

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097120.D
 Acq On : 27 Jul 2017 14:10
 Operator : SJ/JU
 Sample : I4421-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSW

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	62	67	80	rVB	410343	642312	11.55%	0.464%
2	4.634	458	467	476	rBV	283306	462245	8.31%	0.334%
3	5.092	541	545	557	rVB	2475803	2684195	48.26%	1.940%
4	5.739	650	655	660	rVB3	241658	370671	6.66%	0.268%
5	5.934	680	688	694	rBV4	159439	312614	5.62%	0.226%
6	6.010	697	701	703	rBV2	447623	496177	8.92%	0.359%
7	6.163	719	727	735	rVB	2536274	3159747	56.81%	2.284%
8	6.239	735	740	742	rBV	2442572	3122563	56.14%	2.257%
9	6.263	742	744	750	rVB	2227006	2490483	44.78%	1.800%
10	6.322	750	754	756	rBV	286977	315819	5.68%	0.228%
11	6.434	766	773	775	rBV5	226846	353931	6.36%	0.256%
12	6.492	779	783	786	rVV2	687620	812387	14.61%	0.587%
13	6.528	786	789	791	rVB	820179	742403	13.35%	0.537%
14	6.551	791	793	802	rBV8	152919	342430	6.16%	0.247%
15	6.645	803	809	818	rVB3	2159136	3287434	59.11%	2.376%
16	6.781	829	832	836	rVB2	452987	646479	11.62%	0.467%
17	6.822	836	839	842	rBV	840551	703533	12.65%	0.508%
18	6.886	847	850	854	rBV4	551070	810031	14.56%	0.585%
19	7.057	870	879	882	rBV3	1563055	2746613	49.38%	1.985%
20	7.151	890	895	899	rVB4	718111	1036426	18.63%	0.749%
21	7.198	899	903	904	rBV2	240958	340396	6.12%	0.246%
22	7.222	904	907	910	rVB3	491142	574102	10.32%	0.415%
23	7.275	910	916	918	rBV2	956653	1087538	19.55%	0.786%
24	7.304	918	921	926	rVB	2024320	2046819	36.80%	1.479%
25	7.363	926	931	933	rBV3	292897	367738	6.61%	0.266%
26	7.416	933	940	943	rBV5	1337865	2065375	37.13%	1.493%
27	7.445	943	945	948	rVB3	683195	619100	11.13%	0.447%
28	7.480	948	951	954	rBV3	512027	637164	11.46%	0.461%
29	7.516	954	957	960	rVB3	1388961	1545934	27.80%	1.117%
30	7.557	960	964	968	rBV2	1260329	1534766	27.59%	1.109%
31	7.598	968	971	977	rVB2	1394446	2061342	37.06%	1.490%
32	7.663	977	982	984	rBV	1432727	1530240	27.51%	1.106%
33	7.751	989	997	999	rBV3	1281965	2312671	41.58%	1.671%
34	7.780	999	1002	1003	rBV	1335758	1297109	23.32%	0.937%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097120.D
 Acq On : 27 Jul 2017 14:10
 Operator : SJ/JU
 Sample : I4421-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.804	1003	1006	1008	rBV2	1539816	1696558	30.50%	1.226%
36	7.869	1014	1017	1018	rBV	1890487	1806416	32.48%	1.306%
37	7.916	1023	1025	1028	rVB	358627	318857	5.73%	0.230%
38	7.969	1030	1034	1038	rBV3	1713146	2070097	37.22%	1.496%
39	8.069	1043	1051	1053	rBV3	1796414	3711283	66.73%	2.682%
40	8.092	1053	1055	1058	rVV2	857863	938815	16.88%	0.679%
41	8.122	1058	1060	1062	rVB2	842103	666799	11.99%	0.482%
42	8.157	1062	1066	1067	rBV3	1654369	1853376	33.32%	1.340%
43	8.180	1067	1070	1076	rVB3	2768351	3213244	57.77%	2.322%
44	8.233	1076	1079	1081	rBV2	2315639	2783971	50.05%	2.012%
45	8.257	1081	1083	1086	rVB	1599319	1622525	29.17%	1.173%
46	8.292	1087	1089	1091	rBV	383836	306292	5.51%	0.221%
47	8.363	1098	1101	1102	rVB	1083616	839564	15.09%	0.607%
48	8.380	1102	1104	1106	rVB	814765	529678	9.52%	0.383%
49	8.416	1107	1110	1114	rBV3	759947	891198	16.02%	0.644%
50	8.504	1119	1125	1128	rVB2	2825715	4845203	87.11%	3.502%
51	8.610	1135	1143	1145	rBV2	2959248	4740978	85.24%	3.427%
52	8.633	1145	1147	1151	rVB4	601372	615529	11.07%	0.445%
53	8.675	1151	1154	1156	rBV3	809589	1057970	19.02%	0.765%
54	8.733	1161	1164	1167	rVB5	766550	845154	15.20%	0.611%
55	8.775	1167	1171	1174	rVB3	972200	1204197	21.65%	0.870%
56	8.833	1178	1181	1183	rVV	1781021	1680723	30.22%	1.215%
57	8.863	1183	1186	1188	rVB	1109479	1011453	18.19%	0.731%
58	8.963	1197	1203	1205	rBV2	1814458	2870941	51.62%	2.075%
59	9.016	1209	1212	1214	rBV	843590	839349	15.09%	0.607%
60	9.045	1215	1217	1218	rBV	544181	428092	7.70%	0.309%
61	9.069	1219	1221	1226	rVB2	1606515	1747381	31.42%	1.263%
62	9.133	1226	1232	1234	rBV3	1527361	2547341	45.80%	1.841%
63	9.216	1237	1246	1248	rBV2	2616451	5561881	100.00%	4.020%
64	9.286	1255	1258	1260	rBV2	2006205	2250214	40.46%	1.626%
65	9.404	1273	1278	1282	rBV4	1318585	2449330	44.04%	1.770%
66	9.445	1282	1285	1290	rVB3	903827	1065033	19.15%	0.770%
67	9.492	1290	1293	1295	rBV	1364459	1624043	29.20%	1.174%
68	9.651	1316	1320	1324	rVB4	912119	1590862	28.60%	1.150%
69	9.686	1324	1326	1329	rVV3	691205	888349	15.97%	0.642%
70	9.716	1329	1331	1333	rVV3	735899	742786	13.35%	0.537%
71	9.745	1333	1336	1340	rVV4	1379029	2169518	39.01%	1.568%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097120.D
 Acq On : 27 Jul 2017 14:10
 Operator : SJ/JU
 Sample : I4421-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSW

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.786	1340	1343	1345	rVV2	1364762	1546742	27.81%	1.118%
73	9.810	1345	1347	1350	rVB3	1428832	1253244	22.53%	0.906%
74	9.857	1352	1355	1357	rVV	983526	908817	16.34%	0.657%
75	9.886	1357	1360	1362	rVB	889848	817888	14.71%	0.591%
76	9.916	1362	1365	1366	rBV2	964289	1032011	18.56%	0.746%
77	9.933	1366	1368	1371	rVV4	1069411	1293596	23.26%	0.935%
78	9.963	1371	1373	1375	rVV2	736247	581384	10.45%	0.420%
79	9.986	1375	1377	1379	rVV	537004	405131	7.28%	0.293%
80	10.051	1383	1388	1390	rVB3	1418334	1822931	32.78%	1.318%
81	10.074	1390	1392	1394	rBV3	631415	500050	8.99%	0.361%
82	10.098	1394	1396	1399	rVB3	583065	546633	9.83%	0.395%
83	10.139	1399	1403	1409	rBV7	856856	1281658	23.04%	0.926%
84	10.204	1410	1414	1417	rVB	1666219	1679095	30.19%	1.214%
85	10.316	1429	1433	1437	rVB4	984596	1335235	24.01%	0.965%
86	10.374	1441	1443	1446	rVB	1091993	887769	15.96%	0.642%
87	10.433	1450	1453	1455	rVV	1237534	1357257	24.40%	0.981%
88	10.469	1455	1459	1465	rVV2	2617179	3246857	58.38%	2.347%
89	10.527	1465	1469	1473	rVV4	802244	1108303	19.93%	0.801%
90	10.563	1473	1475	1478	rVB2	563934	437779	7.87%	0.316%
91	10.921	1533	1536	1542	rVB	1279952	1310618	23.56%	0.947%
92	10.998	1546	1549	1551	rBV	571630	488584	8.78%	0.353%
93	11.021	1551	1553	1557	rVB2	400140	349826	6.29%	0.253%
94	12.204	1751	1754	1758	rVV	585584	560816	10.08%	0.405%
95	12.421	1788	1791	1794	rBV	372300	360526	6.48%	0.261%
96	12.580	1814	1818	1823	rVB	1352183	1518304	27.30%	1.097%
97	13.615	1990	1994	1997	rBV2	583445	790641	14.22%	0.571%
98	14.609	2161	2163	2171	rVB	395791	609367	10.96%	0.440%
99	14.915	2212	2215	2220	rVB	329174	383243	6.89%	0.277%
100	14.968	2221	2224	2227	rBV	355222	361574	6.50%	0.261%

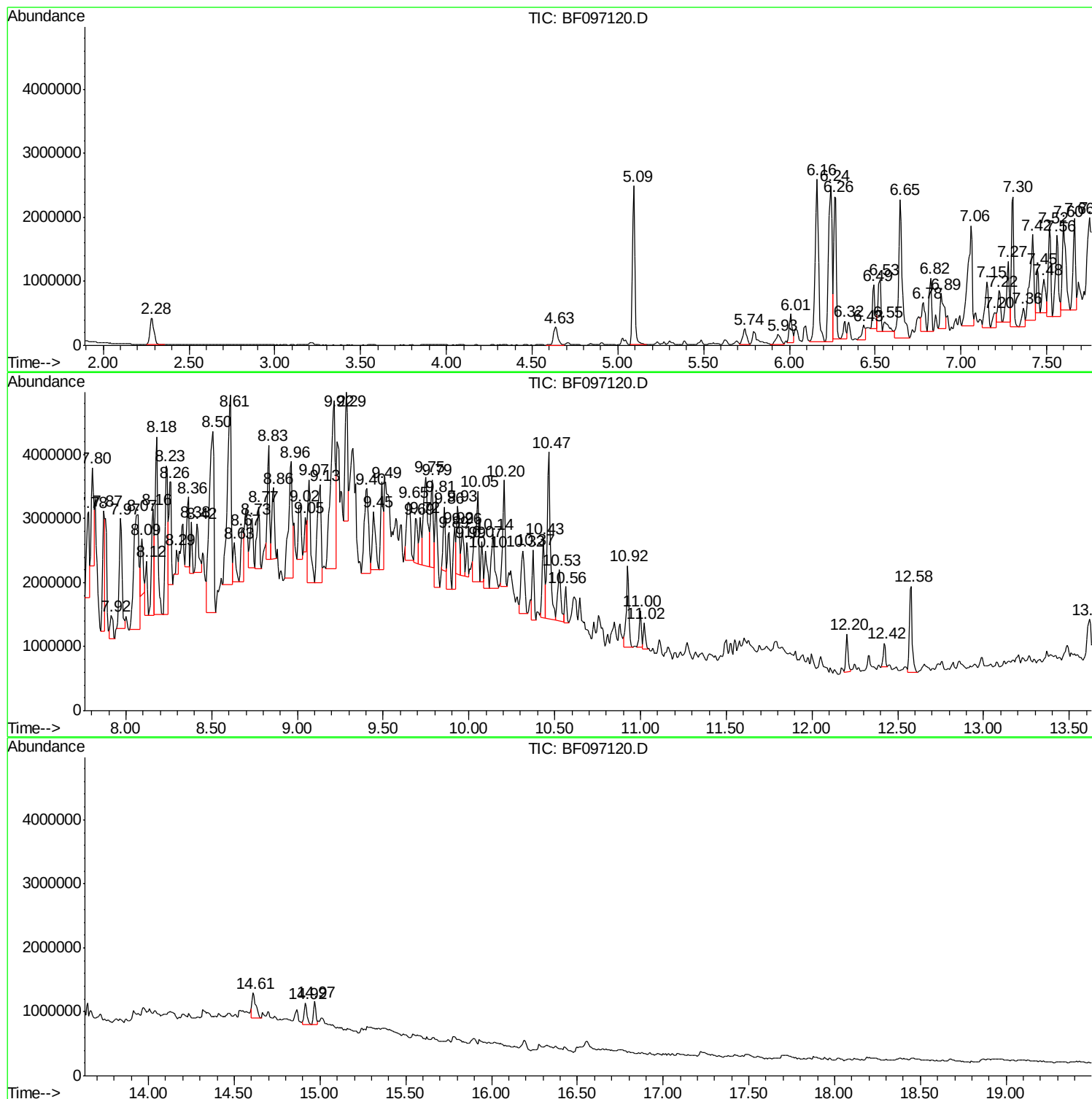
Sum of corrected areas: 138359666

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
E2-N7-SSW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

