

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106934.D
 Acq On : 28 Jun 2018 21:23
 Operator : JU/SJ
 Sample : J3242-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

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-BF061918.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	5.178	480	483	494	rBB	83691	85431	4.35%	0.370%
2	5.589	549	553	566	rBV	738514	709756	36.11%	3.073%
3	6.589	719	723	735	rBV	804079	726730	36.98%	3.146%
4	6.725	743	746	750	rBV	869587	746085	37.96%	3.230%
5	6.954	781	785	788	rVB	441462	387710	19.73%	1.678%
6	7.107	808	811	814	rBV	712539	569490	28.98%	2.465%
7	7.213	824	829	832	rBV2	31903	31953	1.63%	0.138%
8	7.472	867	873	877	rBV5	26359	45920	2.34%	0.199%
9	7.513	877	880	887	rVV	502007	453484	23.07%	1.963%
10	7.672	904	907	911	rBV5	14612	26207	1.33%	0.113%
11	7.754	919	921	926	rVB3	33524	36832	1.87%	0.159%
12	7.813	926	931	937	rBV7	28529	62269	3.17%	0.270%
13	7.866	937	940	942	rBV2	50170	45069	2.29%	0.195%
14	7.983	955	960	962	rBV3	23057	32815	1.67%	0.142%
15	8.042	966	970	975	rVV5	19582	35374	1.80%	0.153%
16	8.095	975	979	982	rBV3	74381	72303	3.68%	0.313%
17	8.130	982	985	989	rVV4	32001	44598	2.27%	0.193%
18	8.207	995	998	1000	rBV3	35325	41443	2.11%	0.179%
19	8.236	1000	1003	1006	rVV	519509	466075	23.71%	2.018%
20	8.278	1008	1010	1013	rVB	227264	161624	8.22%	0.700%
21	8.313	1013	1016	1021	rVB6	63673	103665	5.27%	0.449%
22	8.372	1021	1026	1028	rBV3	47245	70961	3.61%	0.307%
23	8.401	1029	1031	1033	rBV2	40113	39373	2.00%	0.170%
24	8.430	1033	1036	1039	rVB2	63331	57306	2.92%	0.248%
25	8.513	1047	1050	1051	rBV3	59253	64091	3.26%	0.277%
26	8.566	1055	1059	1063	rBV5	57279	115969	5.90%	0.502%
27	8.613	1063	1067	1069	rBV3	38934	57800	2.94%	0.250%
28	8.636	1069	1071	1074	rBV	458028	355719	18.10%	1.540%
29	8.666	1074	1076	1079	rBV2	96652	87435	4.45%	0.379%
30	8.730	1085	1087	1090	rBV	103994	92609	4.71%	0.401%
31	8.766	1090	1093	1095	rBV	141796	125971	6.41%	0.545%
32	8.789	1095	1097	1099	rBV2	34380	35462	1.80%	0.154%
33	8.848	1104	1107	1109	rBV3	120656	148917	7.58%	0.645%
34	8.877	1110	1112	1114	rVV2	108217	118800	6.04%	0.514%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106934.D
 Acq On : 28 Jun 2018 21:23
 Operator : JU/SJ
 Sample : J3242-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

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-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.901	1114	1116	1120	rVB	147979	181826	9.25%	0.787%
36	8.972	1126	1128	1131	rVB2	123154	96404	4.91%	0.417%
37	9.007	1131	1134	1139	rBV4	108880	192195	9.78%	0.832%
38	9.107	1146	1151	1153	rBV4	139790	193837	9.86%	0.839%
39	9.136	1153	1156	1158	rVB3	93057	112255	5.71%	0.486%
40	9.242	1168	1174	1180	rVB	805728	898846	45.73%	3.891%
41	9.307	1181	1185	1189	rBV	911425	831074	42.29%	3.598%
42	9.383	1194	1198	1201	rVV	698901	690989	35.16%	2.991%
43	9.419	1202	1204	1205	rVV	188215	161537	8.22%	0.699%
44	9.454	1208	1210	1212	rVV2	159181	131573	6.69%	0.570%
45	9.495	1215	1217	1220	rVB3	135431	122921	6.25%	0.532%
46	9.695	1248	1251	1254	rBV2	1474228	1433324	72.93%	6.205%
47	9.724	1254	1256	1258	rVB	102221	61419	3.13%	0.266%
48	9.754	1259	1261	1264	rVB2	145956	112195	5.71%	0.486%
49	9.783	1264	1266	1267	rBV	103289	88397	4.50%	0.383%
50	9.801	1267	1269	1272	rVB2	261345	210416	10.71%	0.911%
51	9.854	1275	1278	1280	rBV3	343764	283648	14.43%	1.228%
52	9.877	1280	1282	1283	rBV2	184628	155520	7.91%	0.673%
53	9.901	1283	1286	1288	rVB	450649	373354	19.00%	1.616%
54	9.948	1291	1294	1296	rBV2	193857	242452	12.34%	1.050%
55	9.972	1296	1298	1300	rVV3	222927	174037	8.86%	0.753%
56	9.995	1300	1302	1304	rVV2	357260	242936	12.36%	1.052%
57	10.166	1329	1331	1334	rBV2	315155	236679	12.04%	1.025%
58	10.230	1340	1342	1346	rVB3	196753	250837	12.76%	1.086%
59	10.307	1353	1355	1357	rBV3	129896	139850	7.12%	0.605%
60	10.401	1368	1371	1373	rVB	253872	228250	11.61%	0.988%
61	10.436	1374	1377	1380	rBV2	252929	300768	15.30%	1.302%
62	10.630	1405	1410	1412	rBV	1120418	1250679	63.64%	5.414%
63	10.789	1434	1437	1440	rBV3	448623	455610	23.18%	1.972%
64	10.901	1451	1456	1458	rBV	1732345	1965345	100.00%	8.508%
65	11.230	1510	1512	1514	rBV2	157796	145404	7.40%	0.629%
66	11.360	1531	1534	1537	rBV	1083484	1074091	54.65%	4.650%
67	11.489	1554	1556	1559	rVB	364992	297587	15.14%	1.288%
68	11.636	1579	1581	1585	rBV4	124844	182209	9.27%	0.789%
69	11.713	1591	1594	1600	rVB	336172	371713	18.91%	1.609%
70	12.707	1761	1763	1766	rVB	194059	173905	8.85%	0.753%
71	12.942	1800	1803	1808	rVB2	211229	245492	12.49%	1.063%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.071	1822	1825	1828	rBV	840295	688346	35.02%	2.980%
73	13.948	1971	1974	1978	rVB4	83491	85522	4.35%	0.370%
74	14.142	2002	2007	2009	rBV2	543444	633462	32.23%	2.742%
75	14.165	2009	2011	2015	rVB	119532	104554	5.32%	0.453%
76	15.218	2186	2190	2193	rBV	139546	200476	10.20%	0.868%
77	15.542	2242	2245	2250	rVB	91220	108021	5.50%	0.468%
78	15.606	2253	2256	2260	rVB	128774	153527	7.81%	0.665%
79	15.677	2263	2268	2272	rBV	342119	452672	23.03%	1.960%
80	17.242	2531	2534	2542	rVB2	49770	108433	5.52%	0.469%

