

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPC-BOT-N

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-BF120619.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	2.122	3	6	18	rVB	288866	361433	14.36%	1.078%
2	5.075	504	508	517	rVB	352765	409524	16.27%	1.221%
3	5.487	573	578	581	rBV	1922404	1836557	72.97%	5.477%
4	6.404	730	734	739	rBV3	38039	45952	1.83%	0.137%
5	6.498	745	750	753	rBV	2196437	1933895	76.84%	5.767%
6	6.639	766	774	777	rBV	2390629	2180415	86.64%	6.502%
7	6.834	801	807	809	rBV4	36491	44396	1.76%	0.132%
8	6.869	809	813	817	rVV	741892	628262	24.96%	1.873%
9	7.022	831	839	843	rBV	1910581	1729465	68.72%	5.157%
10	7.139	854	859	864	rBV2	124088	128994	5.13%	0.385%
11	7.292	882	885	892	rVB4	76745	90409	3.59%	0.270%
12	7.392	897	902	905	rBV2	120962	182369	7.25%	0.544%
13	7.428	905	908	918	rVB	1252399	1357476	53.94%	4.048%
14	7.510	918	922	925	rBV2	81709	98250	3.90%	0.293%
15	7.651	943	946	948	rBV2	51714	37843	1.50%	0.113%
16	7.675	948	950	956	rVB5	94171	105387	4.19%	0.314%
17	7.733	956	960	961	rBV	81589	84360	3.35%	0.252%
18	7.792	967	970	973	rBV2	250479	225298	8.95%	0.672%
19	7.916	988	991	993	rBV2	60318	56035	2.23%	0.167%
20	7.981	998	1002	1007	rVB6	48405	77610	3.08%	0.231%
21	8.028	1007	1010	1012	rBV2	94864	113334	4.50%	0.338%
22	8.057	1013	1015	1020	rVB4	88550	114845	4.56%	0.342%
23	8.098	1020	1022	1023	rBV2	47072	34666	1.38%	0.103%
24	8.151	1026	1031	1035	rVB	881111	958064	38.07%	2.857%
25	8.210	1035	1041	1044	rBV	189158	192327	7.64%	0.574%
26	8.239	1044	1046	1048	rBV	96150	75085	2.98%	0.224%
27	8.298	1054	1056	1058	rBV3	47980	48240	1.92%	0.144%
28	8.328	1059	1061	1064	rVB2	90079	65933	2.62%	0.197%
29	8.357	1064	1066	1069	rBV	264435	206475	8.20%	0.616%
30	8.386	1069	1071	1074	rBV2	51878	50807	2.02%	0.152%
31	8.433	1074	1079	1080	rBV2	112450	141770	5.63%	0.423%
32	8.504	1088	1091	1095	rBV3	74056	88512	3.52%	0.264%
33	8.539	1095	1097	1100	rVB2	63063	55483	2.20%	0.165%
34	8.575	1100	1103	1105	rBV	273042	232823	9.25%	0.694%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPC-BOT-N

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-BF120619.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.598	1105	1107	1108	rVV	158440	113275	4.50%	0.338%
36	8.616	1108	1110	1114	rVB2	183737	170519	6.78%	0.508%
37	8.663	1115	1118	1120	rBV	183975	152705	6.07%	0.455%
38	8.698	1120	1124	1129	rBV4	416351	440145	17.49%	1.313%
39	8.780	1135	1138	1141	rBV5	83478	119856	4.76%	0.357%
40	8.810	1141	1143	1145	rVV3	118086	108705	4.32%	0.324%
41	8.839	1145	1148	1152	rVV4	123514	174196	6.92%	0.519%
42	8.904	1156	1159	1161	rVB2	189851	152692	6.07%	0.455%
43	8.933	1161	1164	1168	rBV3	124188	157617	6.26%	0.470%
44	9.039	1178	1182	1184	rBV3	140664	175021	6.95%	0.522%
45	9.116	1192	1195	1198	rBV4	86956	117083	4.65%	0.349%
46	9.151	1198	1201	1203	rVV2	328627	253055	10.05%	0.755%
47	9.175	1203	1205	1211	rVB	503480	444907	17.68%	1.327%
48	9.233	1211	1215	1218	rBV	2998423	2516754	100.00%	7.505%
49	9.316	1225	1229	1233	rBV2	647293	762040	30.28%	2.272%
50	9.622	1278	1281	1286	rBV2	1112669	1293757	51.41%	3.858%
51	9.680	1289	1291	1295	rVB	203034	195465	7.77%	0.583%
52	9.780	1305	1308	1311	rBV2	442351	460507	18.30%	1.373%
53	9.827	1313	1316	1319	rVB	798514	651836	25.90%	1.944%
54	9.863	1320	1322	1324	rBV2	124580	128206	5.09%	0.382%
55	9.916	1325	1331	1335	rVB2	1103457	1246581	49.53%	3.717%
56	9.963	1335	1339	1342	rBV2	156540	245034	9.74%	0.731%
57	10.169	1372	1374	1377	rVB2	164425	136789	5.44%	0.408%
58	10.257	1387	1389	1392	rVB3	134540	111378	4.43%	0.332%
59	10.286	1392	1394	1397	rVB2	170517	144607	5.75%	0.431%
60	10.327	1398	1401	1404	rBV	406804	342312	13.60%	1.021%
61	10.563	1439	1441	1445	rVB	288453	286060	11.37%	0.853%
62	10.710	1462	1466	1471	rBV	1511693	1493775	59.35%	4.454%
63	10.833	1483	1487	1490	rBV	872773	786387	31.25%	2.345%
64	11.298	1563	1566	1574	rVB	667984	640032	25.43%	1.909%
65	11.410	1582	1585	1589	rVB	864463	694183	27.58%	2.070%
66	11.651	1623	1626	1629	rVB	150415	157318	6.25%	0.469%
67	11.933	1671	1674	1683	rVB	334164	389865	15.49%	1.163%
68	12.716	1805	1807	1815	rVB3	98460	133223	5.29%	0.397%
69	12.998	1851	1855	1858	rBV	2251929	1861537	73.97%	5.551%
70	13.892	2003	2007	2017	rVB	250023	308978	12.28%	0.921%
71	14.057	2031	2035	2046	rVB	685464	625140	24.84%	1.864%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.215	2059	2062	2071	rVB	37790	40445	1.61%	0.121%
73	14.521	2111	2114	2120	rBV3	58344	72497	2.88%	0.216%
74	14.833	2163	2167	2170	rBV	62070	62953	2.50%	0.188%
75	15.174	2222	2225	2229	rBV	65504	79592	3.16%	0.237%
76	15.551	2283	2289	2299	rBV	611325	854777	33.96%	2.549%
77	16.015	2363	2368	2373	rBV2	54831	81345	3.23%	0.243%
78	16.074	2373	2378	2384	rBV4	41135	89220	3.55%	0.266%
79	16.533	2450	2456	2460	rBV3	37758	69570	2.76%	0.207%

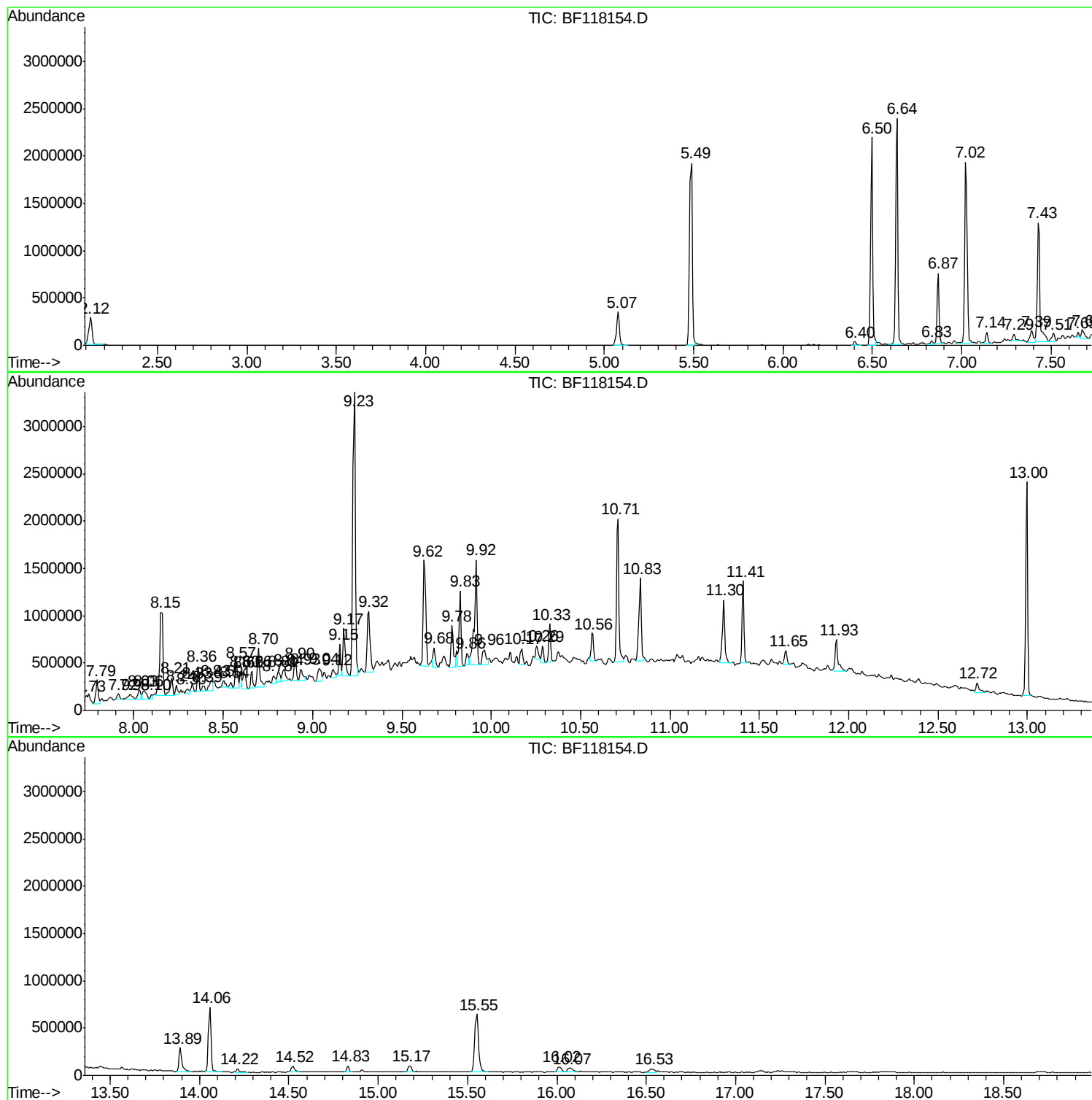
Sum of corrected areas: 33534233

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.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\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

