

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102717.D
 Acq On : 3 Feb 2018 15:21
 Operator : SJ/JU
 Sample : J1410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1495

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.151	7	11	28	rVB	452168	704203	13.73%	1.130%
2	5.104	511	513	525	rVB	134468	177598	3.46%	0.285%
3	5.487	573	578	582	rBV	4181764	4769644	92.99%	7.651%
4	6.157	689	692	696	rBV	388220	334548	6.52%	0.537%
5	6.498	743	750	752	rBV	4301335	4776842	93.13%	7.663%
6	6.522	752	754	757	rVB	1363109	1024914	19.98%	1.644%
7	6.645	769	775	778	rBV	4649746	5129397	100.00%	8.229%
8	6.875	810	814	818	rBV	1521458	1224766	23.88%	1.965%
9	6.992	831	834	837	rBV	192455	142604	2.78%	0.229%
10	7.033	837	841	844	rVB	3964585	3480827	67.86%	5.584%
11	7.310	884	888	891	rVB	161207	128944	2.51%	0.207%
12	7.439	899	910	913	rBV	3043319	3099607	60.43%	4.972%
13	8.157	1026	1032	1035	rBV	2038393	1729993	33.73%	2.775%
14	8.216	1039	1042	1044	rVB2	100942	96665	1.88%	0.155%
15	8.398	1069	1073	1076	rBV4	86437	121671	2.37%	0.195%
16	8.539	1094	1097	1101	rBV4	85144	117398	2.29%	0.188%
17	8.575	1101	1103	1105	rBV	107939	99941	1.95%	0.160%
18	8.598	1105	1107	1109	rVV2	128765	100074	1.95%	0.161%
19	8.663	1115	1118	1120	rBV2	126342	109521	2.14%	0.176%
20	8.698	1121	1124	1126	rBV4	96232	125401	2.44%	0.201%
21	8.733	1127	1130	1135	rVB2	502466	503459	9.82%	0.808%
22	8.780	1135	1138	1141	rBV4	139434	156561	3.05%	0.251%
23	8.933	1162	1164	1167	rBV3	90878	86349	1.68%	0.139%
24	8.980	1170	1172	1174	rVB	134578	101183	1.97%	0.162%
25	9.039	1179	1182	1185	rBV5	188583	220974	4.31%	0.354%
26	9.069	1185	1187	1189	rBV2	106661	105524	2.06%	0.169%
27	9.151	1199	1201	1203	rBV	218726	160189	3.12%	0.257%
