

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.634	599	603	609	rBV	989102	915832	8.02%	0.343%
2	5.981	659	662	668	rVB2	1030762	1190670	10.42%	0.446%
3	6.181	688	696	700	rBV2	529050	1081334	9.47%	0.405%
4	6.257	706	709	712	rVV2	1101655	1354195	11.86%	0.507%
5	6.328	718	721	725	rBV2	1240485	1193235	10.45%	0.447%
6	6.410	732	735	742	rVB2	759039	991384	8.68%	0.371%
7	6.557	757	760	761	rBV	2203719	1869031	16.36%	0.700%
8	6.581	761	764	768	rVB	3760404	3634585	31.82%	1.361%
9	6.757	791	794	797	rVB2	1963210	1867939	16.35%	0.699%
10	6.792	797	800	805	rBV3	1258439	1529697	13.39%	0.573%
11	6.887	813	816	819	rBV3	1475231	1817109	15.91%	0.680%
12	6.981	828	832	834	rBV2	904718	1112233	9.74%	0.416%
13	7.010	834	837	841	rVB2	1904010	2284670	20.00%	0.855%
14	7.051	841	844	847	rVB2	2523114	2442585	21.38%	0.914%
15	7.081	847	849	854	rVB2	1406893	1427665	12.50%	0.534%
16	7.128	854	857	861	rBV	2970239	2781216	24.35%	1.041%
17	7.204	867	870	872	rBV	1070553	1147588	10.05%	0.430%
18	7.269	877	881	884	rBV2	2295019	3025299	26.49%	1.133%
19	7.351	891	895	897	rVB	4773044	4842338	42.39%	1.813%
20	7.387	897	901	904	rVB4	1613950	2165741	18.96%	0.811%
21	7.422	904	907	910	rBV3	872875	1064646	9.32%	0.399%
22	7.457	910	913	916	rVB3	1468160	1506848	13.19%	0.564%
23	7.510	916	922	923	rBV3	1115106	1458948	12.77%	0.546%
24	7.539	923	927	932	rVB3	2768514	4131692	36.17%	1.547%
25	7.628	939	942	943	rBV2	1176143	1161518	10.17%	0.435%
26	7.645	943	945	949	rBV4	896009	1411389	12.36%	0.528%
27	7.710	954	956	959	rVB2	1866449	1805054	15.80%	0.676%
28	7.757	959	964	966	rBV3	2831179	4654975	40.75%	1.743%
29	7.781	966	968	972	rVB2	2397500	3028368	26.51%	1.134%
30	7.828	972	976	977	rBV3	1795194	1744574	15.27%	0.653%
31	7.857	979	981	984	rVB	2708485	2392535	20.95%	0.896%
32	7.892	984	987	989	rBV	1542910	1333286	11.67%	0.499%
33	7.928	989	993	996	rBV2	1060583	985616	8.63%	0.369%
34	7.981	996	1002	1004	rBV4	2043040	2922684	25.59%	1.094%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.016	1004	1008	1011	rVV3	5888587	8618198	75.45%	3.226%
36	8.039	1011	1012	1015	rVV2	1526344	1508164	13.20%	0.565%
37	8.069	1015	1017	1019	rVV	1765528	1578696	13.82%	0.591%
38	8.092	1019	1021	1023	rVV	2247738	1928078	16.88%	0.722%
39	8.116	1023	1025	1028	rVB3	1100543	963153	8.43%	0.361%
40	8.198	1033	1039	1040	rBV4	1366647	1953466	17.10%	0.731%
41	8.216	1040	1042	1047	rVB2	1927293	2220103	19.44%	0.831%
42	8.263	1047	1050	1054	rBV3	1332604	1549414	13.56%	0.580%
43	8.298	1054	1056	1057	rBV	1391251	1098424	9.62%	0.411%
44	8.316	1057	1059	1062	rVV3	1961169	2282145	19.98%	0.854%
45	8.345	1062	1064	1067	rVB2	1475730	1180531	10.34%	0.442%
46	8.375	1067	1069	1072	rBV2	2356135	1914117	16.76%	0.717%
47	8.410	1072	1075	1078	rBV2	3482552	3339359	29.24%	1.250%
48	8.457	1080	1083	1087	rVV3	3166904	3239033	28.36%	1.213%
49	8.492	1087	1089	1091	rVB	1540981	1240257	10.86%	0.464%
50	8.528	1091	1095	1098	rBV2	4295600	4867325	42.61%	1.822%
51	8.634	1107	1113	1116	rBV2	6139279	9202257	80.56%	3.445%
52	8.686	1119	1122	1124	rVV2	2140294	2280255	19.96%	0.854%
53	8.722	1124	1128	1134	rVB5	2391321	3998473	35.01%	1.497%
54	8.781	1134	1138	1140	rBV3	798547	1271692	11.13%	0.476%
55	8.851	1143	1150	1154	rBV6	3666964	5355010	46.88%	2.005%
56	8.904	1157	1159	1161	rVV3	1367243	1280371	11.21%	0.479%
57	8.928	1161	1163	1166	rVV4	1301313	1433695	12.55%	0.537%
58	8.957	1166	1168	1171	rVV3	1313504	1835458	16.07%	0.687%
59	8.986	1171	1173	1177	rVB2	2618340	2355060	20.62%	0.882%
60	9.028	1177	1180	1182	rBV2	1725689	1960755	17.17%	0.734%
61	9.057	1182	1185	1188	rVB2	3341579	2933238	25.68%	1.098%
62	9.198	1203	1209	1212	rVV	5940119	9041707	79.16%	3.385%
63	9.251	1213	1218	1220	rVV2	2434909	3478041	30.45%	1.302%
64	9.357	1231	1236	1237	rBV3	1405089	1812242	15.87%	0.678%
65	9.416	1243	1246	1248	rBV2	1151876	1576644	13.80%	0.590%
66	9.439	1248	1250	1252	rVV2	1988455	2237052	19.59%	0.838%
67	9.463	1252	1254	1256	rVV2	1975353	1806370	15.81%	0.676%
68	9.510	1256	1262	1264	rVV5	3605999	6070935	53.15%	2.273%
69	9.528	1264	1265	1268	rVV	2842364	2322141	20.33%	0.869%
70	9.563	1268	1271	1274	rVB3	2514051	2850494	24.96%	1.067%
71	9.728	1294	1299	1301	rVB	5655043	7027020	61.52%	2.631%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.757	1301	1304	1310	rBV4	2268574	4114278	36.02%	1.540%
73	9.880	1323	1325	1330	rVB4	1146727	1475673	12.92%	0.552%
74	9.945	1333	1336	1340	rBV4	1902751	3122352	27.34%	1.169%
75	9.980	1340	1342	1345	rVV3	1688283	1471985	12.89%	0.551%
76	10.004	1345	1346	1348	rVV	1108371	941417	8.24%	0.352%
77	10.039	1350	1352	1356	rVV3	2689679	2795169	24.47%	1.046%
78	10.151	1369	1371	1375	rVB4	1011234	1167219	10.22%	0.437%
79	10.228	1375	1384	1386	rBV	5955909	8944568	78.31%	3.349%
80	10.439	1416	1420	1422	rVB	3484378	3613166	31.63%	1.353%
81	10.486	1426	1428	1431	rVB2	1291615	933707	8.17%	0.350%
82	10.516	1431	1433	1436	rBV2	1783427	1772790	15.52%	0.664%
83	10.551	1436	1439	1443	rVB4	2161120	2070003	18.12%	0.775%
84	10.698	1459	1464	1472	rBV2	5300467	11422255	100.00%	4.276%
85	10.880	1492	1495	1496	rBV	952279	1016616	8.90%	0.381%
86	11.139	1535	1539	1541	rBV	5236039	6637675	58.11%	2.485%
87	11.169	1541	1544	1549	rVB	4107306	4552166	39.85%	1.704%
88	11.439	1587	1590	1592	rVB	1168197	969154	8.48%	0.363%
89	11.510	1599	1602	1605	rVB2	1442943	1524893	13.35%	0.571%
90	11.563	1606	1611	1614	rBV	5457842	6074404	53.18%	2.274%
91	11.716	1634	1637	1642	rBV	704670	992514	8.69%	0.372%
92	11.963	1675	1679	1682	rVB	5135145	5358243	46.91%	2.006%
93	12.110	1701	1704	1709	rBV4	537486	880097	7.71%	0.329%
94	12.233	1722	1725	1733	rVB2	968588	1201411	10.52%	0.450%
95	12.345	1740	1744	1747	rVB	4913433	4947570	43.32%	1.852%
96	12.710	1803	1806	1809	rVB	3778926	3561080	31.18%	1.333%
97	12.821	1822	1825	1834	rVB2	1080813	1556743	13.63%	0.583%
98	13.063	1862	1866	1869	rVB	2197702	1964856	17.20%	0.736%
99	13.404	1920	1924	1927	rBV	1289014	1201064	10.52%	0.450%
100	13.868	1999	2003	2011	rVB	1006046	940273	8.23%	0.352%

