

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

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_G\METHODS\8270-BG082318.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	5.256	330	335	341	rBV2	59527	101264	4.58%	0.247%
2	5.620	389	397	412	rVB2	641838	1076084	48.68%	2.628%
3	5.926	443	449	458	rBV3	58127	136780	6.19%	0.334%
4	6.008	458	463	468	rBV	68894	102489	4.64%	0.250%
5	6.325	509	517	524	rBV5	116062	267099	12.08%	0.652%
6	6.443	530	537	547	rVB3	76351	166920	7.55%	0.408%
7	6.531	547	552	555	rBV2	80351	143582	6.50%	0.351%
8	6.607	560	565	569	rVB	304225	434066	19.64%	1.060%
9	6.689	575	579	582	rBV2	163633	270304	12.23%	0.660%
10	6.872	605	610	615	rVB5	49936	91021	4.12%	0.222%
11	6.948	615	623	629	rBV4	103238	261682	11.84%	0.639%
12	7.036	629	638	644	rBV2	177301	304737	13.79%	0.744%
13	7.142	652	656	660	rBV	68329	110761	5.01%	0.271%
14	7.206	660	667	680	rVB	782166	1478855	66.90%	3.612%
15	7.377	691	696	702	rVB4	64546	131087	5.93%	0.320%
16	7.436	702	706	710	rBV3	54514	92649	4.19%	0.226%
17	7.506	714	718	720	rVV	85881	118829	5.38%	0.290%
18	7.541	720	724	726	rVV2	131346	214874	9.72%	0.525%
19	7.582	726	731	748	rVB	629307	1393784	63.05%	3.404%
20	7.771	759	763	769	rVB4	62824	108196	4.89%	0.264%
21	7.876	774	781	785	rBV3	65043	130028	5.88%	0.318%
22	7.964	789	796	801	rBV5	104614	270456	12.23%	0.661%
23	8.029	801	807	816	rVB2	693438	1356125	61.35%	3.312%
24	8.117	816	822	828	rVB3	153381	312105	14.12%	0.762%
25	8.188	828	834	837	rBV6	57250	130398	5.90%	0.318%
26	8.235	837	842	847	rBV3	192809	297133	13.44%	0.726%
27	8.305	847	854	857	rBV	192672	352358	15.94%	0.861%
28	8.340	857	860	862	rVV2	265841	390278	17.66%	0.953%
29	8.376	862	866	878	rVB	466455	1044170	47.24%	2.550%
30	8.481	878	884	891	rBV4	85257	223084	10.09%	0.545%
31	8.575	891	900	904	rBV3	271389	547684	24.78%	1.338%
32	8.634	904	910	916	rVB2	238029	526821	23.83%	1.287%
33	8.705	916	922	925	rBV5	73325	164953	7.46%	0.403%
34	8.740	925	928	934	rVB4	78880	124827	5.65%	0.305%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

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_G\METHODS\8270-BG082318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.816	935	941	949	rBV	164454	347781	15.73%	0.849%
36	8.893	949	954	960	rBV4	97619	224823	10.17%	0.549%
37	9.040	970	979	981	rBV8	48927	115778	5.24%	0.283%
38	9.128	989	994	995	rBV	178991	232874	10.53%	0.569%
39	9.157	995	999	1004	rVV2	386410	738737	33.42%	1.804%
40	9.210	1004	1008	1012	rVV	379406	669423	30.28%	1.635%
41	9.251	1012	1015	1023	rVB4	237088	410742	18.58%	1.003%
42	9.316	1023	1026	1030	rVB3	79575	109945	4.97%	0.269%
43	9.369	1030	1035	1037	rBV3	179023	295305	13.36%	0.721%
44	9.527	1056	1062	1069	rVB3	241055	566983	25.65%	1.385%
45	9.633	1072	1080	1085	rVV7	94258	221740	10.03%	0.542%
46	9.698	1085	1091	1097	rVV2	331840	589754	26.68%	1.440%
47	9.774	1102	1104	1108	rVV4	104356	144238	6.53%	0.352%
48	9.815	1108	1111	1116	rVB	101470	136262	6.16%	0.333%
49	9.939	1123	1132	1135	rBV5	178208	387157	17.51%	0.946%
50	9.980	1135	1139	1144	rVB2	297210	464008	20.99%	1.133%
51	10.038	1144	1149	1155	rBV6	194448	352172	15.93%	0.860%
52	10.103	1155	1160	1169	rVB2	397524	966556	43.72%	2.361%
53	10.197	1170	1176	1181	rVB2	218618	364954	16.51%	0.891%
54	10.256	1181	1186	1191	rBV2	281933	565773	25.59%	1.382%
55	10.379	1204	1207	1211	rVB2	85865	125027	5.66%	0.305%
56	10.438	1211	1217	1227	rBV6	143680	346063	15.66%	0.845%
57	10.555	1232	1237	1240	rBV	127810	235118	10.64%	0.574%
58	10.638	1246	1251	1255	rBV3	83810	140652	6.36%	0.344%
59	10.714	1260	1264	1267	rBV2	132981	213794	9.67%	0.522%
60	10.755	1267	1271	1277	rVV6	116431	248504	11.24%	0.607%
61	10.849	1277	1287	1293	rVV2	276107	835948	37.82%	2.042%
62	10.973	1304	1308	1310	rBV	167677	243726	11.03%	0.595%
63	11.014	1310	1315	1320	rVB	973259	1540758	69.70%	3.763%
64	11.073	1320	1325	1332	rBV4	203080	398225	18.01%	0.973%
65	11.137	1333	1336	1343	rVB4	126939	255907	11.58%	0.625%
66	11.231	1346	1352	1357	rBV4	107199	275267	12.45%	0.672%
67	11.349	1367	1372	1378	rVB4	153407	302974	13.71%	0.740%
68	11.407	1378	1382	1389	rVB4	59552	122550	5.54%	0.299%
69	11.478	1389	1394	1397	rBV5	46718	94046	4.25%	0.230%
70	11.519	1397	1401	1403	rBV3	105894	166882	7.55%	0.408%
71	11.560	1403	1408	1414	rVV3	282013	638226	28.87%	1.559%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

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_G\METHODS\8270-BG082318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.613	1415	1417	1425	rVB4	124033	248759	11.25%	0.608%
73	11.689	1425	1430	1436	rBV5	138572	265229	12.00%	0.648%
74	11.766	1439	1443	1450	rVB7	135565	297230	13.45%	0.726%
75	11.872	1456	1461	1465	rBV	536489	817807	37.00%	1.997%
76	11.960	1472	1476	1481	rVB3	130133	229680	10.39%	0.561%
77	12.048	1487	1491	1497	rVB4	77728	159283	7.21%	0.389%
78	12.136	1503	1506	1510	rVB5	69970	101490	4.59%	0.248%
79	12.400	1548	1551	1555	rVV2	79663	105992	4.79%	0.259%
80	12.483	1559	1565	1574	rVB3	243167	633297	28.65%	1.547%
81	12.724	1599	1606	1614	rVB6	90484	245881	11.12%	0.601%
82	12.894	1630	1635	1639	rBV	111519	164327	7.43%	0.401%
83	12.953	1639	1645	1650	rVV3	114913	271364	12.28%	0.663%
84	13.211	1684	1689	1695	rVB	331835	499126	22.58%	1.219%
85	13.299	1698	1704	1710	rVB	985638	1496455	67.70%	3.655%
86	13.481	1730	1735	1738	rBV5	51463	99248	4.49%	0.242%
87	13.517	1738	1741	1745	rVB3	67702	93120	4.21%	0.227%
88	13.840	1791	1796	1801	rBV3	41043	91859	4.16%	0.224%
89	13.993	1818	1822	1828	rBV3	65395	143279	6.48%	0.350%
90	14.122	1838	1844	1846	rBV	116153	186377	8.43%	0.455%
91	14.151	1846	1849	1853	rVB	226509	290080	13.12%	0.708%
92	14.674	1928	1938	1944	rBV2	440548	803507	36.35%	1.962%
93	15.920	2142	2150	2155	rBV	86009	146692	6.64%	0.358%
94	16.161	2184	2191	2198	rBV	851872	1301200	58.86%	3.178%
95	16.402	2226	2232	2237	rBV	117509	176686	7.99%	0.432%
96	17.218	2368	2371	2376	rVB	63677	90992	4.12%	0.222%
97	17.418	2399	2405	2411	rBV	587527	891389	40.32%	2.177%
98	20.021	2843	2848	2856	rVB	1616154	2210535	100.00%	5.399%
99	21.684	3126	3131	3138	rVB	540009	880300	39.82%	2.150%
100	24.892	3670	3677	3692	rVB2	330356	1040185	47.06%	2.540%

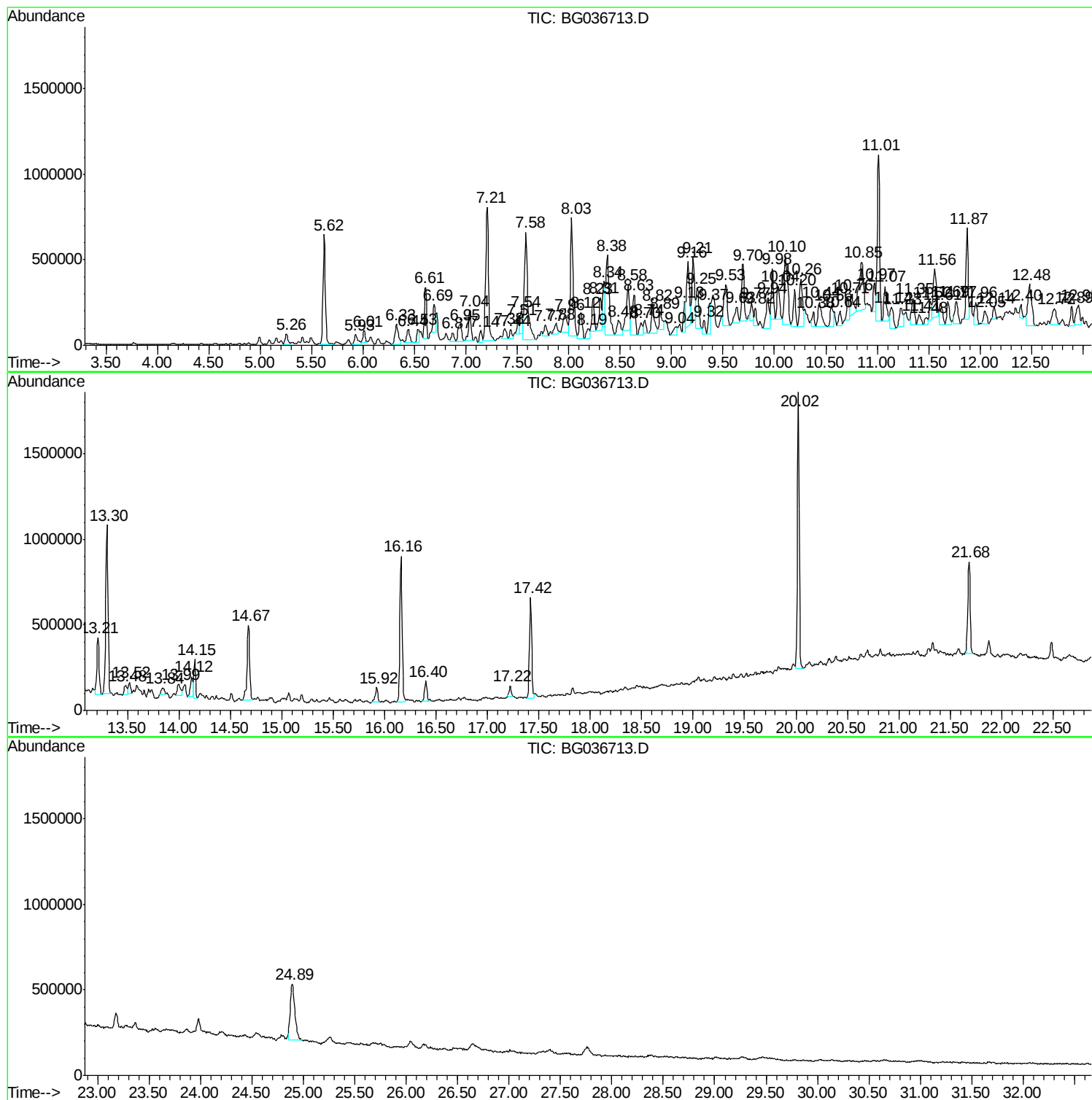
Sum of corrected areas: 40945524

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
SP-PIT-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.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 G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