28	9.180	1203	1206	1210	rVB	413934	423429	8.25%	0.679%
29	9.233	1210	1215	1218	rBV	4347538	4389372	85.57%	7.041%
30	9.316	1225	1229	1232	rBV3	588642	850296	16.58%	1.364%
31	9.551	1266	1269	1271	rBV3	485757	510675	9.96%	0.819%
32	9.592	1274	1276	1279	rVB4	291057	272677	5.32%	0.437%
33	9.627	1279	1282	1286	rBV2	968361	1543372	30.09%	2.476%
34	9.786	1305	1309	1311	rBV4	627328	897774	17.50%	1.440%

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.827	1314	1316	1319	rVB2	672119	654774	12.77%	1.050%
36	9.916	1328	1331	1335	rVB	1731311	1755603	34.23%	2.816%
37	10.327	1399	1401	1403	rBV	696871	644048	12.56%	1.033%
38	10.380	1407	1410	1412	rVV3	761359	804956	15.69%	1.291%
39	10.574	1441	1443	1447	rVB	1301205	1332263	25.97%	2.137%
40	10.851	1487	1490	1493	rVB	2126336	2129276	41.51%	3.416%
41	12.998	1852	1855	1863	rVB	2261328	2594732	50.59%	4.162%
42	13.310	1906	1908	1911	rVB	690868	554212	10.80%	0.889%
43	13.421	1924	1927	1932	rBV3	1447129	1664382	32.45%	2.670%
44	13.874	2001	2004	2007	rVB2	463096	474438	9.25%	0.761%
45	14.039	2029	2032	2035	rVB	1142570	996894	19.43%	1.599%
46	15.068	2205	2207	2217	rVB2	103091	241049	4.70%	0.387%
47	15.151	2218	2221	2224	rBV	112819	123581	2.41%	0.198%
48	15.251	2234	2238	2246	rVB3	233327	427638	8.34%	0.686%
49	15.509	2277	2282	2285	rBV	827046	1095162	21.35%	1.757%
50	15.633	2300	2303	2307	rBV3	95098	131722	2.57%	0.211%
51	15.986	2358	2363	2365	rBV	163174	254311	4.96%	0.408%
52	16.033	2365	2371	2380	rVB	2699715	4312563	84.08%	6.918%
53	16.492	2445	2449	2455	rVB	119497	194232	3.79%	0.312%
54	16.650	2470	2476	2485	rVB	331577	674444	13.15%	1.082%
55	17.103	2545	2553	2560	rBV	599064	1387210	27.04%	2.225%
56	17.286	2577	2584	2600	rVB3	225265	817473	15.94%	1.311%
