

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111417\
 Data File : BF100554.D
 Acq On : 14 Nov 2017 20:30
 Operator : SJ/JU
 Sample : I6441-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A-11B

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-BF110817.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	5.093	508	511	517	rBV2	95874	106628	8.89%	0.419%
2	5.493	569	579	583	rBV	598158	565012	47.09%	2.218%
3	5.793	627	630	633	rBV	124612	101459	8.46%	0.398%
4	6.128	683	687	694	rVV2	106705	179685	14.98%	0.705%
5	6.322	715	720	723	rBV3	59272	77901	6.49%	0.306%
6	6.381	728	730	732	rVV	92076	66136	5.51%	0.260%
7	6.410	732	735	739	rVV2	194520	250456	20.88%	0.983%
8	6.469	742	745	747	rVV	90587	96965	8.08%	0.381%
9	6.498	747	750	754	rVV	625797	534174	44.52%	2.097%
10	6.557	758	760	763	rVV3	48774	62140	5.18%	0.244%
11	6.645	772	775	783	rVB	605058	622269	51.87%	2.443%
12	6.716	783	787	790	rBV2	682390	654743	54.57%	2.571%
13	6.845	806	809	811	rBV3	52439	61129	5.10%	0.240%
14	6.887	813	816	819	rVB2	910079	883750	73.66%	3.470%
15	6.940	822	825	828	rBV	150790	129495	10.79%	0.508%
16	6.992	832	834	837	rVB	69331	58630	4.89%	0.230%
17	7.040	837	842	844	rBV2	502673	557351	46.45%	2.188%
18	7.157	856	862	864	rVB	295440	285941	23.83%	1.123%
19	7.187	864	867	868	rBV	128025	119792	9.98%	0.470%
20	7.216	870	872	876	rVB	225549	192004	16.00%	0.754%
21	7.263	876	880	885	rBV3	191479	297929	24.83%	1.170%
22	7.310	885	888	892	rVB2	69065	84272	7.02%	0.331%
23	7.416	900	906	908	rBV4	215553	281953	23.50%	1.107%
24	7.440	908	910	912	rBV	297290	203981	17.00%	0.801%
25	7.475	912	916	920	rVB	1424180	1199772	100.00%	4.710%
26	7.528	920	925	928	rBV5	190230	271863	22.66%	1.067%
27	7.587	928	935	939	rBV5	166653	323502	26.96%	1.270%
28	7.657	944	947	949	rBV2	159075	141337	11.78%	0.555%
29	7.763	958	965	966	rBV6	78245	102467	8.54%	0.402%
30	7.781	966	968	970	rVV2	199528	177343	14.78%	0.696%
31	7.804	970	972	976	rVV2	180931	211416	17.62%	0.830%
32	7.840	976	978	981	rVV2	169841	198230	16.52%	0.778%
33	7.875	981	984	987	rVV3	175362	159431	13.29%	0.626%
34	7.910	987	990	995	rVV2	385684	416446	34.71%	1.635%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111417\
 Data File : BF100554.D
 Acq On : 14 Nov 2017 20:30
 Operator : SJ/JU
 Sample : I6441-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A-11B

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.957	995	998	1000	rVV	145622	139800	11.65%	0.549%
36	7.981	1000	1002	1004	rVV3	76836	70918	5.91%	0.278%
37	8.004	1004	1006	1008	rVB	101233	73160	6.10%	0.287%
38	8.034	1008	1011	1014	rVB2	96121	104349	8.70%	0.410%
39	8.116	1020	1025	1026	rBV2	86305	109373	9.12%	0.429%
40	8.145	1026	1030	1032	rVV	1277612	1192592	99.40%	4.682%
41	8.169	1032	1034	1036	rVV	889689	717260	59.78%	2.816%
42	8.187	1036	1037	1039	rVV2	122499	90026	7.50%	0.353%
43	8.222	1039	1043	1045	rVB	734776	603521	50.30%	2.369%
44	8.251	1045	1048	1050	rBV2	138721	124514	10.38%	0.489%
45	8.316	1056	1059	1061	rBV3	83734	87527	7.30%	0.344%
46	8.339	1061	1063	1065	rVV3	69253	77022	6.42%	0.302%
47	8.369	1065	1068	1070	rVV2	183566	197763	16.48%	0.776%
48	8.416	1073	1076	1077	rVV3	50759	64187	5.35%	0.252%
49	8.457	1079	1083	1087	rVV3	318271	439768	36.65%	1.727%
50	8.504	1088	1091	1094	rVV2	173995	203824	16.99%	0.800%
51	8.539	1094	1097	1101	rVV2	248822	314642	26.23%	1.235%
52	8.581	1101	1104	1106	rVV	786109	641045	53.43%	2.517%
53	8.604	1106	1108	1110	rVV	152436	149164	12.43%	0.586%
54	8.628	1110	1112	1116	rVV4	86489	107631	8.97%	0.423%
55	8.669	1116	1119	1121	rVV	226896	181627	15.14%	0.713%
56	8.704	1121	1125	1127	rVV2	149166	172112	14.35%	0.676%
57	8.751	1130	1133	1137	rVV	758486	669439	55.80%	2.628%
58	8.787	1137	1139	1141	rVV3	94266	124554	10.38%	0.489%
59	8.822	1141	1145	1147	rVV4	155510	253316	21.11%	0.995%
60	8.845	1147	1149	1152	rVV2	178482	202566	16.88%	0.795%
61	8.875	1152	1154	1157	rVV	97010	96949	8.08%	0.381%
62	8.910	1158	1160	1162	rVV2	93511	80746	6.73%	0.317%
63	8.939	1162	1165	1168	rVV4	87554	124203	10.35%	0.488%
64	8.986	1170	1173	1175	rVV2	144469	169915	14.16%	0.667%
65	9.034	1178	1181	1182	rVV2	122398	127401	10.62%	0.500%
66	9.069	1185	1187	1191	rVV3	150637	219292	18.28%	0.861%
67	9.116	1191	1195	1199	rVV3	155468	221852	18.49%	0.871%
68	9.157	1199	1202	1204	rVV	154171	156018	13.00%	0.613%
69	9.181	1204	1206	1209	rVV	512827	404422	33.71%	1.588%
70	9.239	1212	1216	1220	rVV	464702	426756	35.57%	1.675%
71	9.316	1225	1229	1234	rVV	430781	457498	38.13%	1.796%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111417\
 Data File : BF100554.D
 Acq On : 14 Nov 2017 20:30
 Operator : SJ/JU
 Sample : I6441-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A-11B

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.392	1240	1242	1244	rVV	83773	70637	5.89%	0.277%
73	9.510	1258	1262	1264	rVV4	60917	89144	7.43%	0.350%
74	9.575	1270	1273	1275	rVV2	117570	128946	10.75%	0.506%
75	9.598	1275	1277	1279	rVV3	77132	83894	6.99%	0.329%
76	9.634	1279	1283	1286	rVV3	367784	416732	34.73%	1.636%
77	9.692	1290	1293	1296	rBV2	91166	80684	6.72%	0.317%
78	9.781	1305	1308	1312	rBV2	64483	73189	6.10%	0.287%
79	9.845	1314	1319	1323	rVB	149493	160827	13.40%	0.631%
80	9.922	1328	1332	1335	rVB	759426	659462	54.97%	2.589%
81	10.075	1353	1358	1361	rBV4	40099	61497	5.13%	0.241%
82	10.163	1370	1373	1377	rBV3	63335	70820	5.90%	0.278%
83	10.345	1397	1404	1406	rVB3	70156	92153	7.68%	0.362%
84	10.563	1437	1441	1446	rVB	97921	128463	10.71%	0.504%
85	10.628	1446	1452	1454	rBV3	52587	61579	5.13%	0.242%
86	10.704	1462	1465	1468	rVB	264597	203348	16.95%	0.798%
87	10.828	1482	1486	1489	rBV	115277	126023	10.50%	0.495%
88	11.292	1562	1565	1571	rVB2	57213	77017	6.42%	0.302%
89	11.404	1581	1584	1587	rBV	734609	653498	54.47%	2.566%
90	11.428	1587	1588	1591	rVV	156577	111512	9.29%	0.438%
91	12.016	1685	1688	1691	rVV2	78294	94233	7.85%	0.370%
92	12.616	1787	1790	1794	rVV	331156	280079	23.34%	1.100%
93	12.845	1823	1829	1835	rBV	302506	359031	29.92%	1.410%
94	12.986	1850	1853	1856	rBV	395585	315695	26.31%	1.239%
95	13.174	1882	1885	1888	rVB	82729	77384	6.45%	0.304%
96	14.045	2028	2033	2035	rBV2	788731	851028	70.93%	3.341%
97	14.069	2035	2037	2039	rVB	134510	98536	8.21%	0.387%
98	15.086	2207	2210	2213	rBV	96921	133081	11.09%	0.522%
99	15.457	2270	2273	2279	rVV	70952	87549	7.30%	0.344%
100	15.521	2280	2284	2295	rVB	400987	552140	46.02%	2.168%

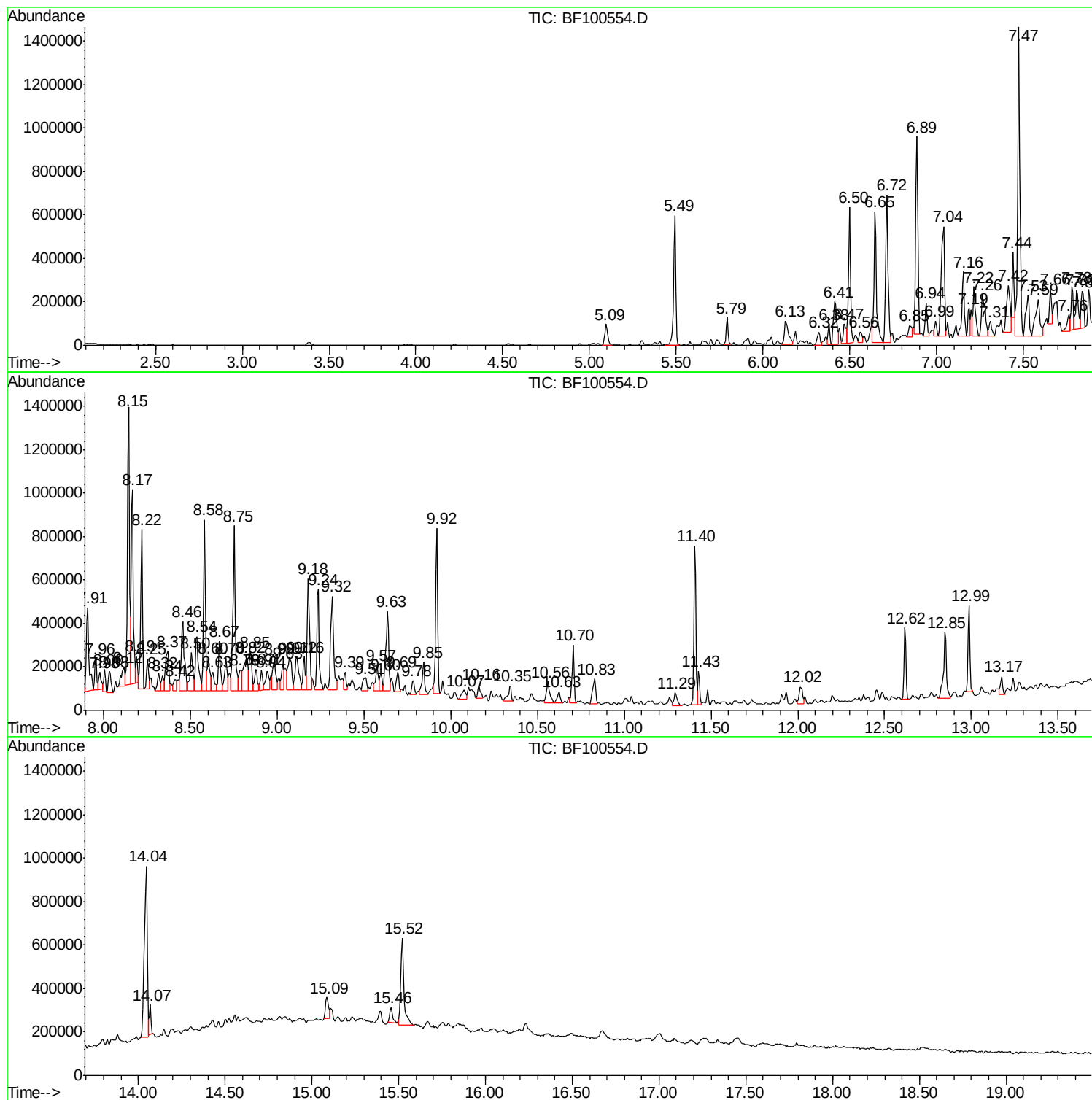
Sum of corrected areas: 25470535

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-11A-11B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

