

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113098.D
 Acq On : 18 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1687-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	549	553	563	rVB	686383	674627	30.67%	2.391%
2	5.640	601	604	609	rVB	59510	59085	2.69%	0.209%
3	5.981	659	662	668	rBV2	82225	95262	4.33%	0.338%
4	6.175	689	695	699	rBV4	44908	65720	2.99%	0.233%
5	6.240	704	706	708	rBV	53757	40254	1.83%	0.143%
6	6.269	708	711	713	rVV	78754	77329	3.52%	0.274%
7	6.328	718	721	725	rBV	112035	100102	4.55%	0.355%
8	6.369	725	728	733	rBV	840485	790762	35.95%	2.802%
9	6.475	742	746	747	rBV2	60395	63198	2.87%	0.224%
10	6.498	747	750	754	rVB	999129	848016	38.55%	3.005%
11	6.575	760	763	769	rVB	553581	459315	20.88%	1.628%
12	6.681	776	781	784	rBV4	29192	47675	2.17%	0.169%
13	6.728	784	789	792	rVV	1115553	916007	41.64%	3.246%
14	6.757	792	794	797	rVB2	165937	142460	6.48%	0.505%
15	6.793	797	800	804	rBV3	110244	129118	5.87%	0.458%
16	6.881	812	815	820	rVV	869948	819831	37.27%	2.905%
17	6.916	820	821	824	rVB2	48099	38314	1.74%	0.136%
18	6.981	828	832	834	rBV3	36540	56953	2.59%	0.202%
19	7.016	834	838	841	rVB2	150614	180437	8.20%	0.639%
20	7.051	841	844	846	rBV2	185810	164731	7.49%	0.584%
21	7.081	846	849	854	rVB	154921	137547	6.25%	0.487%
22	7.128	854	857	860	rBV	289365	228894	10.40%	0.811%
23	7.287	876	884	887	rVV2	546039	748943	34.05%	2.654%
24	7.340	890	893	896	rVV	1007548	772751	35.13%	2.738%
25	7.381	896	900	904	rVB4	139329	188979	8.59%	0.670%
26	7.416	904	906	909	rBV3	65154	87505	3.98%	0.310%
27	7.451	909	912	916	rVV3	126227	135975	6.18%	0.482%
28	7.504	916	921	922	rVV4	66451	100142	4.55%	0.355%
29	7.534	922	926	931	rVB3	167053	275210	12.51%	0.975%
30	7.640	938	944	948	rVV5	168060	338580	15.39%	1.200%
31	7.704	952	955	958	rVV2	168227	200982	9.14%	0.712%
32	7.739	958	961	963	rVV	228510	259286	11.79%	0.919%
33	7.775	965	967	971	rVV2	266901	285682	12.99%	1.012%
34	7.816	972	974	976	rVV2	163581	153467	6.98%	0.544%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113098.D
 Acq On : 18 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1687-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.851	976	980	983	rVB3	175498	212872	9.68%	0.754%
36	7.887	983	986	988	rBV	78523	72330	3.29%	0.256%
37	7.922	990	992	996	rVV3	53541	46755	2.13%	0.166%
38	7.975	996	1001	1003	rVV4	114582	178331	8.11%	0.632%
39	8.010	1003	1007	1010	rVV2	2175954	2199861	100.00%	7.796%
40	8.063	1014	1016	1018	rVV2	159152	171678	7.80%	0.608%
41	8.087	1018	1020	1022	rVV	387051	294813	13.40%	1.045%
42	8.110	1022	1024	1027	rVV2	111749	120456	5.48%	0.427%
43	8.139	1027	1029	1031	rVB2	72374	55885	2.54%	0.198%
44	8.187	1031	1037	1039	rBV6	79388	133878	6.09%	0.474%
45	8.210	1039	1041	1042	rVV	91088	78232	3.56%	0.277%
46	8.257	1046	1049	1051	rVV3	66230	68993	3.14%	0.244%
47	8.310	1053	1058	1061	rVV5	240274	342868	15.59%	1.215%
48	8.369	1065	1068	1070	rVV3	167059	163194	7.42%	0.578%
49	8.398	1070	1073	1076	rVV2	240238	234492	10.66%	0.831%
50	8.445	1077	1081	1085	rVV	389668	444054	20.19%	1.574%
51	8.481	1085	1087	1090	rVB3	84866	71571	3.25%	0.254%
52	8.516	1090	1093	1096	rBV2	213411	182252	8.28%	0.646%
53	8.557	1097	1100	1102	rVV3	66811	62398	2.84%	0.221%
54	8.610	1106	1109	1115	rVV	886602	883835	40.18%	3.132%
55	8.669	1117	1119	1122	rVV2	143661	169068	7.69%	0.599%
56	8.710	1123	1126	1132	rVB4	151586	199120	9.05%	0.706%
57	8.763	1132	1135	1138	rBV4	31668	52470	2.39%	0.186%
58	8.834	1145	1147	1152	rVB3	117669	130264	5.92%	0.462%
59	8.892	1155	1157	1159	rBV	110263	106238	4.83%	0.376%
60	8.922	1159	1162	1164	rVV3	113458	141850	6.45%	0.503%
61	8.945	1164	1166	1169	rVV3	68427	84821	3.86%	0.301%
62	8.975	1169	1171	1174	rVB	157598	117012	5.32%	0.415%
63	9.016	1175	1178	1180	rBV2	87871	86298	3.92%	0.306%
64	9.039	1180	1182	1186	rVB2	248516	236820	10.77%	0.839%
65	9.081	1186	1189	1195	rBV	1233675	1100430	50.02%	3.900%
66	9.175	1201	1205	1209	rBV	736138	640236	29.10%	2.269%
67	9.239	1214	1216	1218	rVB2	59851	46883	2.13%	0.166%
68	9.339	1229	1233	1235	rBV4	39722	60956	2.77%	0.216%
69	9.404	1240	1244	1245	rBV3	39881	48707	2.21%	0.173%
70	9.422	1245	1247	1250	rVV3	93556	130088	5.91%	0.461%
71	9.451	1250	1252	1254	rVV2	93448	79195	3.60%	0.281%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

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

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

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

72	9.492	1254	1259	1261	rVV3	222772	336006	15.27%	1.191%
73	9.516	1261	1263	1266	rVV	117987	109601	4.98%	0.388%
74	9.551	1267	1269	1272	rVB2	66736	53969	2.45%	0.191%
75	9.704	1292	1295	1299	rVB	446202	344191	15.65%	1.220%
76	9.757	1299	1304	1311	rBV	1408313	1461996	66.46%	5.181%
77	9.939	1331	1335	1337	rBV5	40016	56180	2.55%	0.199%
78	9.963	1337	1339	1342	rVB3	47904	42850	1.95%	0.152%
79	10.028	1347	1350	1354	rVV4	74664	78407	3.56%	0.278%
80	10.198	1376	1379	1382	rVB	235831	193016	8.77%	0.684%
81	10.422	1413	1417	1422	rVB	86984	90772	4.13%	0.322%
82	10.545	1434	1438	1447	rBV	544718	605524	27.53%	2.146%
83	10.669	1456	1459	1468	rVB	164982	226884	10.31%	0.804%
84	11.116	1533	1535	1538	rBV	97803	87408	3.97%	0.310%
85	11.151	1538	1541	1545	rVB	54697	59317	2.70%	0.210%
86	11.239	1552	1556	1563	rBV	1374004	1320648	60.03%	4.680%
87	11.545	1604	1608	1611	rBV	67562	61116	2.78%	0.217%
88	11.775	1644	1647	1650	rBV3	32728	38614	1.76%	0.137%
89	11.945	1674	1676	1680	rBV	46947	43496	1.98%	0.154%
90	12.322	1737	1740	1741	rBV	130101	116684	5.30%	0.413%
91	12.339	1741	1743	1749	rVB2	132752	129858	5.90%	0.460%
92	12.445	1756	1761	1765	rBV2	49869	55196	2.51%	0.196%
93	12.674	1797	1800	1803	rBV	40694	39128	1.78%	0.139%
94	12.816	1820	1824	1832	rBV	1109175	1006624	45.76%	3.567%
95	13.057	1863	1865	1869	rVB3	41021	41035	1.87%	0.145%
96	13.398	1921	1923	1926	rBV	47961	45735	2.08%	0.162%
97	13.868	1999	2003	2010	rBV	1170734	1283495	58.34%	4.548%
98	14.345	2082	2084	2086	rBV	77132	61631	2.80%	0.218%
99	14.639	2132	2134	2142	rVB2	99252	102115	4.64%	0.362%
100	15.280	2238	2243	2246	rBV	791884	995518	45.25%	3.528%

