

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107133.D
 Acq On : 5 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3853-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_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	5.184	479	484	494	rBV	115215	135199	12.83%	0.845%
2	5.590	550	553	560	rBV	994696	949595	90.14%	5.933%
3	6.178	649	653	655	rBV	33760	35404	3.36%	0.221%
4	6.195	655	656	660	rVV2	26113	22451	2.13%	0.140%
5	6.237	660	663	666	rVB	27359	24747	2.35%	0.155%
6	6.372	682	686	689	rBV4	16280	27848	2.64%	0.174%
7	6.478	699	704	709	rBV4	40356	57162	5.43%	0.357%
8	6.595	719	724	730	rBV	992682	995382	94.48%	6.219%
9	6.678	733	738	742	rVV4	23879	39198	3.72%	0.245%
10	6.725	742	746	749	rVV	1136929	992810	94.24%	6.203%
11	6.778	750	755	756	rBV2	20300	20858	1.98%	0.130%
12	6.895	772	775	778	rBV4	19542	28215	2.68%	0.176%
13	6.948	778	784	787	rVB	392073	358088	33.99%	2.237%
14	7.037	794	799	803	rBV4	20566	38708	3.67%	0.242%
15	7.078	803	806	807	rVV2	32691	34325	3.26%	0.214%
16	7.101	807	810	814	rVV	835056	771167	73.20%	4.818%
17	7.190	822	825	826	rVV2	23847	25040	2.38%	0.156%
18	7.207	826	828	831	rVB2	35889	30390	2.88%	0.190%
19	7.337	843	850	852	rBV3	53535	55999	5.32%	0.350%
20	7.360	852	854	858	rVB4	23298	27781	2.64%	0.174%
21	7.413	858	863	867	rBV2	13285	23039	2.19%	0.144%
22	7.466	867	872	876	rBV4	46792	75394	7.16%	0.471%
23	7.513	876	880	883	rBV	680849	624512	59.28%	3.902%
24	7.560	886	888	889	rBV	26608	21057	2.00%	0.132%
25	7.578	889	891	894	rVB2	41705	40411	3.84%	0.252%
26	7.672	903	907	909	rBV3	13887	24881	2.36%	0.155%
27	7.707	909	913	915	rBV3	32915	28067	2.66%	0.175%
28	7.748	917	920	925	rVB2	53546	59118	5.61%	0.369%
29	7.807	926	930	933	rBV5	18788	33648	3.19%	0.210%
30	7.860	936	939	946	rVB5	68144	85641	8.13%	0.535%
31	7.960	953	956	961	rBV5	18994	31041	2.95%	0.194%
32	8.037	964	969	973	rBV6	25348	39723	3.77%	0.248%
33	8.089	975	978	981	rBV3	37093	33209	3.15%	0.207%
34	8.119	981	983	985	rBV2	20920	22365	2.12%	0.140%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107133.D
 Acq On : 5 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3853-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

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

35	8.231	995	1002	1006	rBV	480247	458774	43.55%	2.866%
36	8.266	1006	1008	1011	rVB	128682	117474	11.15%	0.734%
37	8.307	1011	1015	1020	rBV4	39364	48785	4.63%	0.305%
38	8.395	1028	1030	1032	rBV3	31809	33818	3.21%	0.211%
39	8.419	1032	1034	1040	rVB3	61651	68643	6.52%	0.429%
40	8.507	1045	1049	1054	rVB6	60612	91580	8.69%	0.572%
41	8.566	1054	1059	1062	rBV5	28199	58359	5.54%	0.365%
42	8.607	1062	1066	1067	rBV3	26178	34390	3.26%	0.215%
43	8.631	1067	1070	1072	rBV	206015	151170	14.35%	0.944%
44	8.660	1072	1075	1078	rVV2	33071	30320	2.88%	0.189%
45	8.725	1084	1086	1088	rBV3	40942	40688	3.86%	0.254%
46	8.754	1088	1091	1094	rVV3	57918	65783	6.24%	0.411%
47	8.848	1103	1107	1109	rVV5	42714	71130	6.75%	0.444%
48	8.895	1113	1115	1121	rVB2	85224	95245	9.04%	0.595%
49	8.966	1124	1127	1129	rVB2	34328	29174	2.77%	0.182%
50	8.995	1129	1132	1134	rBV4	47597	54829	5.20%	0.343%
51	9.089	1145	1148	1149	rBV2	22440	24461	2.32%	0.153%
52	9.125	1152	1154	1157	rVB4	43805	44068	4.18%	0.275%
53	9.231	1169	1172	1175	rVB	332531	250574	23.79%	1.566%
54	9.301	1179	1184	1188	rBV	1040696	1053483	100.00%	6.582%
55	9.378	1192	1197	1200	rBV3	124432	147605	14.01%	0.922%
56	9.407	1200	1202	1207	rBV4	59428	64455	6.12%	0.403%
57	9.483	1213	1215	1218	rVB3	33670	29453	2.80%	0.184%
58	9.554	1225	1227	1229	rBV2	32240	26880	2.55%	0.168%
59	9.689	1246	1250	1253	rBV2	634986	677727	64.33%	4.234%
60	9.713	1253	1254	1257	rVB2	38271	27996	2.66%	0.175%
61	9.742	1257	1259	1262	rVB2	34266	29066	2.76%	0.182%
62	9.778	1262	1265	1266	rBV3	36167	39423	3.74%	0.246%
63	9.842	1273	1276	1278	rBV3	112040	99941	9.49%	0.624%
64	9.889	1278	1284	1286	rVV2	148141	163624	15.53%	1.022%
65	9.936	1289	1292	1294	rVV2	52806	62621	5.94%	0.391%
66	9.966	1294	1297	1299	rVV	64916	65865	6.25%	0.412%
67	9.989	1299	1301	1306	rVB2	453099	410766	38.99%	2.566%
68	10.072	1313	1315	1317	rBV	27792	25670	2.44%	0.160%
69	10.154	1327	1329	1331	rVB	74577	55531	5.27%	0.347%
70	10.219	1337	1340	1351	rVB3	100485	194678	18.48%	1.216%
71	10.301	1351	1354	1358	rBV4	74059	119613	11.35%	0.747%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107133.D
 Acq On : 5 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3853-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9

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

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

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

72	10.336	1358	1360	1364	rVB3	62027	77206	7.33%	0.482%
73	10.389	1366	1369	1372	rVB	88370	75557	7.17%	0.472%
74	10.425	1372	1375	1378	rBV3	73991	96736	9.18%	0.604%
75	10.554	1395	1397	1403	rBV3	39085	50820	4.82%	0.318%
76	10.619	1403	1408	1411	rVV	392872	399720	37.94%	2.497%
77	10.736	1426	1428	1432	rVB2	45973	46138	4.38%	0.288%
78	10.789	1432	1437	1440	rBV	696356	699376	66.39%	4.370%
79	10.883	1449	1453	1456	rBV	706901	666043	63.22%	4.161%
80	11.013	1473	1475	1479	rVB2	35105	29492	2.80%	0.184%
81	11.095	1485	1489	1491	rVB2	79023	85224	8.09%	0.532%
82	11.119	1491	1493	1496	rBV3	51207	44172	4.19%	0.276%
83	11.225	1505	1511	1513	rBV5	48458	107926	10.24%	0.674%
84	11.348	1528	1532	1535	rBV	337895	299726	28.45%	1.873%
85	11.460	1548	1551	1552	rBV	31580	31474	2.99%	0.197%
86	11.483	1552	1555	1558	rVV	442279	398796	37.86%	2.492%
87	11.595	1571	1574	1578	rVB4	26773	26204	2.49%	0.164%
88	11.695	1588	1591	1598	rVB2	77868	89745	8.52%	0.561%
89	11.789	1605	1607	1613	rVB4	21509	31652	3.00%	0.198%
90	12.430	1714	1716	1719	rVB2	30643	30237	2.87%	0.189%
91	12.536	1731	1734	1741	rVB4	19478	21536	2.04%	0.135%
92	13.066	1820	1824	1827	rBV	994626	821570	77.99%	5.133%
93	13.942	1970	1973	1980	rBV	88014	107787	10.23%	0.673%
94	14.136	2002	2006	2012	rVB	433875	403084	38.26%	2.518%
95	14.260	2024	2027	2029	rBV	23282	22029	2.09%	0.138%
96	14.571	2077	2080	2082	rBV	28591	32856	3.12%	0.205%
97	14.889	2131	2134	2138	rBV	20815	26635	2.53%	0.166%
98	14.965	2144	2147	2152	rVB	46458	49083	4.66%	0.307%
99	15.242	2190	2194	2197	rVB2	23898	28657	2.72%	0.179%
100	15.677	2263	2268	2272	rBV	245871	330102	31.33%	2.062%

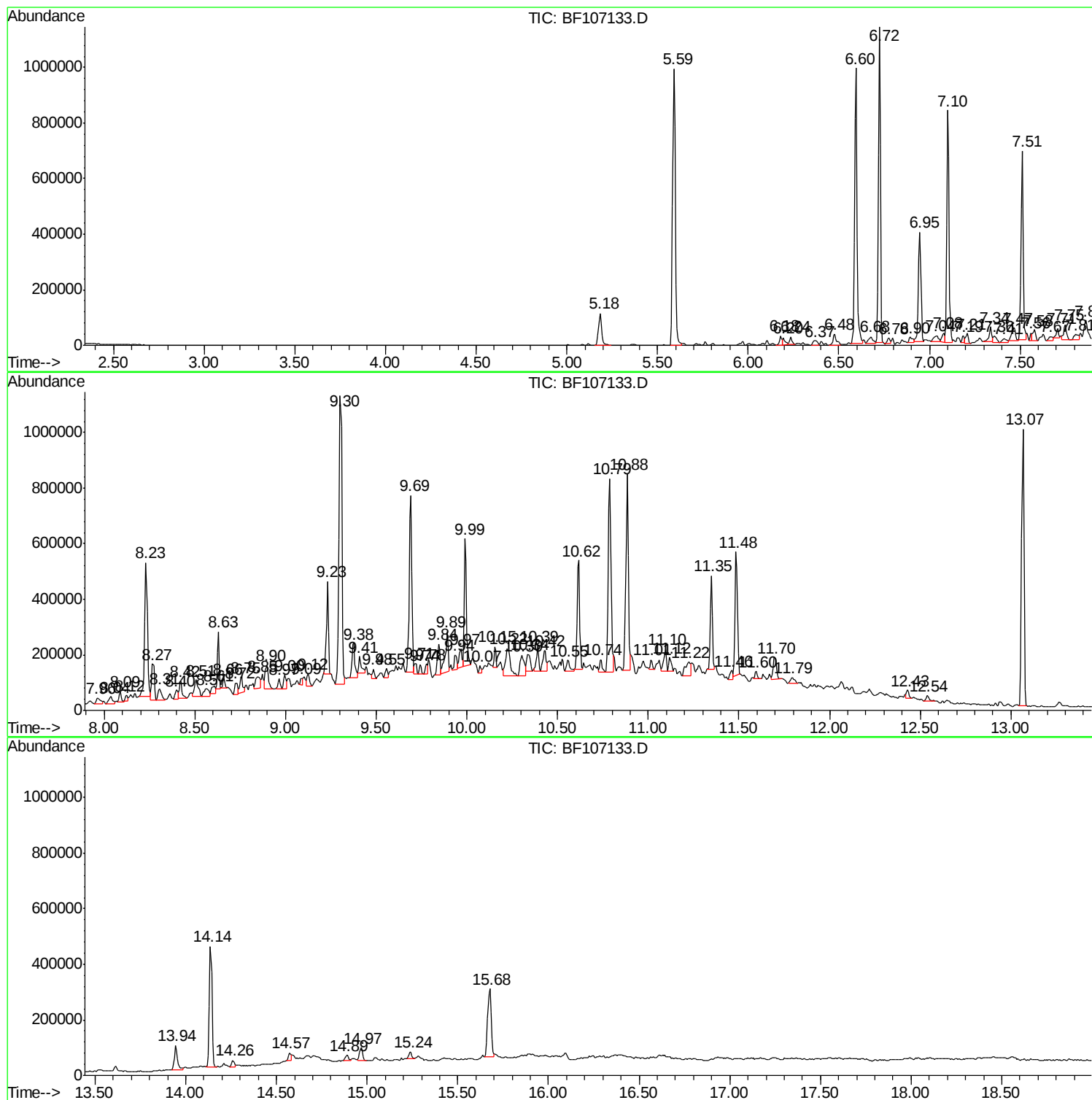
Sum of corrected areas: 16005718

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
B-9

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\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