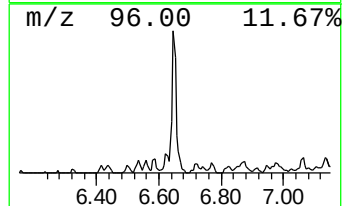
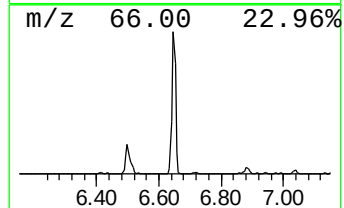
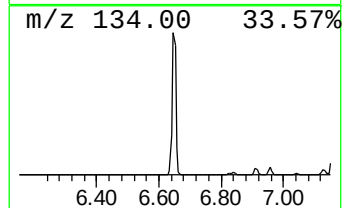
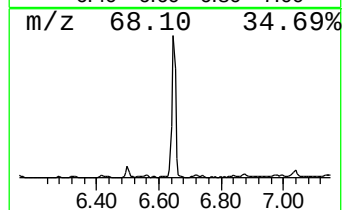
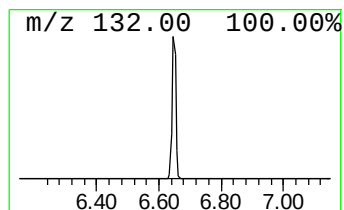
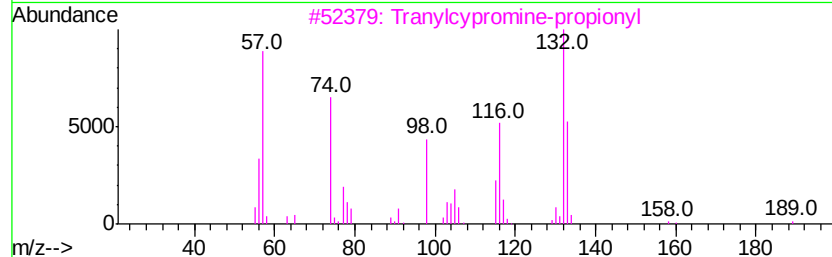
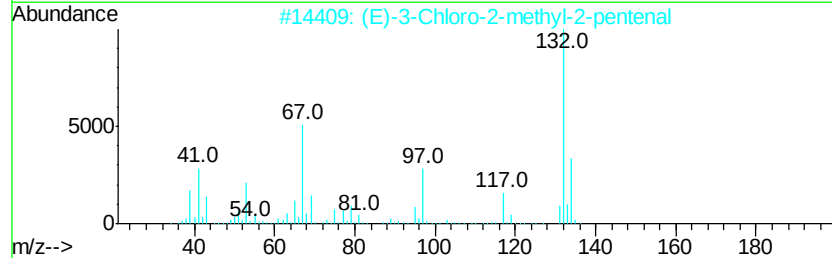
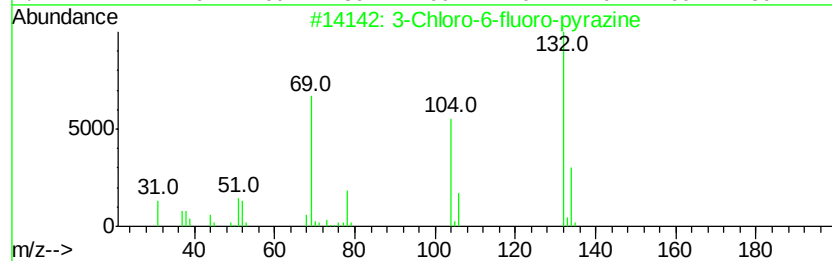
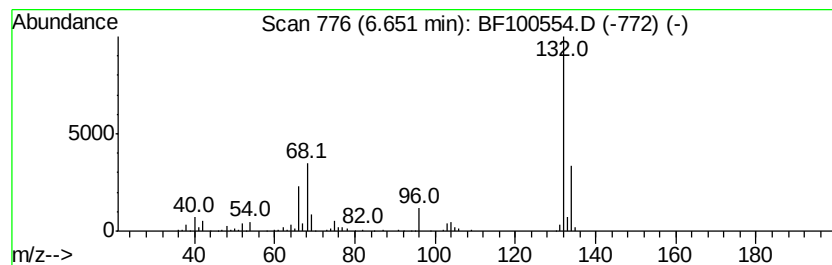
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	14.08 ng	622269	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

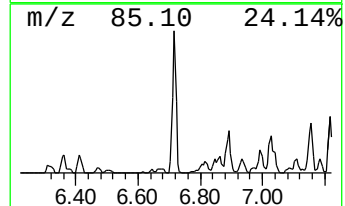
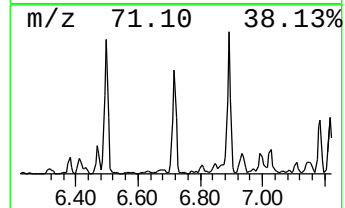
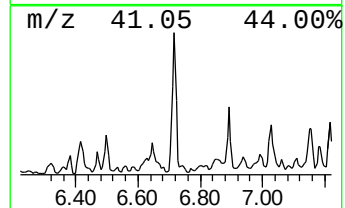
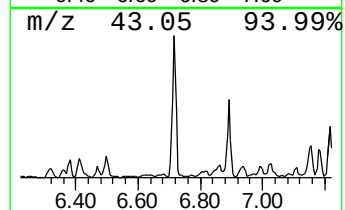
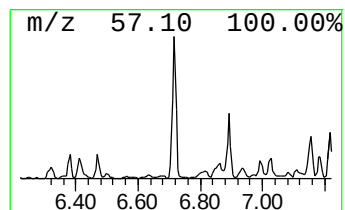
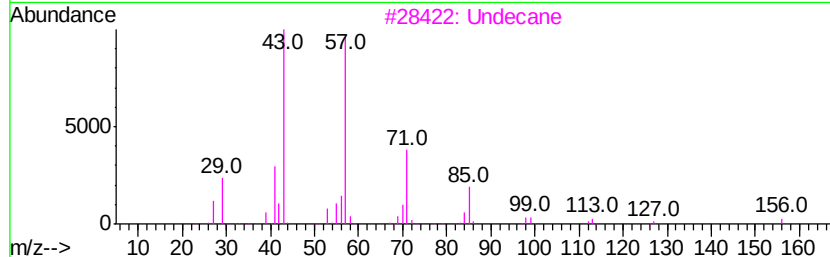
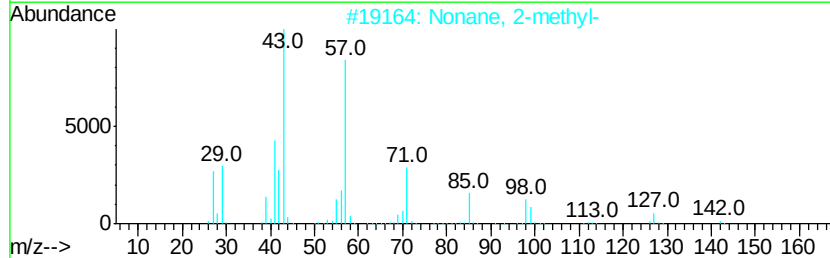
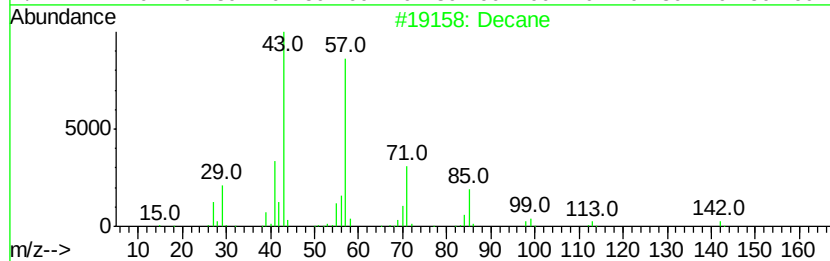
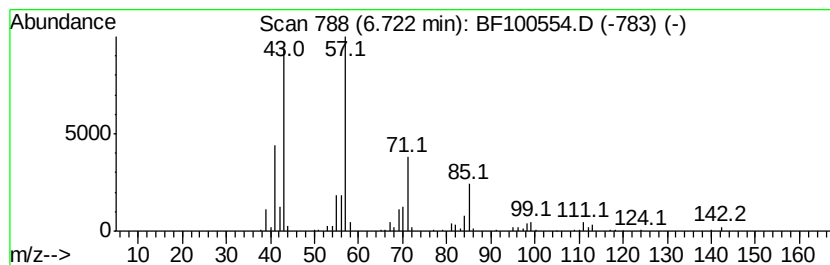
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	14.82 ng	654743	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	83
2	Nonane, 2-methyl-			142	C10H22	000871-83-0	72
3	Undecane			156	C11H24	001120-21-4	72
4	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	72
5	Nonane			128	C9H20	000111-84-2	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-11A-11B