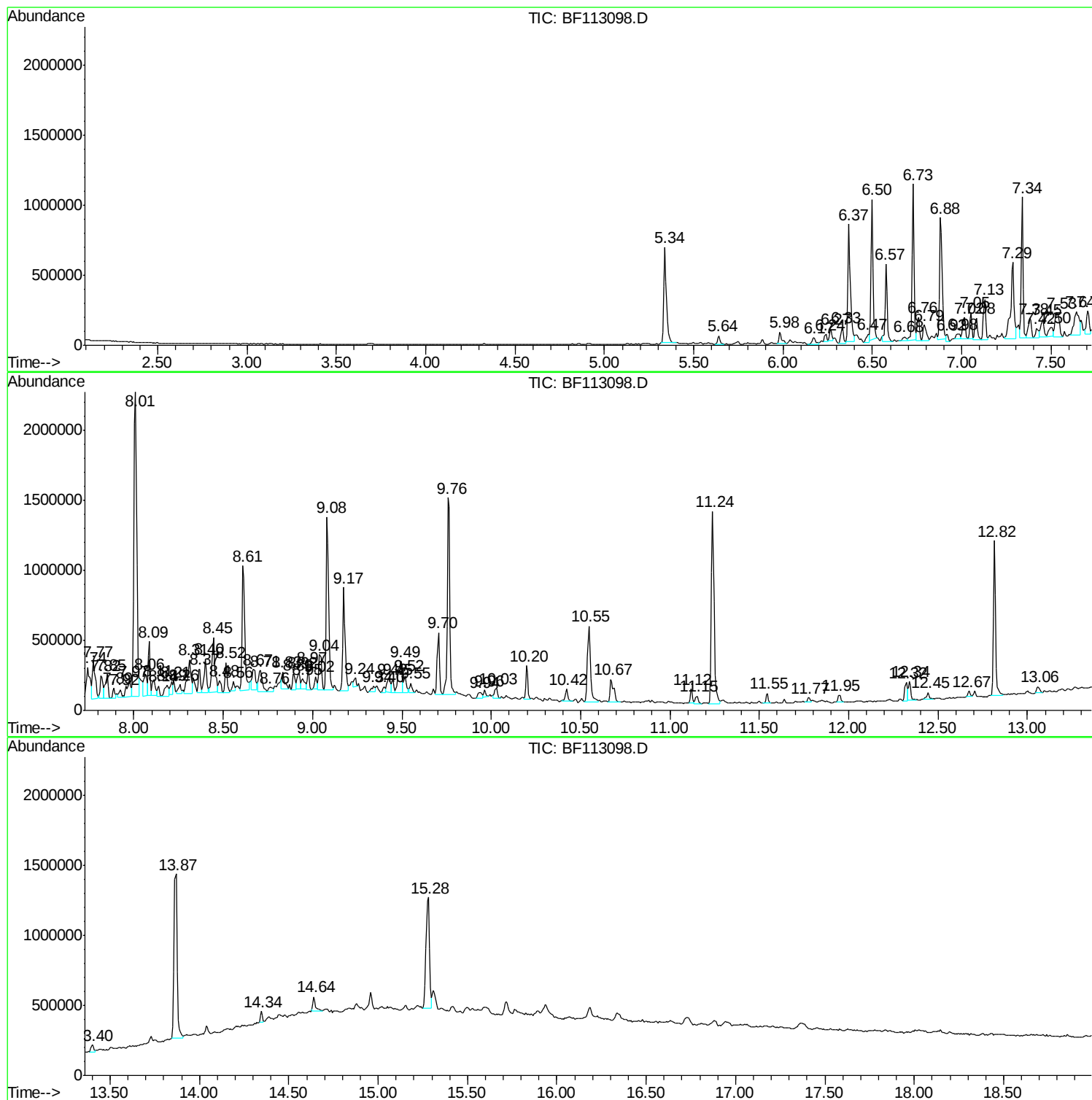
Sum of corrected areas: 28219357

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

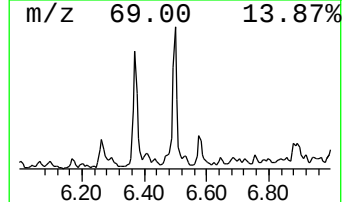
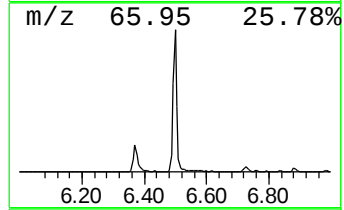
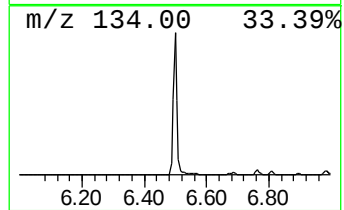
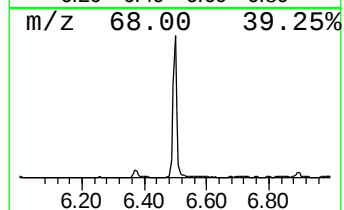
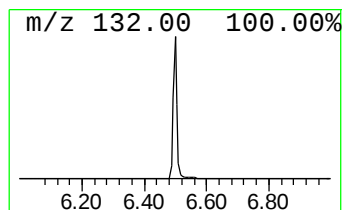
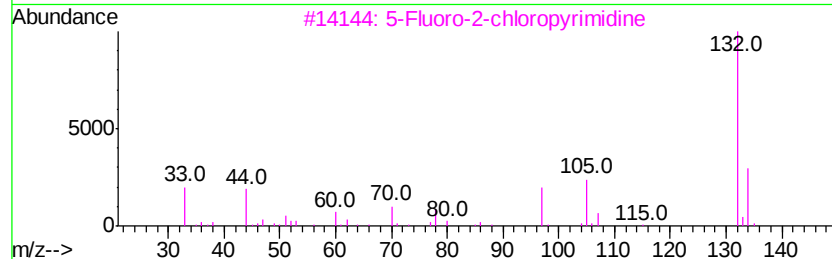
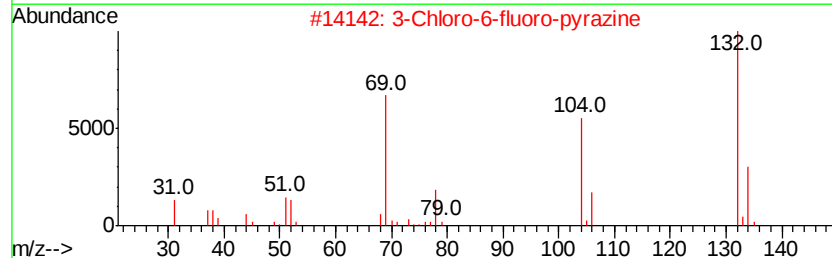
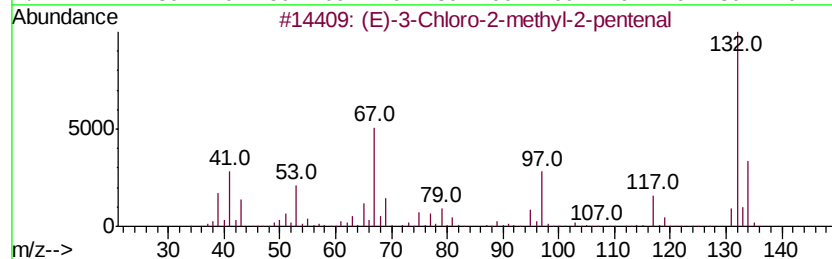
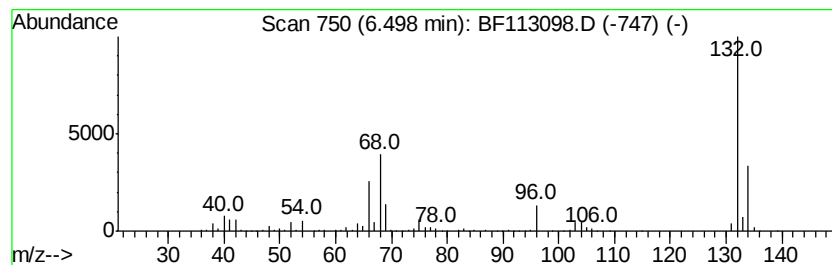
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	18.52 ng	848016	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

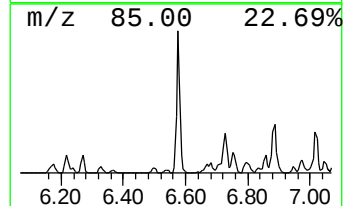
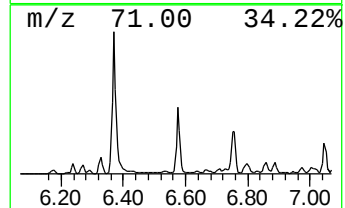
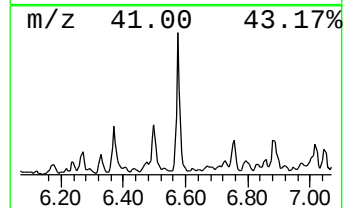
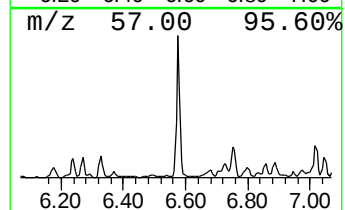
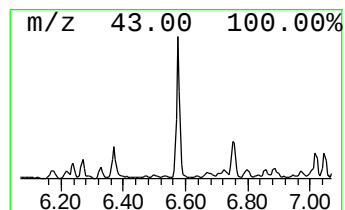
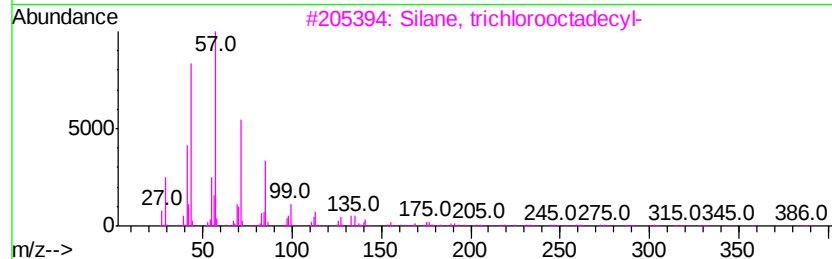
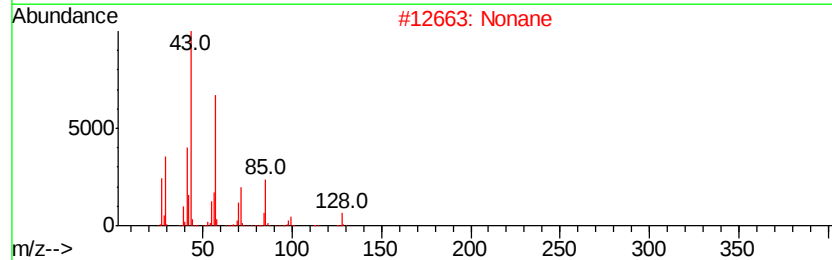
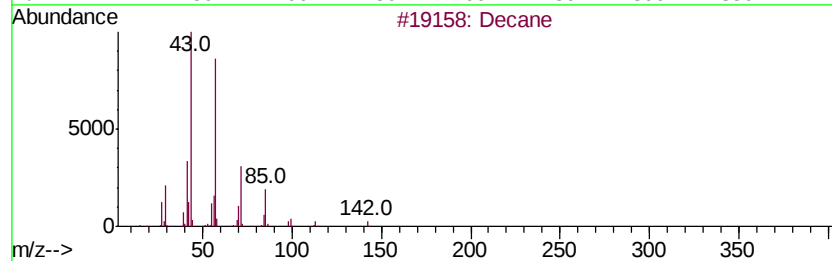
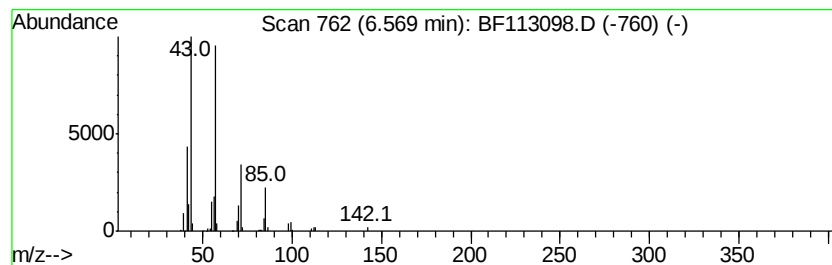
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	10.03 ng	459315	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Nonane	128	C9H20	000111-84-2	90
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Undecane	156	C11H24	001120-21-4	78
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

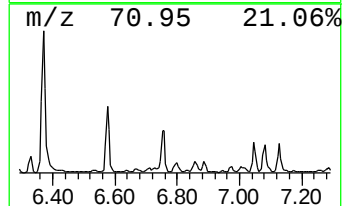
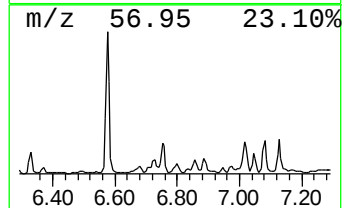
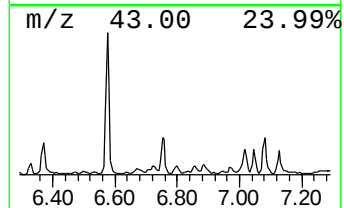
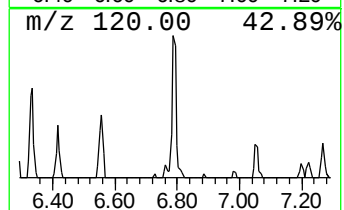
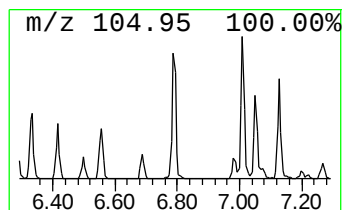
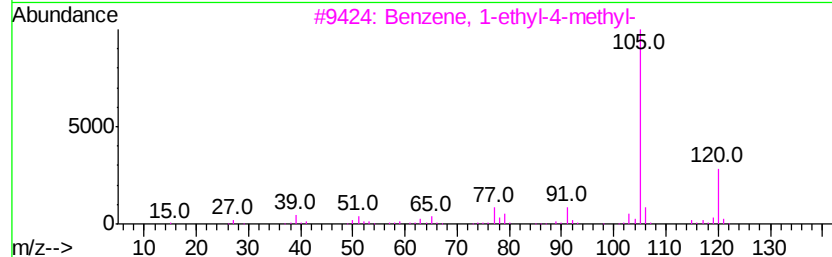
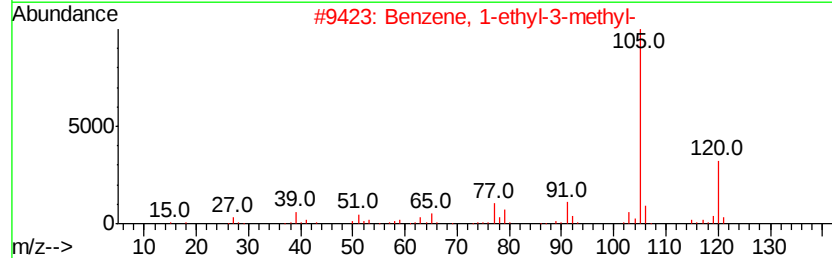
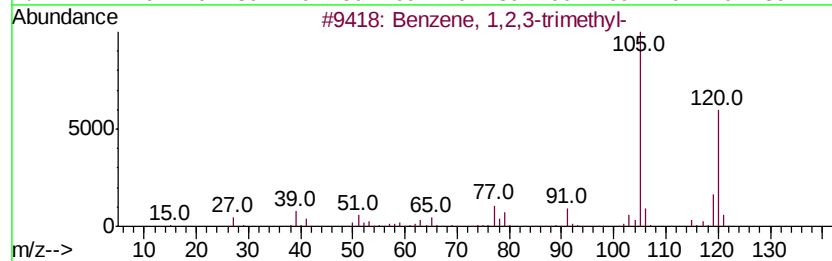
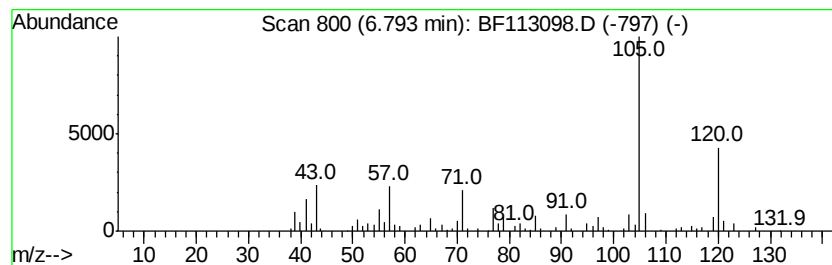
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.82 ng	129118	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5		Mesitylene	120	C9H12	000108-67-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

