

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123863.D
 Acq On : 6 May 2021 19:41
 Operator : JU/CG
 Sample : M2303-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	561	565	574	rBV	2835522	2610234	32.31%	2.264%
2	5.957	653	658	662	rVB	329537	308030	3.81%	0.267%
3	6.251	705	708	711	rVB	336225	269888	3.34%	0.234%
4	6.428	735	738	744	rBV	2089981	2032168	25.15%	1.762%
5	6.475	744	746	754	rVB2	66399	96444	1.19%	0.084%
6	6.628	768	772	777	rVB2	87914	114367	1.42%	0.099%
7	6.734	787	790	791	rBV	94311	95644	1.18%	0.083%
8	6.745	791	792	796	rVB	275429	184442	2.28%	0.160%
9	6.792	796	800	803	rBV	1351298	1101538	13.63%	0.955%
10	6.975	820	831	834	rBV	2426473	2293695	28.39%	1.989%
11	7.045	839	843	845	rVB	416126	367065	4.54%	0.318%
12	7.116	851	855	857	rBV	409599	406945	5.04%	0.353%
13	7.134	857	858	863	rVB2	255678	196018	2.43%	0.170%
14	7.192	863	868	869	rBV4	89329	87460	1.08%	0.076%
15	7.228	869	874	877	rVV2	104806	133712	1.66%	0.116%
16	7.333	885	892	893	rBV2	1650017	1747681	21.63%	1.516%
17	7.363	893	897	903	rVV2	5017705	5567269	68.91%	4.828%
18	7.439	906	910	914	rVV3	313315	336079	4.16%	0.291%
19	7.486	914	918	925	rVV4	259462	489182	6.05%	0.424%
20	7.545	925	928	929	rVV2	178034	212618	2.63%	0.184%
21	7.563	929	931	935	rVB	1475818	1270425	15.72%	1.102%
22	7.645	942	945	946	rBV	95307	89437	1.11%	0.078%
23	7.686	949	952	953	rVV2	111413	97889	1.21%	0.085%
24	7.728	957	959	960	rVV	318273	232700	2.88%	0.202%
25	7.751	960	963	970	rVB	1521775	1459164	18.06%	1.265%
26	7.816	970	974	977	rBV2	4168873	3408736	42.19%	2.956%
27	7.851	978	980	983	rVB2	237124	214004	2.65%	0.186%
28	7.898	983	988	990	rBV6	168620	263817	3.27%	0.229%
29	7.945	994	996	1001	rBV2	208534	258390	3.20%	0.224%
30	8.016	1001	1008	1011	rBV5	532852	932395	11.54%	0.809%
31	8.075	1013	1018	1020	rVV2	2256366	2417553	29.92%	2.096%
32	8.098	1020	1022	1024	rVB2	943125	730403	9.04%	0.633%
33	8.128	1024	1027	1029	rVB	1003997	784324	9.71%	0.680%
34	8.169	1032	1034	1036	rVB	207241	123121	1.52%	0.107%
35	8.204	1036	1040	1043	rVB3	407549	480107	5.94%	0.416%
36	8.233	1043	1045	1047	rBV	235867	226983	2.81%	0.197%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123863.D
 Acq On : 6 May 2021 19:41
 Operator : JU/CG
 Sample : M2303-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

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-BF042721.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.275	1049	1052	1054	rBV	525311	413994	5.12%	0.359%
38	8.322	1057	1060	1064	rBV4	713454	833052	10.31%	0.722%
39	8.357	1064	1066	1072	rVB2	1096417	1127407	13.95%	0.978%
40	8.404	1072	1074	1076	rVB	142869	110954	1.37%	0.096%
41	8.463	1076	1084	1087	rBV2	1754993	2288221	28.32%	1.984%
42	8.498	1087	1090	1092	rBV3	277592	288060	3.57%	0.250%
43	8.551	1095	1099	1102	rBV2	2004587	1842400	22.80%	1.598%
44	8.586	1102	1105	1110	rVB4	950777	1329061	16.45%	1.153%
45	8.645	1110	1115	1117	rBV3	722867	1011517	12.52%	0.877%
46	8.669	1117	1119	1123	rVB2	1089222	1087658	13.46%	0.943%
47	8.710	1123	1126	1128	rBV3	342889	416631	5.16%	0.361%
48	8.745	1128	1132	1135	rBV3	1197103	1270866	15.73%	1.102%
49	8.775	1135	1137	1139	rVB2	217610	154108	1.91%	0.134%
50	8.798	1139	1141	1142	rBV2	231501	195493	2.42%	0.170%
51	8.845	1146	1149	1151	rVB2	470871	442581	5.48%	0.384%
52	8.898	1151	1158	1161	rBV	7736513	8079228	100.00%	7.006%
53	8.922	1161	1162	1164	rVB	560133	304191	3.77%	0.264%
54	8.951	1164	1167	1169	rBV3	224397	265434	3.29%	0.230%
55	8.986	1169	1173	1178	rBV5	882595	1404088	17.38%	1.218%
56	9.028	1178	1180	1184	rVB2	834560	673307	8.33%	0.584%
57	9.080	1184	1189	1193	rBV4	812820	1307472	16.18%	1.134%
58	9.122	1193	1196	1198	rBV2	469327	528764	6.54%	0.459%
59	9.157	1198	1202	1208	rVB	6690086	6291590	77.87%	5.456%
60	9.204	1208	1210	1217	rVB6	274032	411127	5.09%	0.357%
61	9.263	1217	1220	1221	rBV2	393754	364854	4.52%	0.316%
62	9.304	1224	1227	1229	rBV2	642784	754399	9.34%	0.654%
63	9.363	1235	1237	1243	rVB3	979355	1084255	13.42%	0.940%
64	9.422	1243	1247	1250	rVB	2312569	3242735	40.14%	2.812%
65	9.463	1250	1254	1256	rBV3	891140	1305693	16.16%	1.132%
66	9.498	1256	1260	1262	rVV	4343340	4804971	59.47%	4.167%
67	9.522	1262	1264	1269	rVB2	2428824	2322668	28.75%	2.014%
68	9.616	1277	1280	1281	rBV	1721935	1349566	16.70%	1.170%
69	9.698	1290	1294	1298	rBV	1672800	2061567	25.52%	1.788%
70	9.739	1298	1301	1304	rVV4	445158	715164	8.85%	0.620%
71	9.810	1308	1313	1314	rBV3	542361	823241	10.19%	0.714%
72	9.833	1314	1317	1321	rVV	1710405	1836984	22.74%	1.593%
73	9.869	1321	1323	1326	rVB2	970177	810267	10.03%	0.703%
74	9.898	1326	1328	1331	rVB2	778422	709722	8.78%	0.615%
75	9.933	1331	1334	1337	rBV3	537914	718598	8.89%	0.623%
76	10.039	1350	1352	1355	rVB	1082783	873438	10.81%	0.757%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123863.D
 Acq On : 6 May 2021 19:41
 Operator : JU/CG
 Sample : M2303-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.151	1367	1371	1374	rBV3	1088635	1605228	19.87%	1.392%
78	10.186	1374	1377	1381	rVV3	1369881	1799114	22.27%	1.560%
79	10.233	1383	1385	1389	rVB3	1044456	1164150	14.41%	1.010%
80	10.333	1400	1402	1406	rBV4	414242	369656	4.58%	0.321%
81	10.386	1408	1411	1417	rVB3	978071	1211056	14.99%	1.050%
82	10.451	1417	1422	1424	rBV2	2131121	2614025	32.35%	2.267%
83	10.633	1449	1453	1456	rBV	5332725	5050891	62.52%	4.380%
84	10.704	1462	1465	1468	rVB3	564639	605955	7.50%	0.525%
85	10.786	1476	1479	1483	rVB4	602022	772108	9.56%	0.670%
86	10.963	1507	1509	1512	rBV2	586800	498599	6.17%	0.432%
87	11.304	1565	1567	1568	rBV2	342778	273892	3.39%	0.238%
88	11.327	1568	1571	1573	rVV	1899630	1623864	20.10%	1.408%
89	11.351	1573	1575	1578	rVB2	612572	532686	6.59%	0.462%
90	11.880	1663	1665	1668	rVB	956876	812037	10.05%	0.704%
91	12.657	1795	1797	1804	rVB	433441	436708	5.41%	0.379%
92	12.921	1837	1842	1845	rBV	5324873	5092264	63.03%	4.416%
93	13.827	1993	1996	2007	rVB	815582	938037	11.61%	0.813%
94	13.968	2017	2020	2024	rVB	1266684	1188206	14.71%	1.030%
95	15.427	2263	2268	2277	rVB2	1003306	1234383	15.28%	1.070%