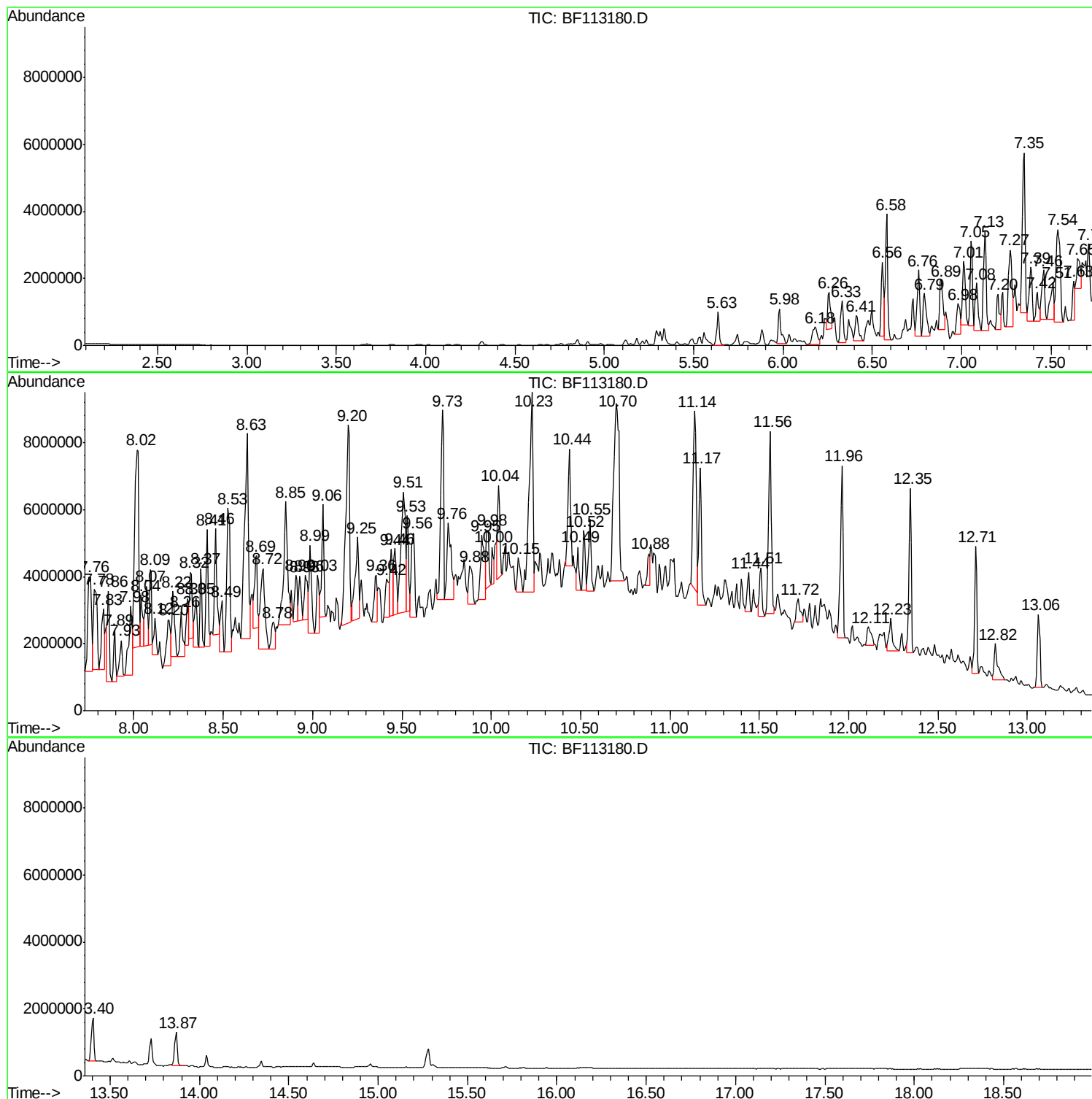
Sum of corrected areas: 267109193

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

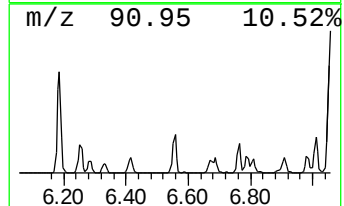
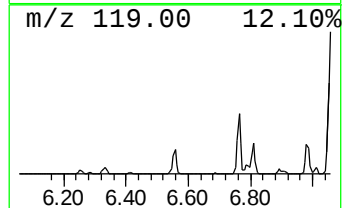
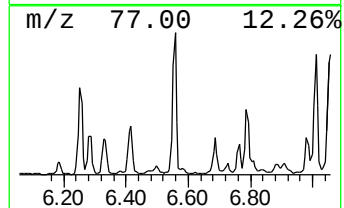
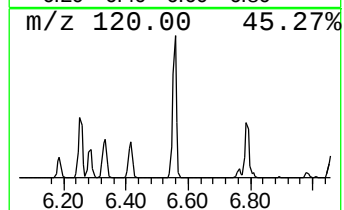
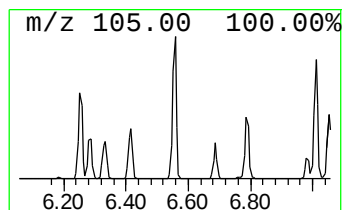
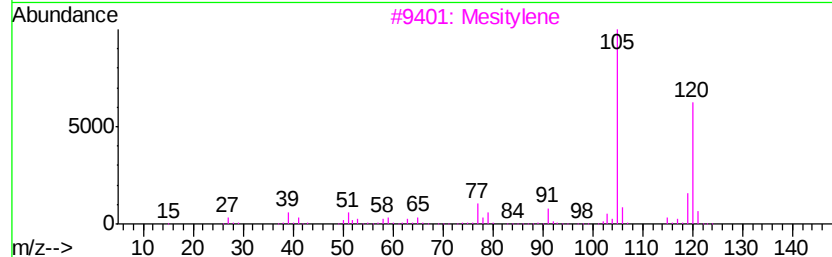
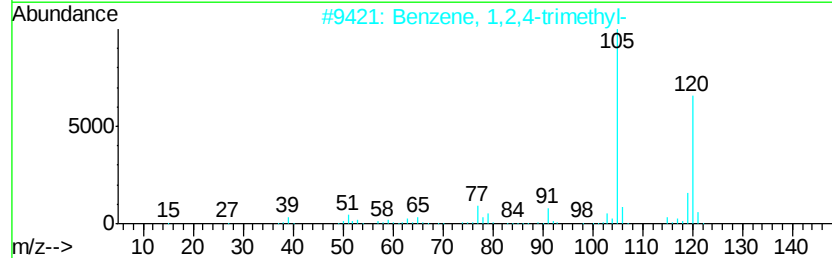
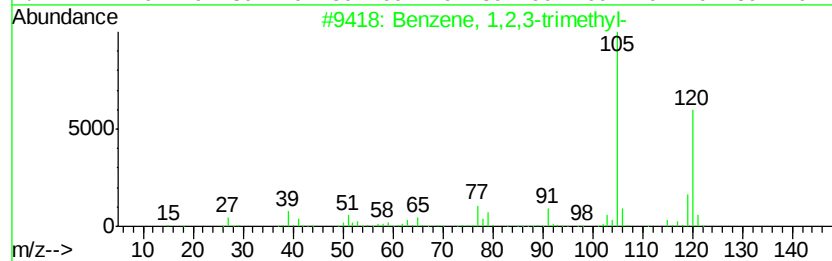
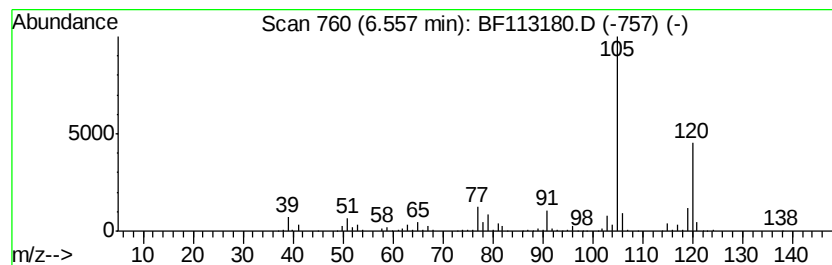
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.01 ng	1869030	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

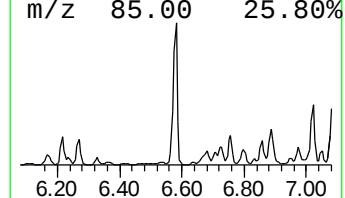
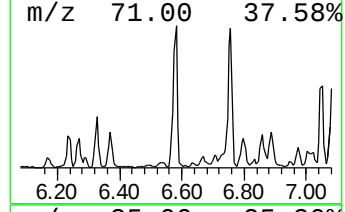
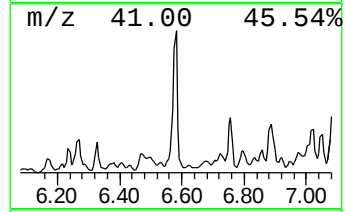
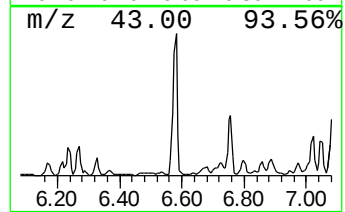
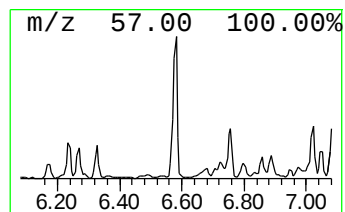
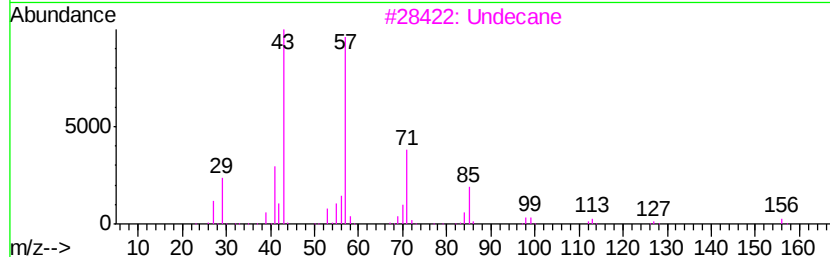
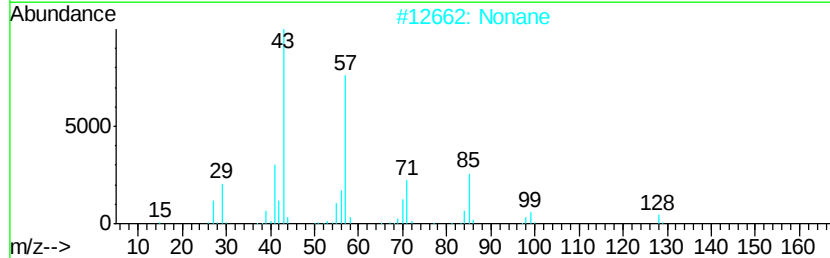
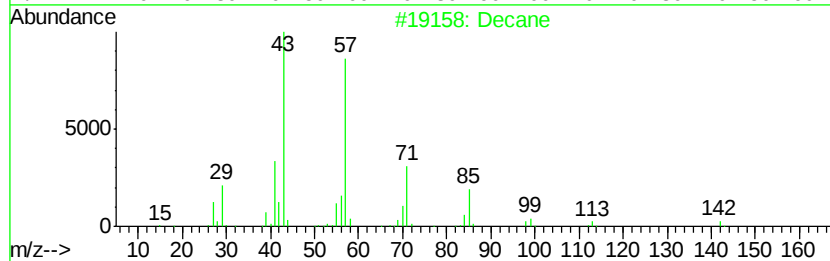
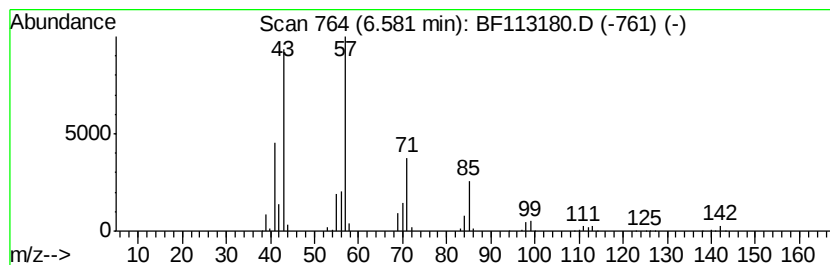
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	38.92 ng	3634590	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Nonane	128	C9H20	000111-84-2	86
3	Undecane	156	C11H24	001120-21-4	78
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	76
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

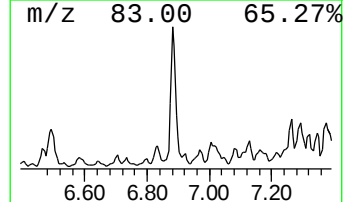
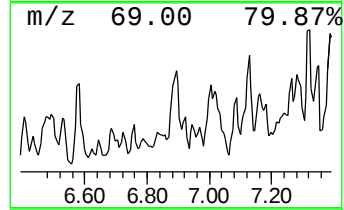
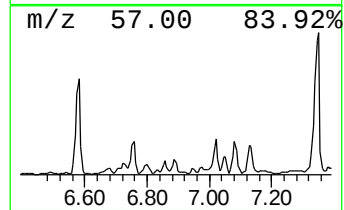
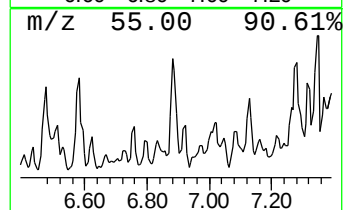
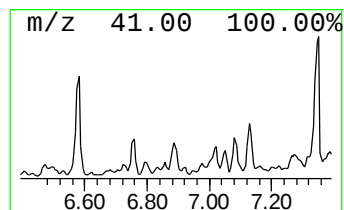
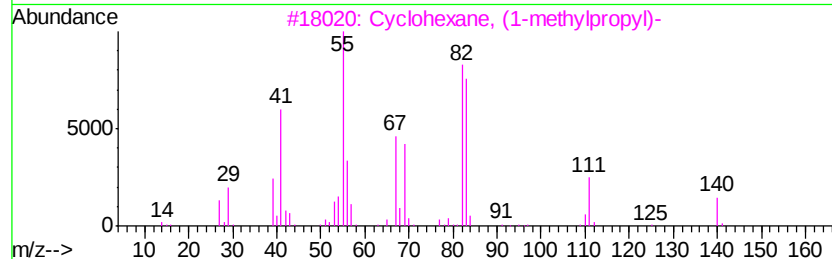
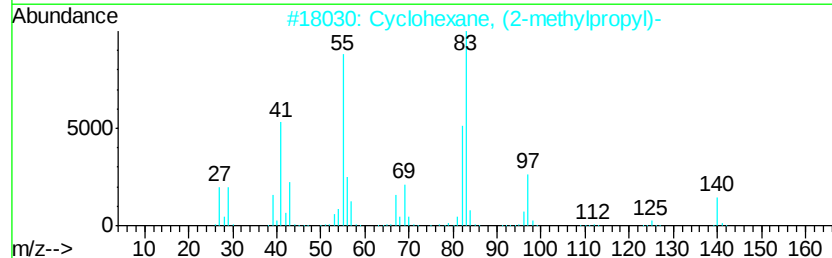
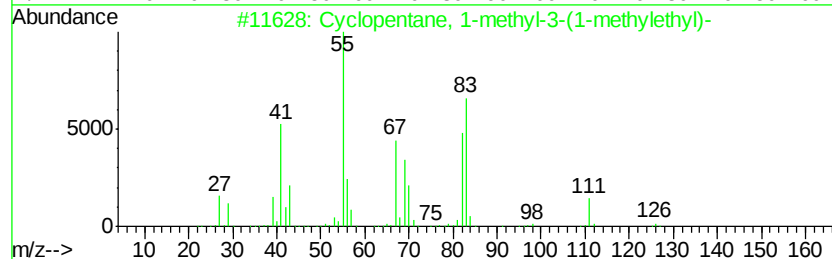
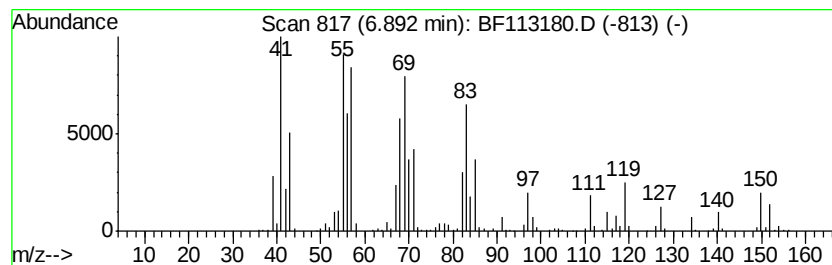
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.89 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	19.46 ng	1817110	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	46
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
4		1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	35
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