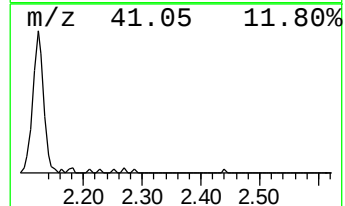
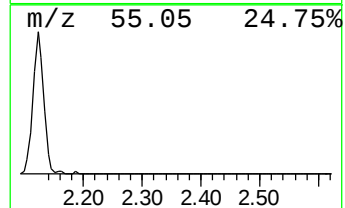
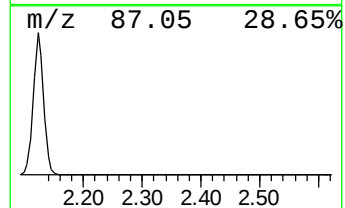
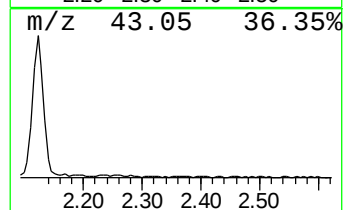
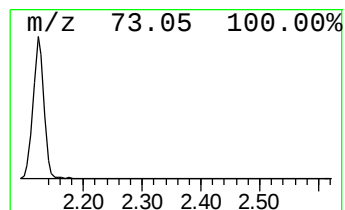
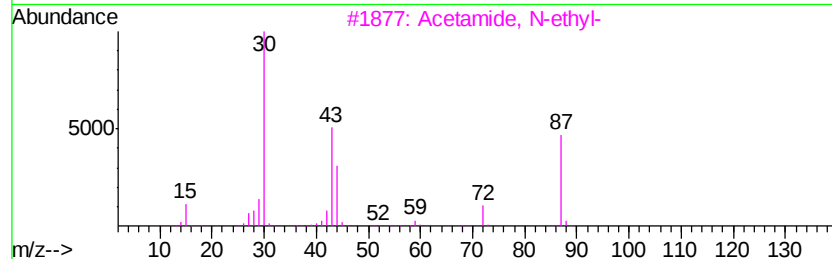
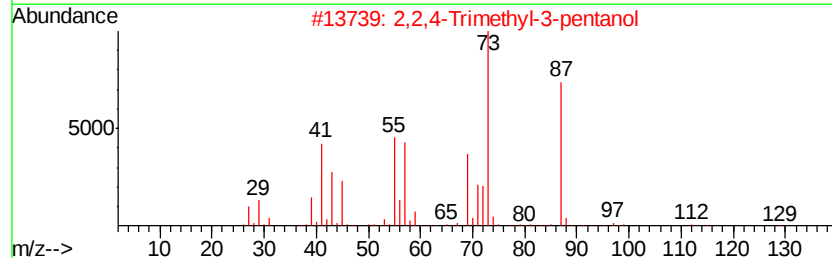
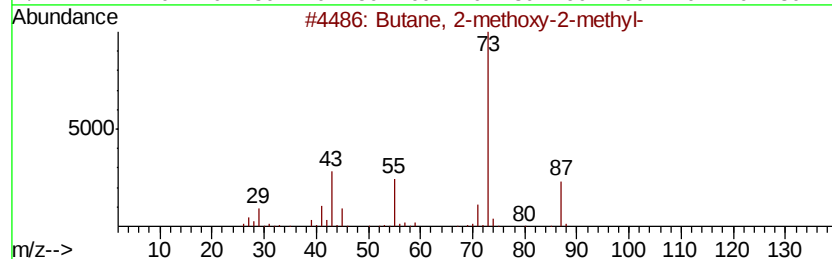
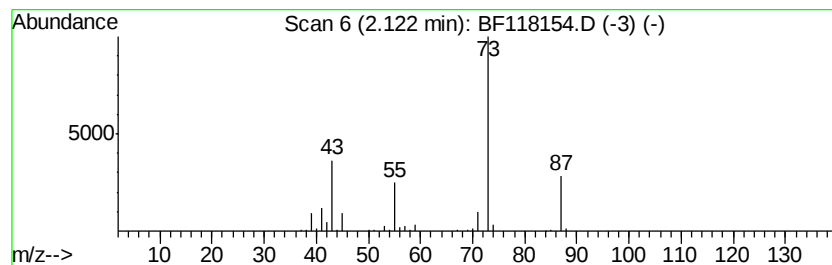
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	11.51 ng	361433	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPC-BOT-N

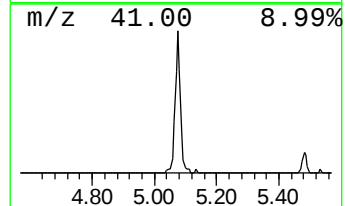
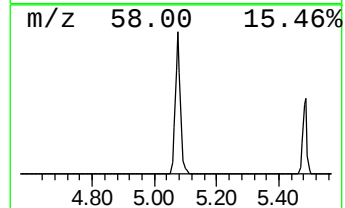
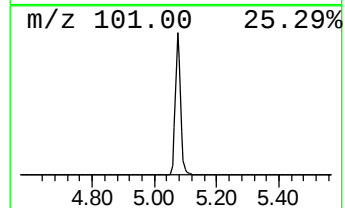
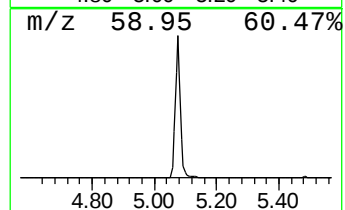
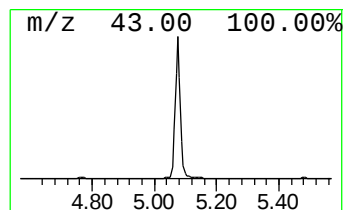
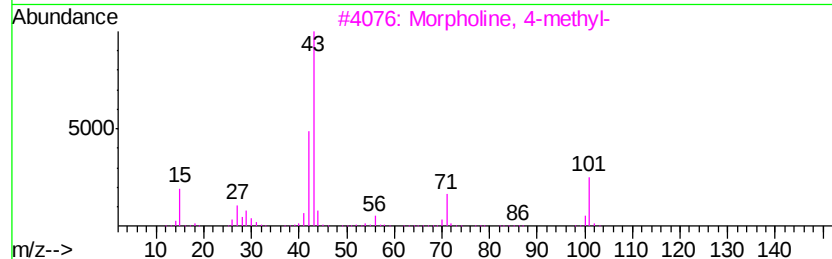
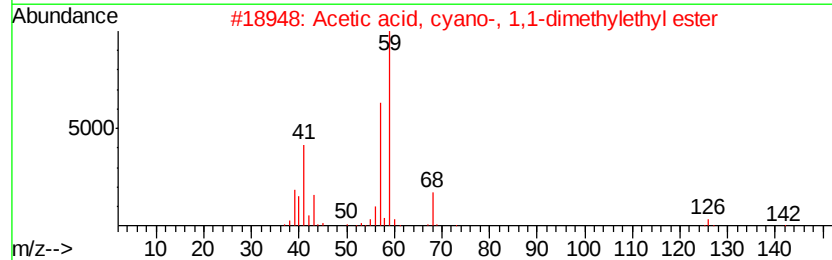
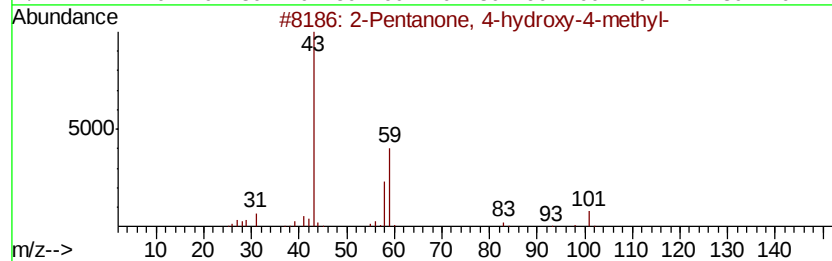
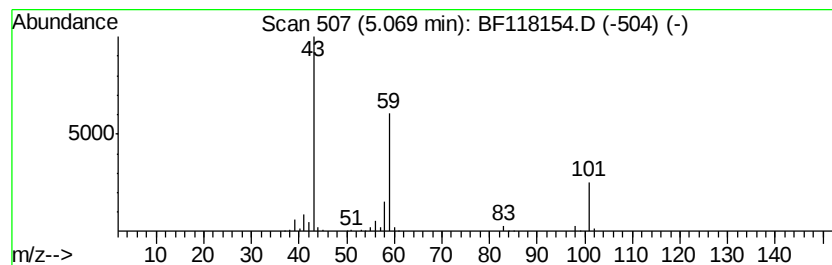
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	13.04 ng	409524	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

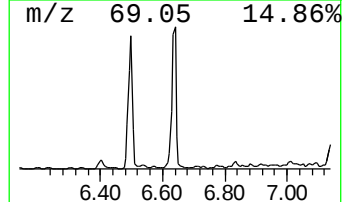
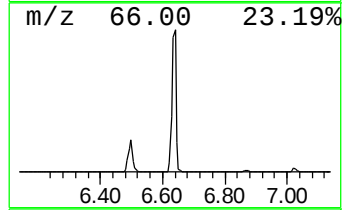
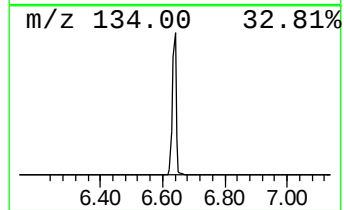
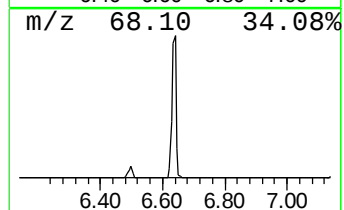
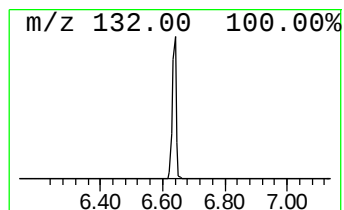
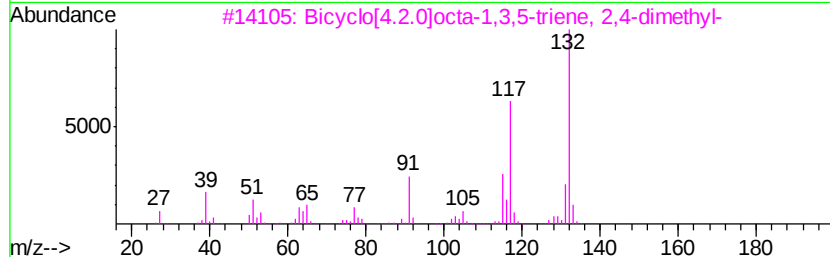
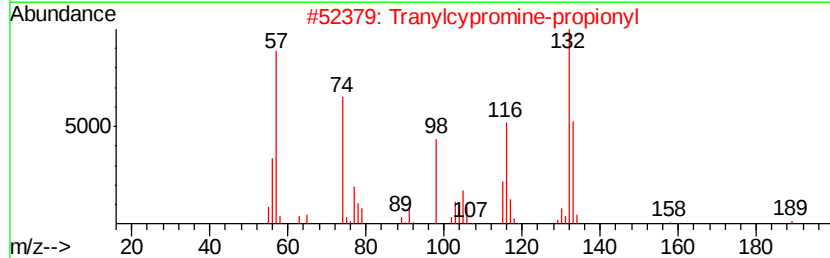
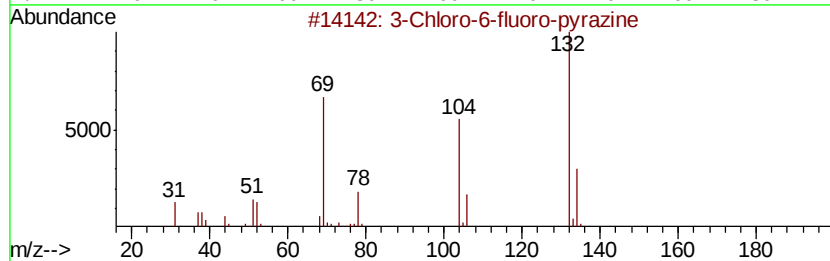
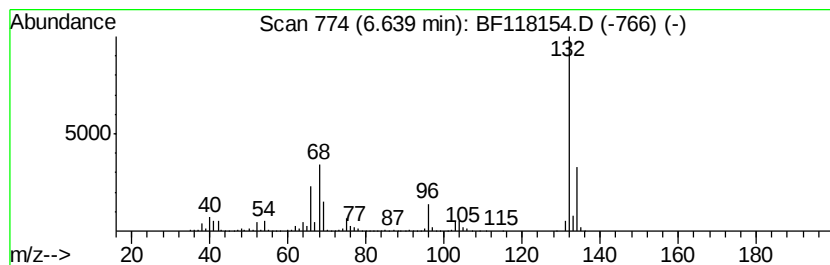
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	69.41 ng	2180420	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RPC-BOT-N