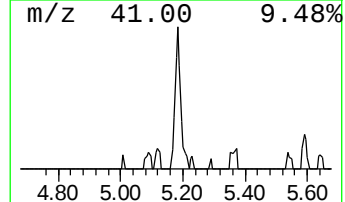
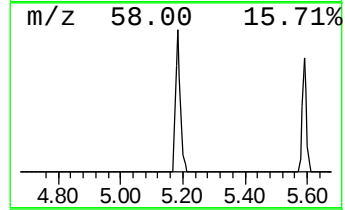
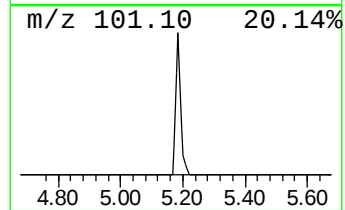
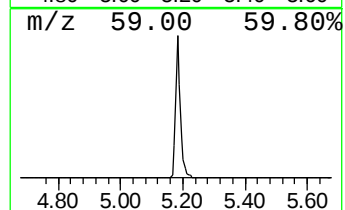
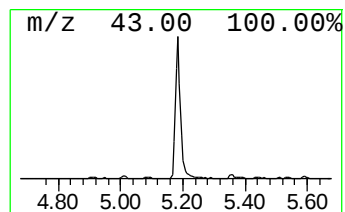
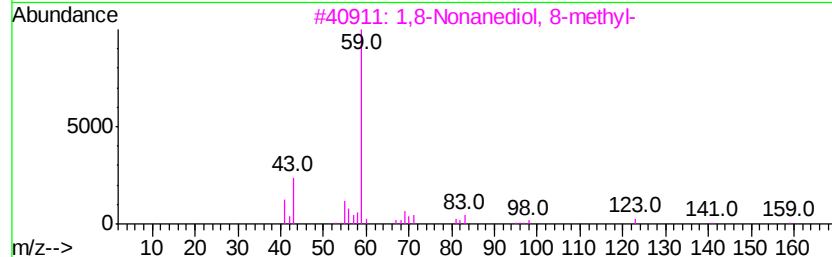
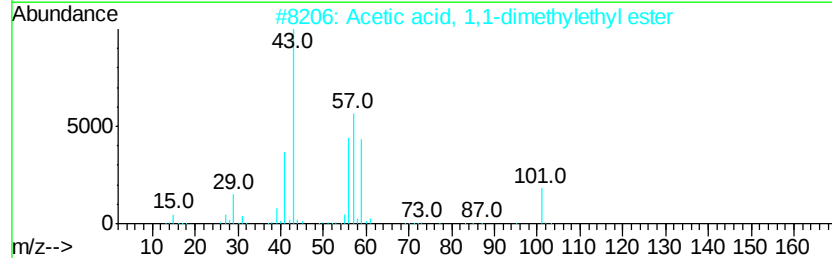
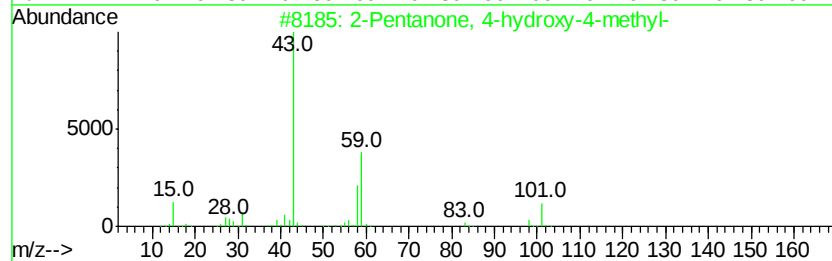
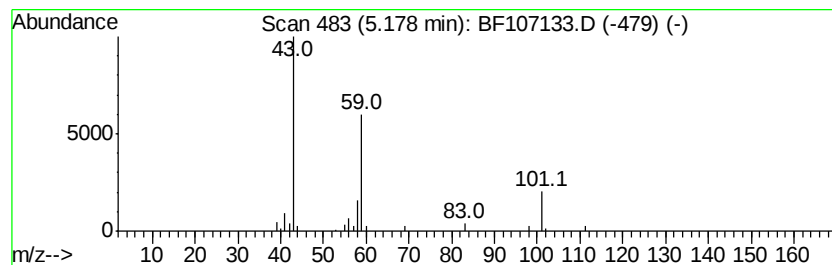
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	7.55 ng	135199	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

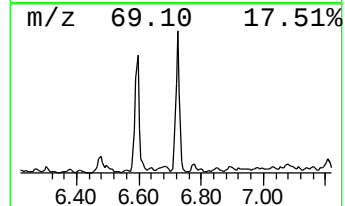
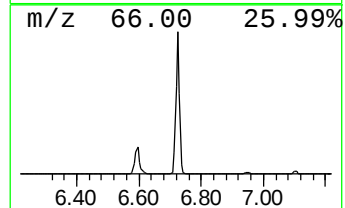
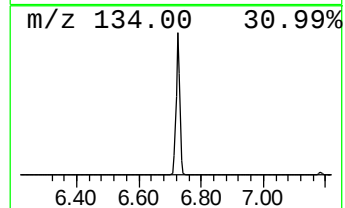
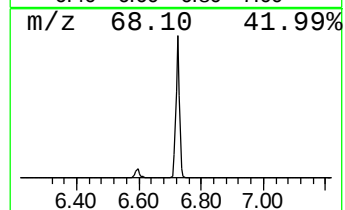
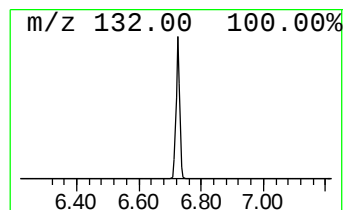
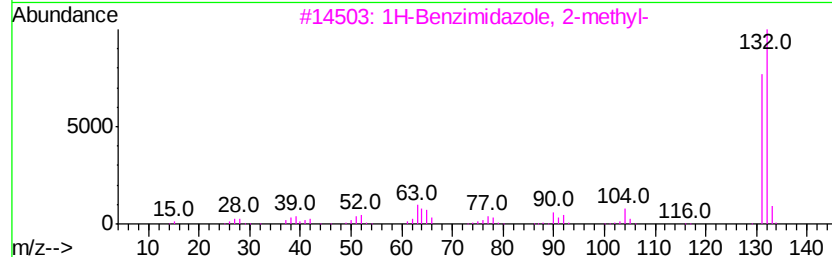
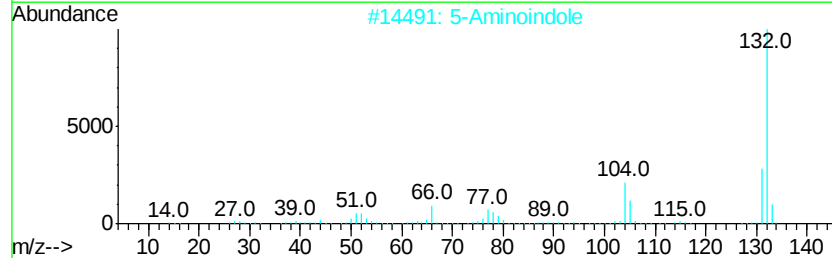
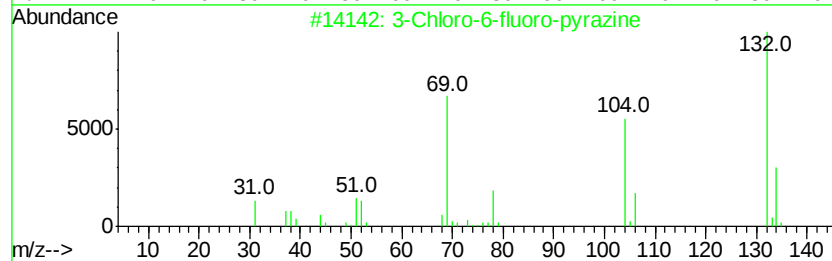
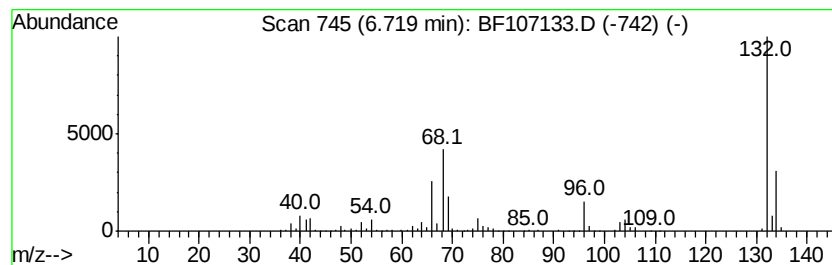
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	55.45 ng	992810	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

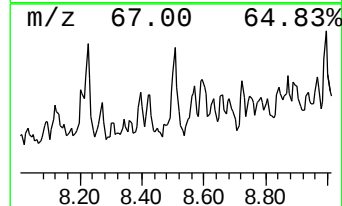
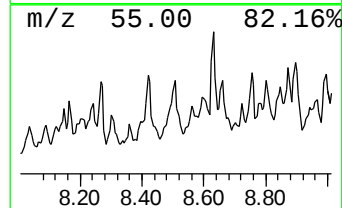
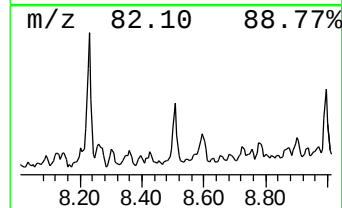
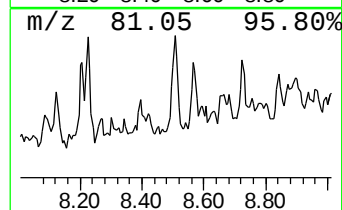
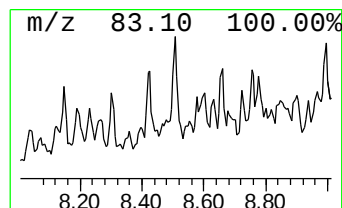
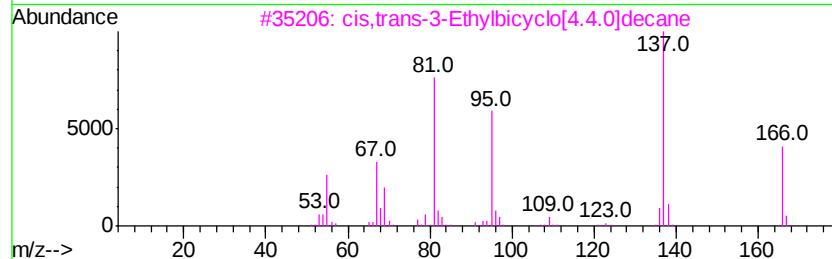
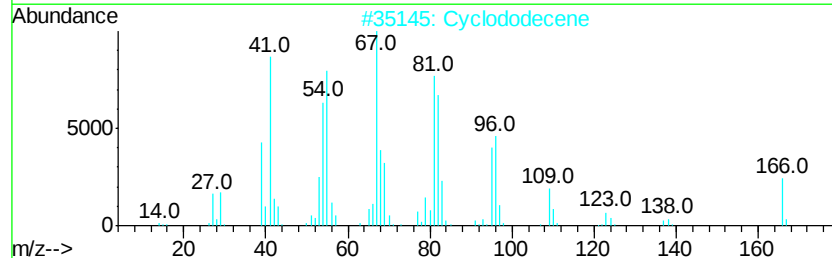
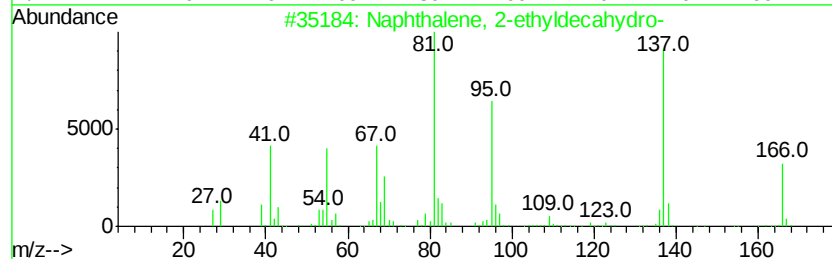
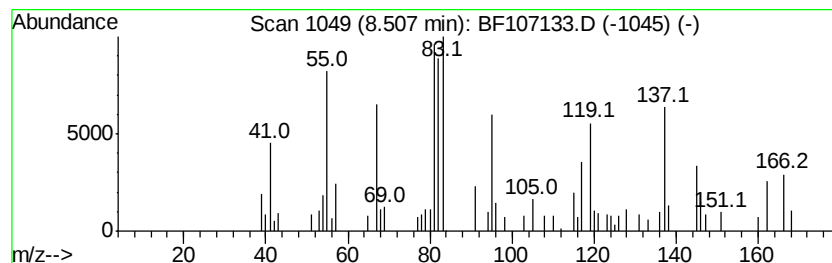
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.99 ng	91580	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	46
2		Cyclododecene	166	C12H22	001501-82-2	46
3		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
4		5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	38
5		2H-Pyran-2-one, 6-pentyl-	166	C10H14O2	027593-23-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