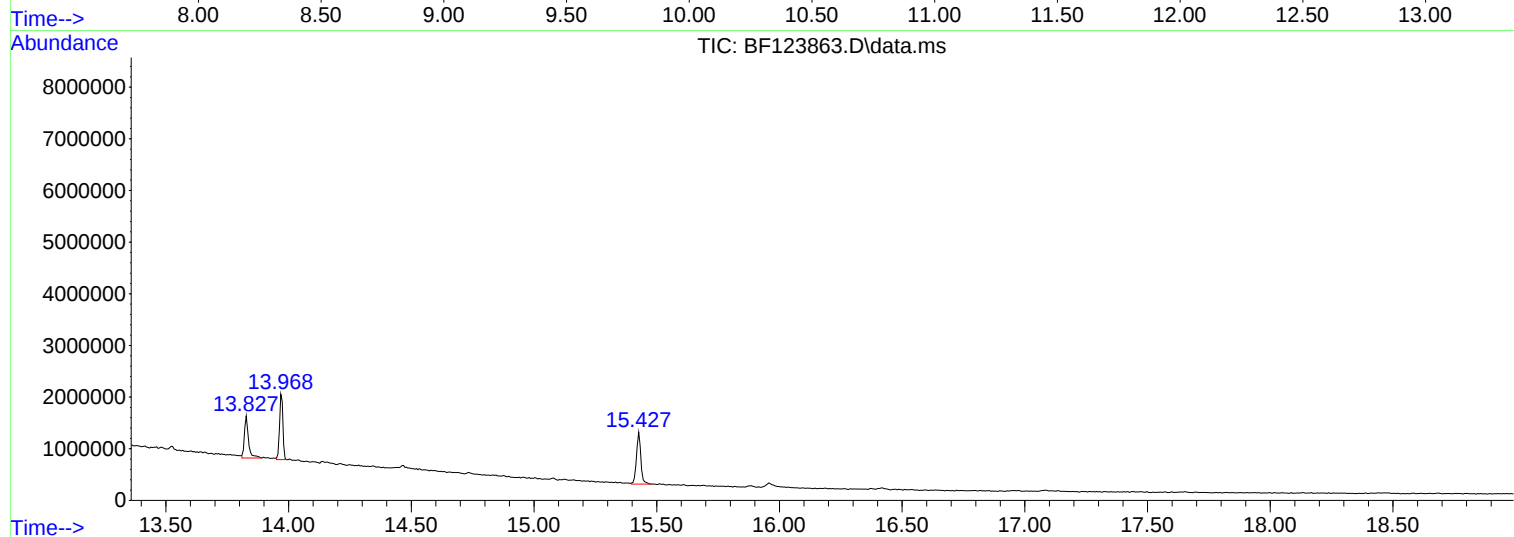
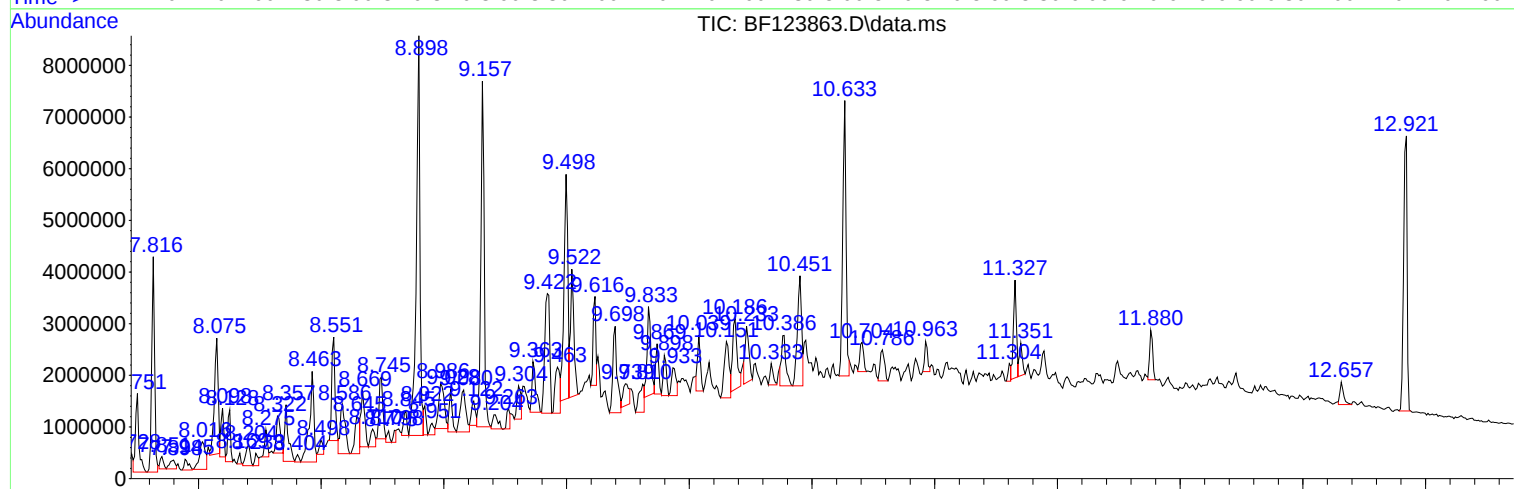
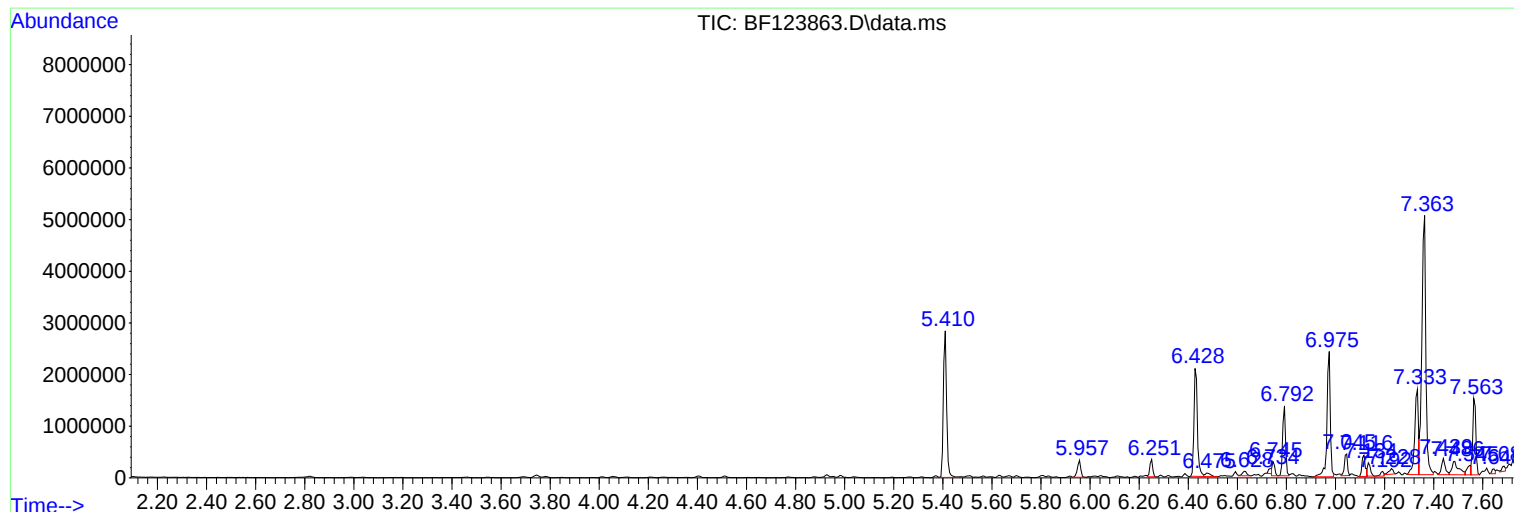
Sum of corrected areas: 115318112

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

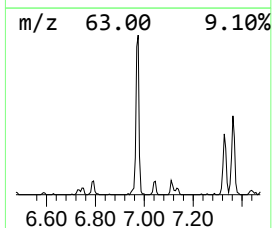
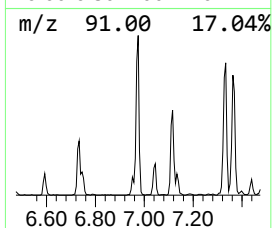
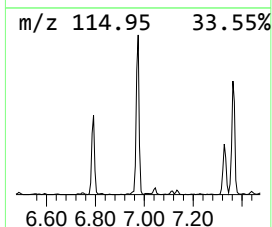
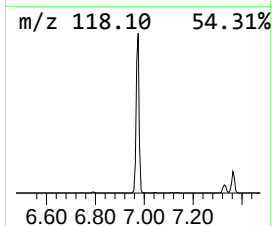
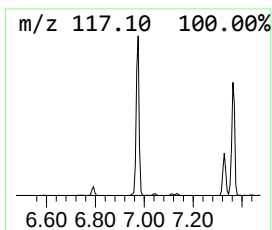
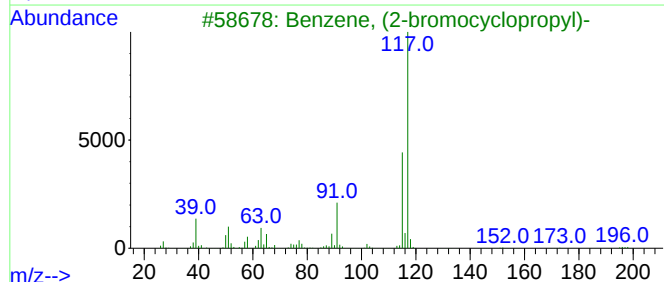
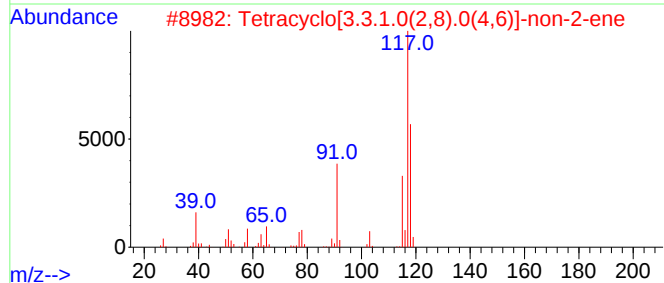
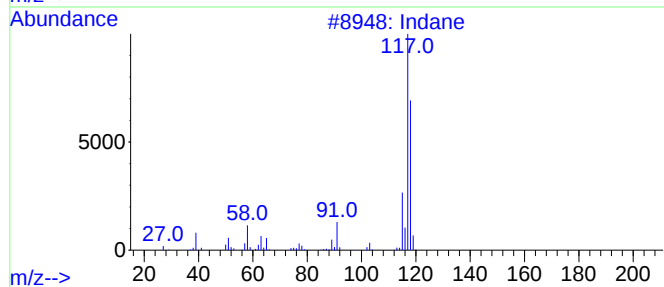
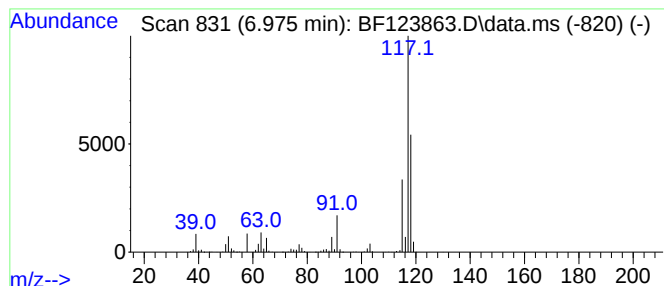
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	41.65 ng	2293700	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	94
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

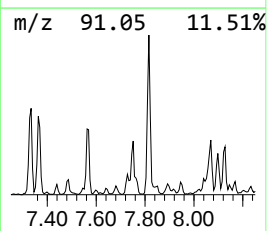
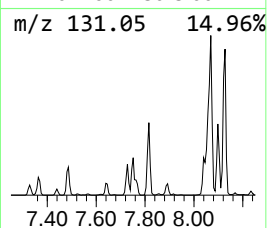
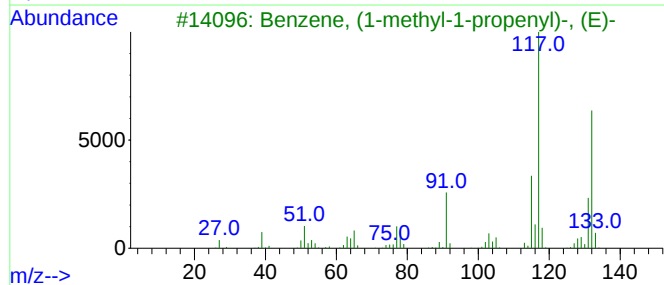
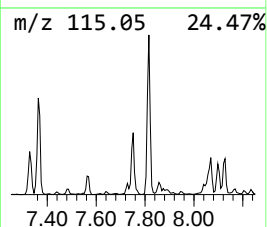
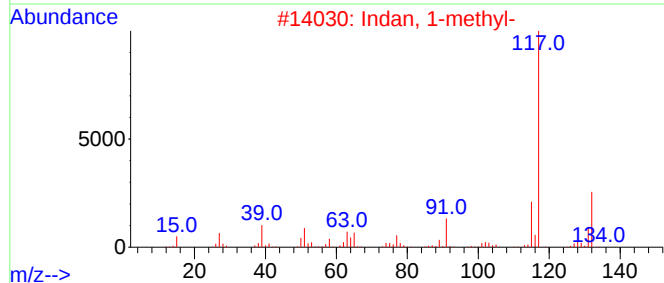
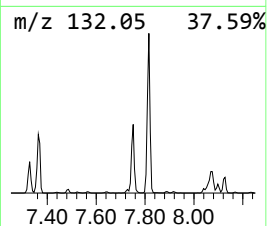
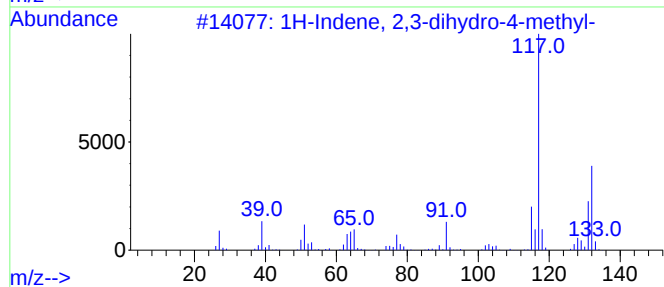
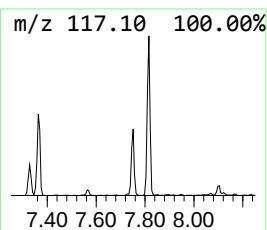
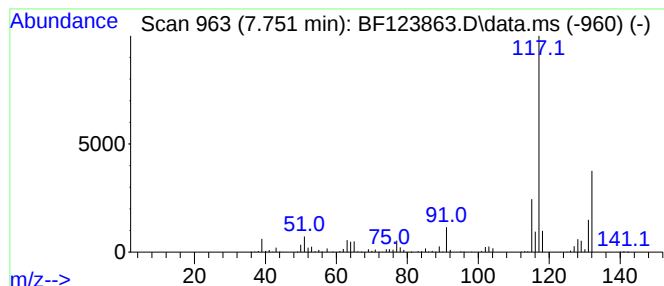
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	12.07 ng	1459160	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-			132	C10H12	000824-22-6	90
2	Indan, 1-methyl-			132	C10H12	000767-58-8	90
3	Benzene, (1-methyl-1-propenyl)-,...			132	C10H12	000768-00-3	87
4	1H-Indene, 2,3-dihydro-2-methyl-			132	C10H12	000824-63-5	87
5	Benzene, 2-butenyl-			132	C10H12	001560-06-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