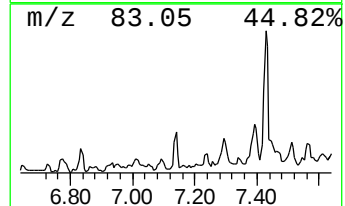
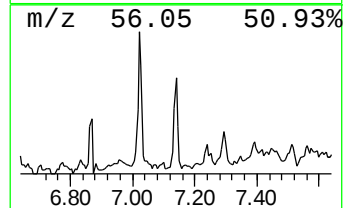
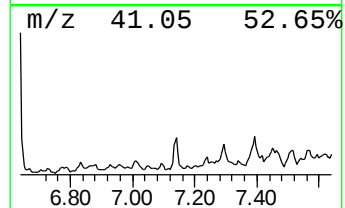
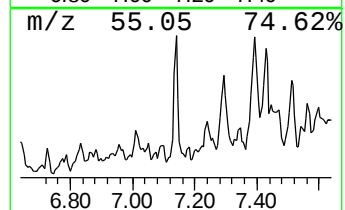
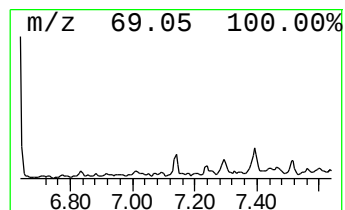
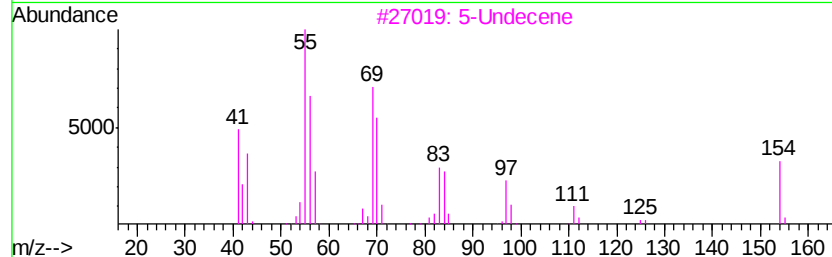
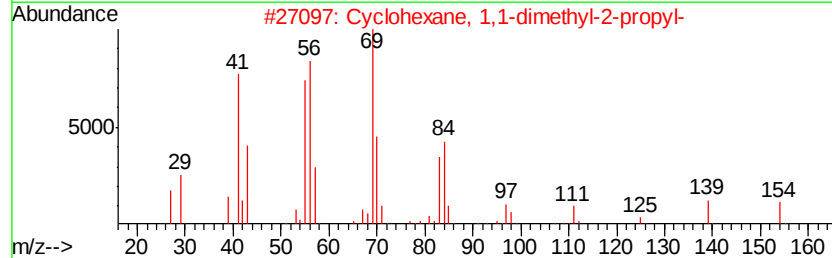
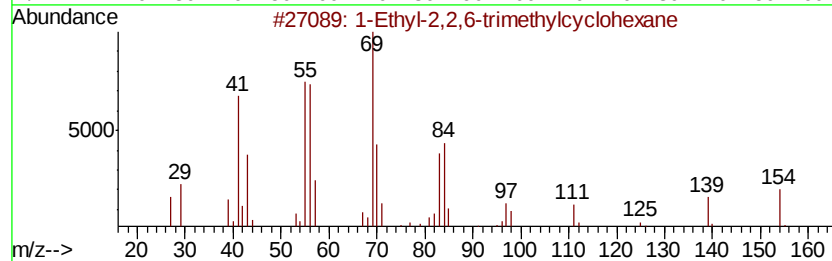
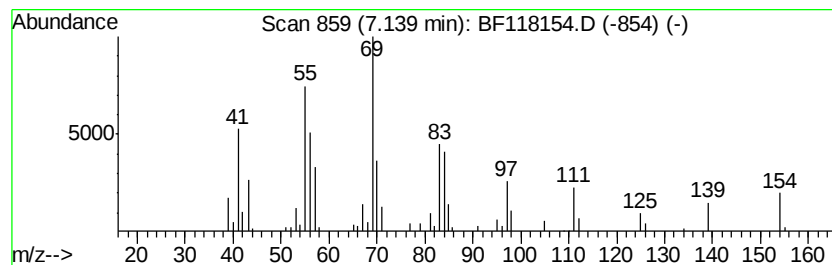
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	4.11 ng	128994	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	94
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
3		5-Undecene	154	C11H22	004941-53-1	72
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
5		1-Decene, 5-methyl-	154	C11H22	054244-79-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

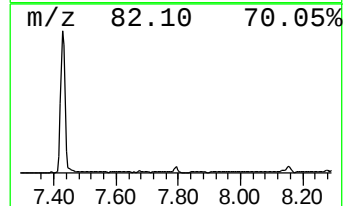
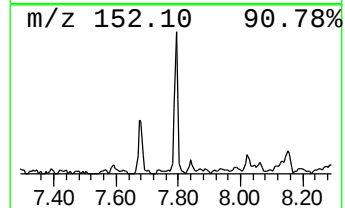
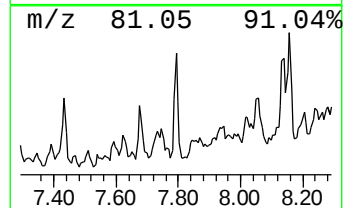
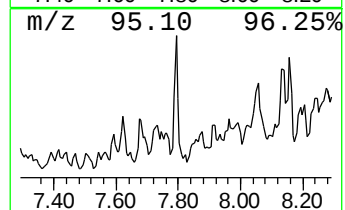
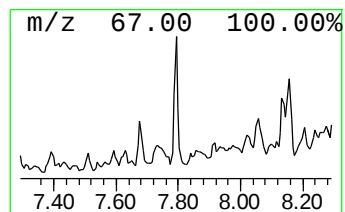
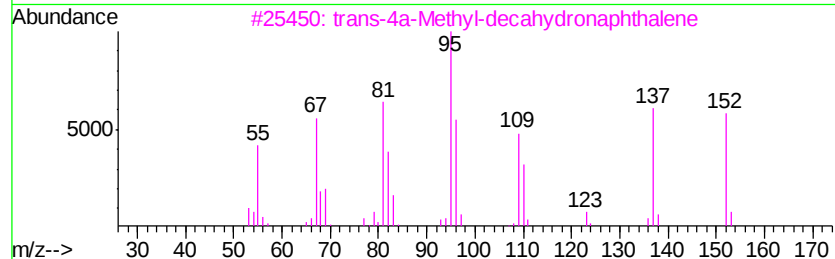
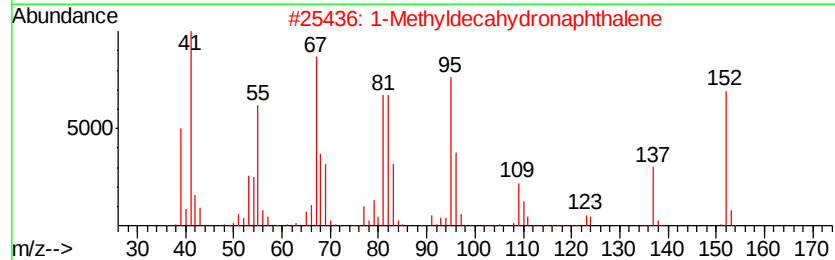
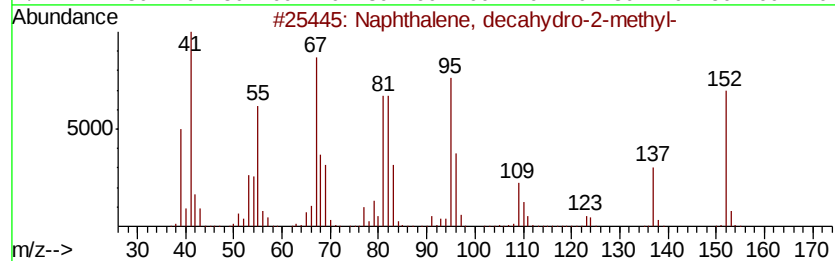
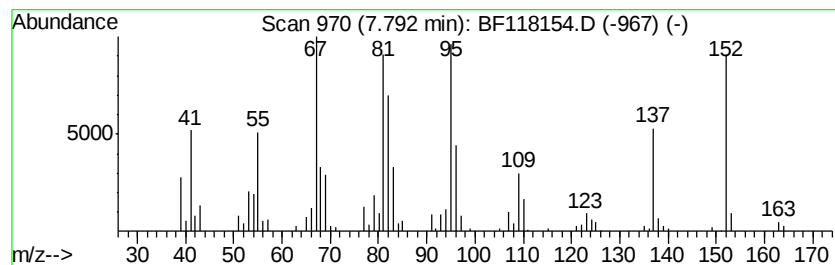
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.70 ng	225298	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