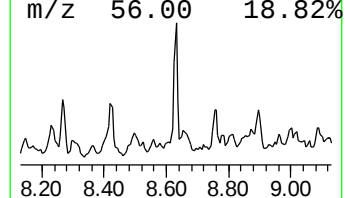
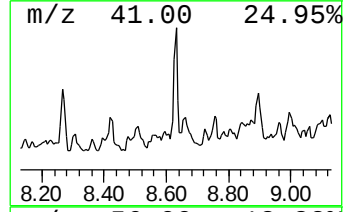
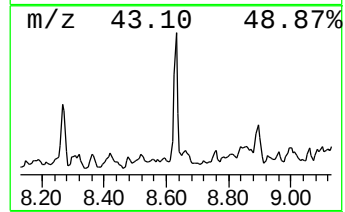
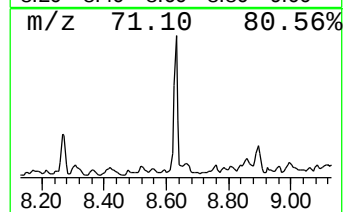
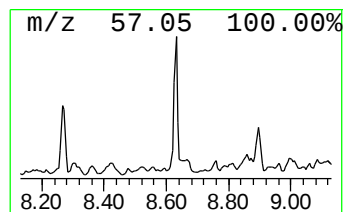
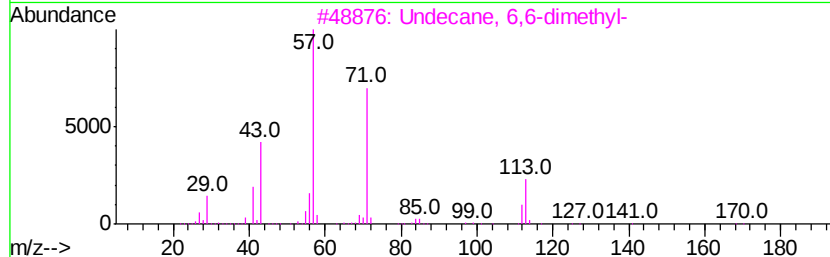
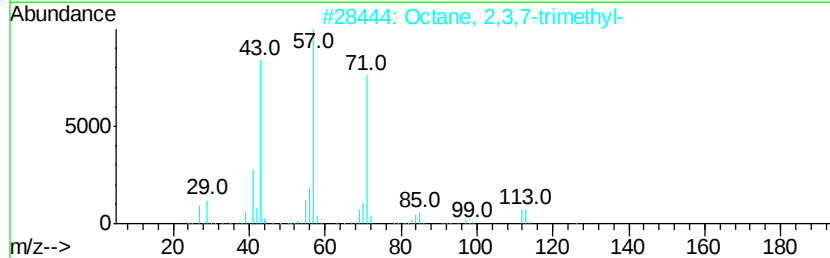
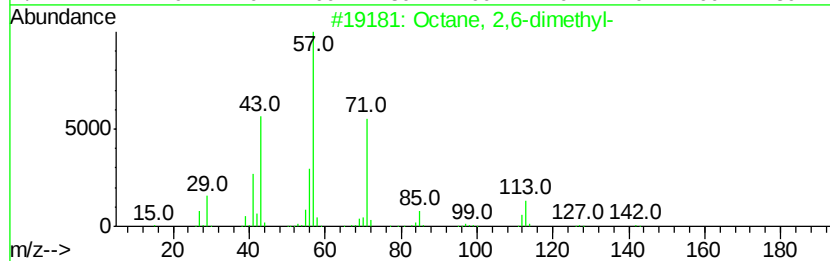
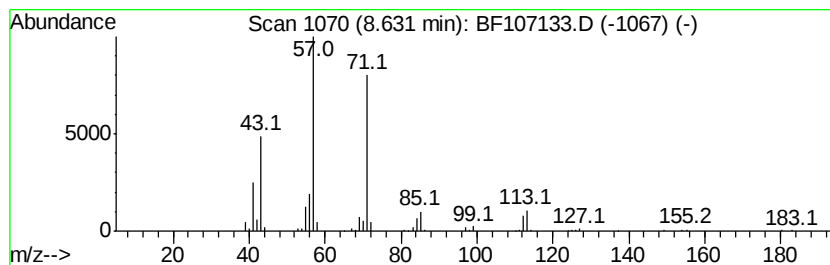
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.59 ng	151170	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
4		Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

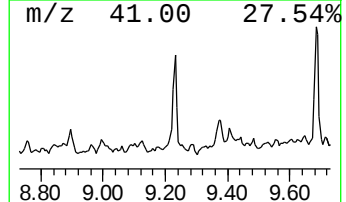
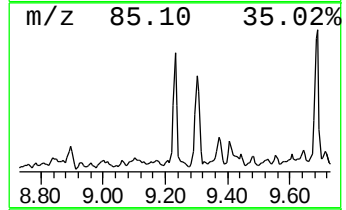
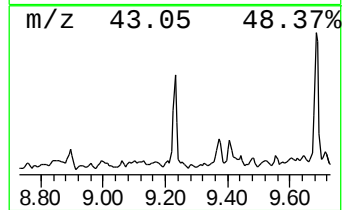
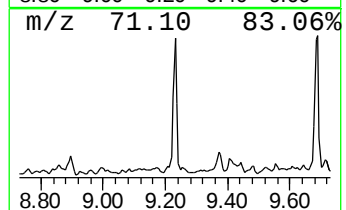
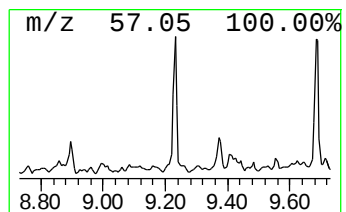
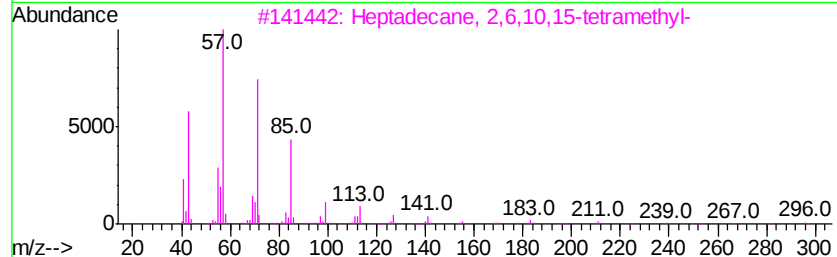
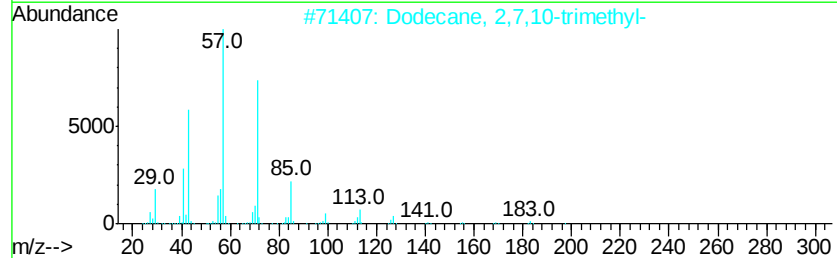
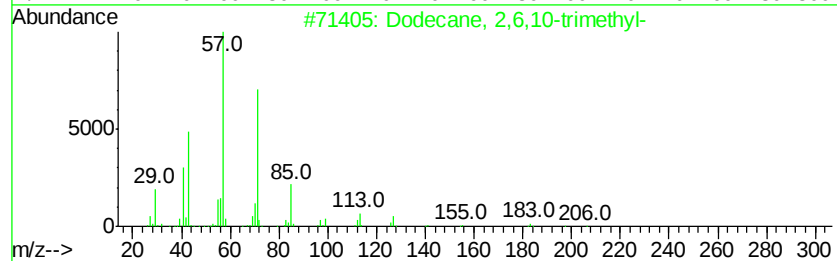
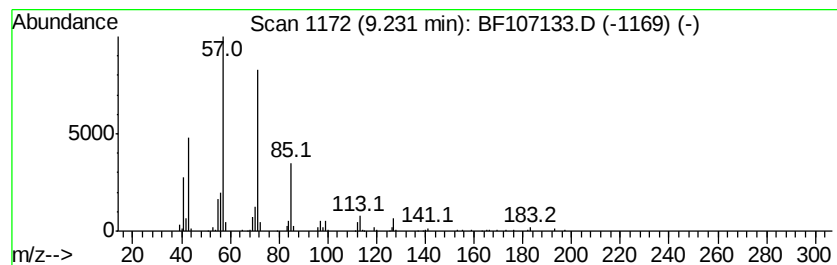
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	12.20 ng	250574	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