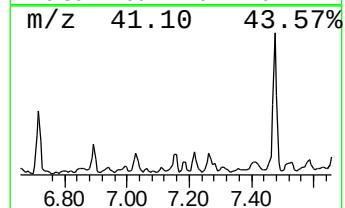
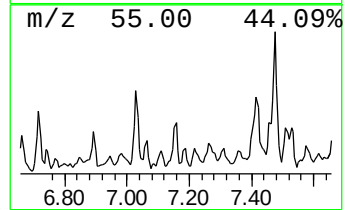
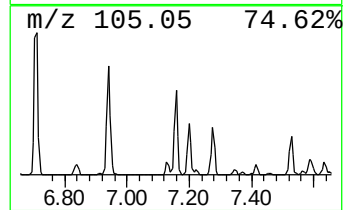
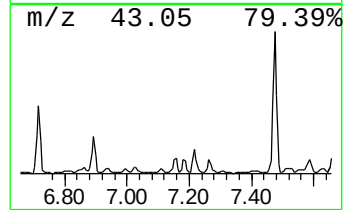
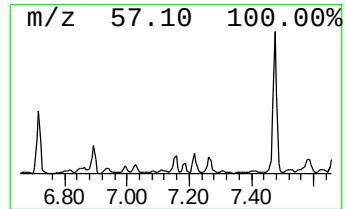
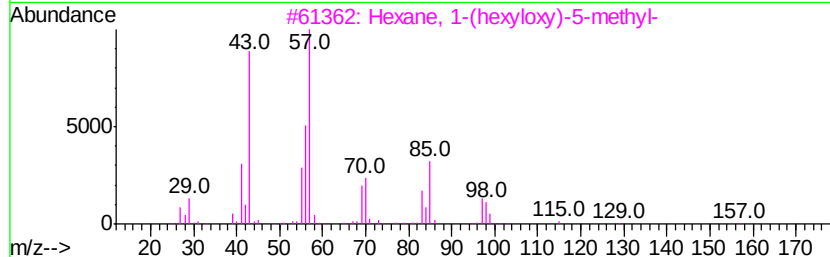
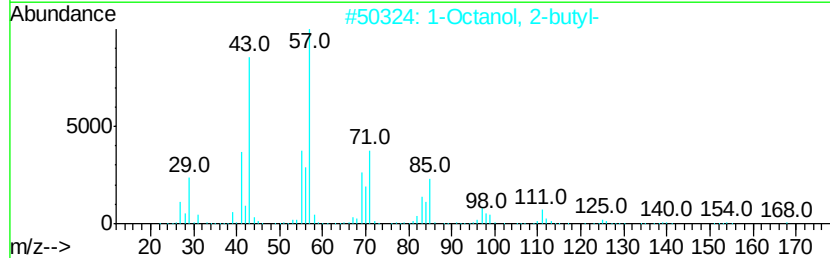
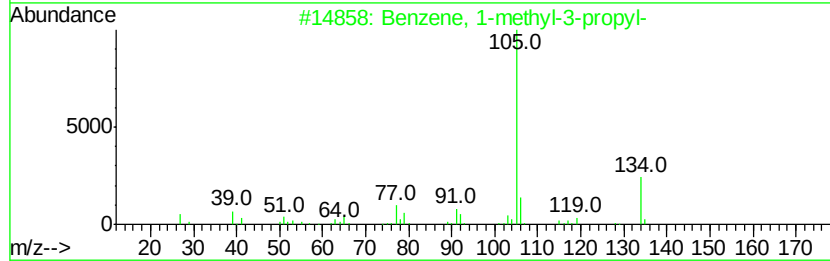
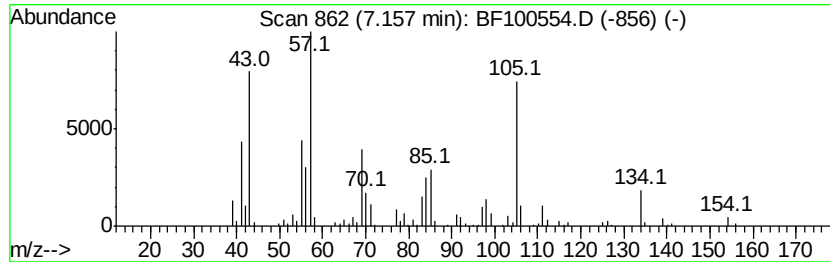
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	6.47 ng	285941	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	53
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
3		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
4		Decane, 5-methyl-	156	C11H24	013151-35-4	38
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

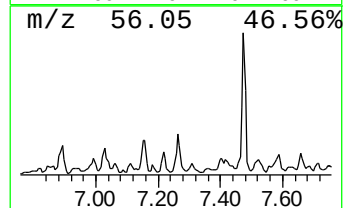
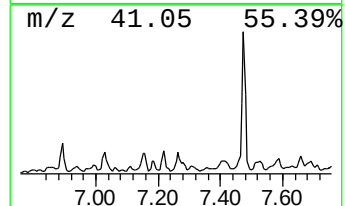
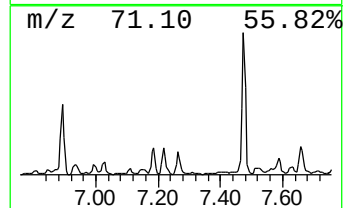
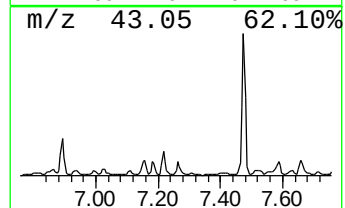
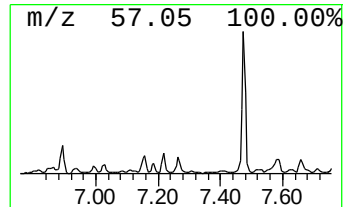
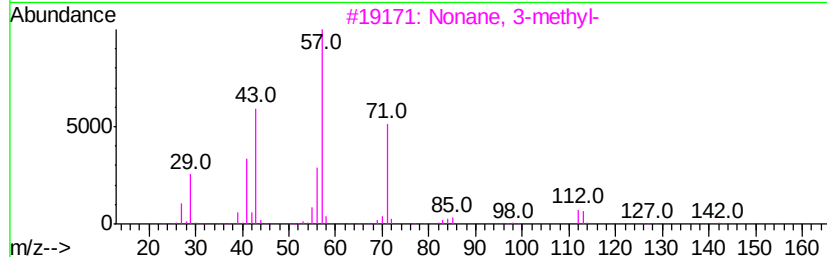
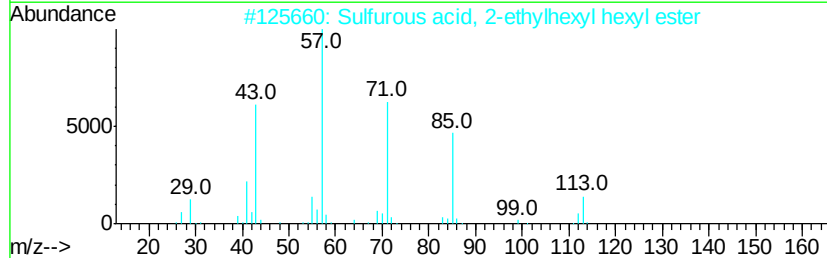
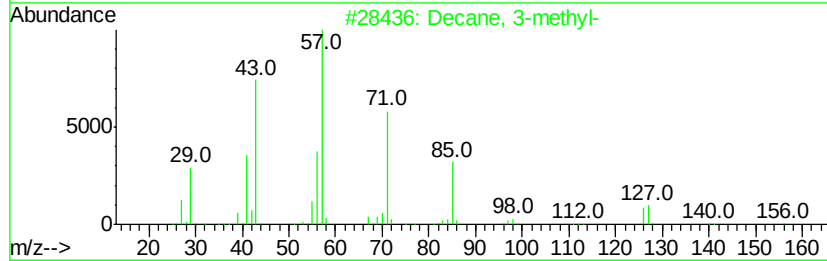
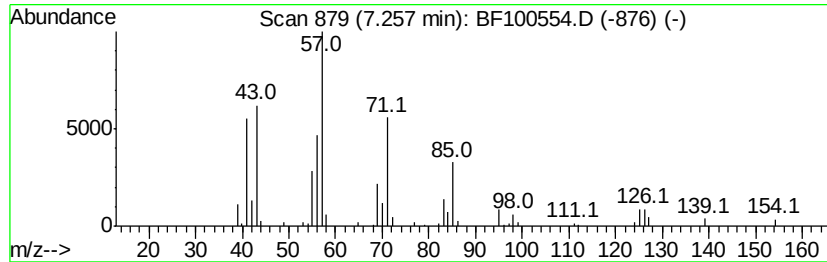
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	6.74 ng	297929	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	53
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-11A-11B

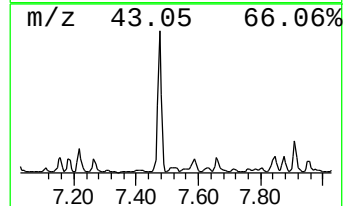
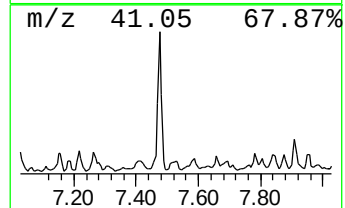
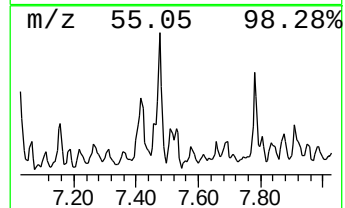
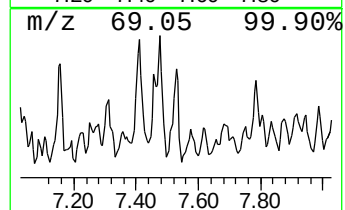
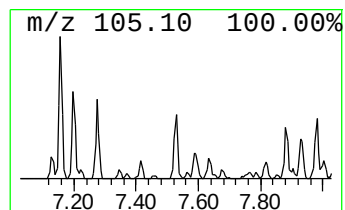
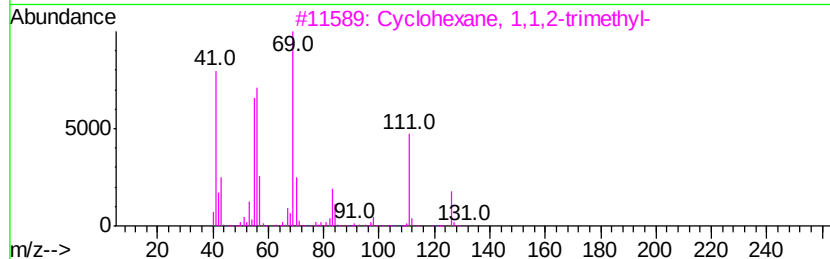
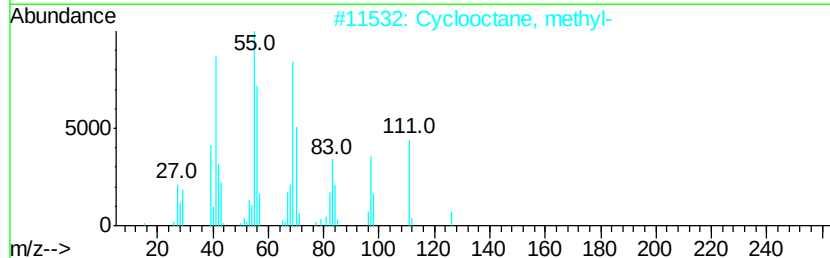
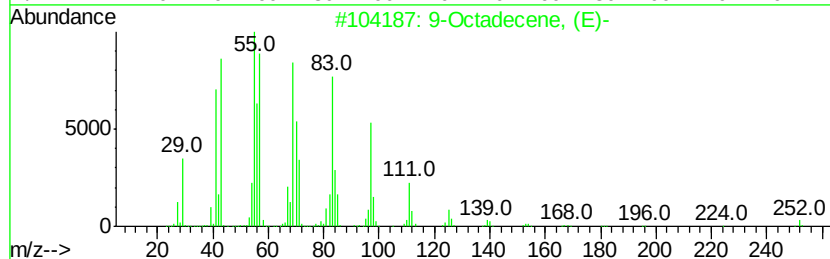
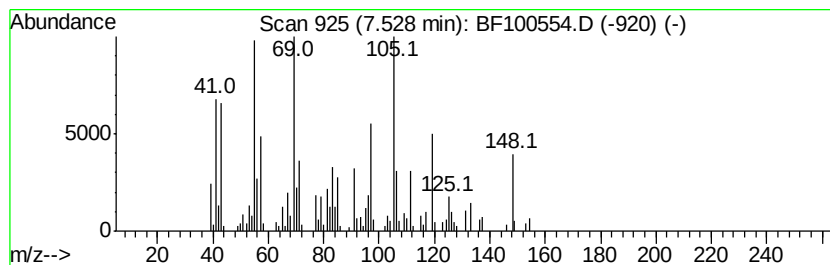
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	7.58 ng	271863	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecene, (E)-	252	C18H36	007206-25-9	38
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	35
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
4		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	27
5		Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