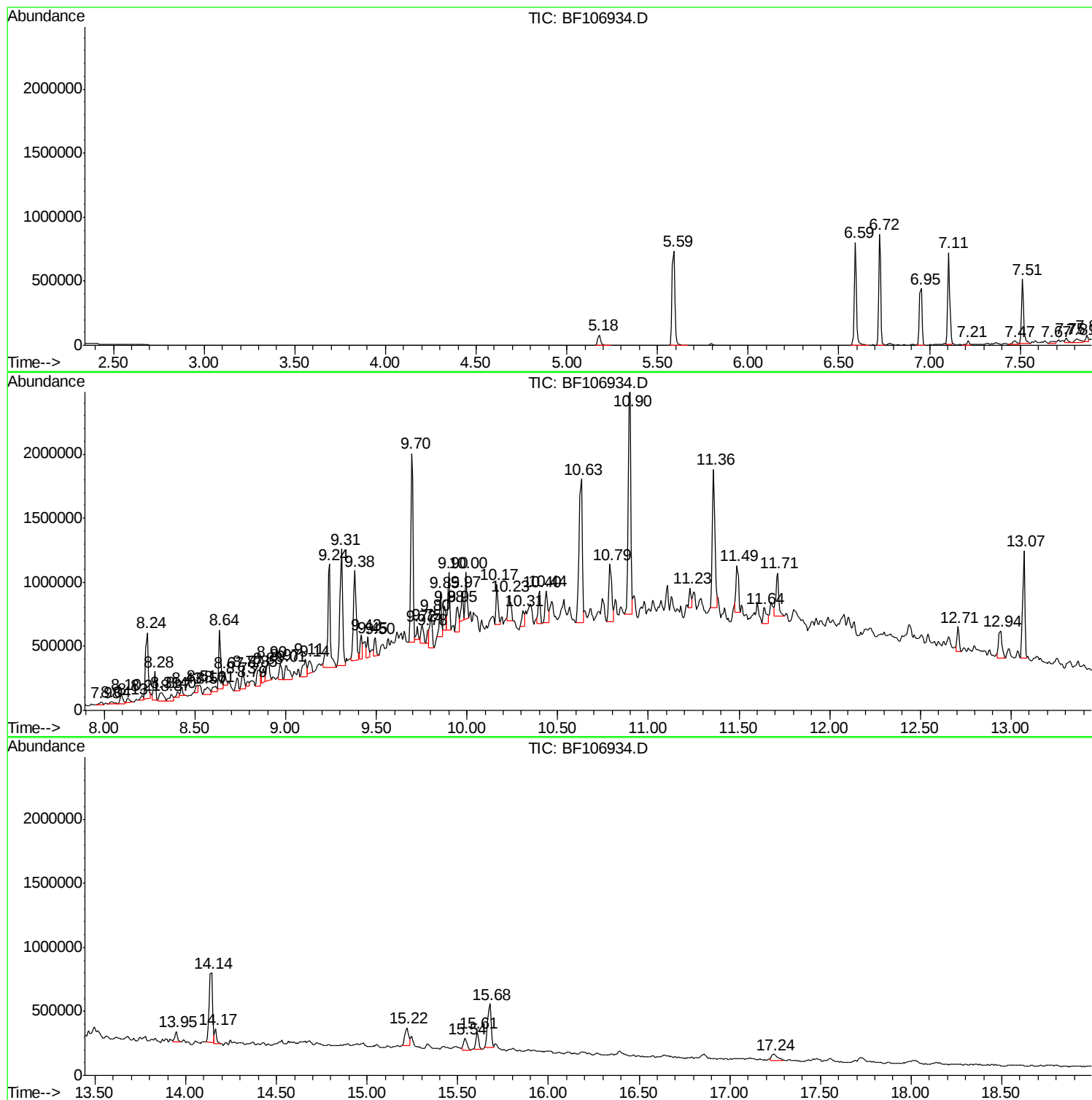
Sum of corrected areas: 23099833

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

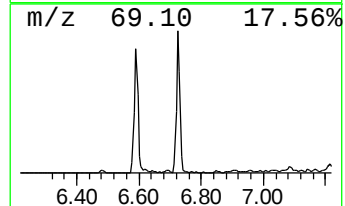
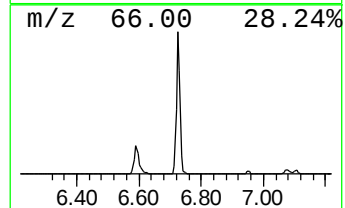
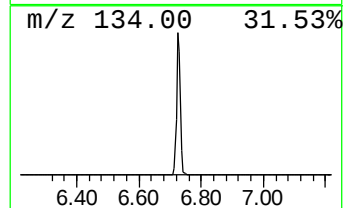
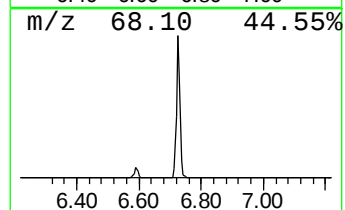
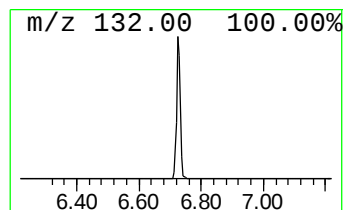
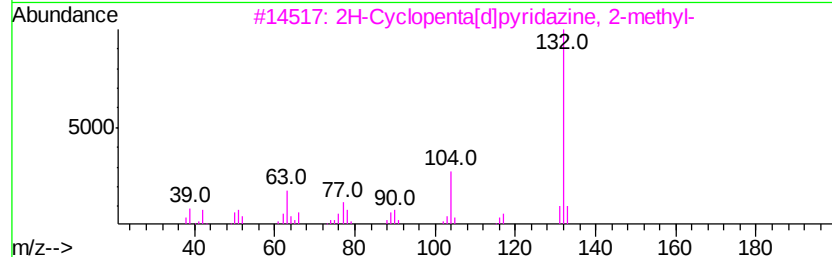
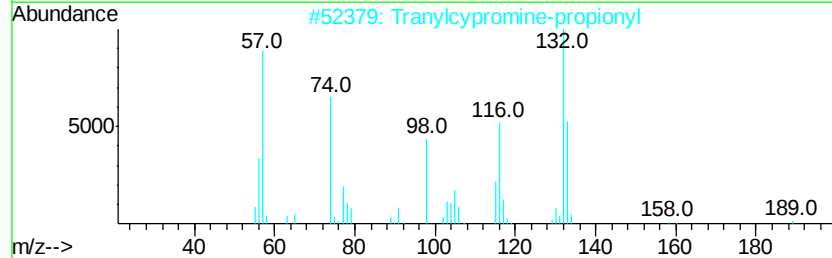
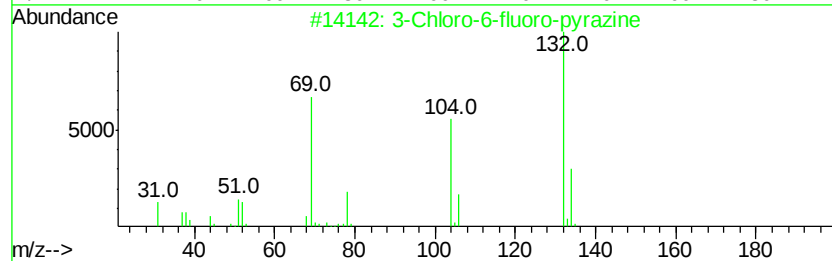
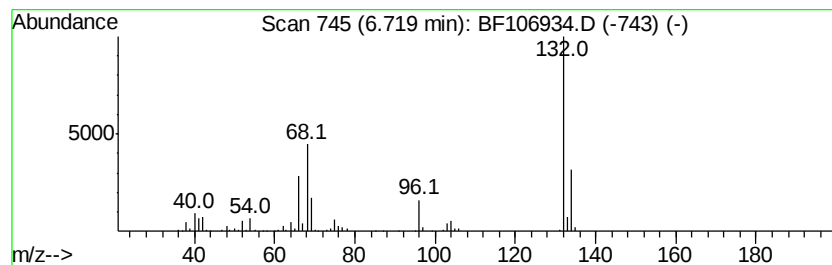
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	38.49 ng	746085	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

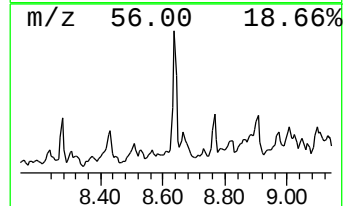
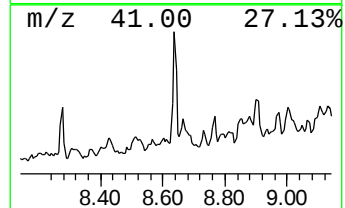
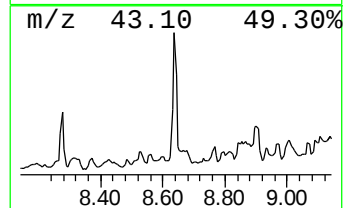
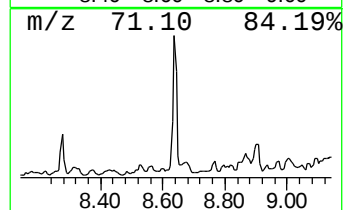
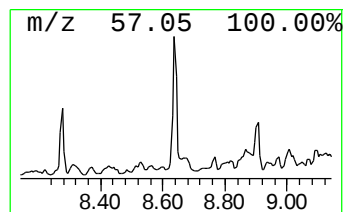
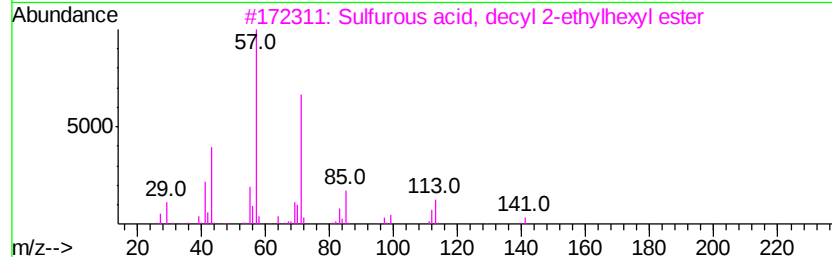
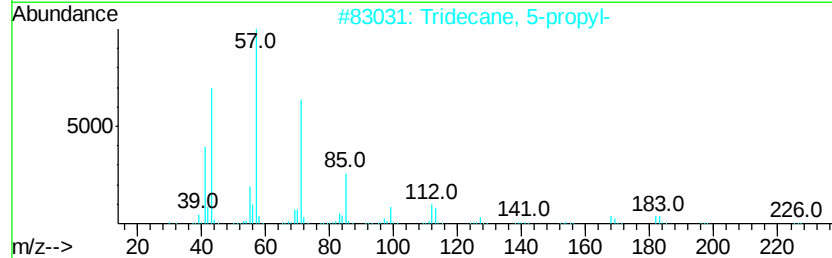
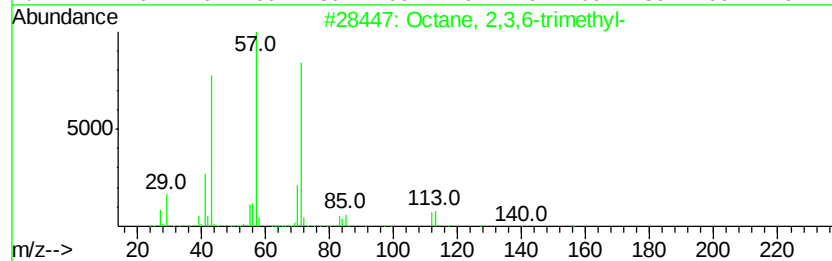
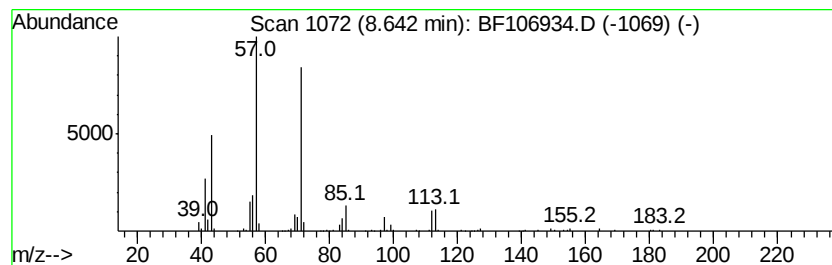
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	15.26 ng	355719	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

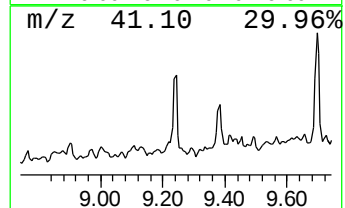
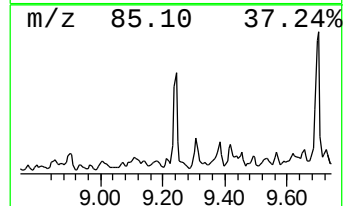
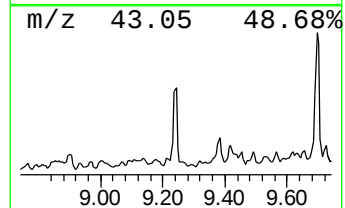
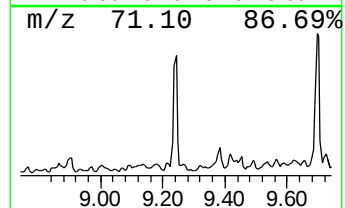
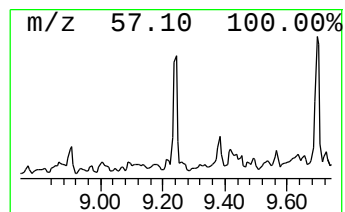
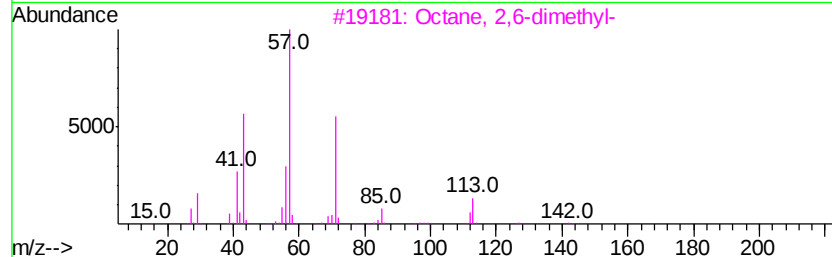
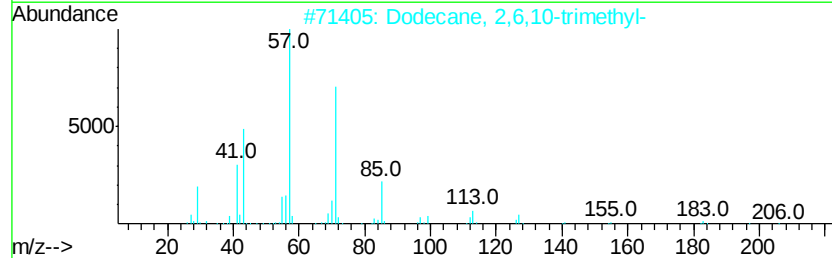
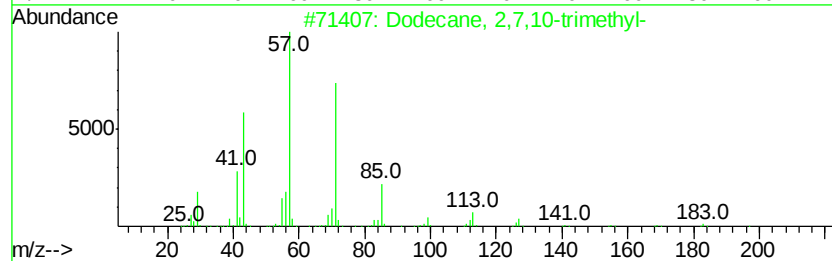
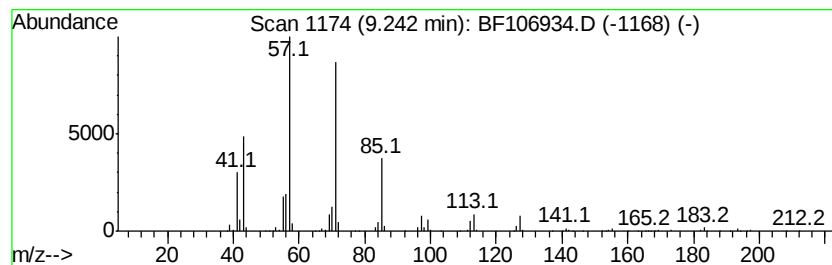
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	74.00 ng	898846	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