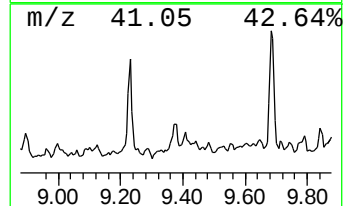
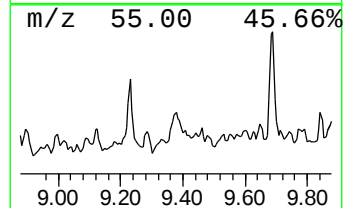
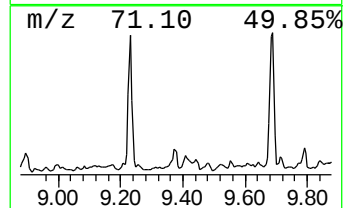
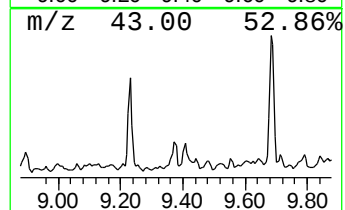
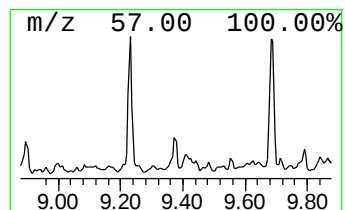
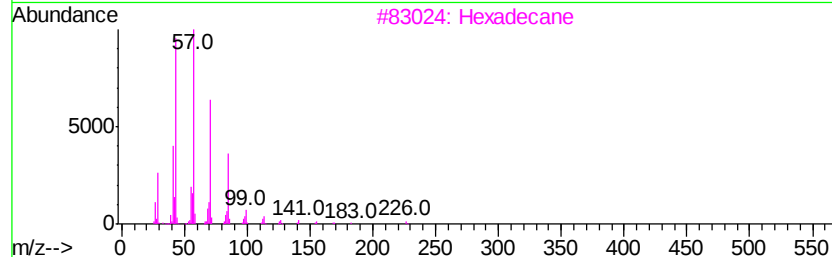
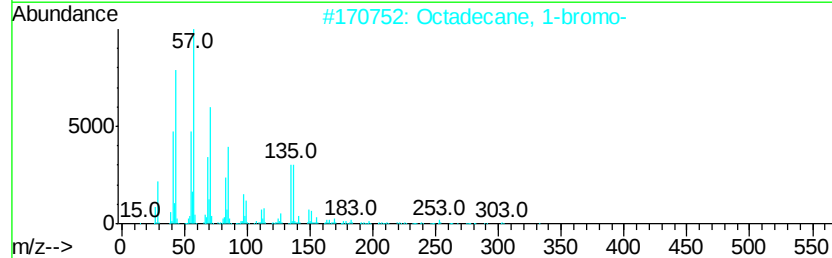
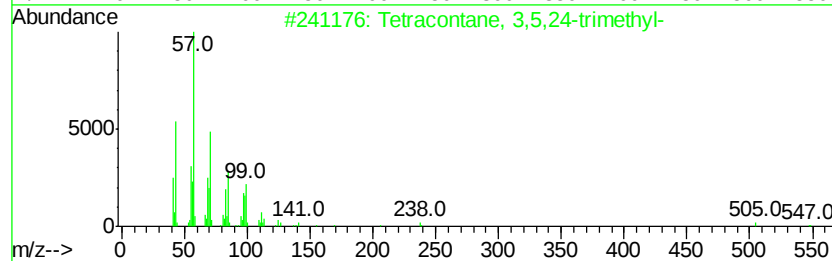
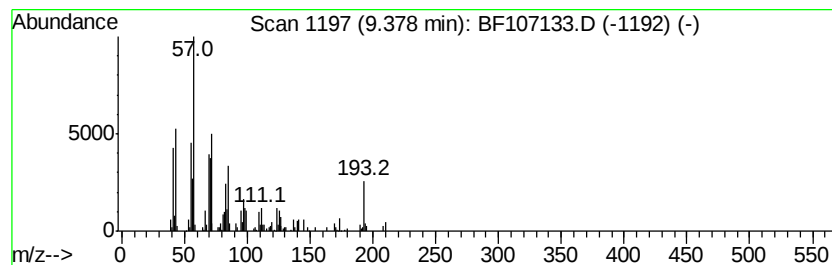
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.38 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	7.19 ng	147605	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43
2			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43
3			Hexadecane	226	C16H34	000544-76-3	38
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
5			Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

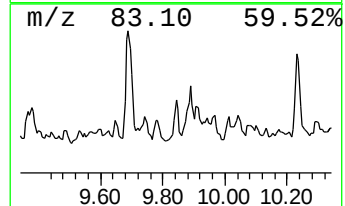
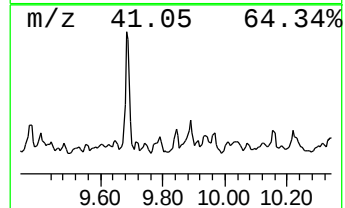
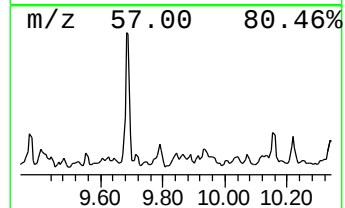
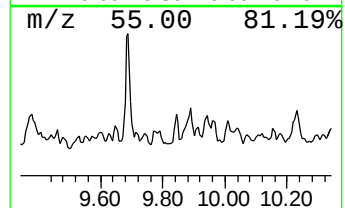
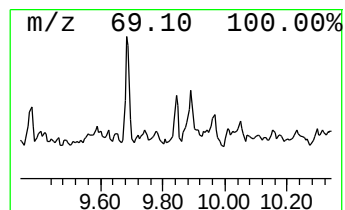
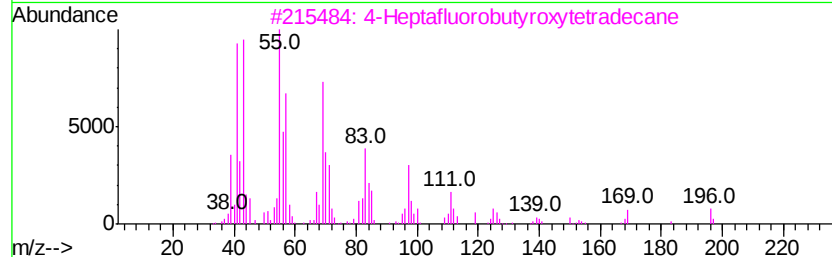
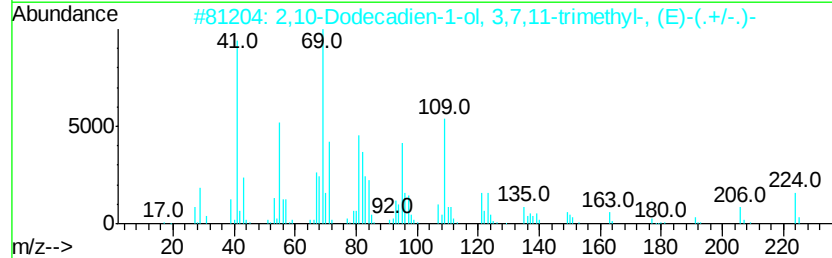
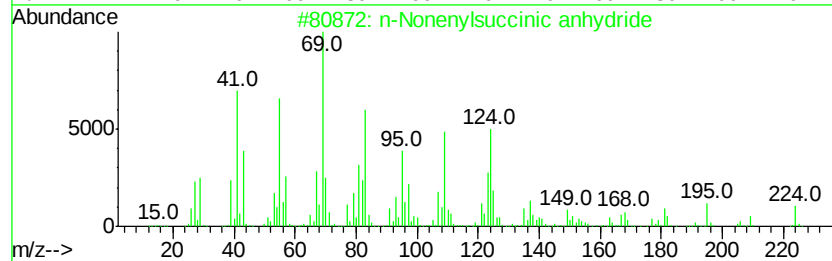
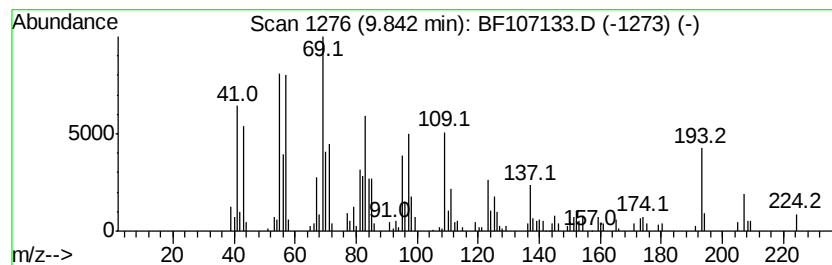
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Nonenylsuccinic anhydride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	4.87 ng	99941	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonenylsuccinic anhydride	224	C13H20O3	028928-97-4	60
2		2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-59-4	55
3		4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	38
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30
5		3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

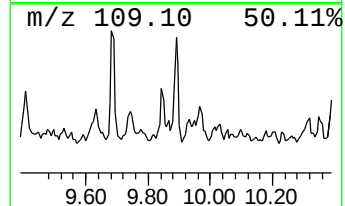
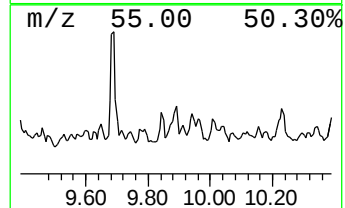
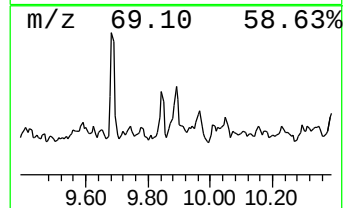
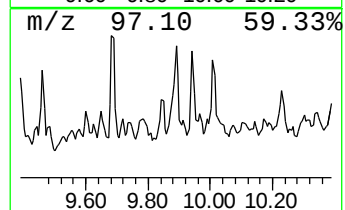
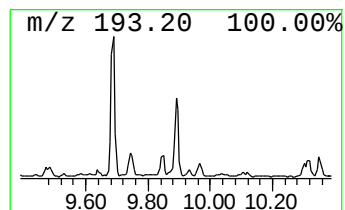
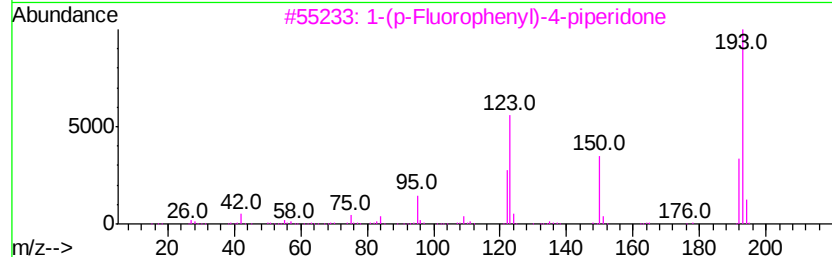
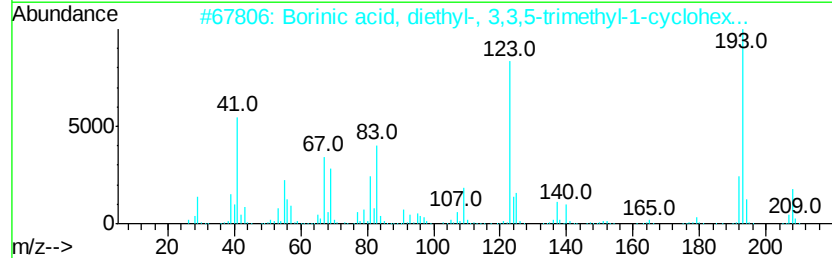
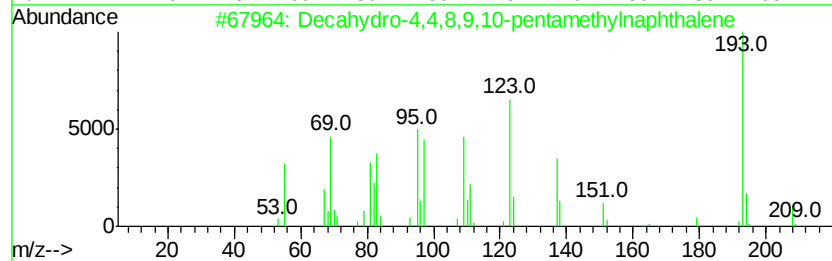
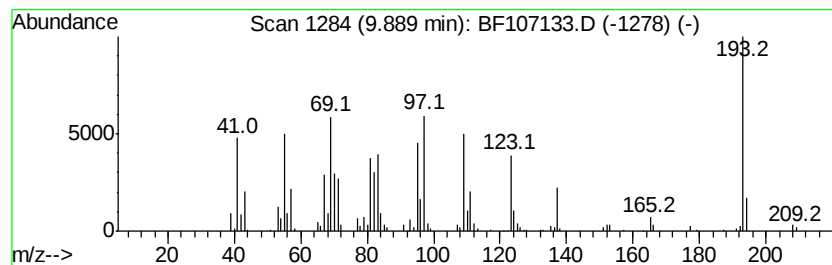
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	7.97 ng	163624	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	74
2		Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	32
4		2-Anthracenamine	193	C14H11N	000613-13-8	25
5		[1,2,4]Triazolo[1,5-a]pyrimidin...	193	C8H11N5O	1000351-50-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