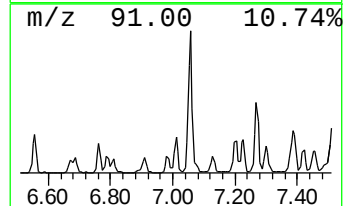
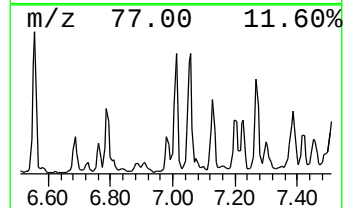
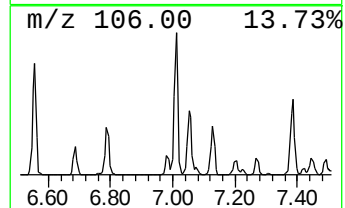
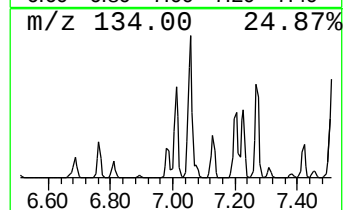
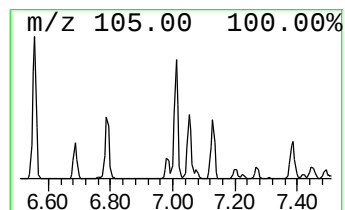
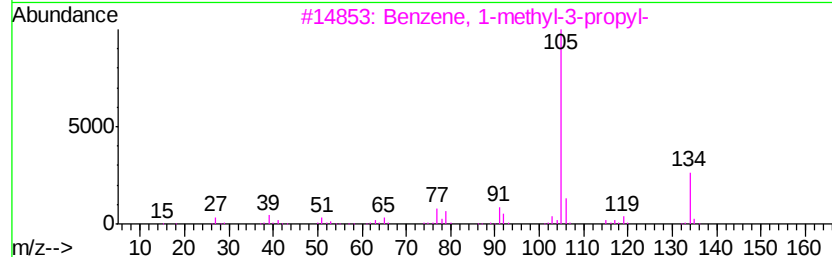
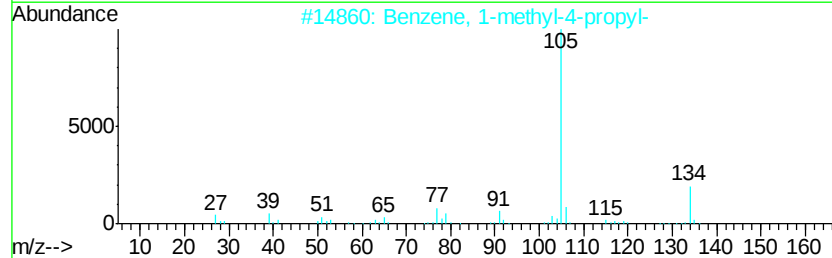
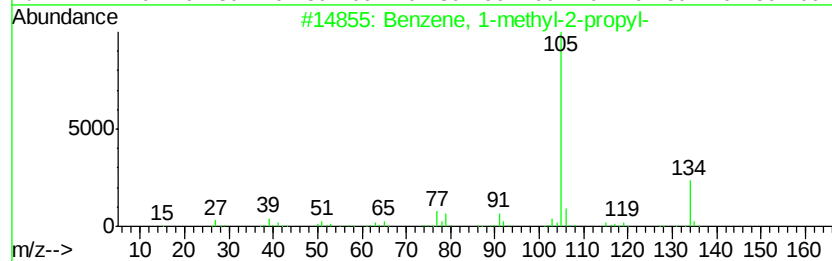
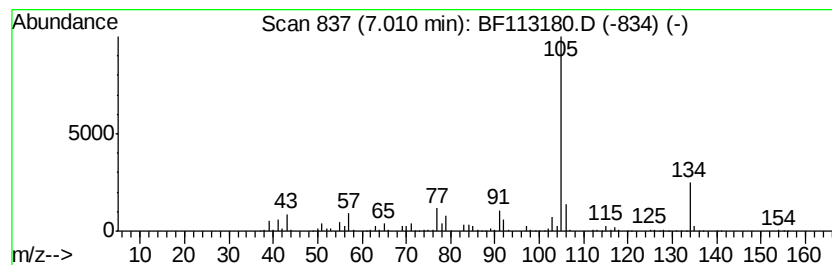
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-2-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	24.46 ng	2284670	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		2-Tolyloxirane	134	C9H10O	002783-26-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
30206-10

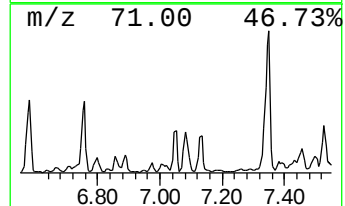
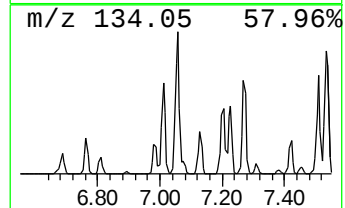
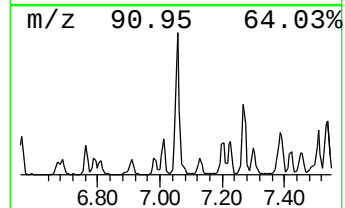
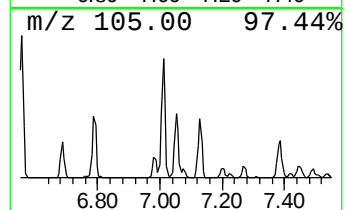
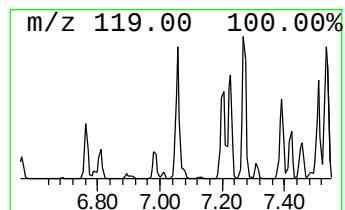
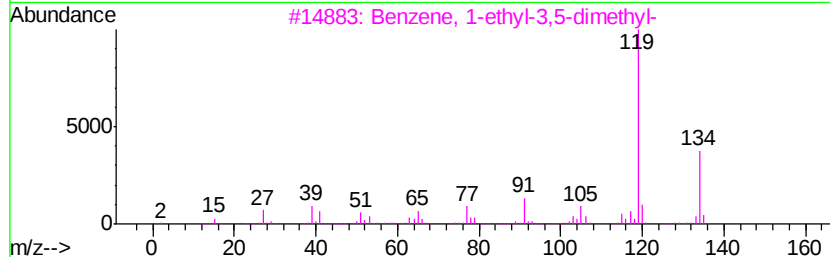
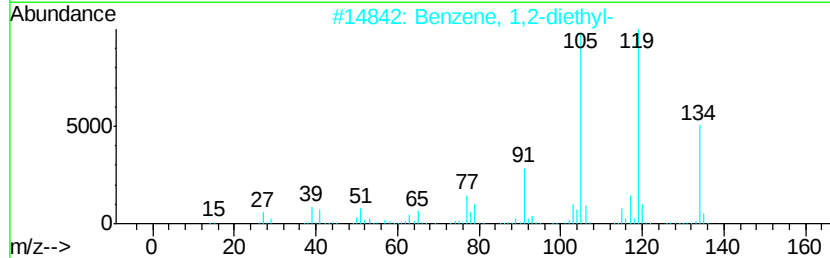
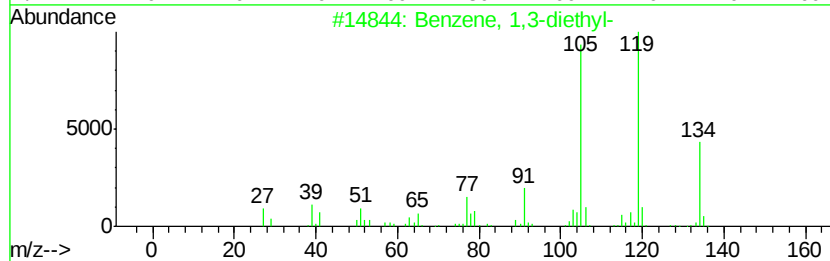
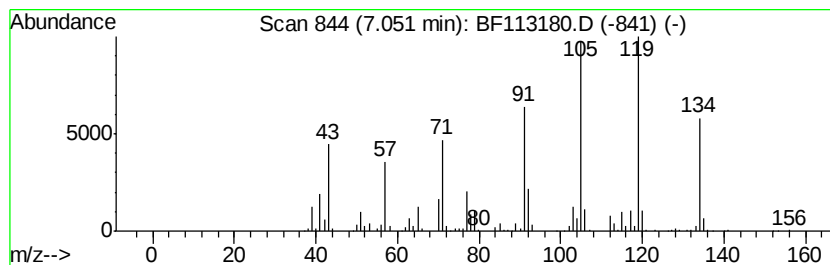
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	26.15 ng	2442590	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

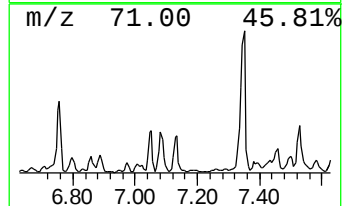
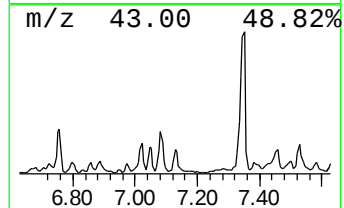
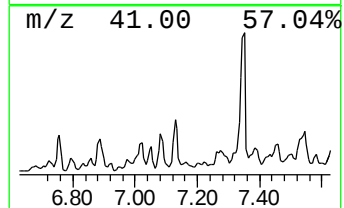
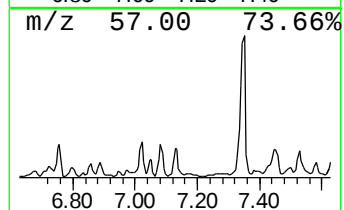
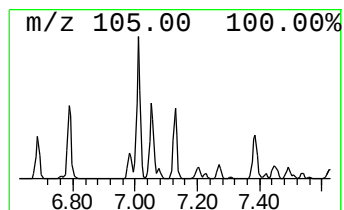
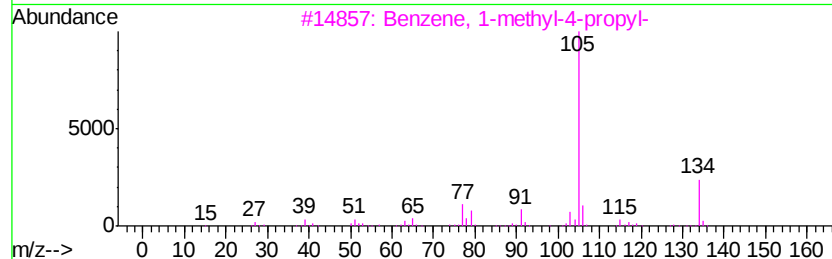
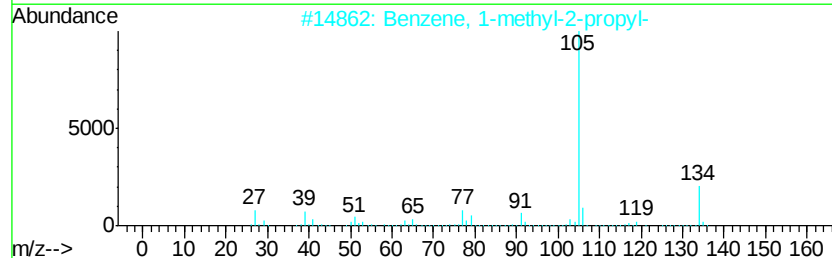
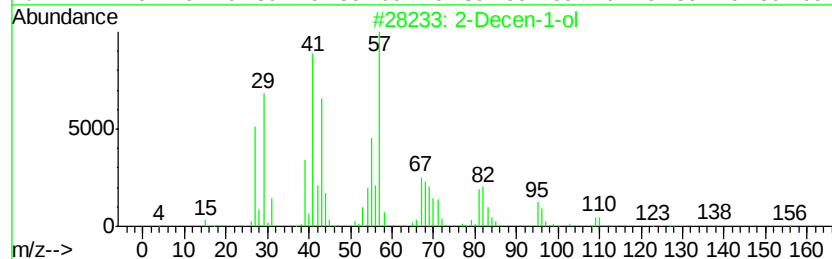
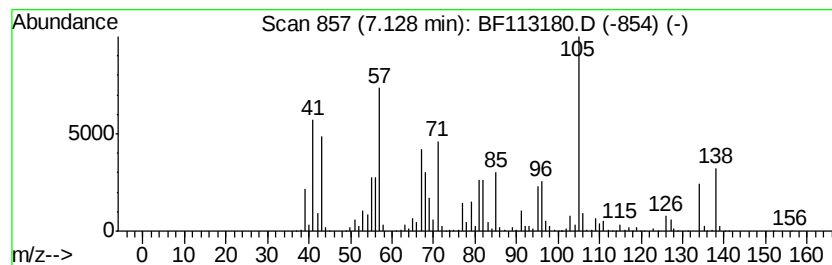
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	29.78 ng	2781220	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decen-1-ol	156	C10H20O	022104-80-9	27
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	25
5		Decane, 3-methyl-	156	C11H24	013151-34-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