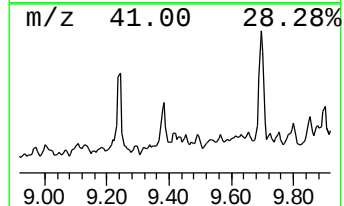
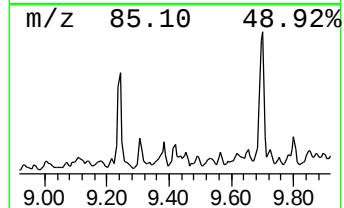
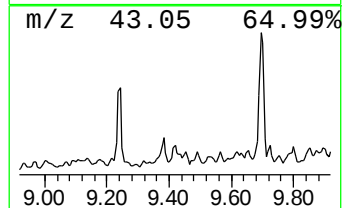
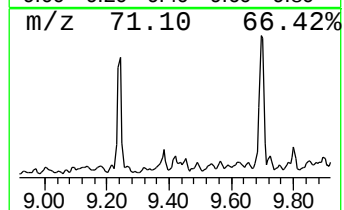
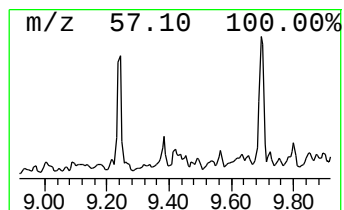
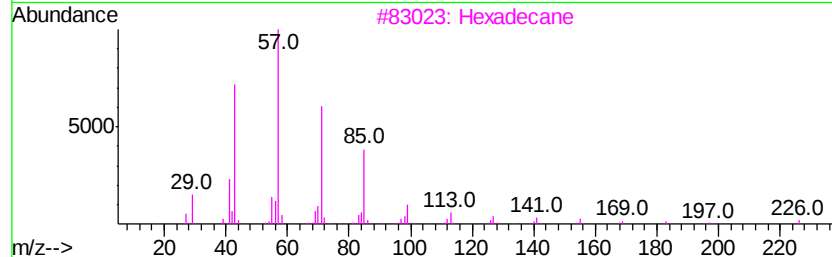
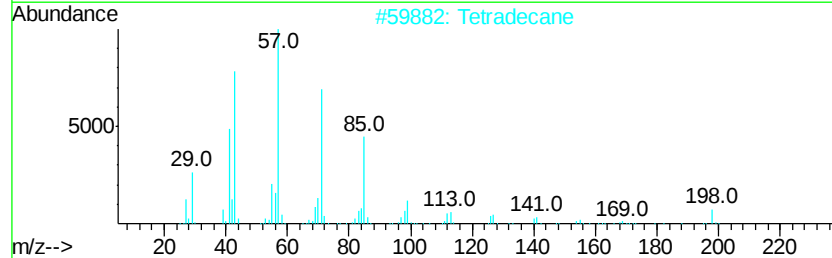
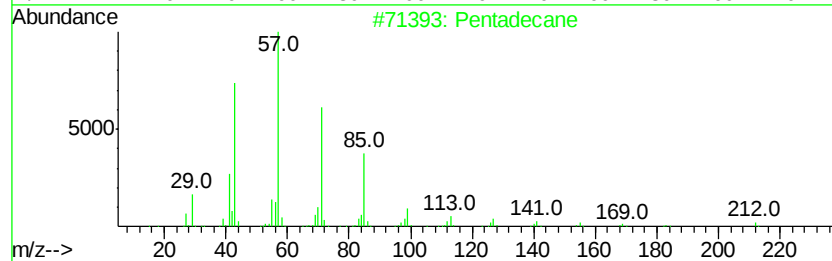
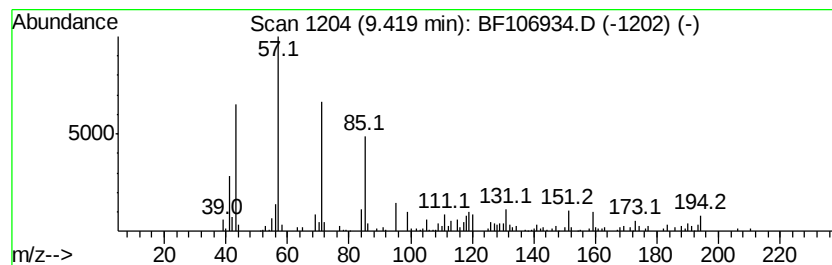
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	13.30 ng	161537	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	52
2	Tetradecane		198	C14H30	000629-59-4	52
3	Hexadecane		226	C16H34	000544-76-3	52
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	50
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

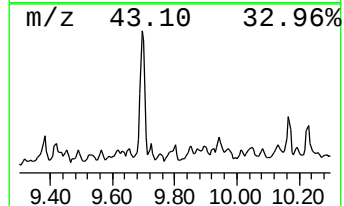
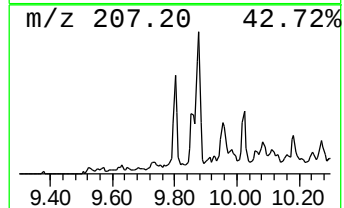
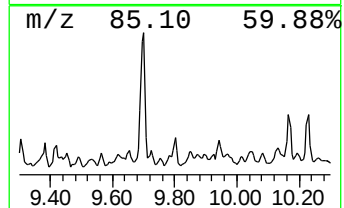
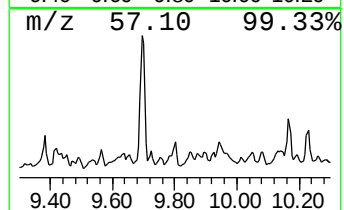
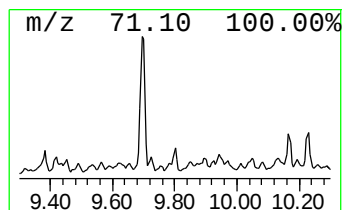
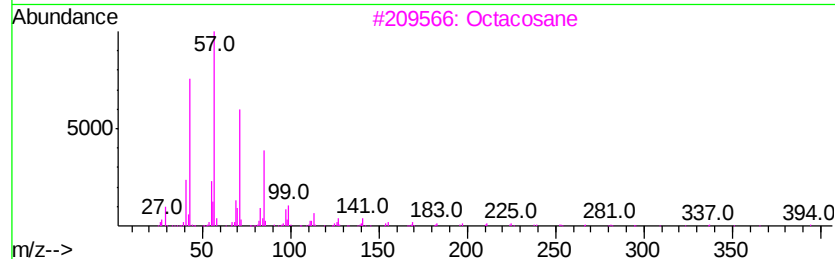
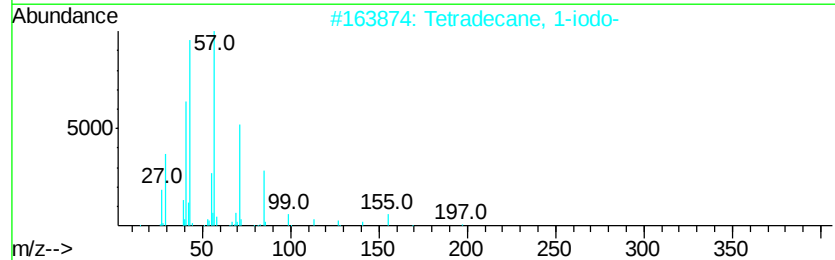
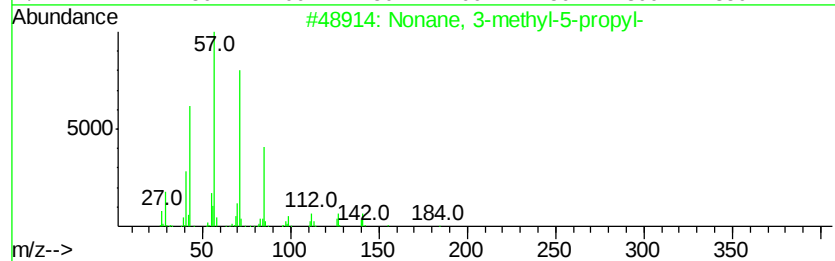
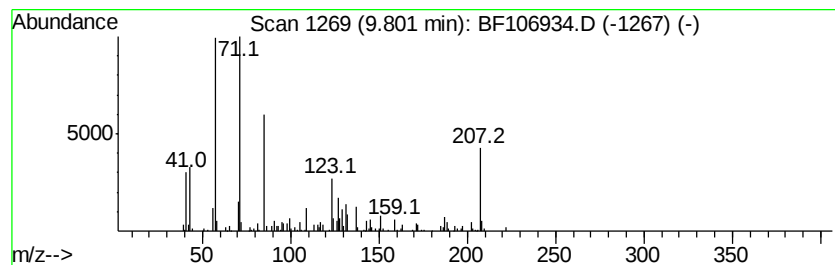
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	17.32 ng	210416	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
3		Octacosane	394	C28H58	000630-02-4	37
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	37
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