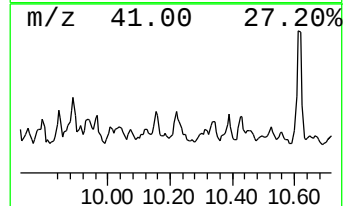
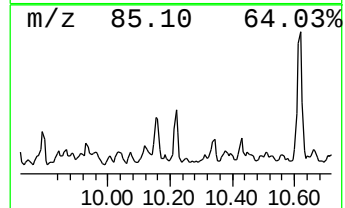
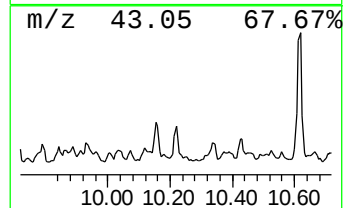
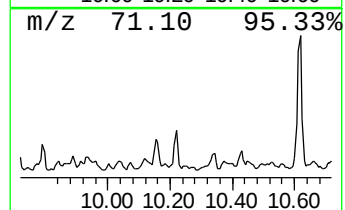
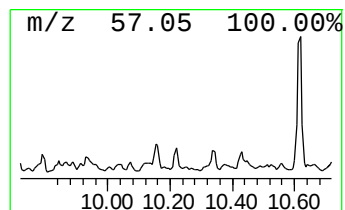
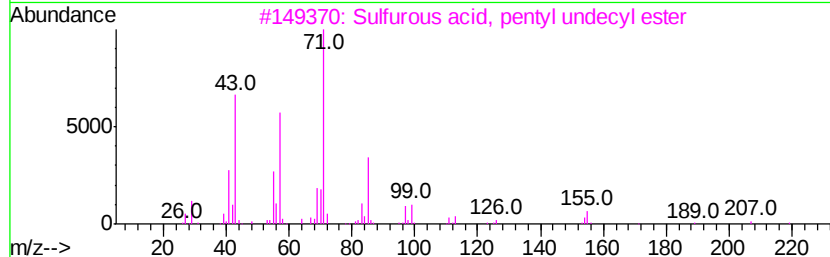
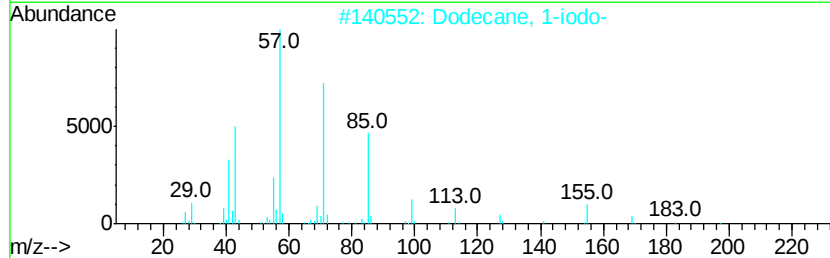
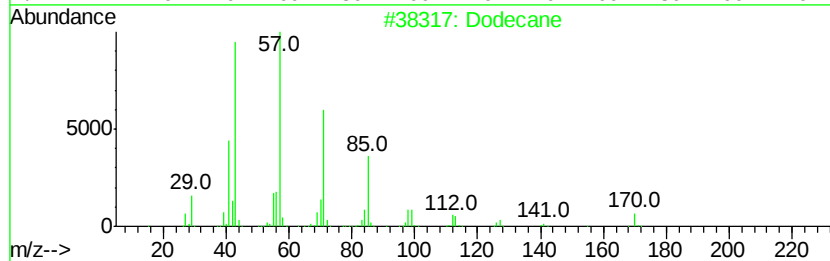
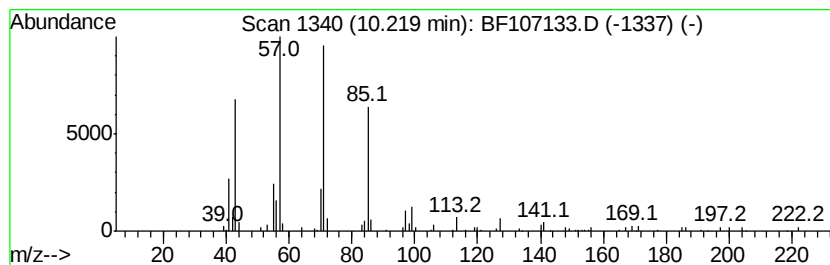
Instrument :
BNA_F
ClientSampleId :
B-9

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 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	9.48 ng	194678	Acenaphthene-d10	9.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane		170 C12H26	000112-40-3 90
2	Dodecane, 1-iodo-		296 C12H25I	004292-19-7 72
3	Sulfurous acid, pentyl undecyl e...		306 C16H34O3S	1000309-14-4 64
4	Sulfurous acid, butyl nonyl ester		264 C13H28O3S	1000309-17-6 64
5	Undecane, 6-ethyl-		184 C13H28	017312-60-6 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

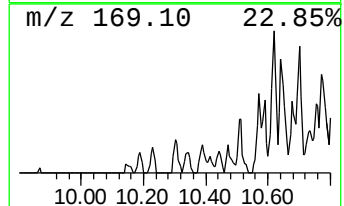
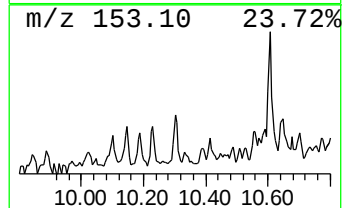
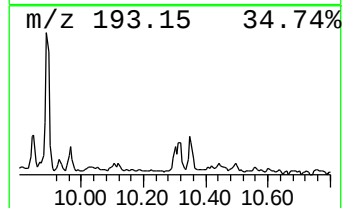
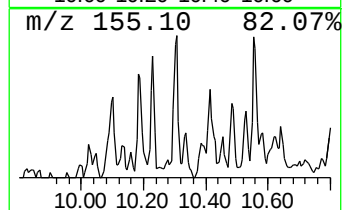
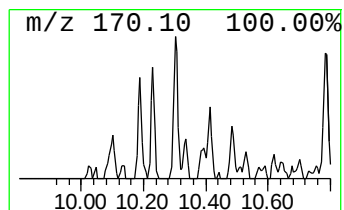
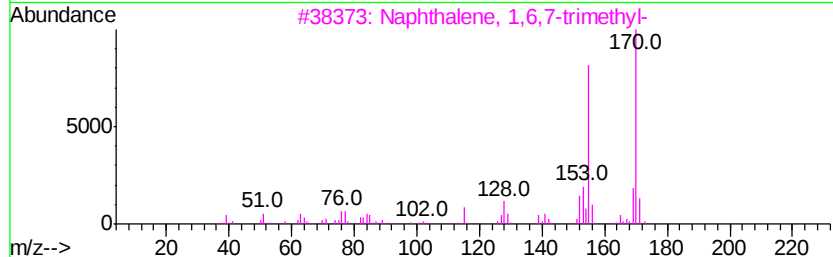
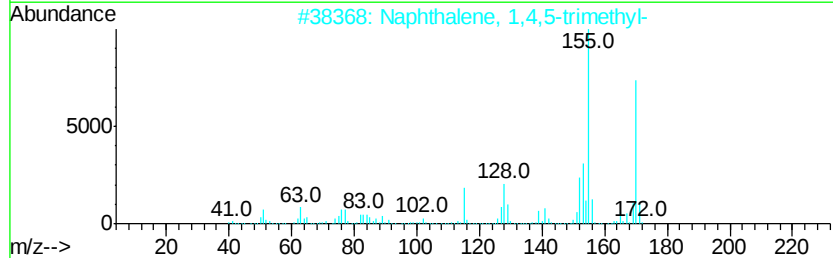
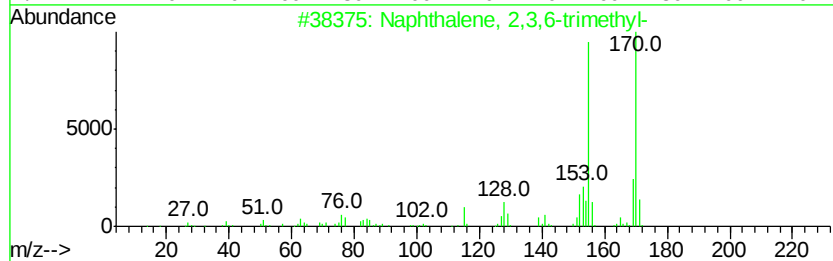
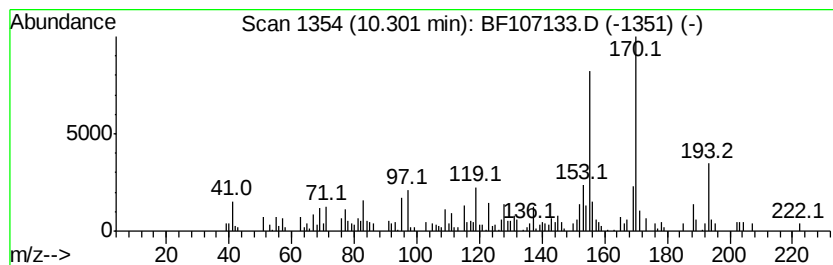
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.82 ng	119613	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