57	17.574	2627	2633	2645	rVB8	124963	388141	7.57%	0.623%
58	17.815	2669	2674	2685	rVB2	94652	246786	4.81%	0.396%
59	18.662	2810	2818	2831	rVB	231639	720218	14.04%	1.155%

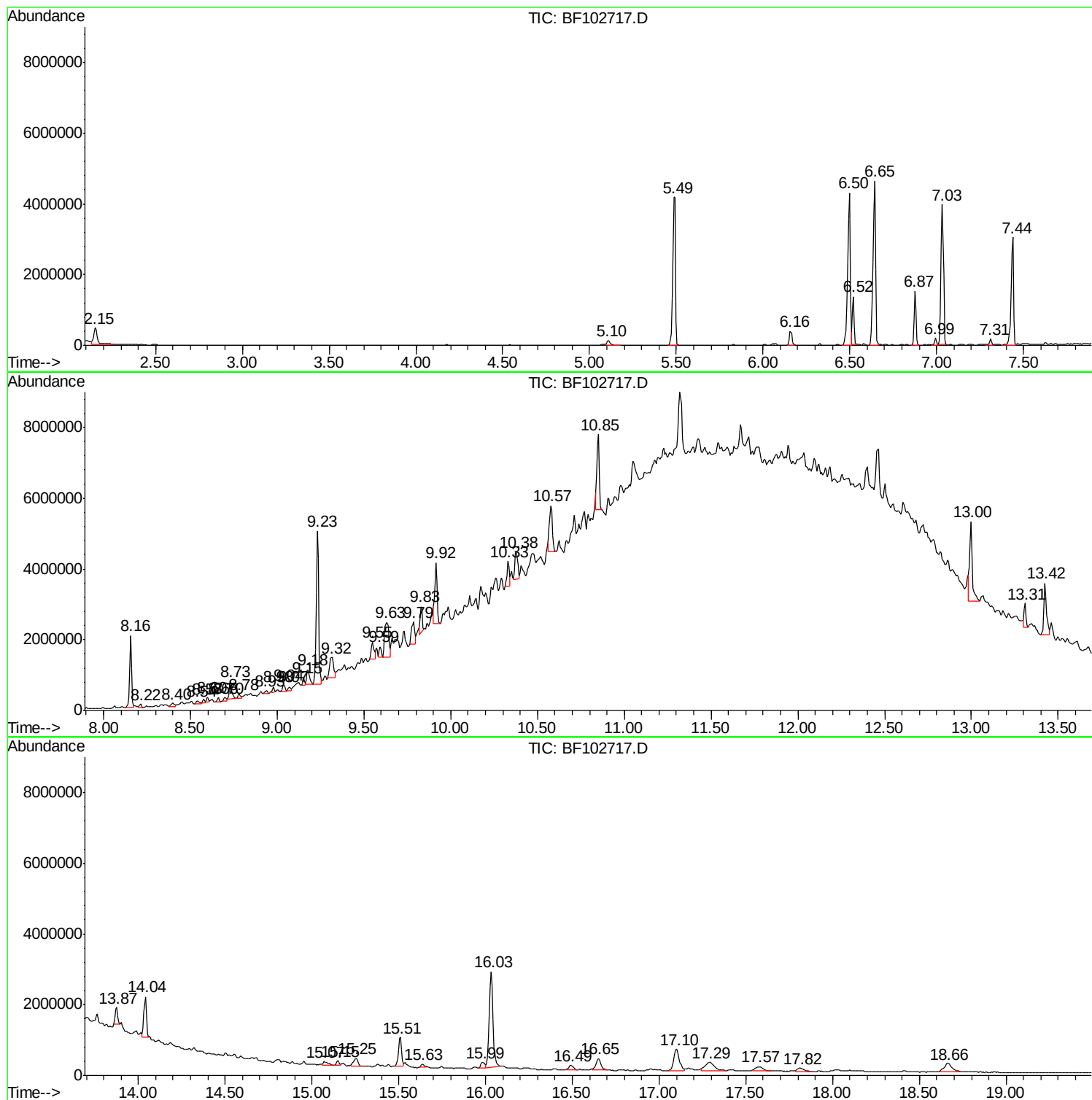
Sum of corrected areas: 62336500

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

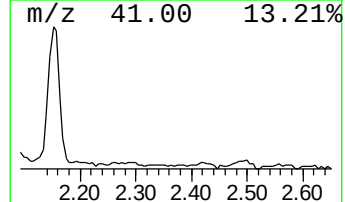
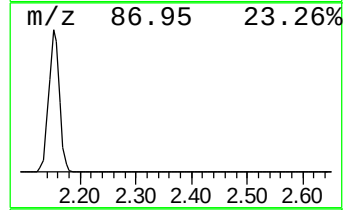
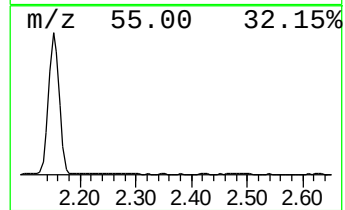
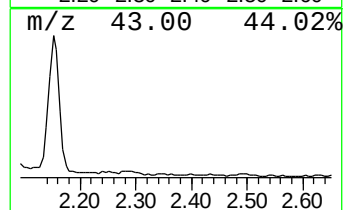
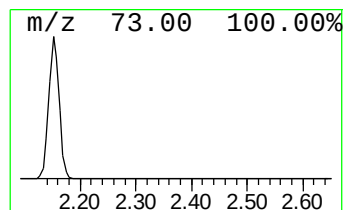
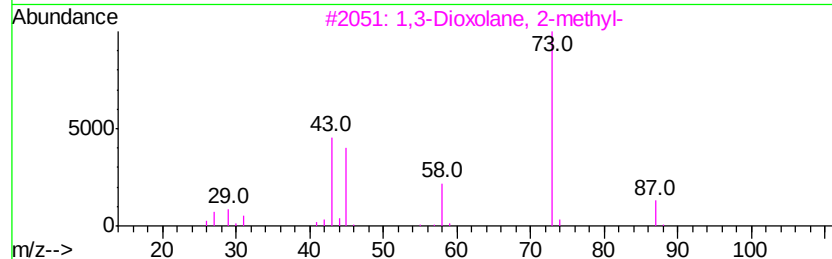
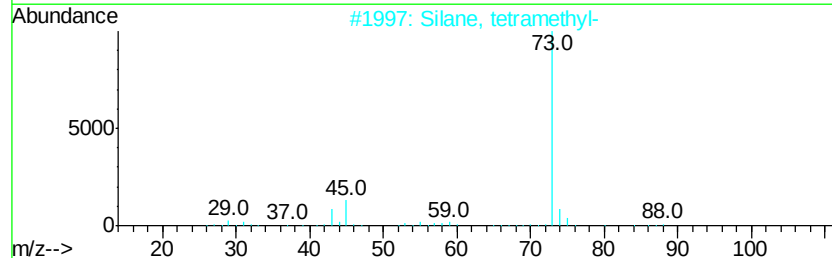
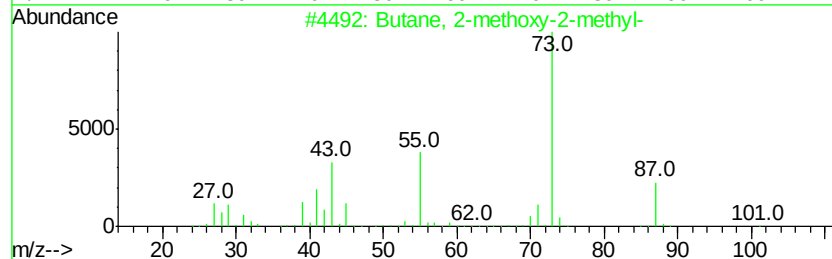
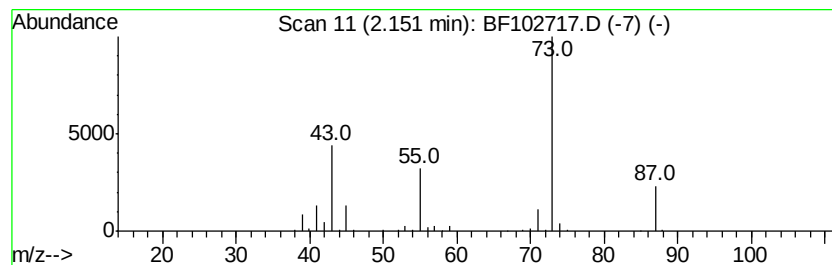
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	11.50 ng	704203	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

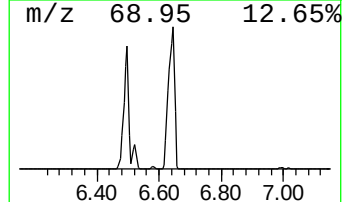