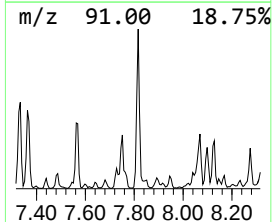
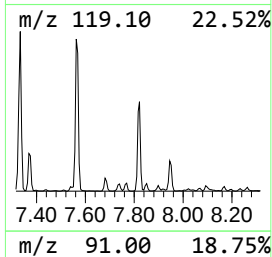
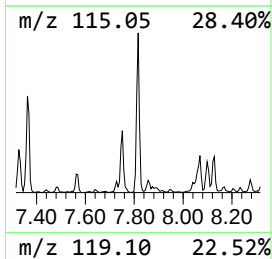
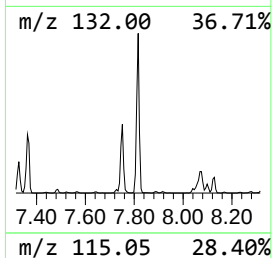
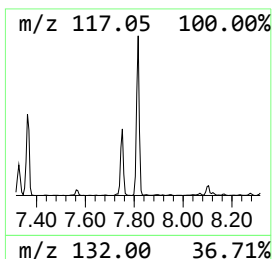
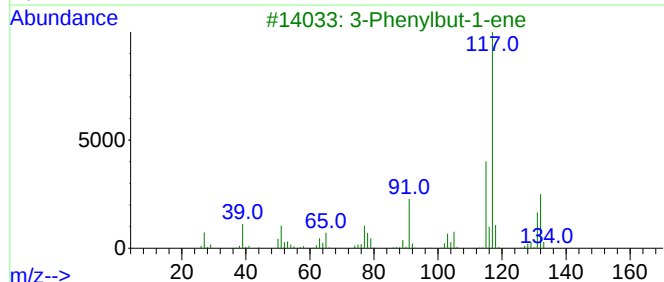
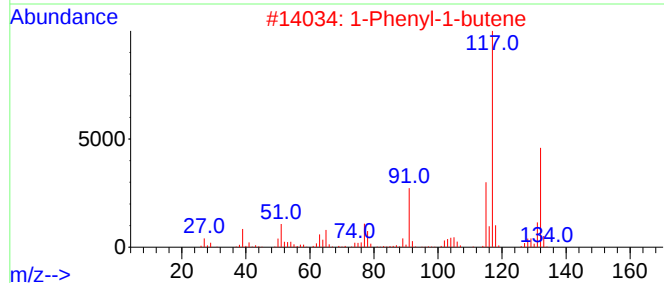
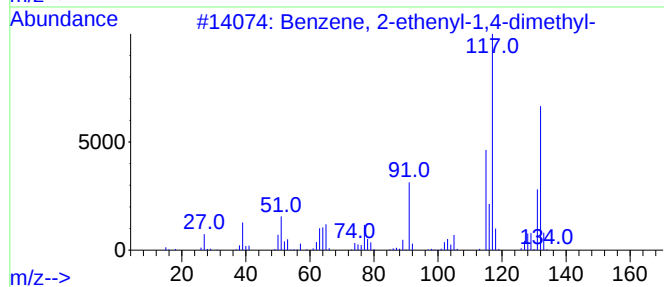
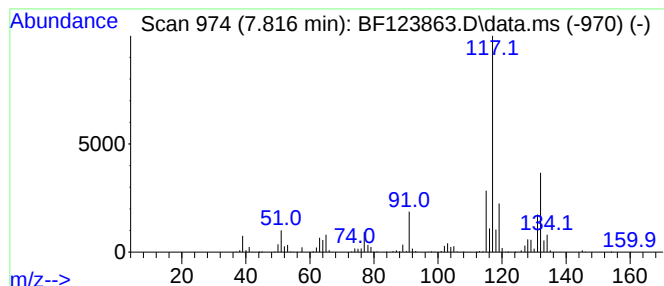
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	28.20 ng	3408740	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

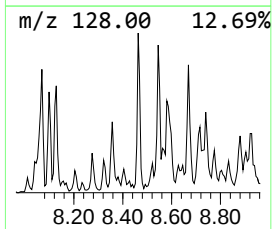
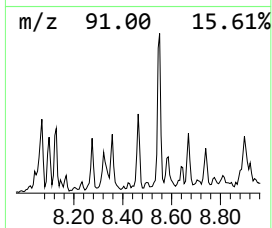
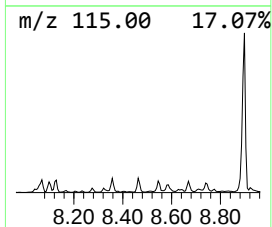
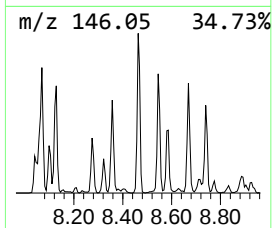
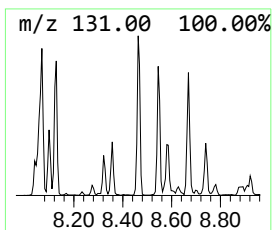
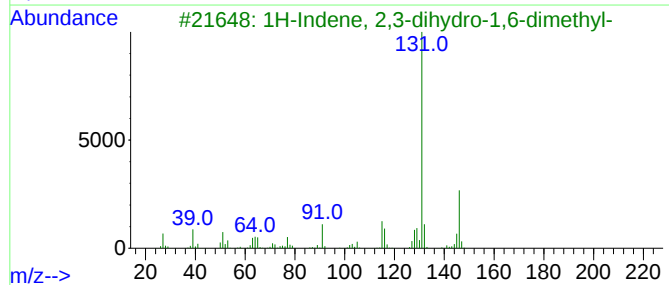
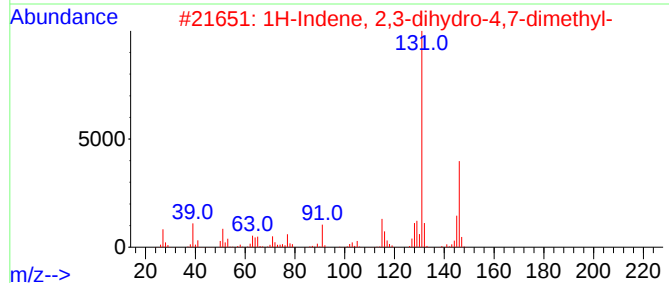
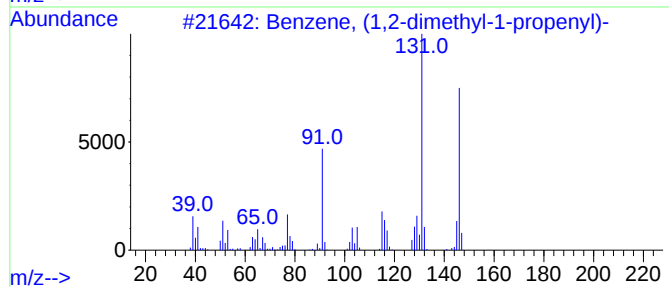
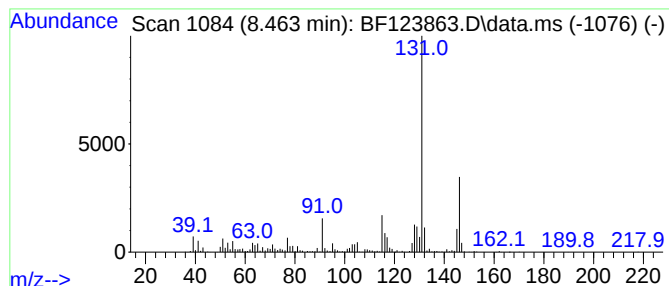
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	18.93 ng	2288220	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	94
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

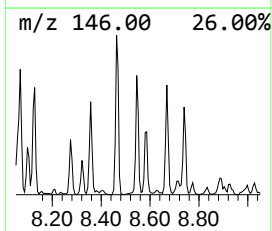
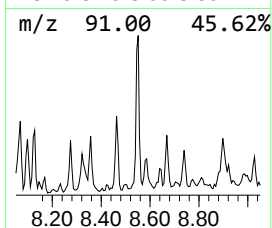
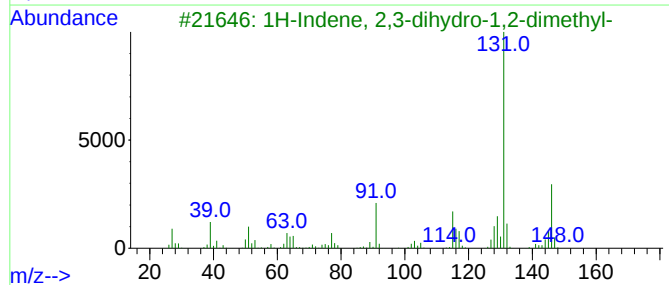
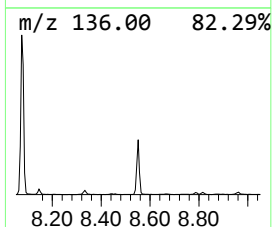
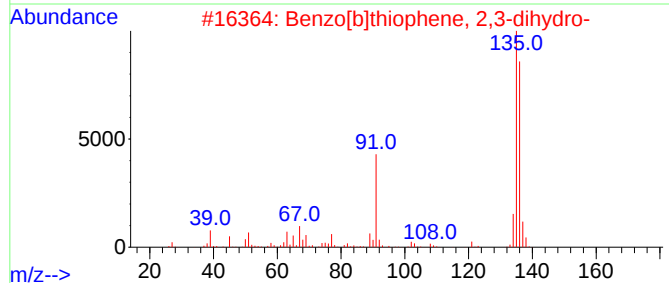
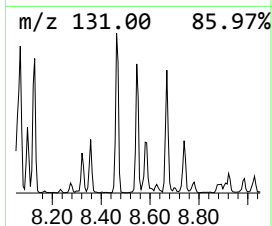
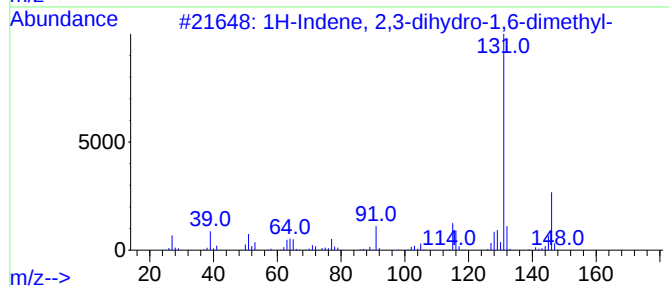
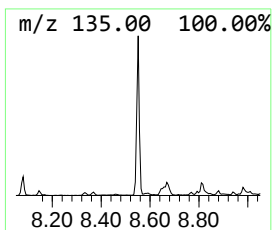
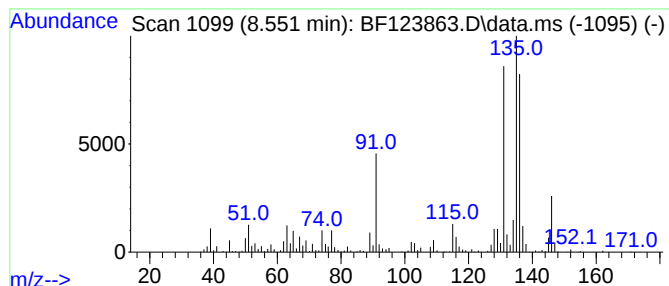
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	15.24 ng	1842400	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
2			Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	60
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	59
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	56
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