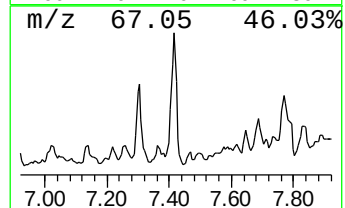
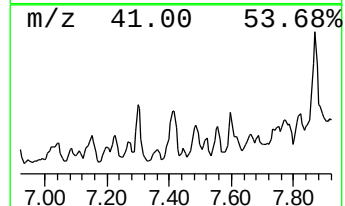
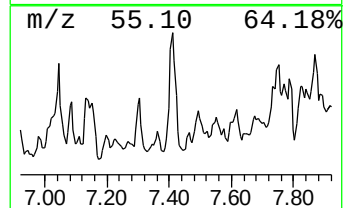
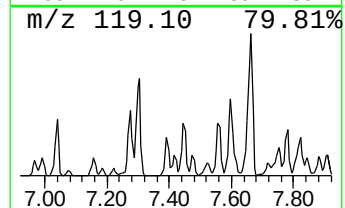
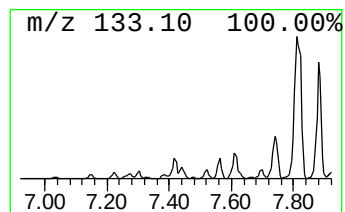
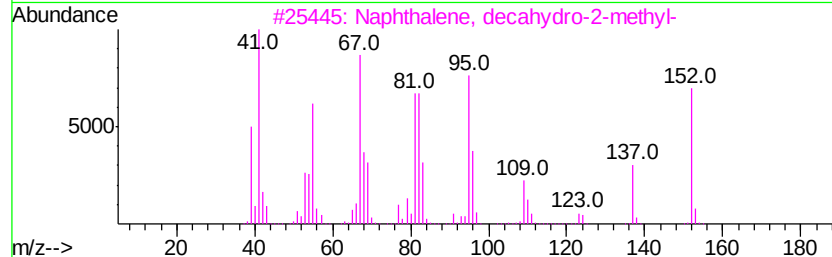
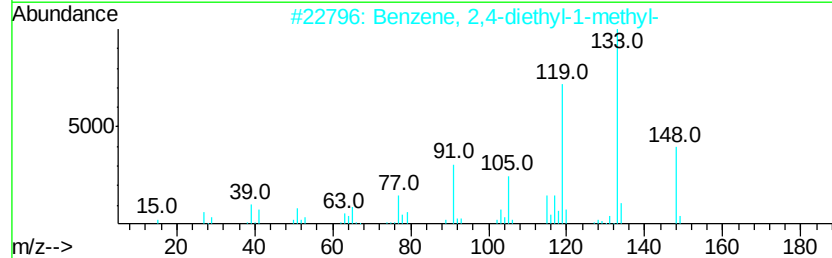
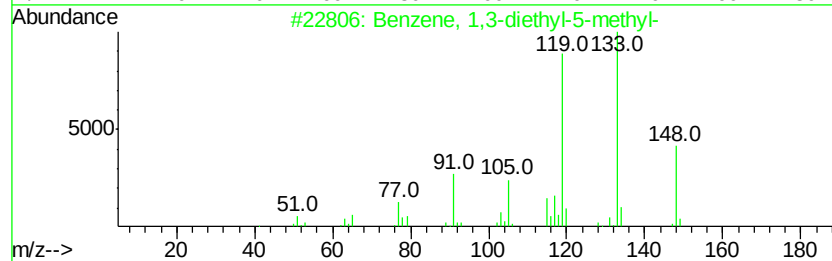
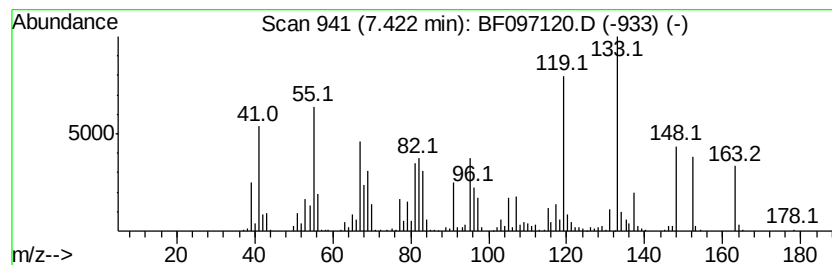
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	31.85 ng	2065380	Naphthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	78
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	52
5		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

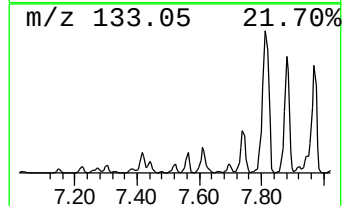
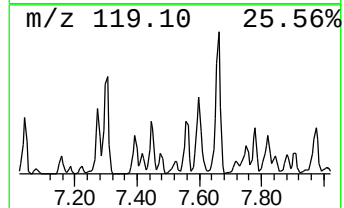
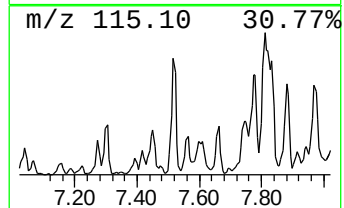
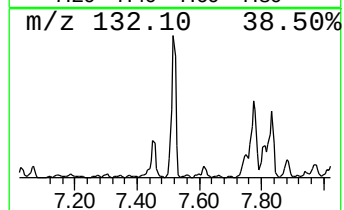
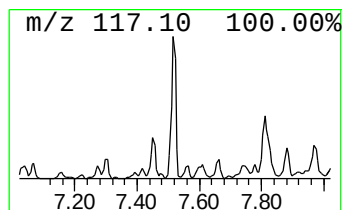
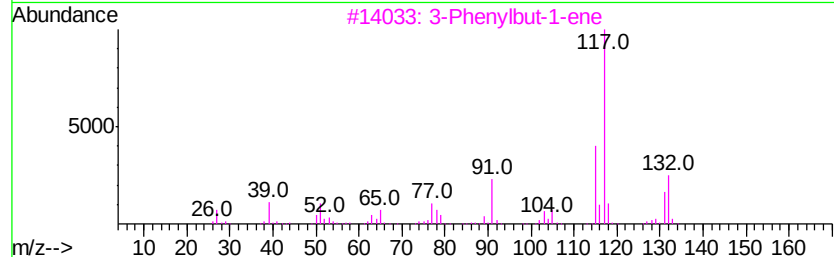
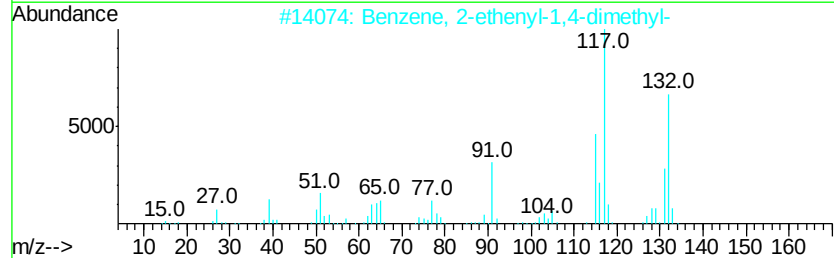
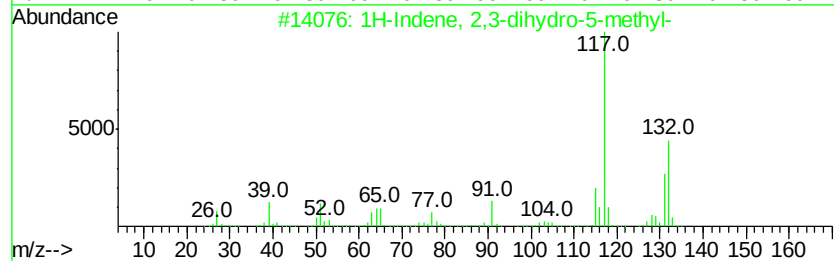
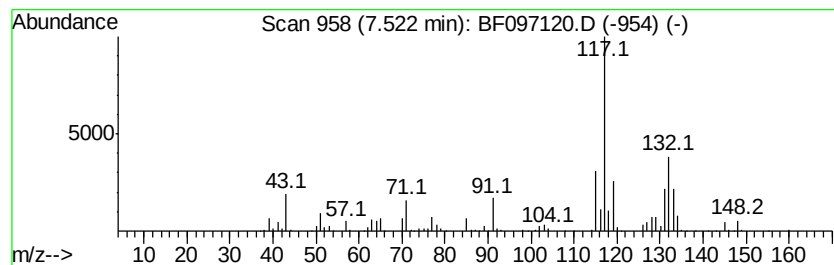
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	23.84 ng	1545930	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

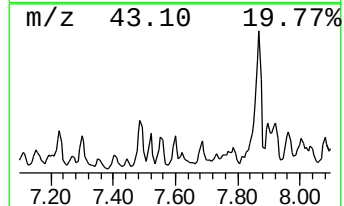
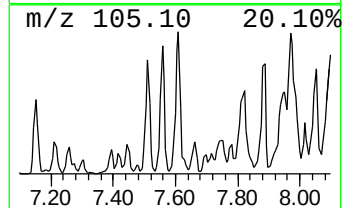
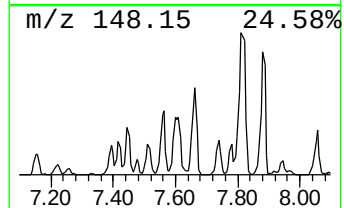
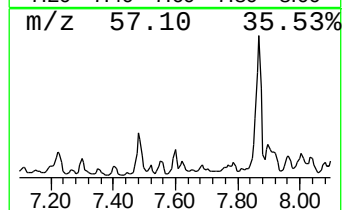
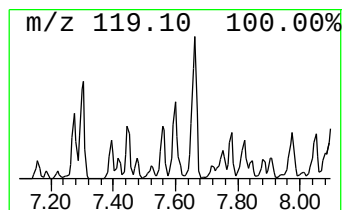
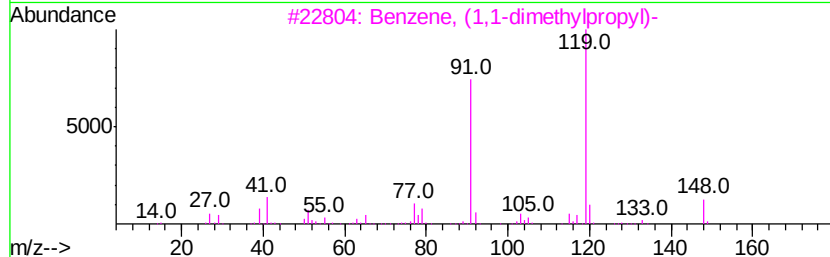
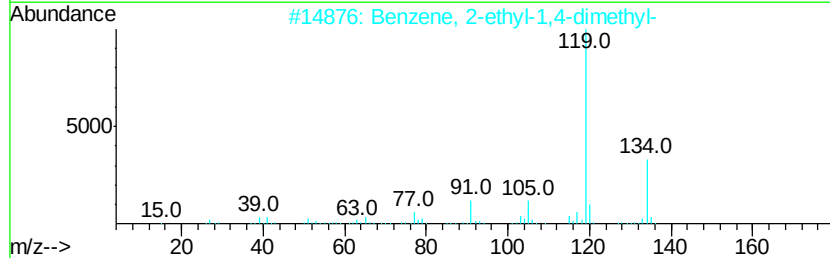
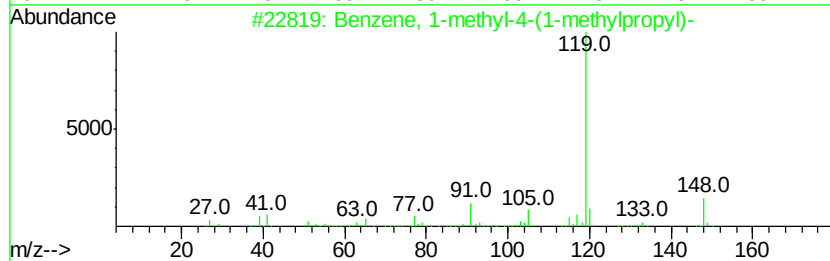
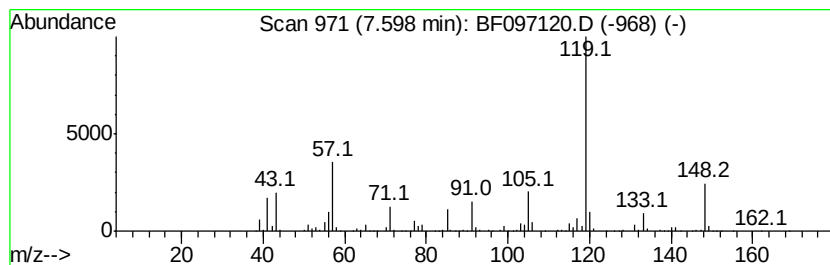
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	31.78 ng	2061340	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