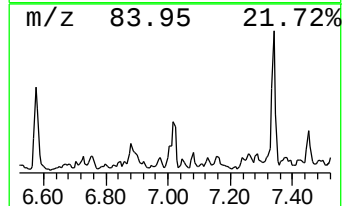
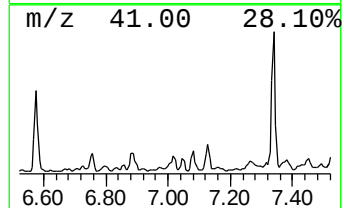
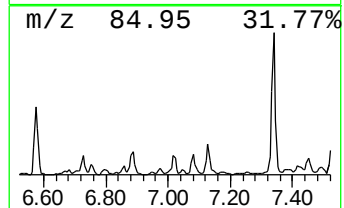
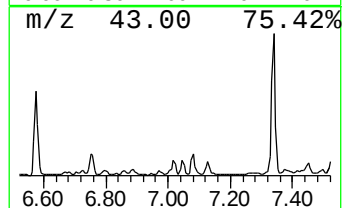
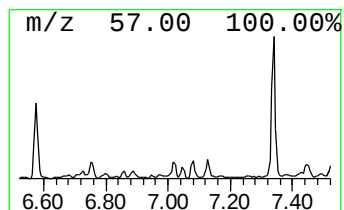
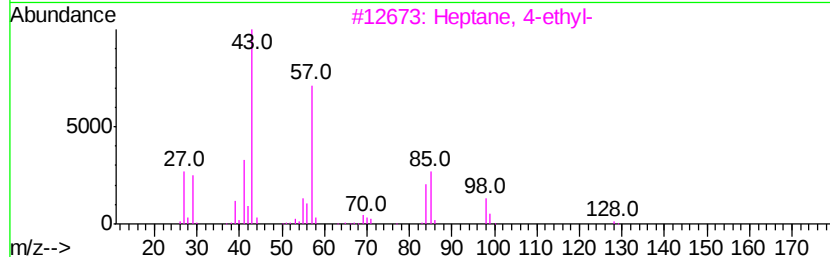
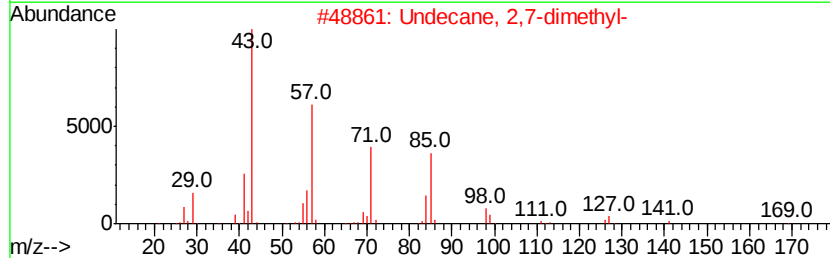
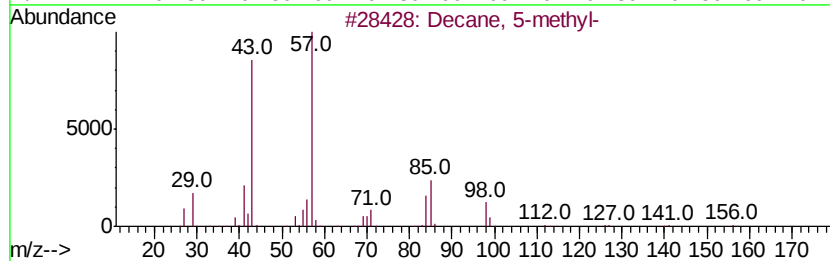
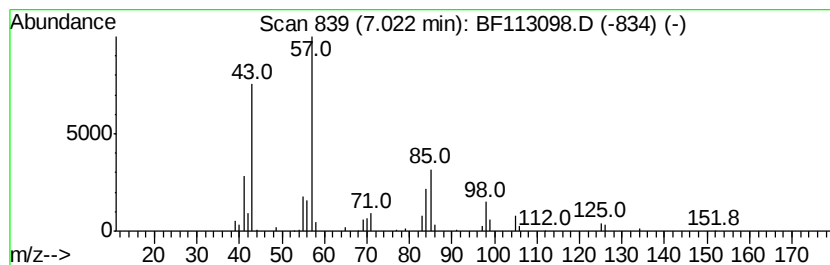
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	3.94 ng	180437	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	47
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	43
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	35
5		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

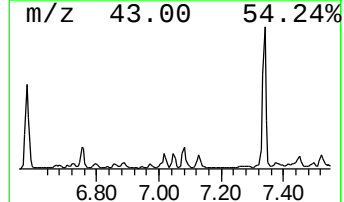
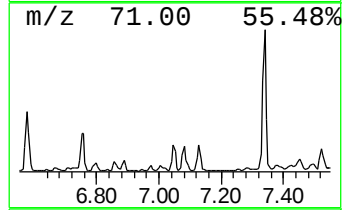
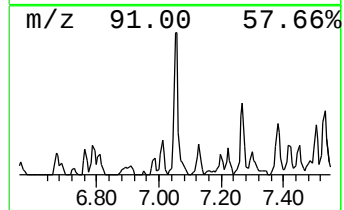
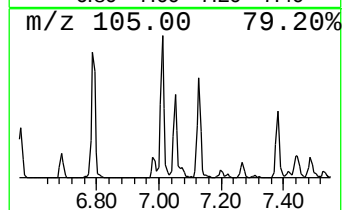
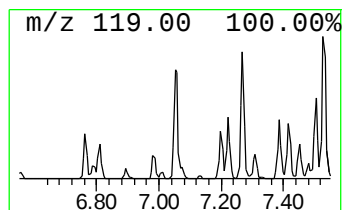
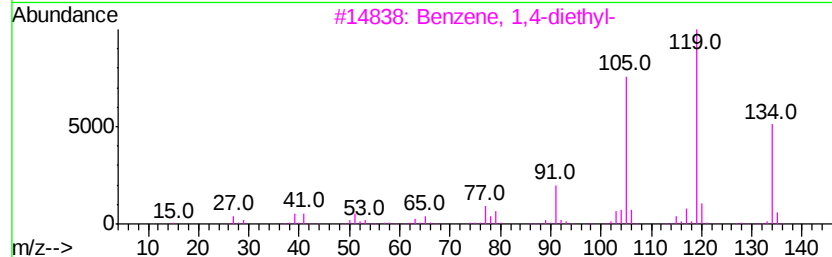
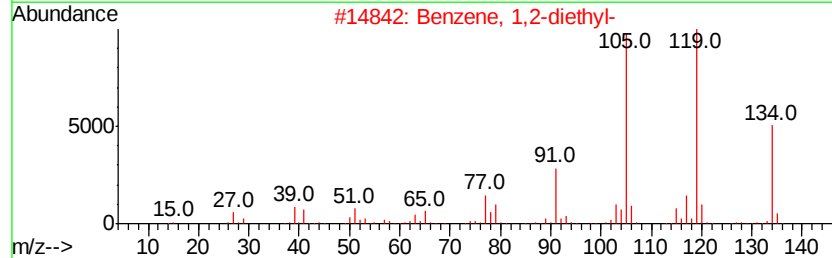
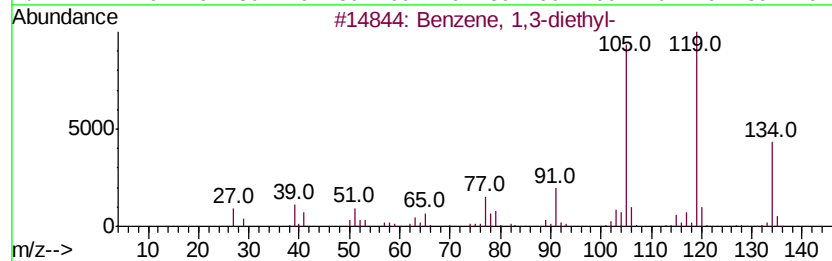
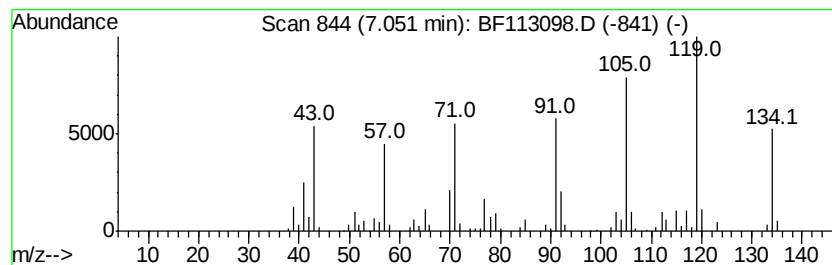
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	3.60 ng	164731	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

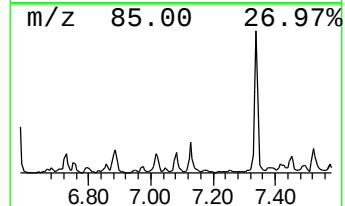
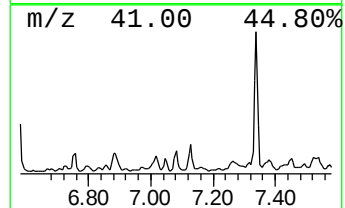
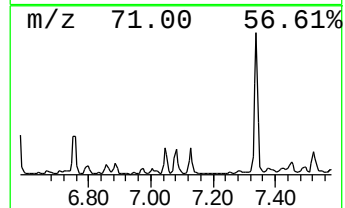
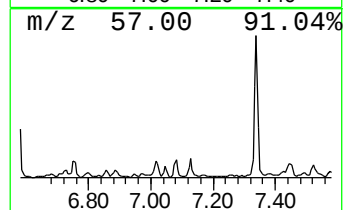
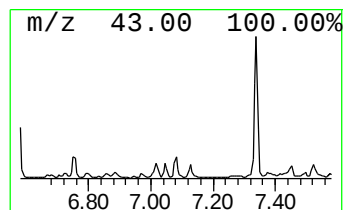
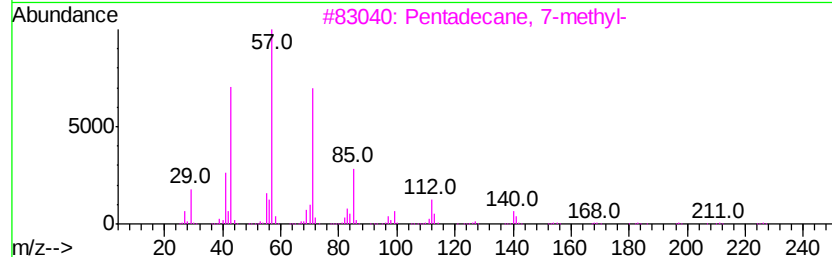
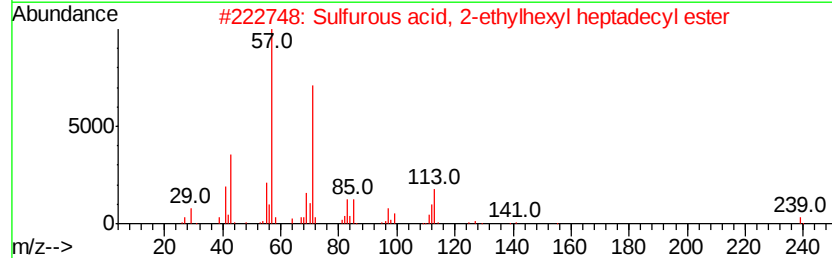
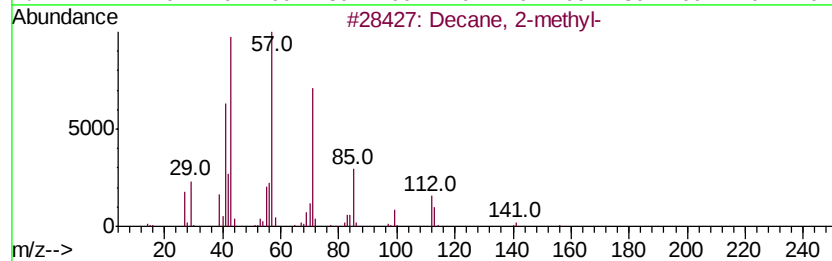
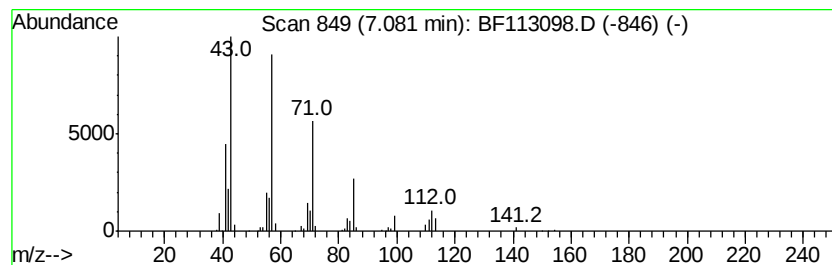
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	3.00 ng	137547	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Octacosane	394	C28H58	000630-02-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