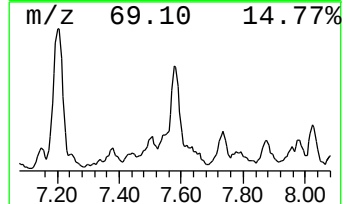
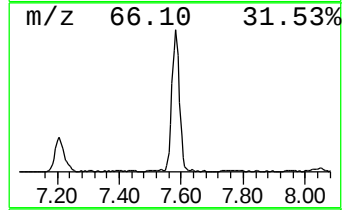
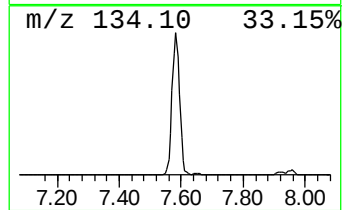
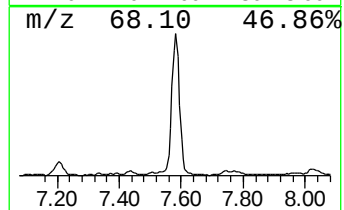
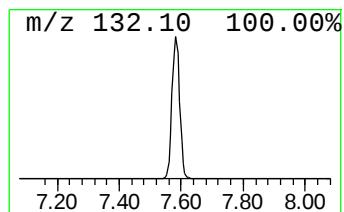
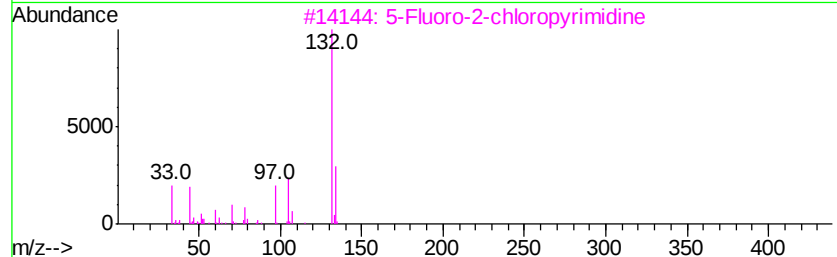
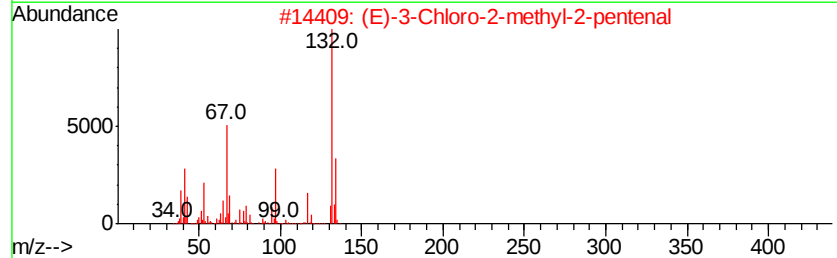
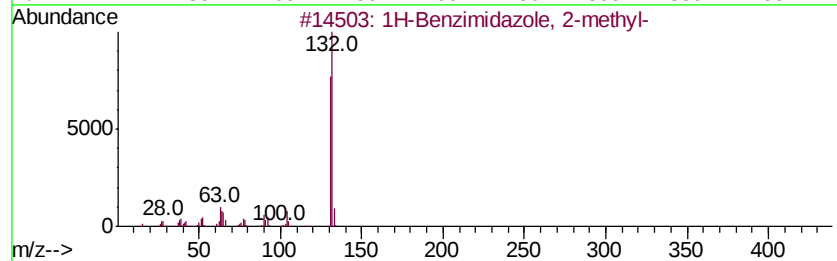
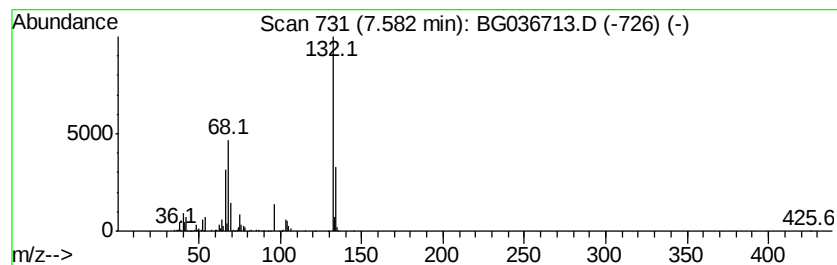
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	20.56 ng	1393780	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

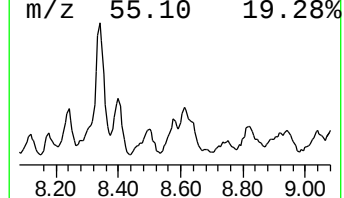
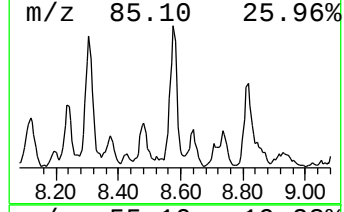
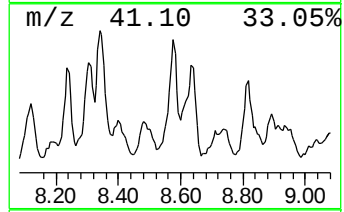
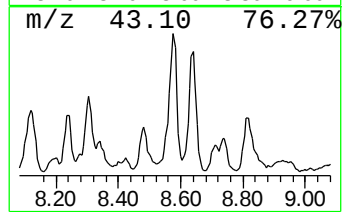
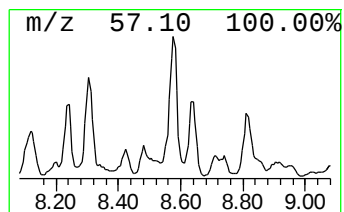
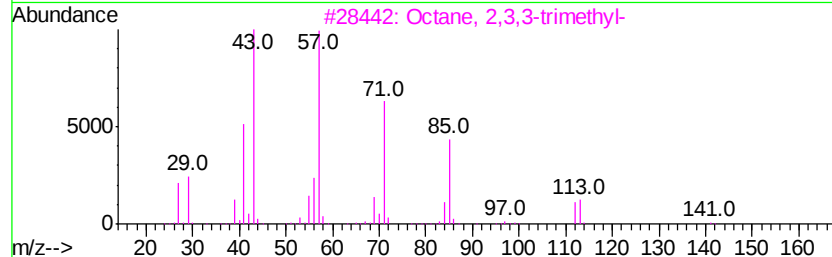
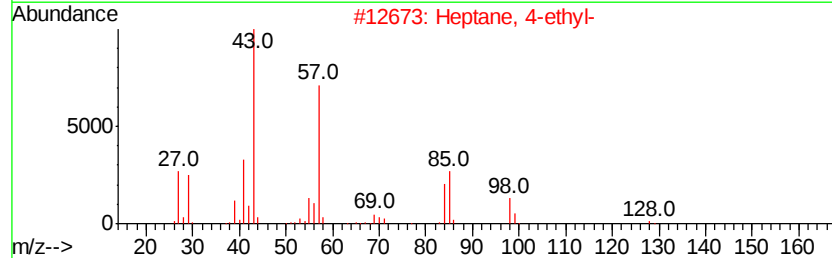
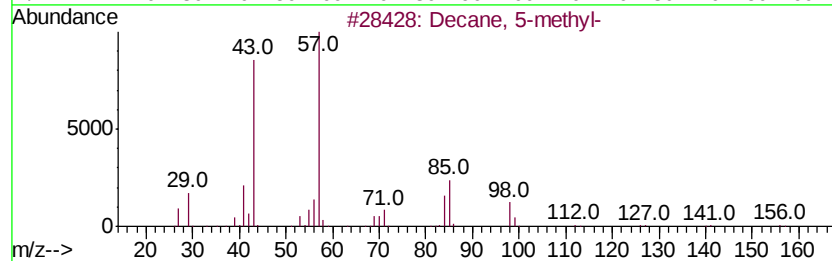
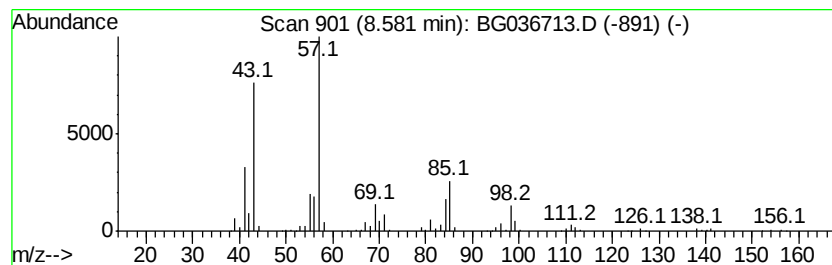
Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	8.08 ng	547684	1,4-Dichlorobenzene-d4	8.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-methyl-	156 C11H24	013151-35-4	90
2	Heptane, 4-ethyl-	128 C9H20	002216-32-2	72
3	Octane, 2,3,3-trimethyl-	156 C11H24	062016-30-2	59
4	Pentane, 3-ethyl-2,3-dimethyl-	128 C9H20	016747-33-4	59
5	Sulfurous acid, butyl hexyl ester	222 C10H22O3S	1000309-17-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

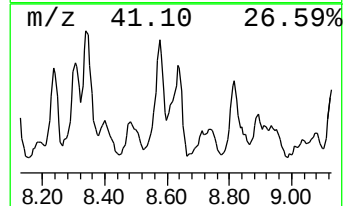
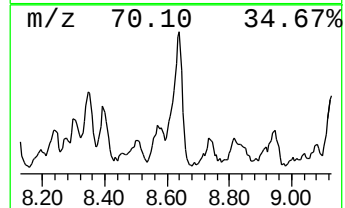
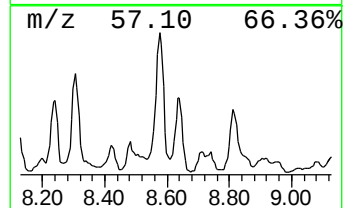
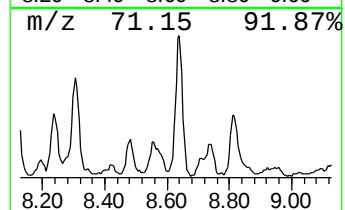
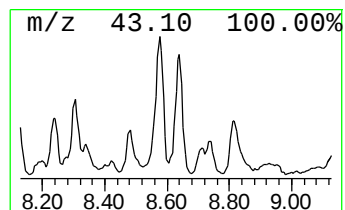
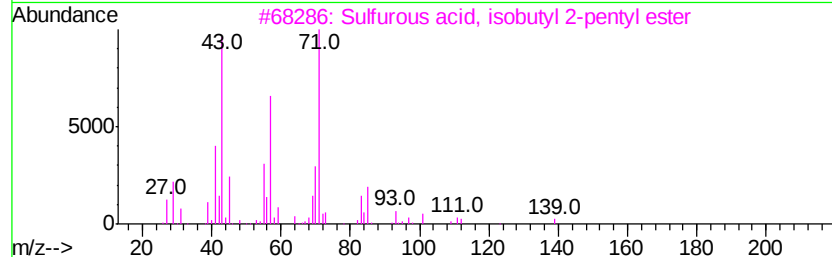
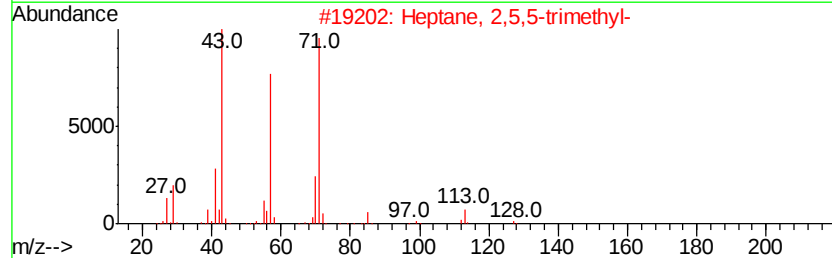
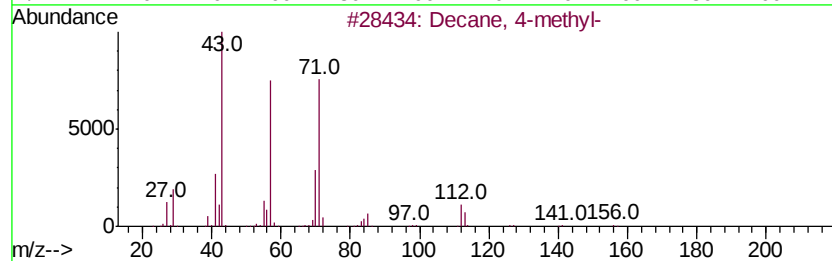
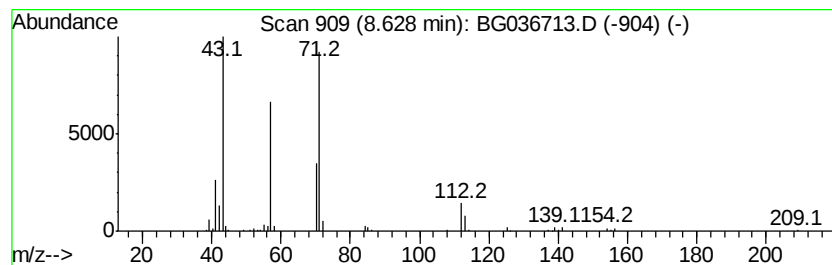
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	7.77 ng	526821	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	83
3		Sulfurous acid, isobutyl 2-pentyl...	208	C9H20O3S	1000309-15-2	78
4		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	78
5		Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