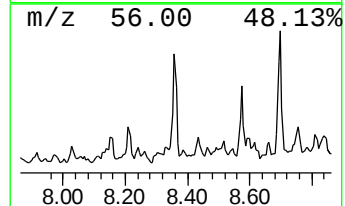
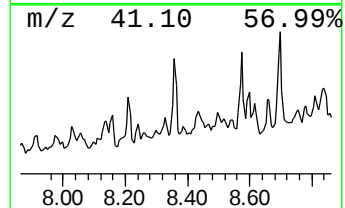
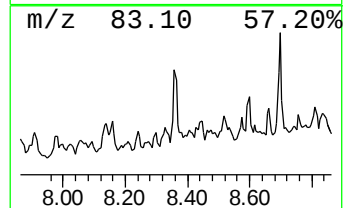
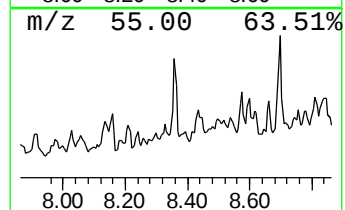
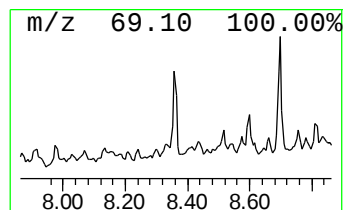
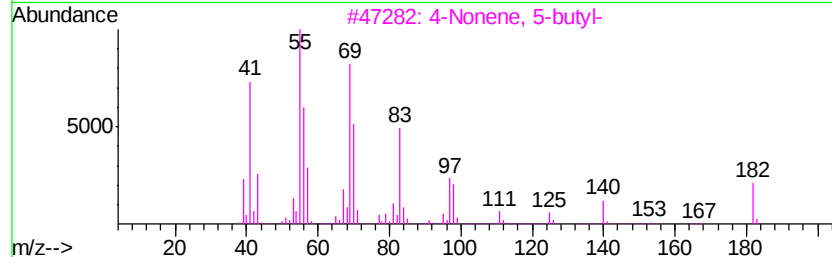
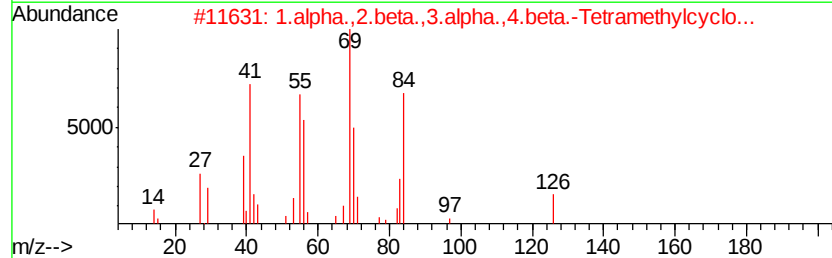
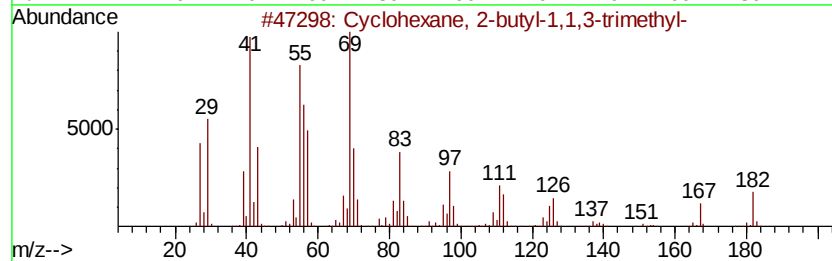
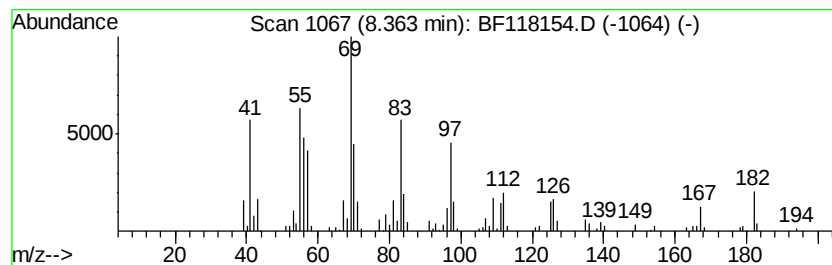
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	4.31 ng	206475	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	64
3		4-Nonene, 5-butyl-	182	C13H26	007367-38-6	55
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	52
5		6-Tridecene	182	C13H26	024949-38-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

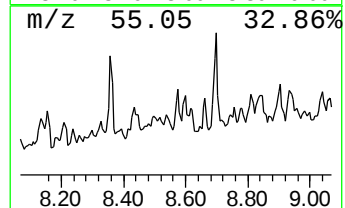
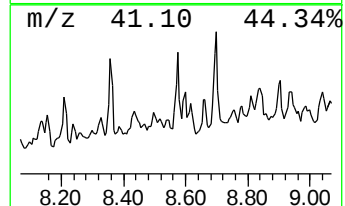
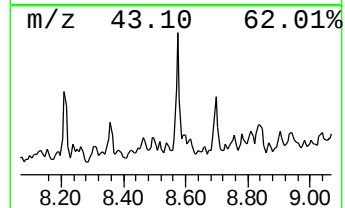
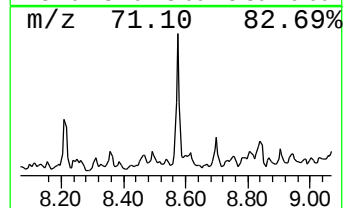
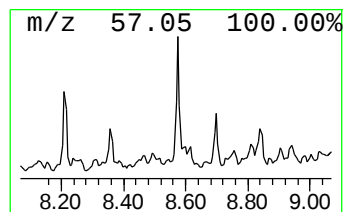
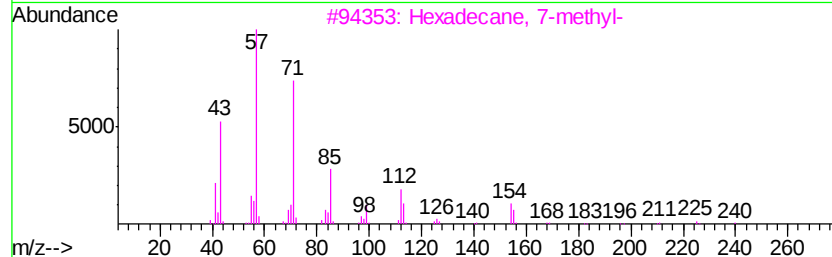
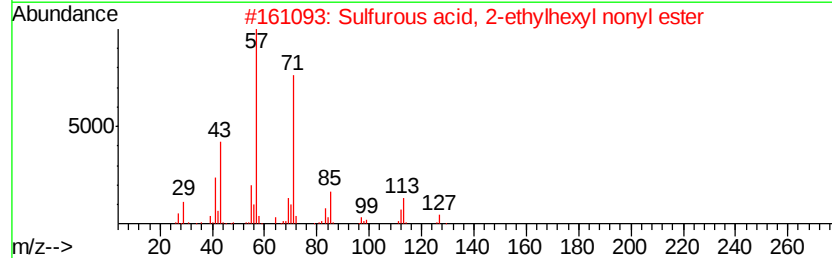
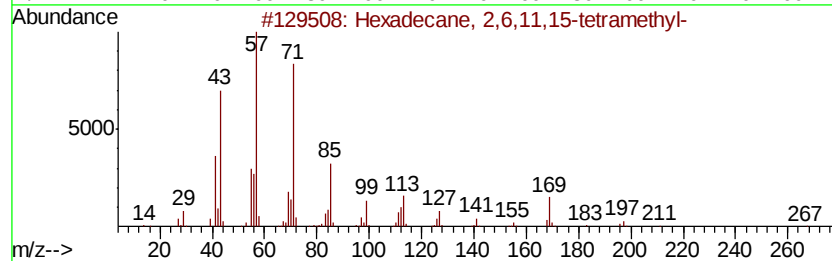
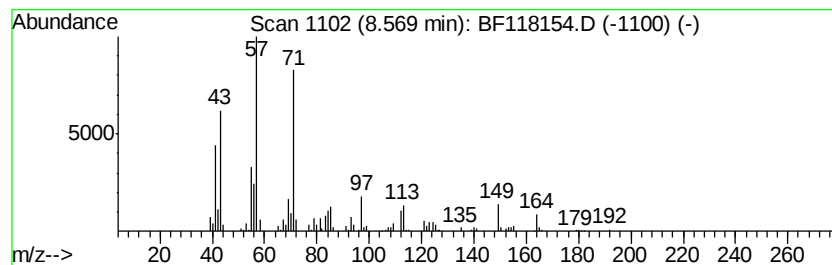
Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 2,6,11,15-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.57	4.86 ng	232823	Naphthalene-d8	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

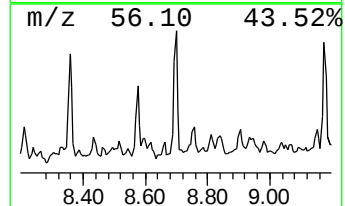
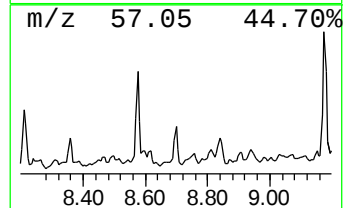
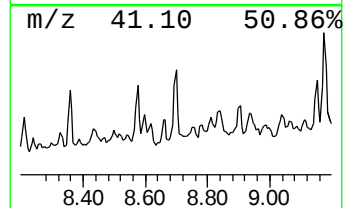
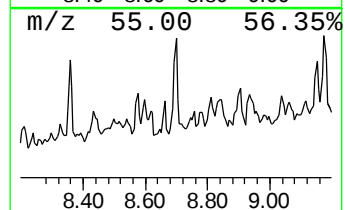
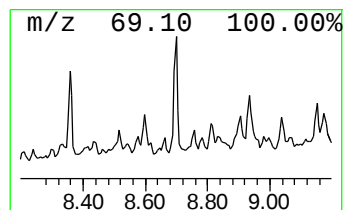
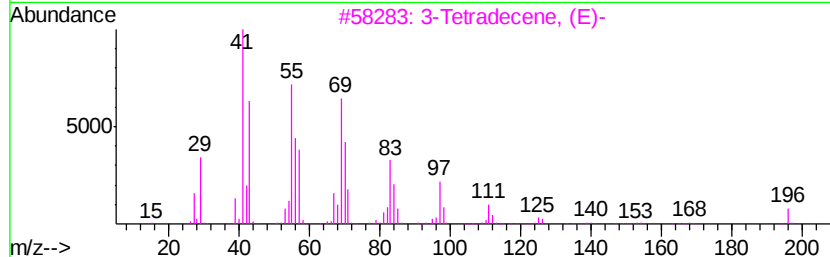
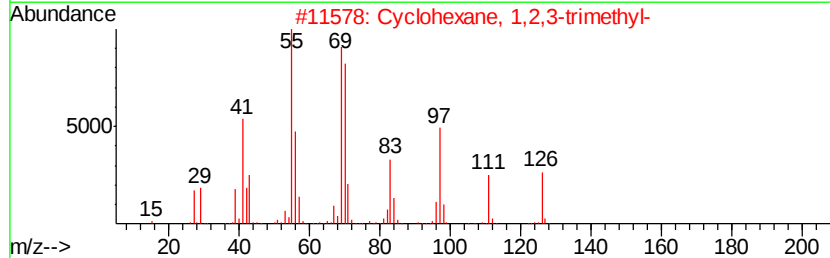
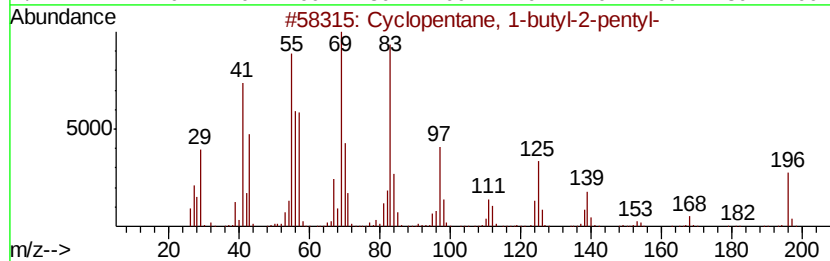
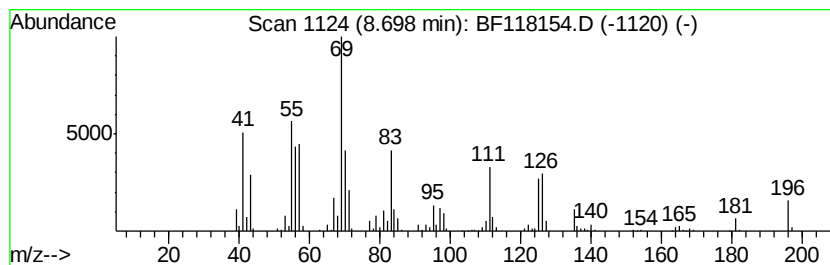
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentane, 1-butyl-2-pen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	9.19 ng	440145	Naphthalene-d8	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	62
2			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
3			3-Tetradecene, (E)-	196	C14H28	041446-68-8	55
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
5			6-Tetradecene, (E)-	196	C14H28	041446-64-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