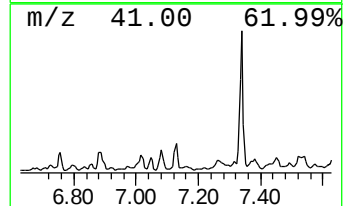
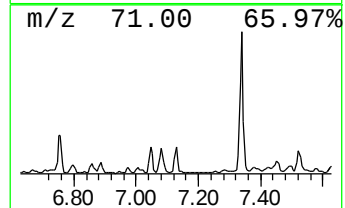
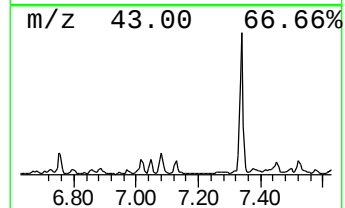
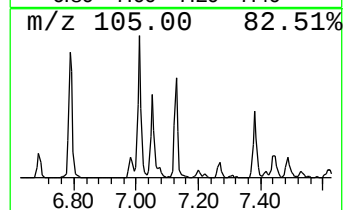
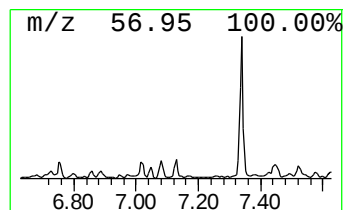
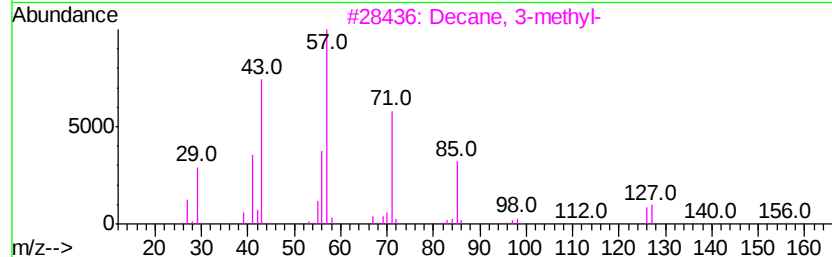
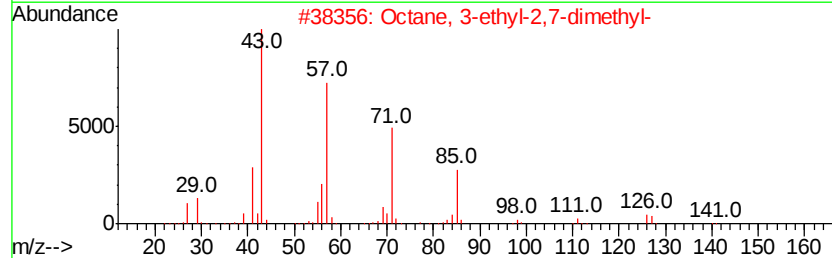
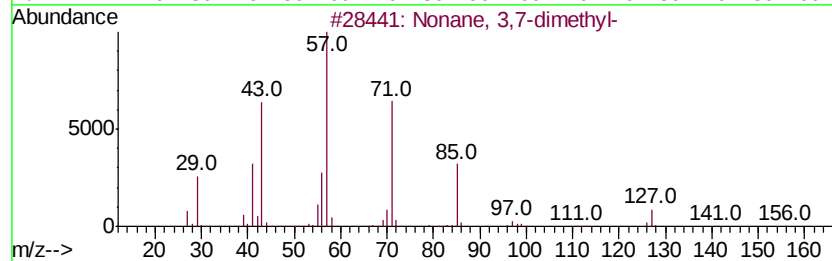
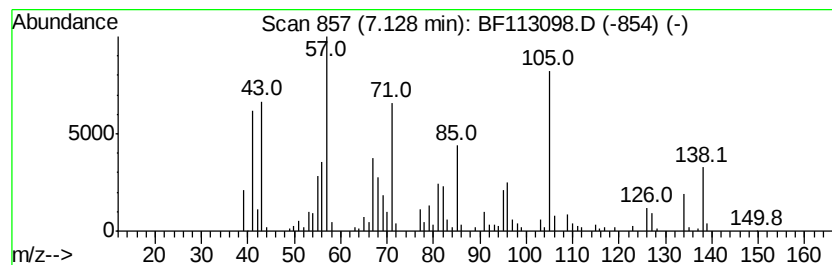
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.13 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	5.00 ng	228894	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35
3			Decane, 3-methyl-	156	C11H24	013151-34-3	35
4			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35
5			2-Bromononane	206	C9H19Br	002216-35-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

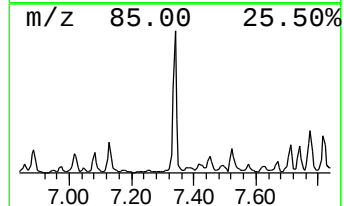
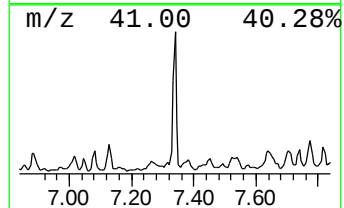
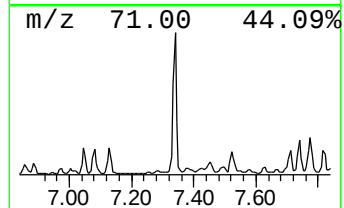
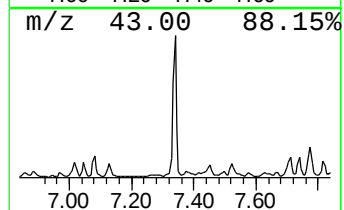
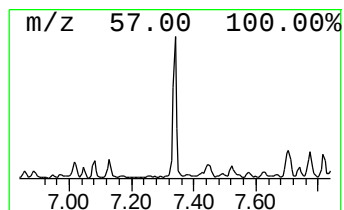
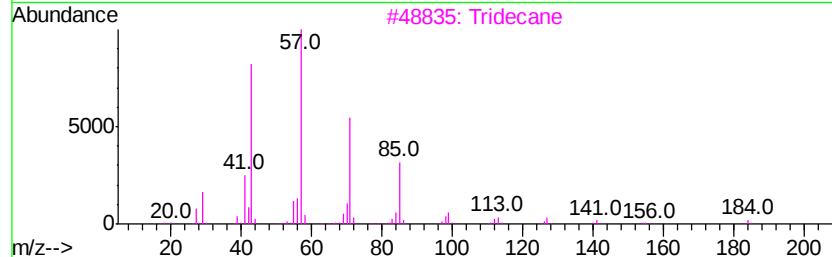
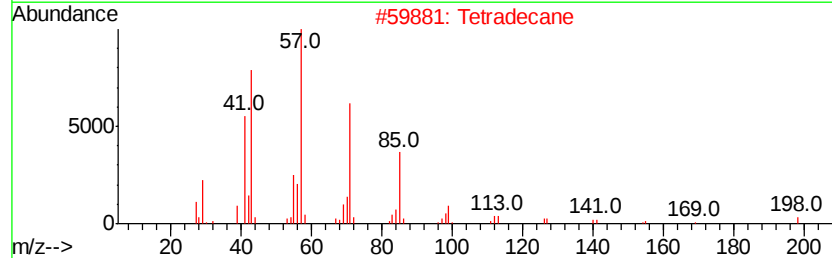
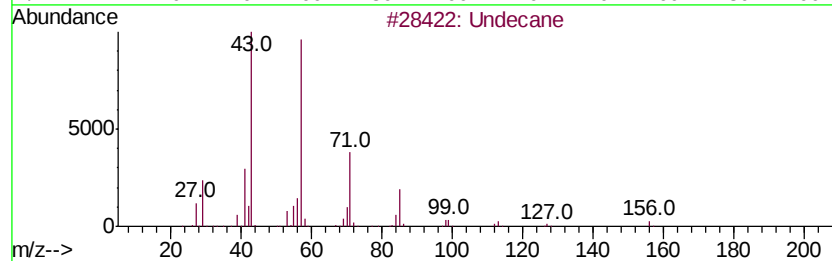
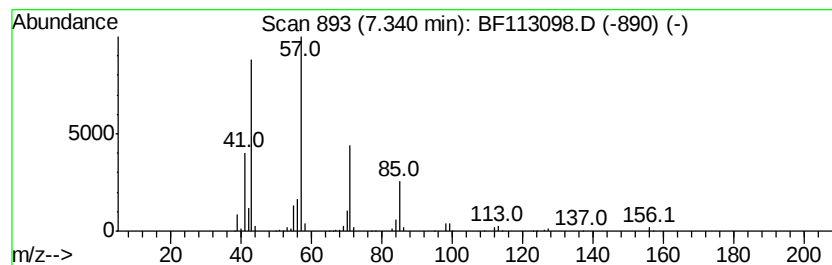
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	16.87 ng	772751	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Decane		142	C10H22	000124-18-5	83
5	Decane, 2-methyl-		156	C11H24	006975-98-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