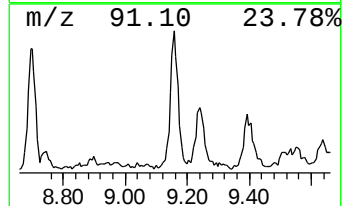
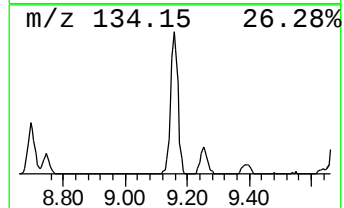
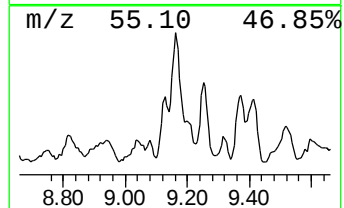
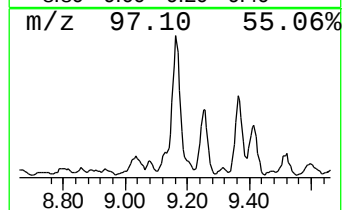
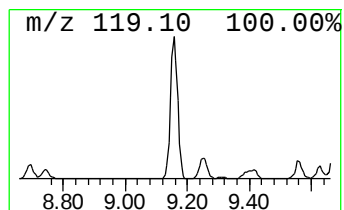
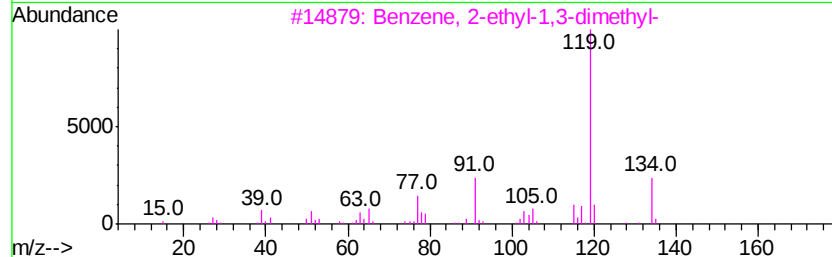
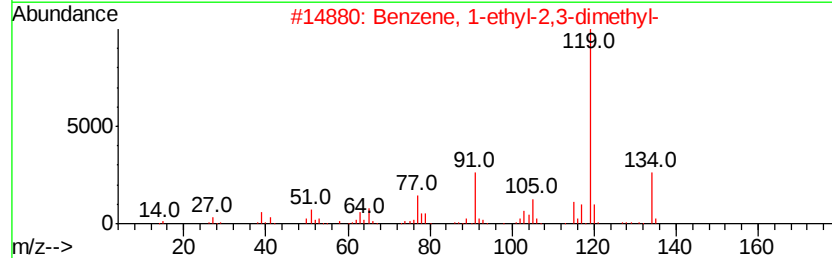
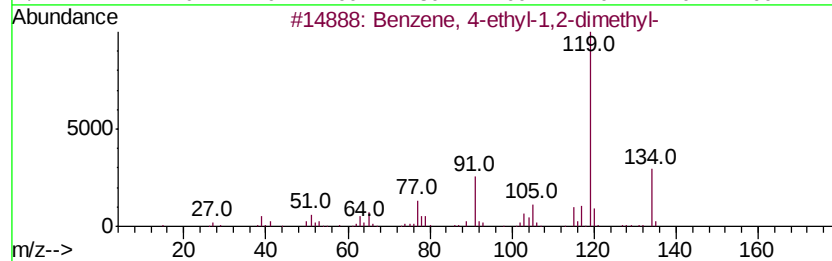
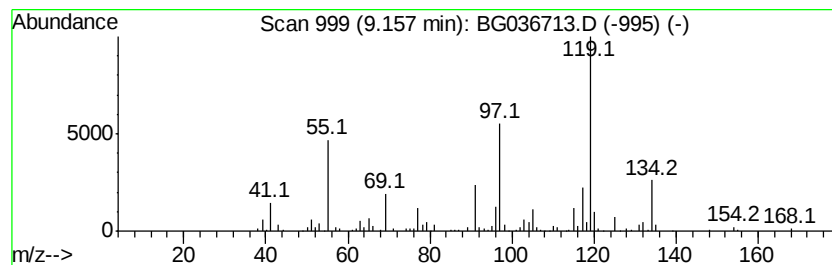
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	10.89 ng	738737	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

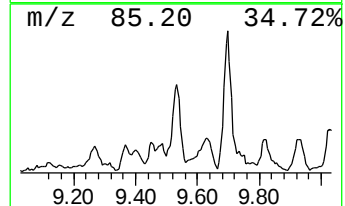
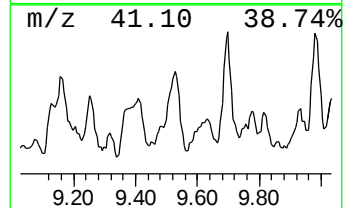
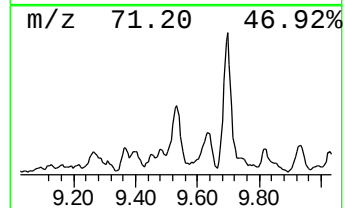
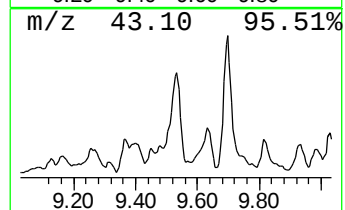
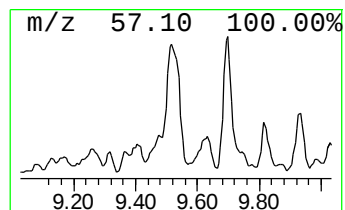
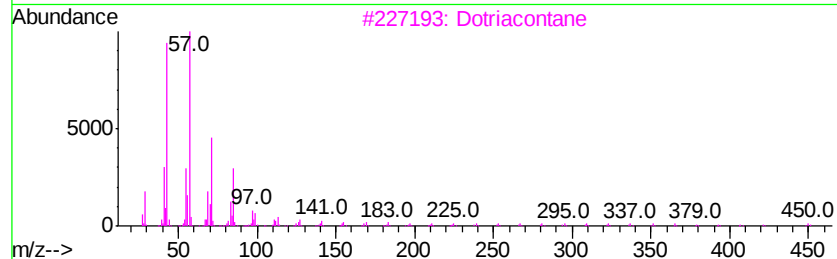
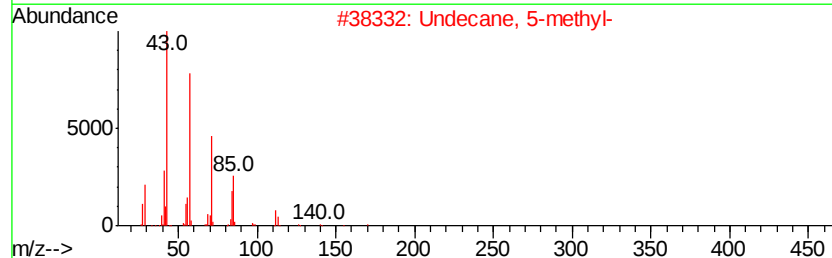
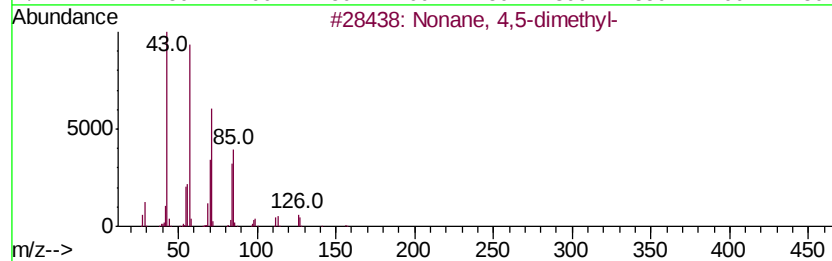
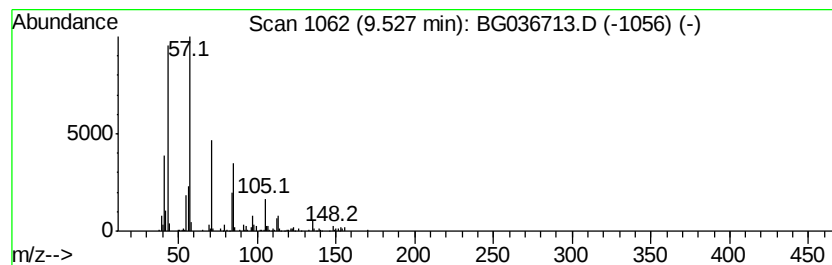
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 4,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	13.57 ng	566983	Naphthalene-d8	10.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	59	
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	59	
3	Dotriacontane	451	C32H66	000544-85-4	59	
4	Decane	142	C10H22	000124-18-5	53	
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