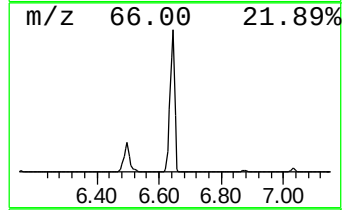
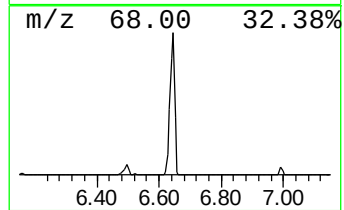
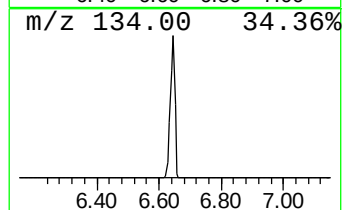
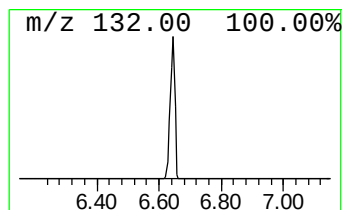
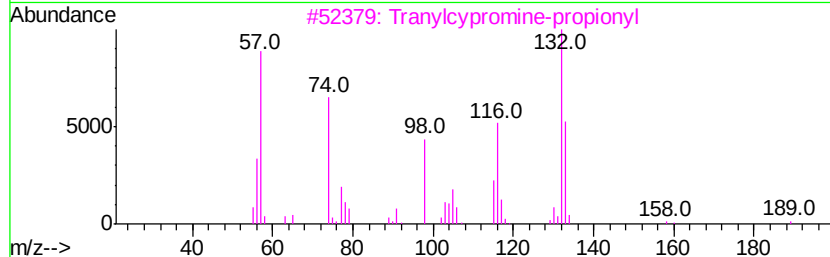
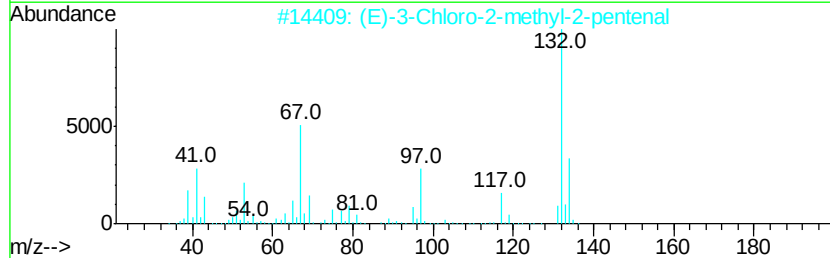
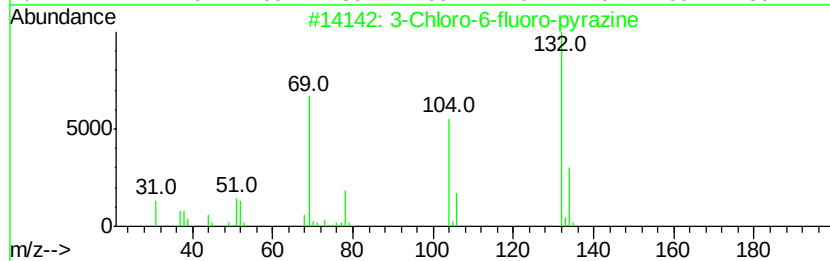
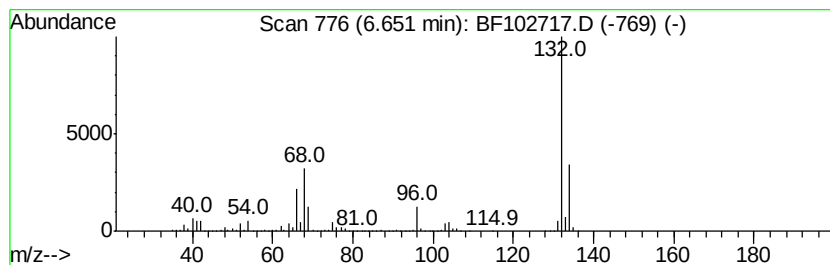
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	83.76 ng	5129400	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

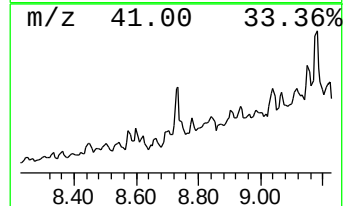
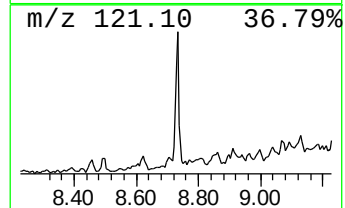
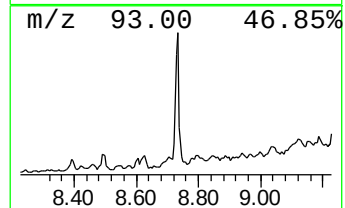
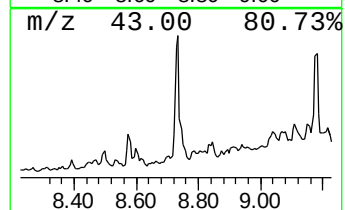
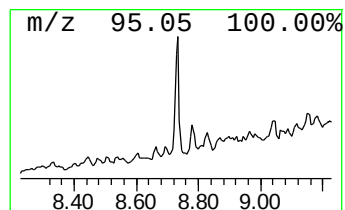
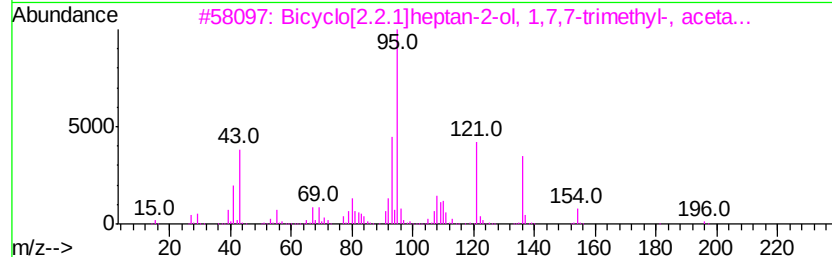
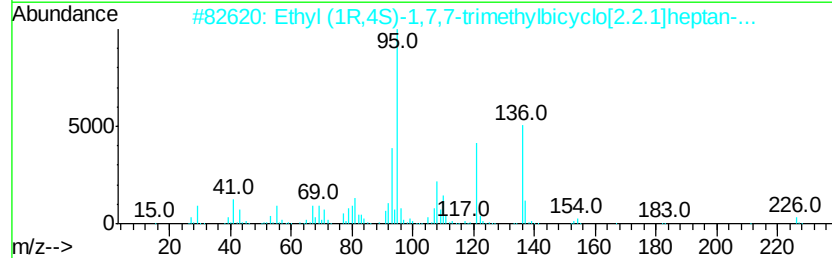
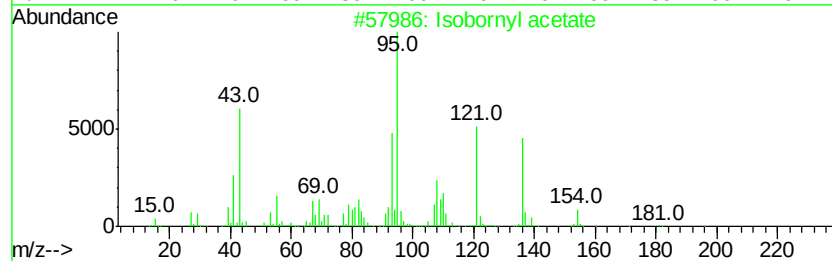
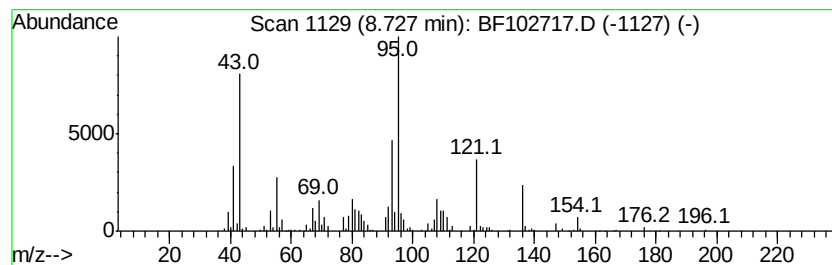
