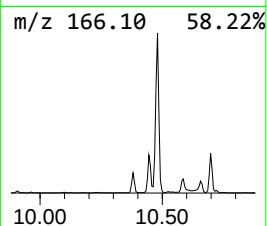
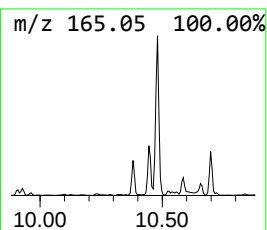
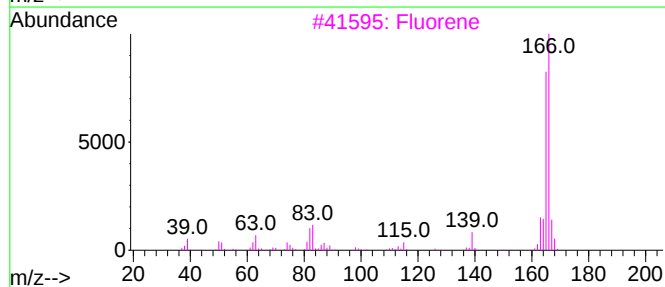
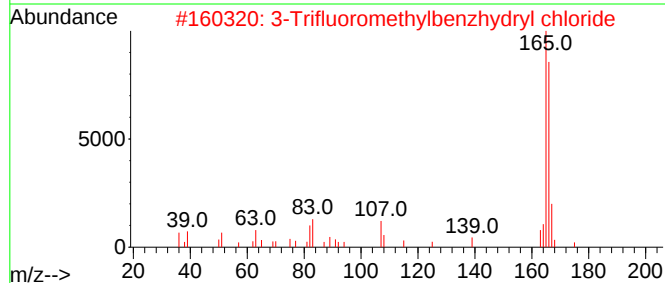
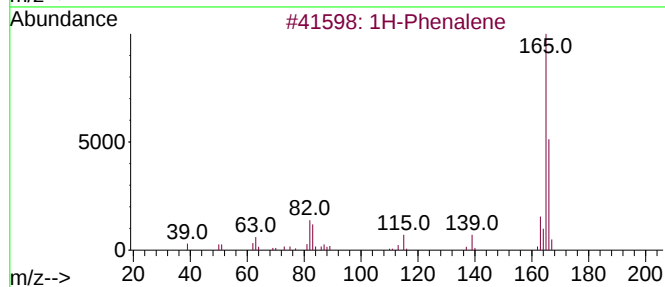
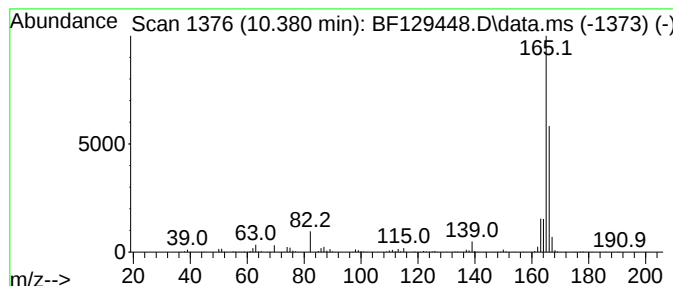
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Phenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.380	7.68 ng	558837	Acenaphthene-d10			9.927
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Phenylene		166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...		270	C14H10ClF3	067240-79-3	64
3	Fluorene		166	C13H10	000086-73-7	58
4	9H-Fluorene, 9-bromo-		244	C13H9Br	001940-57-4	53
5	Fluorene, 9-benzenesulfonyl-		306	C19H14O2S	022010-78-2	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HMGP-WATER-2

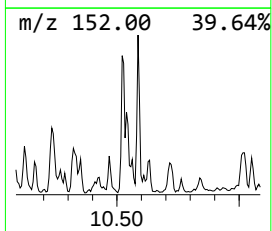
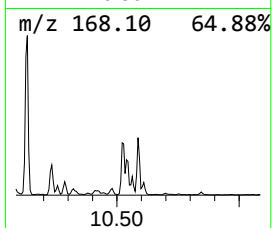
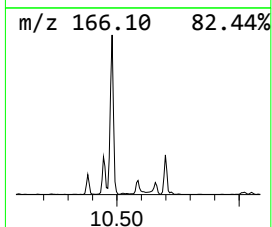
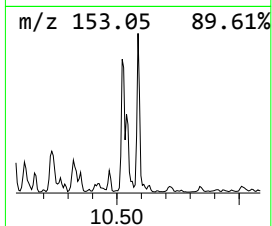