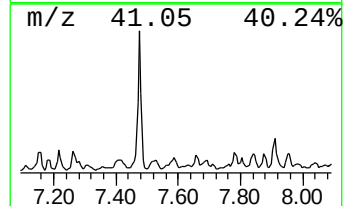
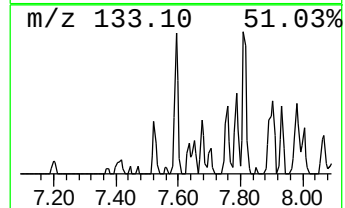
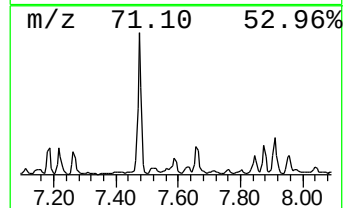
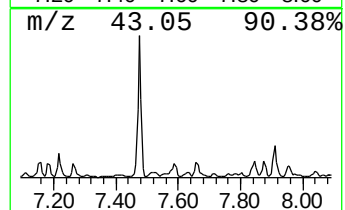
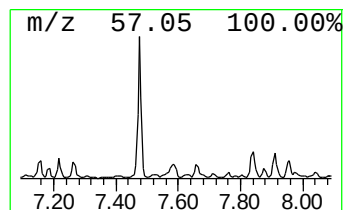
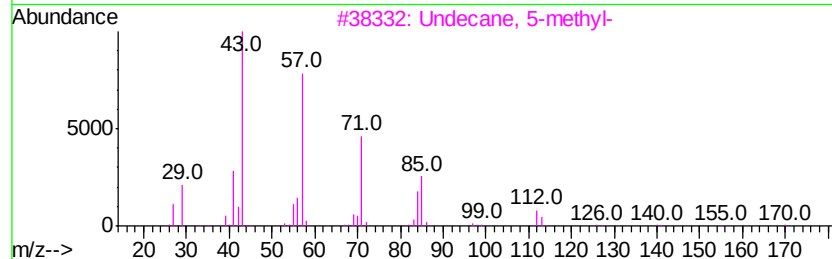
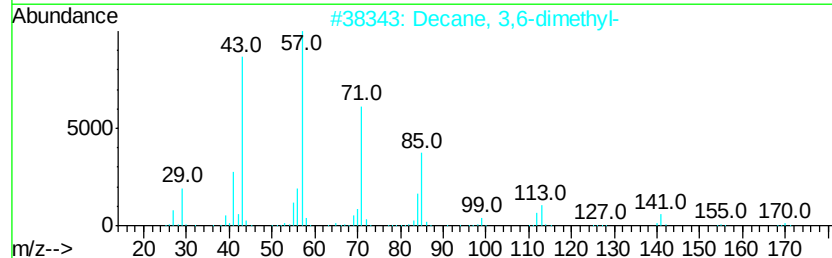
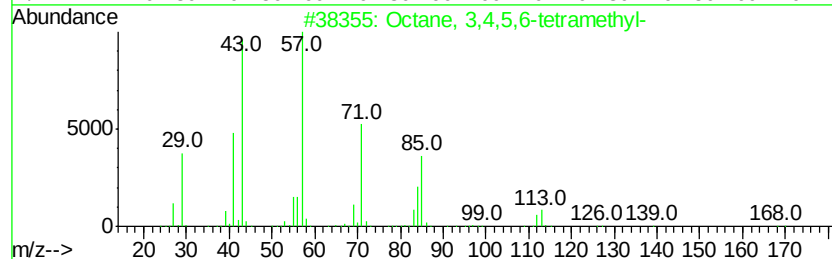
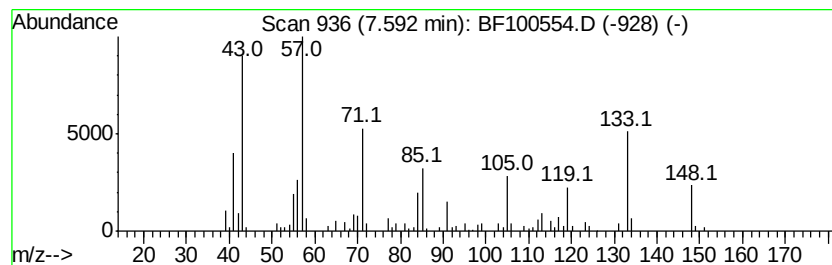
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 3,4,5,6-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	9.02 ng	323502	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	52
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-11A-11B

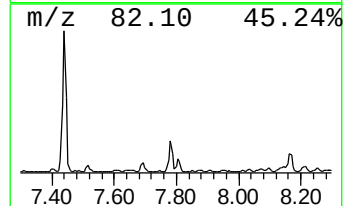
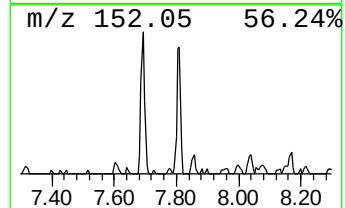
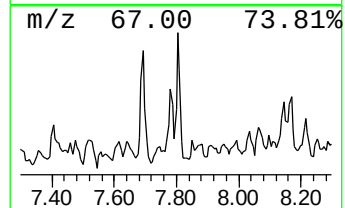
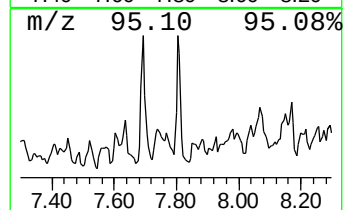
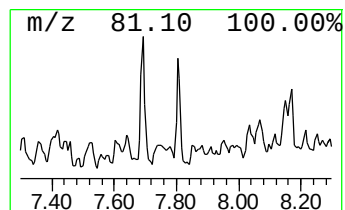
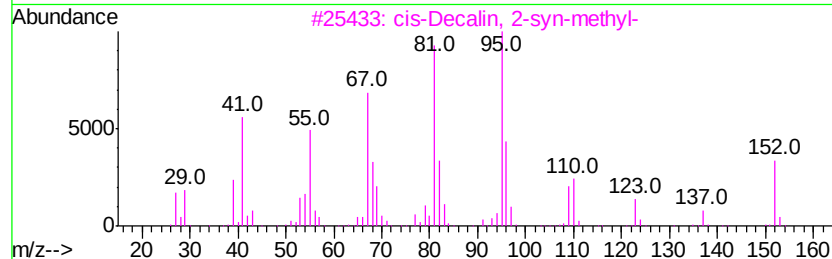
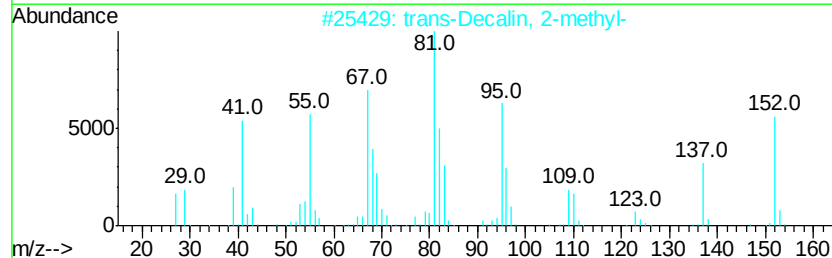
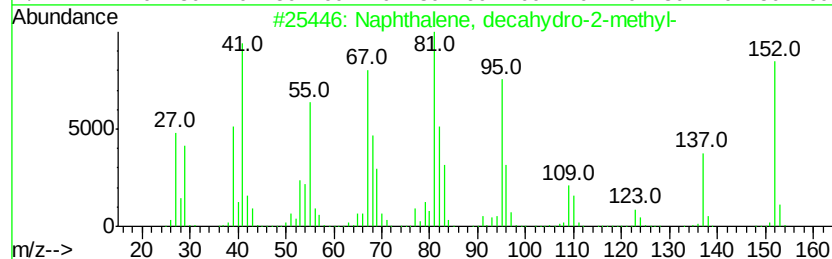
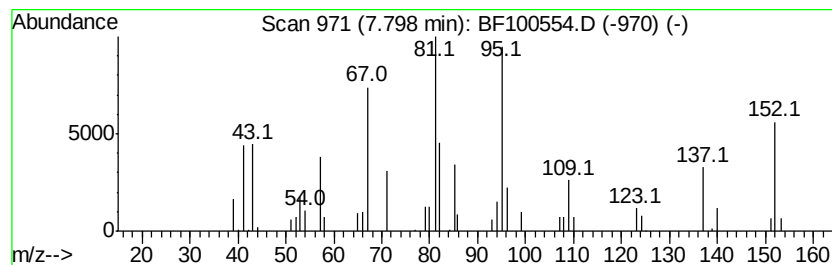
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	5.90 ng	211416	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5		2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	60



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

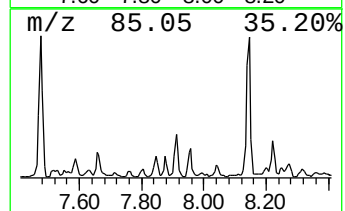
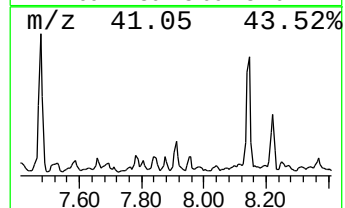
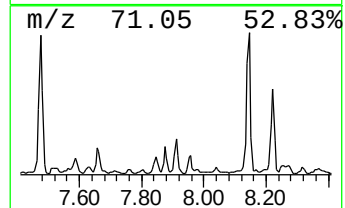
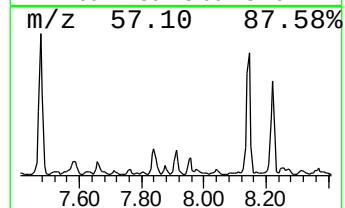
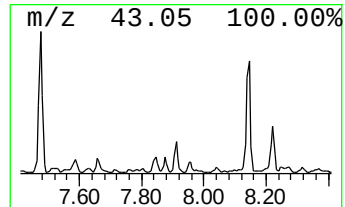
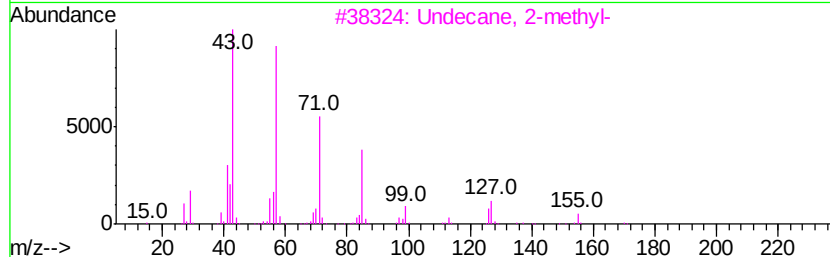
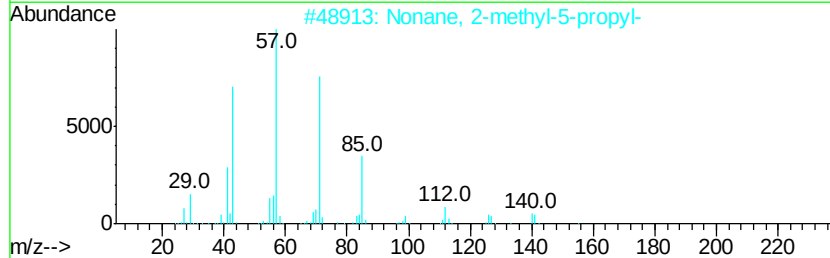
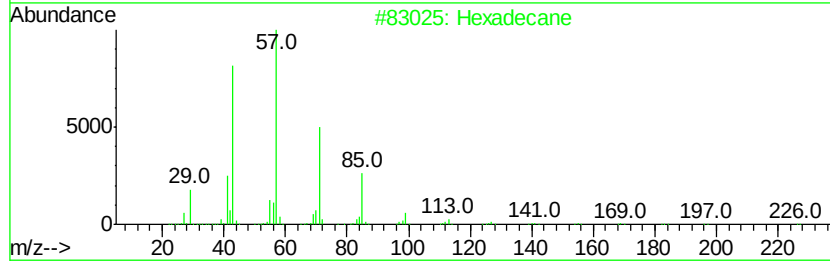
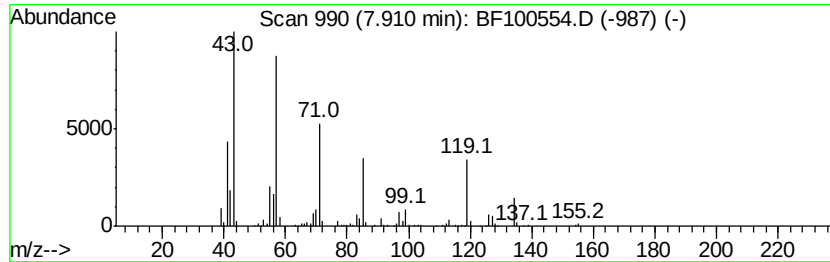
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	11.61 ng	416446	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	58
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	53
4		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