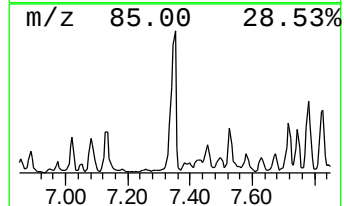
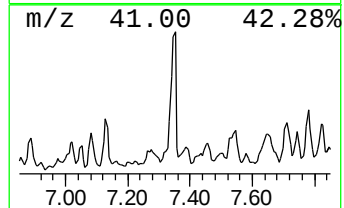
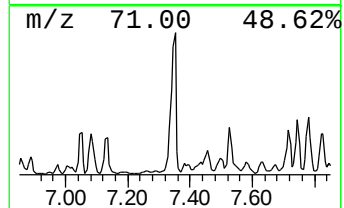
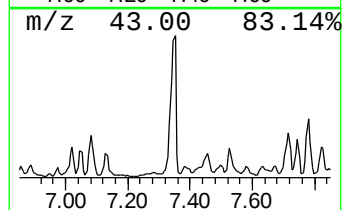
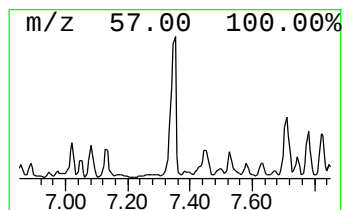
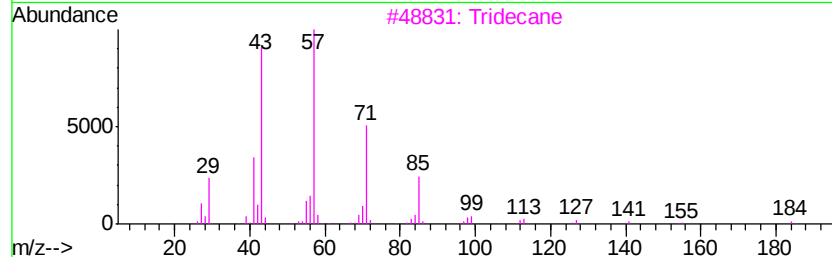
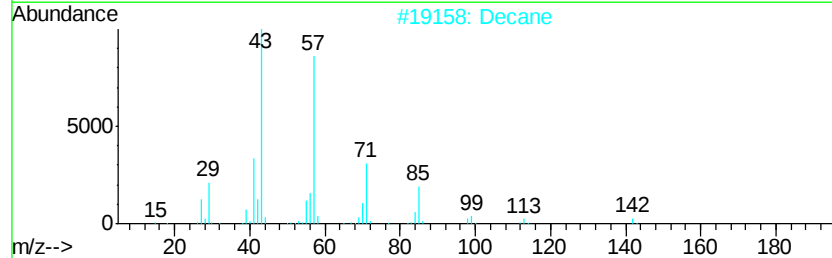
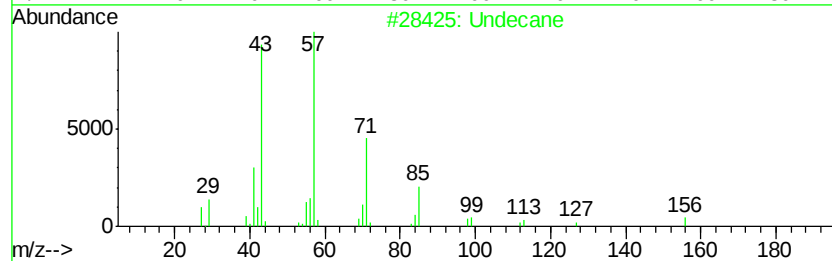
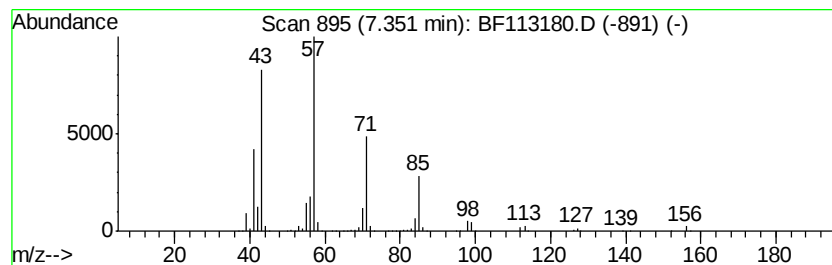
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	51.85 ng	4842340	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Decane	142	C10H22	000124-18-5	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

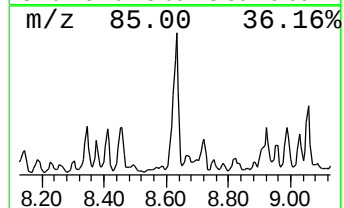
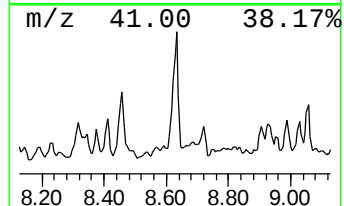
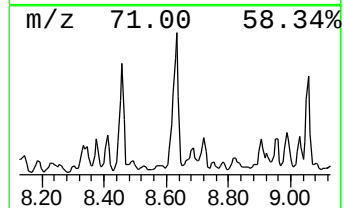
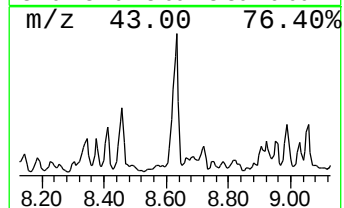
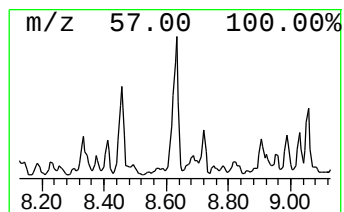
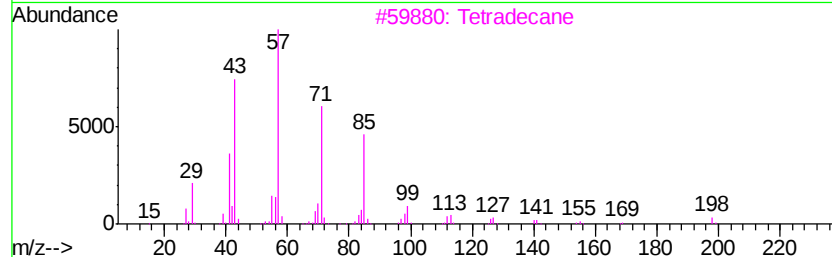
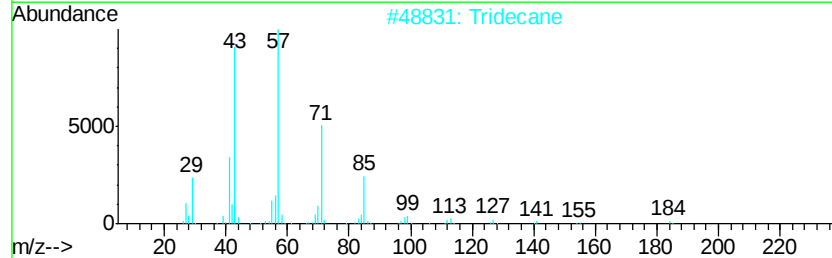
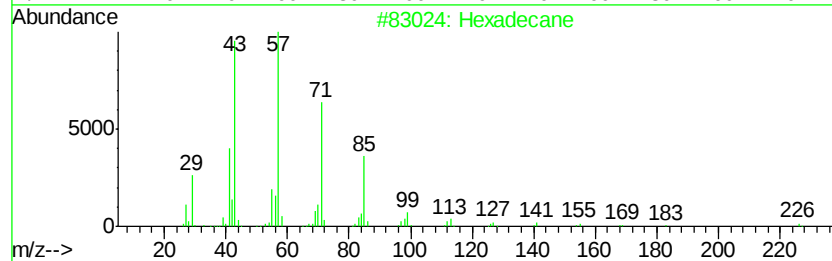
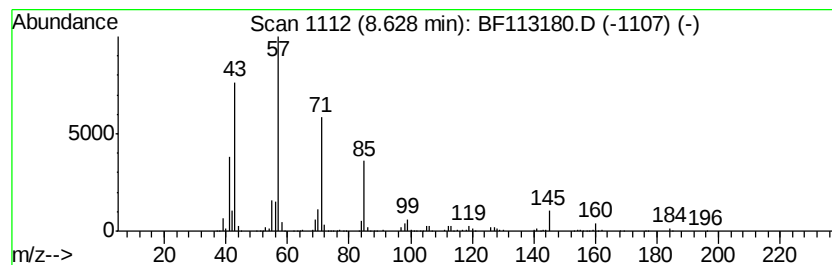
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	21.36 ng	9202260	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Tridecane	184	C13H28	000629-50-5	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5		Nonadecane	268	C19H40	000629-92-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

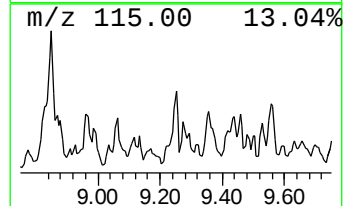
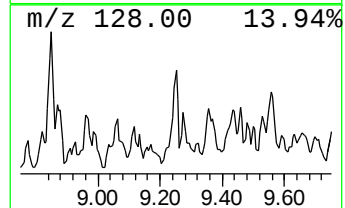
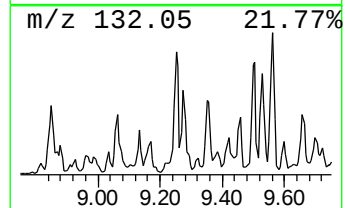
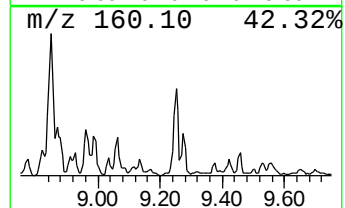
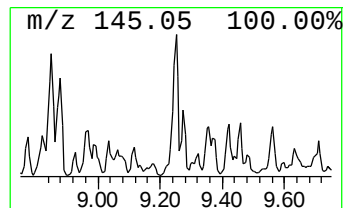
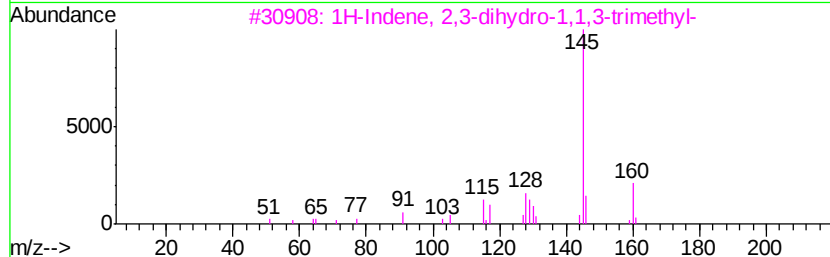
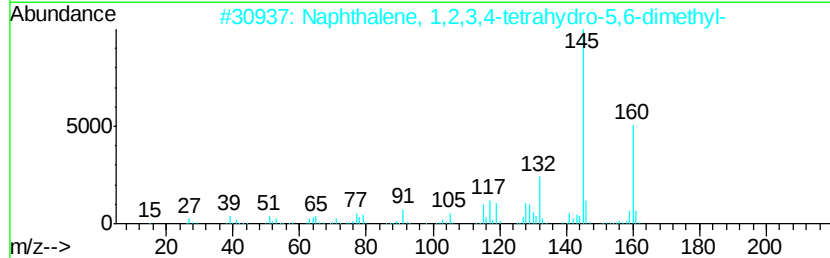
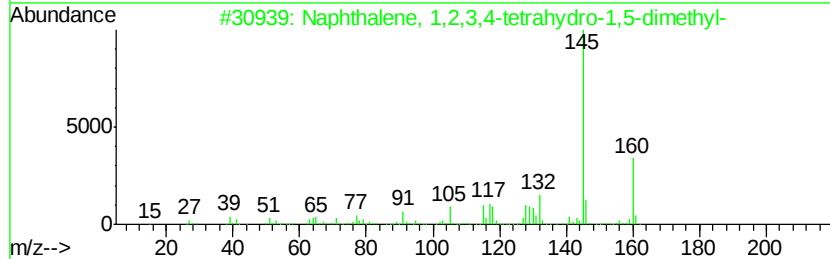
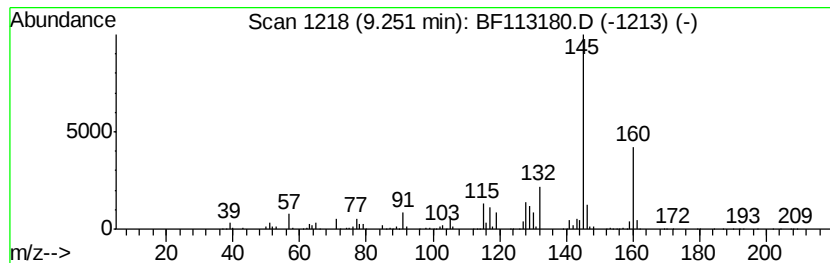
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	16.91 ng	3478040	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