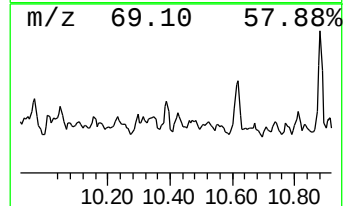
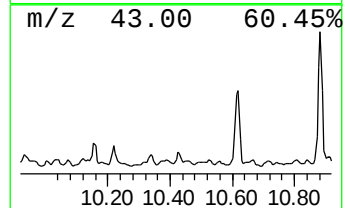
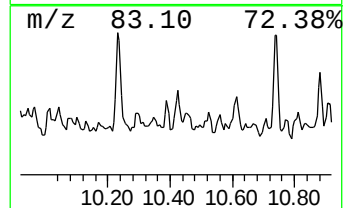
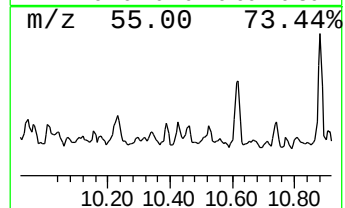
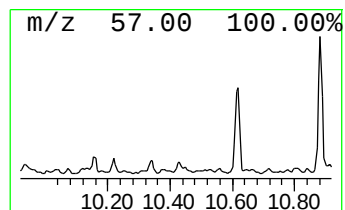
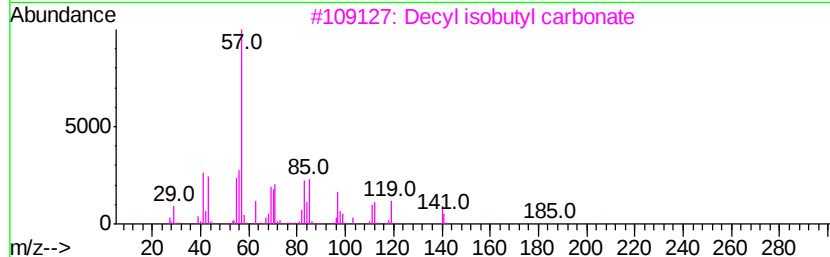
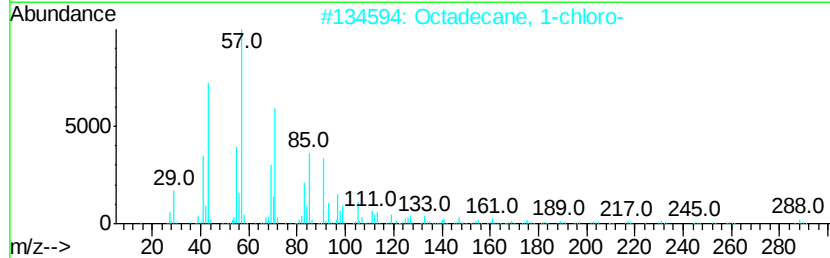
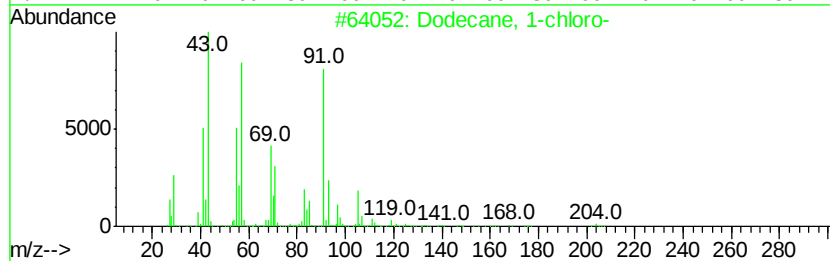
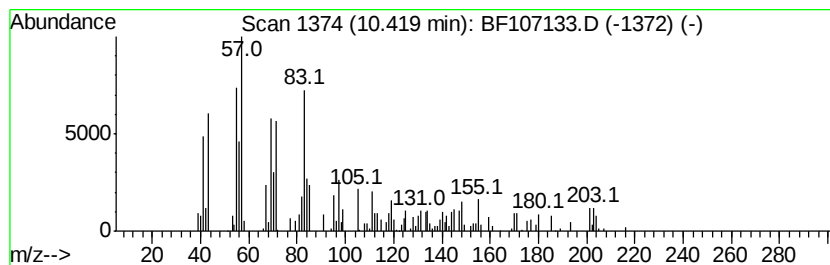
Instrument :
BNA_F
ClientSampleId :
B-9

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 Dodecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	4.71 ng	96736	Acenaphthene-d10	9.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	58
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
3	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	46
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	46
5	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

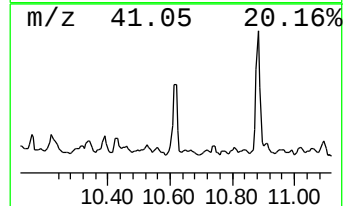
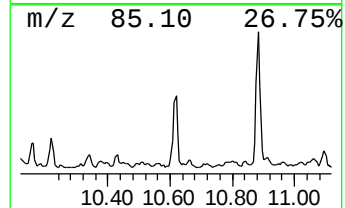
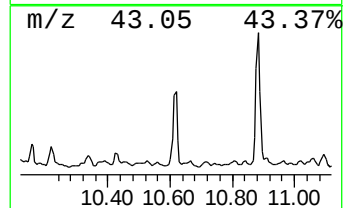
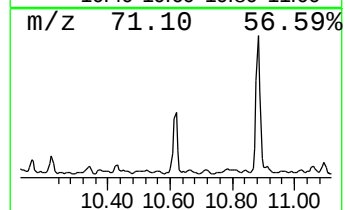
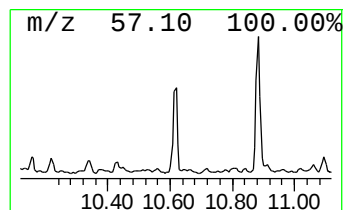
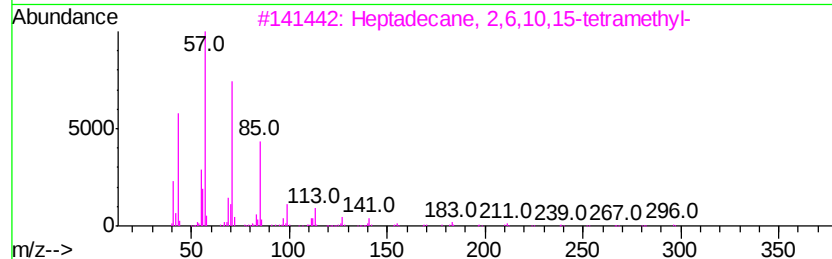
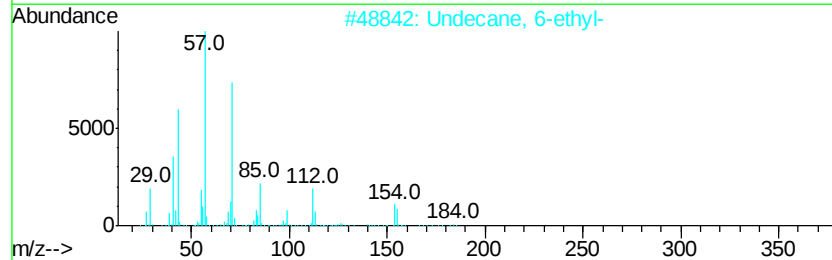
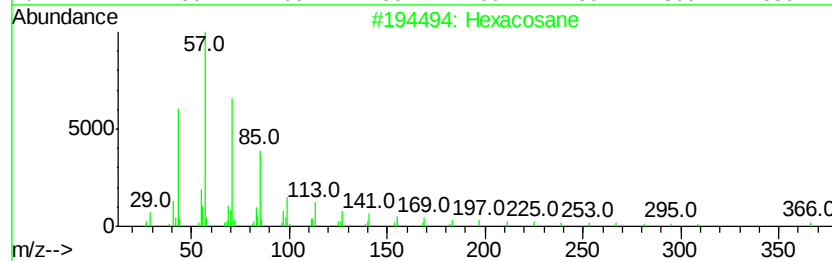
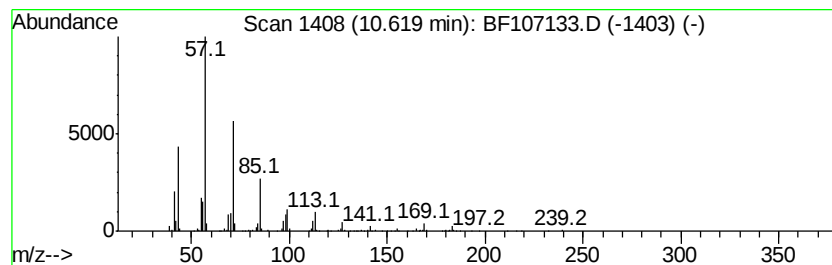
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	19.46 ng	399720	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

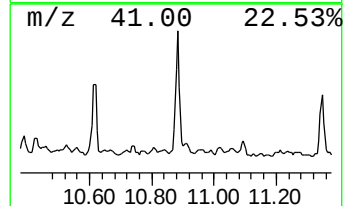
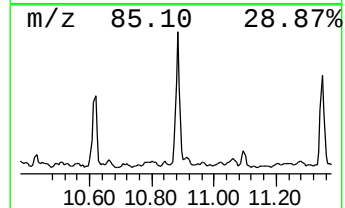
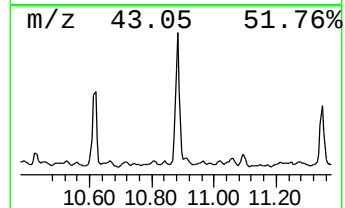
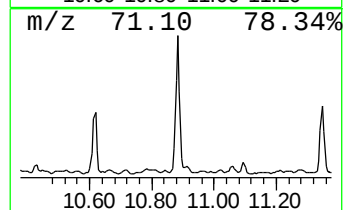
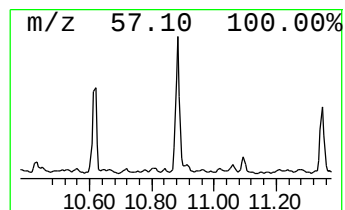
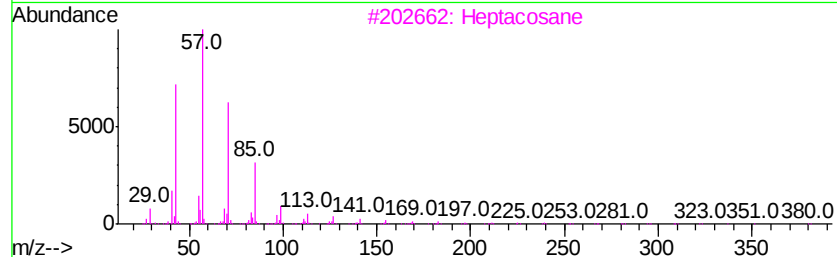
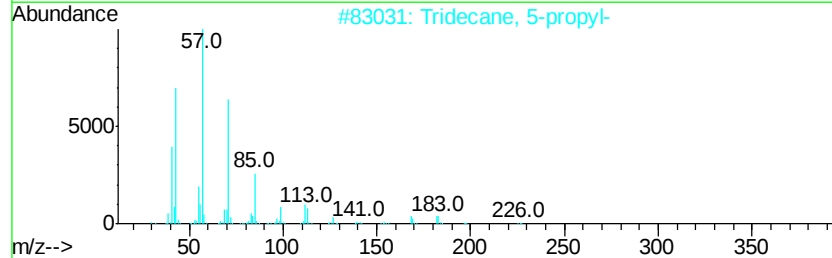
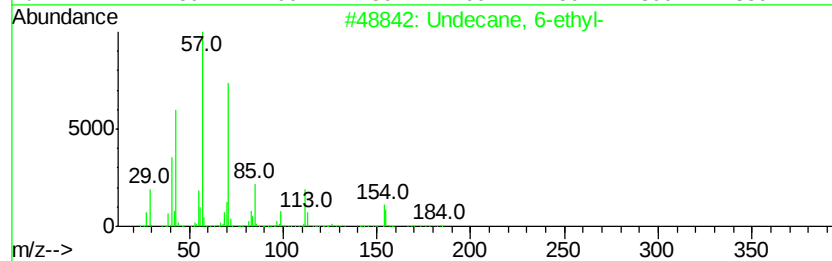
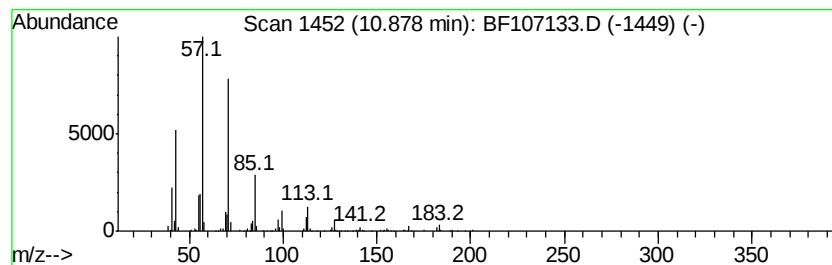
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 6-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	33.40 ng	666043	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