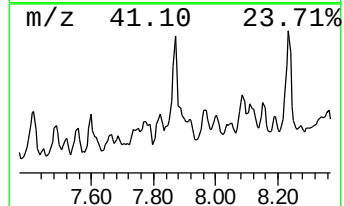
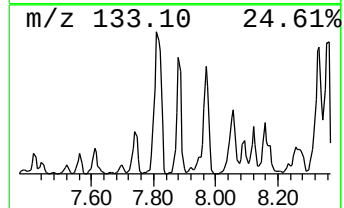
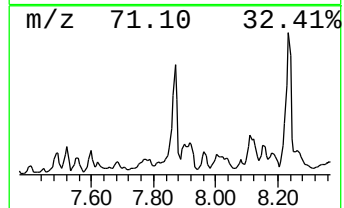
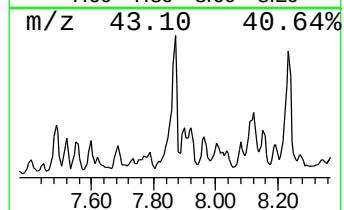
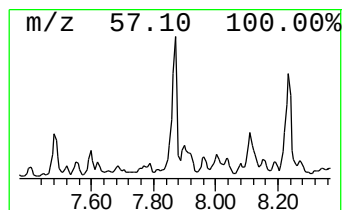
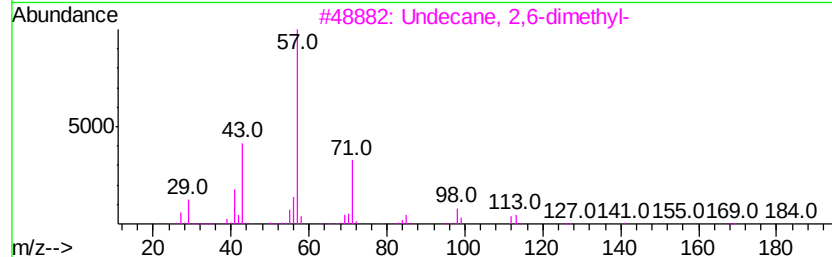
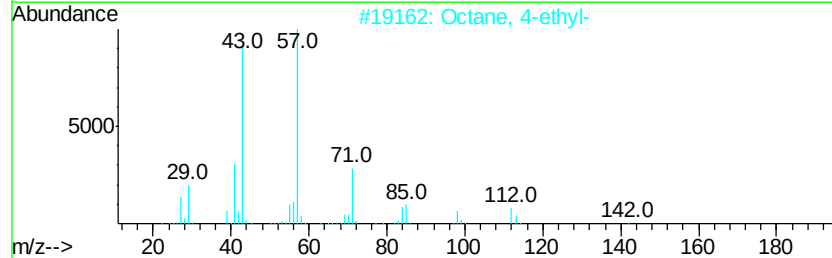
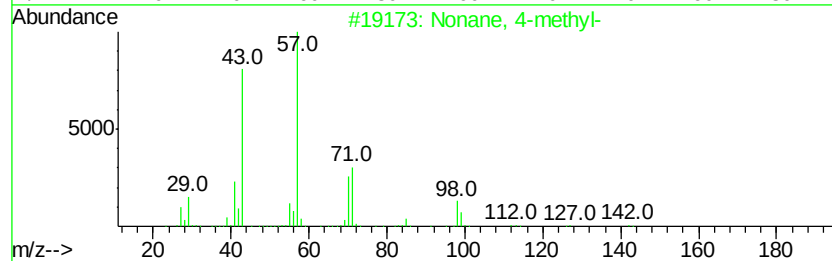
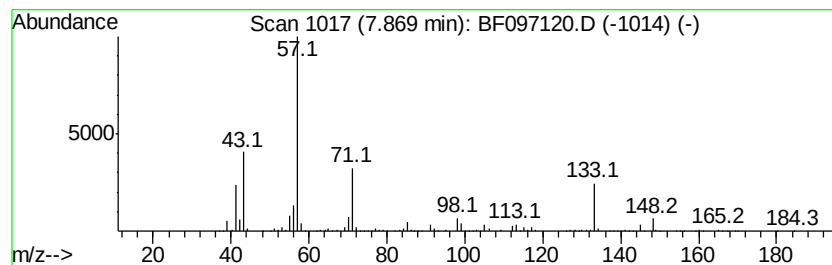
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	27.85 ng	1806420	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	50
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

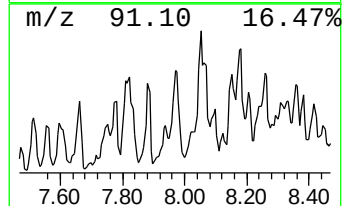
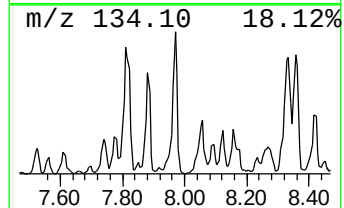
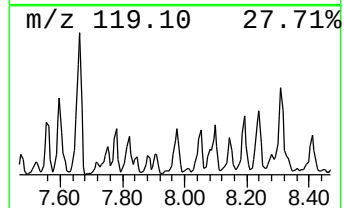
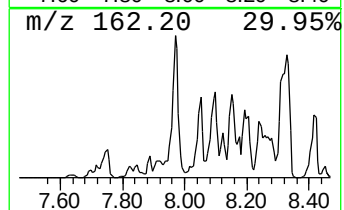
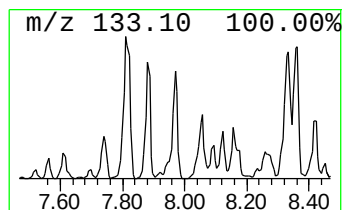
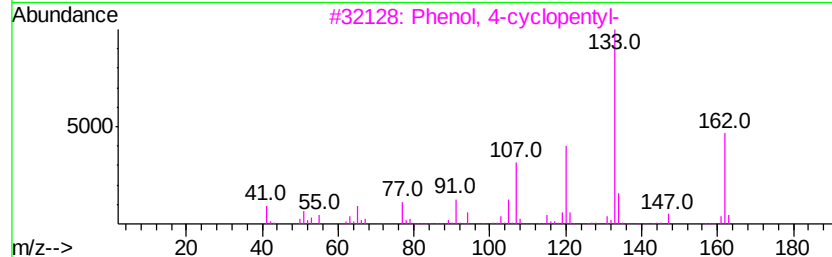
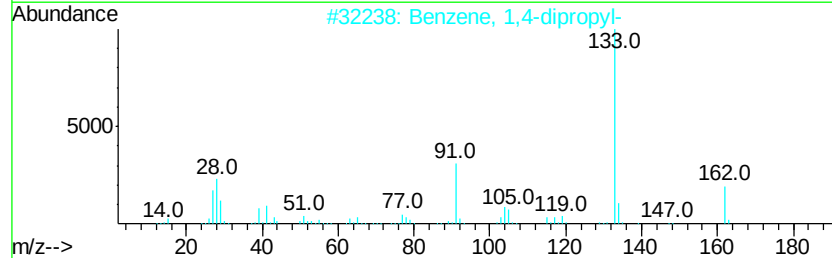
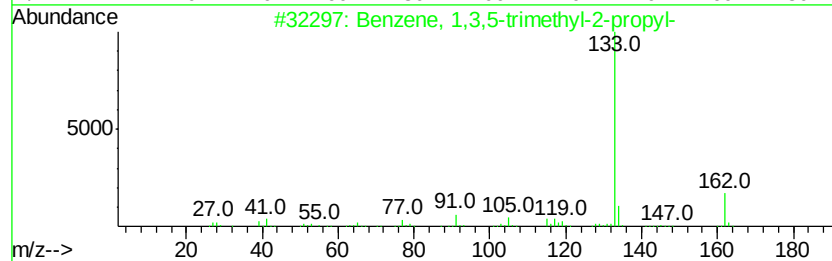
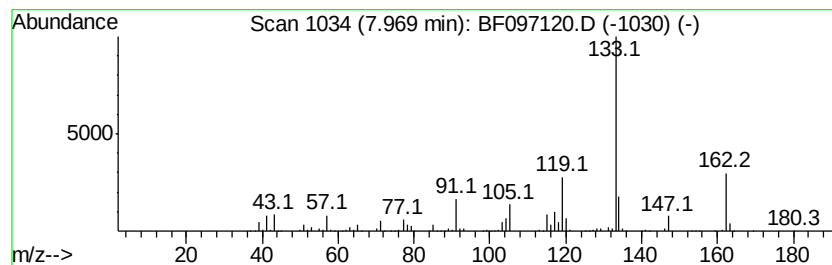
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	31.92 ng	2070100	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	81
2		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	58
3		Phenol, 4-cyclopentyl-	162	C11H14O	001518-83-8	53
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
5		4'-Ethylpropiophenone	162	C11H14O	027465-51-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

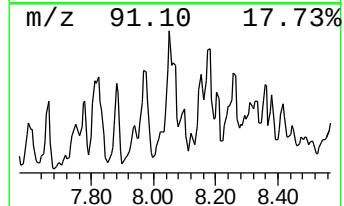
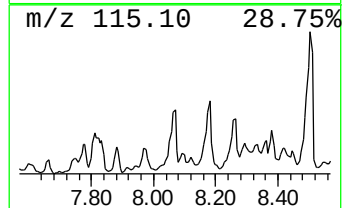
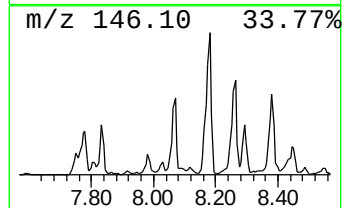
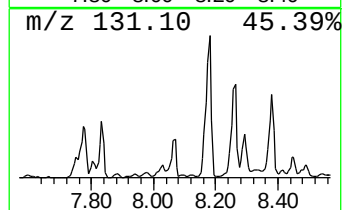
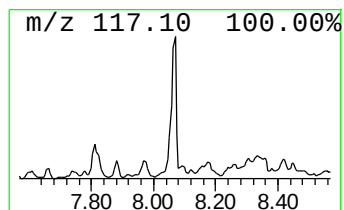
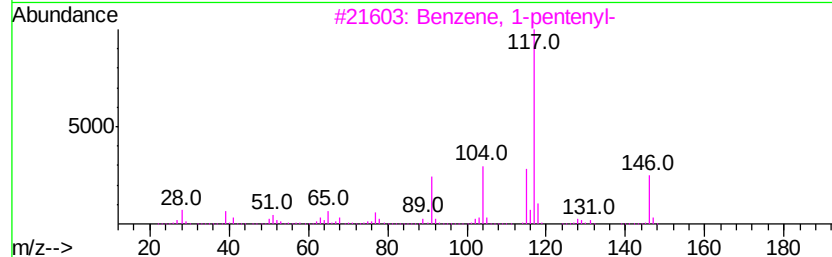
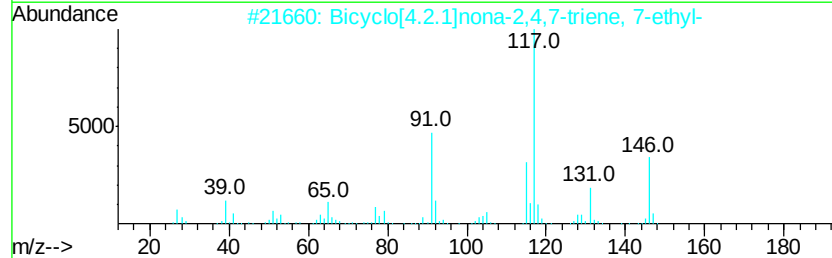
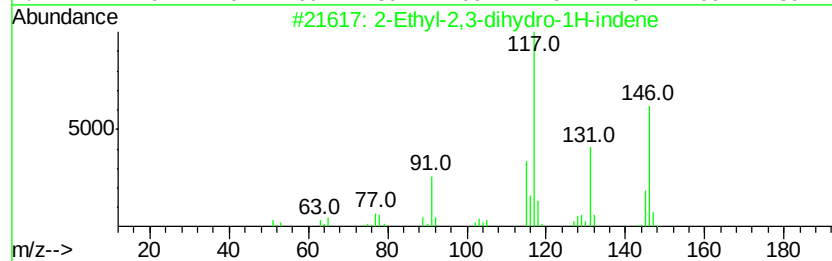
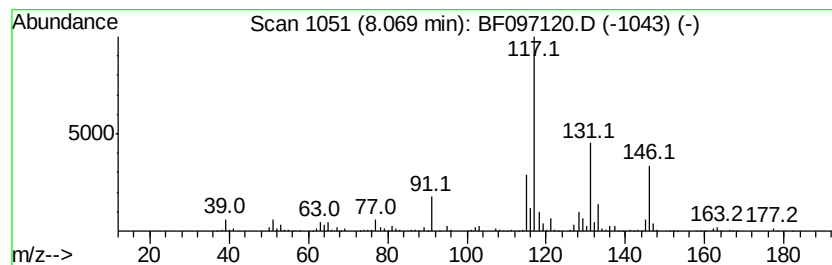
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	57.22 ng	3711280	Napthalene-d8	7.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	72	
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64	
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53	
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53	
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