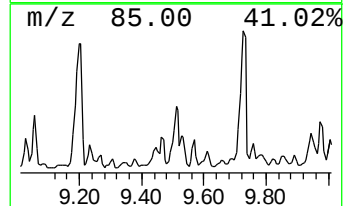
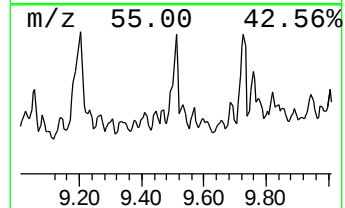
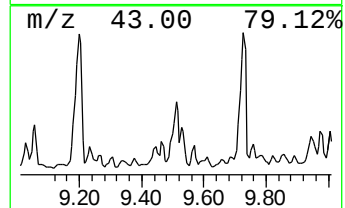
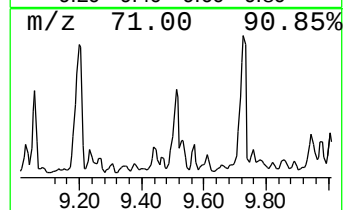
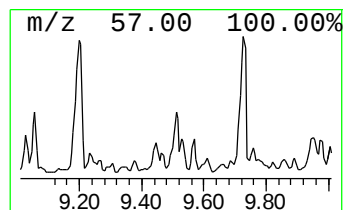
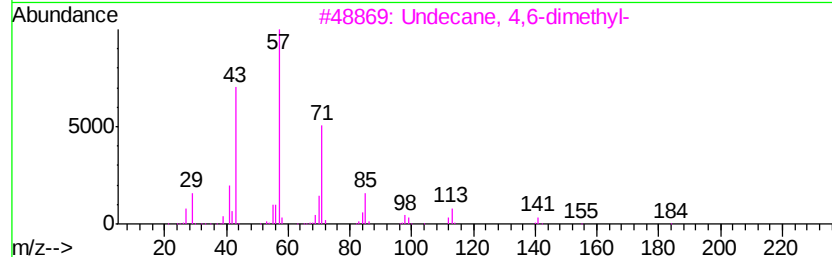
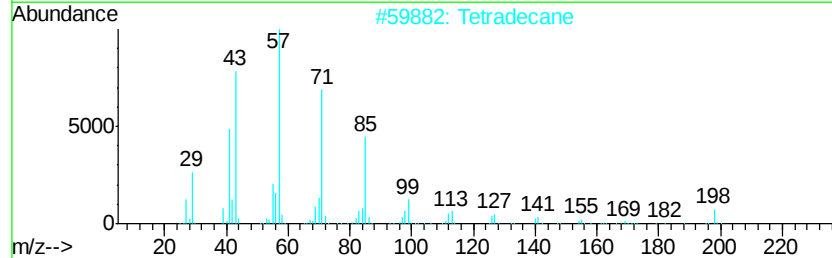
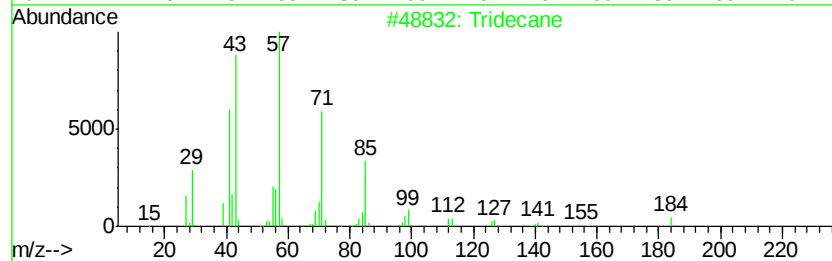
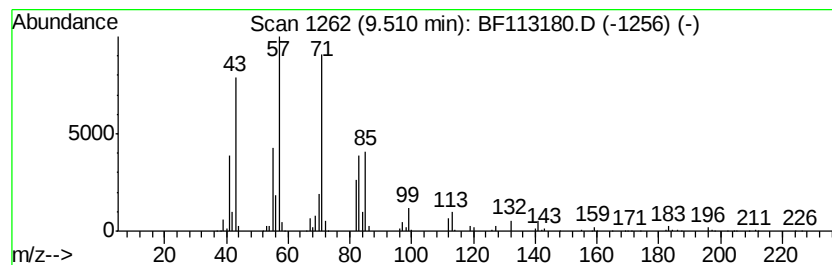
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	29.51 ng	6070940	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Tetradecane	198	C14H30	000629-59-4	58
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	55
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

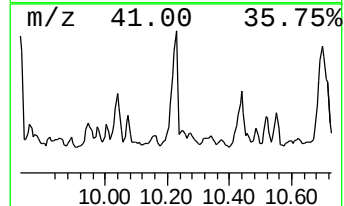
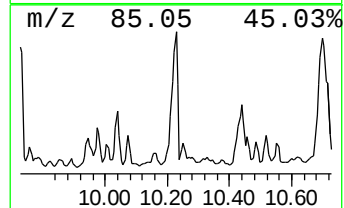
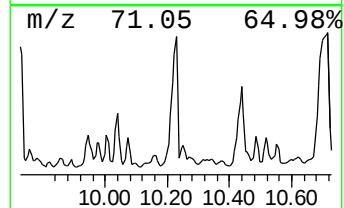
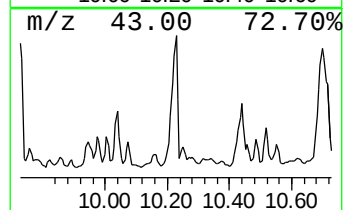
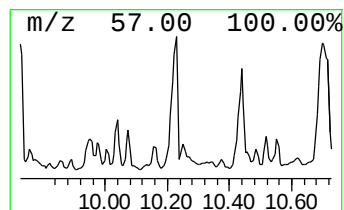
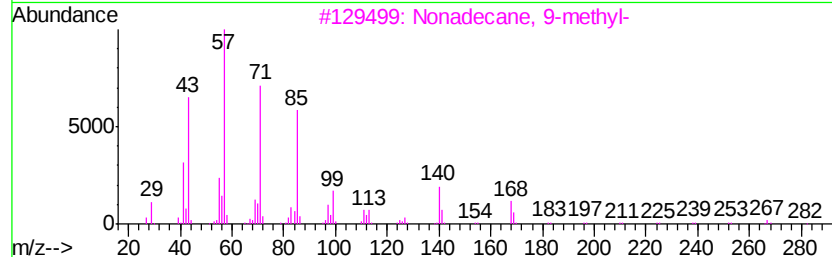
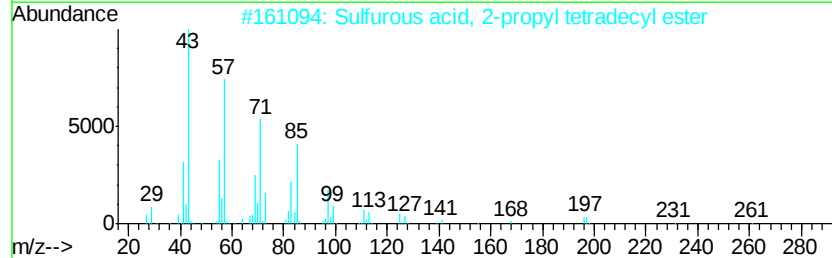
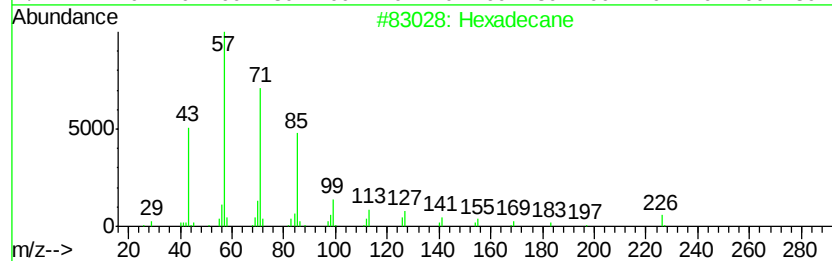
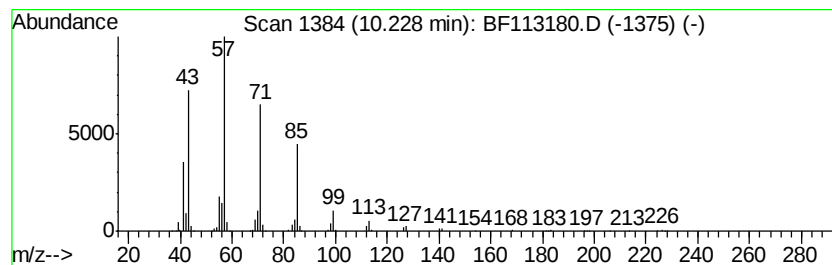
Instrument :
BNA_F
ClientSampleId :
30206-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	43.48 ng	8944570	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 91
2	Sulfurous acid, 2-propyl tetradec...		320 C17H36O3S	1000309-12-5 83
3	Nonadecane, 9-methyl-		282 C20H42	013287-24-6 83
4	Nonane, 5-(2-methylpropyl)-		184 C13H28	062185-53-9 59
5	Bacchotricuneatin c		342 C20H22O5	066563-30-2 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

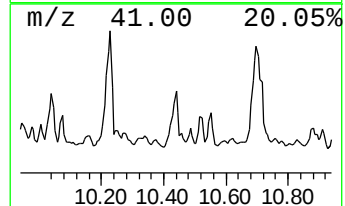
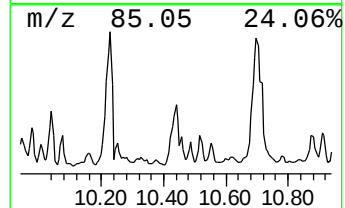
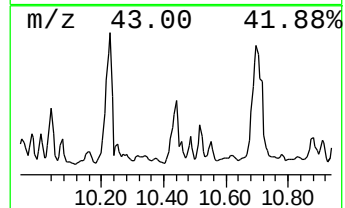
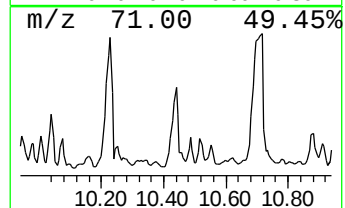
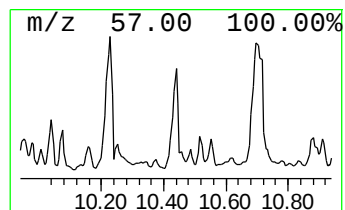
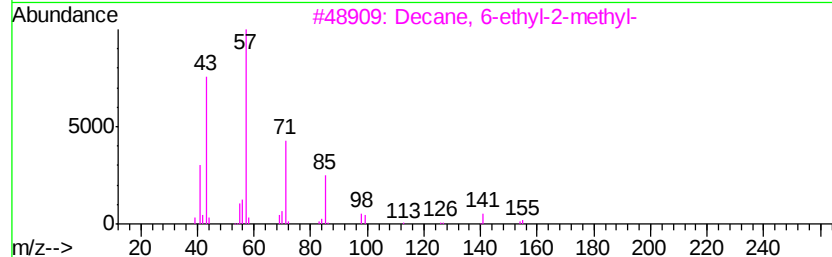
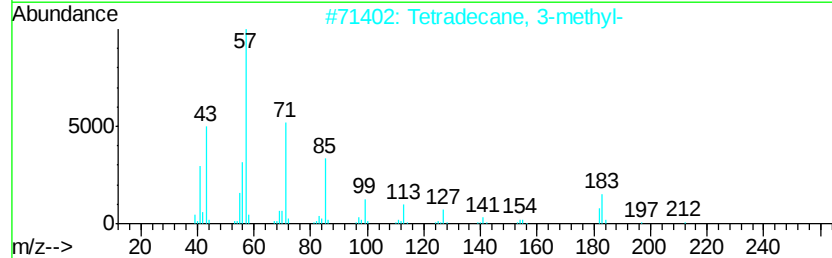
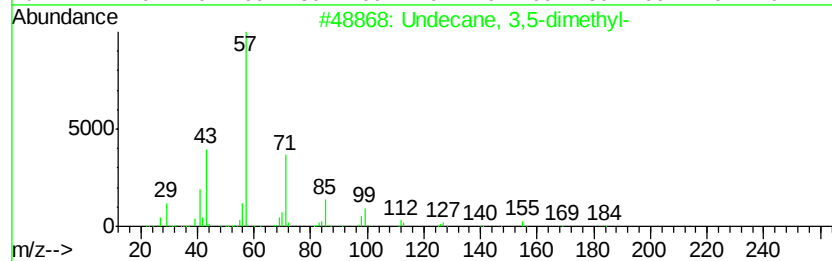
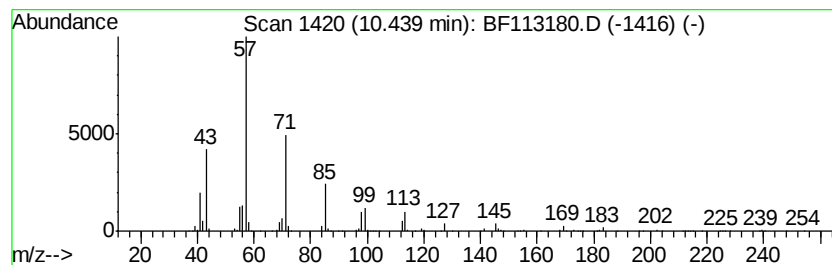
Instrument :
BNA_F
ClientSampleId :
30206-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	17.56 ng	3613170	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
2	Tetradecane, 3-methyl-	212 C15H32	018435-22-8	53
3	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	50
4	Hexadecane	226 C16H34	000544-76-3	50
5	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