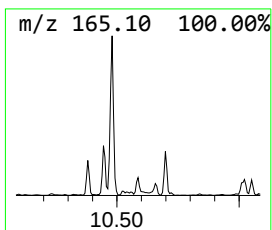
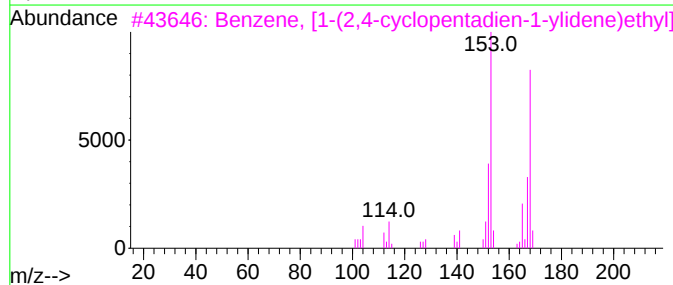
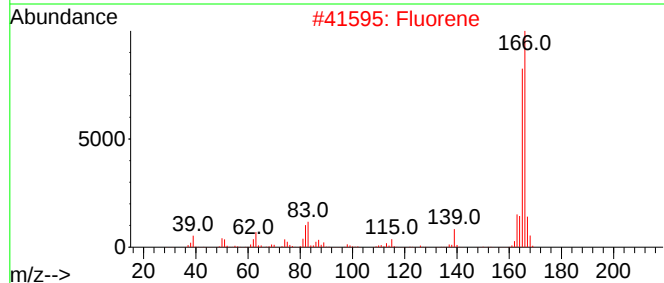
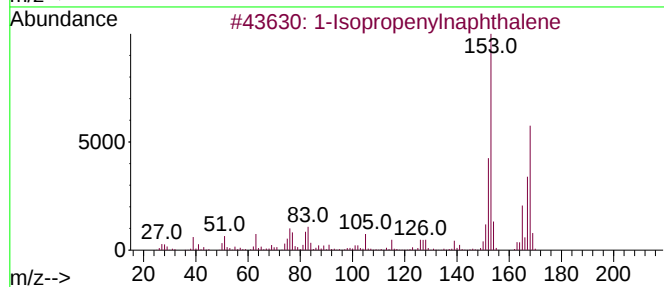
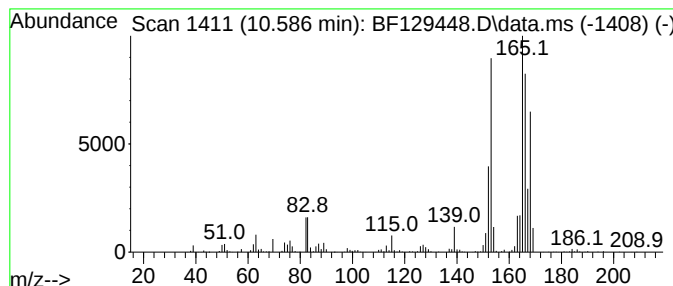
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	11.73 ng	853436	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2			Fluorene	166	C13H10	000086-73-7	50
3			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	45
4			Fluorene-9-methanol	196	C14H12O	024324-17-2	38
5			Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

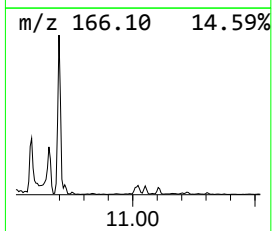
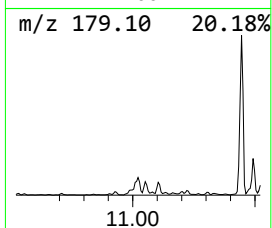
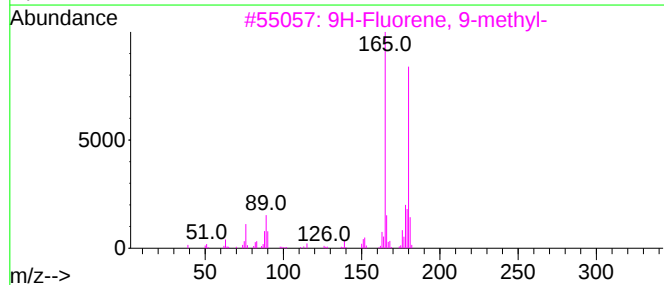
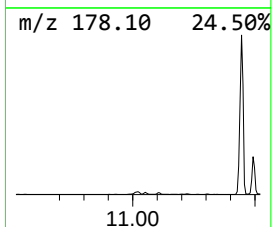
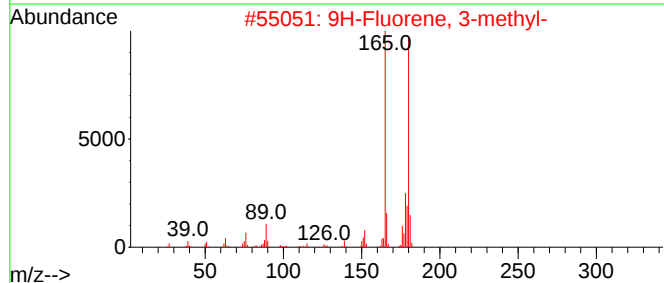
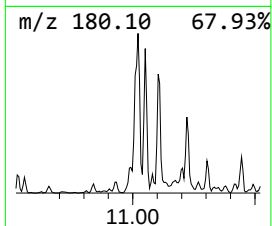
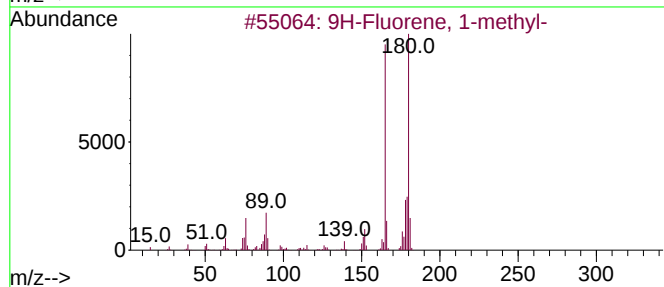
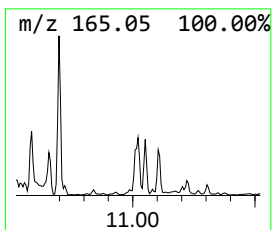
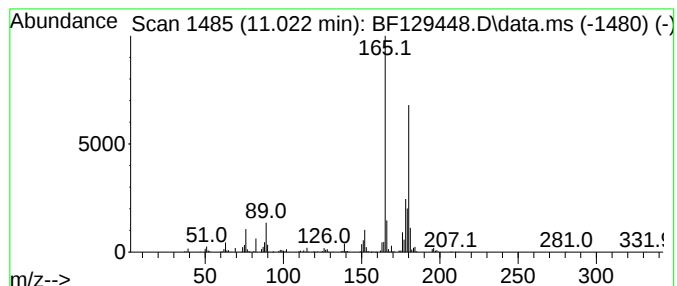