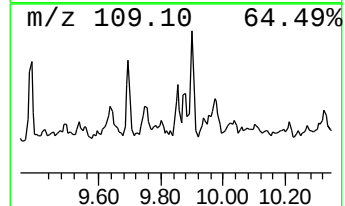
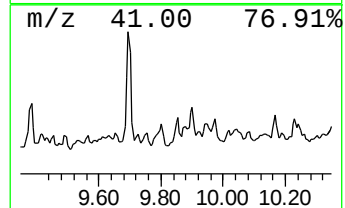
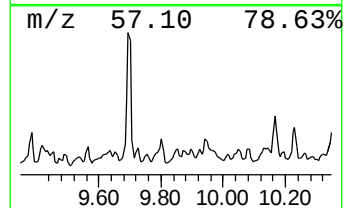
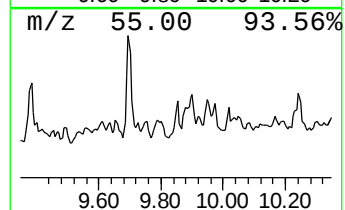
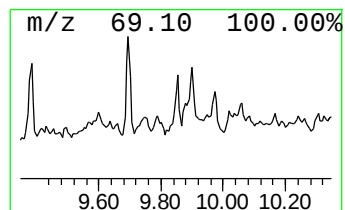
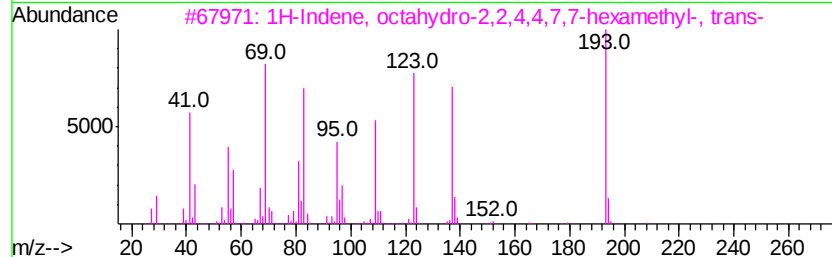
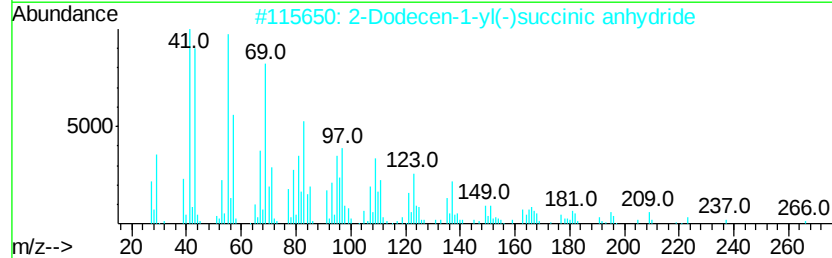
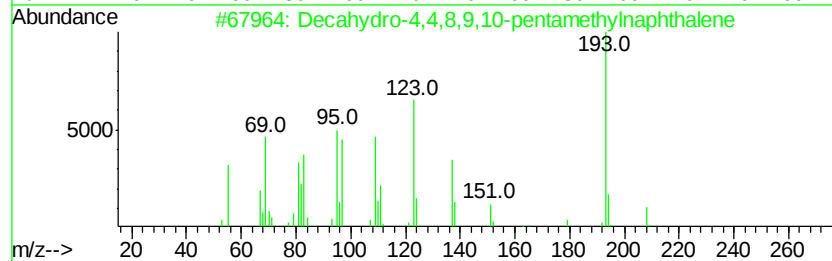
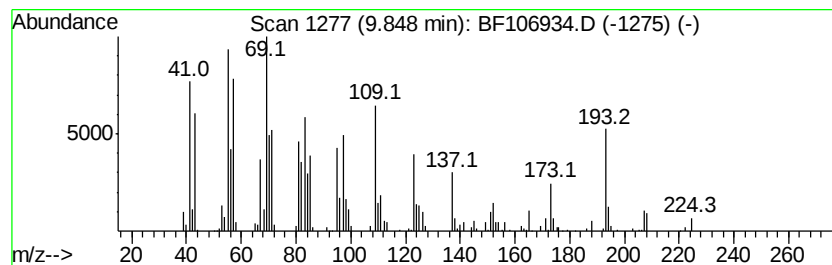
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	23.35 ng	283648	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	92
2		2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	53
3		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
4		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	42
5		3-Hexadecene, (Z)-	224	C16H32	034303-81-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

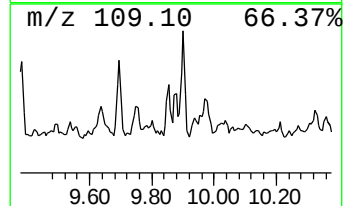
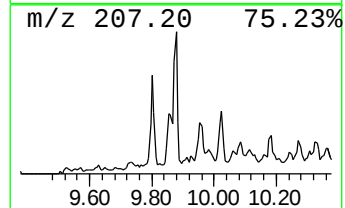
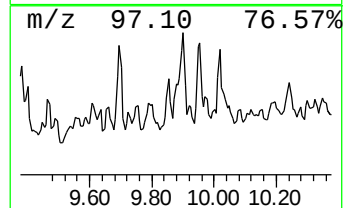
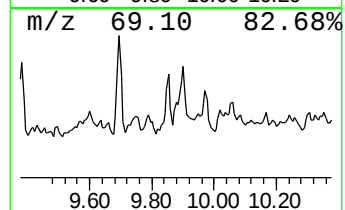
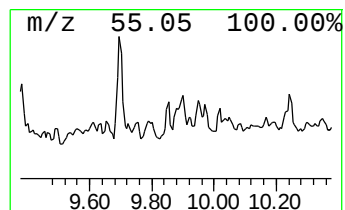
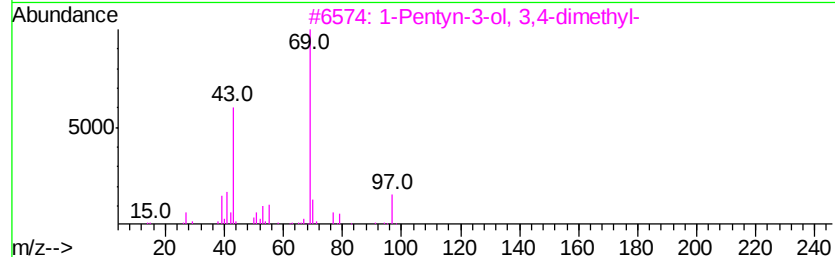
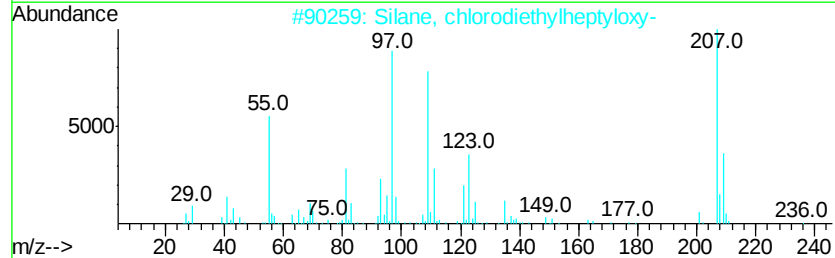
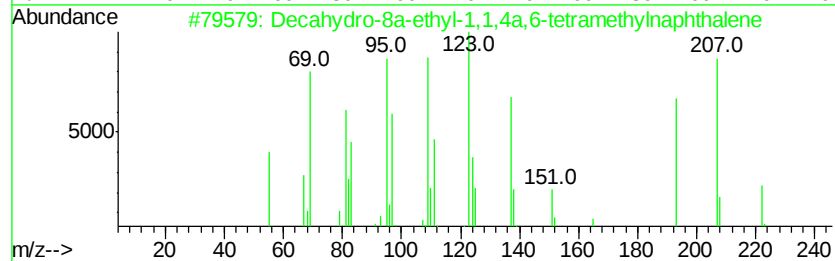
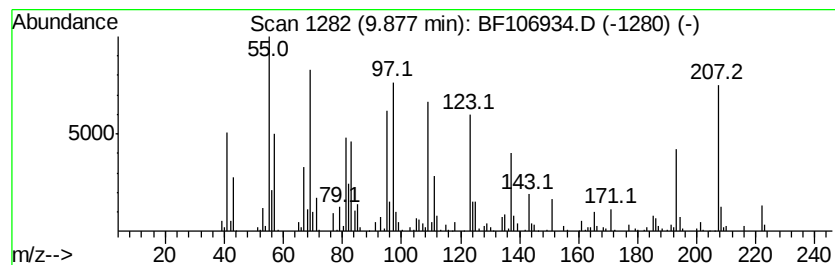
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.88 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	12.80 ng	155520	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	49
2		Silane, chlorodiethylheptyloxy-	236	C11H25ClOSi	1000363-96-1	43
3		1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	22
4		4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	22
5		1-Cyclopentyl-4-(1-methylethyl)c...	194	C14H26	1000215-44-4	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