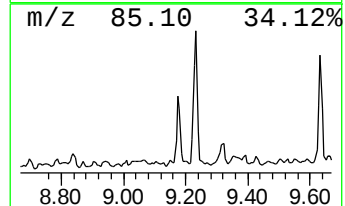
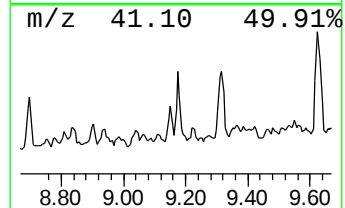
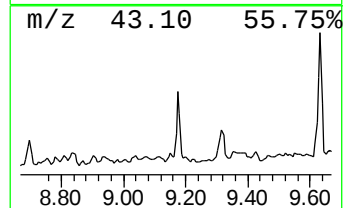
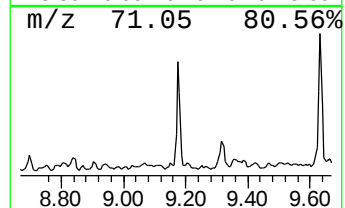
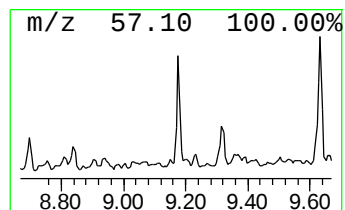
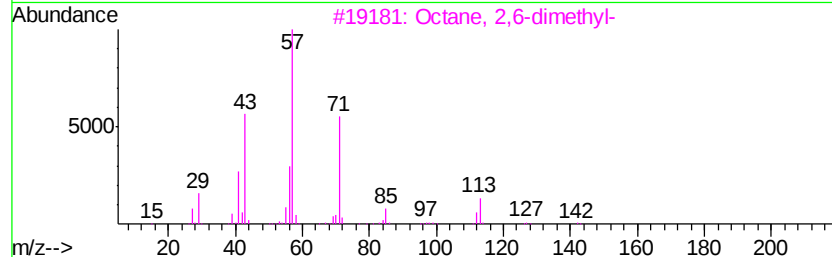
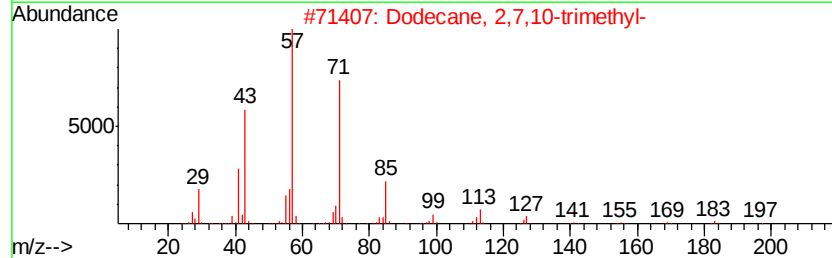
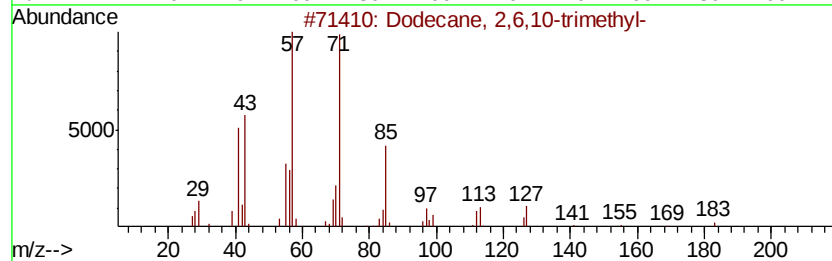
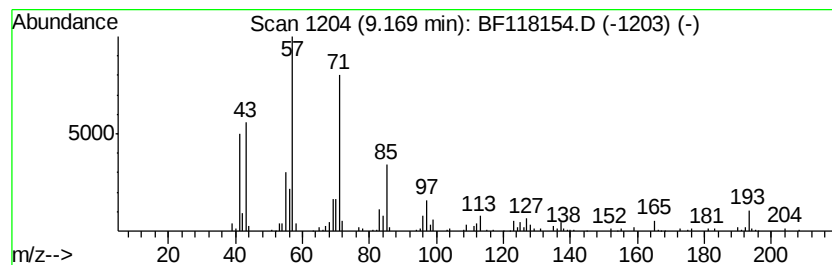
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	7.14 ng	444907	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

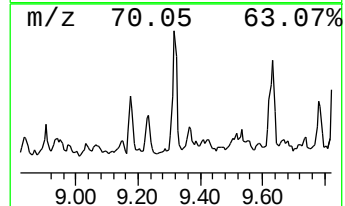
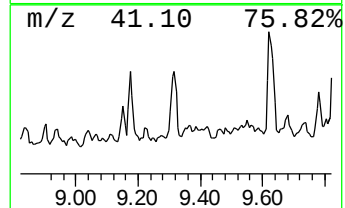
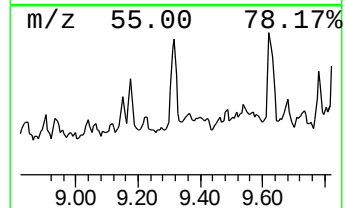
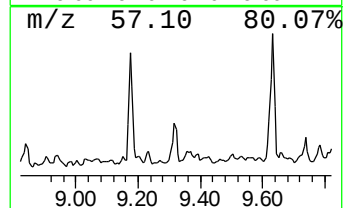
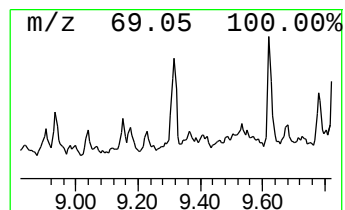
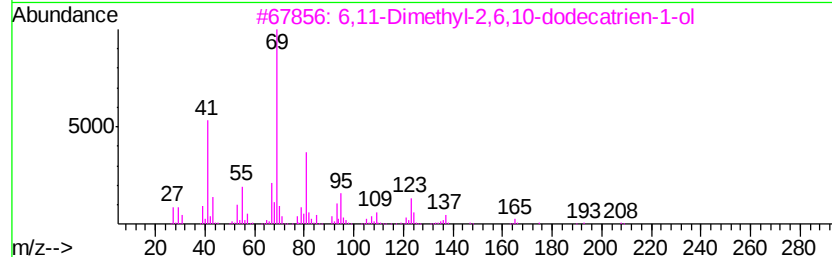
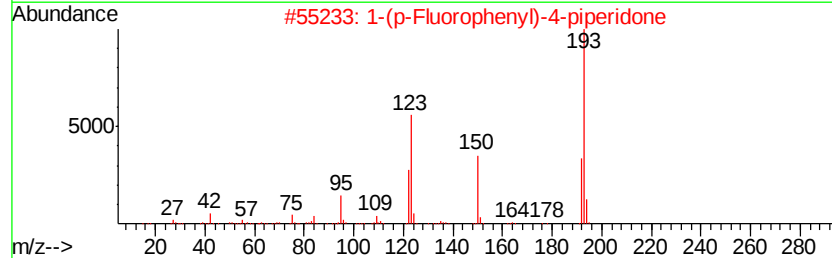
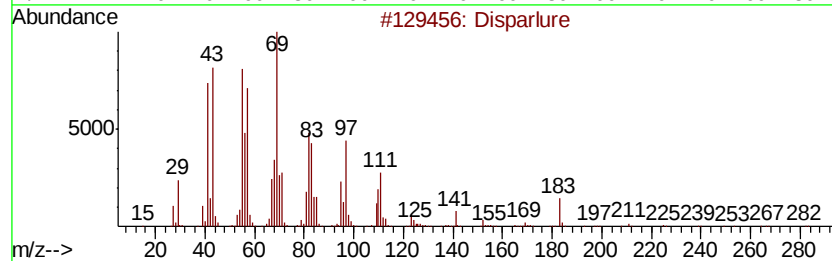
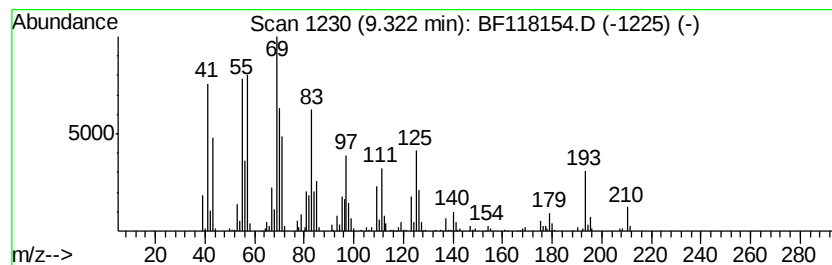
Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.32 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	12.23 ng	762040	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Disparlure		282 C19H38O	029804-22-6 38
2	1-(p-Fluorophenyl)-4-piperidone		193 C11H12FNO	1000238-56-7 35
3	6,11-Dimethyl-2,6,10-dodecatrien...		208 C14H24O	1000196-53-3 35
4	4-Trifluoroacetoxytridecane		296 C15H27F3O2	1000245-47-3 30
5	2-Anthracenamine		193 C14H11N	000613-13-8 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

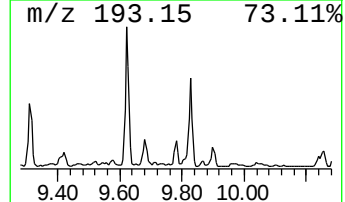
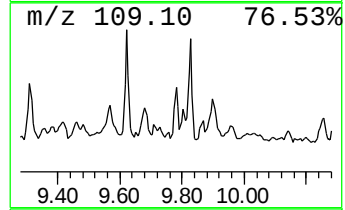
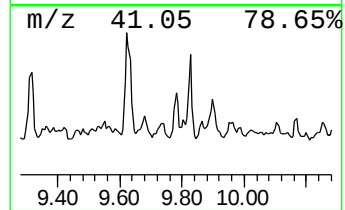
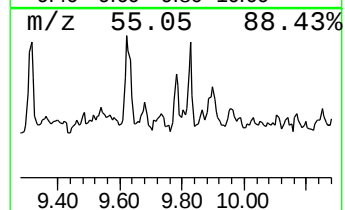
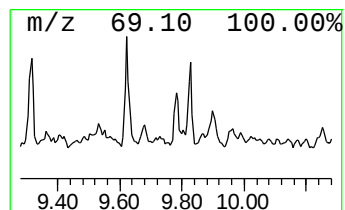
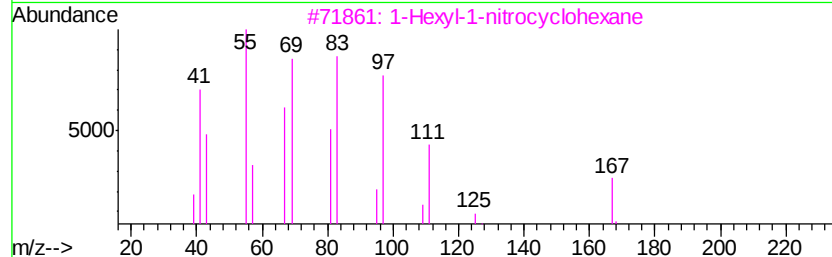
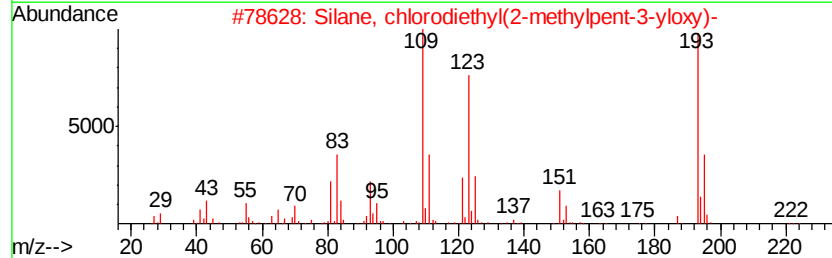
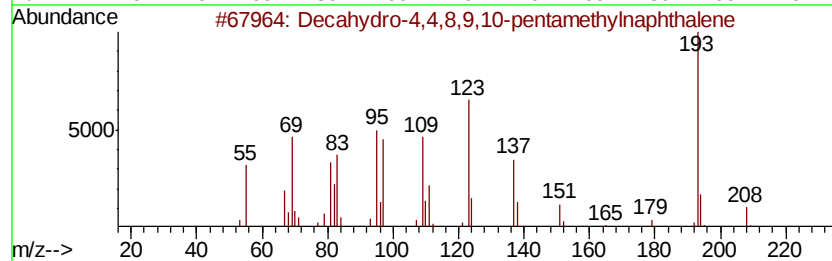
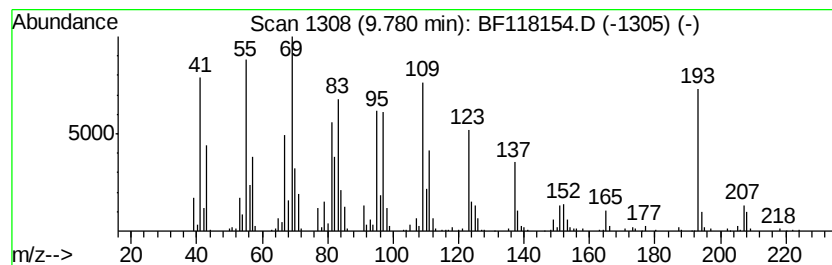
Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.78	7.39 ng	460507	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	97
2		Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	50
3		1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	38
4		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
5		Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