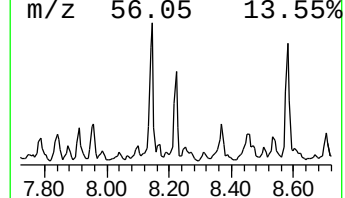
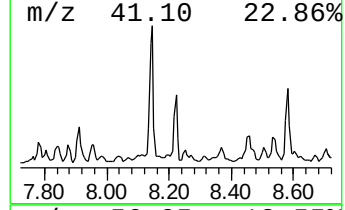
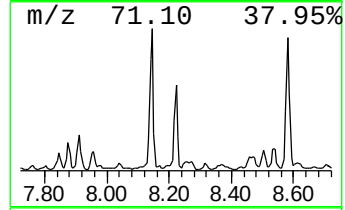
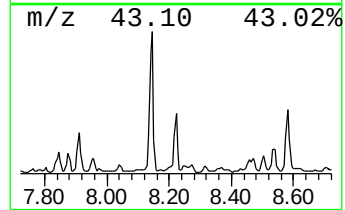
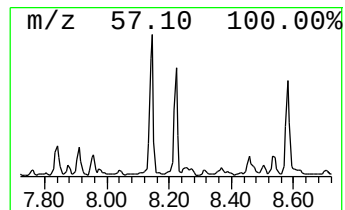
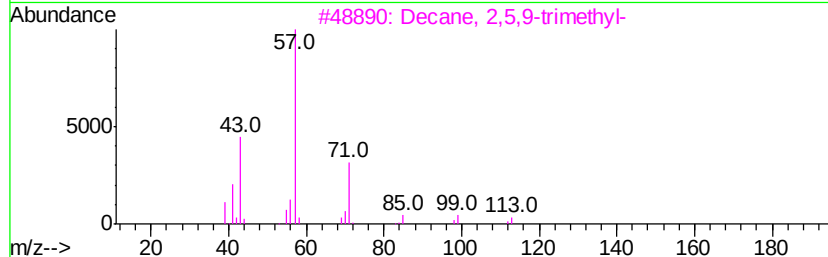
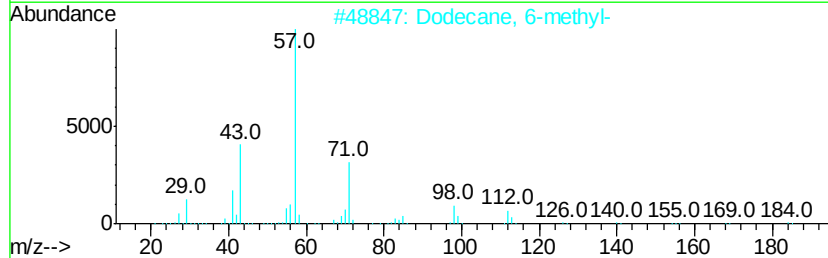
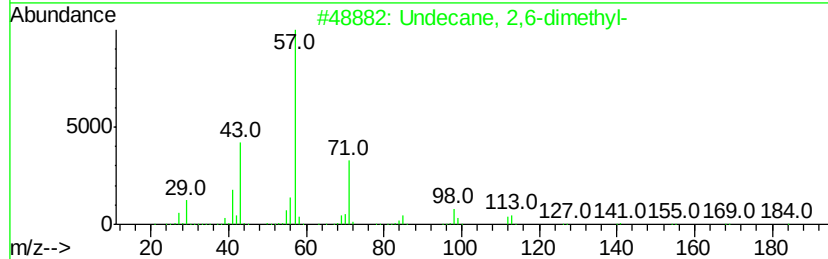
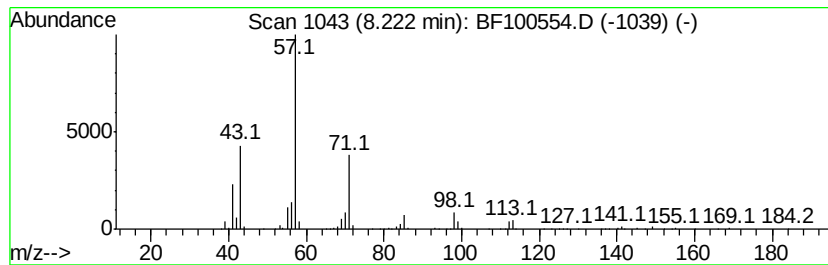
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	16.83 ng	603521	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

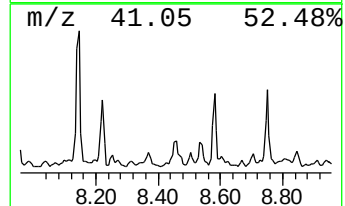
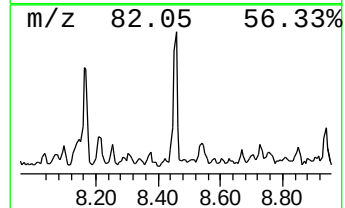
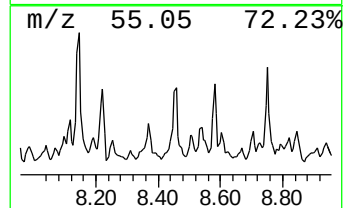
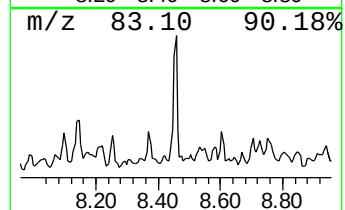
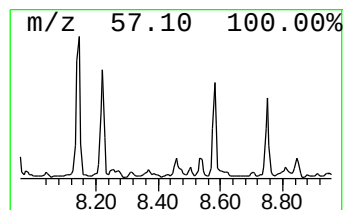
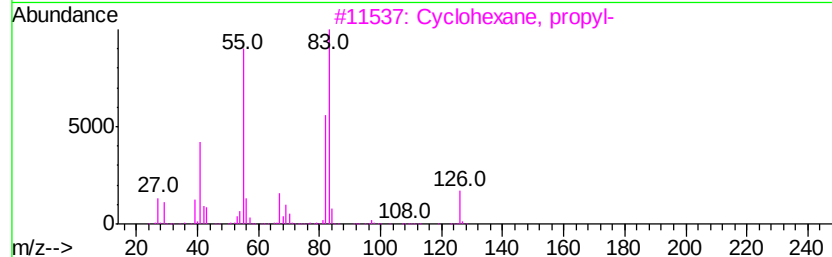
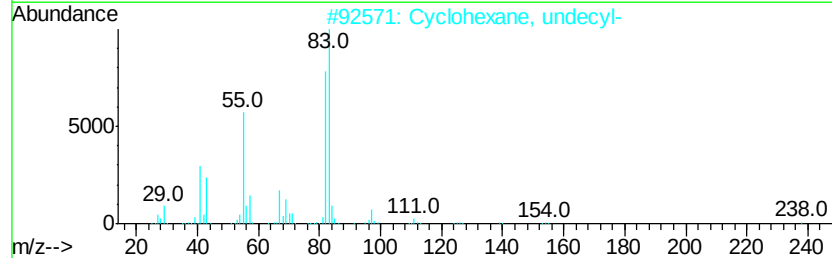
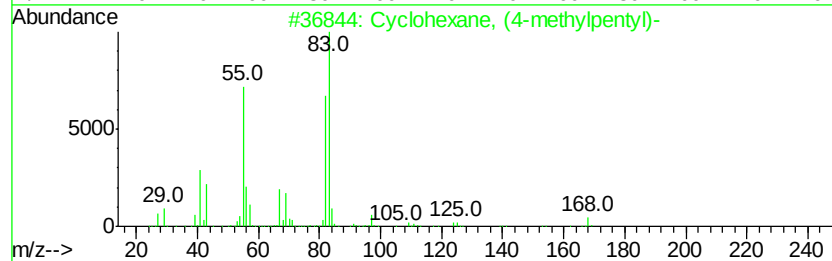
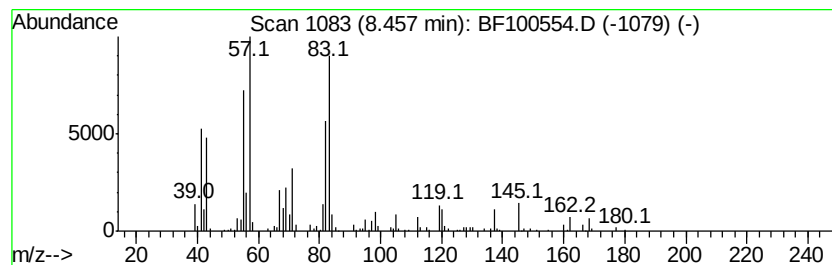
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	12.26 ng	439768	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

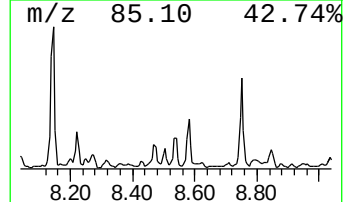
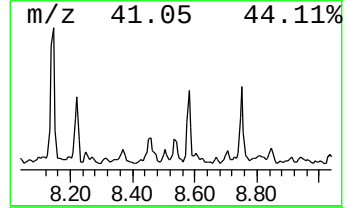
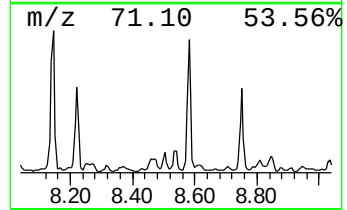
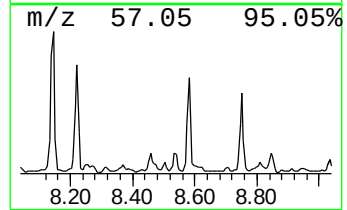
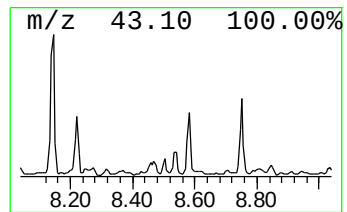
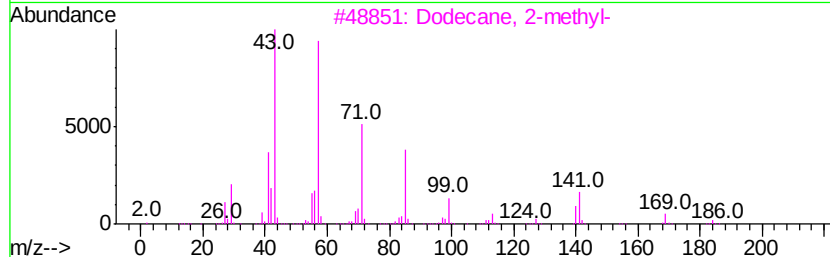
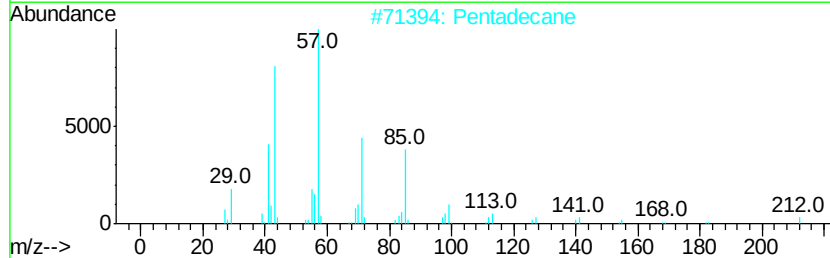
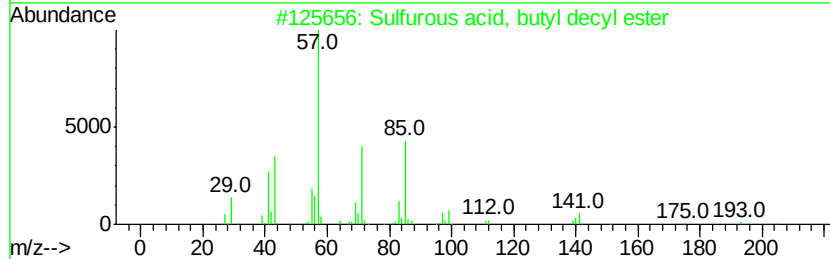
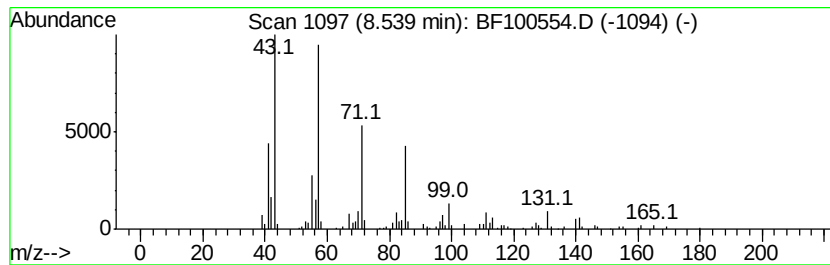
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Sulfurous acid, butyl decyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	8.77 ng	314642	Naphthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
2			Pentadecane	212	C15H32	000629-62-9	72
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	59
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