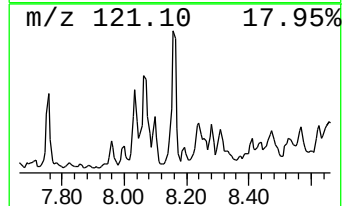
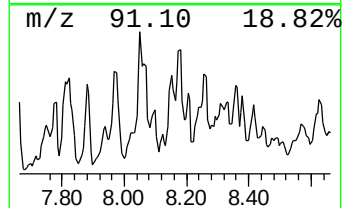
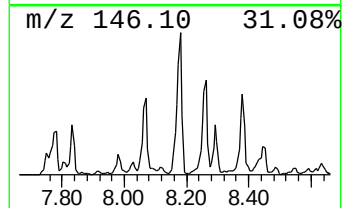
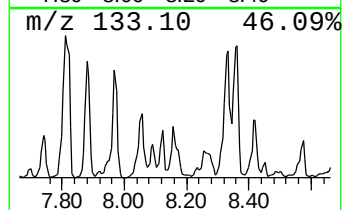
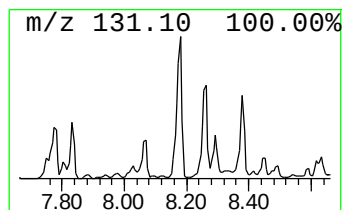
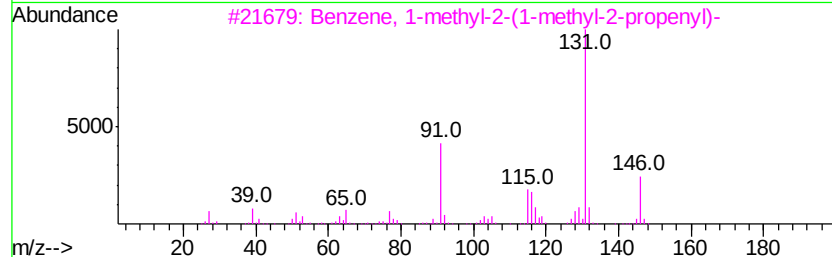
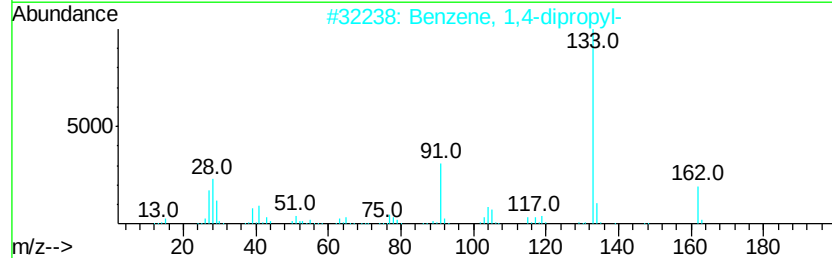
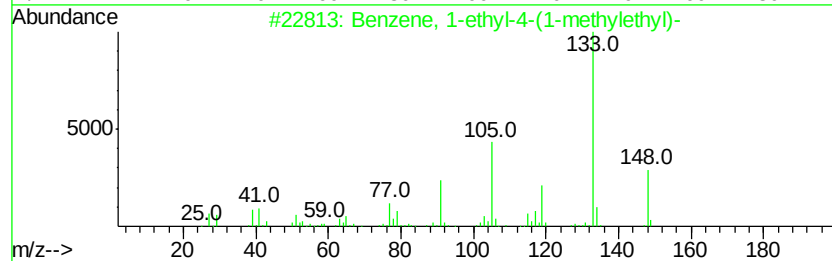
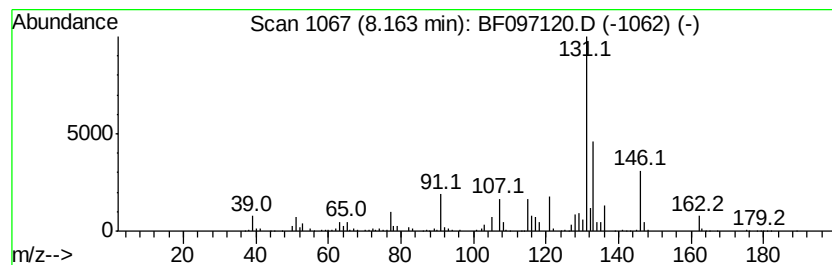
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	28.58 ng	1853380	Naphthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	27
2		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	27
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	25
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

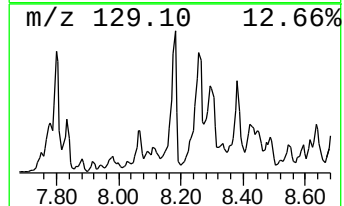
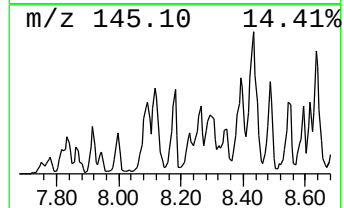
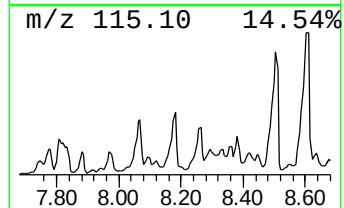
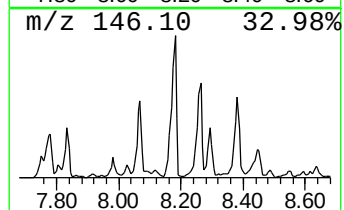
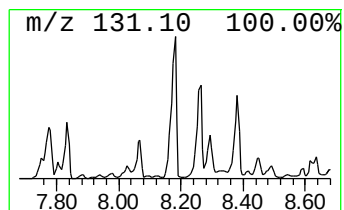
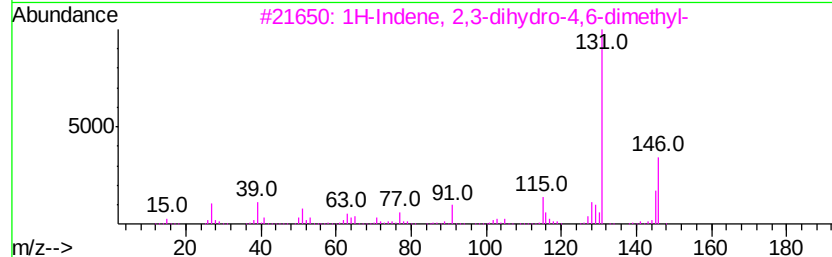
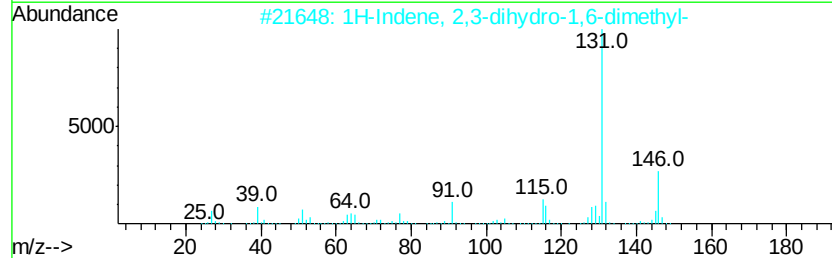
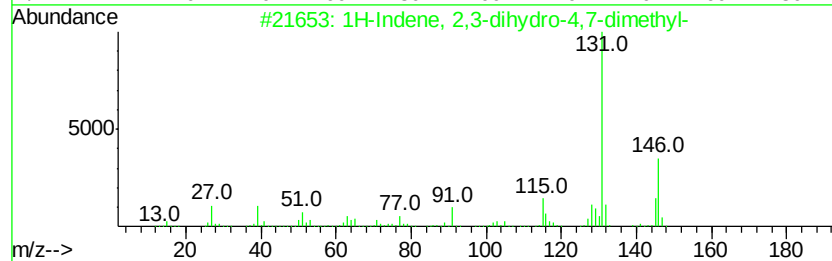
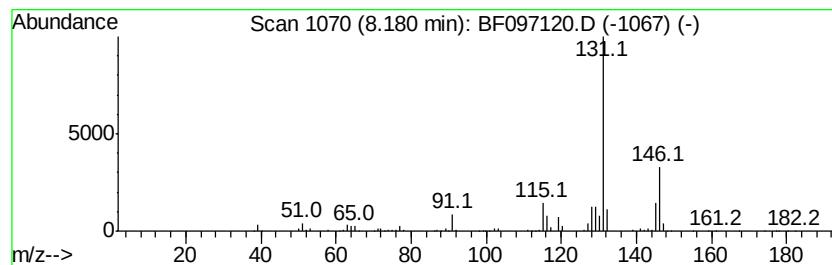
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	49.54 ng	3213240	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
E2-N7-SSW