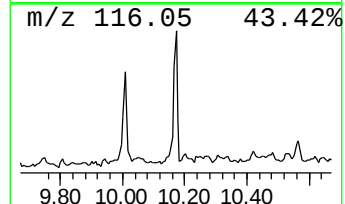
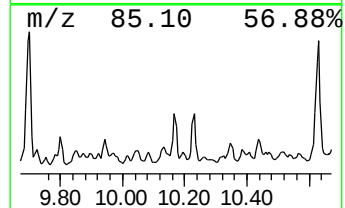
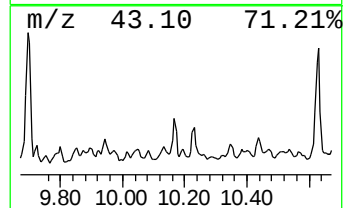
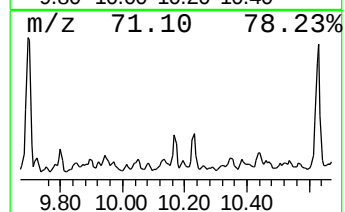
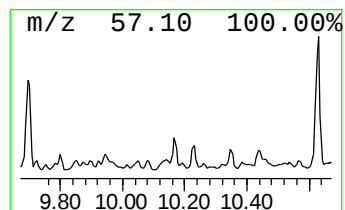
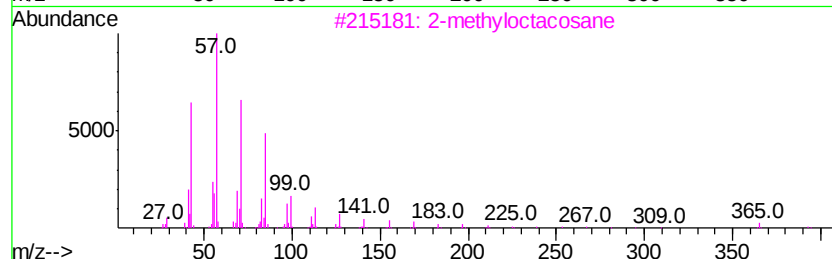
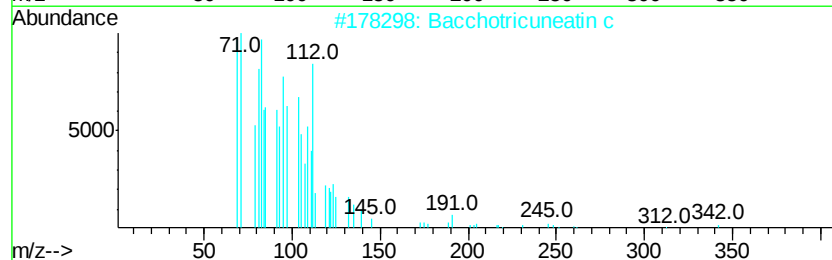
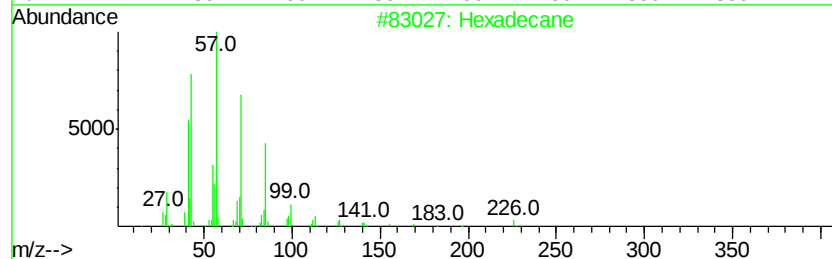
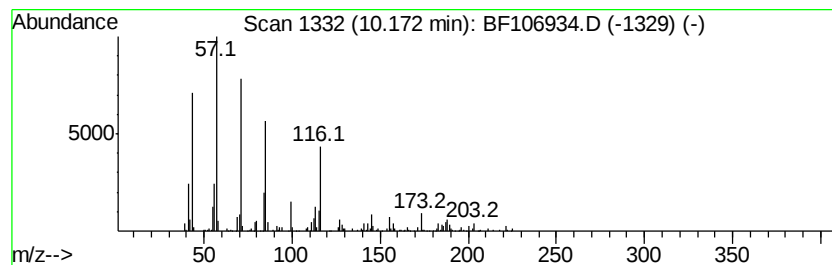
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	19.48 ng	236679	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	78
3		2-methyloctacosane	408	C29H60	1000376-72-8	59
4		Heneicosane	296	C21H44	000629-94-7	58
5		triacontane	422	C30H62	000638-68-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

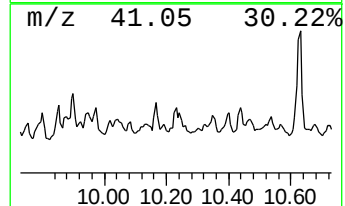
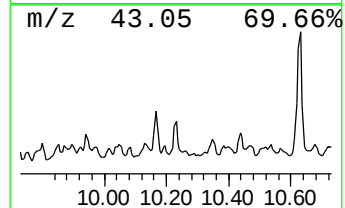
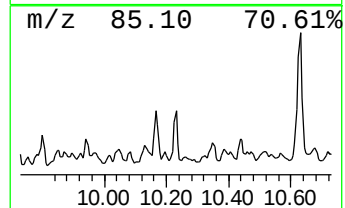
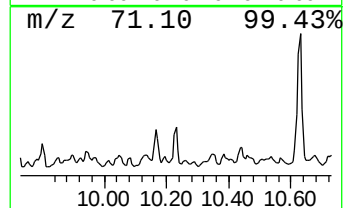
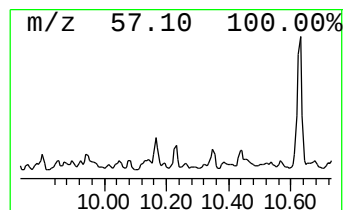
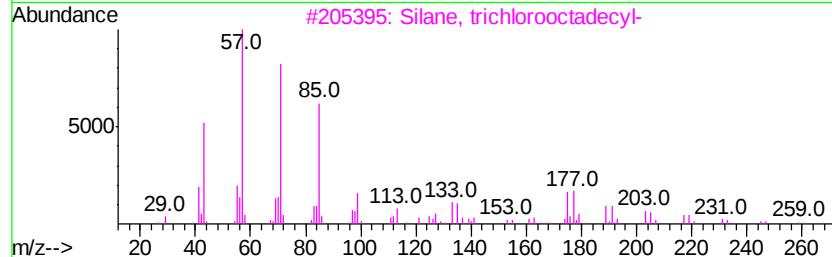
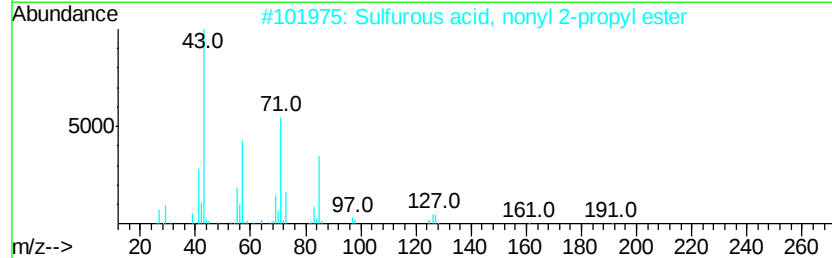
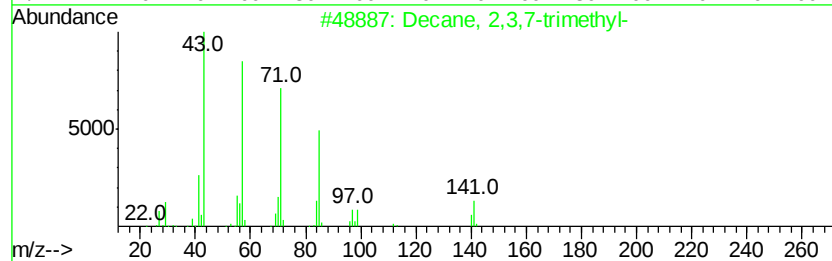
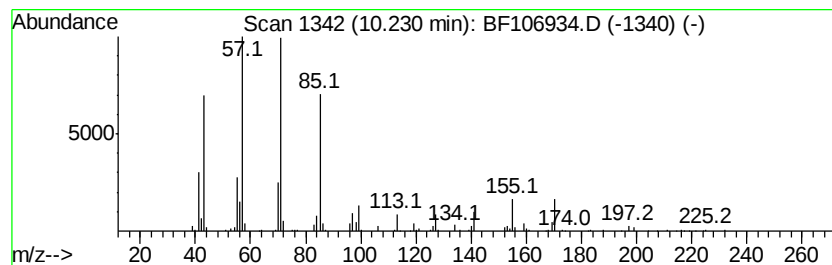
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2,3,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	20.65 ng	250837	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,3,7-trimethyl-	184 C13H28	062238-13-5	64
2	Sulfurous acid, nonyl 2-propyl e...	250 C12H26O3S	1000309-12-0	53
3	Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9	53
4	Undecane, 6-ethyl-	184 C13H28	017312-60-6	50
5	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

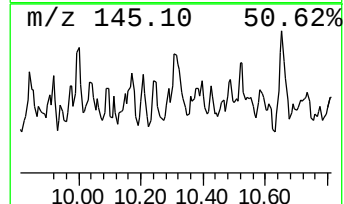
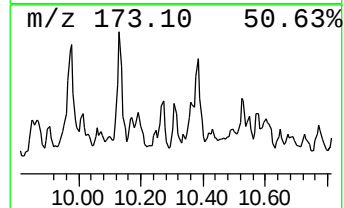
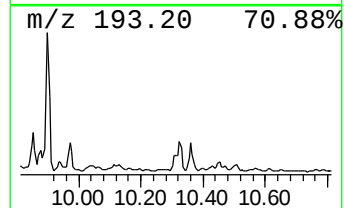
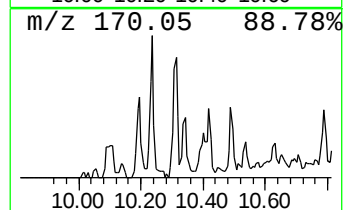
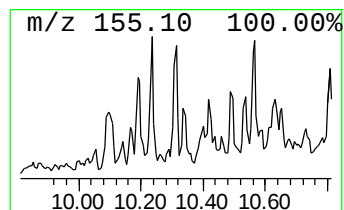
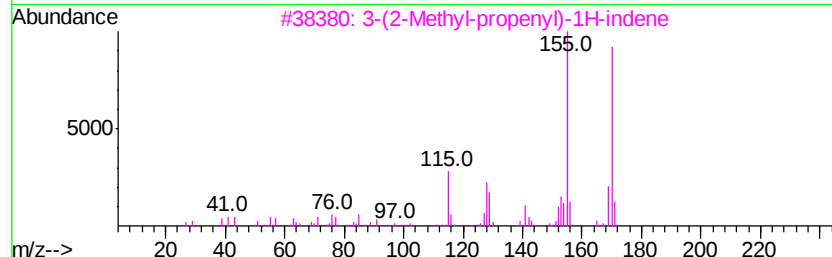
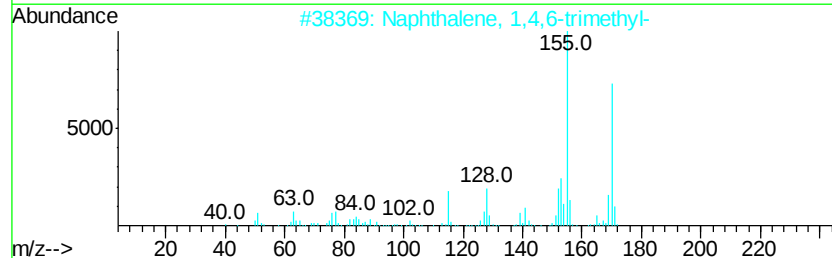
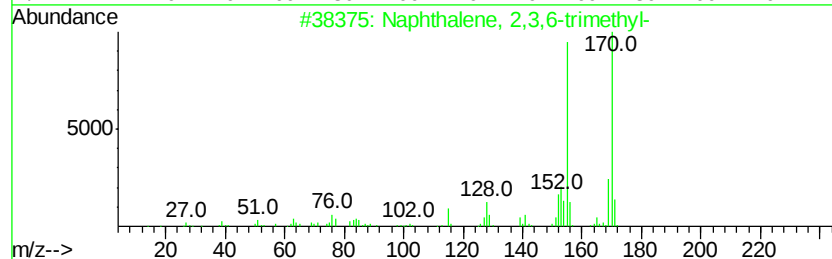
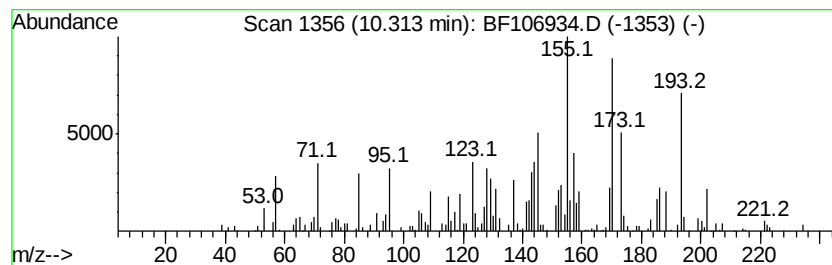
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.31 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.31	11.51 ng	139850	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	45
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