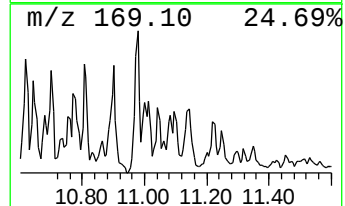
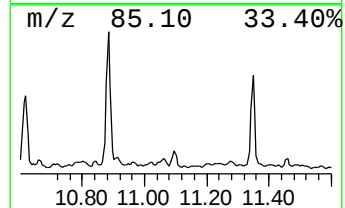
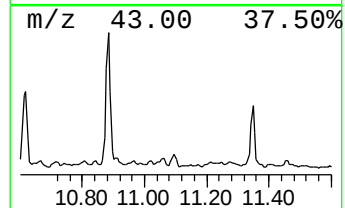
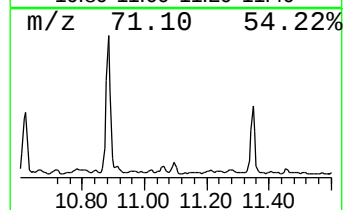
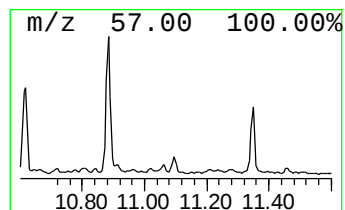
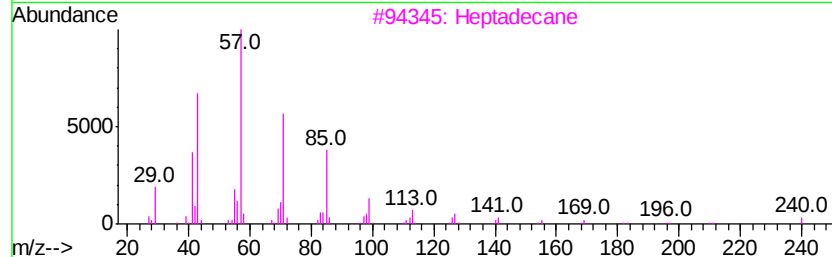
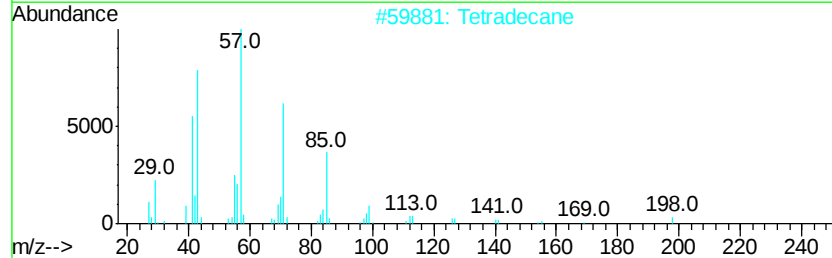
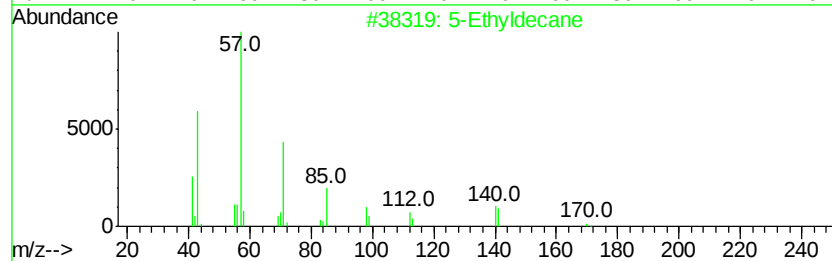
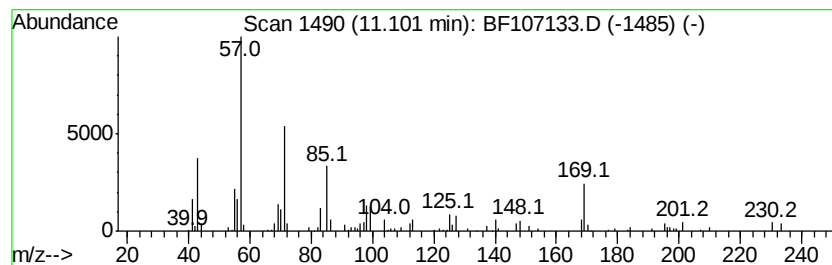
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5-Ethyldecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.27 ng	85224	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Ethyldecane	170	C12H26	017302-36-2	81
2			Tetradecane	198	C14H30	000629-59-4	76
3			Heptadecane	240	C17H36	000629-78-7	59
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
5			Hexatriacontane	507	C36H74	000630-06-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

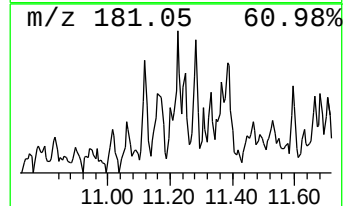
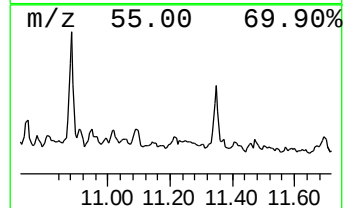
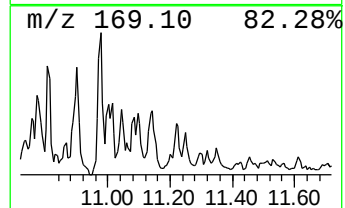
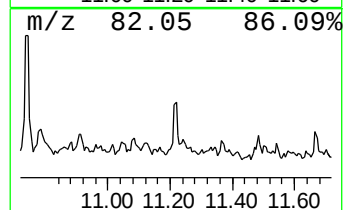
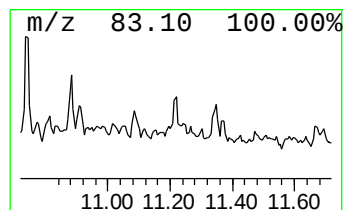
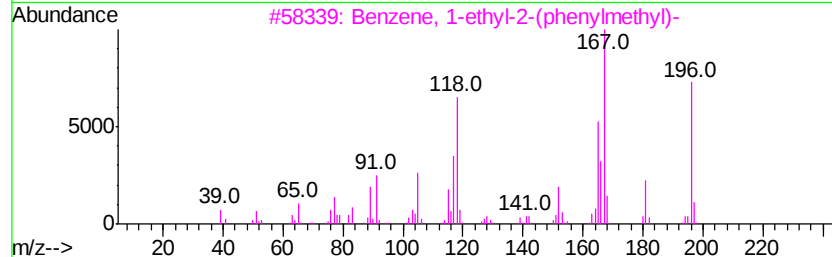
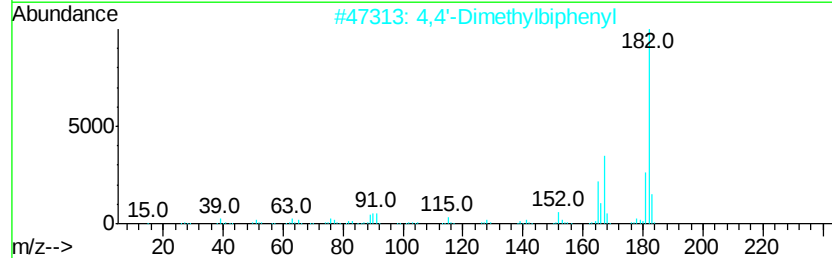
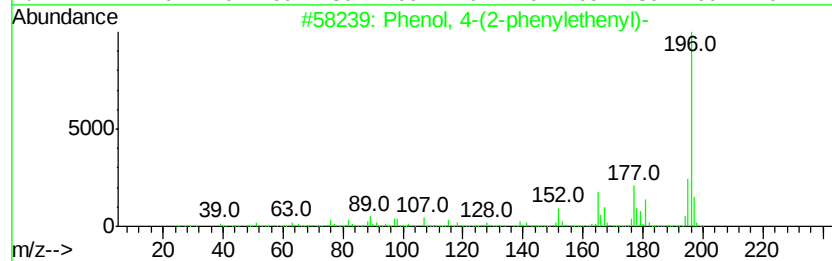
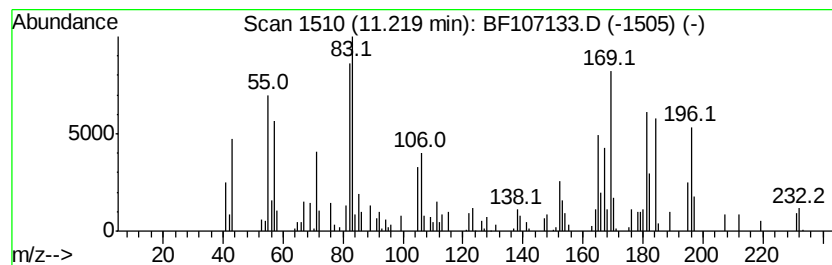
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	5.41 ng	107926	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	45
3			Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	42
4			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	42
5			1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

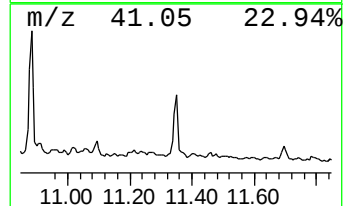
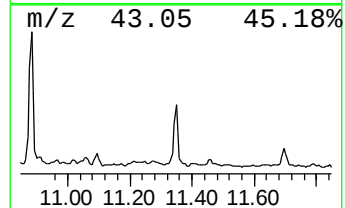
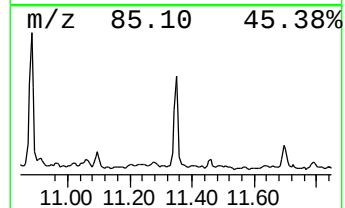
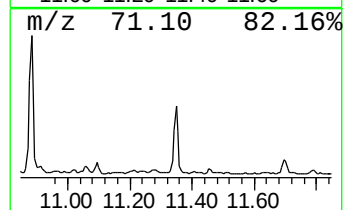
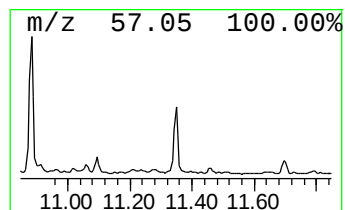
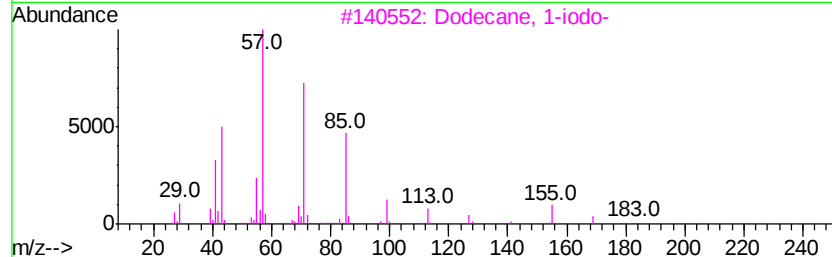
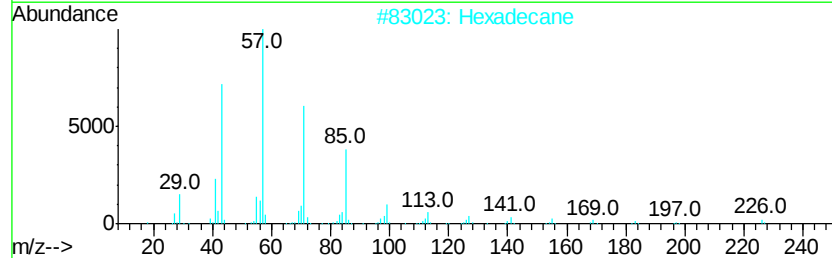
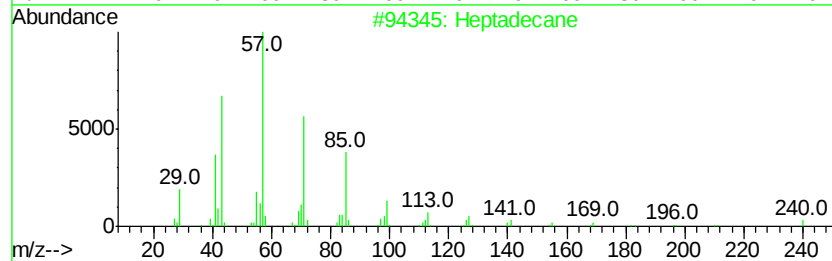
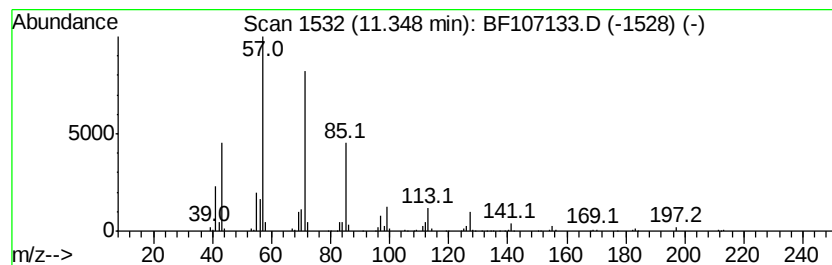
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	15.03 ng	299726	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Pentacosane	352	C25H52	000629-99-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