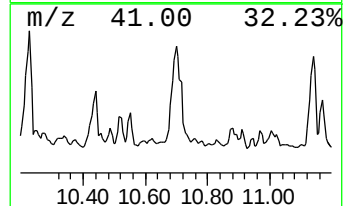
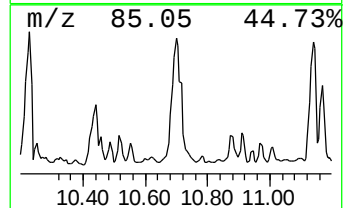
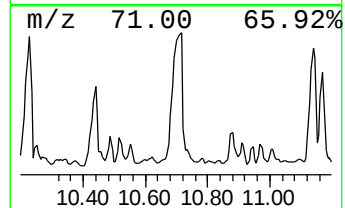
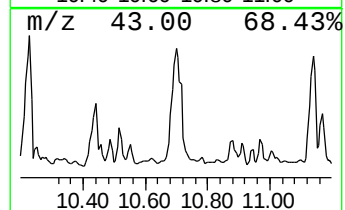
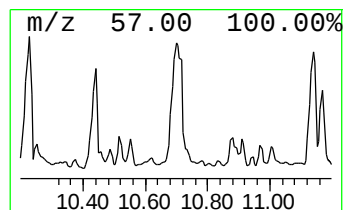
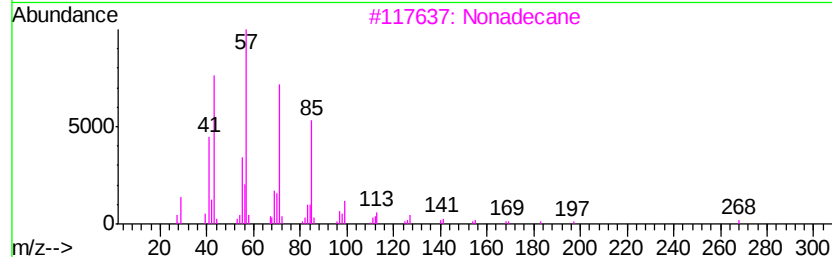
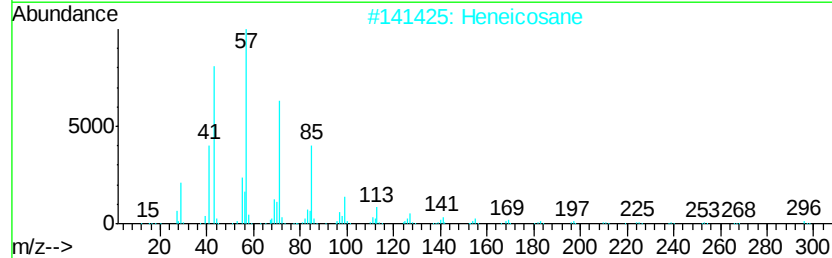
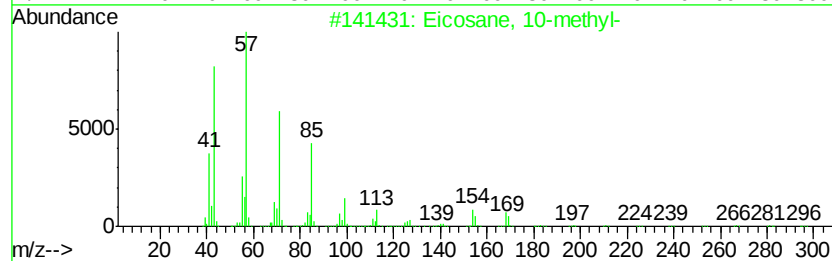
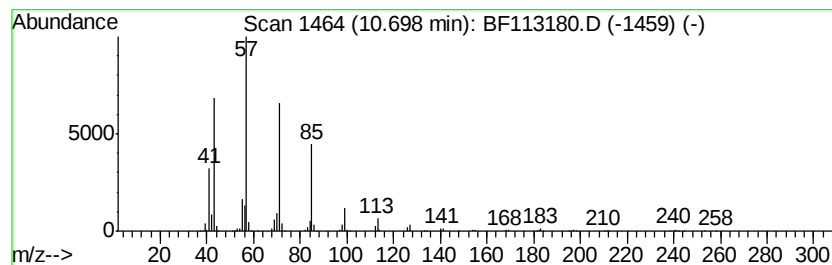
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	50.18 ng	11422300	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

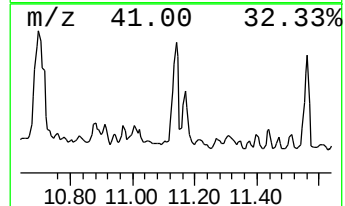
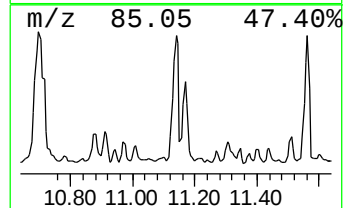
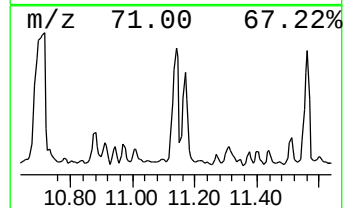
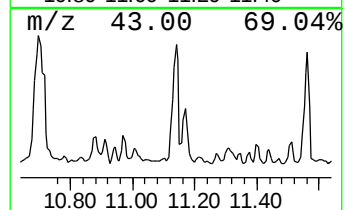
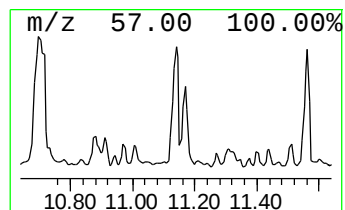
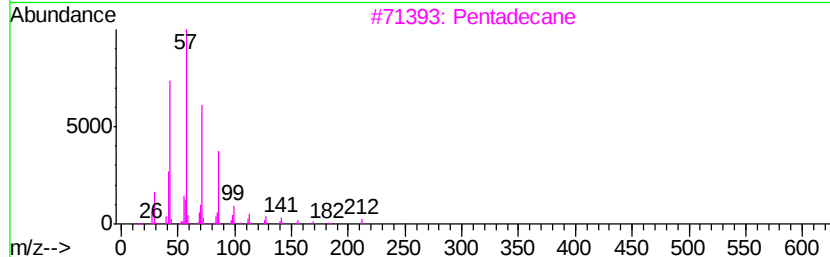
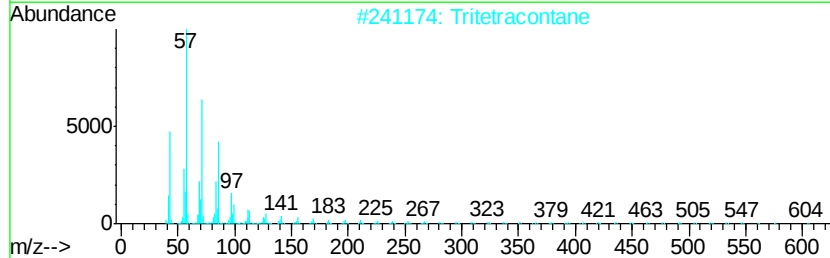
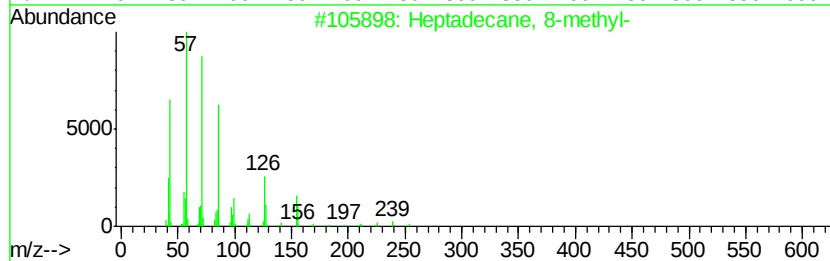
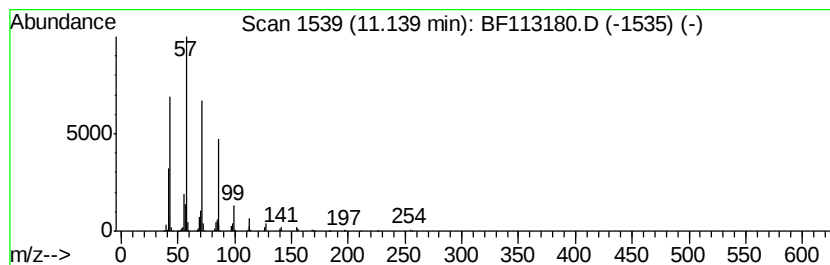
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 8-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	29.16 ng	6637680	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

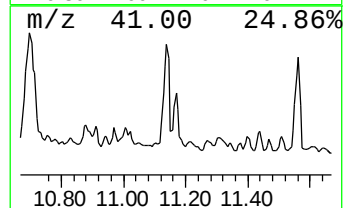
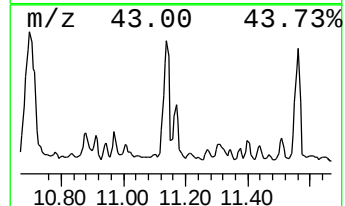
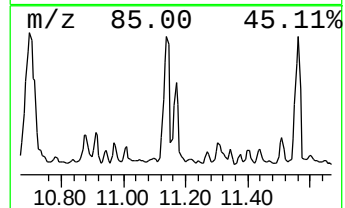
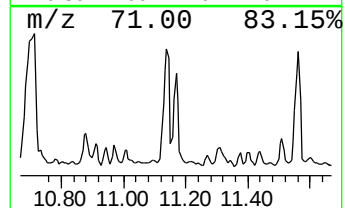
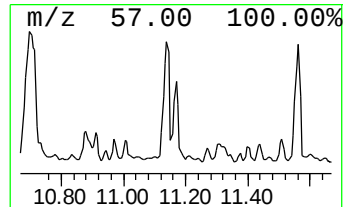
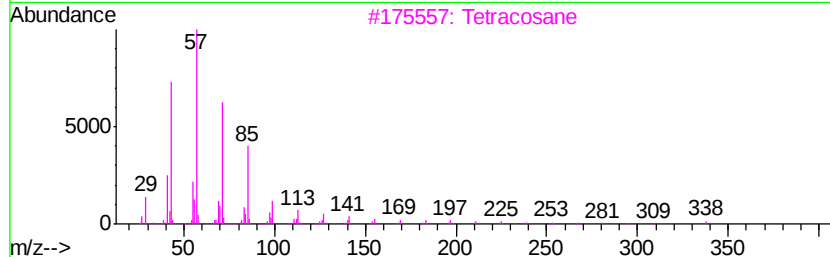
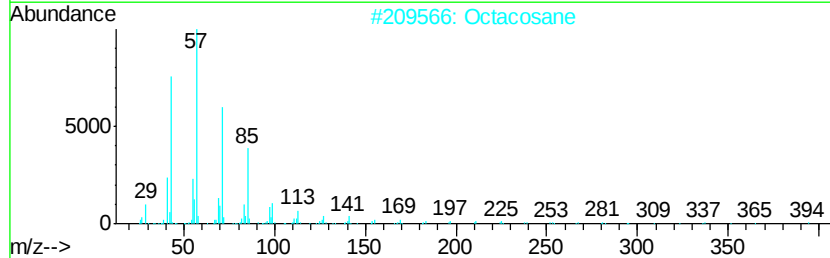
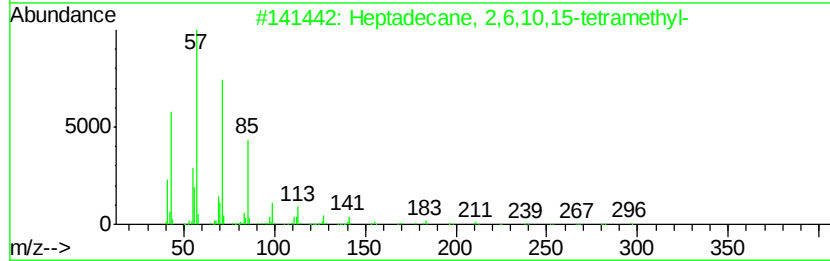
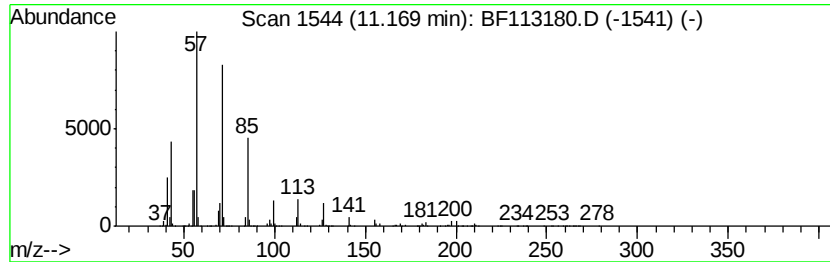
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	20.00 ng	4552170	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Tetracosane	338	C24H50	000646-31-1	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	74
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