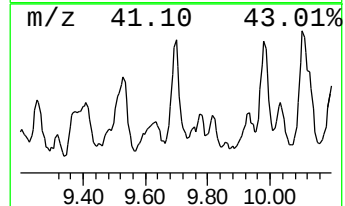
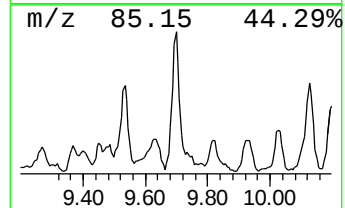
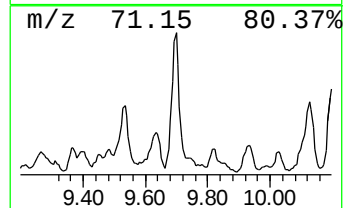
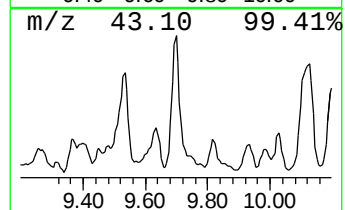
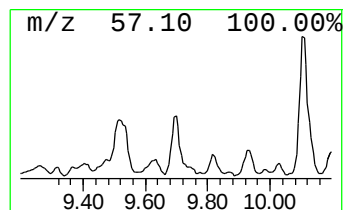
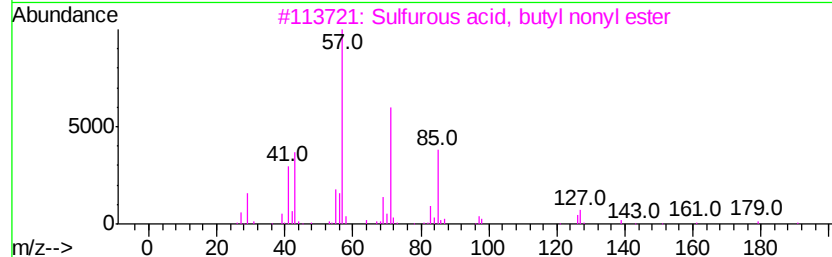
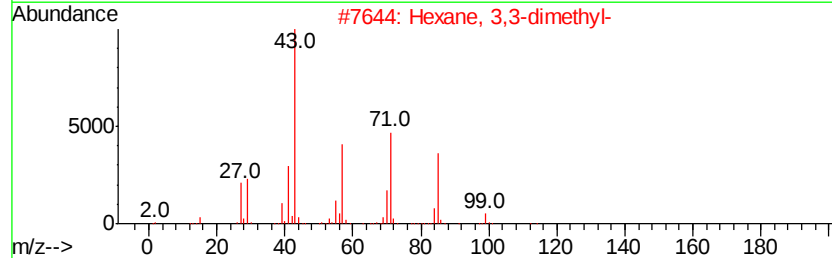
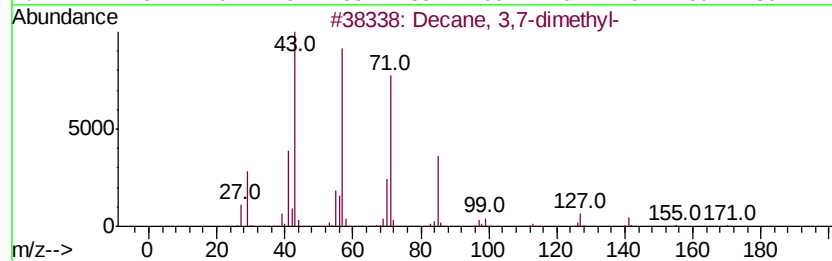
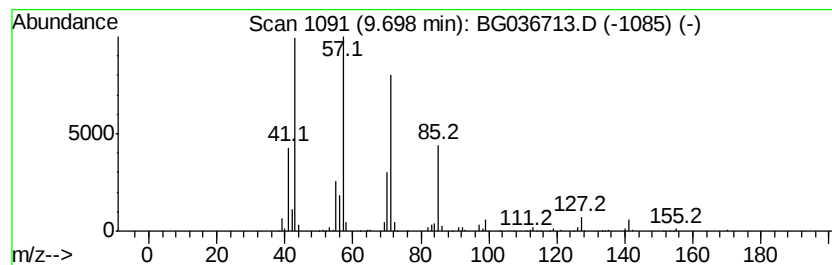
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	14.11 ng	589754	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	97
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	80
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

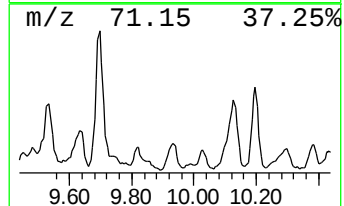
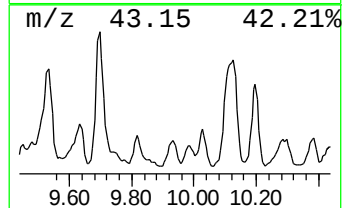
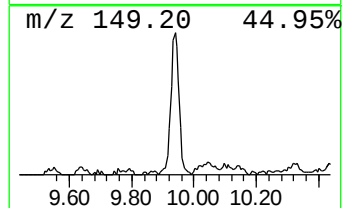
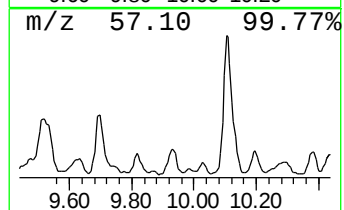
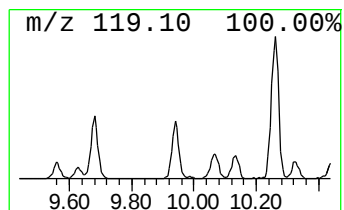
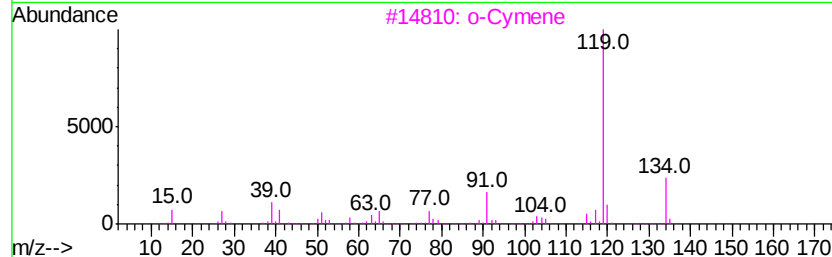
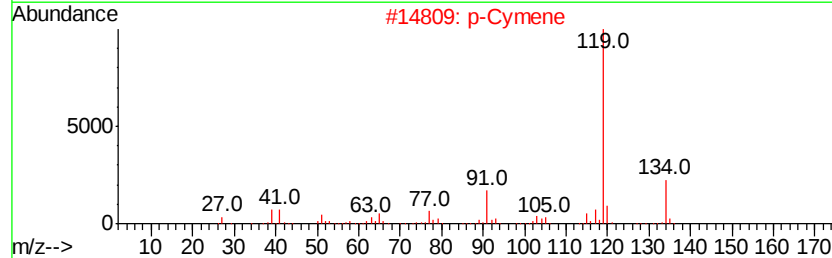
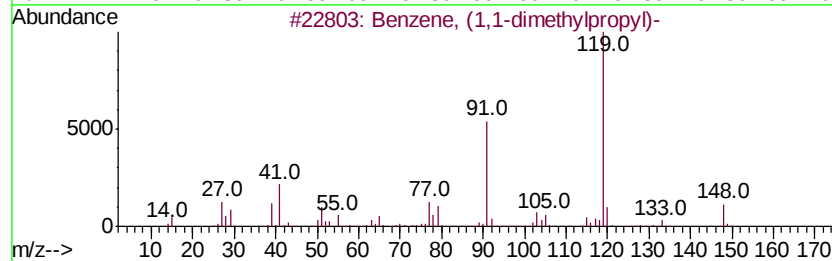
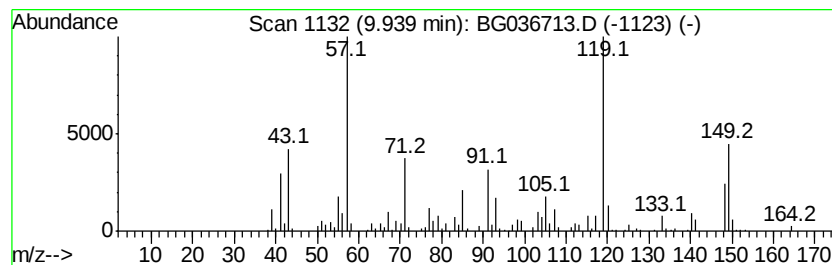
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	9.26 ng	387157	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2		p-Cymene	134	C10H14	000099-87-6	42
3		o-Cymene	134	C10H14	000527-84-4	42
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5		Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

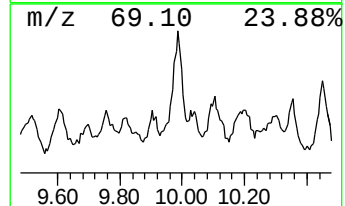
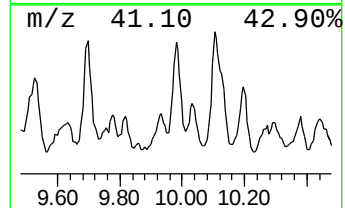
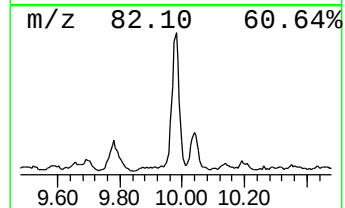
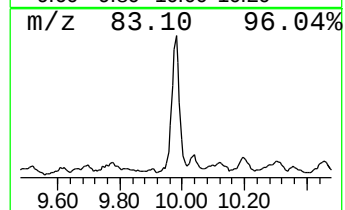
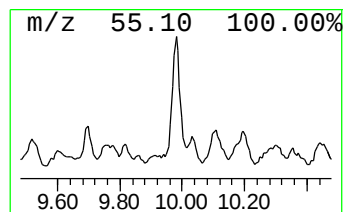
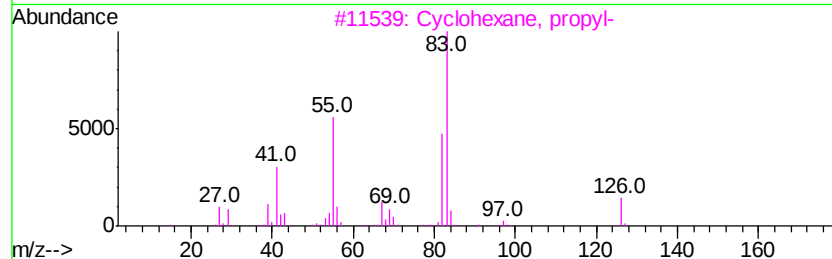
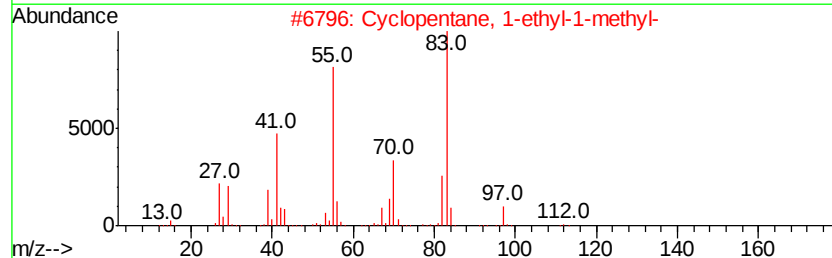
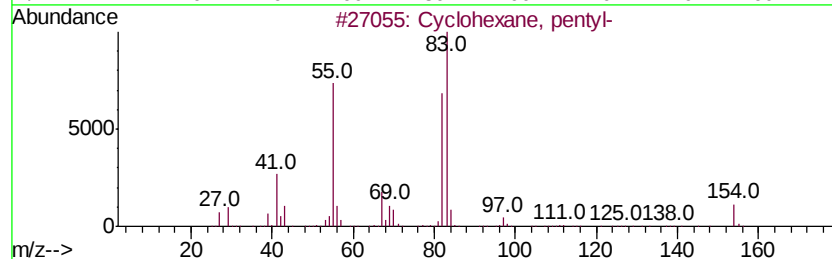
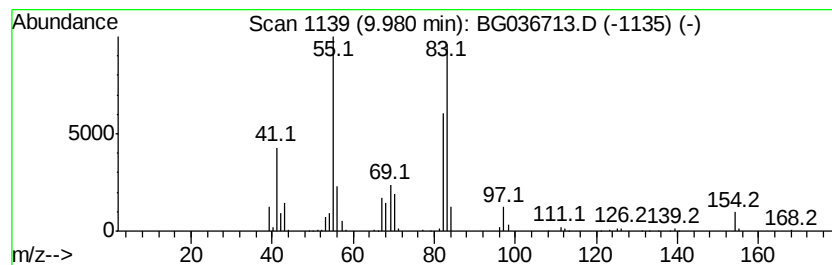
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, pentyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	11.10 ng	464008	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	62
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