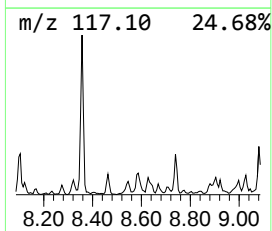
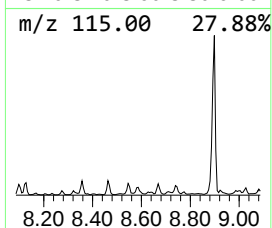
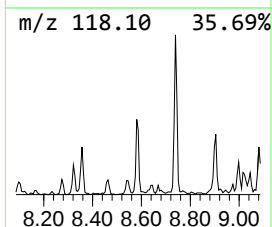
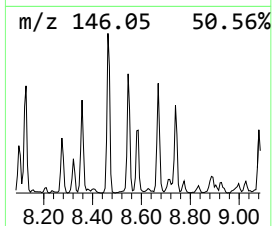
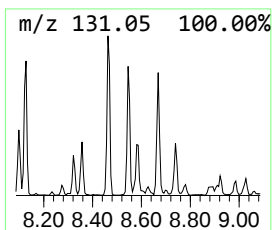
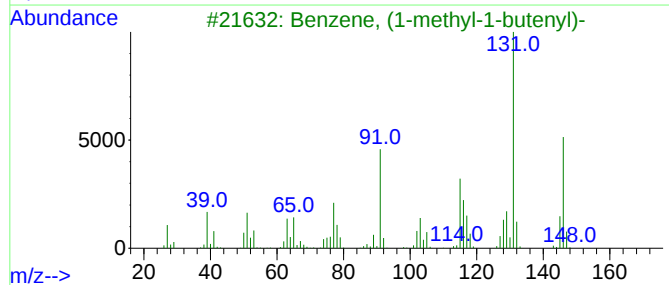
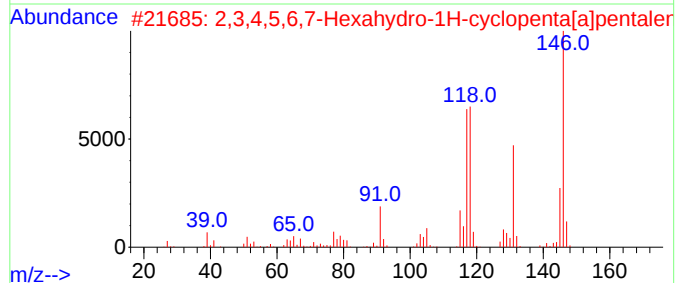
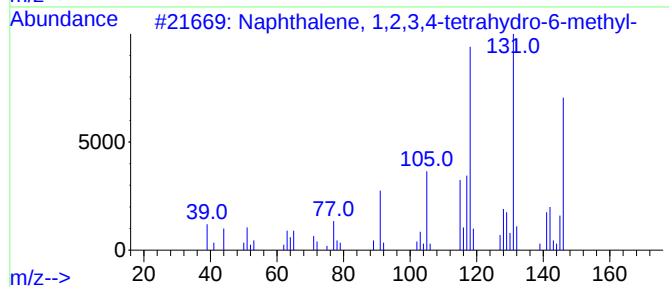
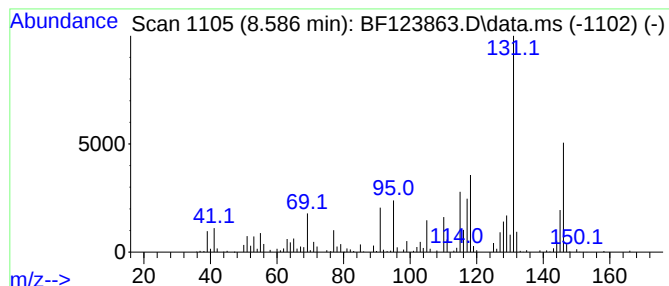
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.586	11.00 ng	1329060	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

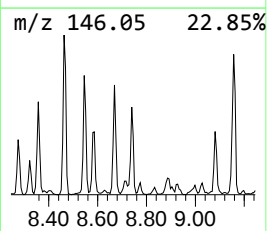
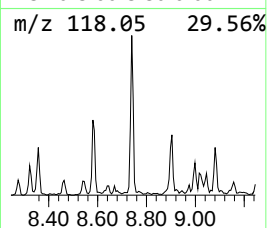
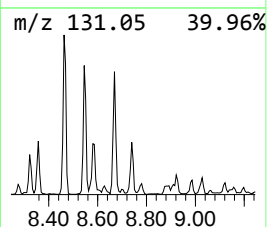
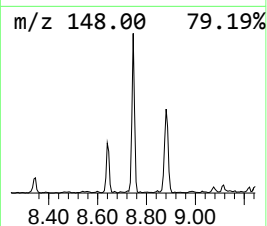
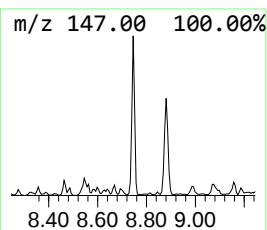
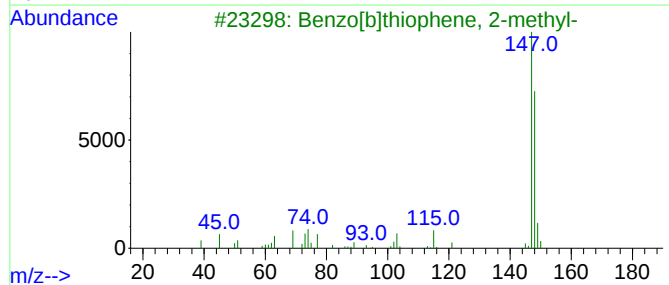
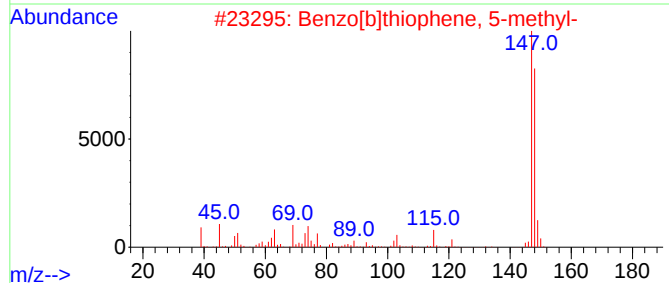
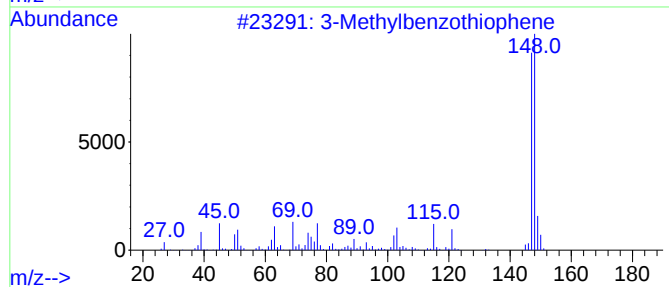
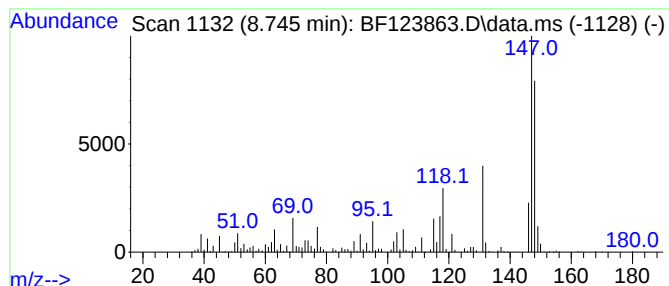
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Methylbenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	10.51 ng	1270870	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
2			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	64
3			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64
4			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	64
5			Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

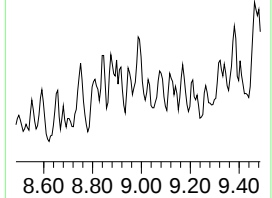
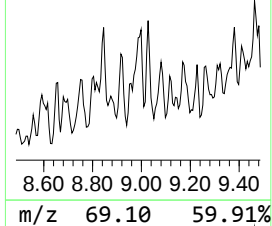
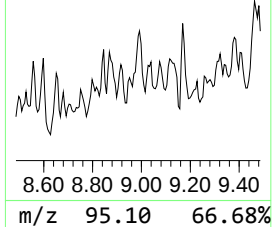
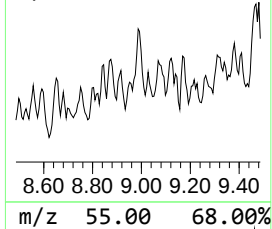
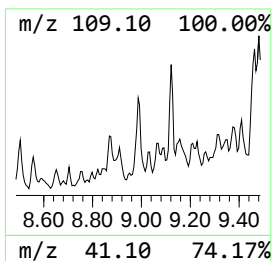
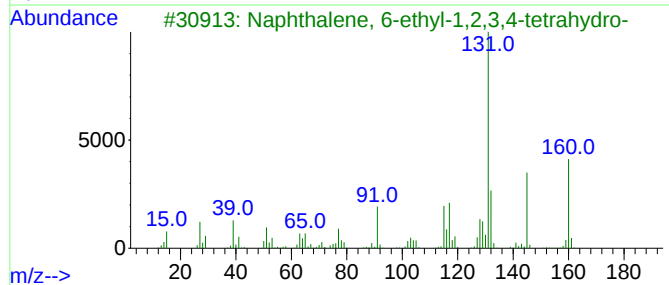
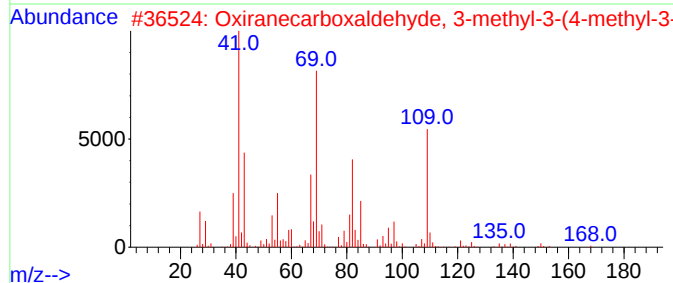
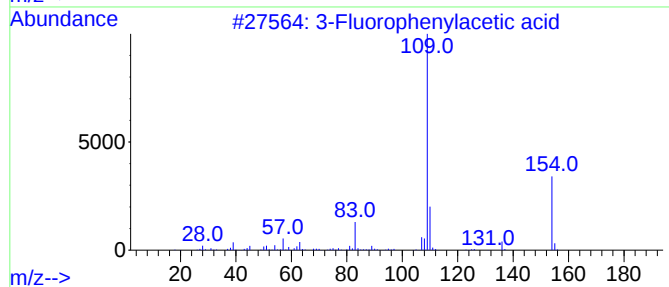
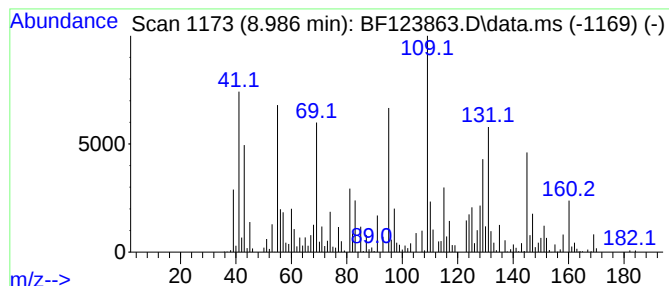
Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown8.986 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.986	15.29 ng	1404090	Acenaphthene-d10	9.833	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorophenylacetic acid	154	C8H7FO2	000331-25-9	14
2	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	12
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	11
4	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	11
5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