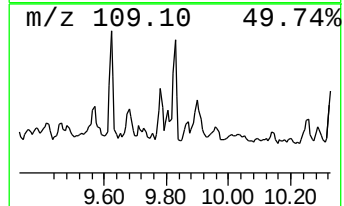
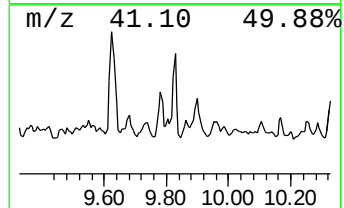
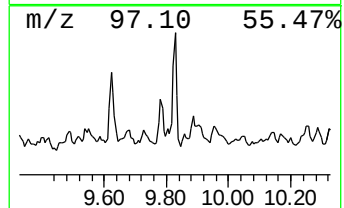
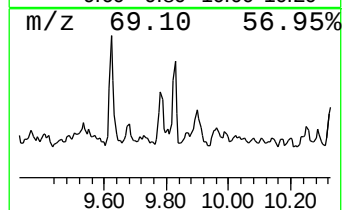
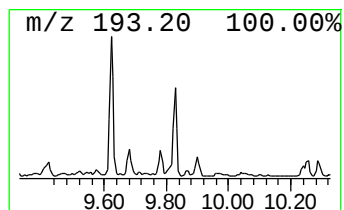
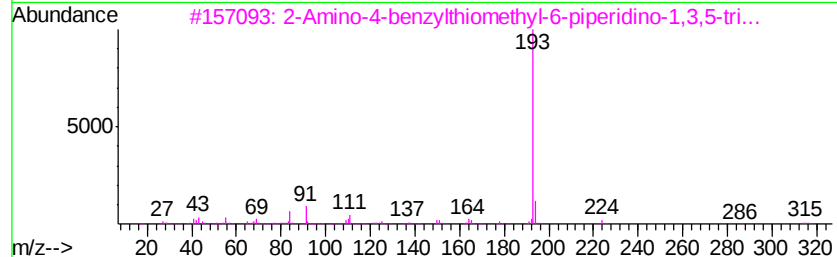
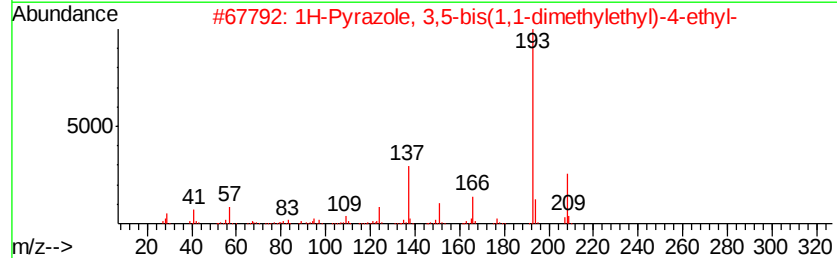
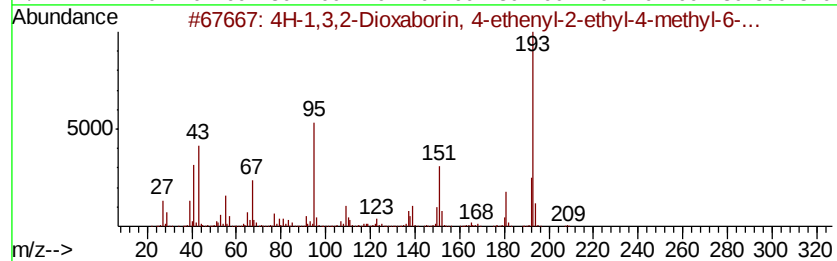
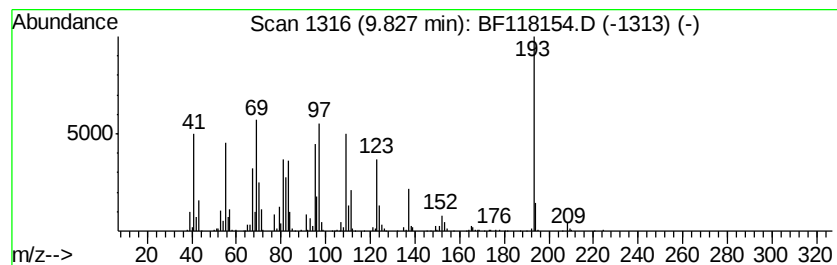
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.83 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	10.46 ng	651836	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1,3,2-Dioxaborin, 4-ethenvl-2...	208	C12H21B02	074630-04-9	38
2		1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	27
3		2-Amino-4-benzvlthiomethyl-6-pip...	315	C16H21N5S	022362-19-2	22
4		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
5		2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

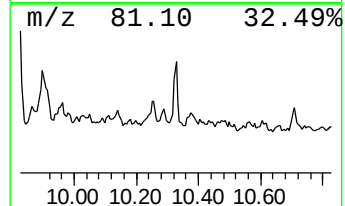
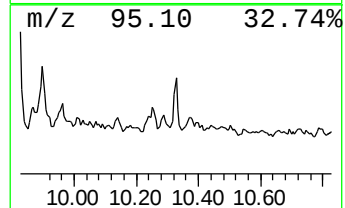
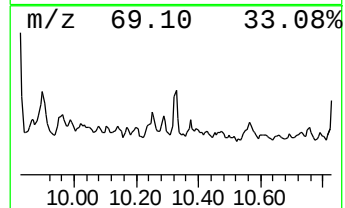
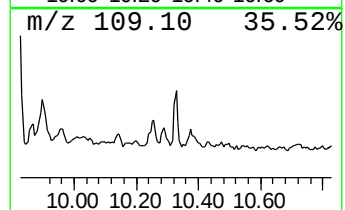
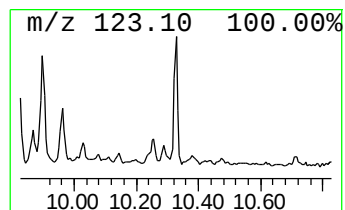
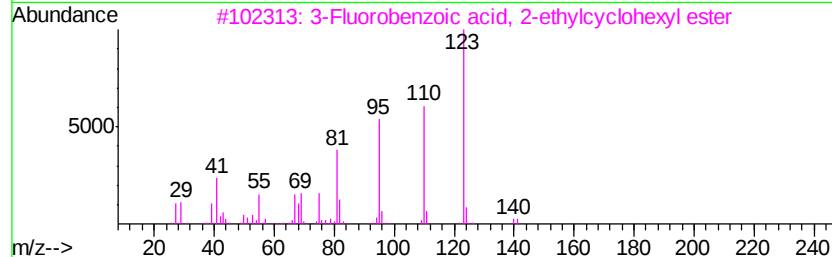
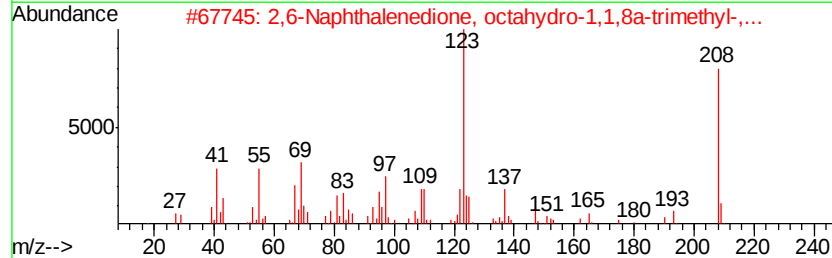
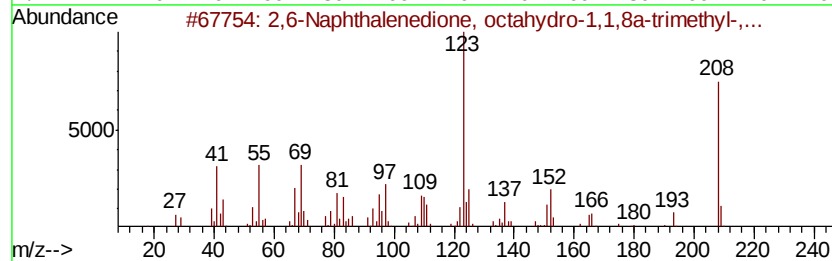
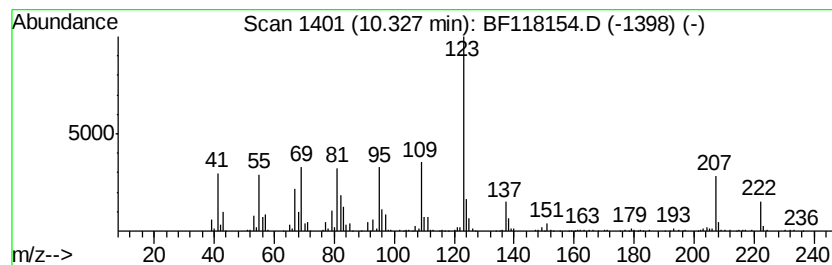
Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,6-Naphthalenedione, octah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.33	5.49 ng	342312	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-	...	208	C13H20O2	057289-17-5	59
2	2,6-Naphthalenedione, octahydro-	...	208	C13H20O2	057289-16-4	53
3	3-Fluorobenzoic acid, 2-ethylcyclohexyl	...	250	C15H19FO2	1000279-04-9	47
4	Bicyclo[4.1.0]heptane-7-carboxamide	...	222	C11H14N2OS	329912-72-3	47
5	1-Butanone, 1-bicyclo[4.1.0]heptan-2-yl	...	166	C11H18O	054764-62-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPC-BOT-N