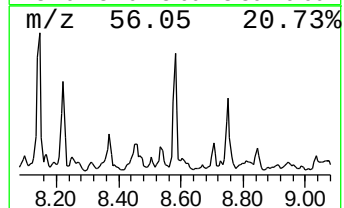
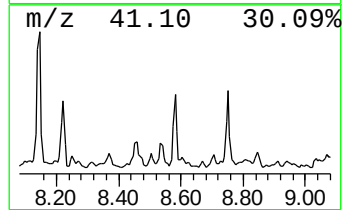
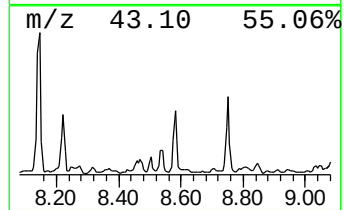
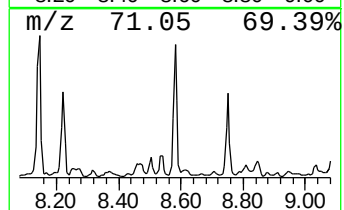
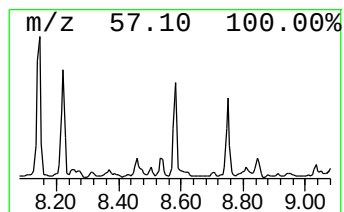
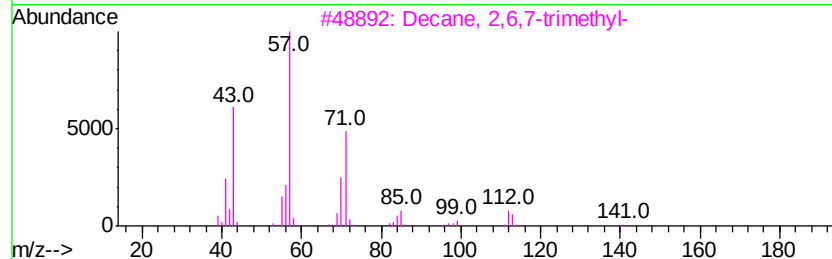
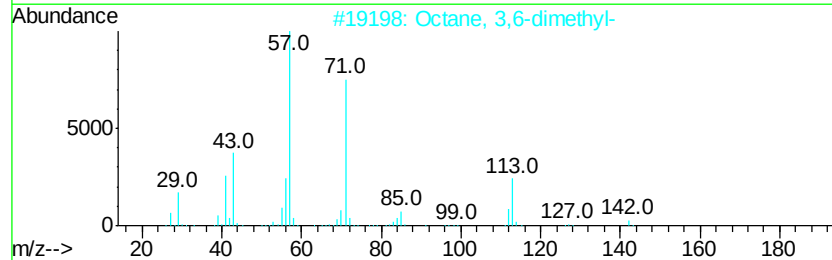
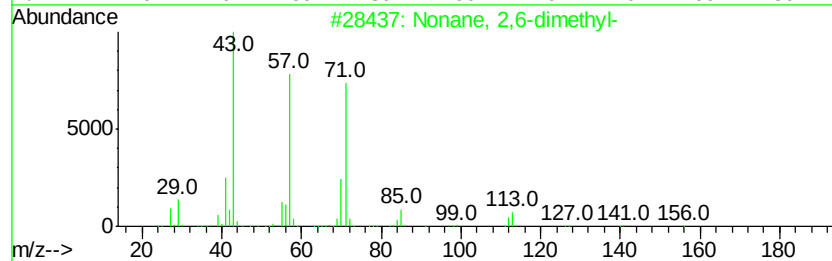
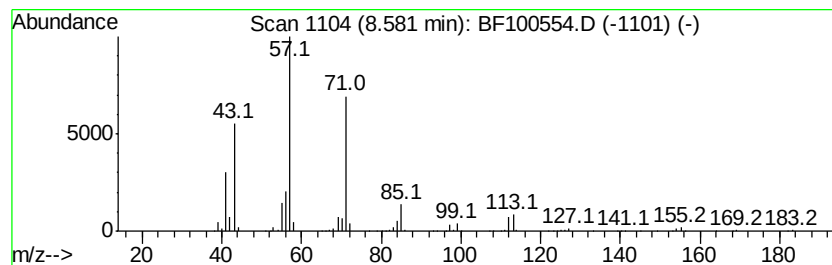
Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	17.87 ng	641045	Naphthalene-d8	8.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2 80
2		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 78
3		Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2 78
4		Octane, 1,1'-oxybis-	242 C16H34O	000629-82-3 64
5		Undecane, 6-ethyl-	184 C13H28	017312-60-6 64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

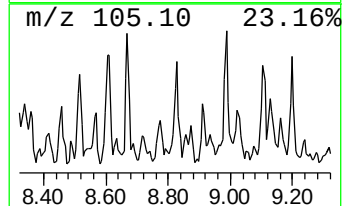
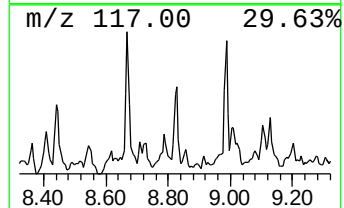
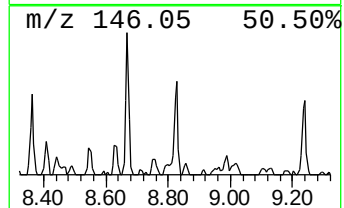
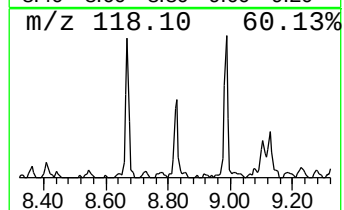
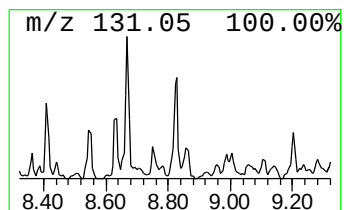
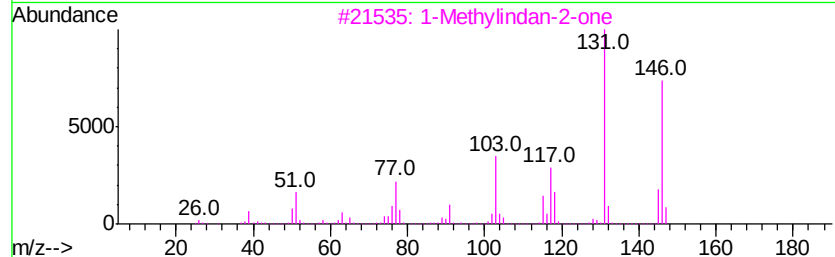
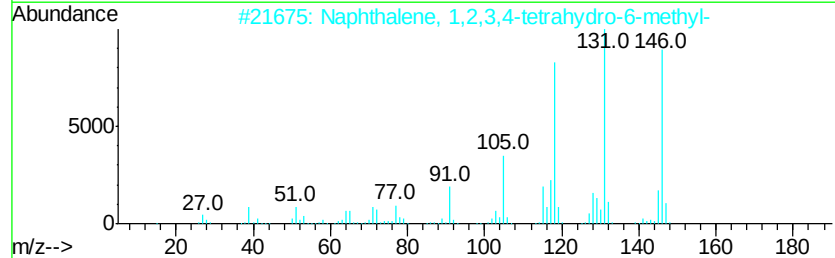
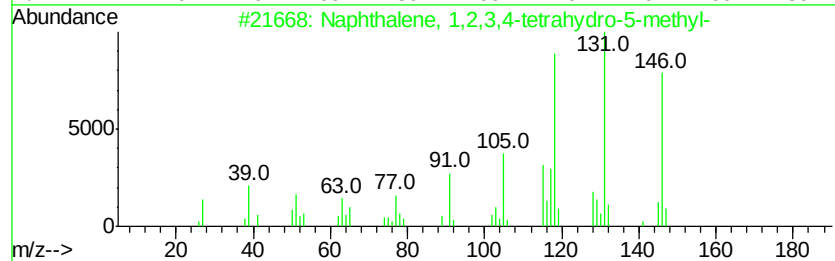
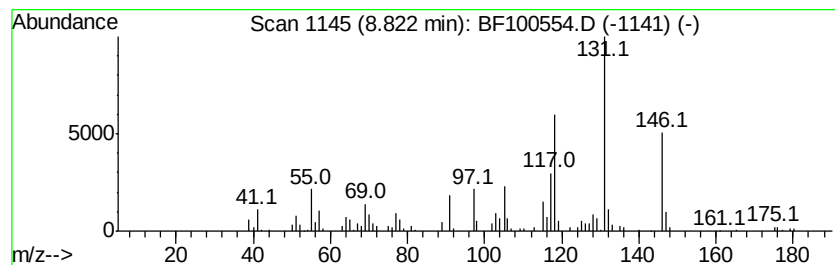
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	7.06 ng	253316	Naphthalene-d8	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3			1-Methylindan-2-one	146	C10H10O	035587-60-1	64
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