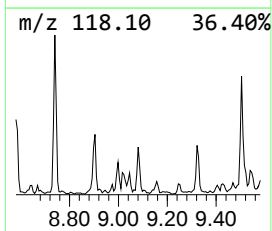
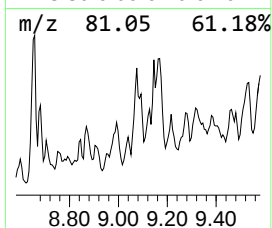
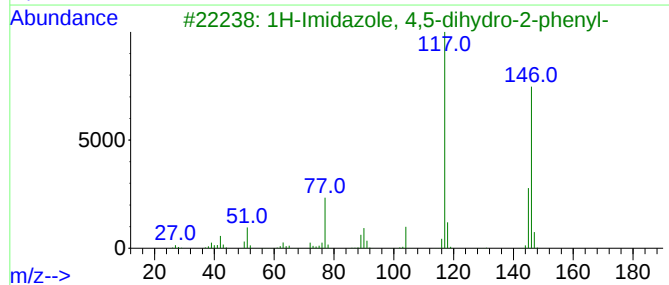
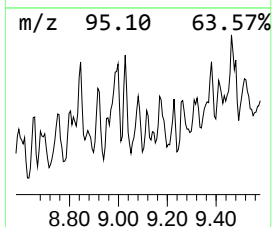
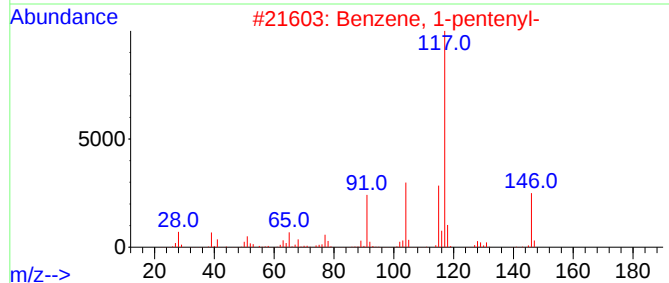
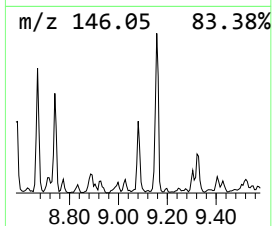
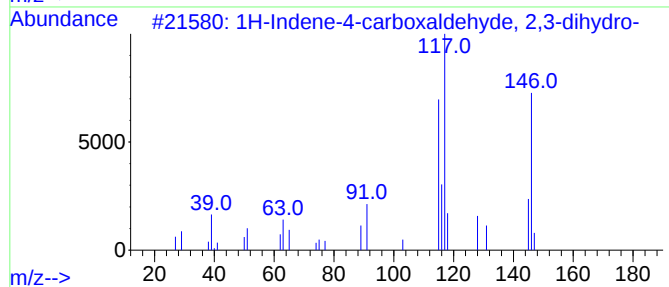
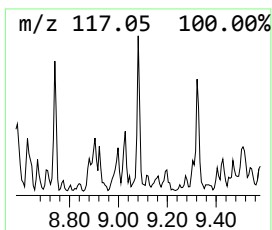
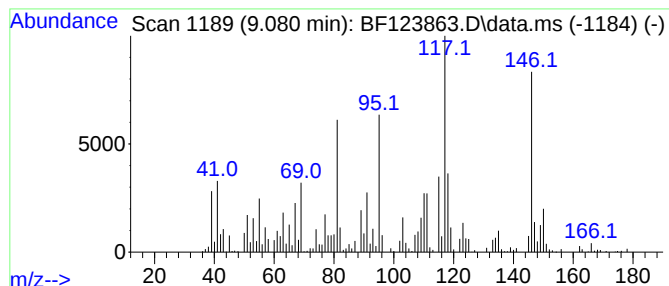
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.080 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	14.23 ng	1307470	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	47
2			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	46
3			1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	46
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	35
5			Aziridine, 1,2-dimethyl-3-phenyl...	147	C10H13N	000936-43-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

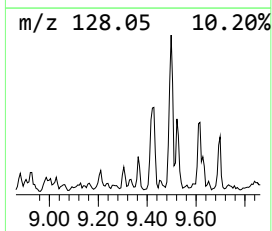
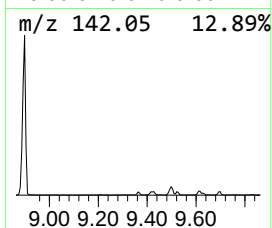
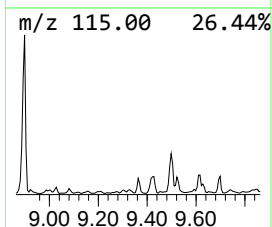
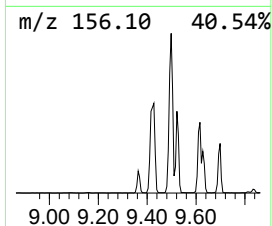
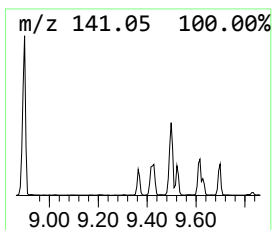
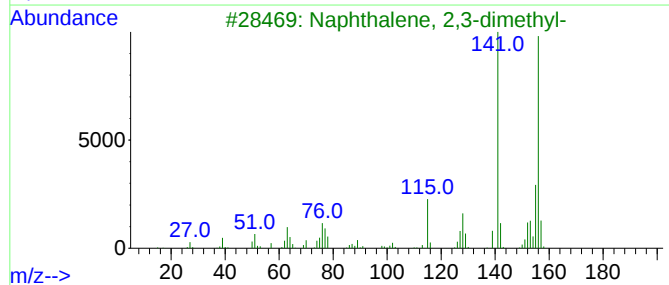
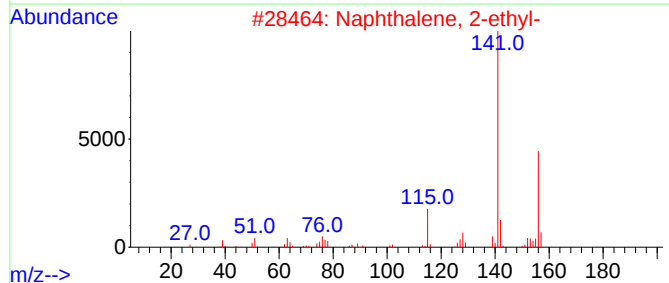
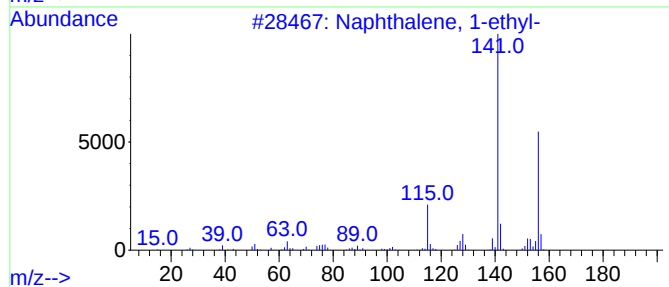
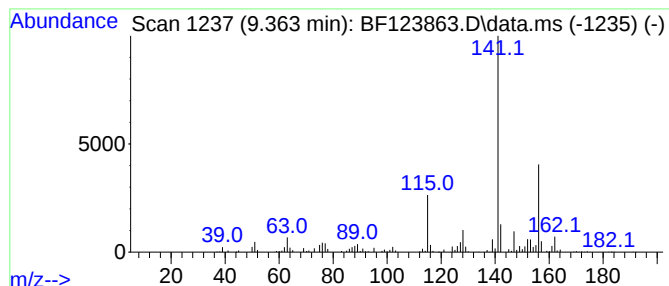
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	11.80 ng	1084260	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4			Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	53
5			2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

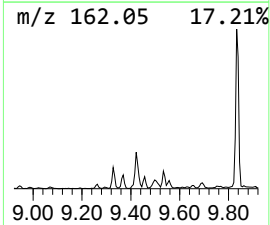
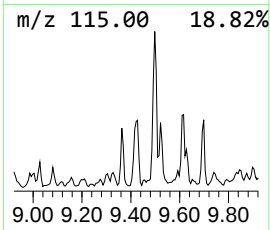
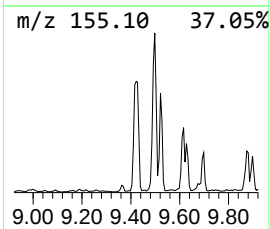
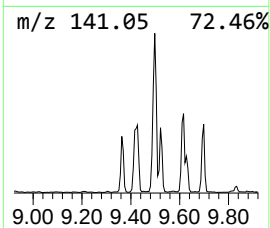
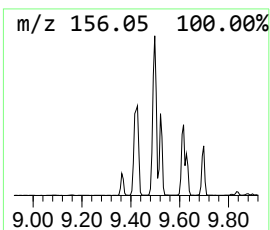
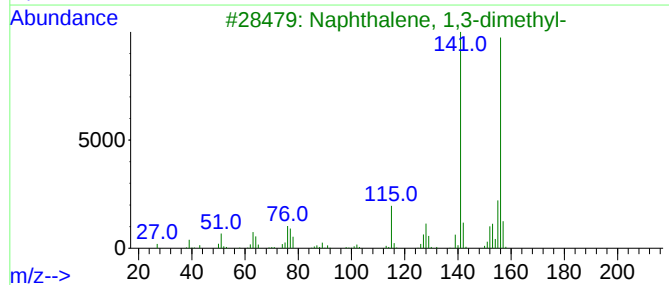
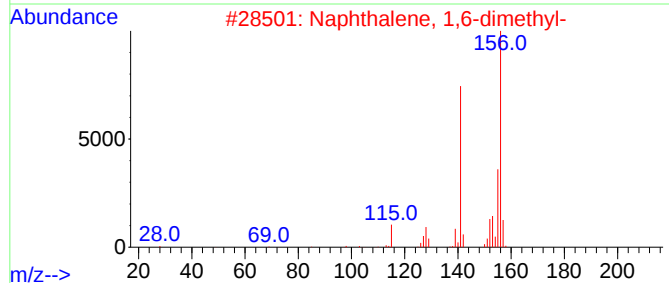
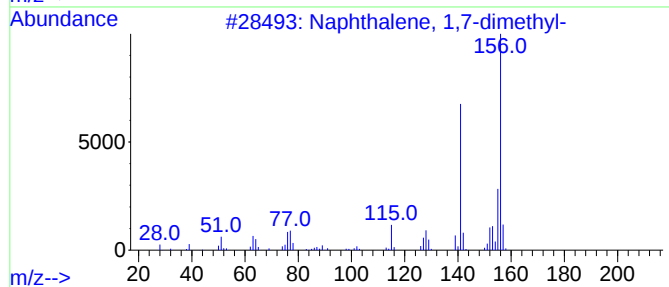
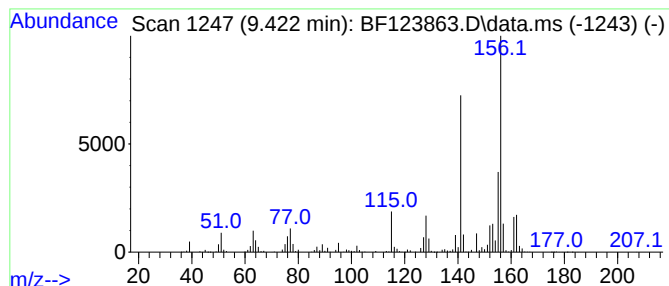
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
9.422	35.31 ng	3242740	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