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Isobornyl acetate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	5.82 ng	503459	Napthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Isobornyl acetate	196 C12H20O2	000125-12-2 91
2		Ethyl (1R,4S)-1,7,7-trimethylbic...	226 C13H22O3	1000373-77-2 91
3		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196 C12H20O2	005655-61-8 91
4		Bornyl acetate	196 C12H20O2	000076-49-3 83
5		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182 C11H18O2	007492-41-3 80



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

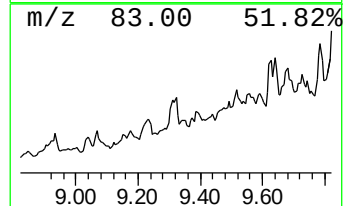
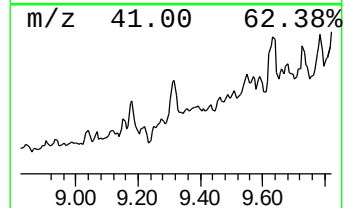
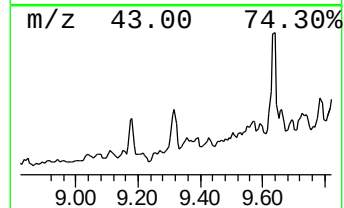
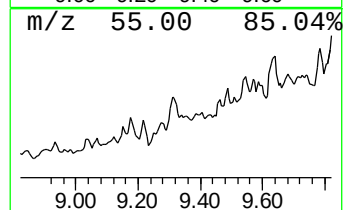
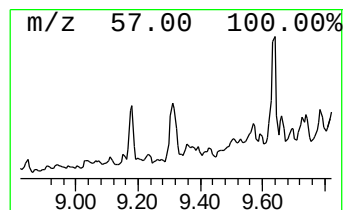
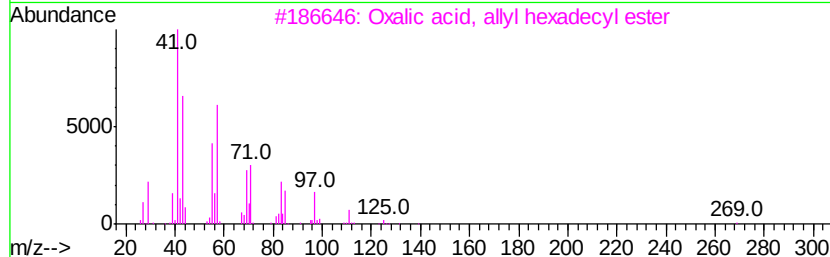
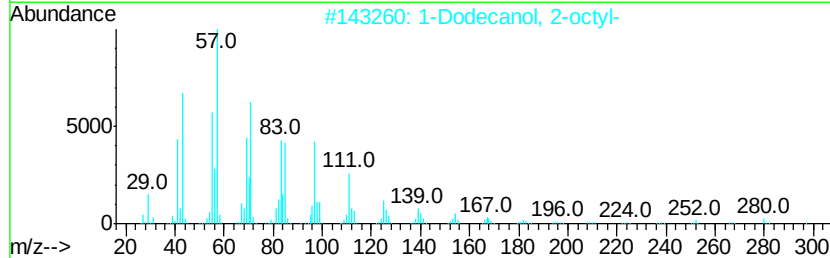