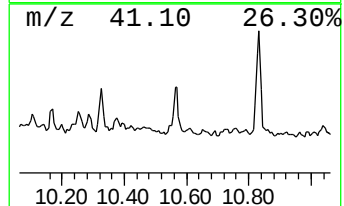
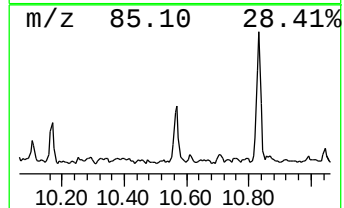
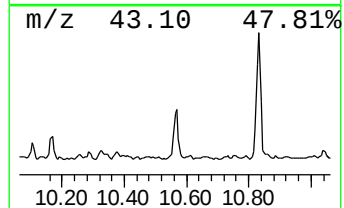
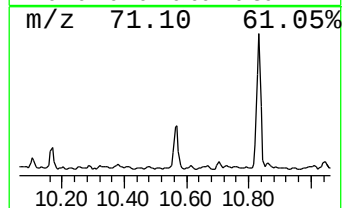
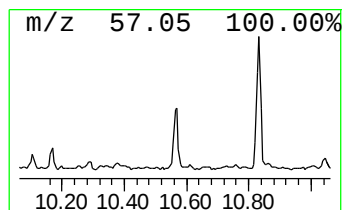
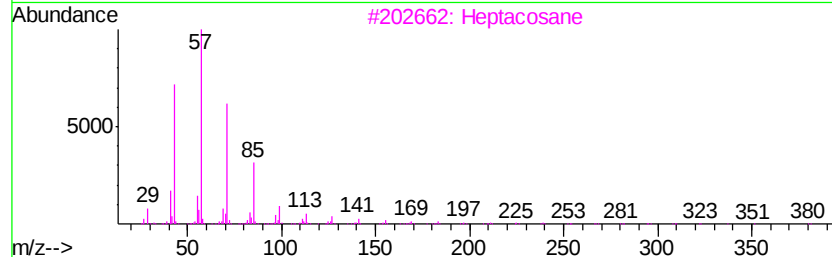
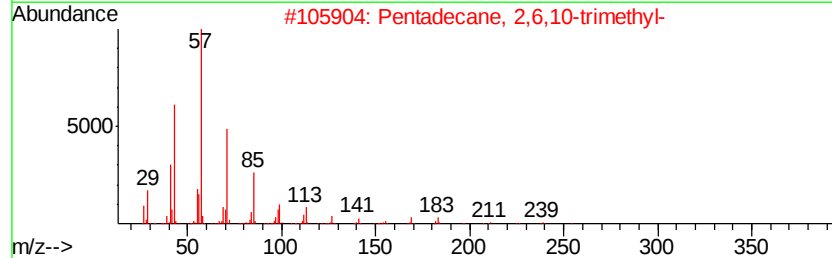
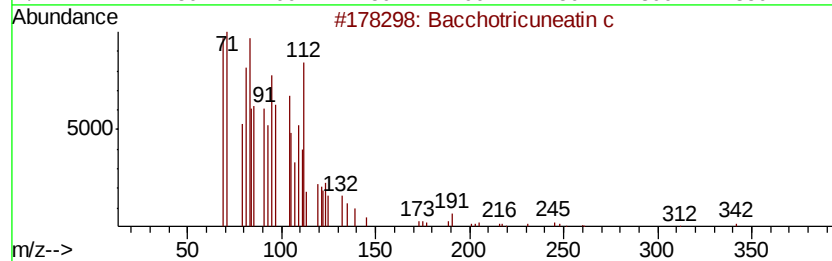
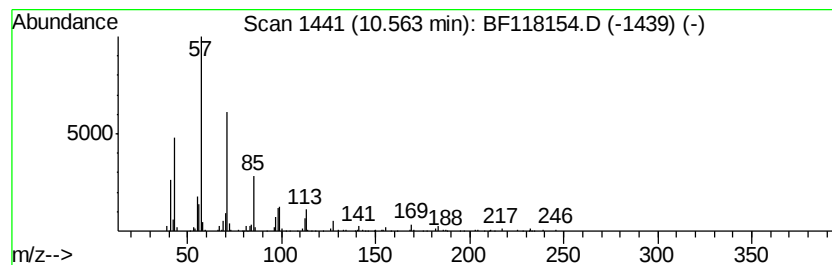
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.59 ng	286060	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3			Heptacosane	380	C27H56	000593-49-7	80
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

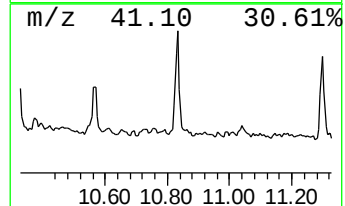
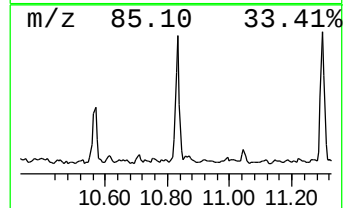
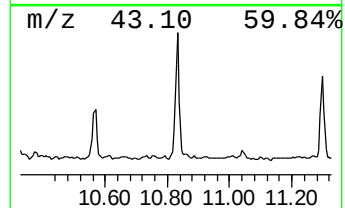
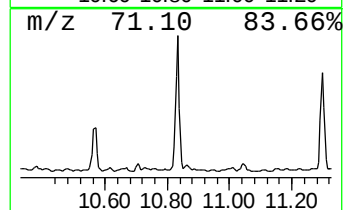
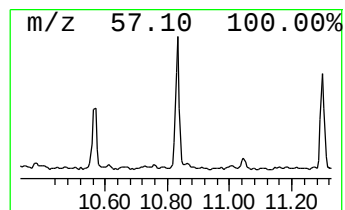
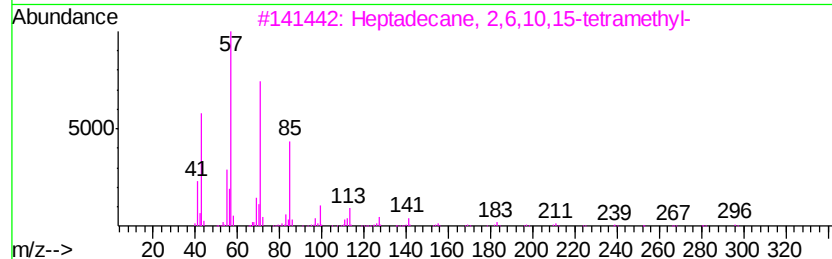
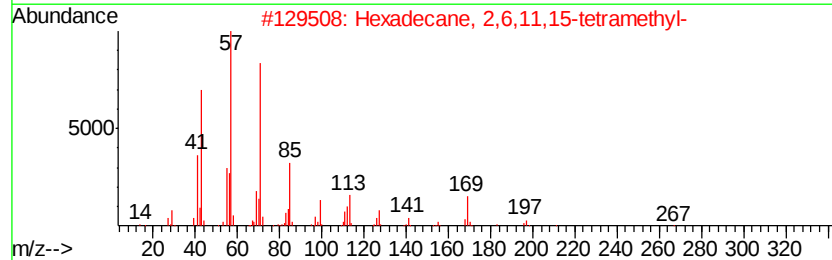
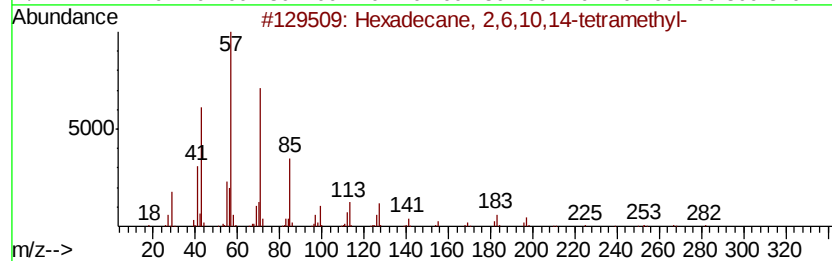
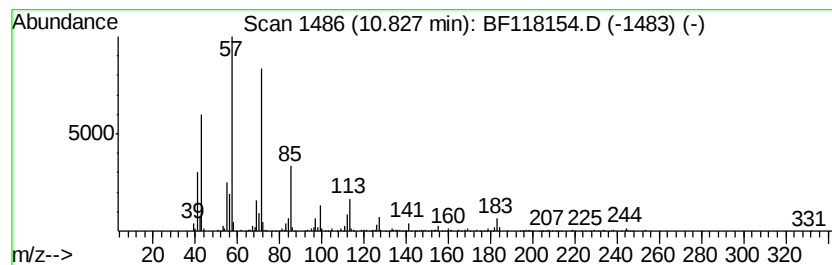
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	22.66 ng	786387	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

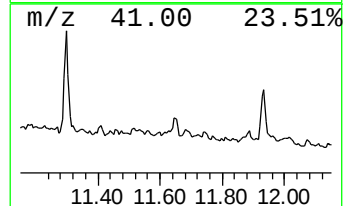
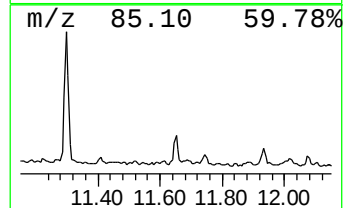
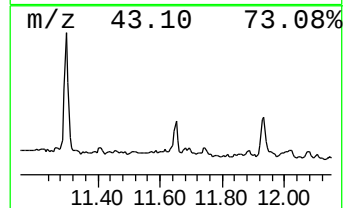
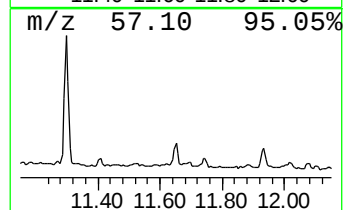
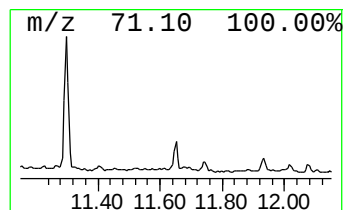
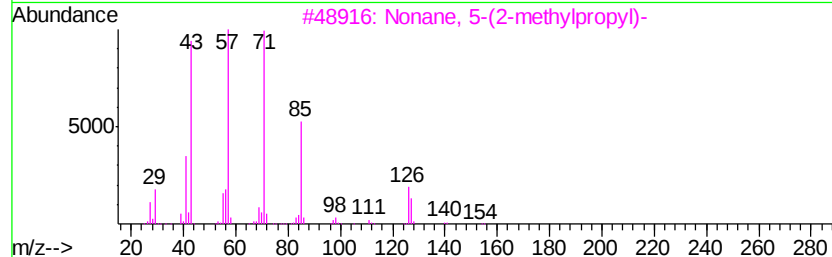
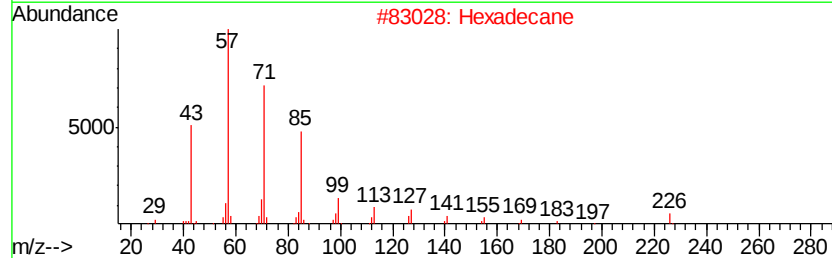
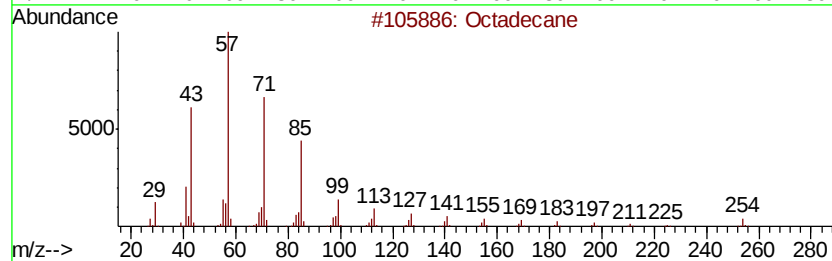
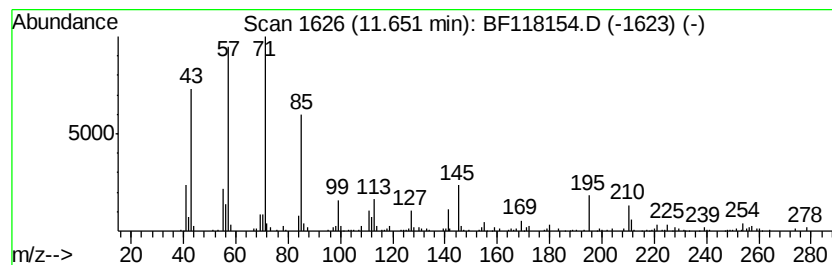
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.53 ng	157318	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	76
2			Hexadecane	226	C16H34	000544-76-3	58
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	49
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