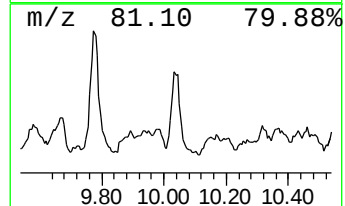
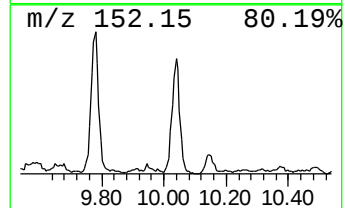
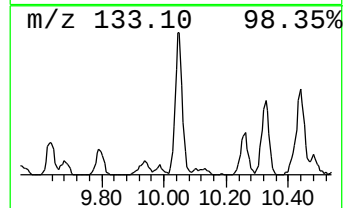
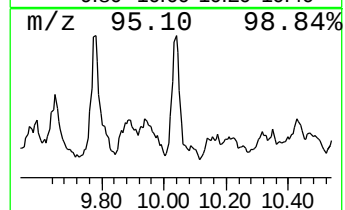
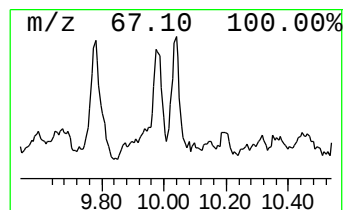
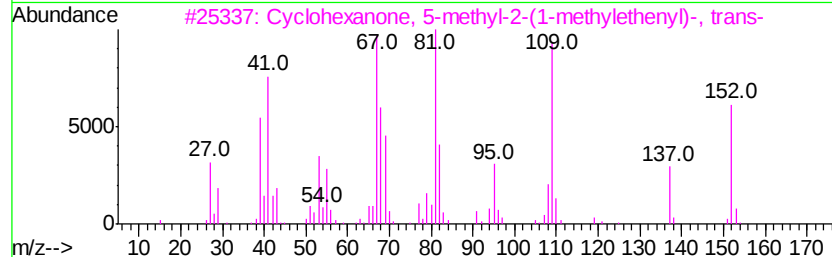
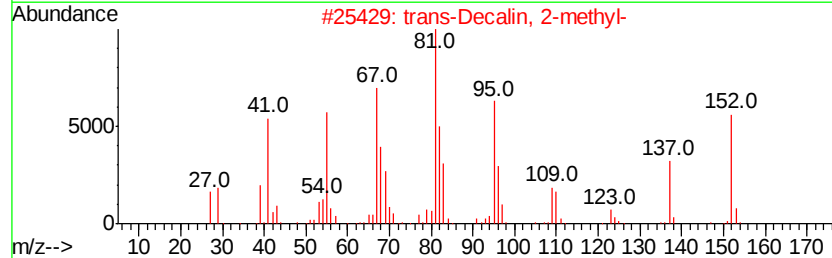
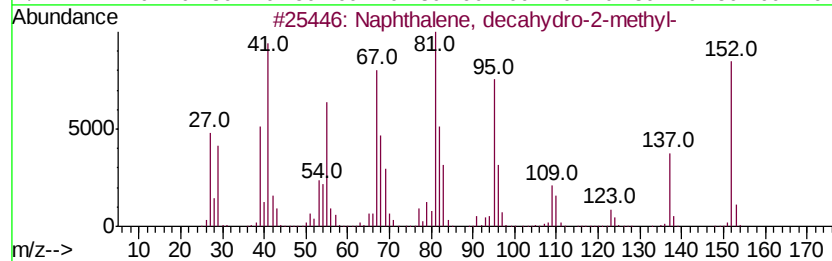
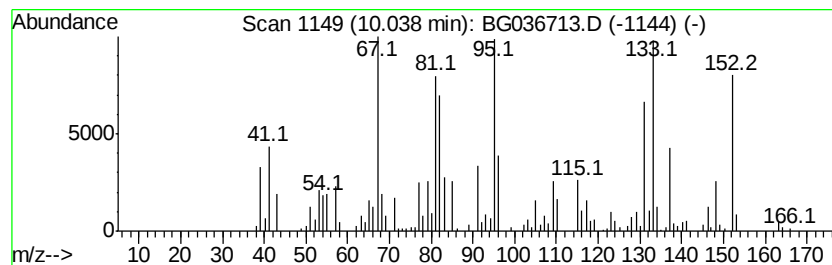
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.43 ng	352172	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	60
3		Cyclohexanone, 5-methyl-2-(1-meth...	152	C10H16O	029606-79-9	45
4		Cyclohexanone, 5-methyl-2-(1-meth...	152	C10H16O	015932-80-6	38
5		5-Dodecyne	166	C12H22	019780-12-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

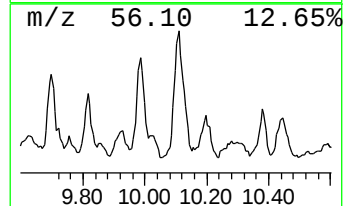
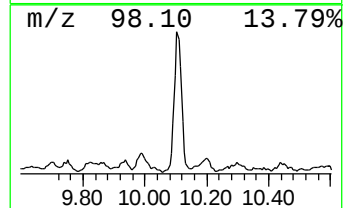
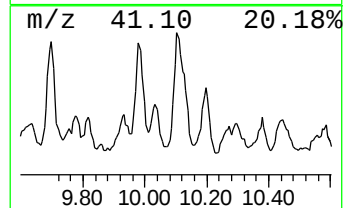
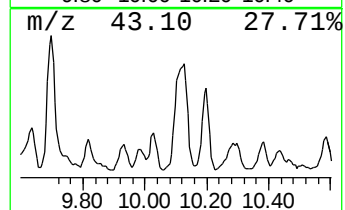
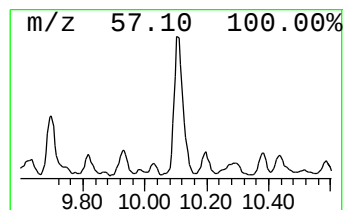
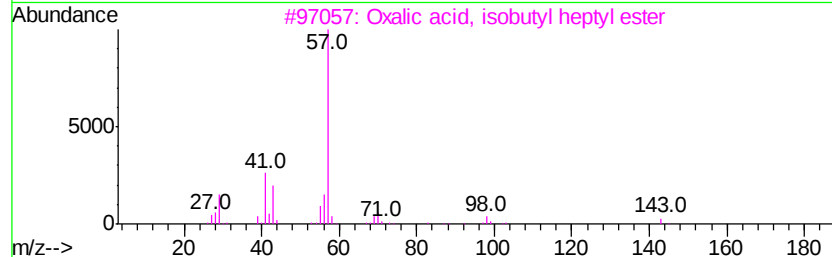
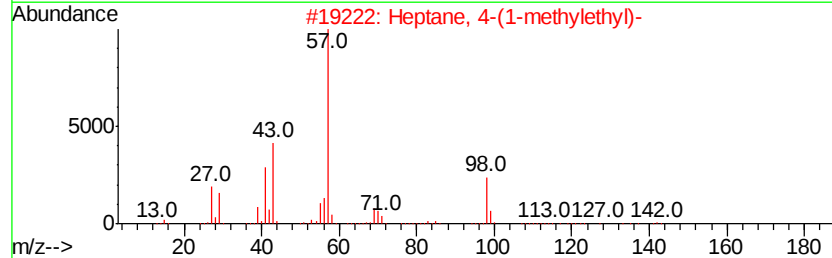
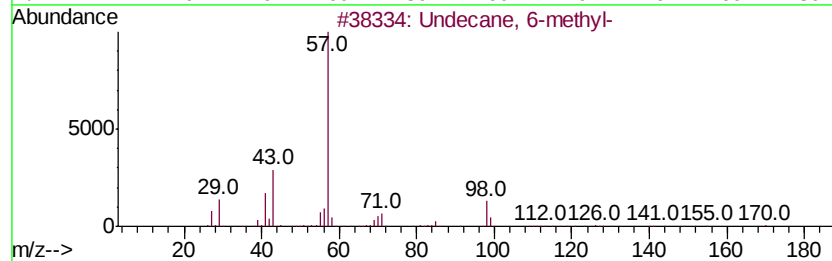
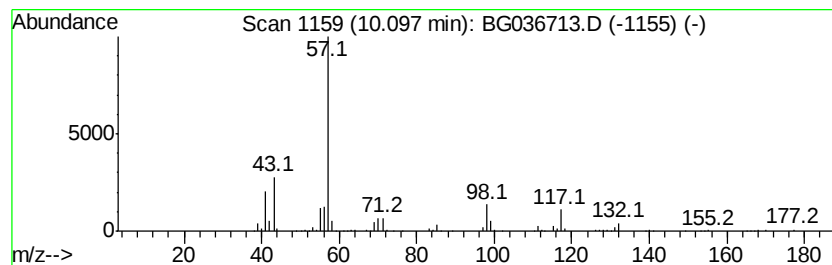
Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 6-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	23.12 ng	966556	Naphthalene-d8	10.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 6-methyl-	170 C12H26	017302-33-9	70
2	Heptane, 4-(1-methylethyl)-	142 C10H22	052896-87-4	53
3	Oxalic acid, isobutyl heptyl ester	244 C13H24O4	1000309-37-2	43
4	Hexane, 3-ethyl-2,5-dimethyl-	142 C10H22	052897-04-8	42
5	Heptane, 4-propyl-	142 C10H22	003178-29-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

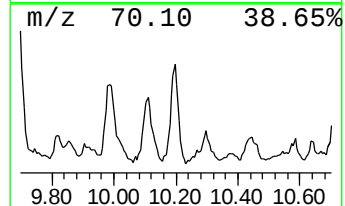
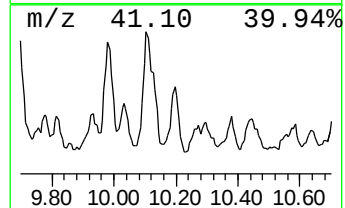
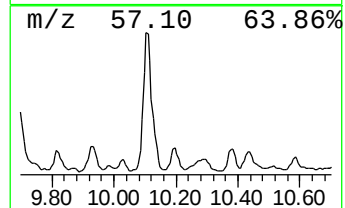
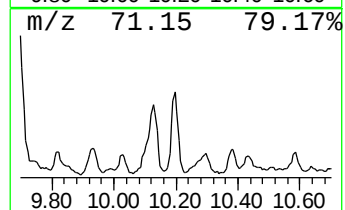
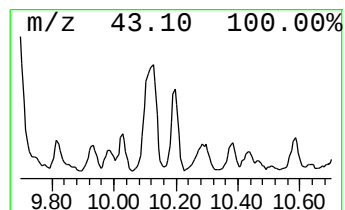
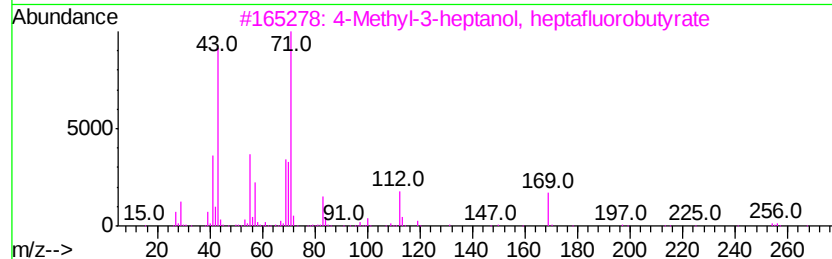
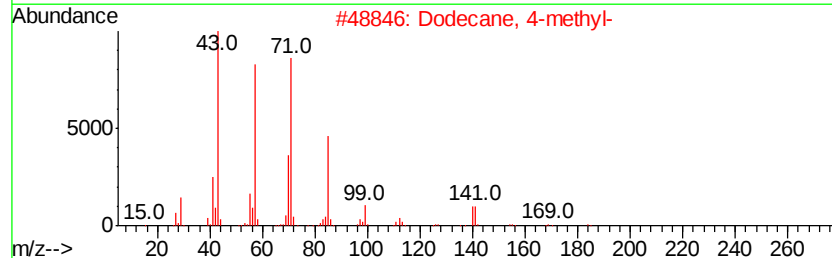
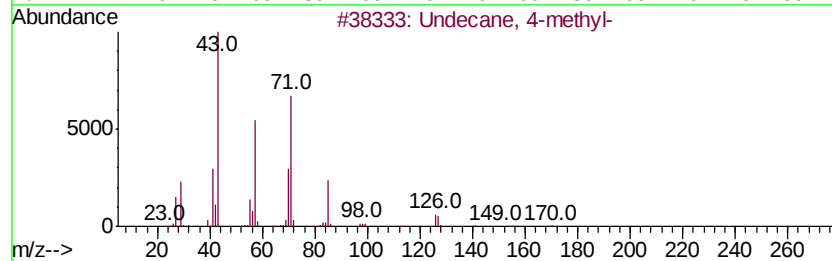
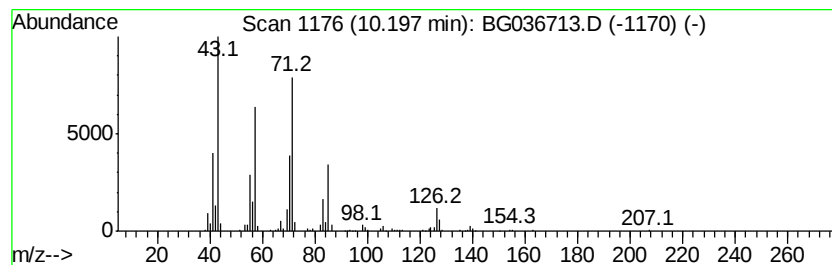
Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.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, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.20	8.73 ng	364954	Naphthalene-d8	10.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	59
4	Sulfurous acid, isobutyl 2-pentyl...	208	C9H20O3S	1000309-15-2	59
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