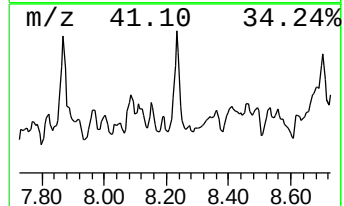
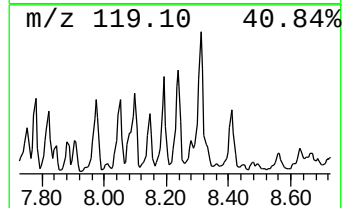
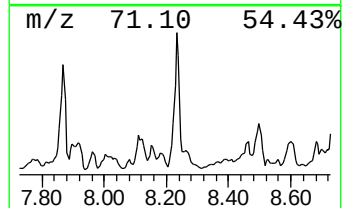
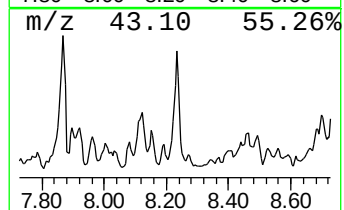
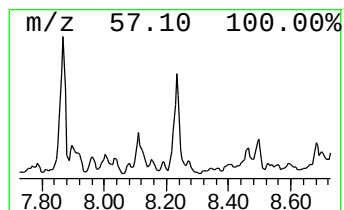
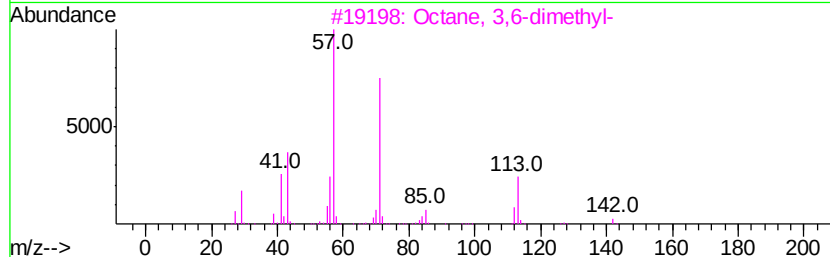
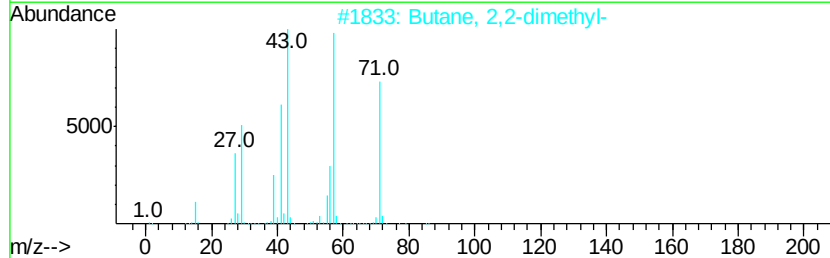
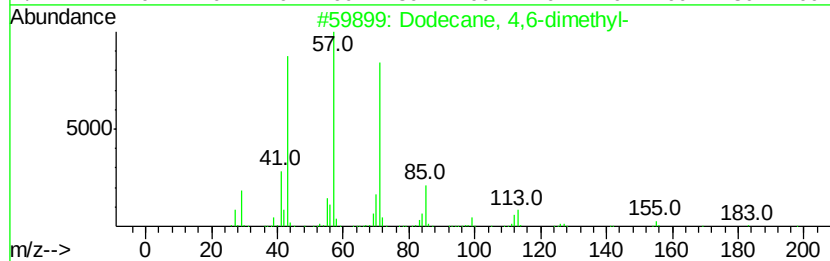
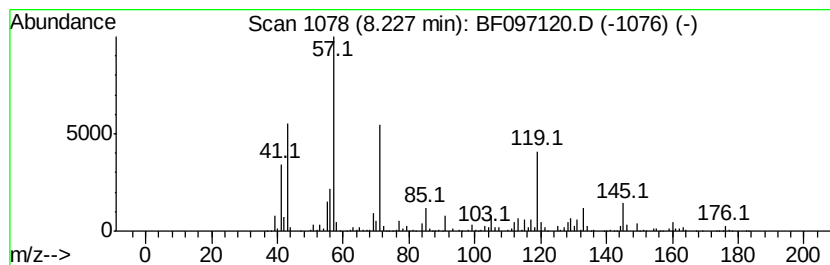
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	42.93 ng	2783970	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	42
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

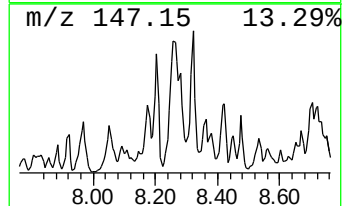
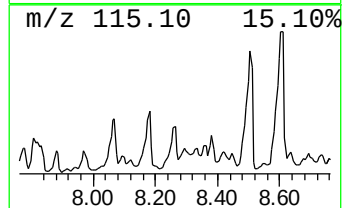
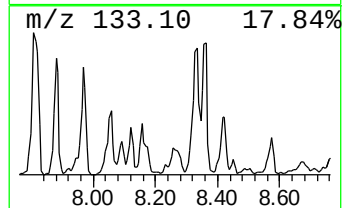
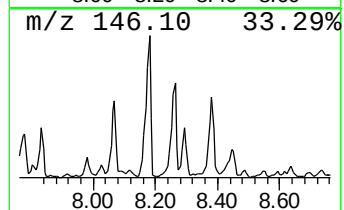
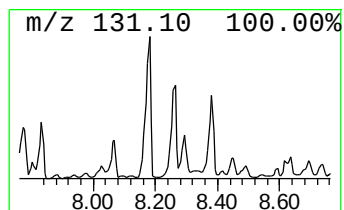
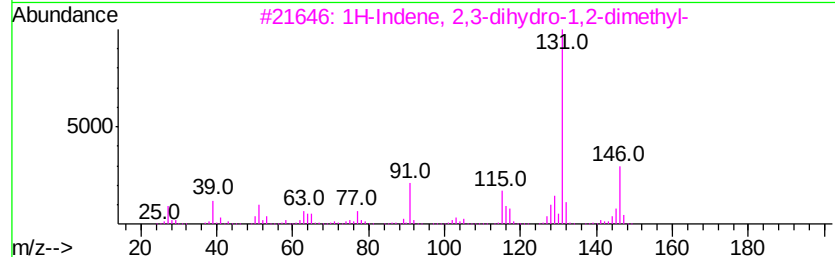
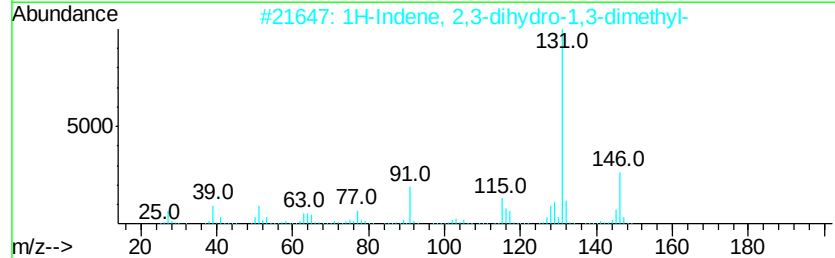
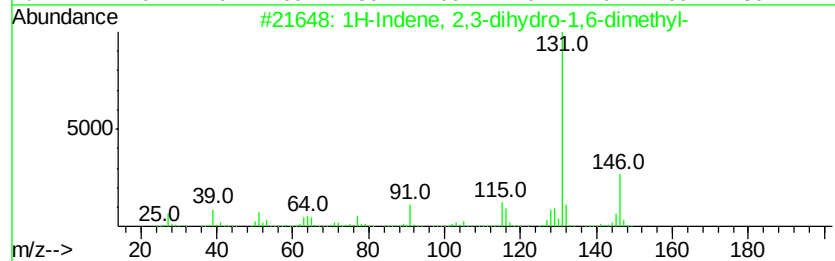
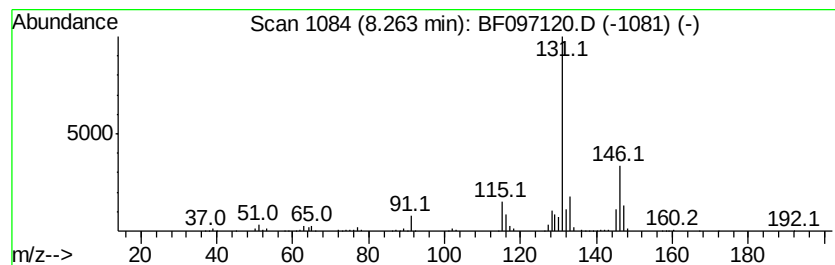
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	25.02 ng	1622530	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

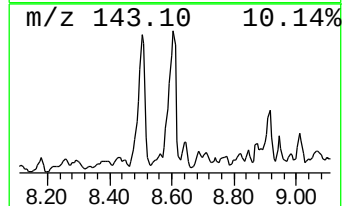
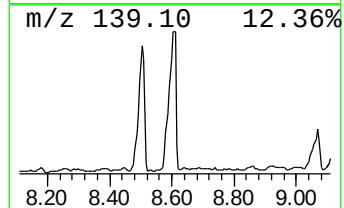
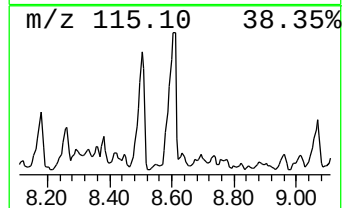
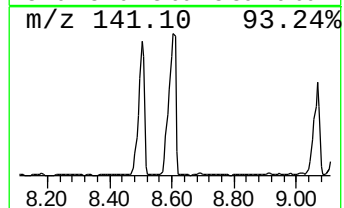
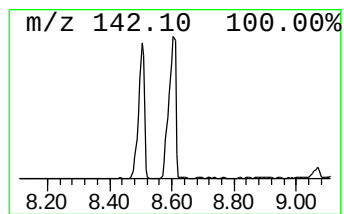
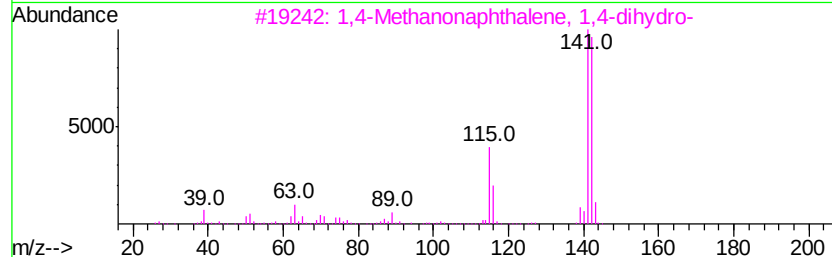
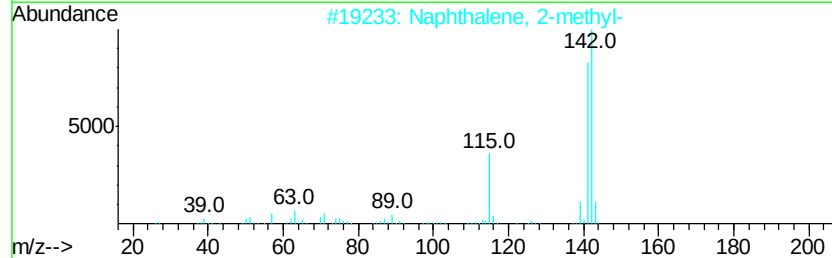
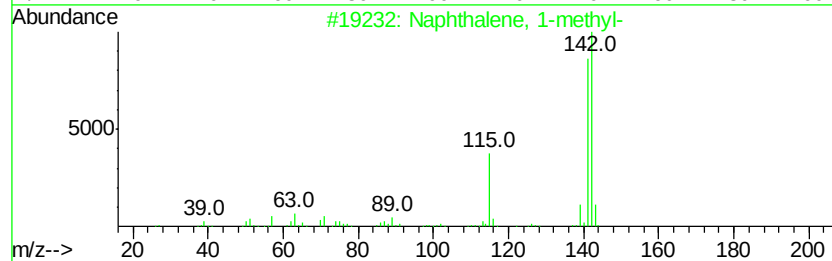
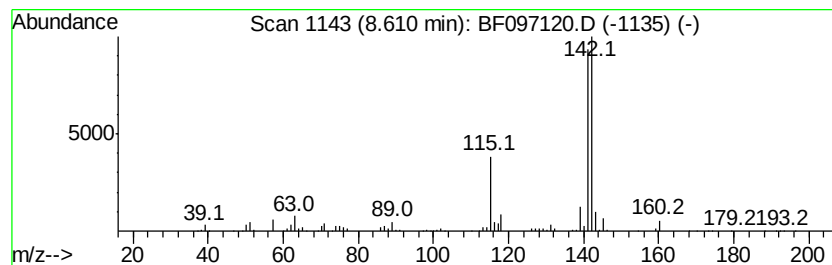
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	73.10 ng	4740980	Naphthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