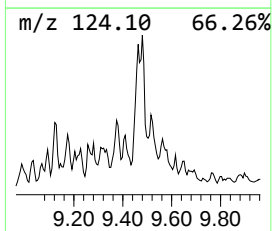
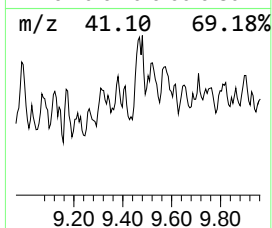
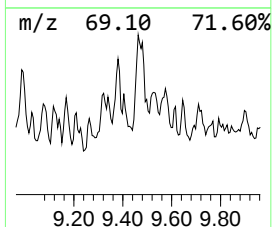
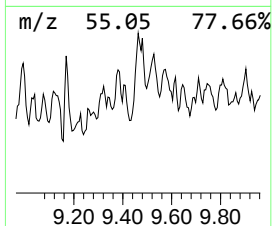
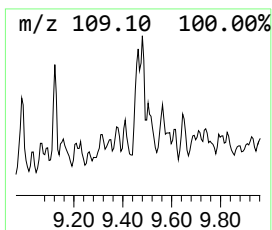
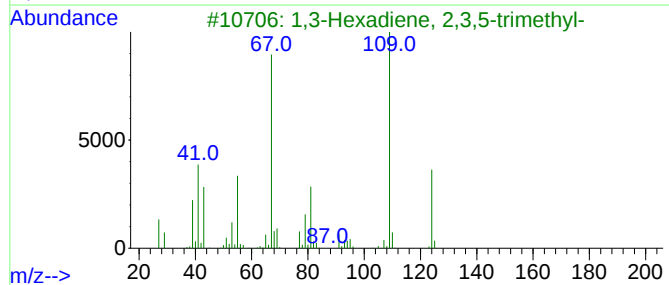
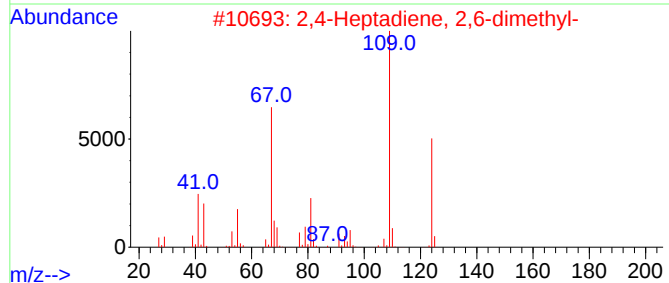
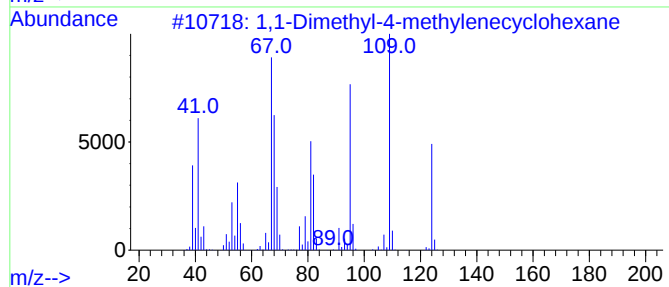
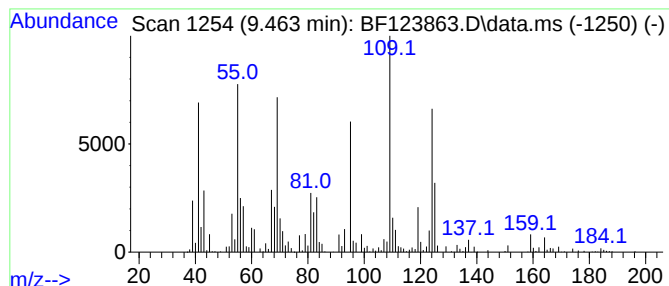
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1-Dimethyl-4-methylenecyc... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	14.22 ng	1305690	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	50		
2	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	43		
3	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	38		
4	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	38		
5	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

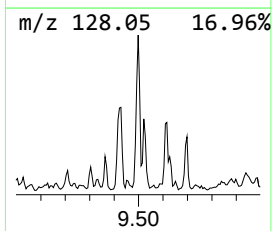
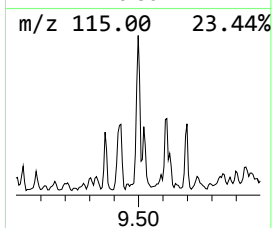
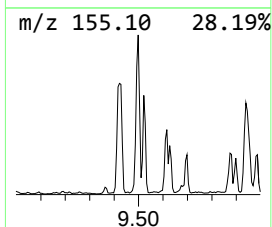
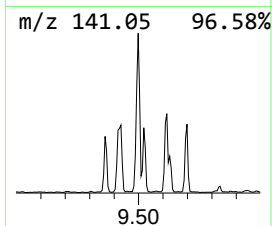
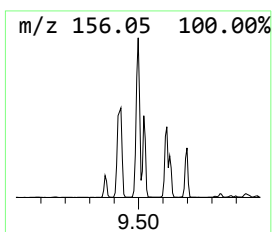
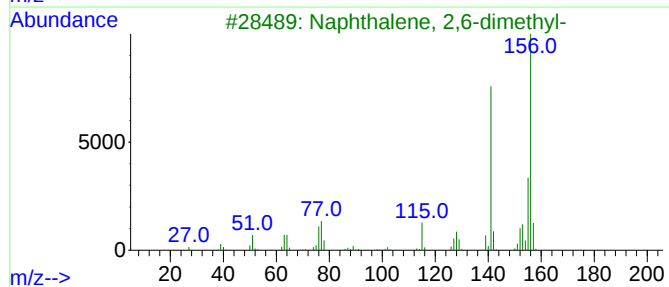
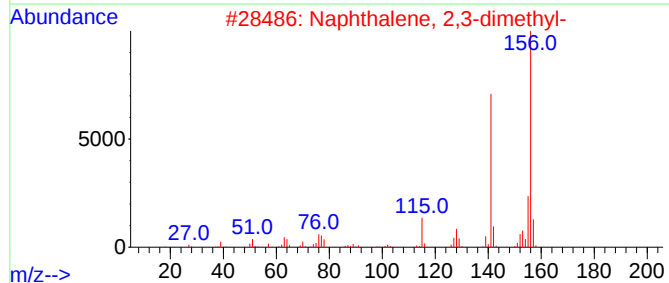
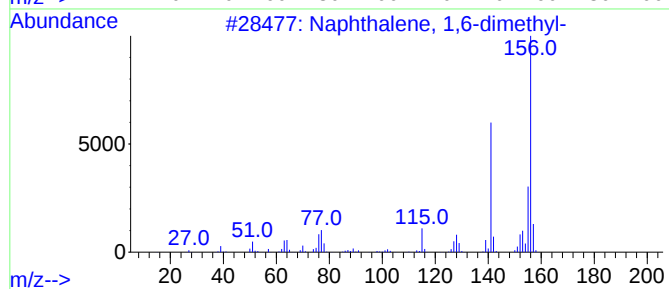
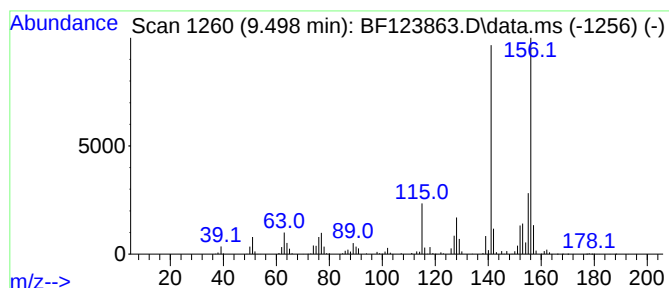
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	52.31 ng	4804970	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

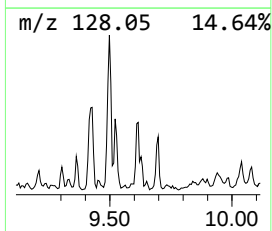
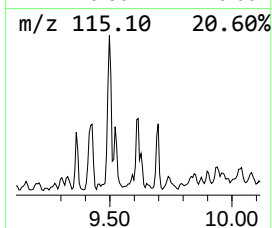
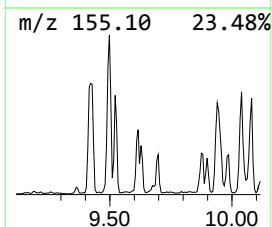
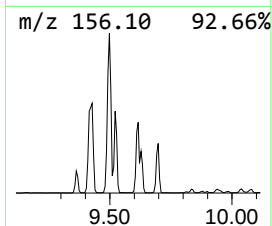
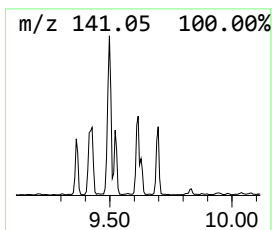
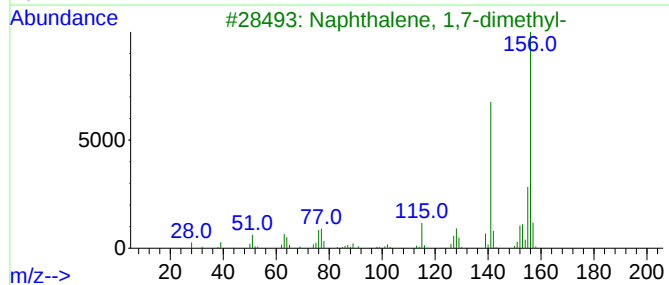
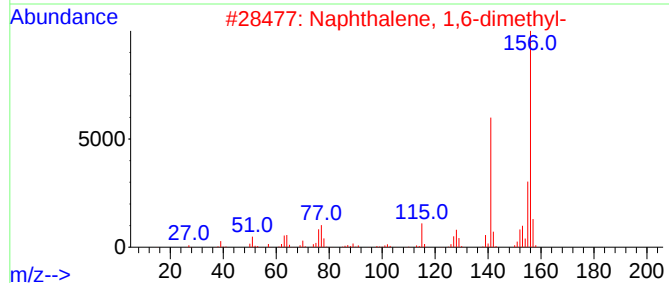
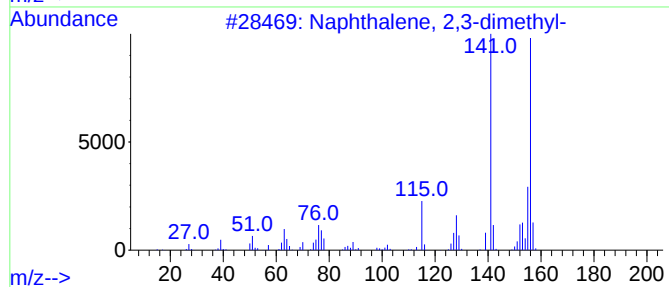
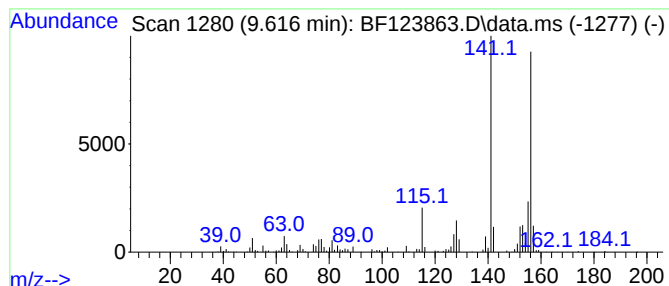
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	14.69 ng	1349570	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