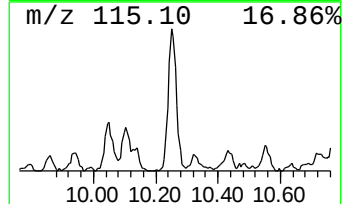
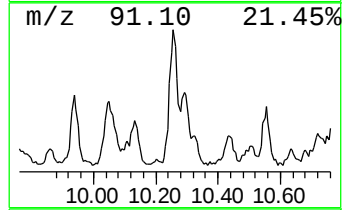
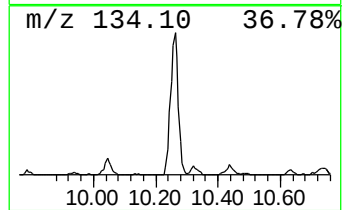
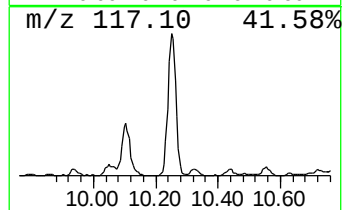
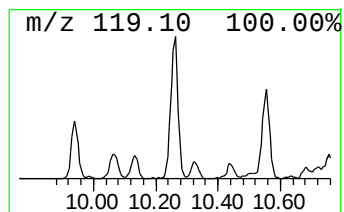
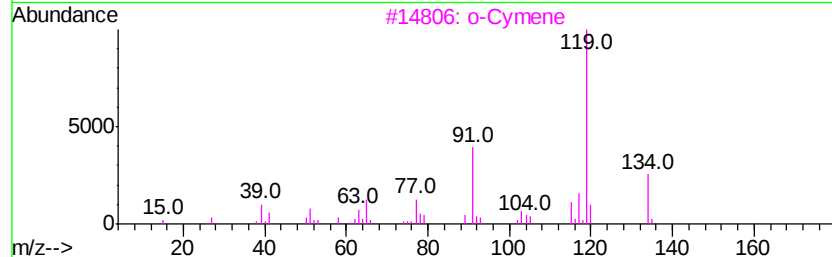
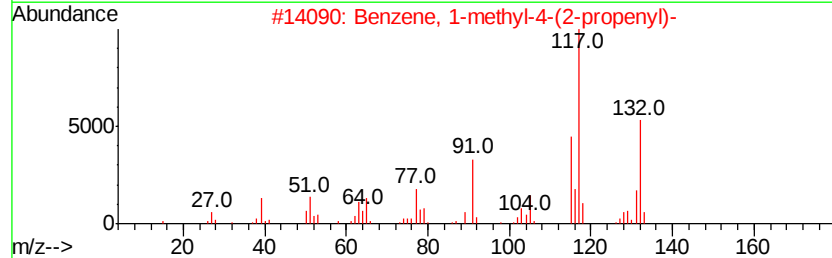
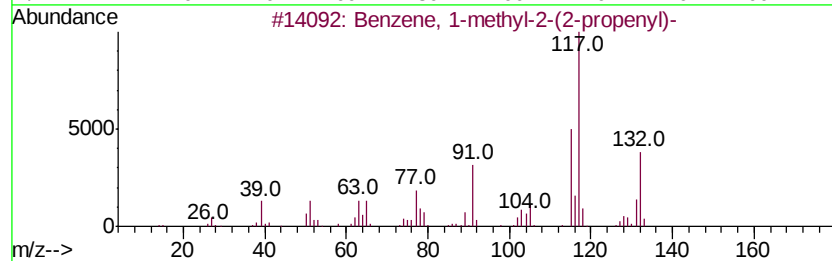
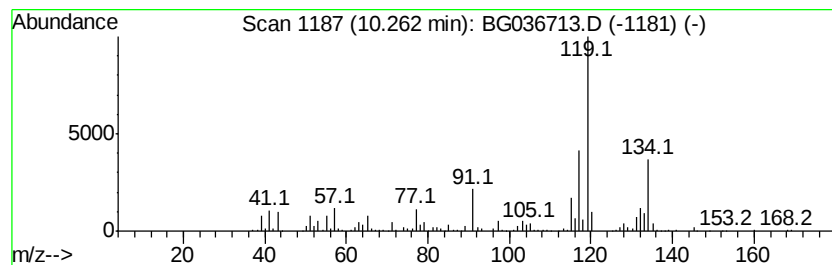
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	13.54 ng	565773	Napthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	84
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	62
3		o-Cymene	134	C10H14	000527-84-4	55
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5		p-Cymene	134	C10H14	000099-87-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

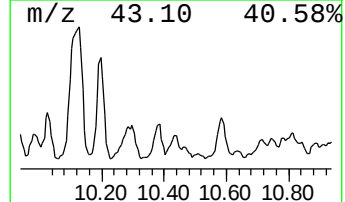
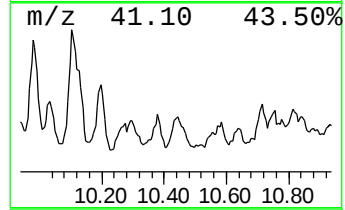
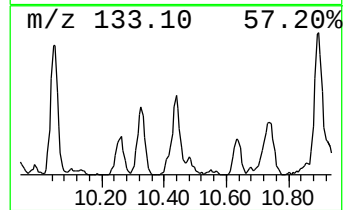
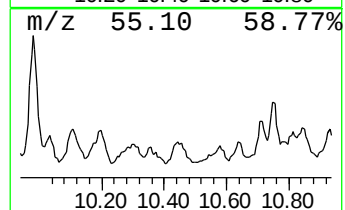
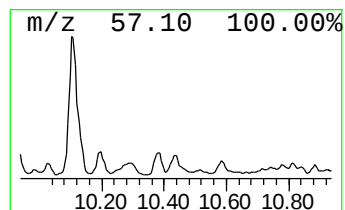
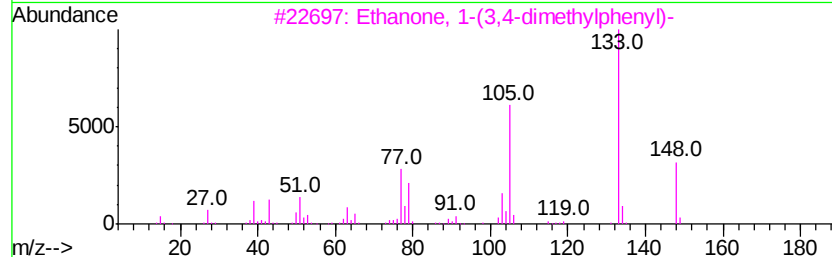
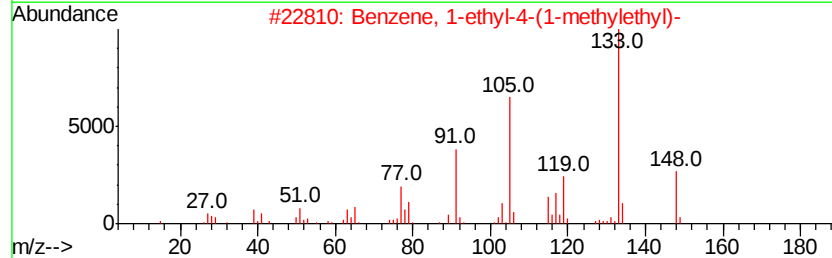
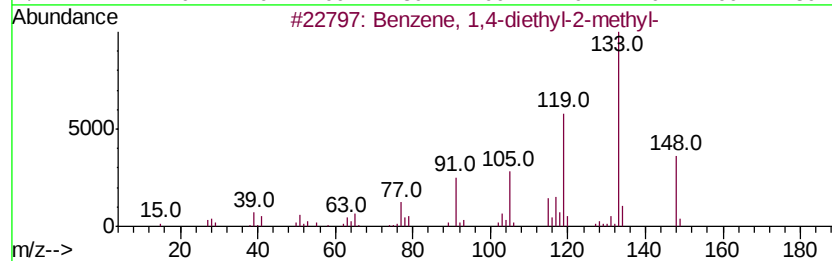
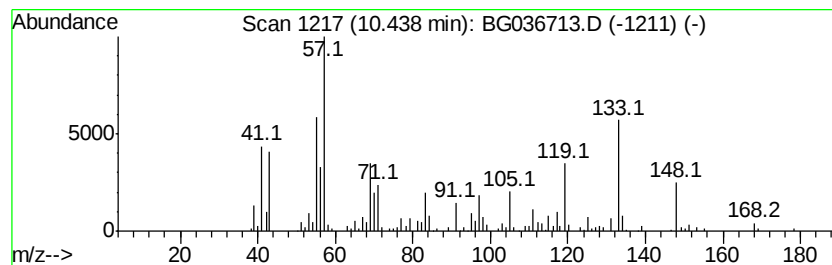
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	8.28 ng	346063	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	78
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
3		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	41
4		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	25
5		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

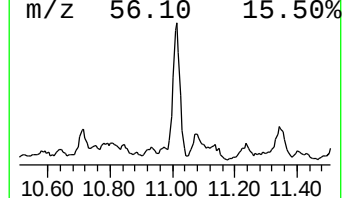
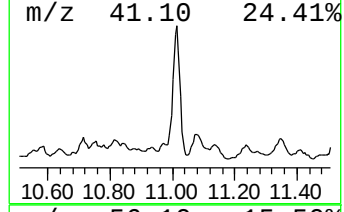
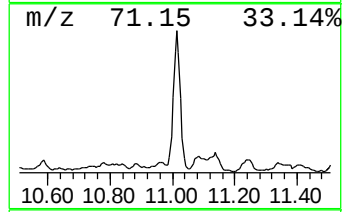
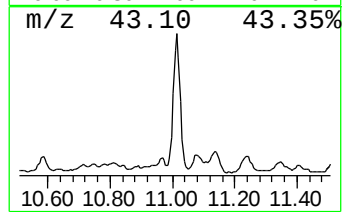
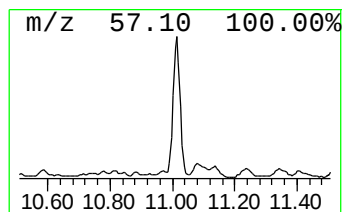
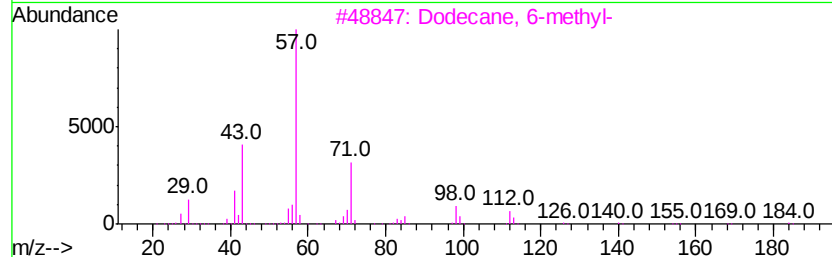
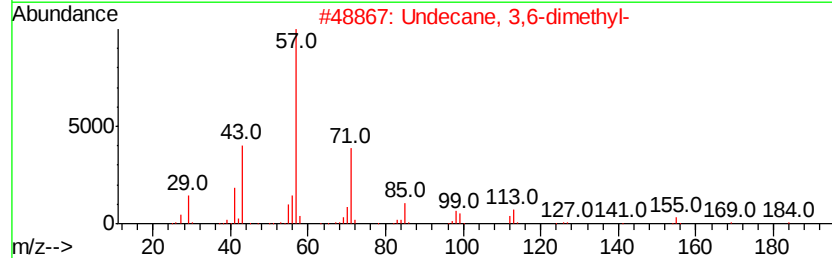
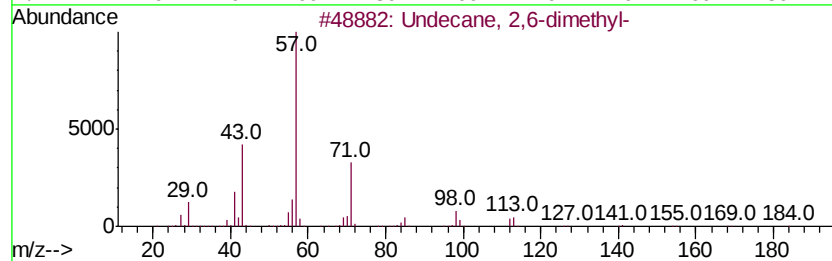
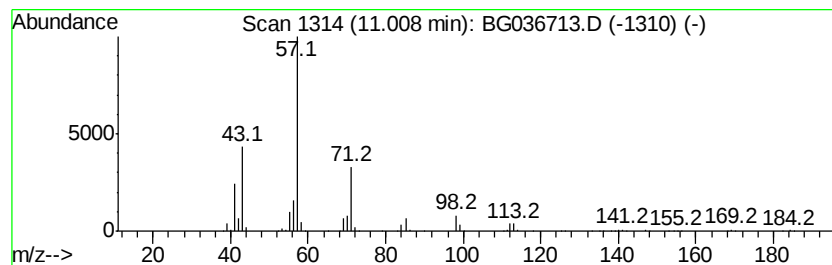
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	36.86 ng	1540760	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