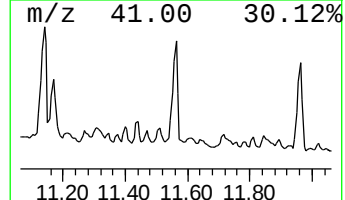
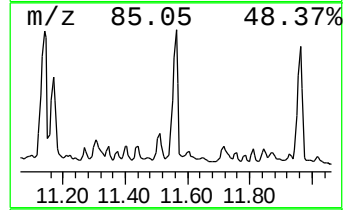
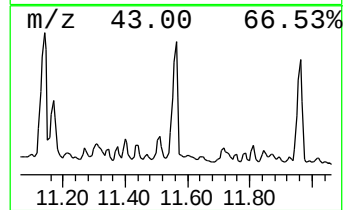
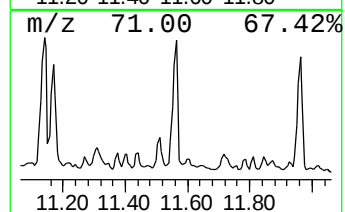
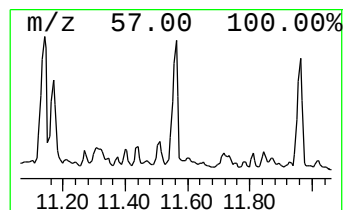
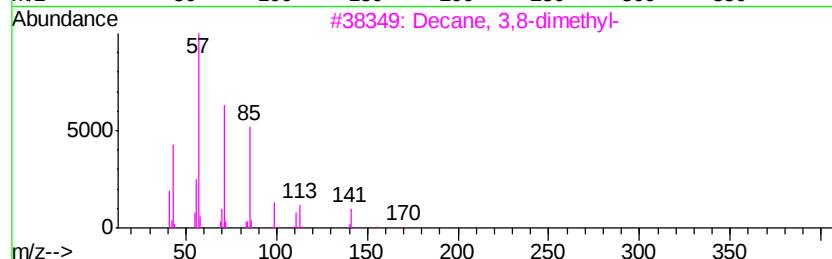
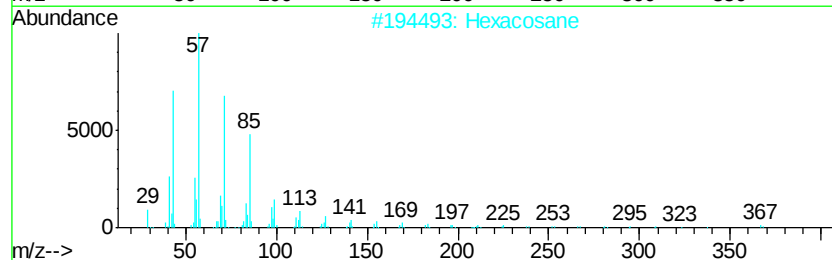
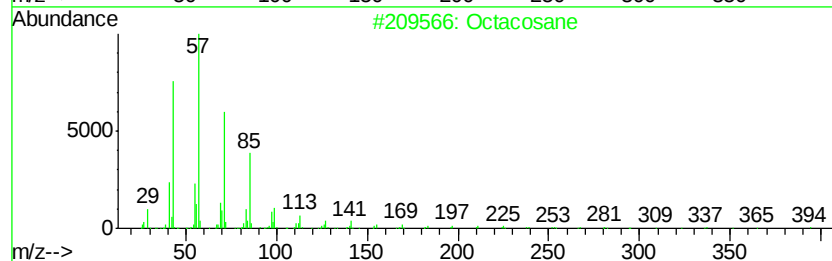
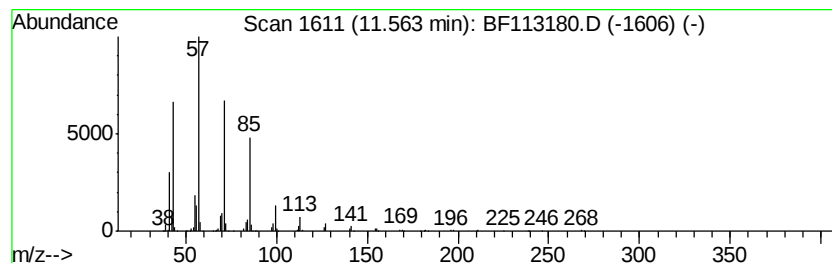
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	26.69 ng	6074400	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

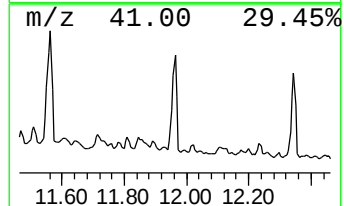
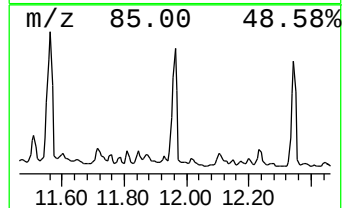
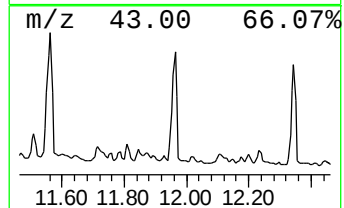
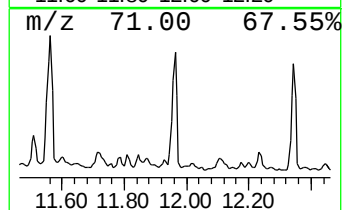
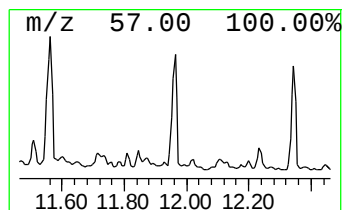
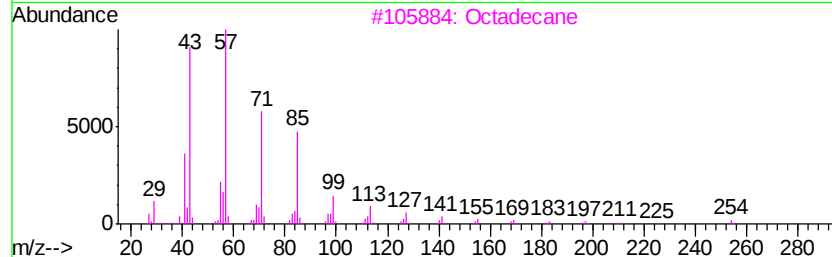
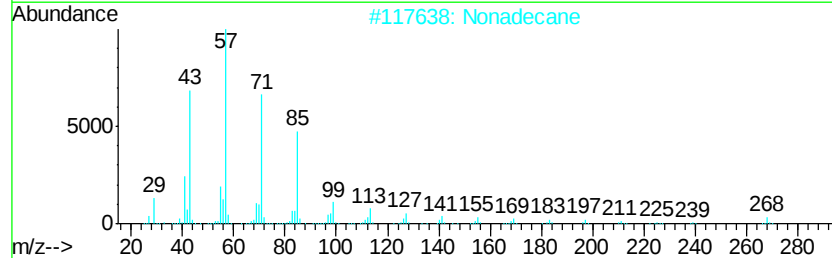
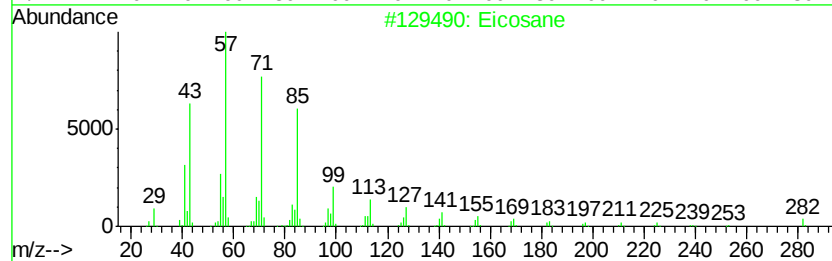
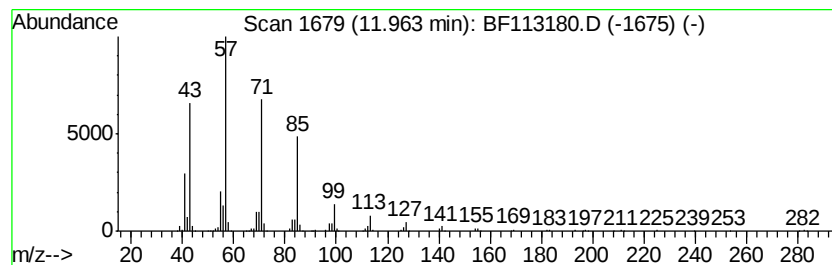
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	23.54 ng	5358240	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

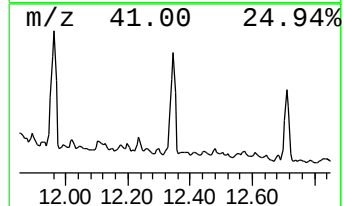
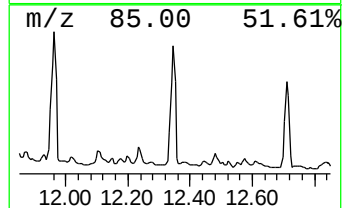
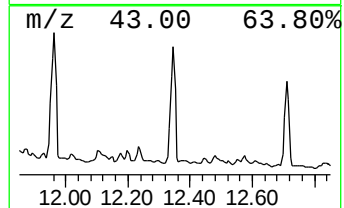
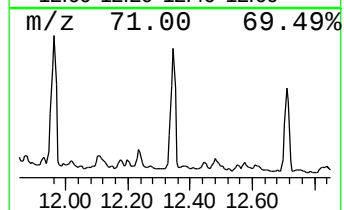
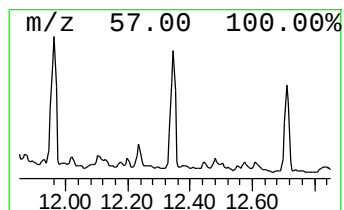
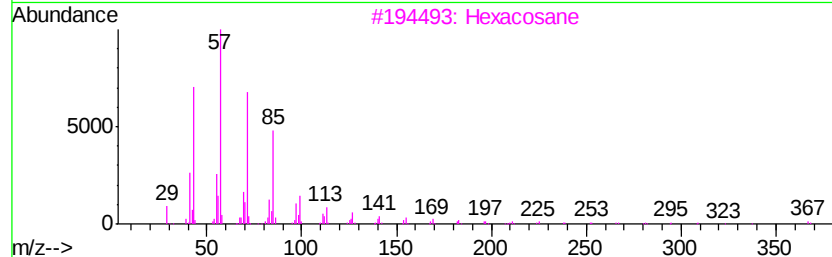
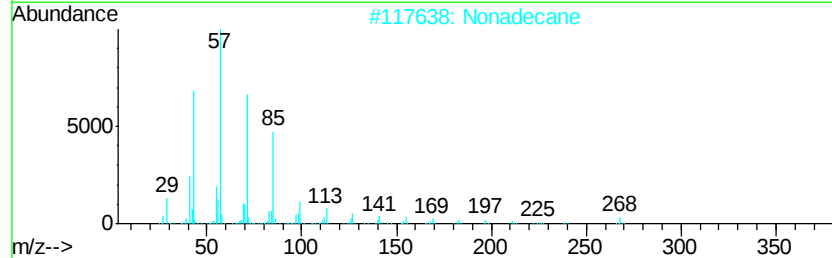
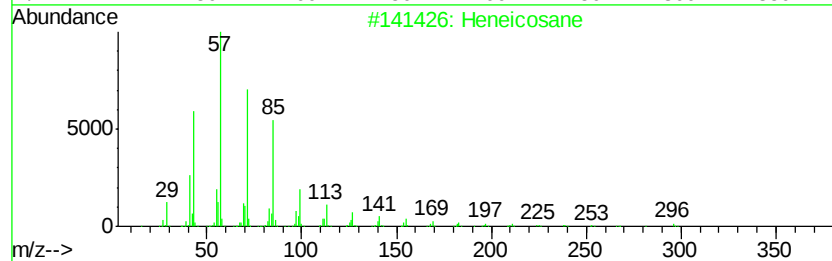
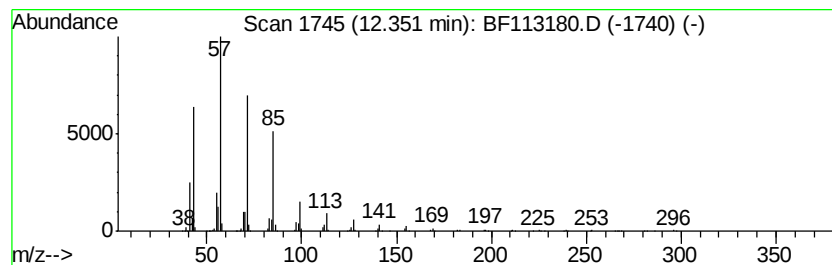
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	21.74 ng	4947570	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30206-10