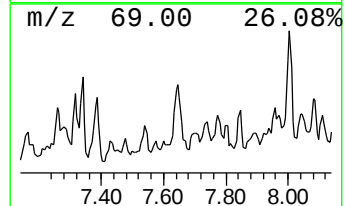
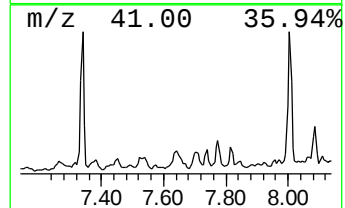
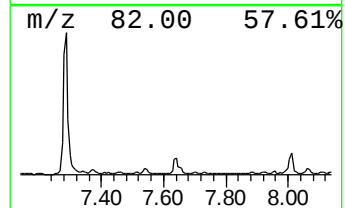
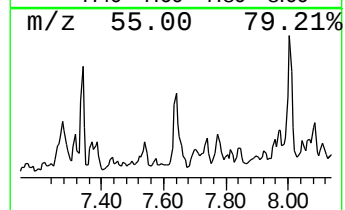
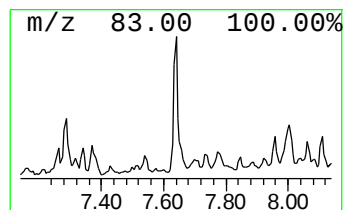
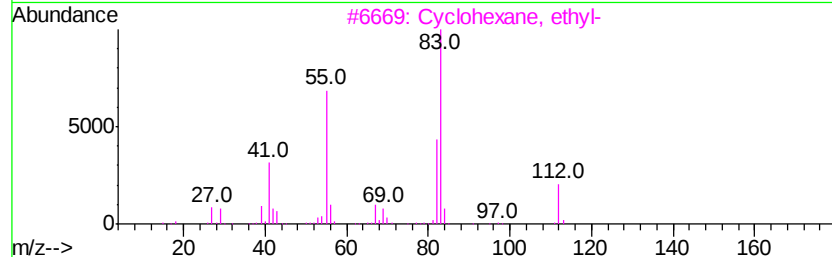
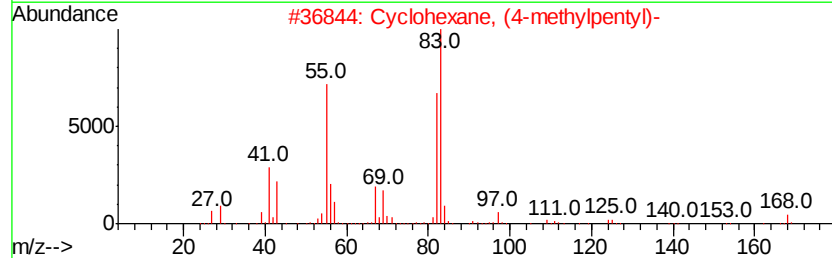
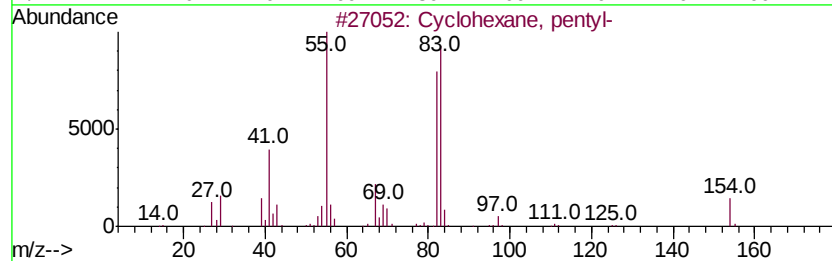
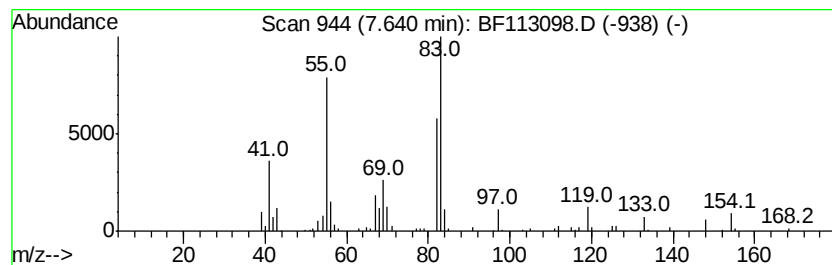
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.08 ng	338580	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

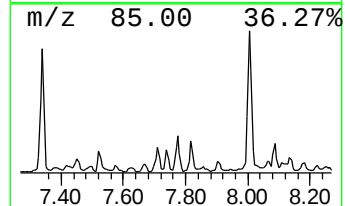
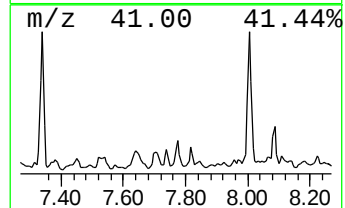
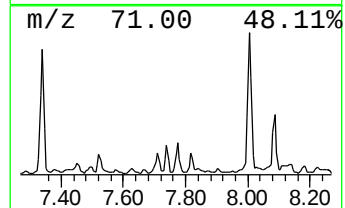
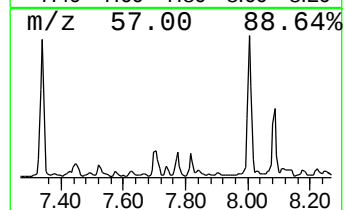
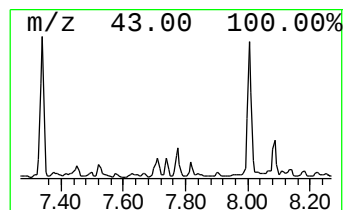
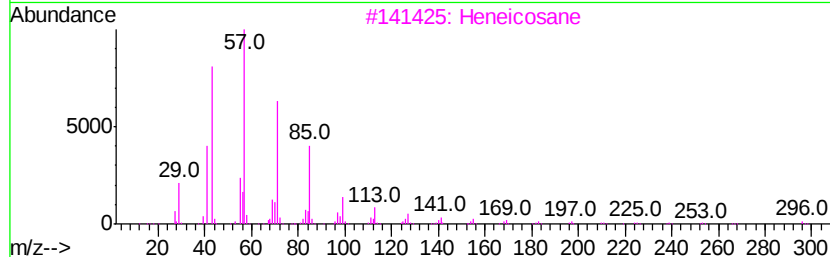
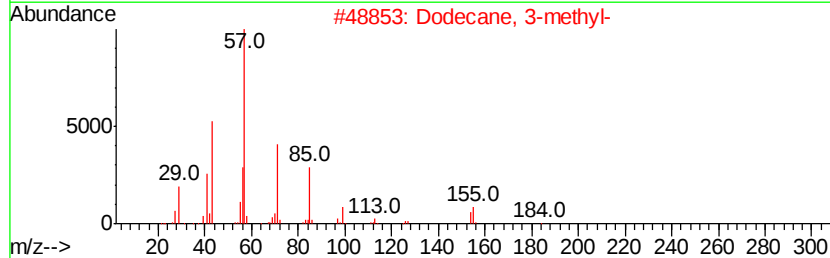
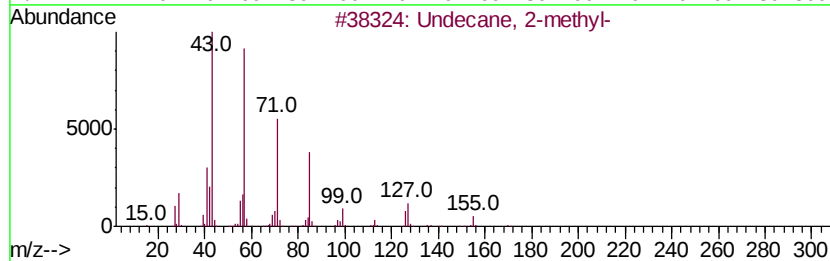
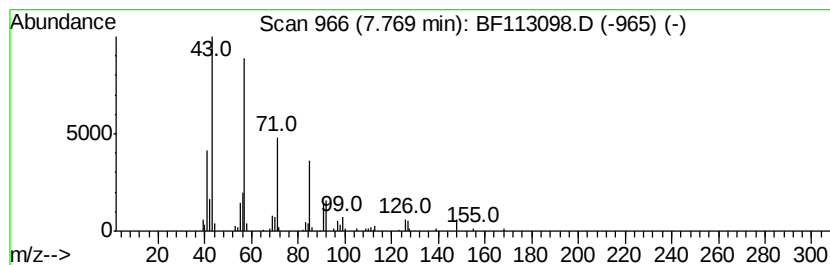
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.60 ng	285682	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Heneicosane	296	C21H44	000629-94-7	53
4		Tetracosane	338	C24H50	000646-31-1	53
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

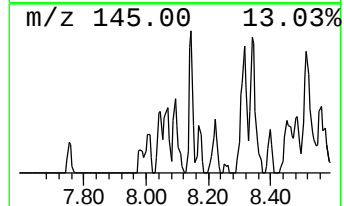
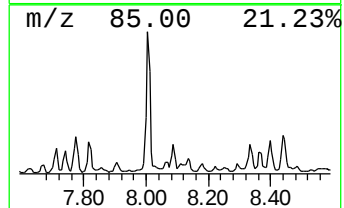
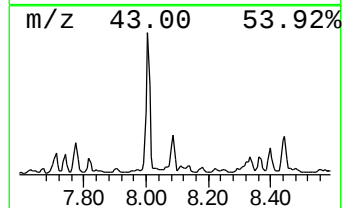
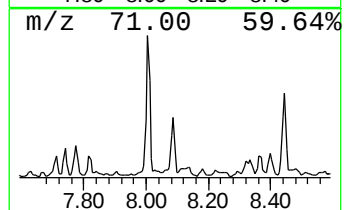
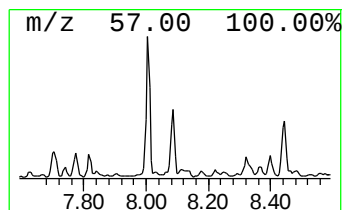
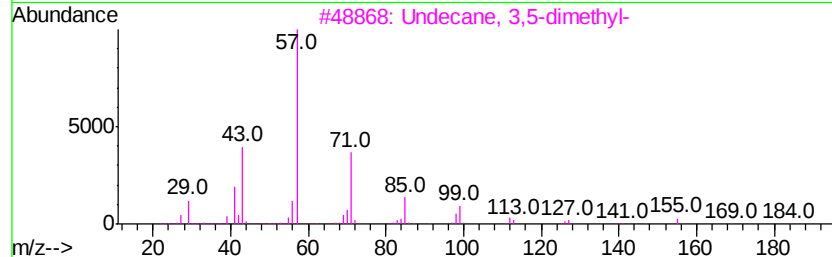
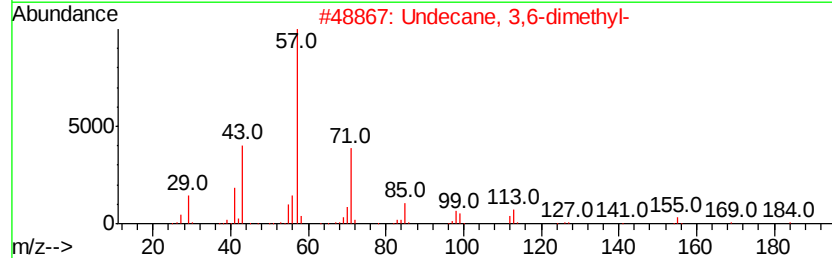
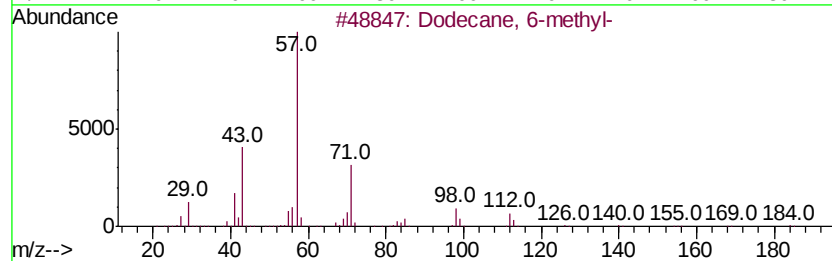
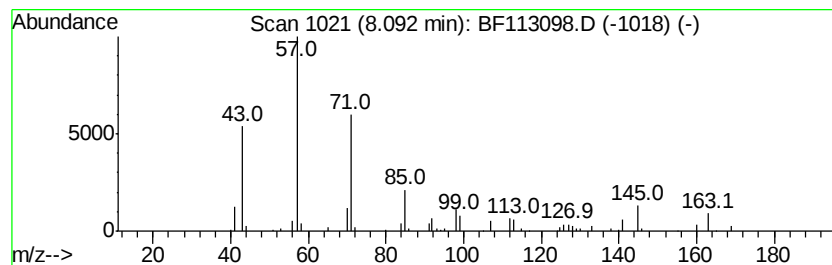
Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

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

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

Peak Number 12 Dodecane, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.09	2.68 ng	294813	Napthalene-d8	8.01	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184 C13H28	006044-71-9	91	
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	87	
3	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	83	
4	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	78	
5	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	62	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