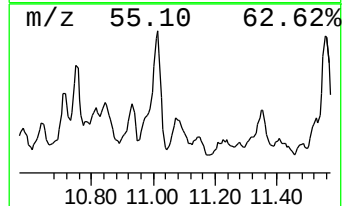
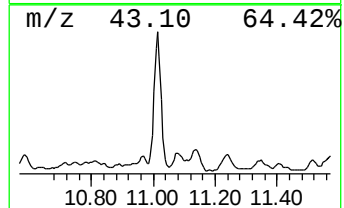
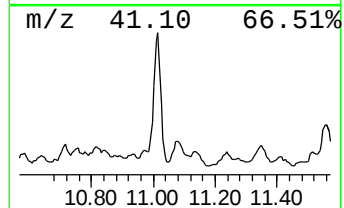
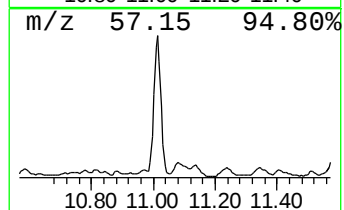
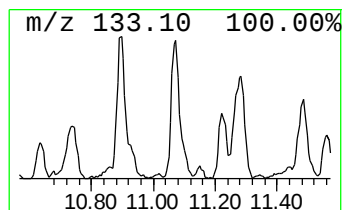
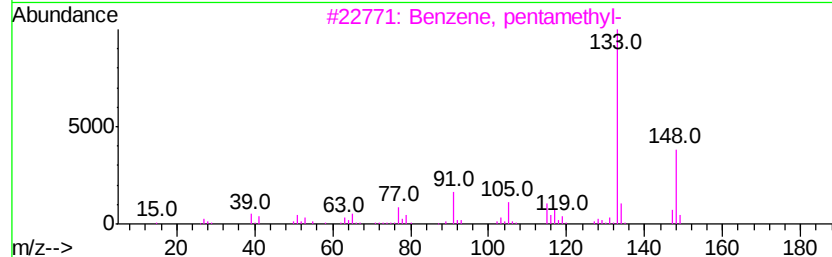
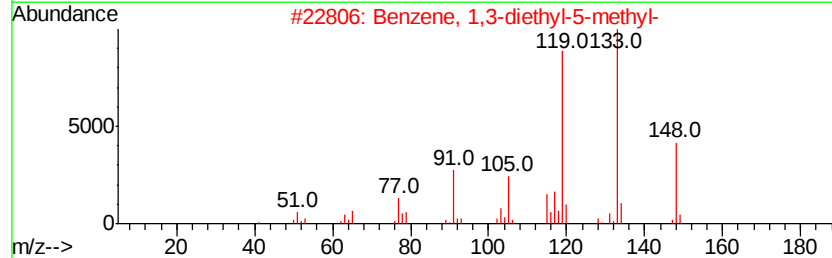
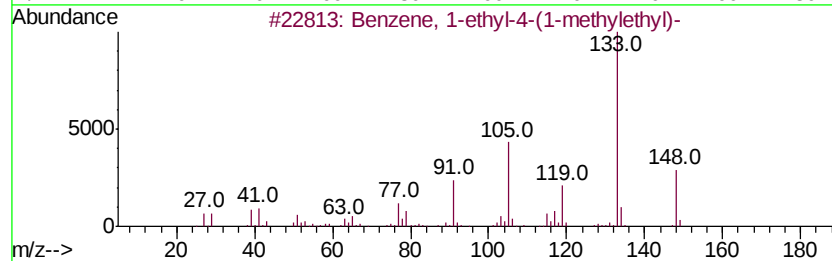
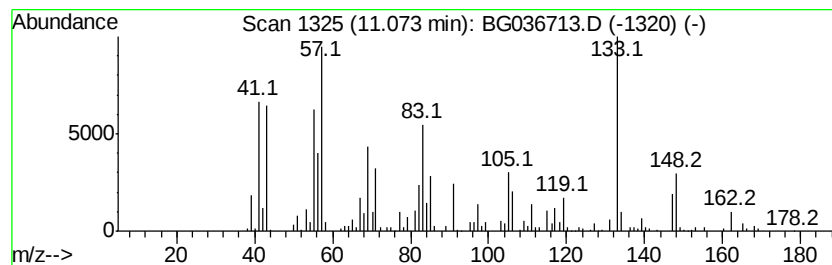
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	9.53 ng	398225	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	38
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	38
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

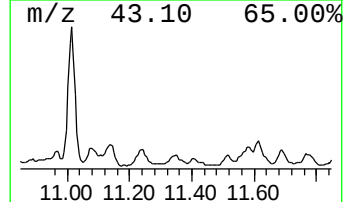
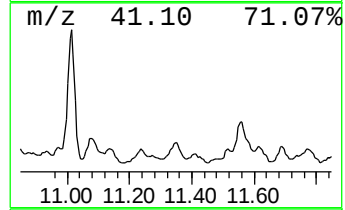
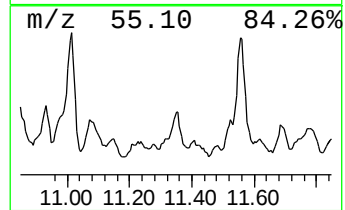
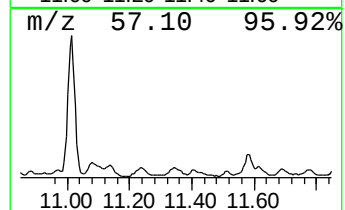
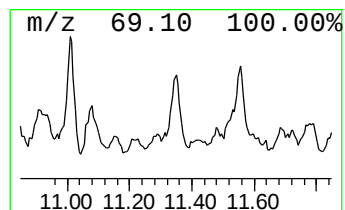
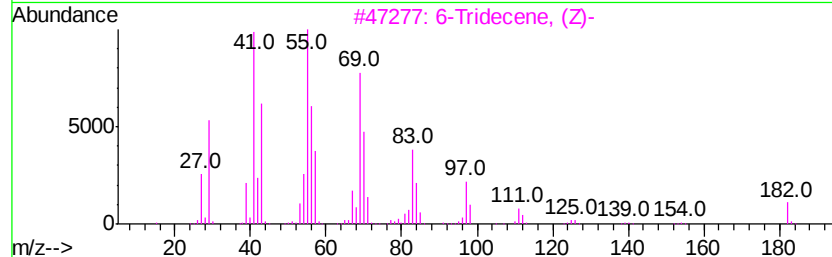
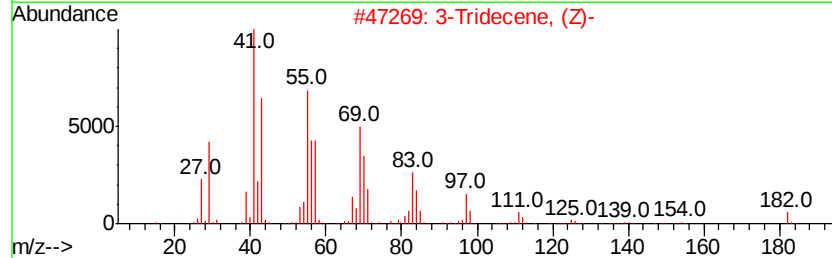
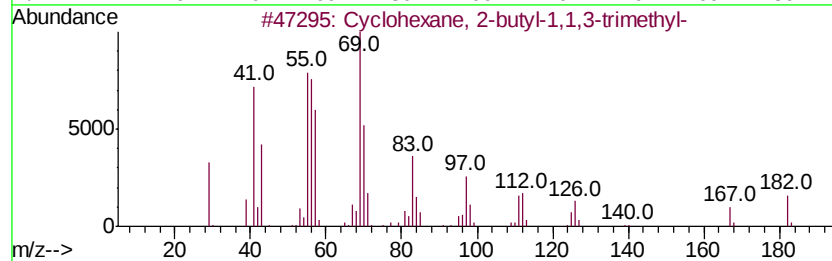
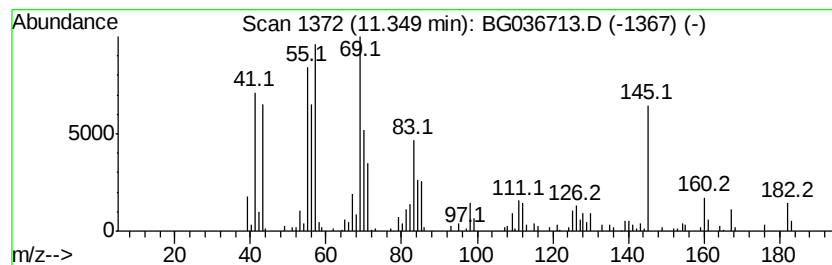
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	7.25 ng	302974	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		3-Tridecene, (Z)-	182	C13H26	041446-53-1	76
3		6-Tridecene, (Z)-	182	C13H26	006508-77-6	76
4		6-Tridecene, (E)-	182	C13H26	006434-76-0	76
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

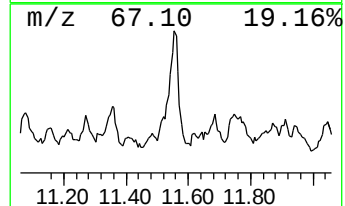
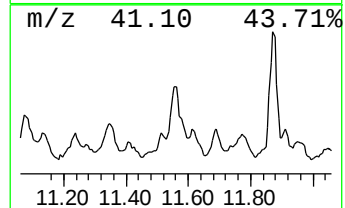
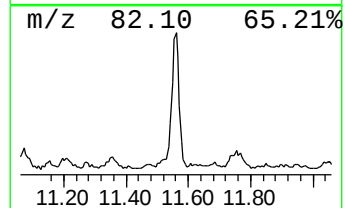
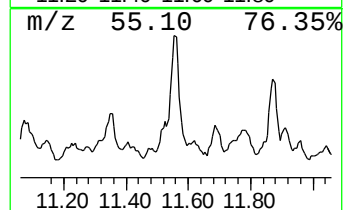
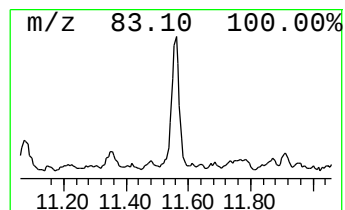
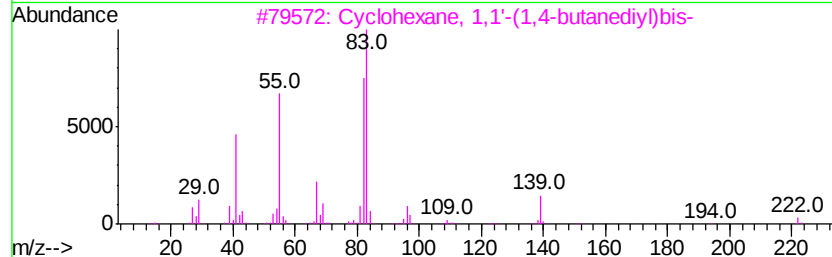
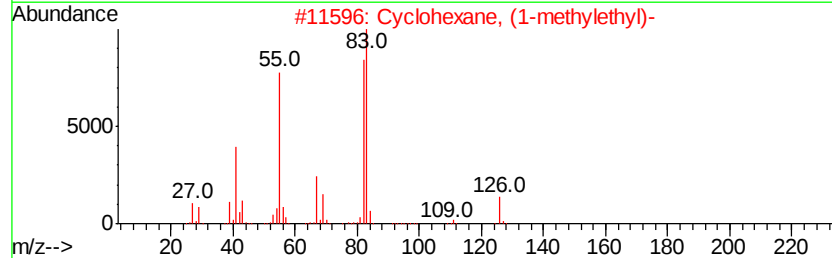
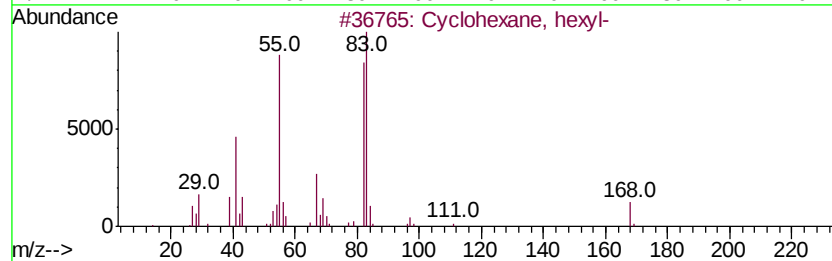
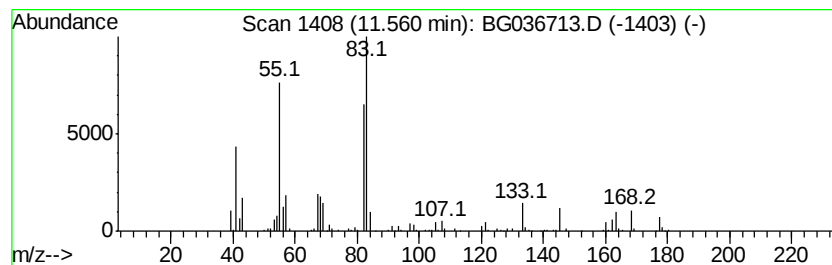
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	15.27 ng	638226	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	93
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3		Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	64
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