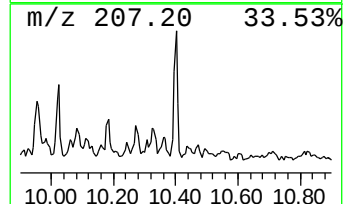
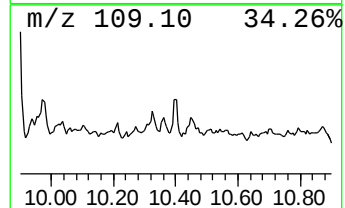
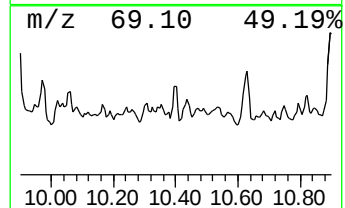
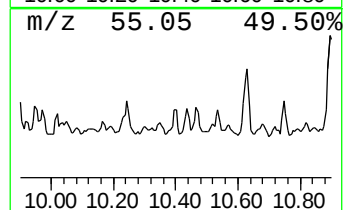
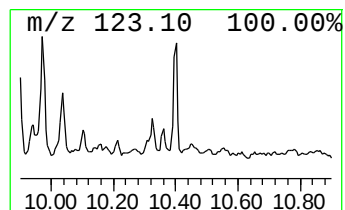
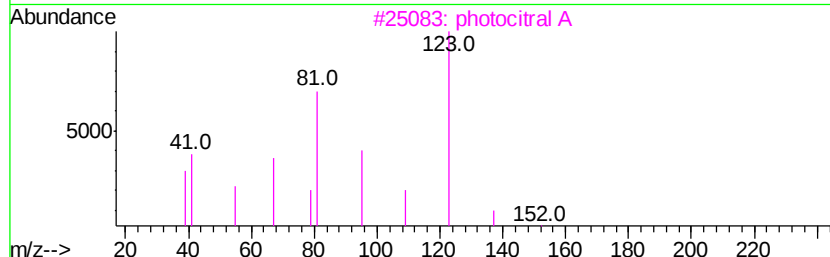
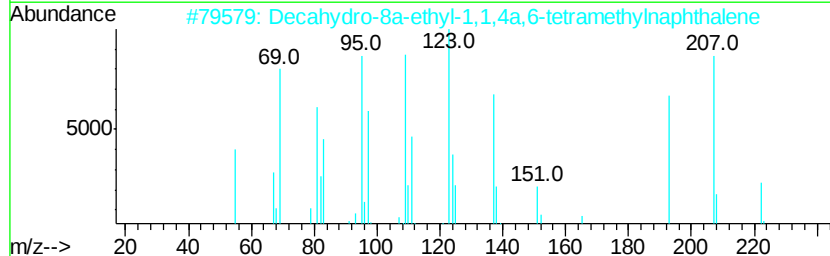
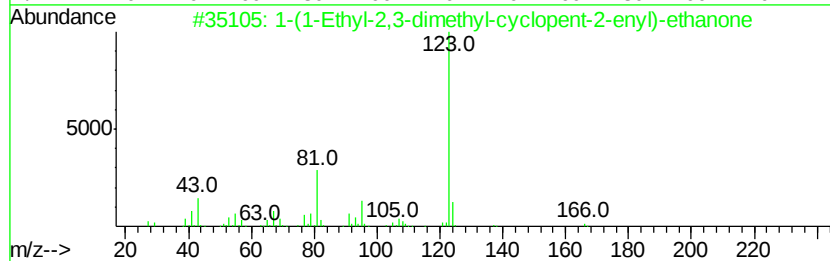
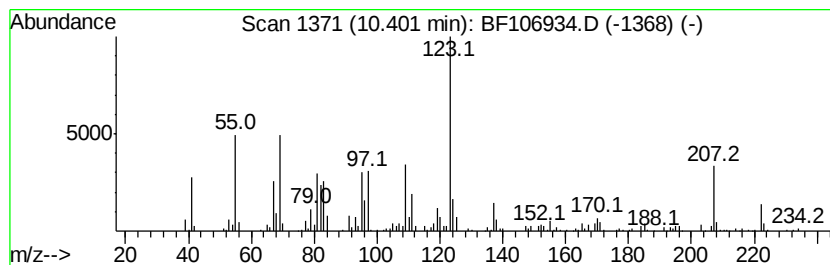
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-(1-Ethyl-2,3-dimethyl-cyc... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	18.79 ng	228250	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Ethyl-2,3-dimethyl-cyclopent-2-en-1-yl)ethan-1-one	166	C11H18O	1000185-18-6	50
2	Decahydro-8a-ethyl-1,1,4a,6-tetrahydronaphthalene	222	C16H30	1000100-23-6	47
3	photocitral A	152	C10H16O	055253-28-6	46
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
5	2-(2-Ethyl-1,3-dimethyl-cyclopent-2-en-1-yl)ethan-1-one	182	C12H22O	1000186-82-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

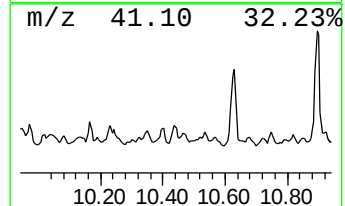
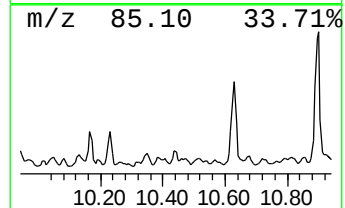
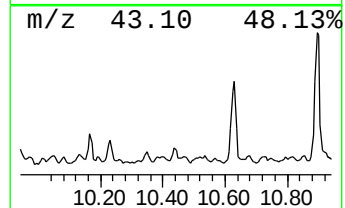
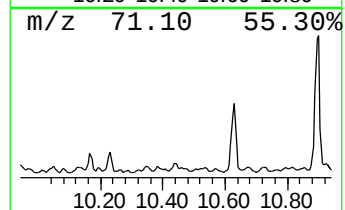
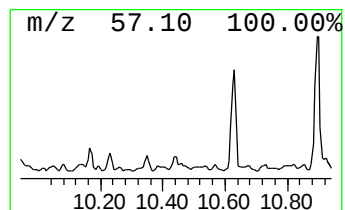
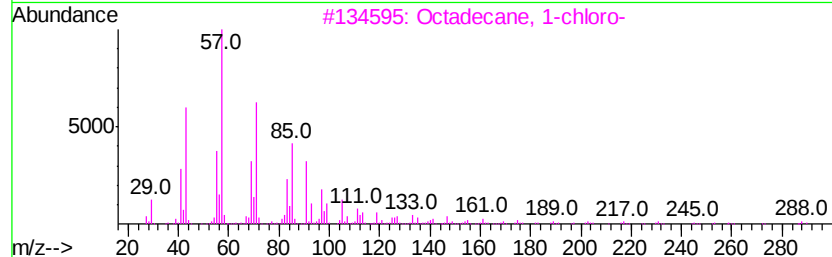
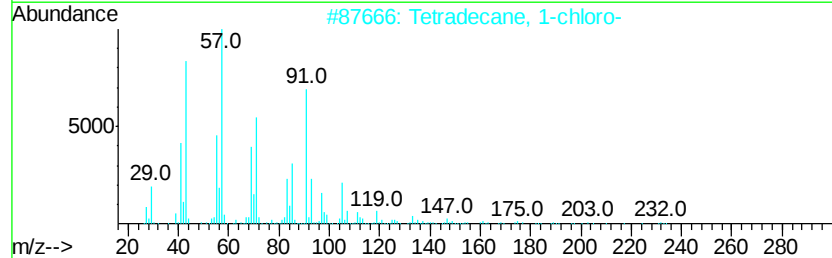
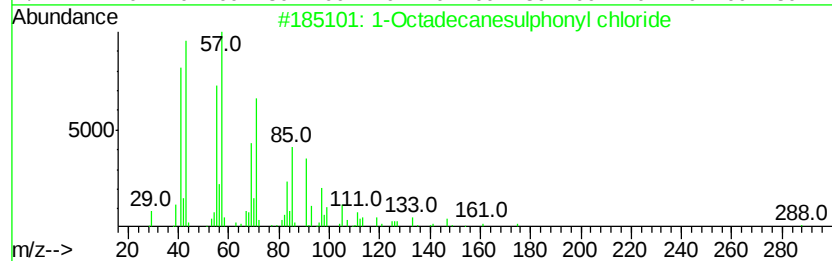
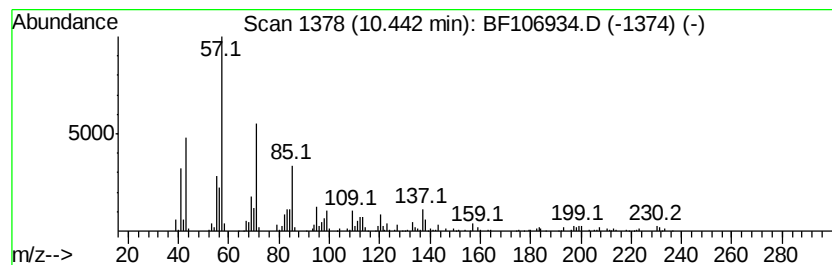
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Octadecanesulphonyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.44	24.76 ng	300768	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	72
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	72
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