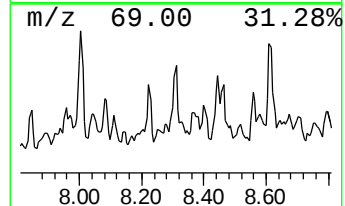
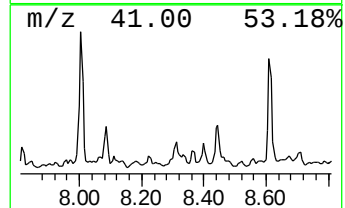
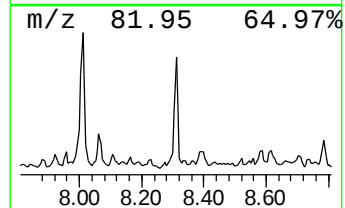
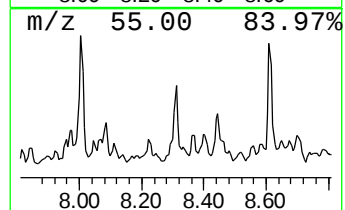
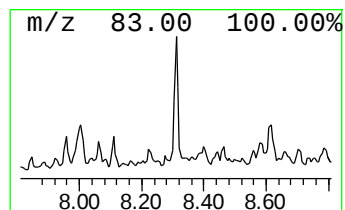
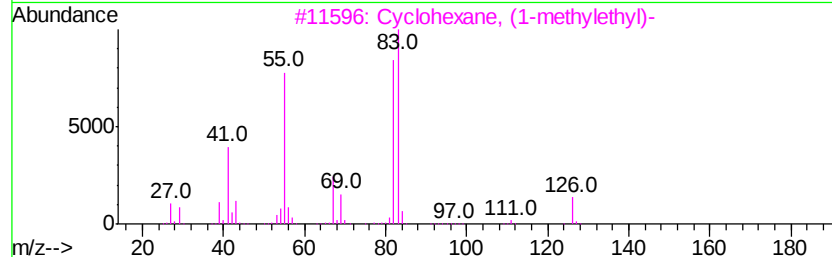
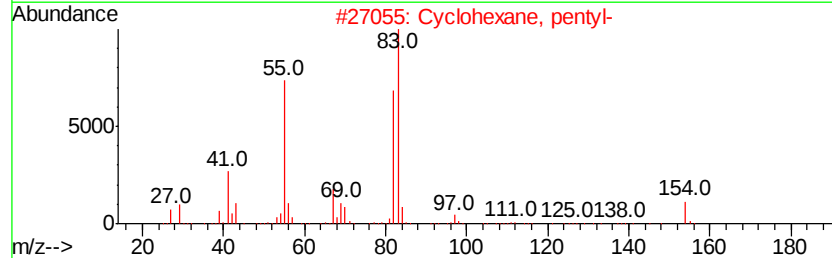
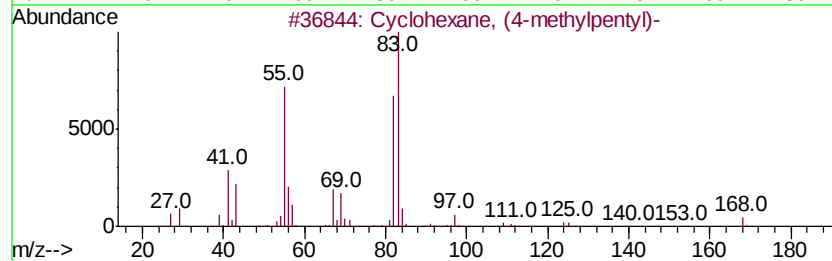
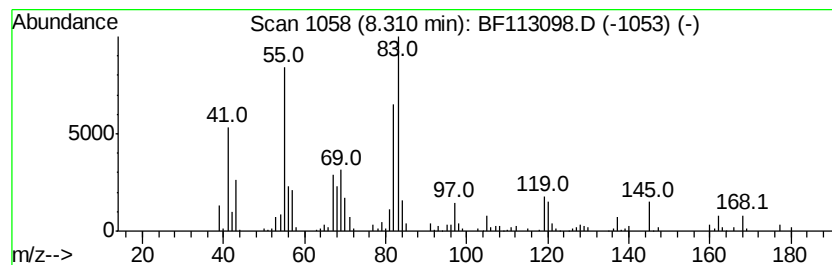
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.12 ng	342868	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, (1-methyllethyl)-	126	C9H18	000696-29-7	50
4		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	50
5		3-Undecene, 3-methyl-	168	C12H24	023381-94-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

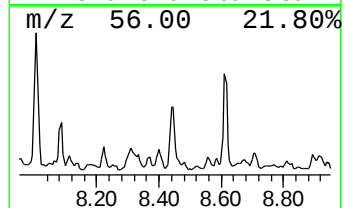
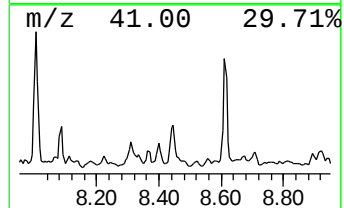
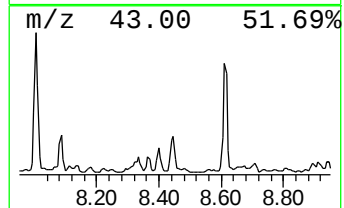
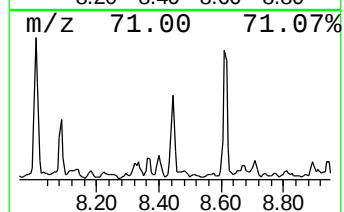
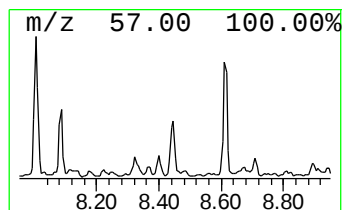
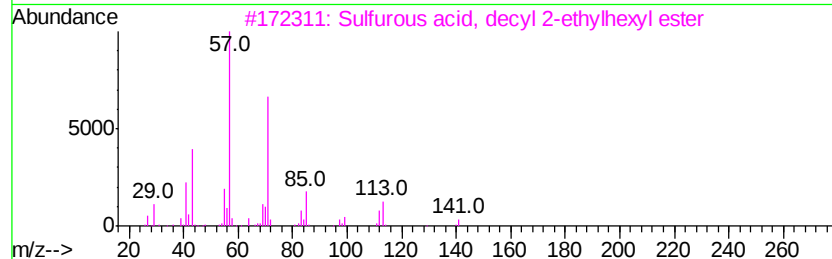
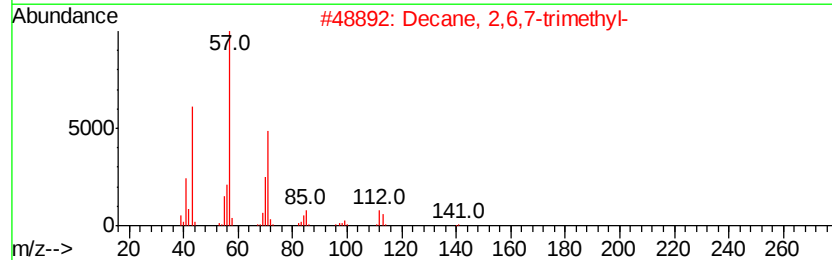
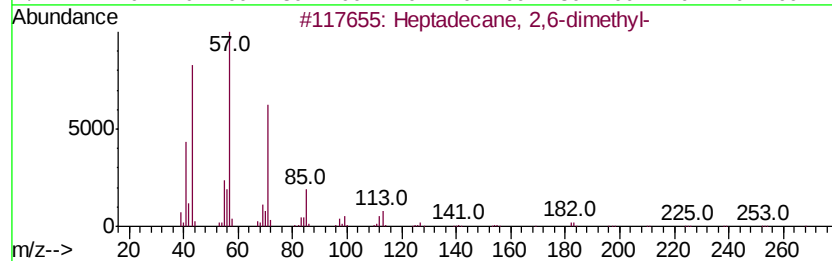
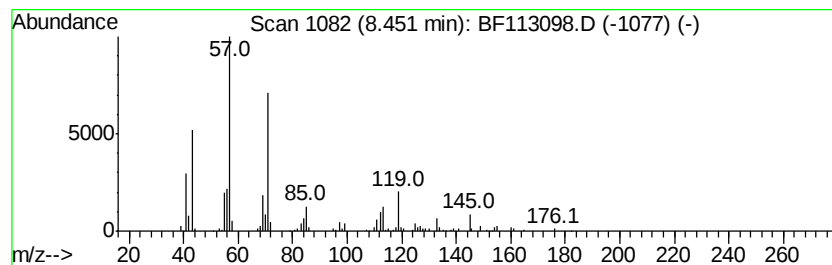
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.04 ng	444054	Naphthalene-d8	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
4			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

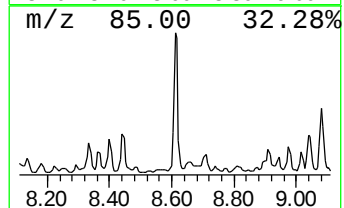
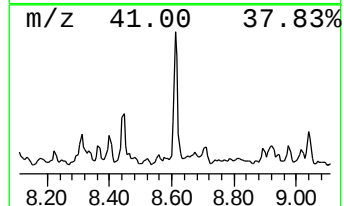
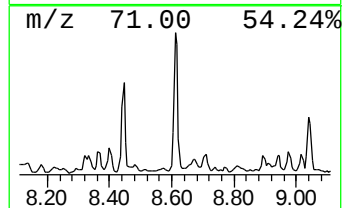
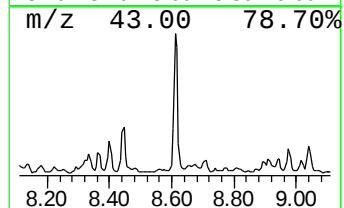
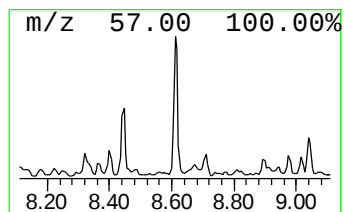
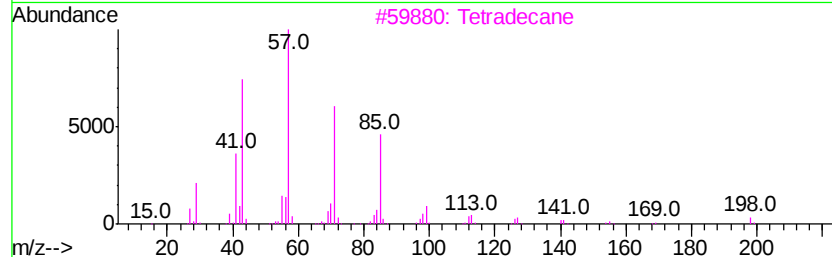
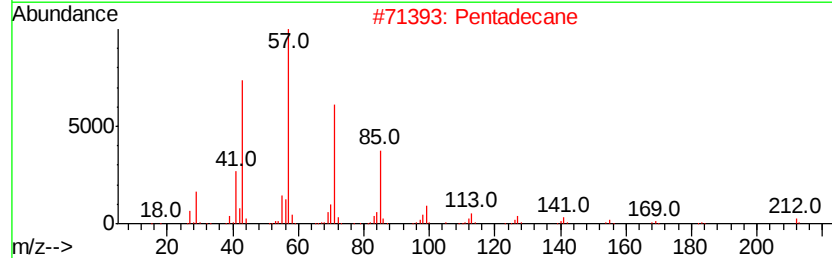
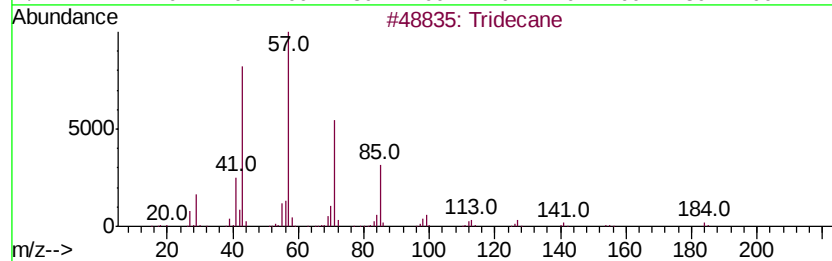
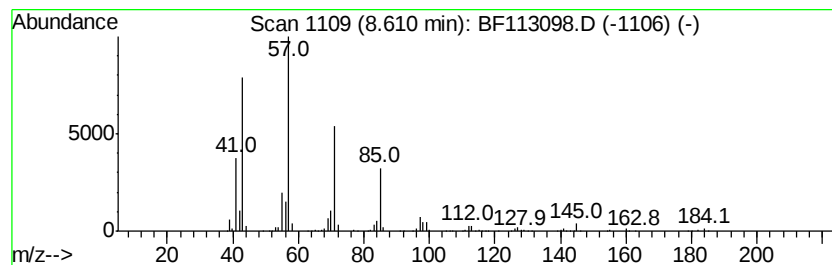
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	8.04 ng	883835	Napthalene-d8	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Pentadecane	212	C15H32	000629-62-9	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