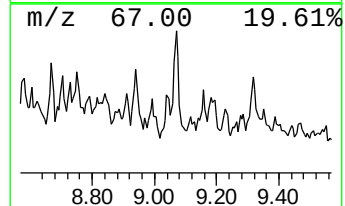
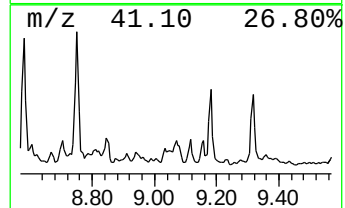
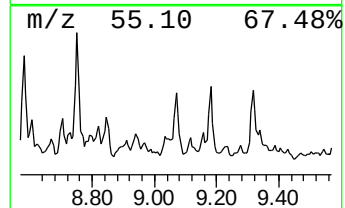
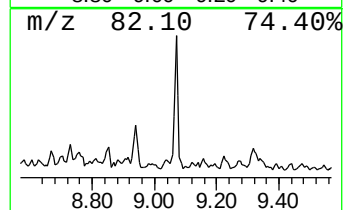
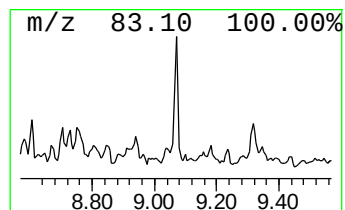
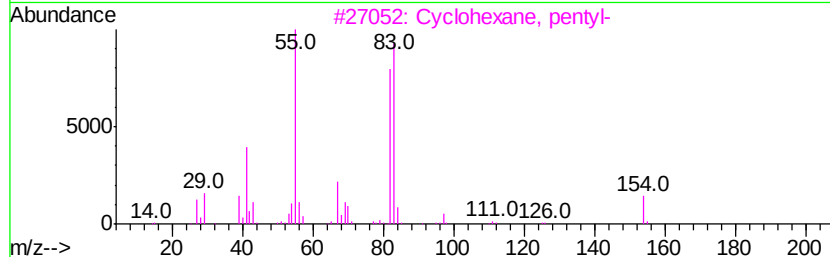
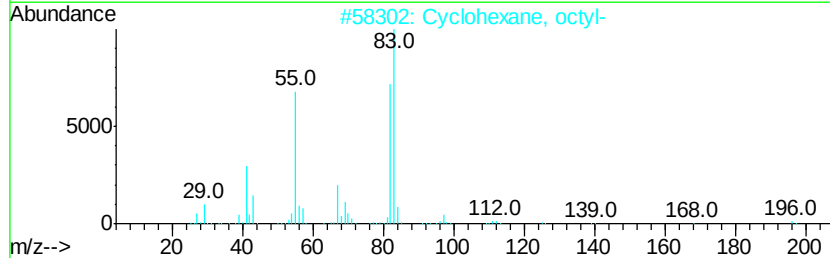
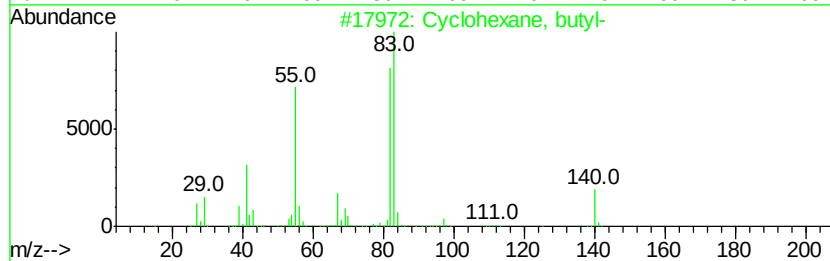
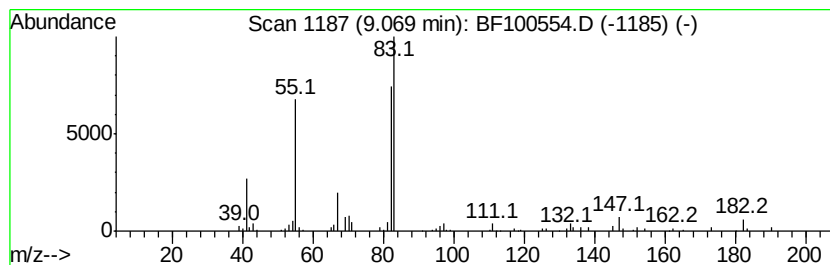
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	6.65 ng	219292	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	78
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

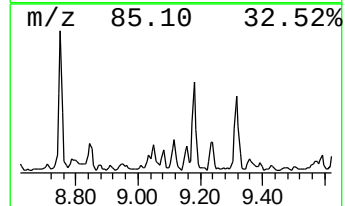
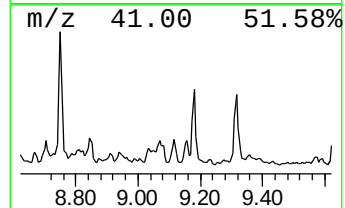
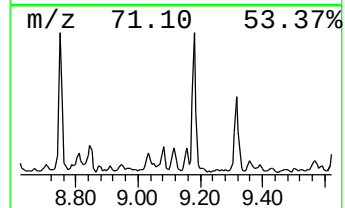
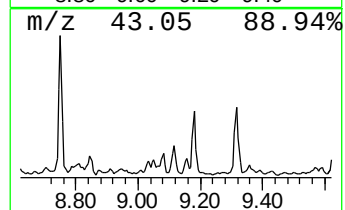
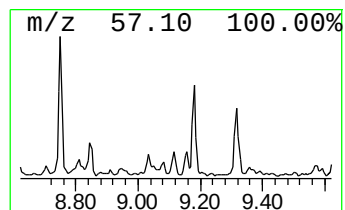
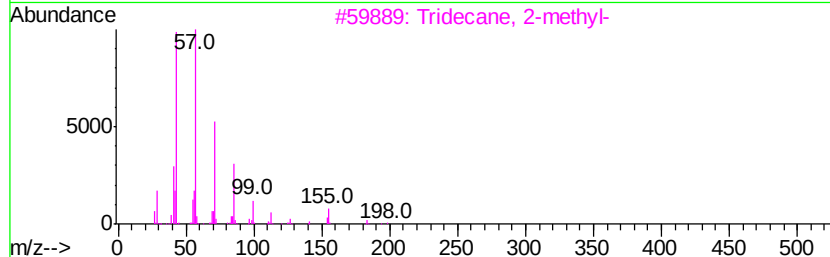
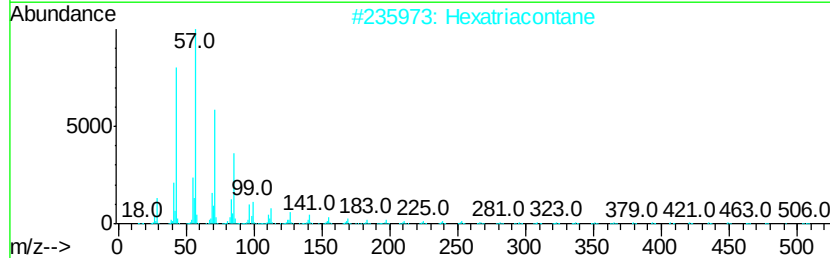
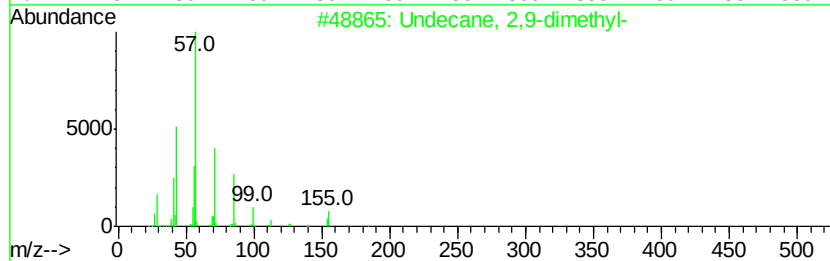
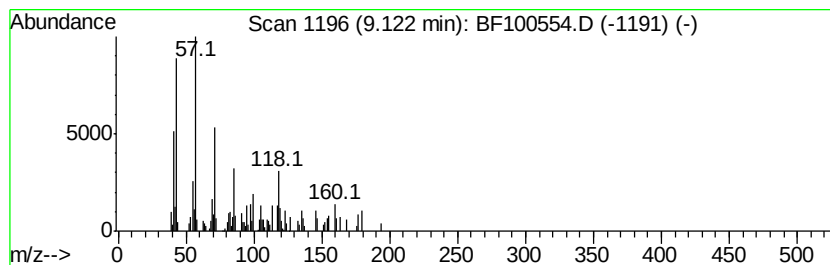
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Undecane, 2,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	6.73 ng	221852	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-			184	C13H28	017301-26-7	78
2	Hexatriacontane			507	C36H74	000630-06-8	64
3	Tridecane, 2-methyl-			198	C14H30	001560-96-9	64
4	1-Iodo-2-methylnonane			268	C10H21I	1000101-47-9	53
5	Undecane, 2-methyl-			170	C12H26	007045-71-8	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

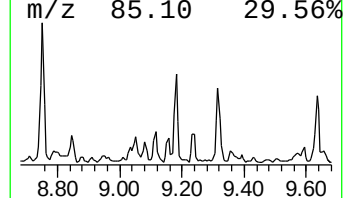
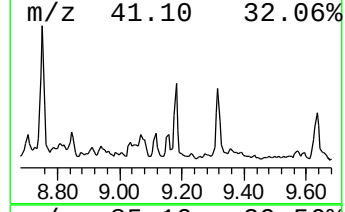
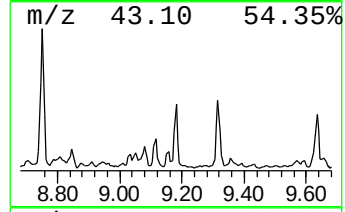
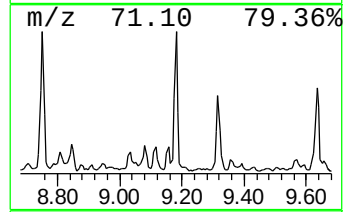
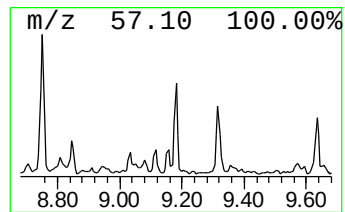
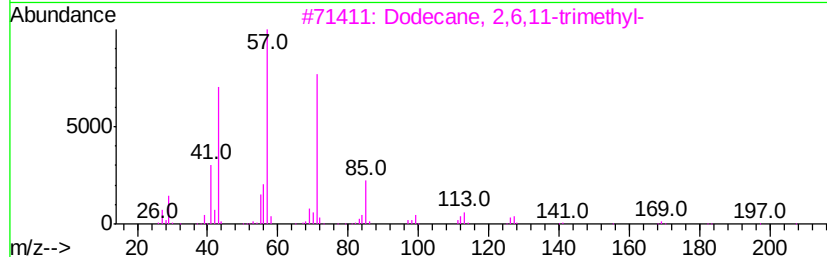
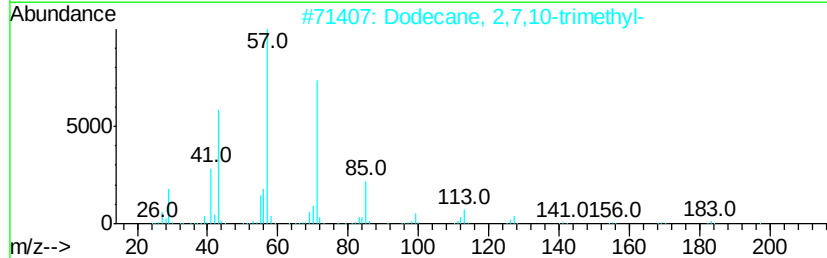
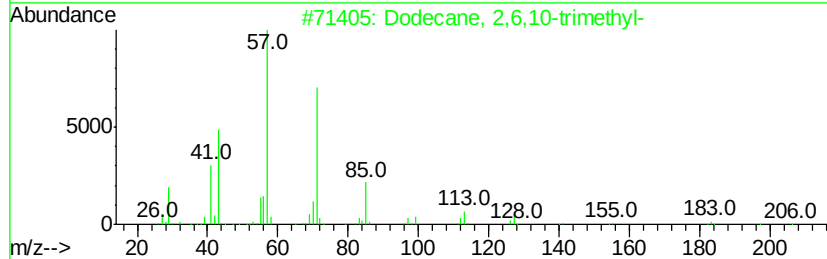
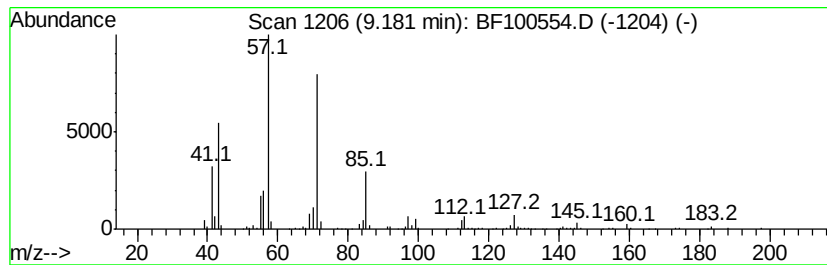
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	12.27 ng	404422	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