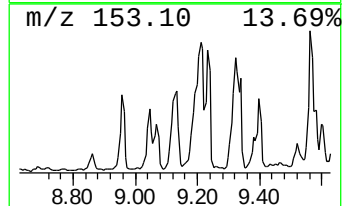
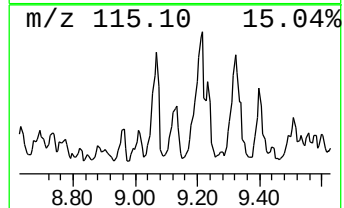
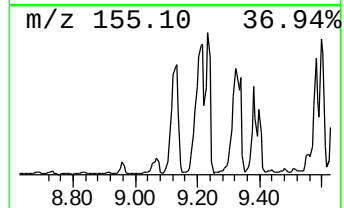
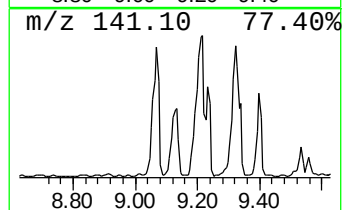
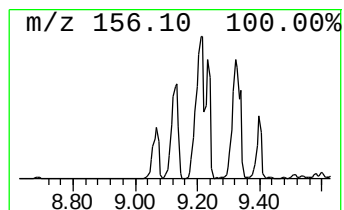
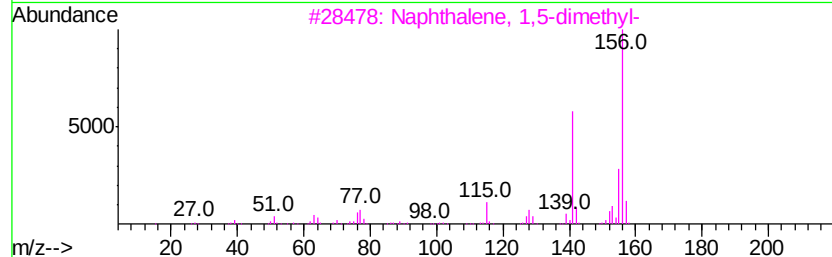
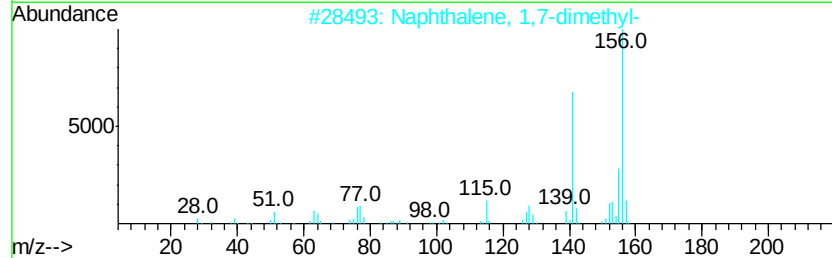
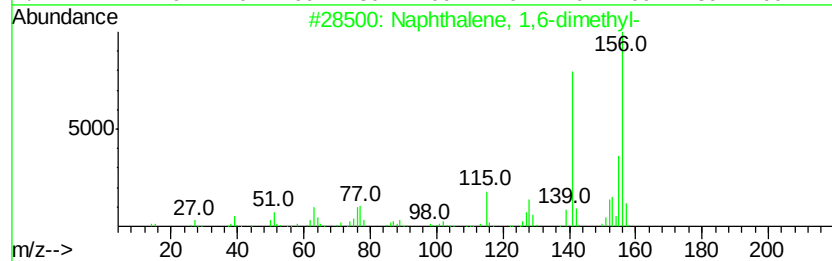
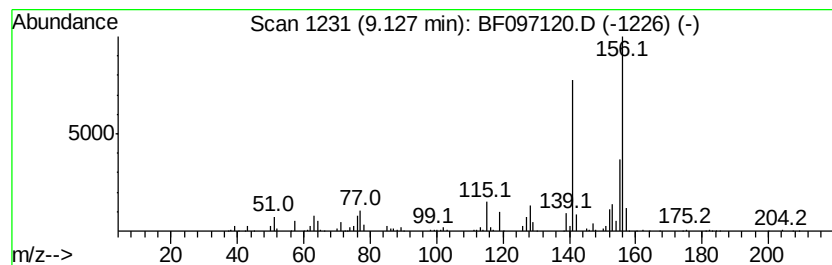
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	31.37 ng	2547340	Acenaphthene-d10	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

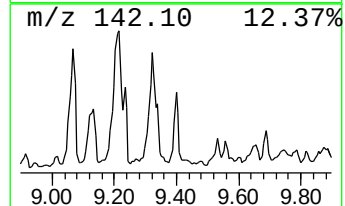
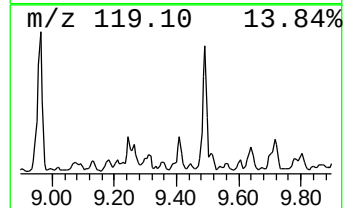
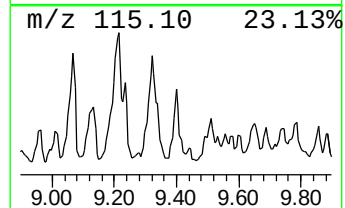
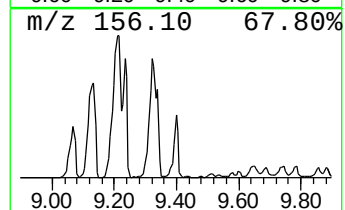
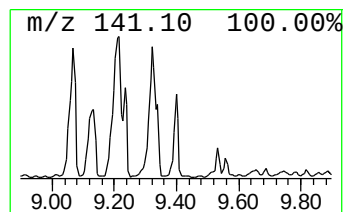
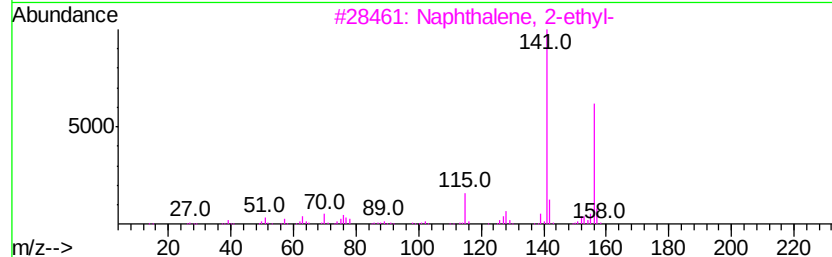
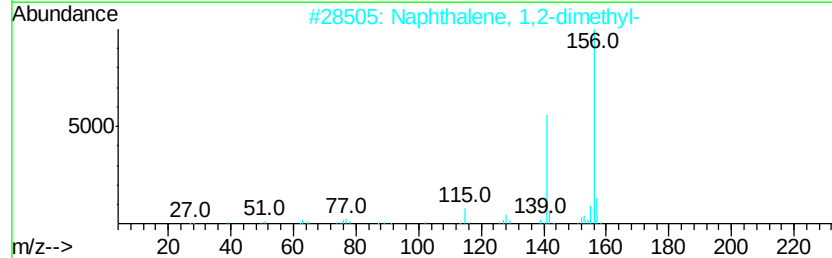
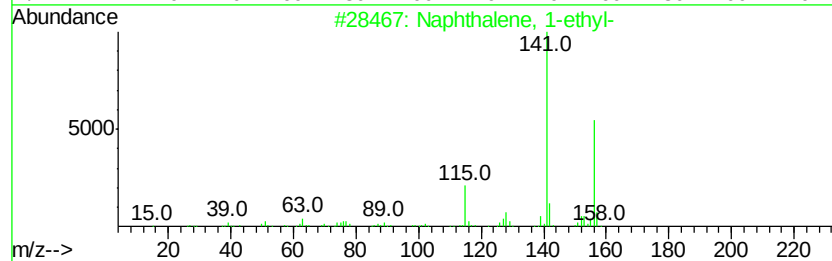
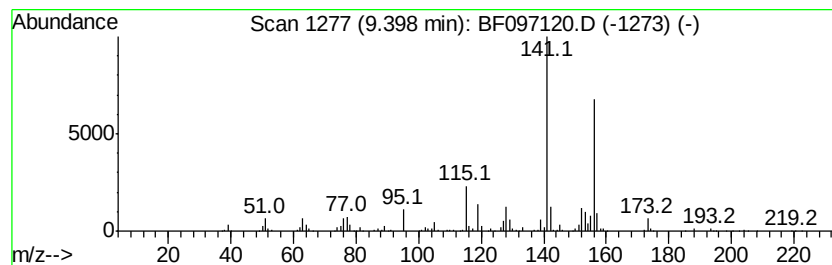
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	30.16 ng	2449330	Acenaphthene-d10	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	78
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	53
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

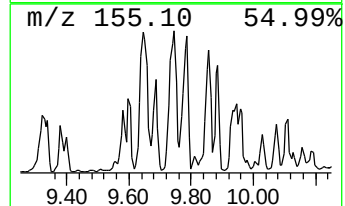
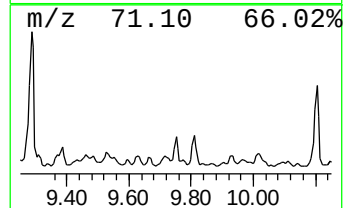
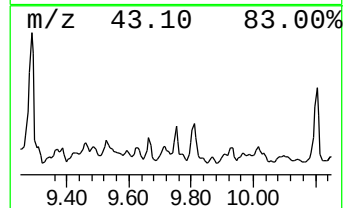
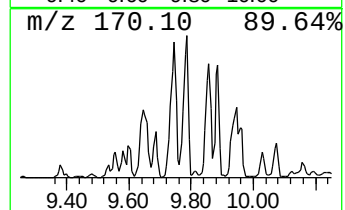
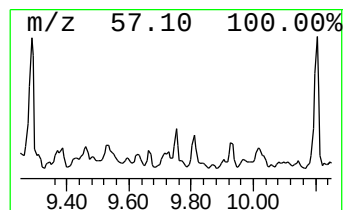
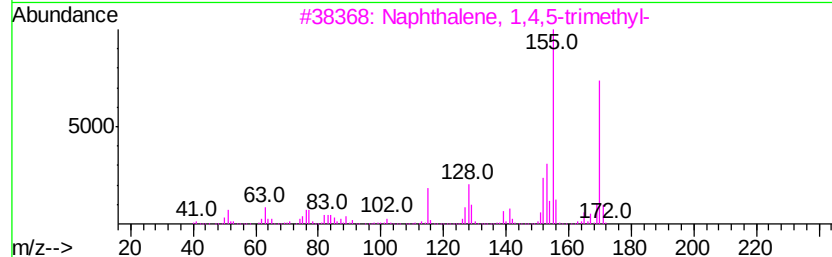
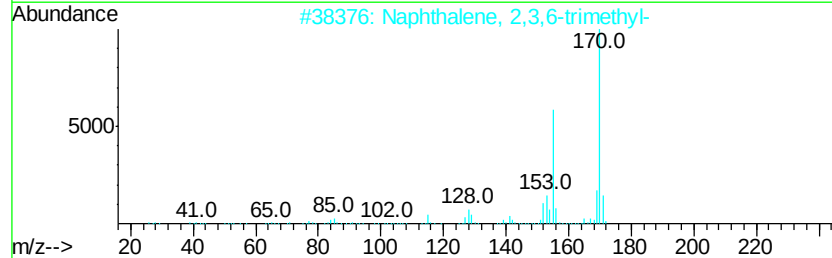
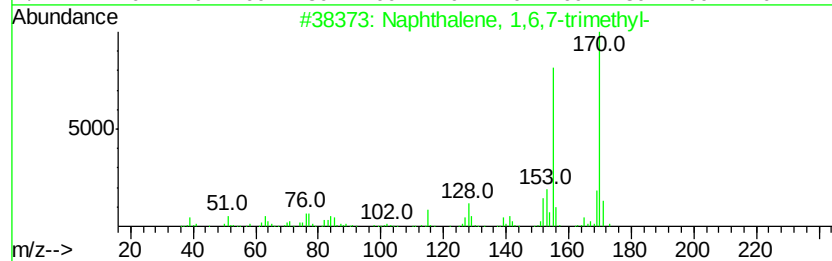
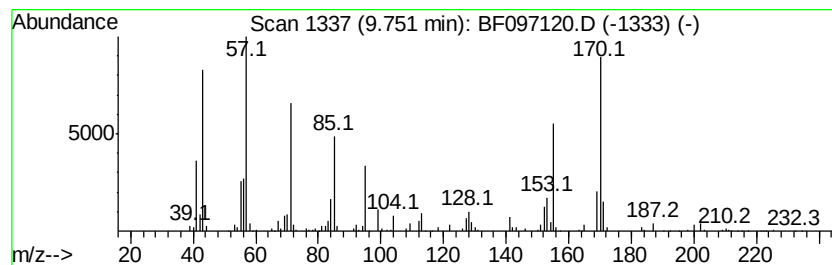
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	26.72 ng	2169520	Acenaphthene-d10	9.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