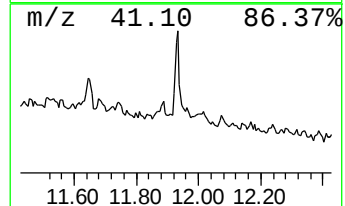
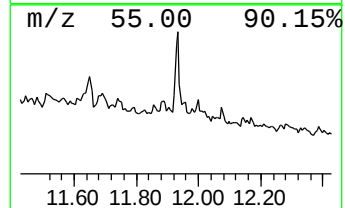
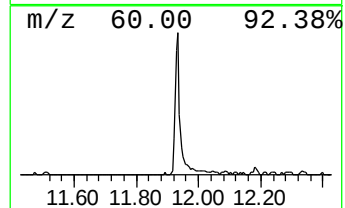
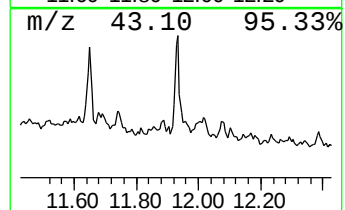
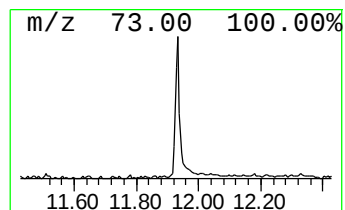
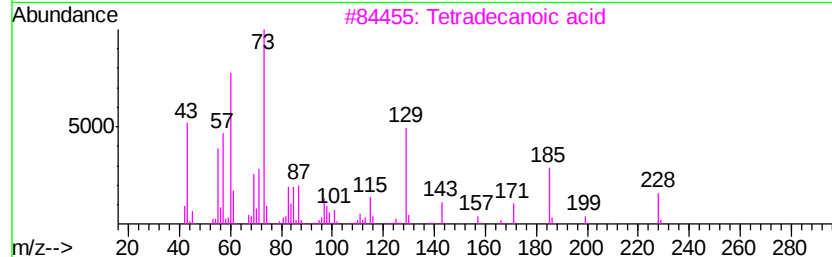
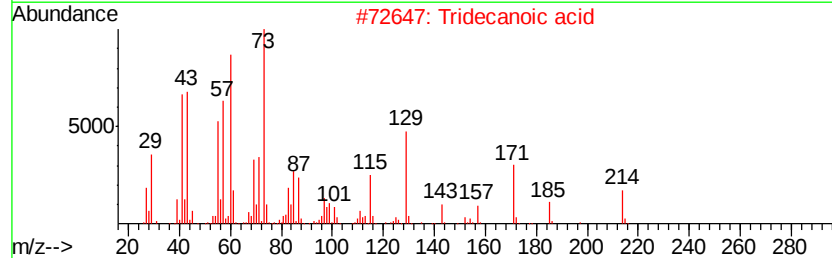
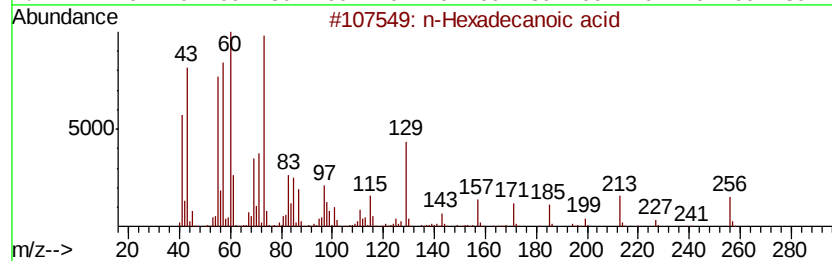
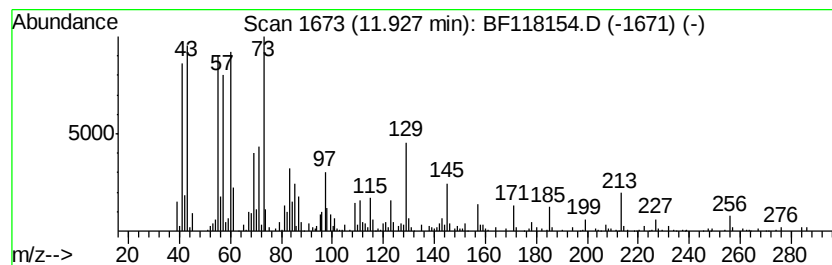
Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.93	11.23 ng	389865	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118154.D
Acq On : 9 Dec 2019 19:49
Operator : JU
Sample : K6187-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPC-BOT-N

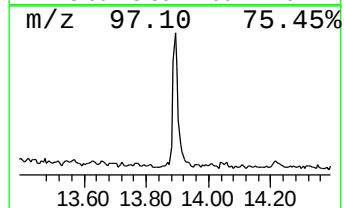
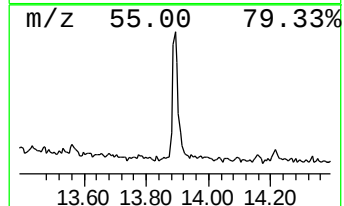
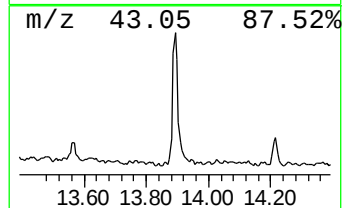
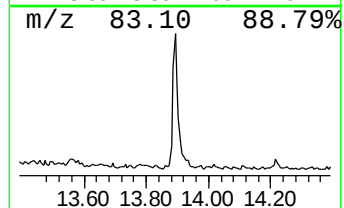
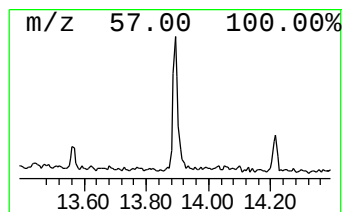
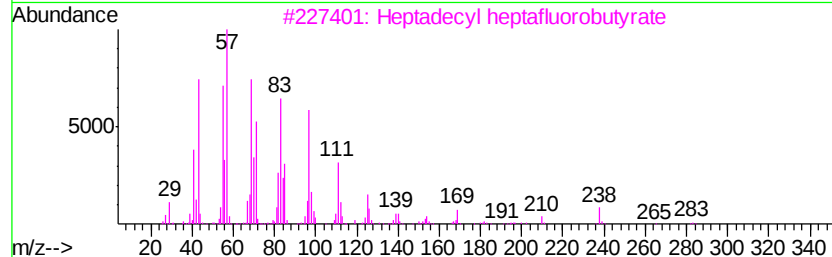
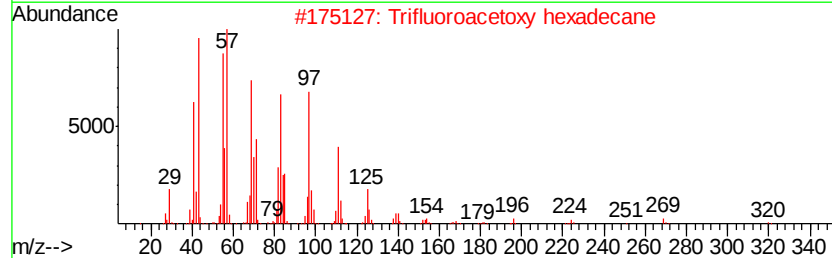
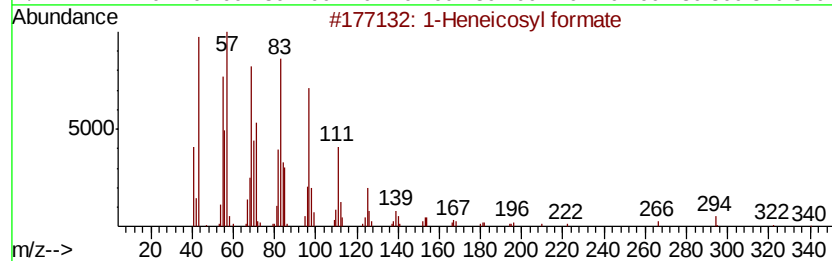
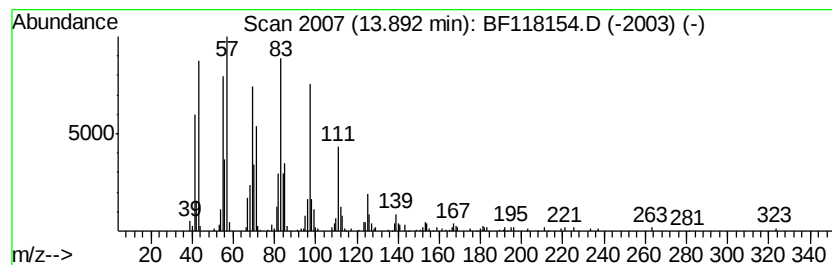
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Heneicosyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.89 ng	308978	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	94
4			2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5			1-Tricosene	322	C23H46	018835-32-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120919\
 Data File : BF118154.D
 Acq On : 9 Dec 2019 19:49
 Operator : JU
 Sample : K6187-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPC-BOT-N

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
Butane, 2-methoxy...	2.12	11.5	ng	361433	1	6.87	628262	20.0
2-Pentanone, 4-hy...	5.07	13.0	ng	409524	1	6.87	628262	20.0
unknown6.64	6.64	69.4	ng	2180420	1	6.87	628262	20.0
1-Ethyl-2,2,6-tri...	7.14	4.1	ng	128994	1	6.87	628262	20.0
Naphthalene, deca...	7.79	4.7	ng	225298	2	8.15	958064	20.0
Cyclohexane, 2-bu...	8.36	4.3	ng	206475	2	8.15	958064	20.0
Hexadecane, 2,6,1...	8.57	4.9	ng	232823	2	8.15	958064	20.0
Cyclopentane, 1-b...	8.70	9.2	ng	440145	2	8.15	958064	20.0
Dodecane, 2,6,10-...	9.17	7.1	ng	444907	3	9.92	1246580	20.0
unknown9.32	9.32	12.2	ng	762040	3	9.92	1246580	20.0
Decahydro-4,4,8,9...	9.78	7.4	ng	460507	3	9.92	1246580	20.0
unknown9.83	9.83	10.5	ng	651836	3	9.92	1246580	20.0
2,6-Naphthalenedi...	10.33	5.5	ng	342312	3	9.92	1246580	20.0
Bacchotricuneatin c	10.56	4.6	ng	286060	3	9.92	1246580	20.0
Hexadecane, 2,6,1...	10.83	22.7	ng	786387	4	11.41	694183	20.0
Octadecane	11.65	4.5	ng	157318	4	11.41	694183	20.0
n-Hexadecanoic acid	11.93	11.2	ng	389865	4	11.41	694183	20.0
1-Heneicosyl formate	13.89	9.9	ng	308978	5	14.06	625140	20.0