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.022	9.23 ng	598774	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
5		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

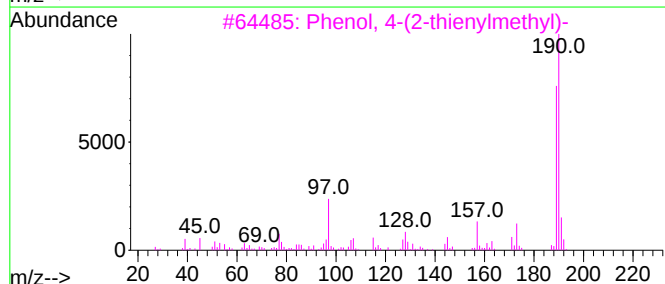
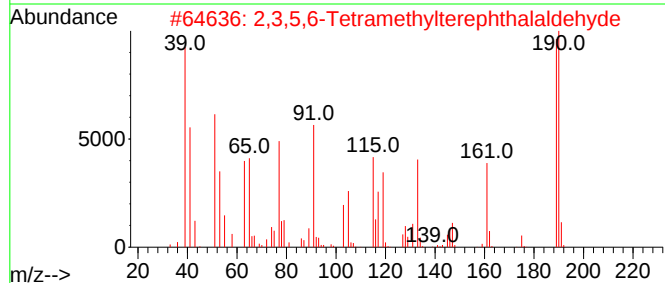
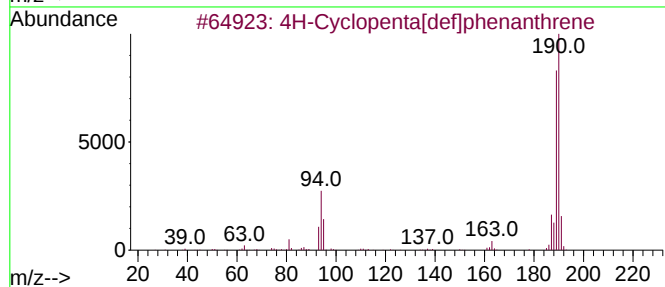
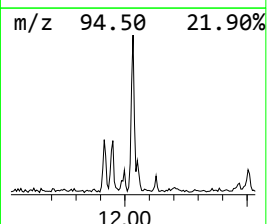
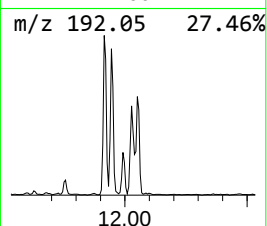
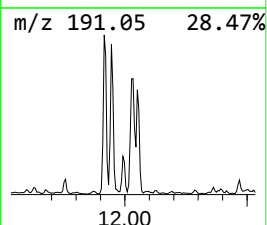
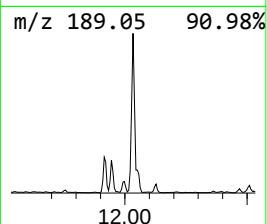
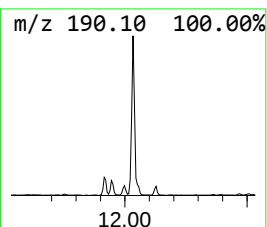
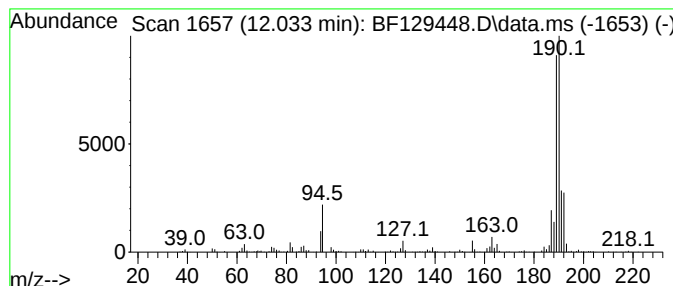
Instrument :
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ClientSampleId :
HMGP-WATER-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.033	10.08 ng	653580	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	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

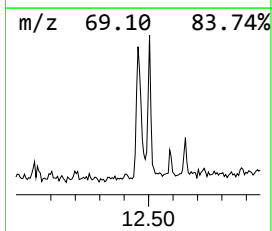
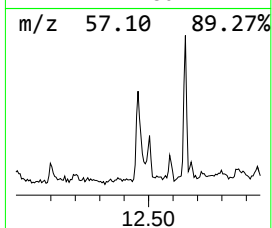
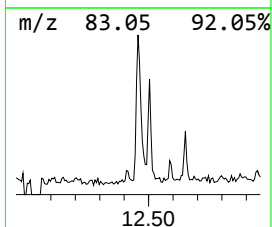