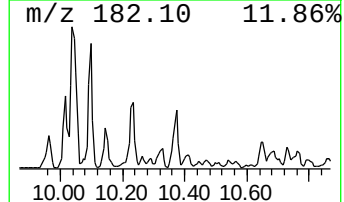
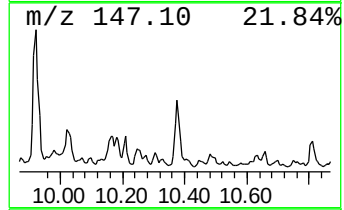
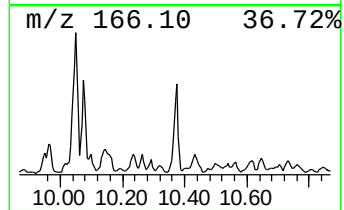
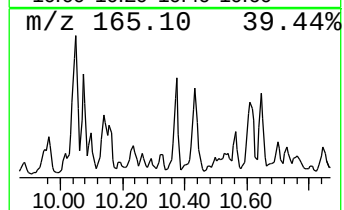
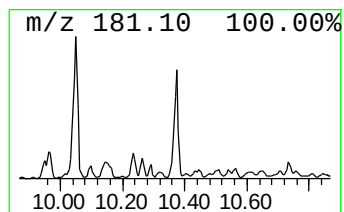
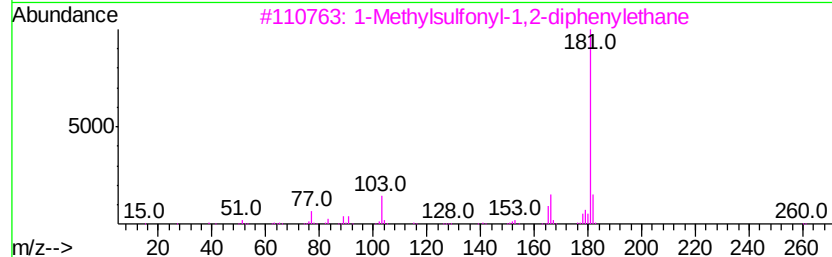
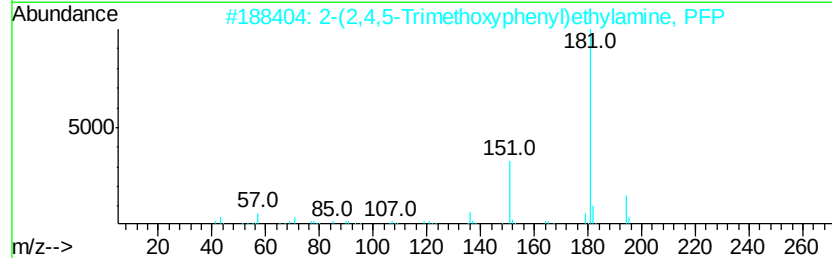
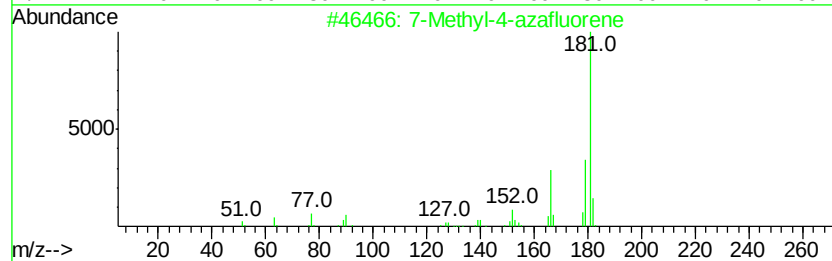
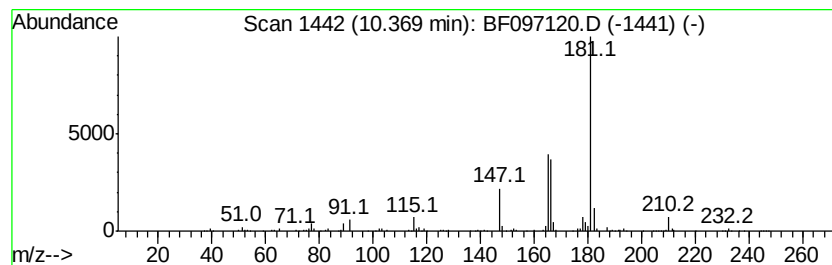
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7-Methyl-4-azafluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	36.34 ng	887769	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	53
2		2-(2,4,5-Trimethoxyphenyl)ethyla...	357	C14H16F5N04	1000071-83-4	43
3		1-Methylsulfonyl-1,2-diphenylethane	260	C15H16O2S	015733-05-8	40
4		Bifenthrin	422	C23H22ClF3O2	082657-04-3	40
5		1,2-Dimethoxy-4-(1,2-dimethoxyet...	226	C12H18O4	1000333-50-1	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

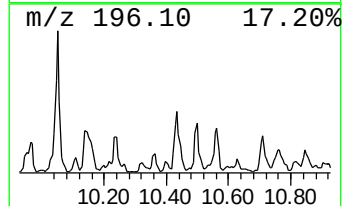
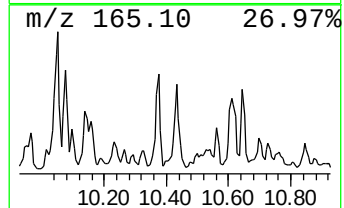
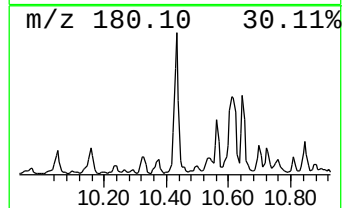
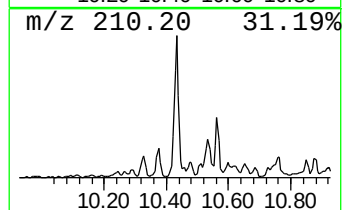
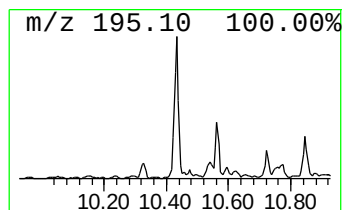
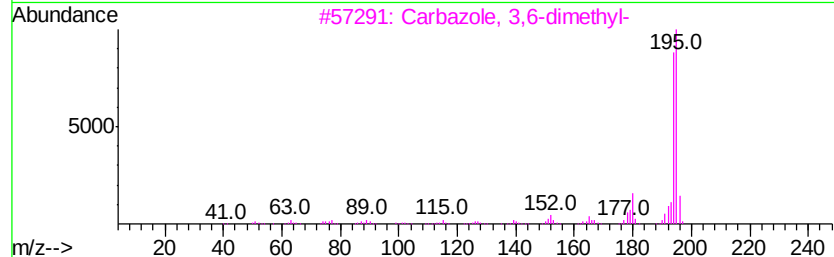
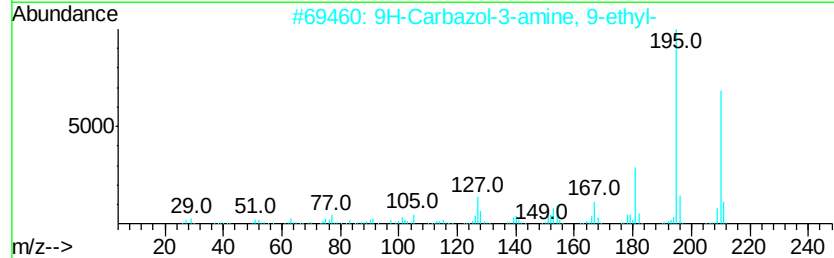
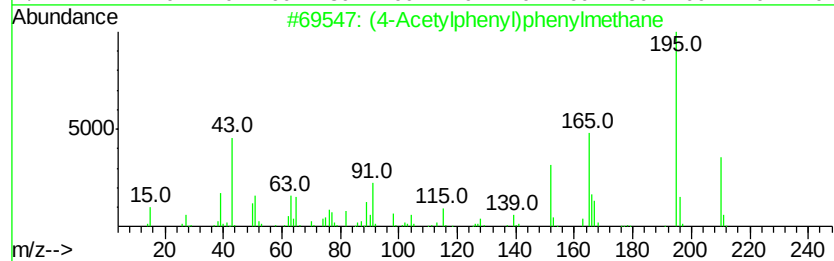
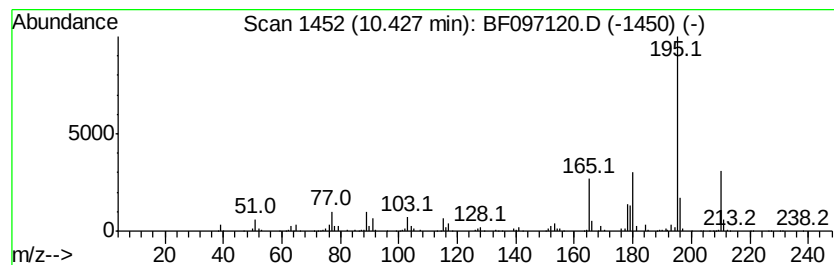
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 (4-Acetylphenyl)phenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	55.56 ng	1357260	Phenanthrene-d10	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
2		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
3		Carbazole, 3,6-dimethyl-	195	C14H13N	005599-50-8	47
4		3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	47
5		Isothiocyanate, 2,3-dimethoxyphenyl	195	C9H9NO2S	1000337-60-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

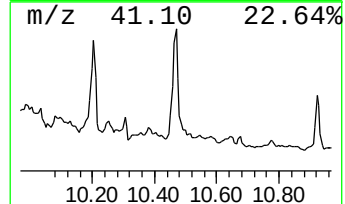
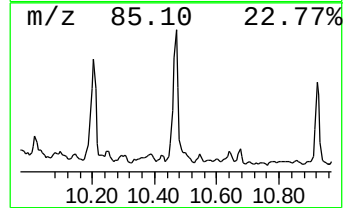
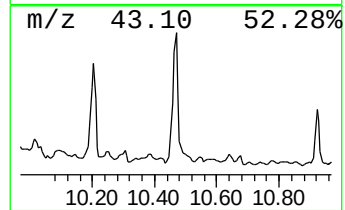
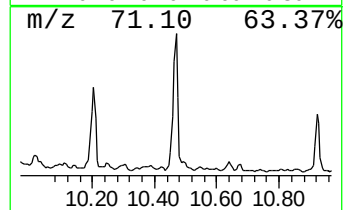
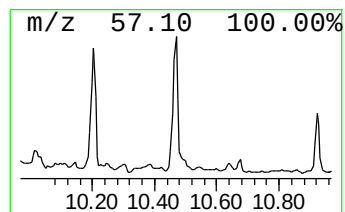
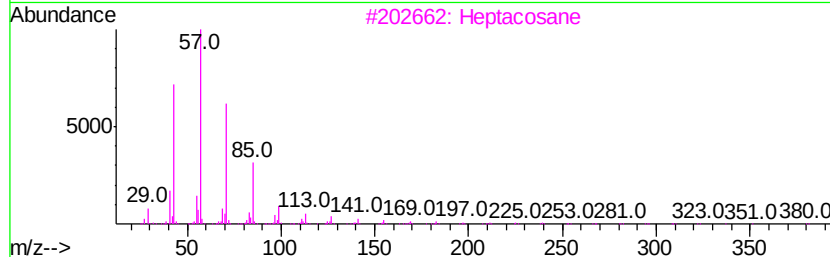
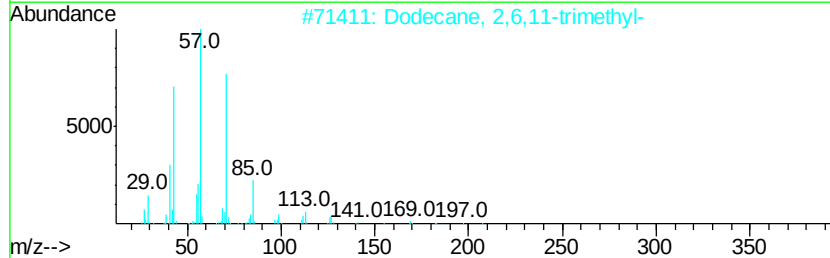
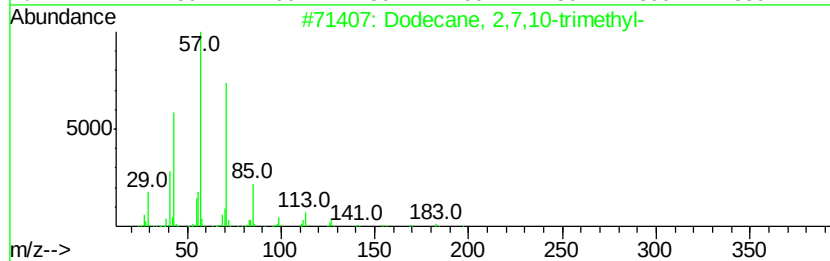
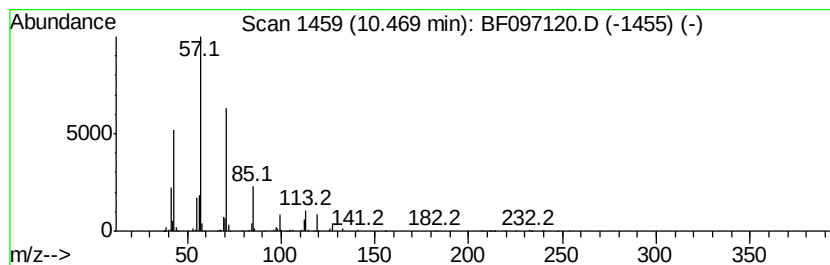
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	132.91 ng	3246860	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Heptacosane	380	C27H56	000593-49-7	64
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