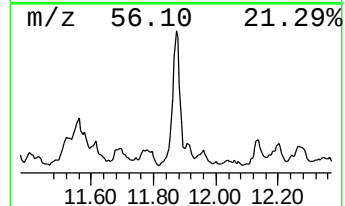
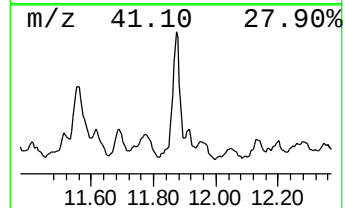
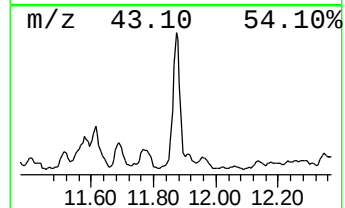
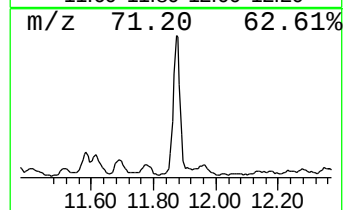
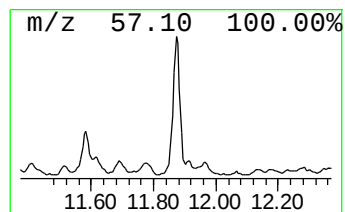
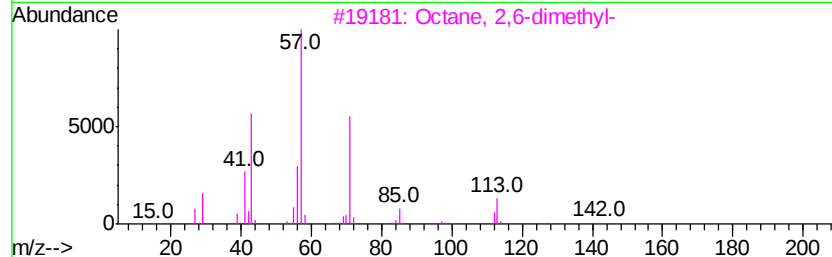
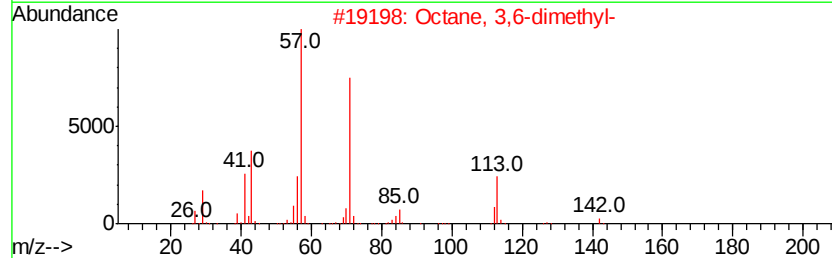
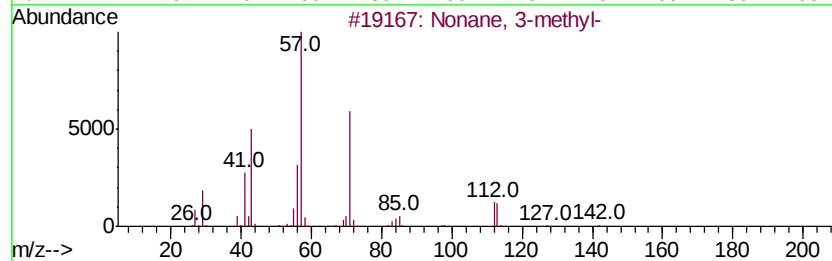
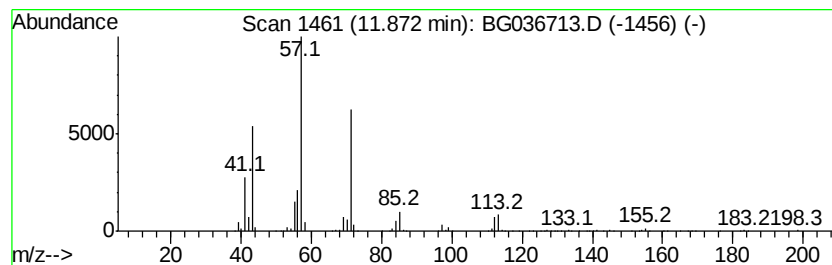
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	19.57 ng	817807	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

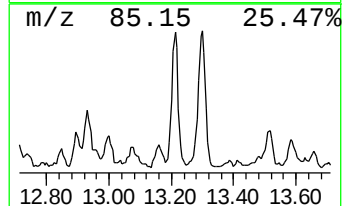
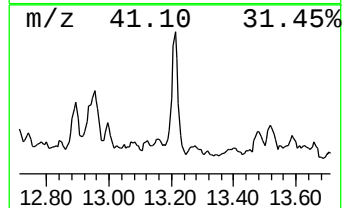
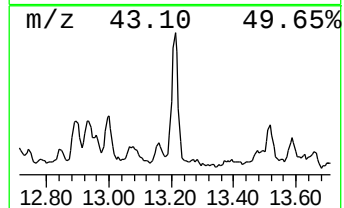
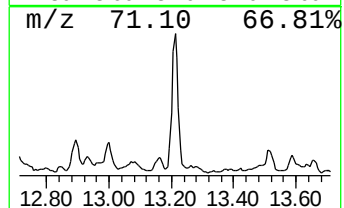
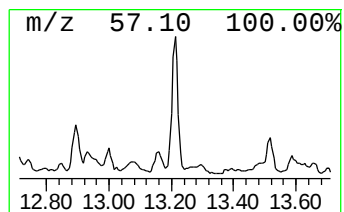
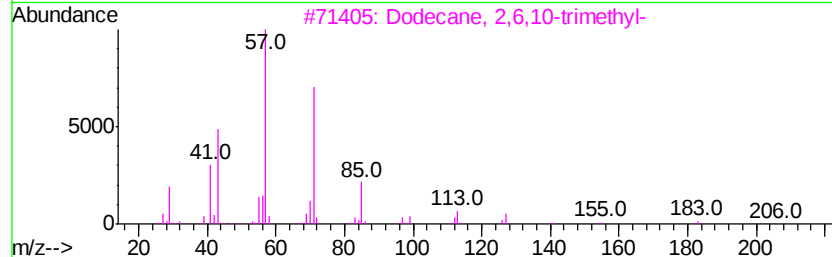
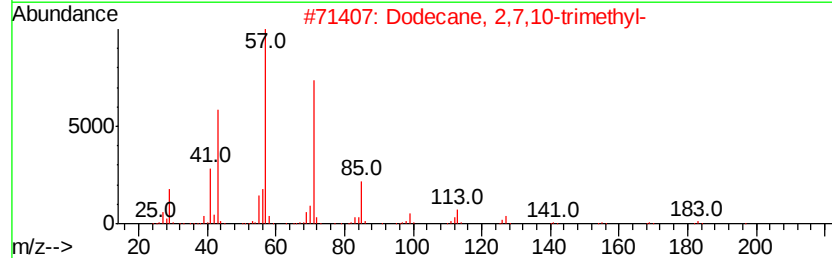
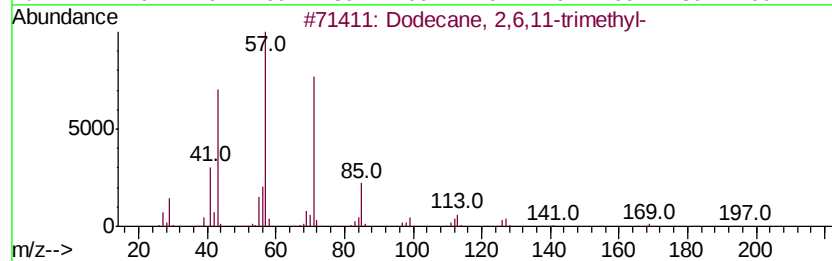
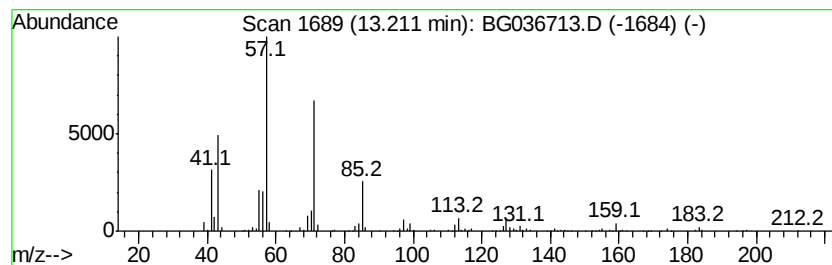
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	12.42 ng	499126	Acenaphthene-d10	14.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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
unknown7.58	7.58	20.6	ng	1393780	1	8.05	1356130	20.0
Decane, 5-methyl-	8.58	8.1	ng	547684	1	8.05	1356130	20.0
Decane, 4-methyl-	8.63	7.8	ng	526821	1	8.05	1356130	20.0
Benzene, 4-ethyl-...	9.16	10.9	ng	738737	1	8.05	1356130	20.0
Nonane, 4,5-dimet...	9.53	13.6	ng	566983	2	10.86	835948	20.0
Decane, 3,7-dimet...	9.70	14.1	ng	589754	2	10.86	835948	20.0
unknown9.94	9.94	9.3	ng	387157	2	10.86	835948	20.0
Cyclohexane, pentyl-	9.98	11.1	ng	464008	2	10.86	835948	20.0
Naphthalene, deca...	10.04	8.4	ng	352172	2	10.86	835948	20.0
Undecane, 6-methyl-	10.10	23.1	ng	966556	2	10.86	835948	20.0
Undecane, 4-methyl-	10.20	8.7	ng	364954	2	10.86	835948	20.0
Benzene, 1-methyl...	10.26	13.5	ng	565773	2	10.86	835948	20.0
Benzene, 1,4-diet...	10.44	8.3	ng	346063	2	10.86	835948	20.0
Undecane, 2,6-dim...	11.01	36.9	ng	1540760	2	10.86	835948	20.0
unknown11.07	11.07	9.5	ng	398225	2	10.86	835948	20.0
Cyclohexane, 2-bu...	11.35	7.3	ng	302974	2	10.86	835948	20.0
Cyclohexane, hexyl-	11.56	15.3	ng	638226	2	10.86	835948	20.0
Nonane, 3-methyl-	11.87	19.6	ng	817807	2	10.86	835948	20.0
Dodecane, 2,6,11-...	13.21	12.4	ng	499126	3	14.67	803507	20.0