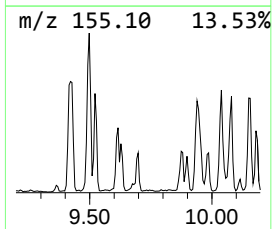
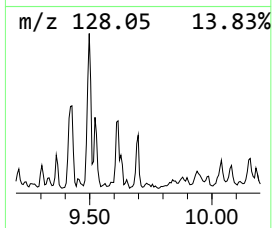
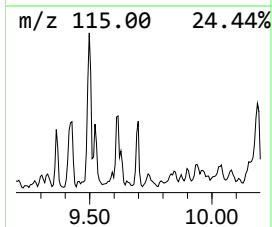
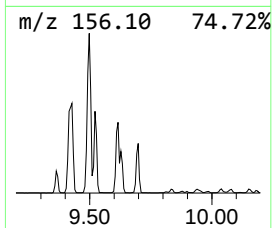
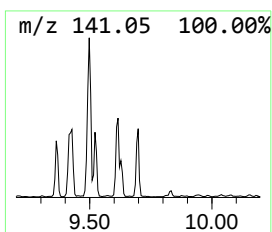
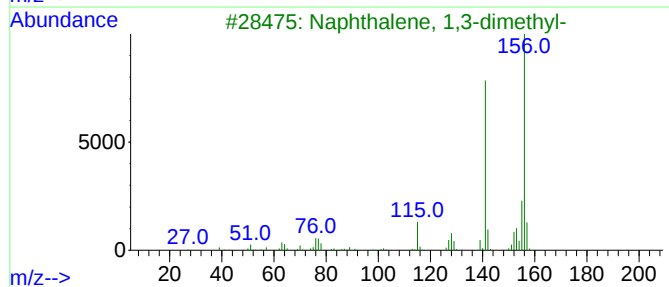
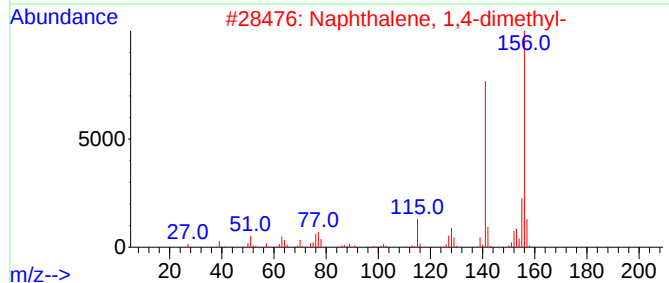
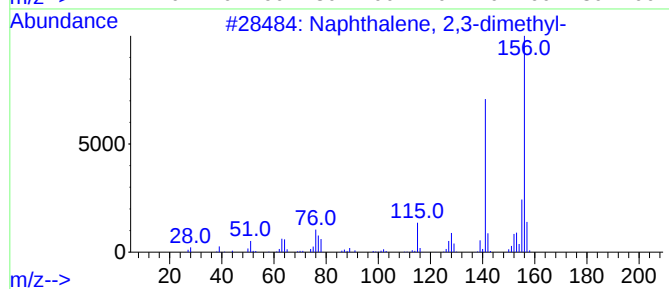
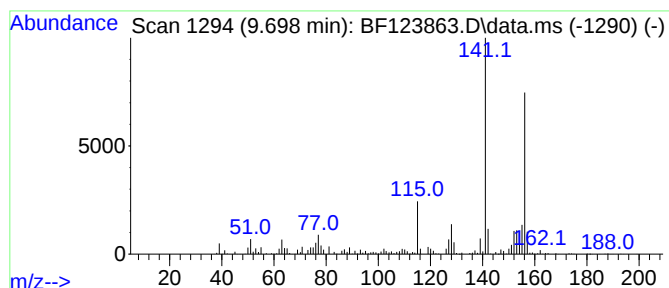
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	22.45 ng	2061570	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
5			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

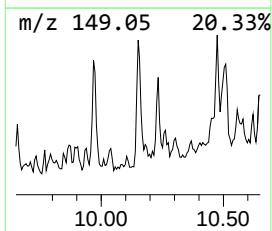
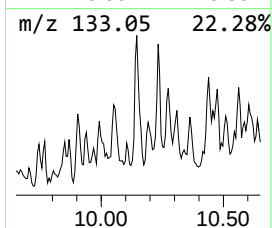
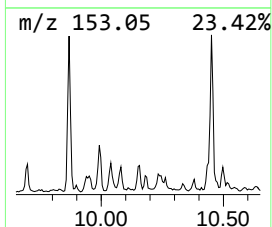
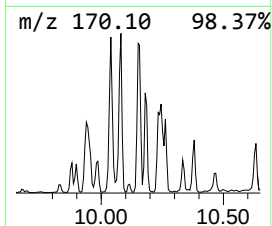
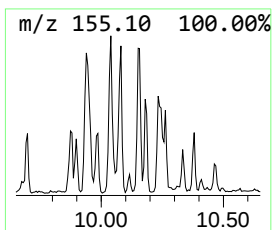
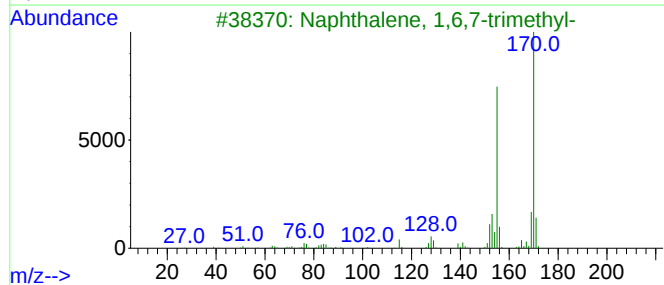
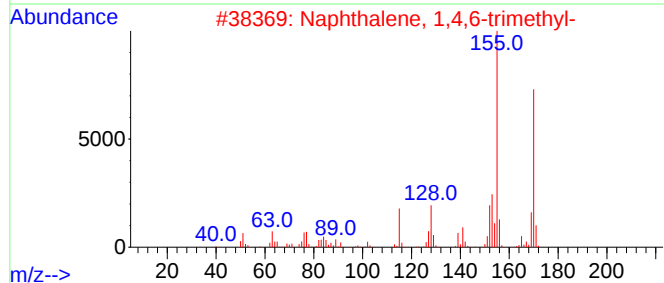
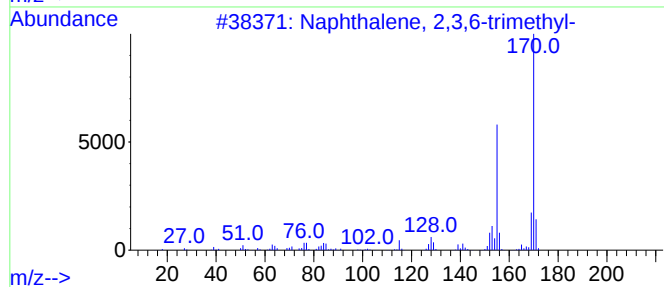
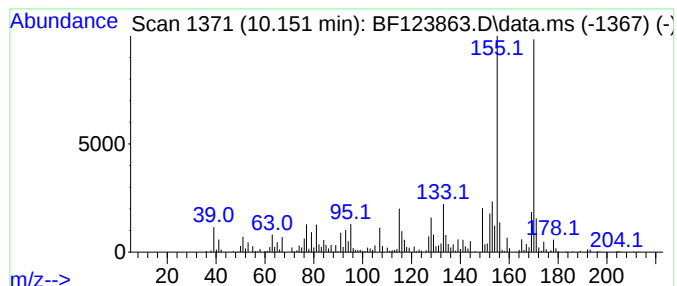
Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.151	17.48 ng	1605230	Acenaphthene-d10	9.833	
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	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

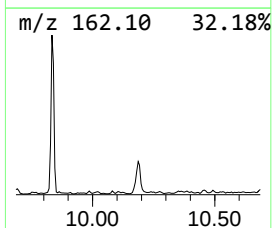
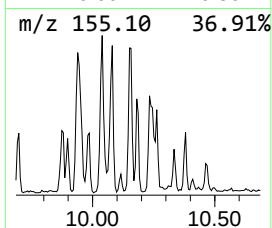
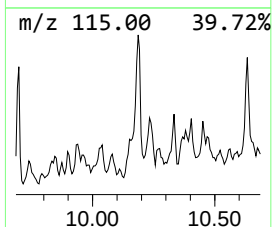
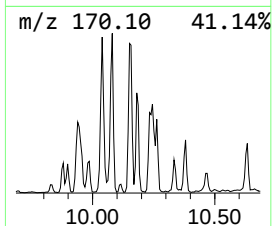
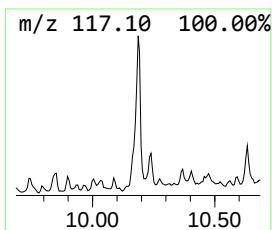
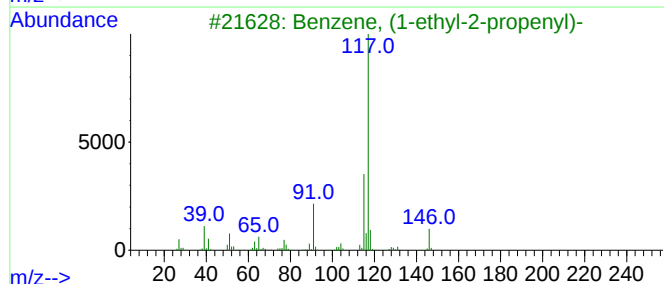
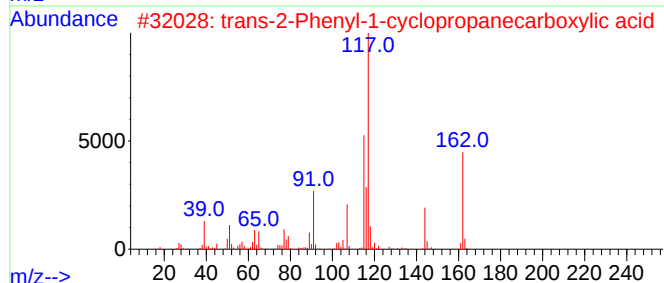
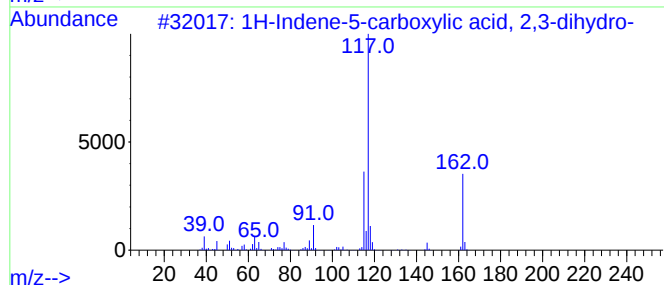
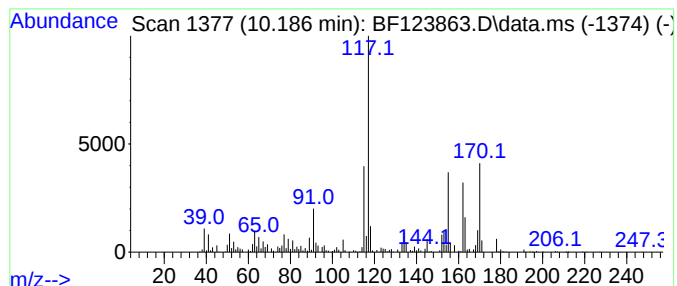
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene-5-carboxylic acid... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	19.59 ng	1799110	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	55
2			trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	49
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	38
4			Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	38
5			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

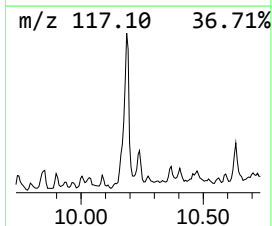
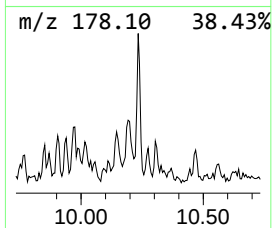
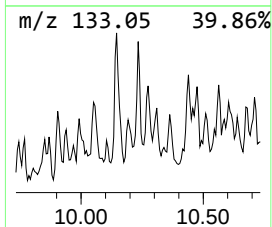
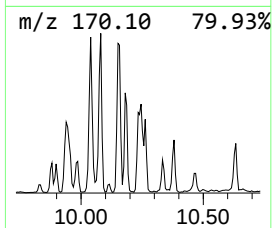
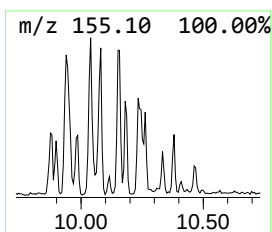
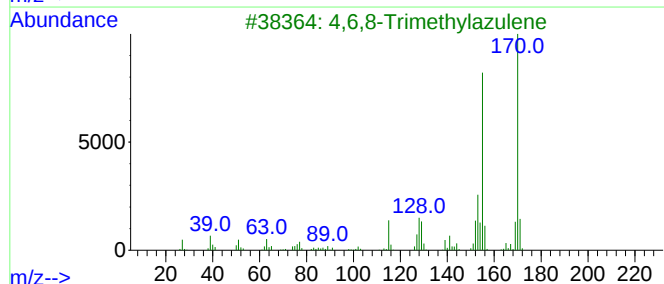
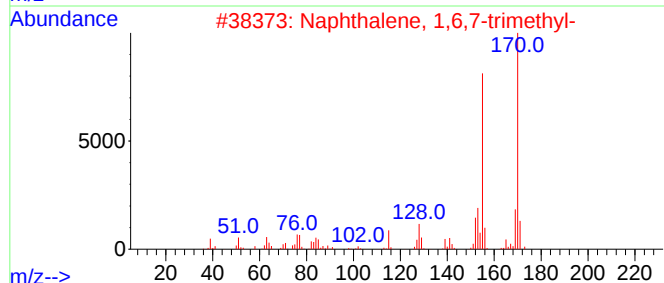
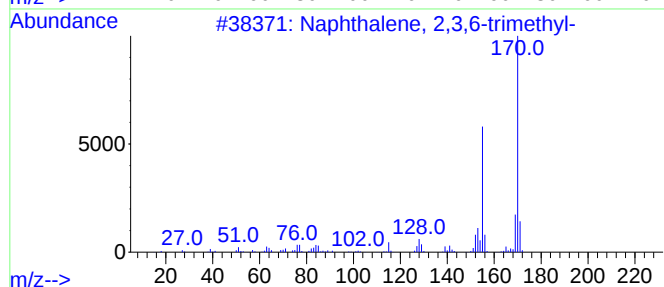
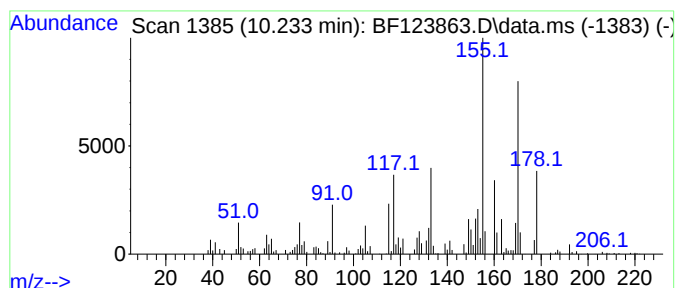
Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.233	12.67 ng	1164150	Acenaphthene-d10	9.833	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	53
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