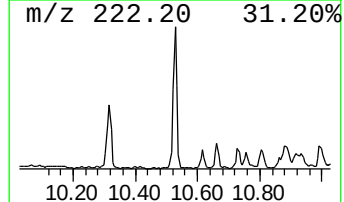
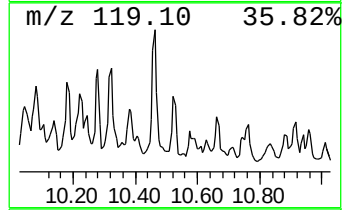
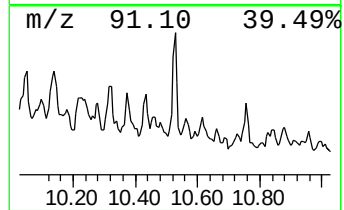
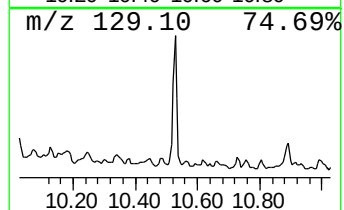
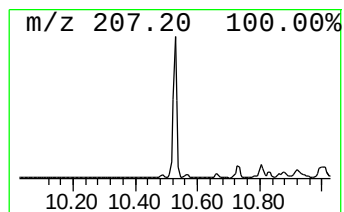
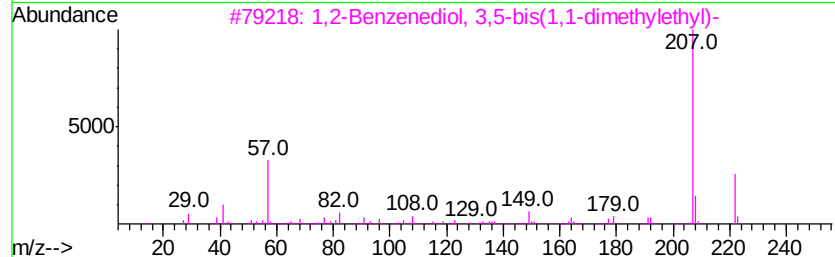
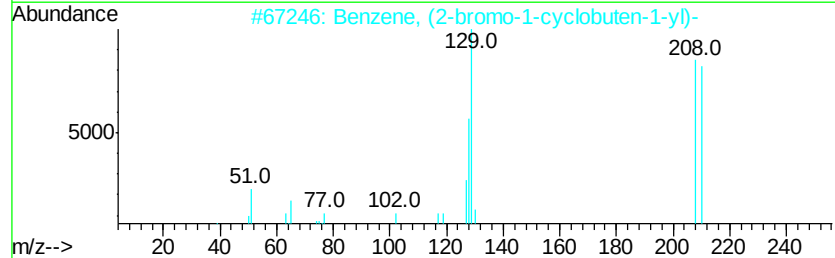
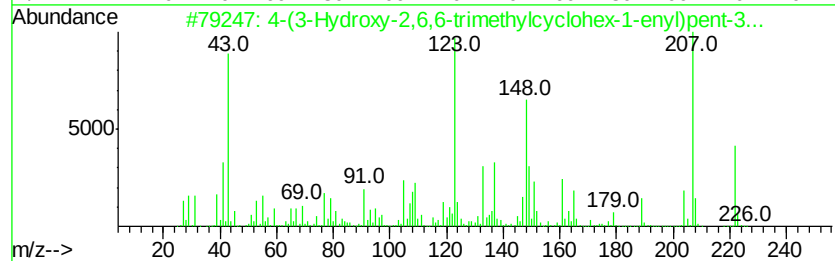
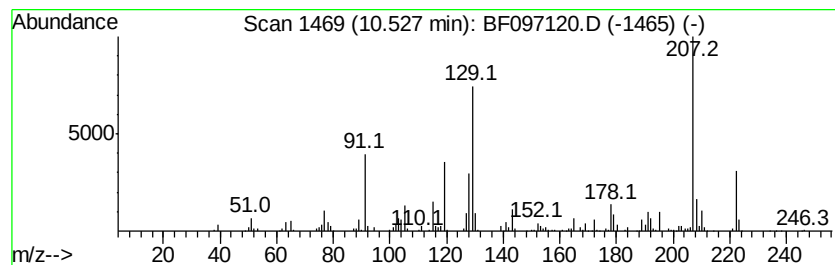
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	45.37 ng	1108300	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(3-Hydroxy-2,6,6-trimethylcyclohex-1-enyl)pent-3-en-2-one	222	C14H22O2	097306-57-5	46
2		Benzene, (2-bromo-1-cyclobuten-1-yl)-	208	C10H9Br	041893-67-8	41
3		1,2-Benzenediol, 3,5-bis(1,1-dimethylethyl)-	222	C14H22O2	001020-31-1	38
4		1,2-Benzisothiazol-3-amine tms	222	C10H14N2SSi	1000332-66-2	38
5		1,4-Benzenediol, 2,6-bis(1,1-dimethylethyl)-	222	C14H22O2	002444-28-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097120.D
Acq On : 27 Jul 2017 14:10
Operator : SJ/JU
Sample : I4421-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSW

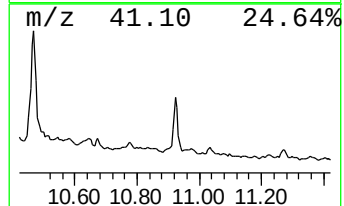
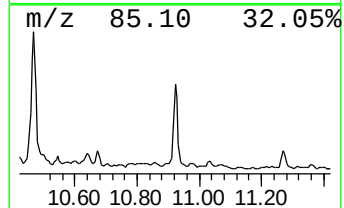
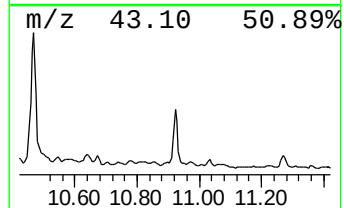
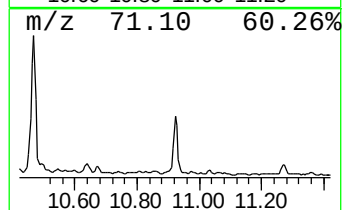
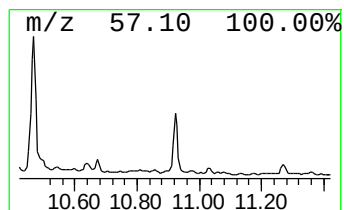
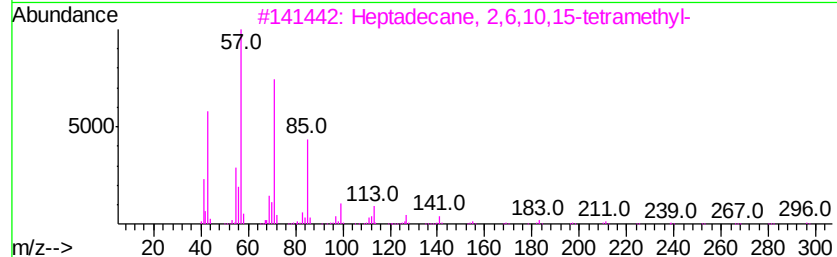
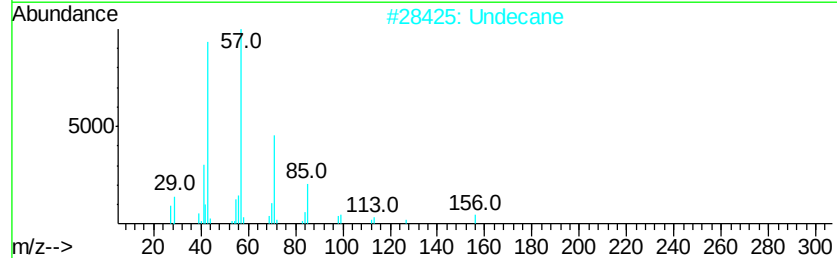
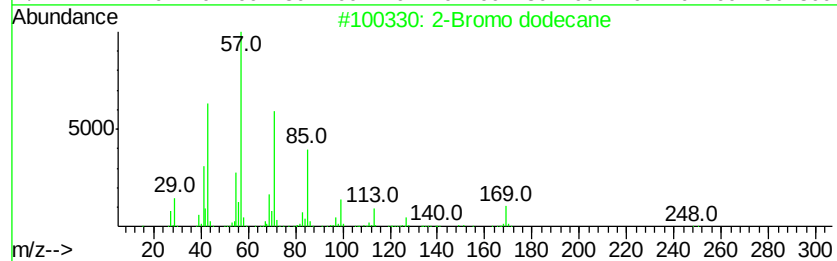
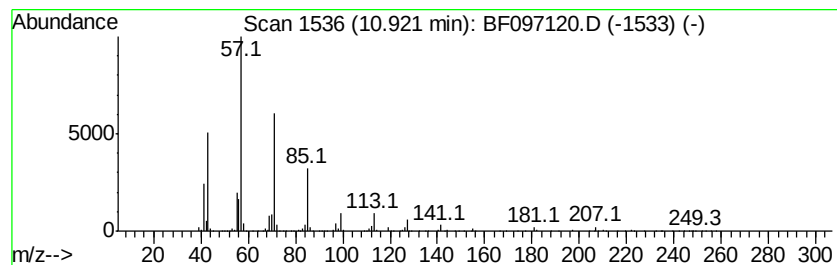
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	53.65 ng	1310620	Phenanthrene-d10	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	90
2	Undecane		156	C11H24	001120-21-4	86
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
4	Heptacosane		380	C27H56	000593-49-7	80
5	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
 Data File : BF097120.D
 Acq On : 27 Jul 2017 14:10
 Operator : SJ/JU
 Sample : I4421-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Benzene, 1,3-diet...	7.42	31.9	ng	2065380	2	7.77	1297110	20.0
1H-Indene, 2,3-di...	7.52	23.8	ng	1545930	2	7.77	1297110	20.0
Benzene, 1-methyl...	7.60	31.8	ng	2061340	2	7.77	1297110	20.0
Nonane, 4-methyl-	7.87	27.9	ng	1806420	2	7.77	1297110	20.0
Benzene, 1,3,5-tr...	7.97	31.9	ng	2070100	2	7.77	1297110	20.0
2-Ethyl-2,3-dihyd...	8.07	57.2	ng	3711280	2	7.77	1297110	20.0
unknown8.16	8.16	28.6	ng	1853380	2	7.77	1297110	20.0
1H-Indene, 2,3-di...	8.18	49.5	ng	3213240	2	7.77	1297110	20.0
unknown8.23	8.23	42.9	ng	2783970	2	7.77	1297110	20.0
1H-Indene, 2,3-di...	8.26	25.0	ng	1622530	2	7.77	1297110	20.0
Naphthalene, 1-me...	8.61	73.1	ng	4740980	2	7.77	1297110	20.0
Naphthalene, 1,6-...	9.13	31.4	ng	2547340	3	9.53	1624040	20.0
Naphthalene, 1-et...	9.40	30.2	ng	2449330	3	9.53	1624040	20.0
Naphthalene, 1,6,...	9.75	26.7	ng	2169520	3	9.53	1624040	20.0
7-Methyl-4-azaflu...	10.37	36.3	ng	887769	4	11.00	488584	20.0
(4-Acetylphenyl)p...	10.43	55.6	ng	1357260	4	11.00	488584	20.0
Dodecane, 2,7,10-...	10.47	132.9	ng	3246860	4	11.00	488584	20.0
unknown10.53	10.53	45.4	ng	1108300	4	11.00	488584	20.0
2-Bromo dodecane	10.92	53.6	ng	1310620	4	11.00	488584	20.0