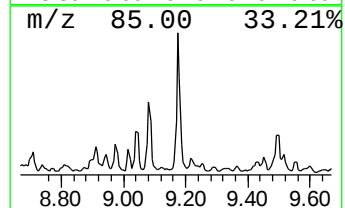
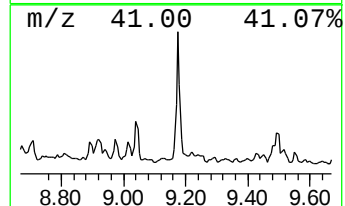
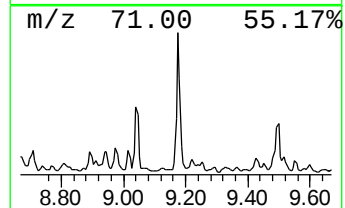
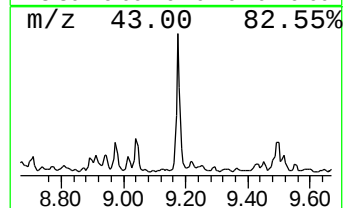
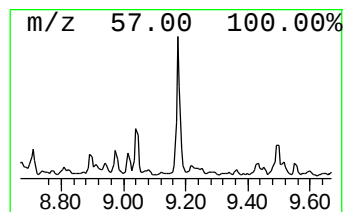
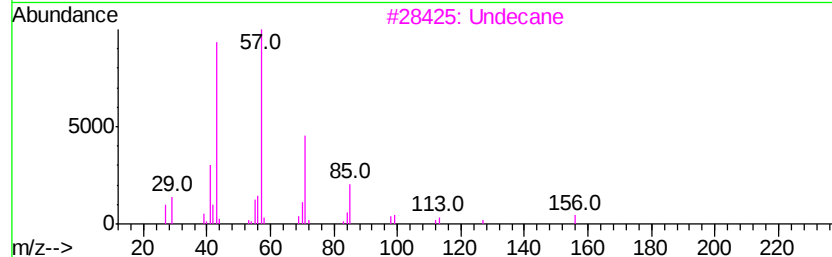
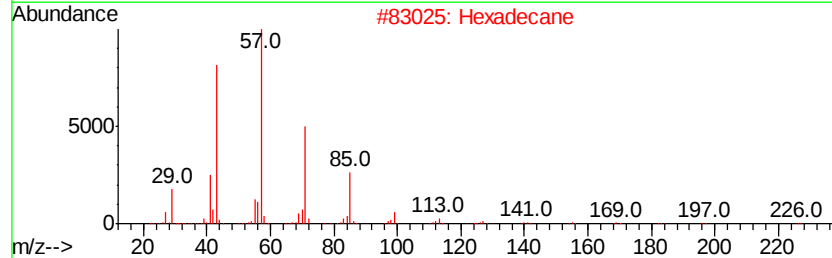
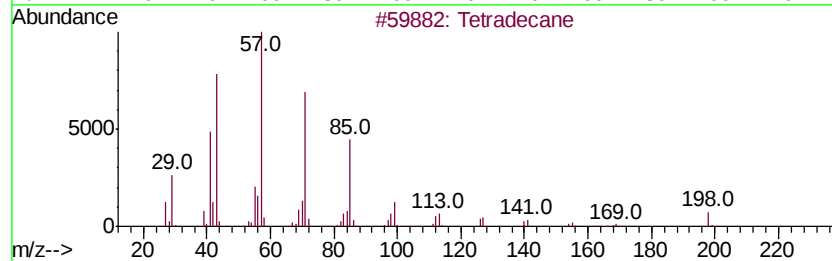
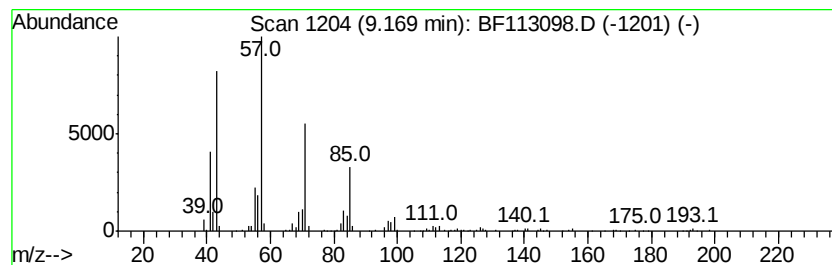
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	8.76 ng	640236	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane	156	C11H24	001120-21-4	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

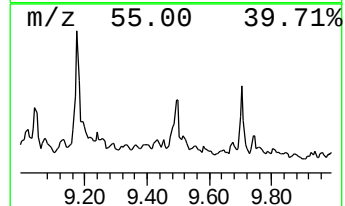
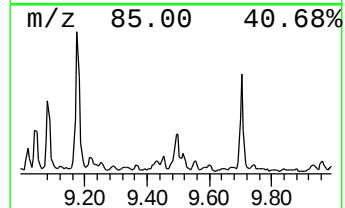
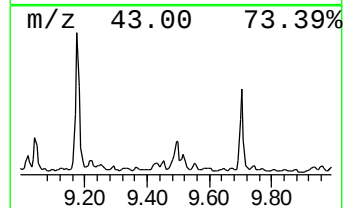
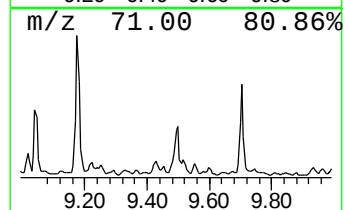
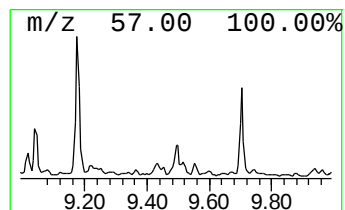
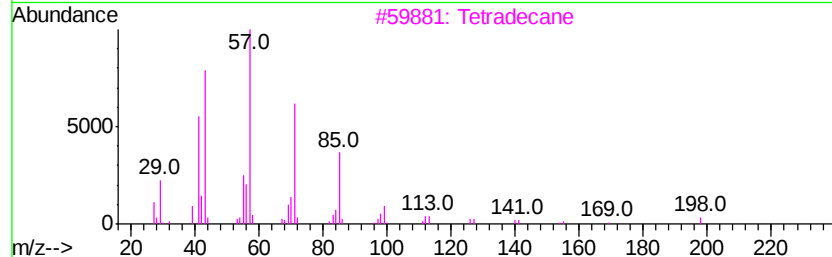
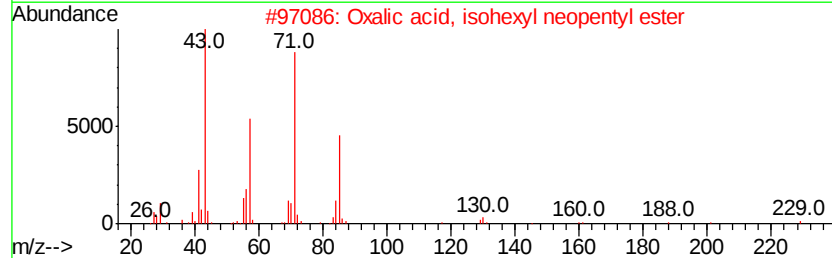
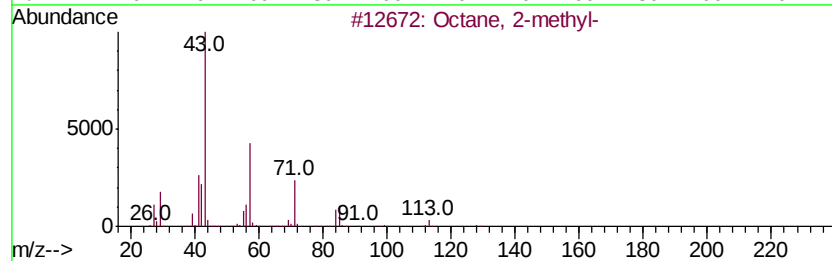
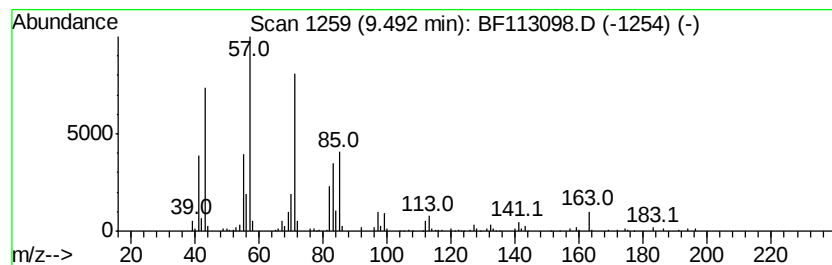
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.60 ng	336006	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	58
2			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
3			Tetradecane	198	C14H30	000629-59-4	53
4			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	50
5			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

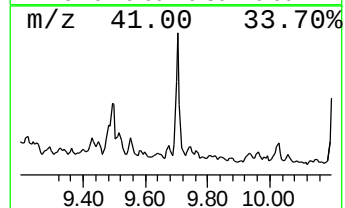
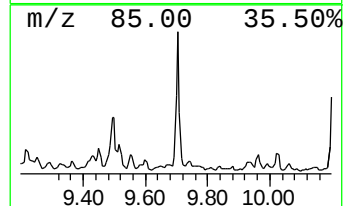
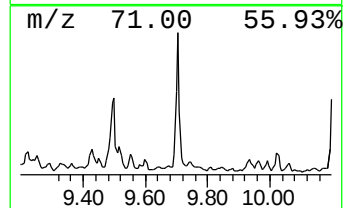
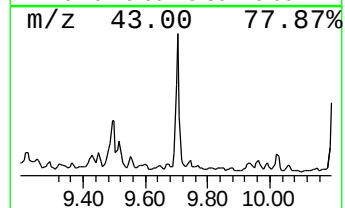
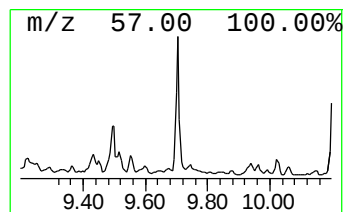
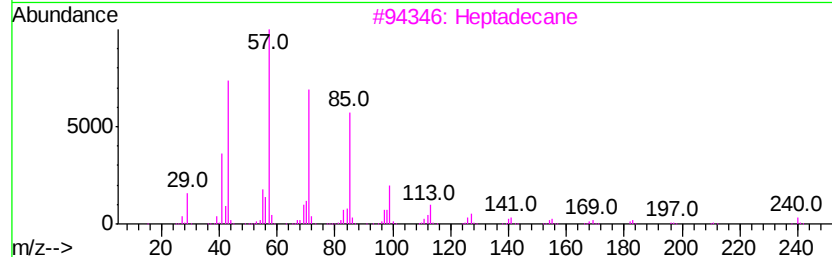
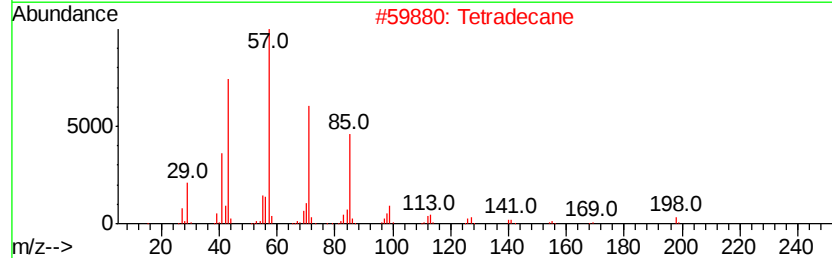
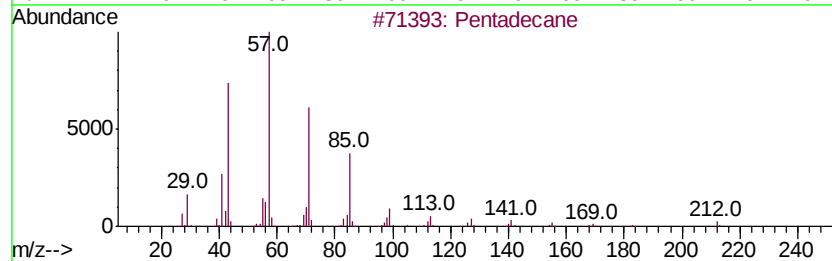
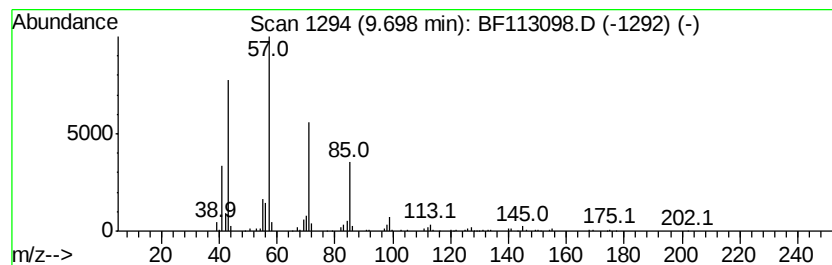
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.71 ng	344191	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Heptadecane	240	C17H36	000629-78-7	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