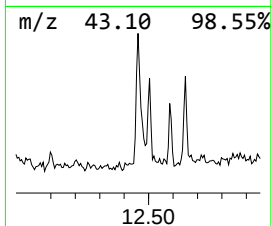
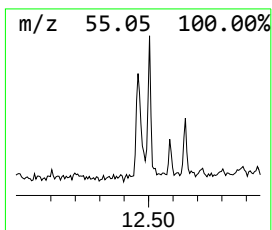
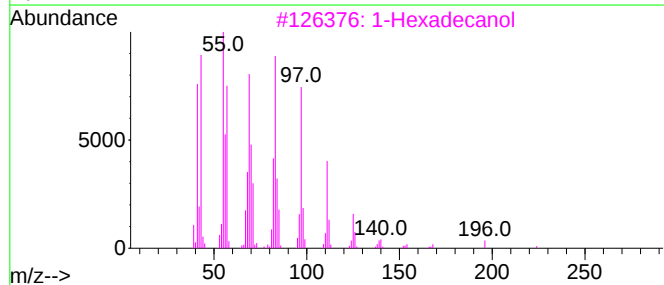
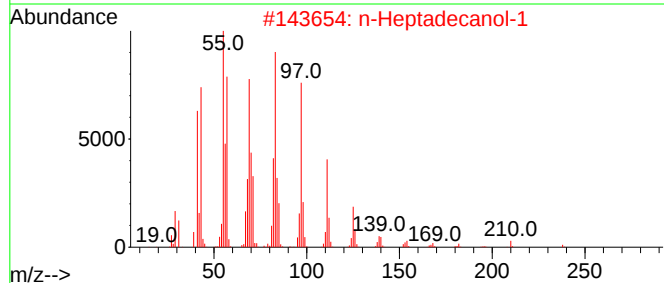
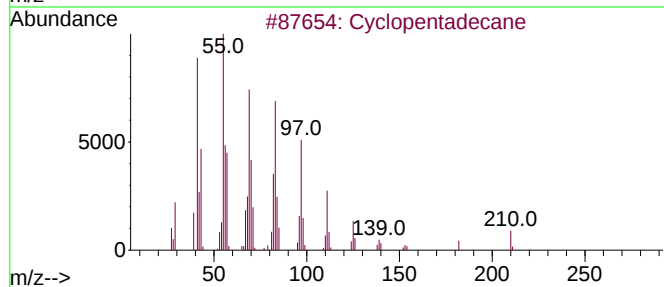
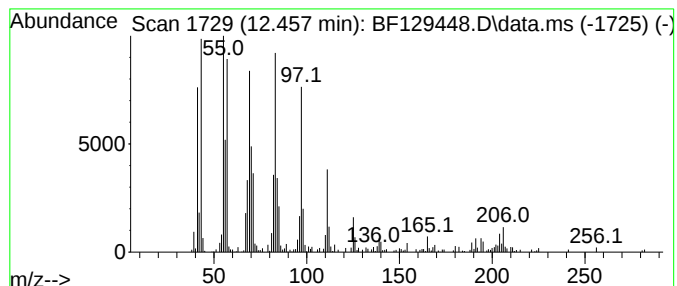
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclopentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.84 ng	378492	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	95
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3		1-Hexadecanol	242	C16H34O	036653-82-4	95
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129448.D
Acq On : 29 Jul 2022 18:37
Operator : CG\JU
Sample : N3964-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
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Benzene, 1,2,4-...	6.939	7.1	ng	393116	1	6.886	1101620	20.0
o-Cymene	6.957	6.3	ng	346230	1	6.886	1101620	20.0
Indane	7.063	21.3	ng	1172920	1	6.886	1101620	20.0