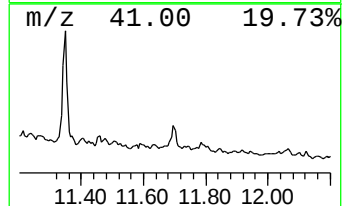
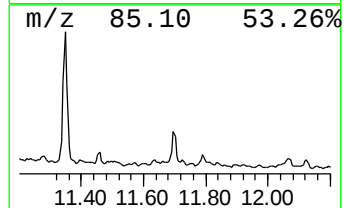
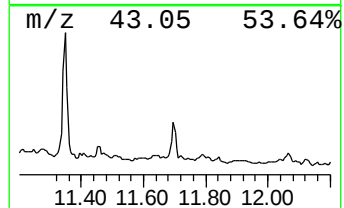
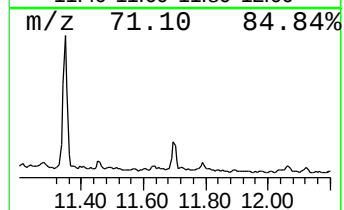
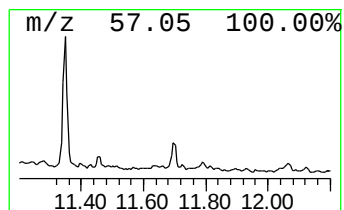
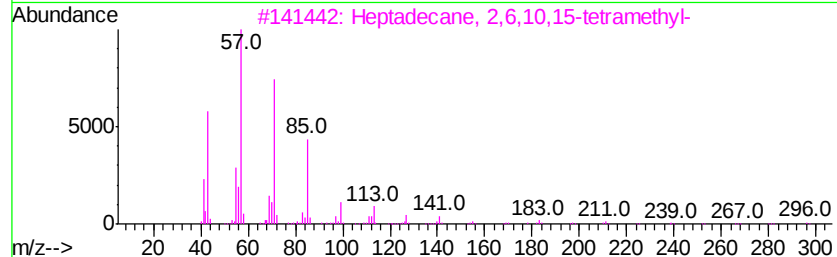
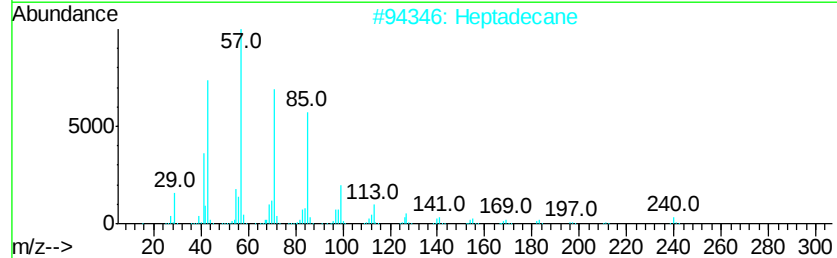
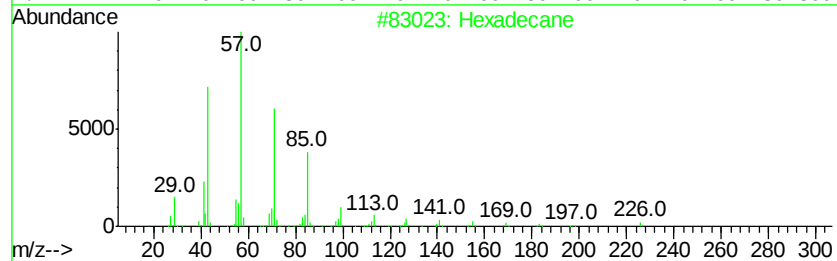
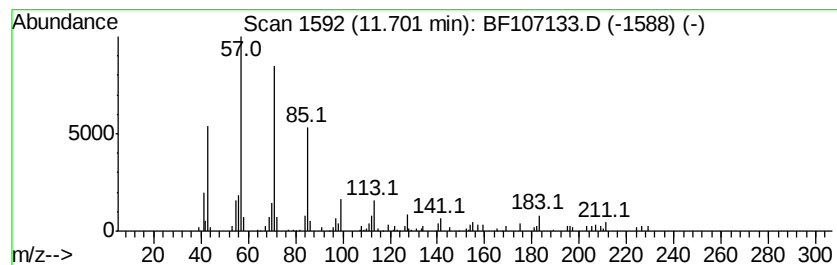
Instrument :
BNA_F
ClientSampleId :
B-9

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 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.70	4.50 ng	89745	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107133.D
Acq On : 5 Jul 2018 18:09
Operator : JU/SJ
Sample : J3853-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-9

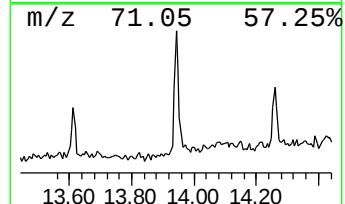
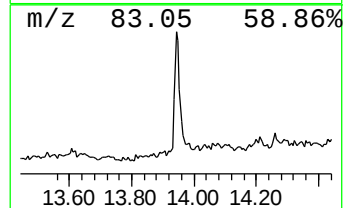
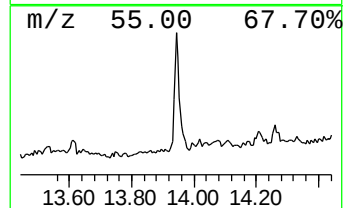
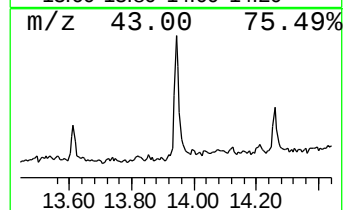
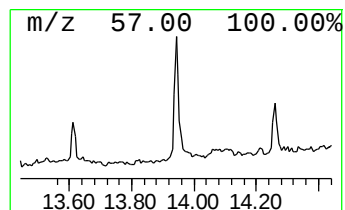
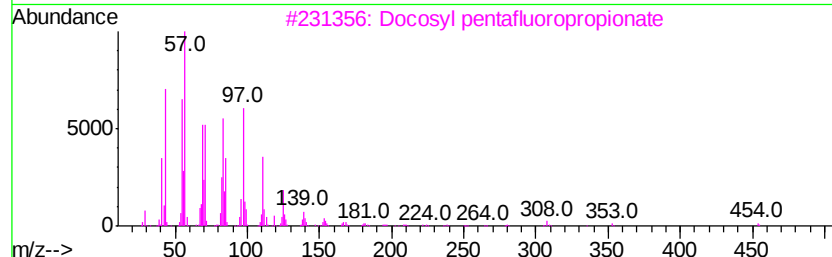
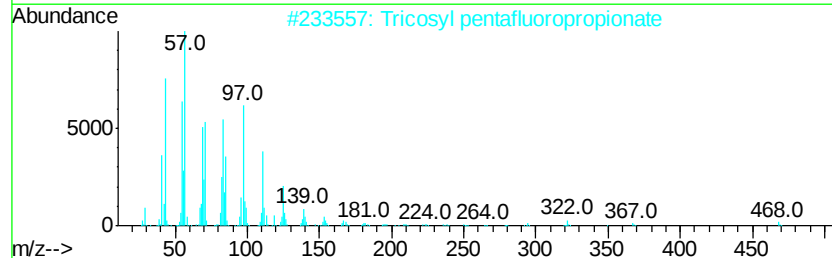
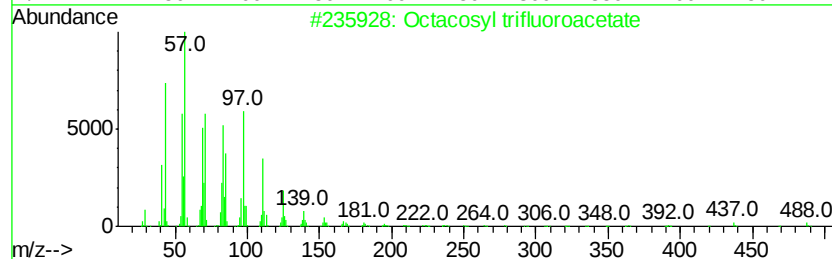
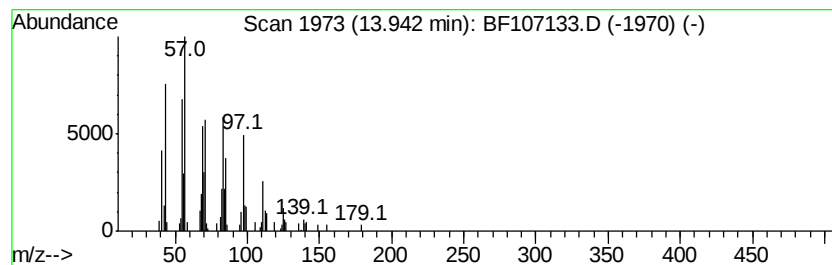
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosyl trifluoroacetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.35 ng	107787	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
2		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
4		Tricosyl heptafluorobutyrte	536	C27H47F7O2	1000351-83-4	87
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107133.D
 Acq On : 5 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3853-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-9

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
2-Pentanone, 4-hy...	5.18	7.5	ng	135199	1	6.95	358088	20.0
unknown6.72	6.72	55.5	ng	992810	1	6.95	358088	20.0
unknown8.51	8.51	4.0	ng	91580	2	8.23	458774	20.0
Octane, 2,6-dimet...	8.63	6.6	ng	151170	2	8.23	458774	20.0
Dodecane, 2,6,10-...	9.23	12.2	ng	250574	3	9.99	410766	20.0
unknown9.38	9.38	7.2	ng	147605	3	9.99	410766	20.0
n-Nonenylsuccinic...	9.84	4.9	ng	99941	3	9.99	410766	20.0
Decahydro-4,4,8,9...	9.89	8.0	ng	163624	3	9.99	410766	20.0
Dodecane	10.22	9.5	ng	194678	3	9.99	410766	20.0
Naphthalene, 2,3,...	10.30	5.8	ng	119613	3	9.99	410766	20.0
Dodecane, 1-chloro-	10.42	4.7	ng	96736	3	9.99	410766	20.0
Hexacosane	10.62	19.5	ng	399720	3	9.99	410766	20.0
Undecane, 6-ethyl-	10.88	33.4	ng	666043	4	11.48	398796	20.0
5-Ethyldecane	11.10	4.3	ng	85224	4	11.48	398796	20.0
unknown11.22	11.22	5.4	ng	107926	4	11.48	398796	20.0
Heptadecane	11.35	15.0	ng	299726	4	11.48	398796	20.0
Hexadecane	11.70	4.5	ng	89745	4	11.48	398796	20.0
Octacosyl trifluo...	13.94	5.3	ng	107787	5	14.14	403084	20.0