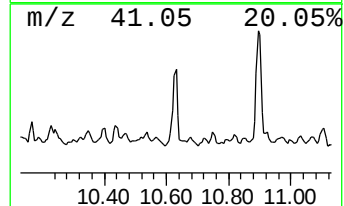
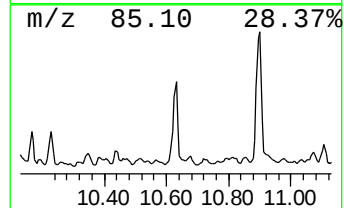
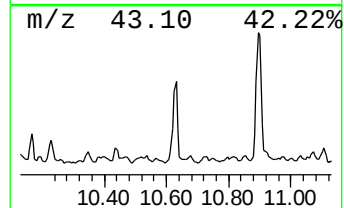
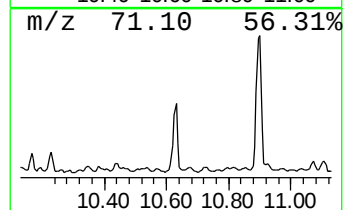
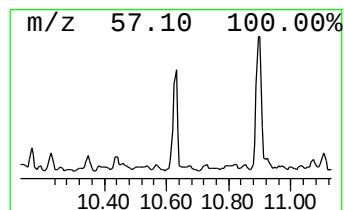
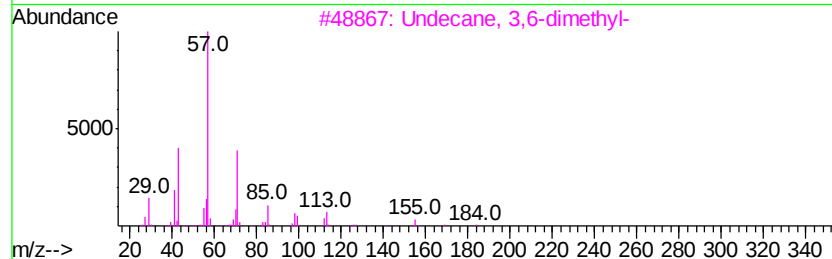
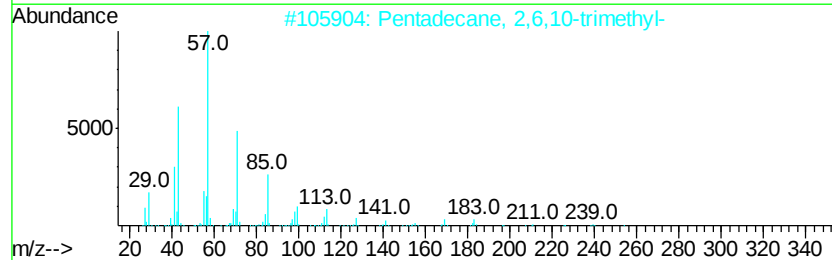
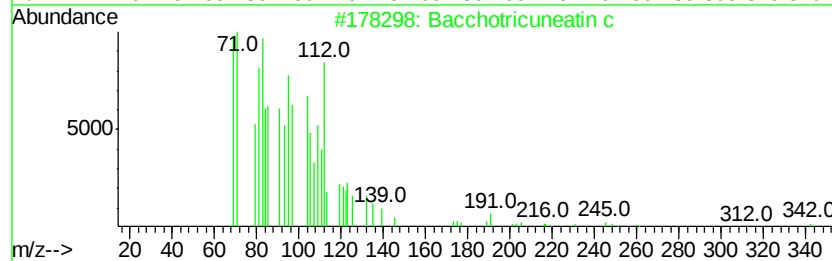
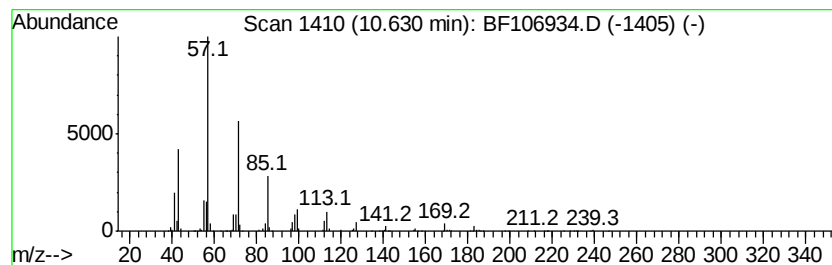
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	102.96 ng	1250680	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

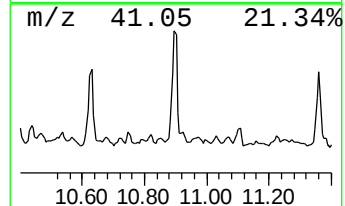
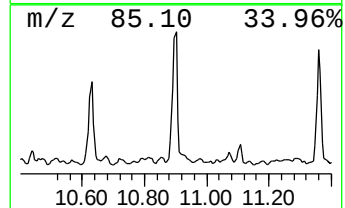
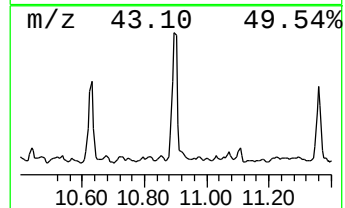
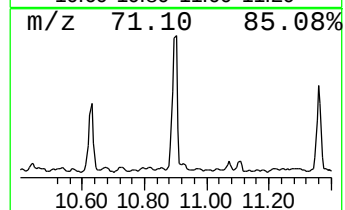
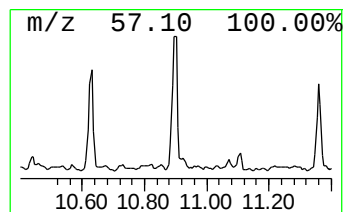
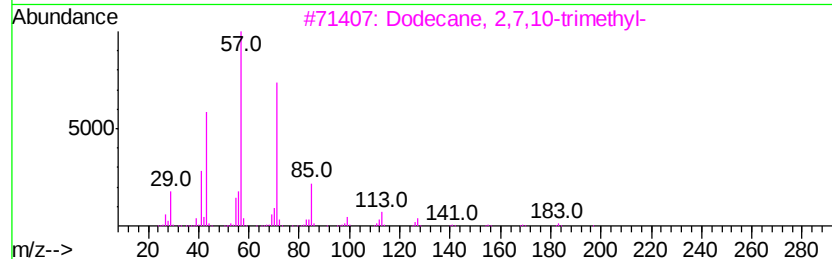
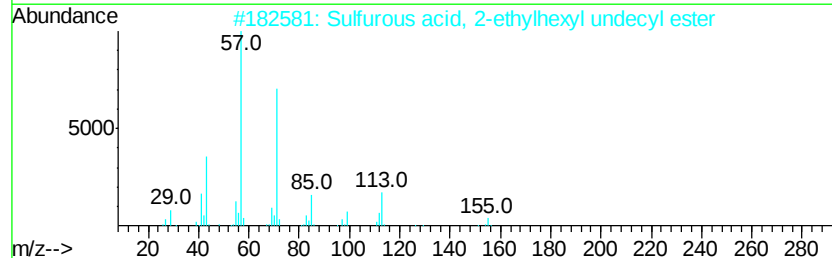
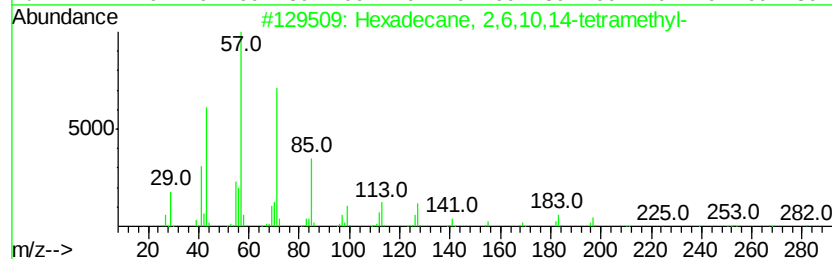
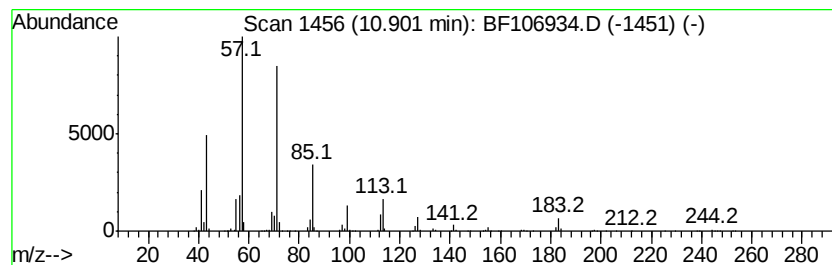
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	132.09 ng	1965350	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

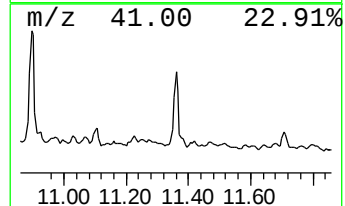
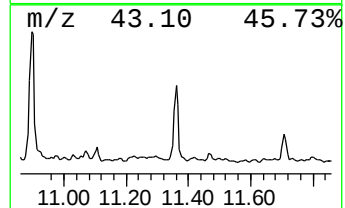
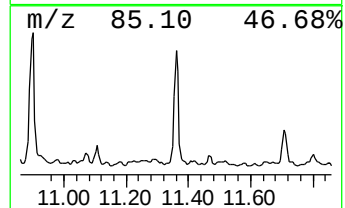
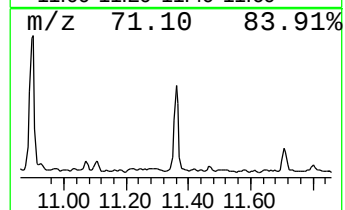
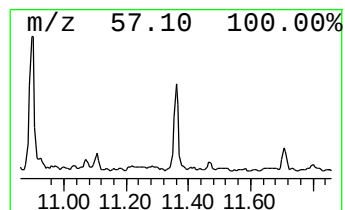
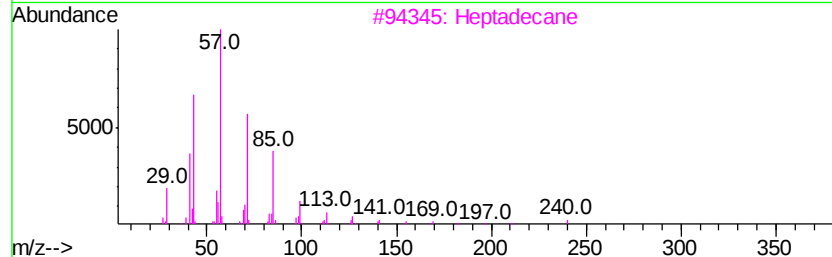
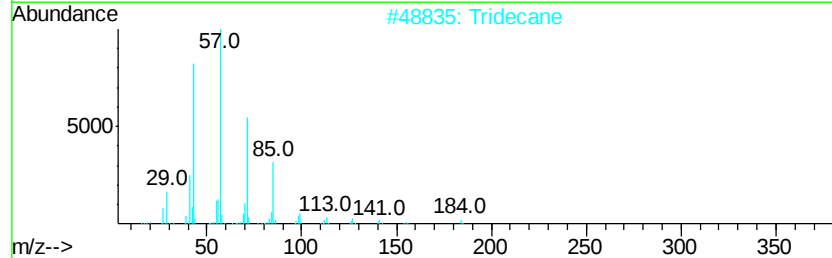
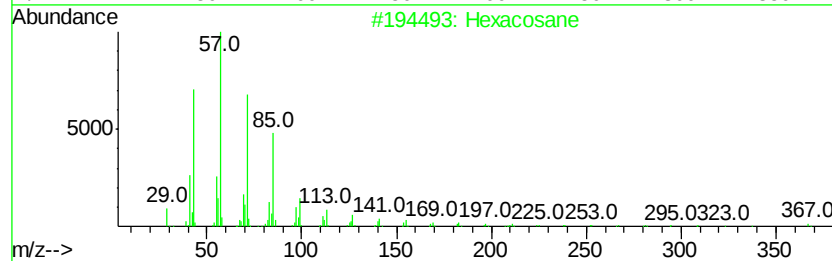
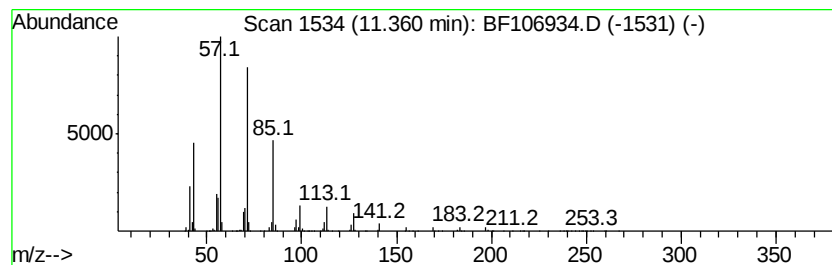
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	72.19 ng	1074090	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Heptadecane	240	C17H36	000629-78-7	83
4		Tritetracontane	605	C43H88	007098-21-7	83
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