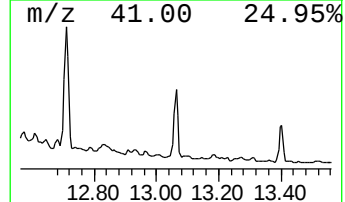
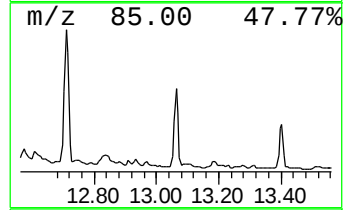
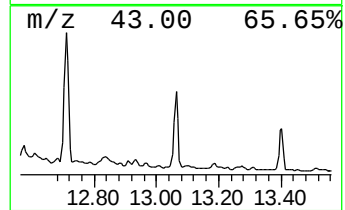
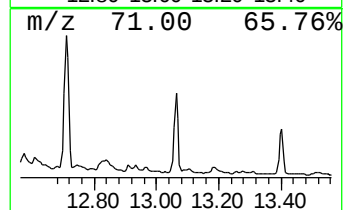
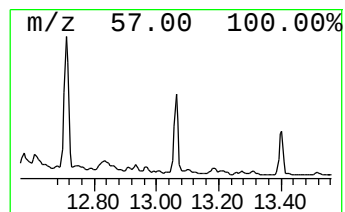
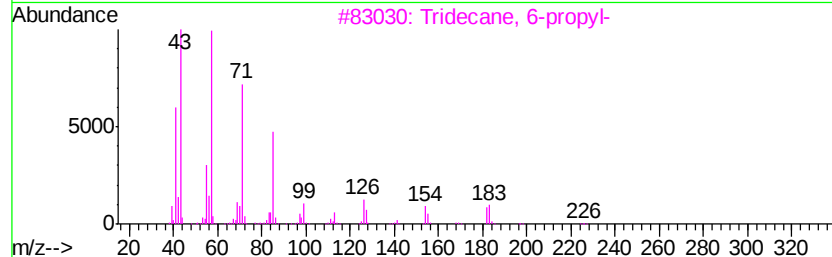
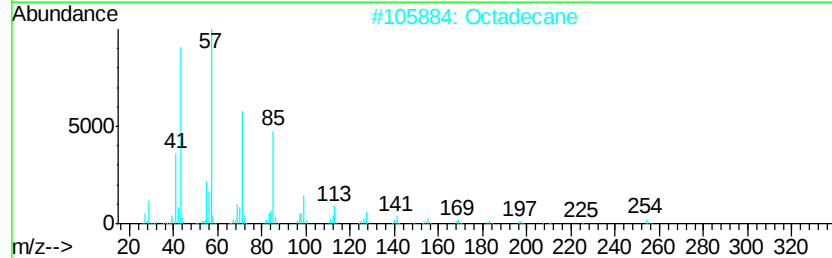
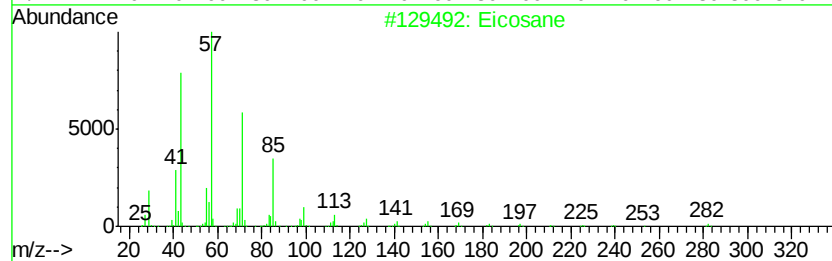
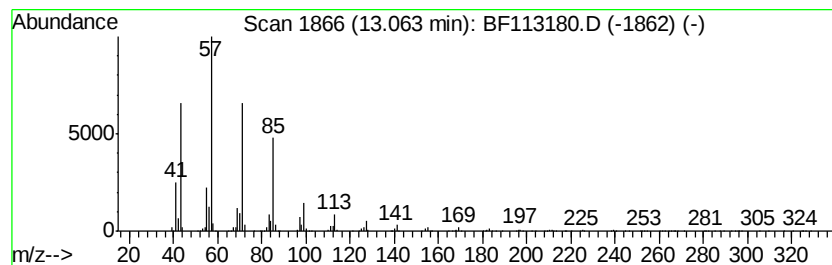
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	41.79 ng	1964860	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octadecane	254	C18H38	000593-45-3	91
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113180.D
Acq On : 20 Mar 2019 19:29
Operator : JU/SJ
Sample : K1994-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

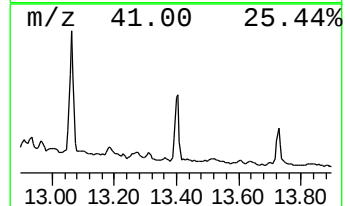
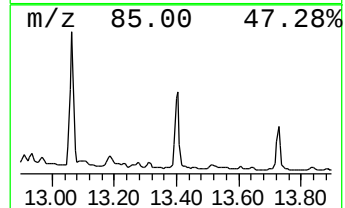
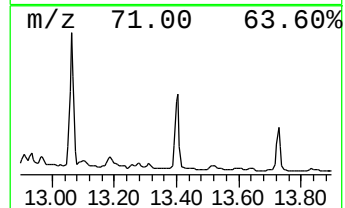
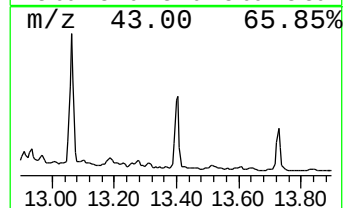
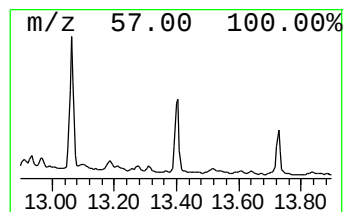
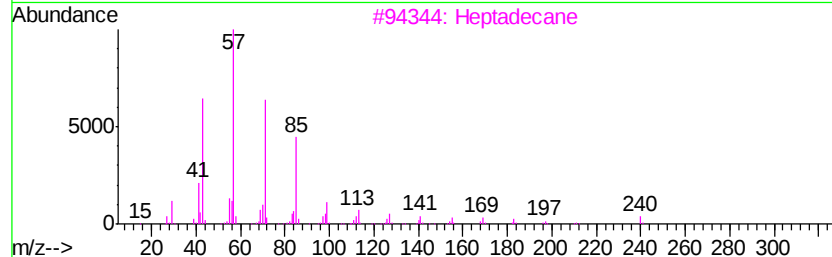
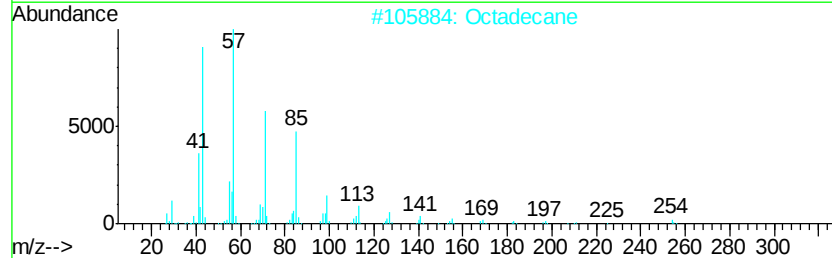
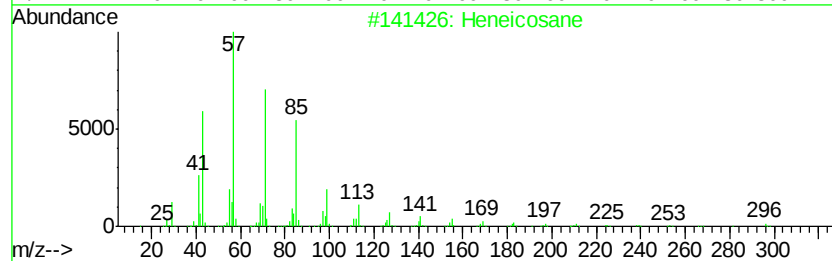
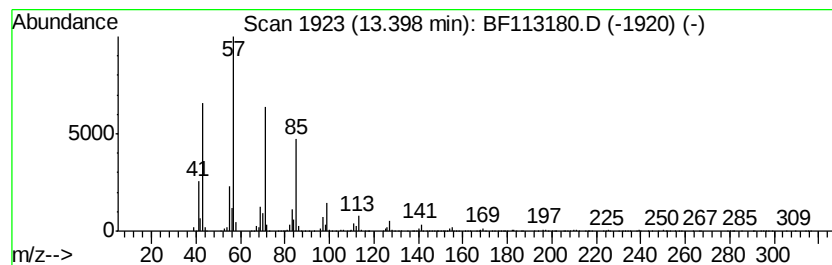
Instrument :
BNA_F
ClientSampleId :
30206-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane, 10-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.40	25.55 ng	1201060	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30206-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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, 1,2,3-tr...	6.56	20.0	ng	1869030	1	6.73	1867940	20.0
Decane	6.58	38.9	ng	3634590	1	6.73	1867940	20.0
unknown6.89	6.89	19.5	ng	1817110	1	6.73	1867940	20.0
Benzene, 1-methyl...	7.01	24.5	ng	2284670	1	6.73	1867940	20.0
Benzene, 1,3-diet...	7.05	26.1	ng	2442590	1	6.73	1867940	20.0
unknown7.13	7.13	29.8	ng	2781220	1	6.73	1867940	20.0
Undecane	7.35	51.9	ng	4842340	1	6.73	1867940	20.0
Tetradecane	8.63	21.4	ng	9202260	2	8.02	8618200	20.0
Naphthalene, 1,2,...	9.25	16.9	ng	3478040	3	9.77	4114280	20.0
Tridecane	9.51	29.5	ng	6070940	3	9.77	4114280	20.0
Hexadecane	10.23	43.5	ng	8944570	3	9.77	4114280	20.0
Undecane, 3,5-dim...	10.44	17.6	ng	3613170	3	9.77	4114280	20.0
Nonadecane	10.70	50.2	ng	11422300	4	11.25	4552170	20.0
Heptadecane, 8-me...	11.14	29.2	ng	6637680	4	11.25	4552170	20.0
Heptadecane, 2,6,...	11.17	20.0	ng	4552170	4	11.25	4552170	20.0
Octacosane	11.56	26.7	ng	6074400	4	11.25	4552170	20.0
Tridecane, 1-iodo-	11.96	23.5	ng	5358240	4	11.25	4552170	20.0
Heneicosane	12.35	21.7	ng	4947570	4	11.25	4552170	20.0
Eicosane	13.06	41.8	ng	1964860	5	13.87	940273	20.0
Eicosane, 10-methyl-	13.40	25.6	ng	1201060	5	13.87	940273	20.0