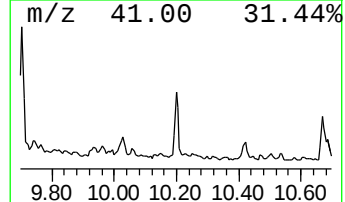
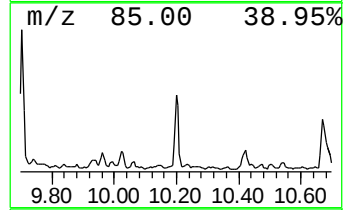
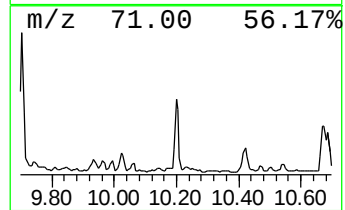
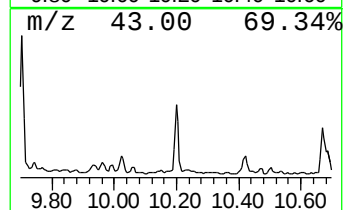
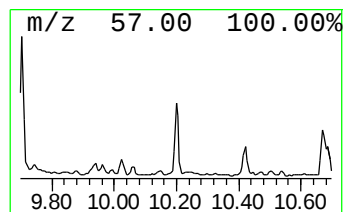
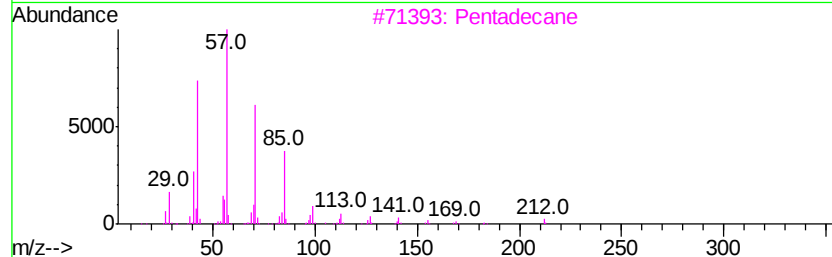
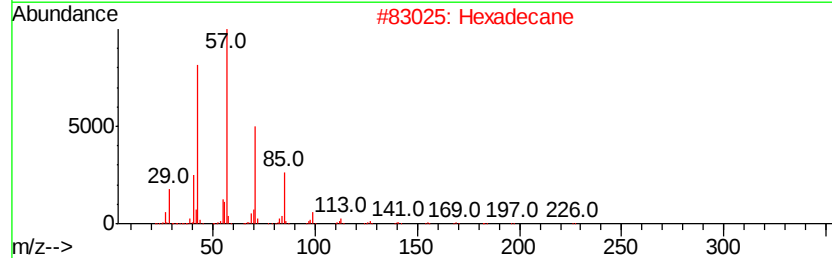
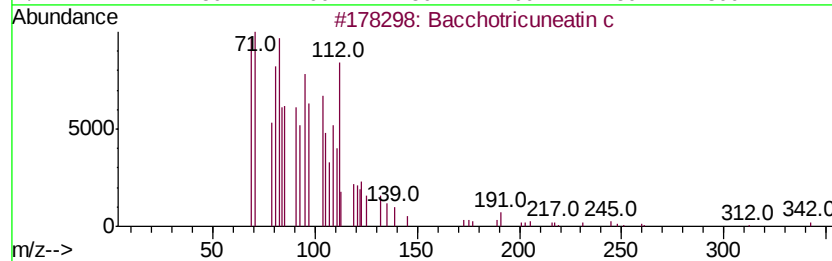
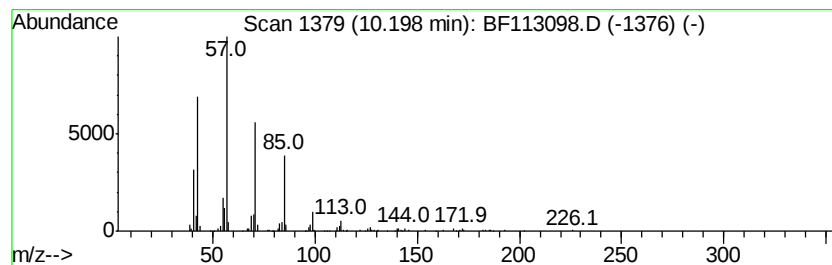
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.64 ng	193016	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113098.D
Acq On : 18 Mar 2019 18:49
Operator : JU/SJ
Sample : K1687-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-A

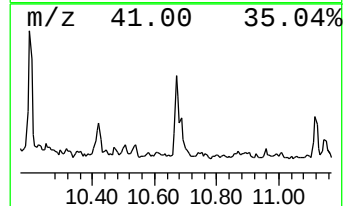
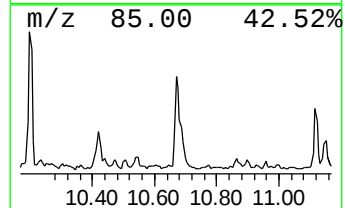
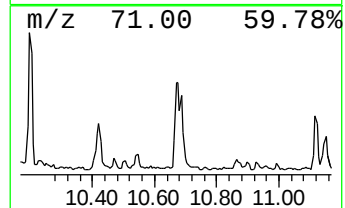
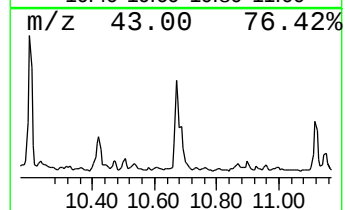
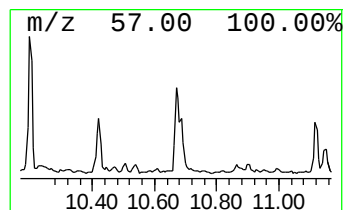
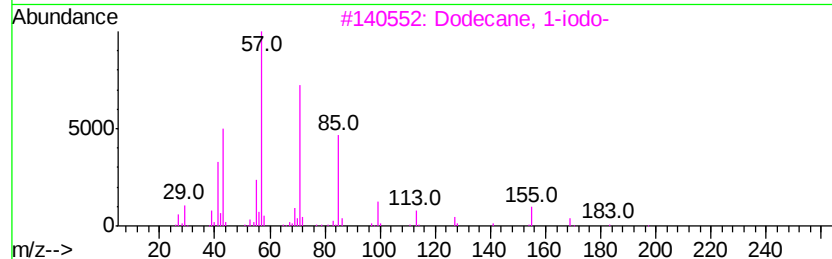
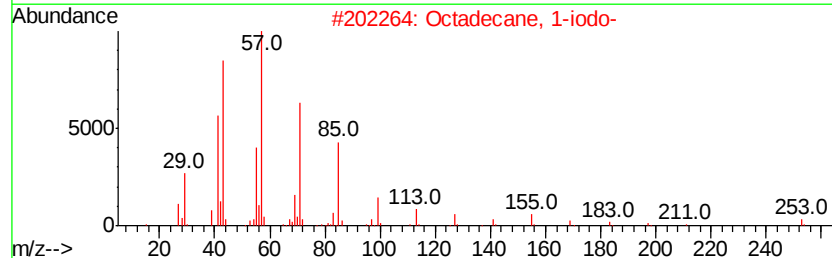
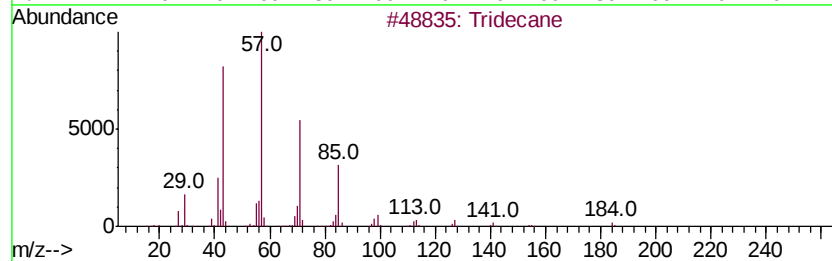
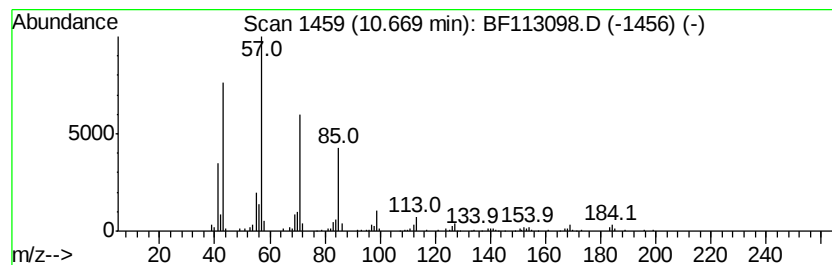
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.44 ng	226884	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113098.D
 Acq On : 18 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1687-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	18.5	ng	848016	1	6.73	916007	20.0
Decane	6.57	10.0	ng	459315	1	6.73	916007	20.0
Benzene, 1,2,3-tr...	6.79	2.8	ng	129118	1	6.73	916007	20.0
unknown7.02	7.02	3.9	ng	180437	1	6.73	916007	20.0
Benzene, 1,3-diet...	7.05	3.6	ng	164731	1	6.73	916007	20.0
Decane, 2-methyl-	7.08	3.0	ng	137547	1	6.73	916007	20.0
unknown7.13	7.13	5.0	ng	228894	1	6.73	916007	20.0
Undecane	7.34	16.9	ng	772751	1	6.73	916007	20.0
Cyclohexane, pentyl-	7.64	3.1	ng	338580	2	8.01	2199860	20.0
Undecane, 2-methyl-	7.77	2.6	ng	285682	2	8.01	2199860	20.0
Dodecane, 6-methyl-	8.09	2.7	ng	294813	2	8.01	2199860	20.0
Cyclohexane, (4-m...	8.31	3.1	ng	342868	2	8.01	2199860	20.0
Heptadecane, 2,6-...	8.45	4.0	ng	444054	2	8.01	2199860	20.0
Tridecane	8.61	8.0	ng	883835	2	8.01	2199860	20.0
Tetradecane	9.17	8.8	ng	640236	3	9.76	1462000	20.0
Octane, 2-methyl-	9.49	4.6	ng	336006	3	9.76	1462000	20.0
Pentadecane	9.70	4.7	ng	344191	3	9.76	1462000	20.0
Bacchotricuneatin c	10.20	2.6	ng	193016	3	9.76	1462000	20.0
Dodecane, 1-iodo-	10.67	3.4	ng	226884	4	11.24	1320650	20.0