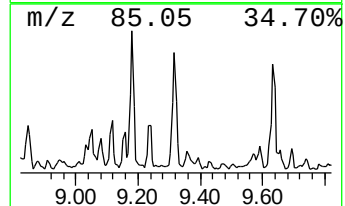
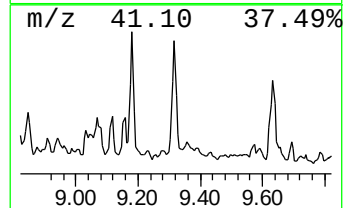
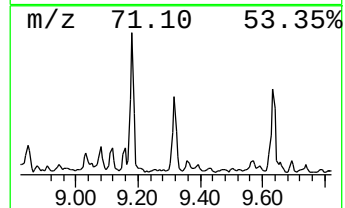
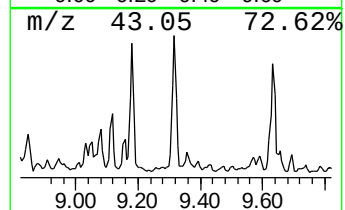
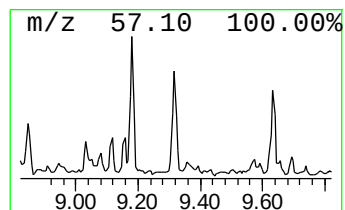
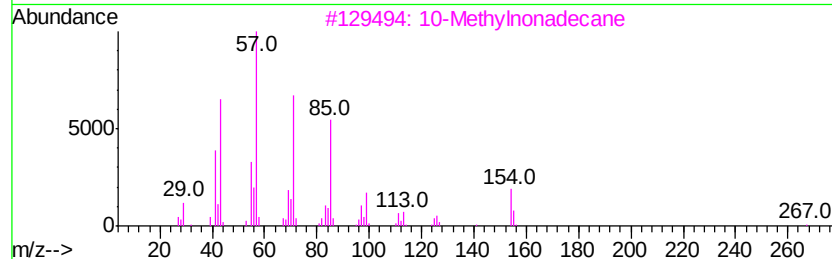
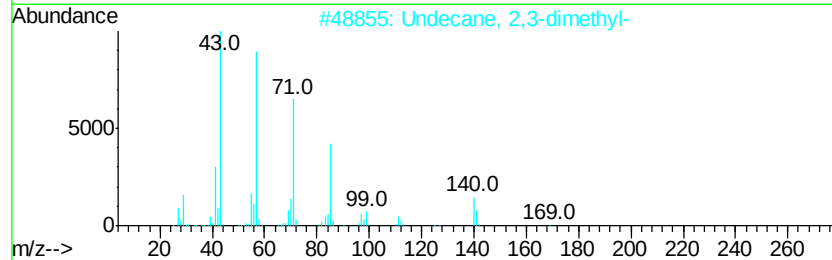
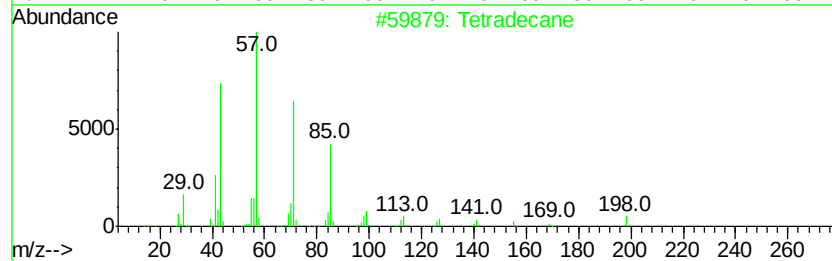
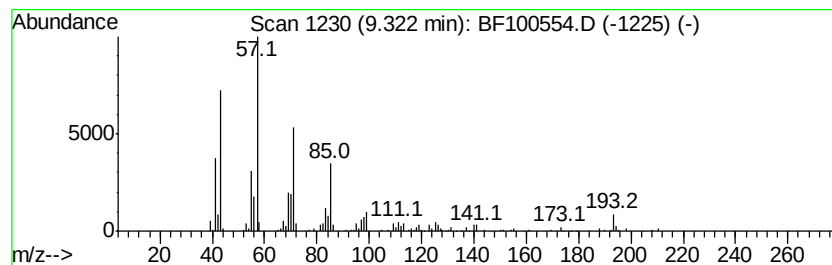
Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.32	13.87 ng	457498	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3	10-Methylnonadecane	282	C20H42	056862-62-5	74
4	Tridecane	184	C13H28	000629-50-5	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100554.D
Acq On : 14 Nov 2017 20:30
Operator : SJ/JU
Sample : I6441-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

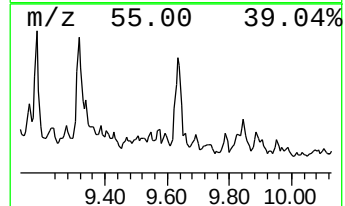
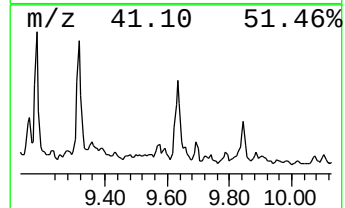
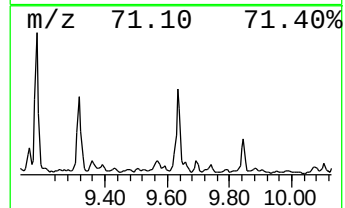
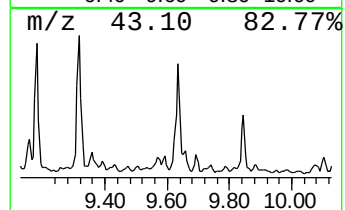
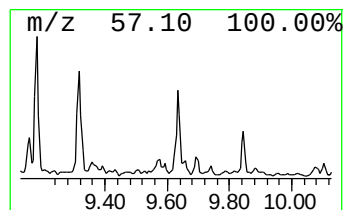
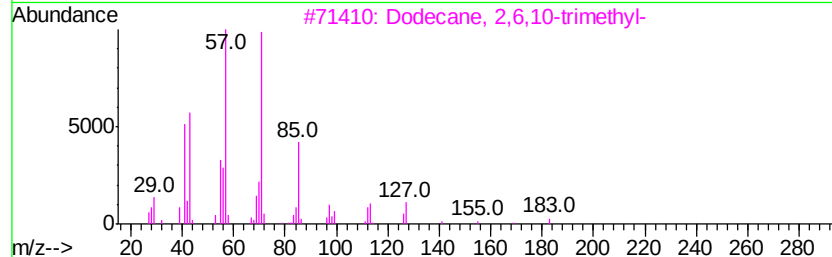
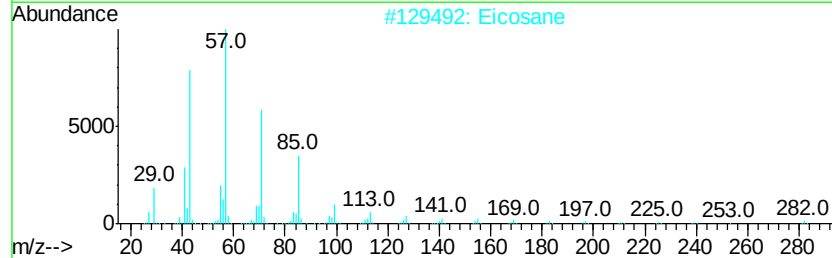
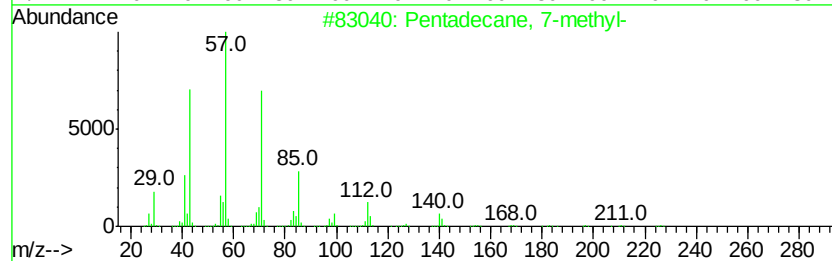
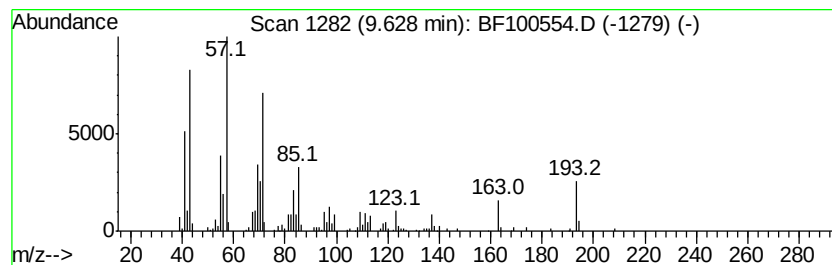
Instrument :
BNA_F
ClientSampleId :
TP-11A-11B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	12.64 ng	416732	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 80
2		Eicosane	282 C20H42	000112-95-8 80
3		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 72
4		Pentadecane	212 C15H32	000629-62-9 72
5		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111417\
 Data File : BF100554.D
 Acq On : 14 Nov 2017 20:30
 Operator : SJ/JU
 Sample : I6441-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A-11B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
unknown6.65	6.65	14.1	ng	622269	1	6.89	883750	20.0
Decane	6.72	14.8	ng	654743	1	6.89	883750	20.0
Benzene, 1-methyl...	7.16	6.5	ng	285941	1	6.89	883750	20.0
Decane, 3-methyl-	7.26	6.7	ng	297929	1	6.89	883750	20.0
unknown7.53	7.53	7.6	ng	271863	2	8.17	717260	20.0
Octane, 3,4,5,6-t...	7.59	9.0	ng	323502	2	8.17	717260	20.0
Naphthalene, deca...	7.80	5.9	ng	211416	2	8.17	717260	20.0
Hexadecane	7.91	11.6	ng	416446	2	8.17	717260	20.0
Undecane, 2,6-dim...	8.22	16.8	ng	603521	2	8.17	717260	20.0
Cyclohexane, (4-m...	8.46	12.3	ng	439768	2	8.17	717260	20.0
Sulfurous acid, b...	8.54	8.8	ng	314642	2	8.17	717260	20.0
Nonane, 2,6-dimet...	8.58	17.9	ng	641045	2	8.17	717260	20.0
Naphthalene, 1,2,...	8.82	7.1	ng	253316	2	8.17	717260	20.0
Cyclohexane, butyl-	9.07	6.7	ng	219292	3	9.92	659462	20.0
Undecane, 2,9-dim...	9.12	6.7	ng	221852	3	9.92	659462	20.0
Dodecane, 2,6,10-...	9.18	12.3	ng	404422	3	9.92	659462	20.0
Tetradecane	9.32	13.9	ng	457498	3	9.92	659462	20.0
Pentadecane, 7-me...	9.63	12.6	ng	416732	3	9.92	659462	20.0