1-Propyne, 3-ph...	7.139	18.7	ng	1027580	1	6.886	1101620	20.0
Benzene, 1,2,3,...	7.198	6.2	ng	341017	1	6.886	1101620	20.0
Naphthalene, 2-...	9.439	26.5	ng	1928190	3	9.927	1454720	20.0
Naphthalene, 1,...	9.510	34.2	ng	2487540	3	9.927	1454720	20.0
Naphthalene, 2,...	9.586	53.1	ng	3864400	3	9.927	1454720	20.0
Naphthalene, 1,...	9.610	27.9	ng	2032330	3	9.927	1454720	20.0
Naphthalene, 1,...	9.704	24.6	ng	1789130	3	9.927	1454720	20.0
Naphthalene, 1,...	9.716	9.5	ng	690397	3	9.927	1454720	20.0
Naphthalene, 1,...	10.239	8.5	ng	620617	3	9.927	1454720	20.0
Naphthalene, 2,...	10.322	6.9	ng	503326	3	9.927	1454720	20.0
1H-Phenylene	10.380	7.7	ng	558837	3	9.927	1454720	20.0
1-Isopropenylna...	10.586	11.7	ng	853436	3	9.927	1454720	20.0
9H-Fluorene, 1-...	11.022	9.2	ng	598774	4	11.422	1297050	20.0
4H-Cyclopenta[d...	12.033	10.1	ng	653580	4	11.422	1297050	20.0
Cyclopentadecane	12.457	5.8	ng	378492	4	11.422	1297050	20.0