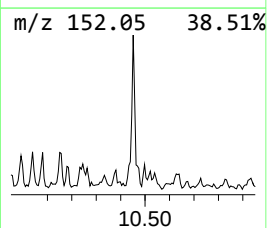
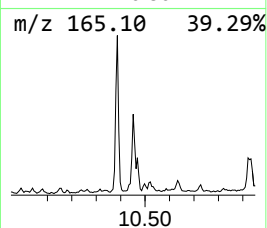
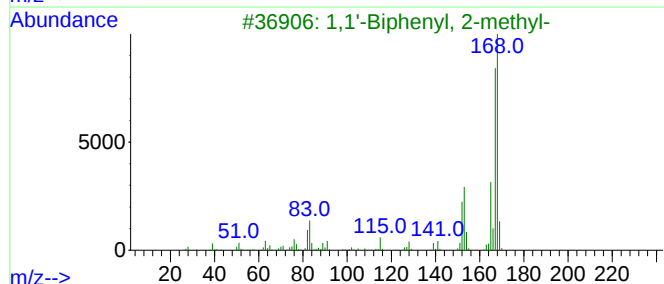
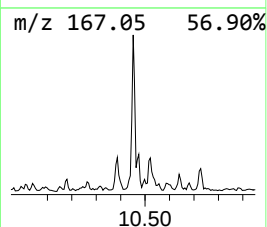
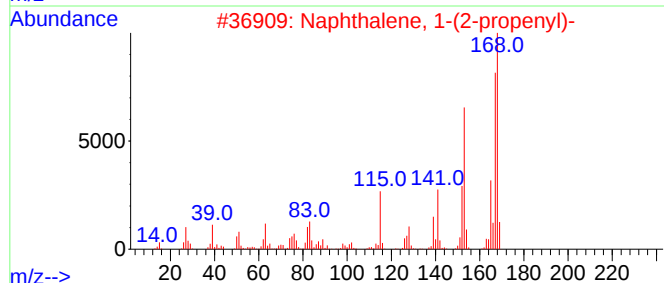
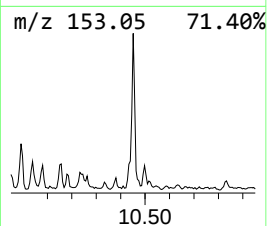
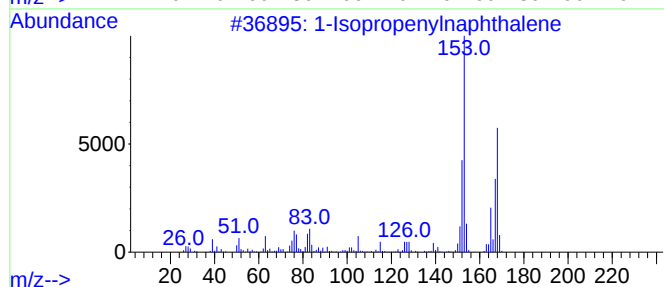
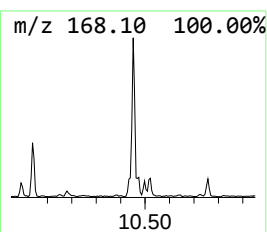
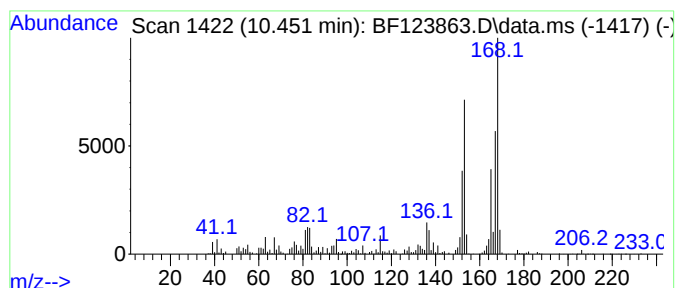
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	28.46 ng	2614030	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	62
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
4			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	58
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123863.D
Acq On : 6 May 2021 19:41
Operator : JU/CG
Sample : M2303-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

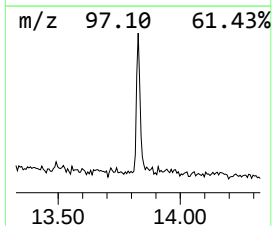
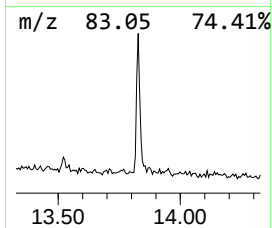
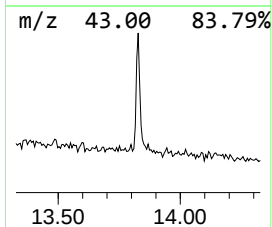
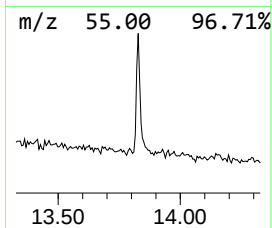
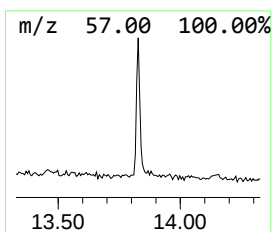
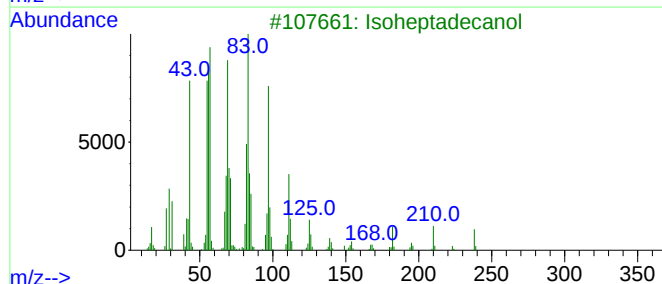
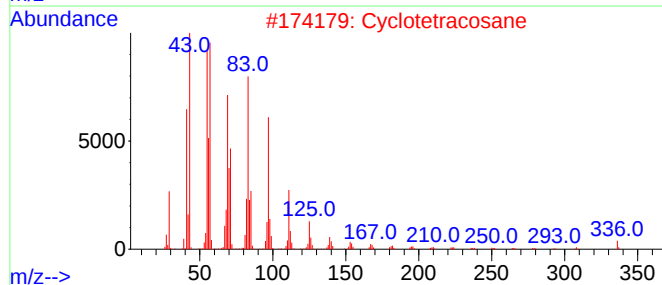
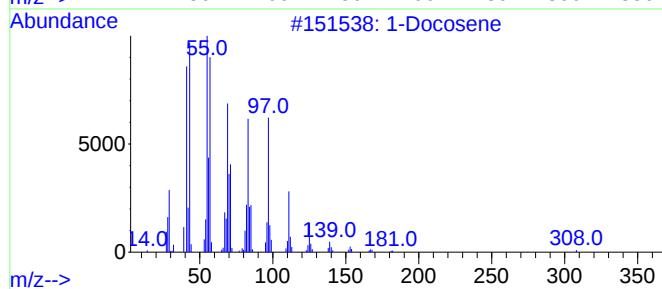
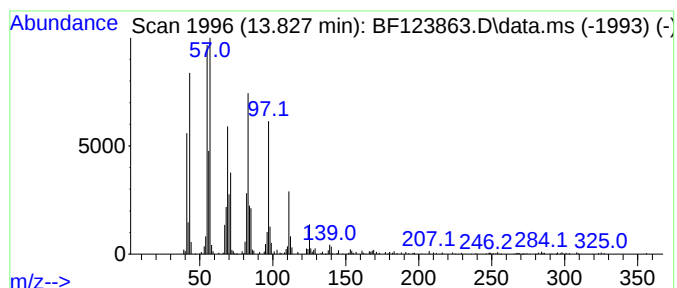
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	15.79 ng	938037	Chrysene-d12	13.968

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	97
2	Cyclotetracosane		336	C24H48	000297-03-0	94
3	Isoheptadecanol		256	C17H36O	057289-07-3	91
4	1-Octadecanol		270	C18H38O	000112-92-5	91
5	5-Eicosene, (E)-		280	C20H40	074685-30-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123863.D
 Acq On : 6 May 2021 19:41
 Operator : JU/CG
 Sample : M2303-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	6.975	41.6	ng	2293700	1	6.792	1101540	20.0
1H-Indene, 2,3-...	7.751	12.1	ng	1459160	2	8.075	2417550	20.0
Benzene, 2-ethe...	7.816	28.2	ng	3408740	2	8.075	2417550	20.0
Benzene, (1,2-d...	8.463	18.9	ng	2288220	2	8.075	2417550	20.0
1H-Indene, 2,3-...	8.551	15.2	ng	1842400	2	8.075	2417550	20.0
Naphthalene, 1,...	8.586	11.0	ng	1329060	2	8.075	2417550	20.0
3-Methylbenzoth...	8.745	10.5	ng	1270870	2	8.075	2417550	20.0
unknown8.986	8.986	15.3	ng	1404090	3	9.833	1836980	20.0
unknown9.080	9.080	14.2	ng	1307470	3	9.833	1836980	20.0
Naphthalene, 1-...	9.363	11.8	ng	1084260	3	9.833	1836980	20.0
Naphthalene, 1,...	9.422	35.3	ng	3242740	3	9.833	1836980	20.0
1,1-Dimethyl-4-...	9.463	14.2	ng	1305690	3	9.833	1836980	20.0
Naphthalene, 1,...	9.498	52.3	ng	4804970	3	9.833	1836980	20.0
Naphthalene, 2,...	9.616	14.7	ng	1349570	3	9.833	1836980	20.0
Naphthalene, 1,...	9.698	22.4	ng	2061570	3	9.833	1836980	20.0
Naphthalene, 2,...	10.151	17.5	ng	1605230	3	9.833	1836980	20.0
1H-Indene-5-car...	10.186	19.6	ng	1799110	3	9.833	1836980	20.0
Naphthalene, 1,...	10.233	12.7	ng	1164150	3	9.833	1836980	20.0
1-Isopropenylna...	10.451	28.5	ng	2614030	3	9.833	1836980	20.0
1-Docosene	13.827	15.8	ng	938037	5	13.968	1188210	20.0