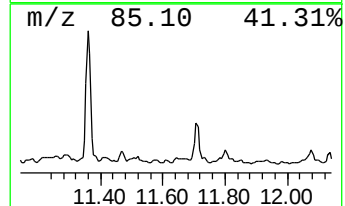
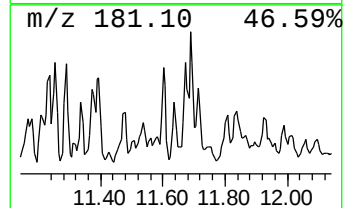
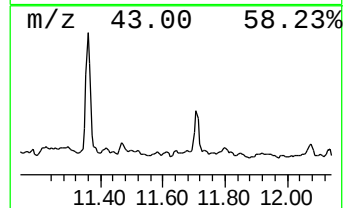
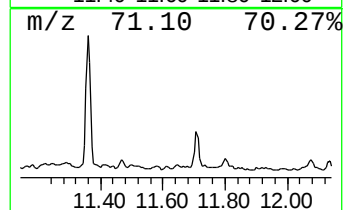
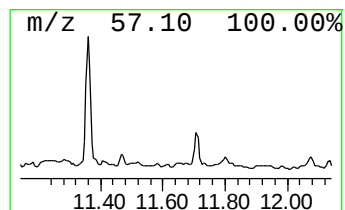
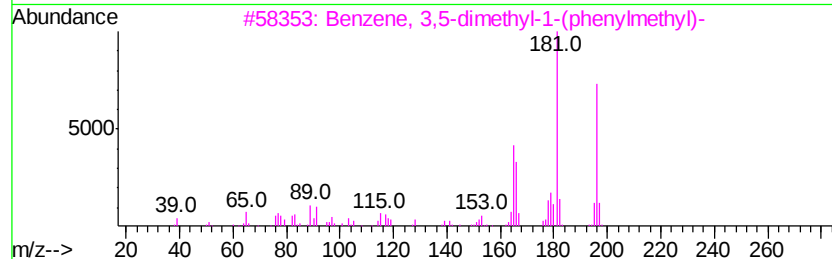
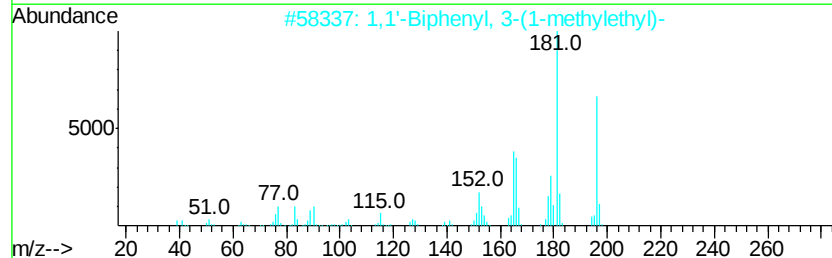
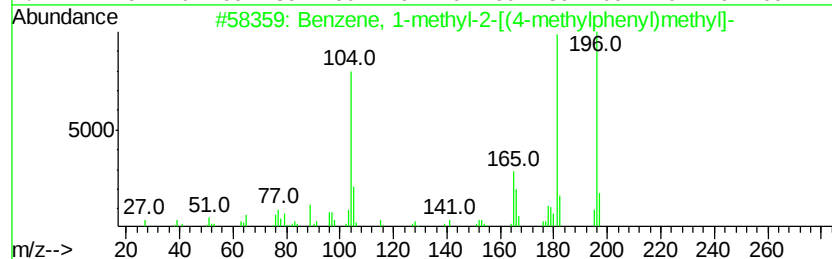
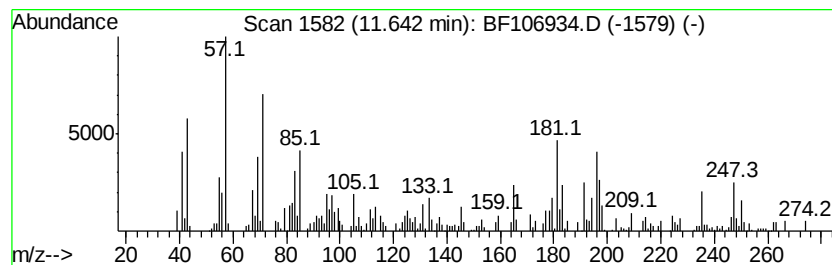
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1-methyl-2-[(4-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	12.25 ng	182209	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	55
2		1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	50
3		Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	49
4		Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	46
5		Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

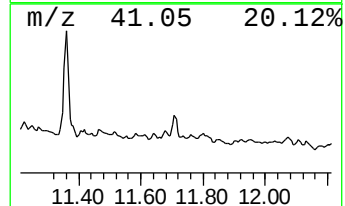
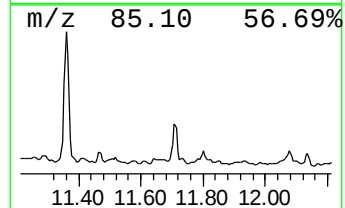
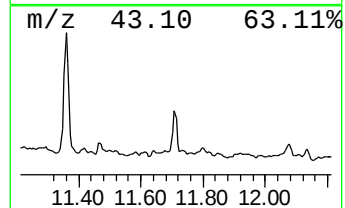
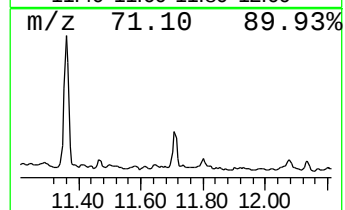
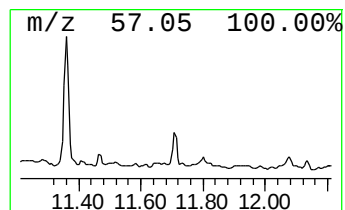
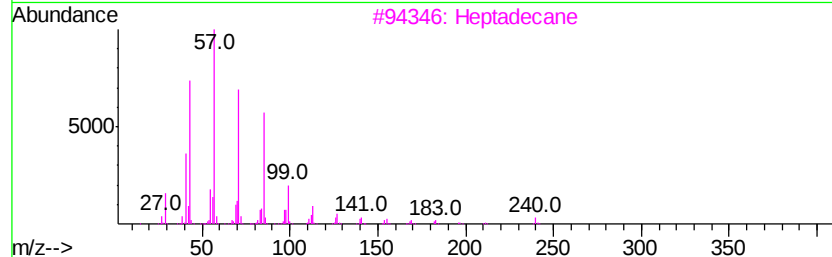
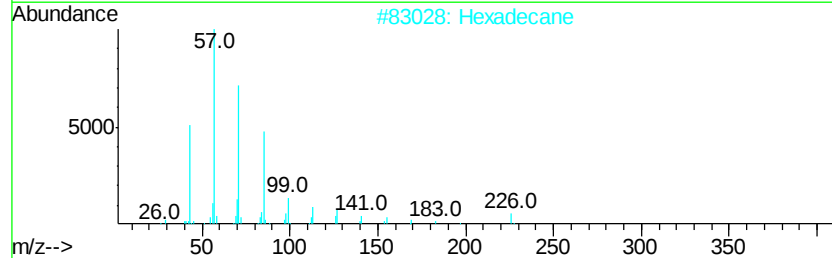
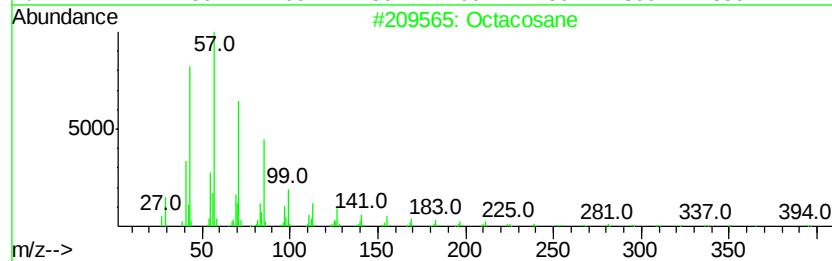
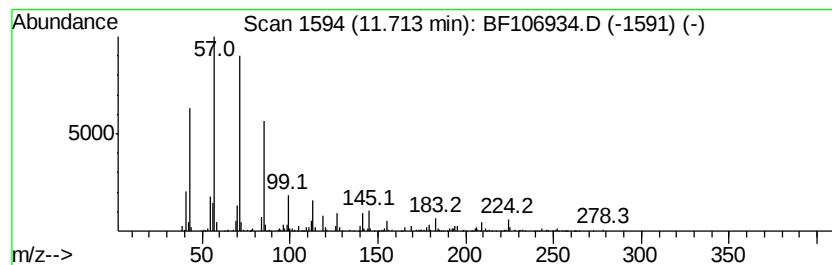
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	24.98 ng	371713	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Heptadecane	240	C17H36	000629-78-7	80
4		Octadecane	254	C18H38	000593-45-3	80
5		Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106934.D
 Acq On : 28 Jun 2018 21:23
 Operator : JU/SJ
 Sample : J3242-09 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.72	6.72	38.5	ng	746085	1	6.95	387710	20.0
Octane, 2,3,6-tri...	8.64	15.3	ng	355719	2	8.24	466075	20.0
Dodecane, 2,7,10-...	9.24	74.0	ng	898846	3	10.00	242936	20.0
Pentadecane	9.42	13.3	ng	161537	3	10.00	242936	20.0
unknown9.80	9.80	17.3	ng	210416	3	10.00	242936	20.0
Decahydro-4,4,8,9...	9.85	23.4	ng	283648	3	10.00	242936	20.0
unknown9.88	9.88	12.8	ng	155520	3	10.00	242936	20.0
Hexadecane	10.17	19.5	ng	236679	3	10.00	242936	20.0
Decane, 2,3,7-tri...	10.23	20.6	ng	250837	3	10.00	242936	20.0
unknown10.31	10.31	11.5	ng	139850	3	10.00	242936	20.0
1-(1-Ethyl-2,3-di...	10.40	18.8	ng	228250	3	10.00	242936	20.0
1-Octadecanesulph...	10.44	24.8	ng	300768	3	10.00	242936	20.0
Bacchotricuneatin c	10.63	103.0	ng	1250680	3	10.00	242936	20.0
Hexadecane, 2,6,1...	10.90	132.1	ng	1965350	4	11.49	297587	20.0
Hexacosane	11.36	72.2	ng	1074090	4	11.49	297587	20.0
Benzene, 1-methyl...	11.64	12.3	ng	182209	4	11.49	297587	20.0
Octacosane	11.71	25.0	ng	371713	4	11.49	297587	20.0