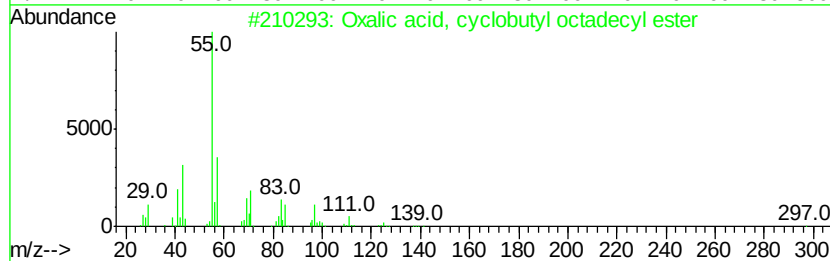
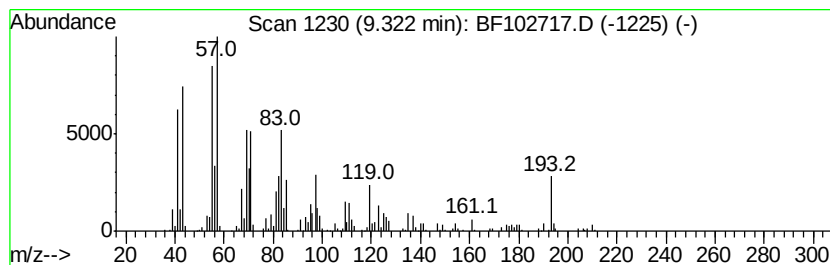
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	9.69 ng	850296	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cyclobutyl octadecyl ester	396	C24H44O4	1000309-70-8	46
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	46
3		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	46
4		Oxalic acid, cyclobutyl hexadecyl ester	368	C22H40O4	1000309-70-6	46
5		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

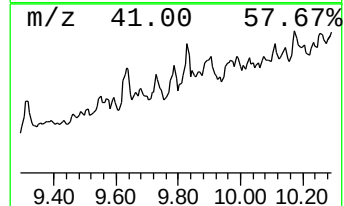
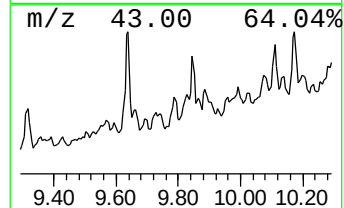
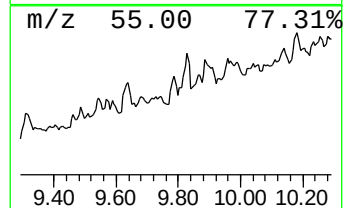
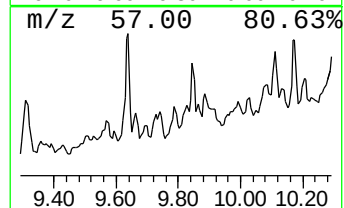
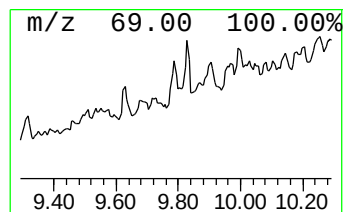
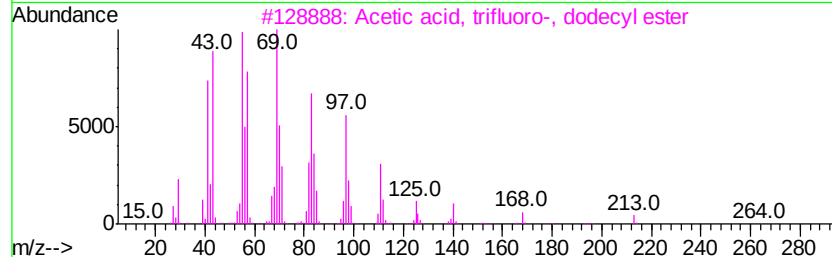
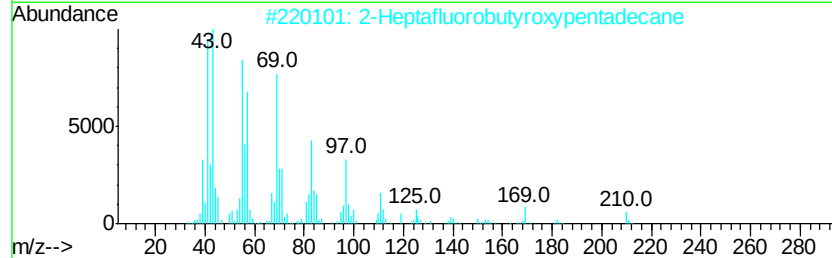
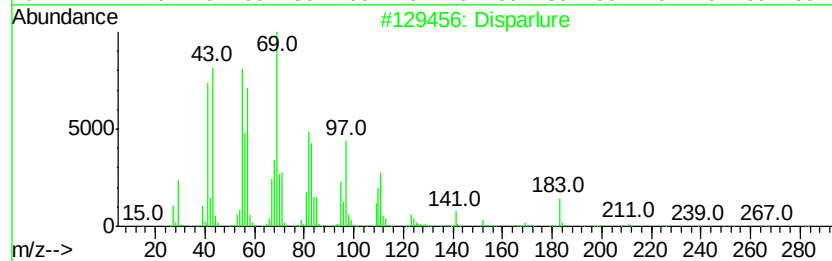
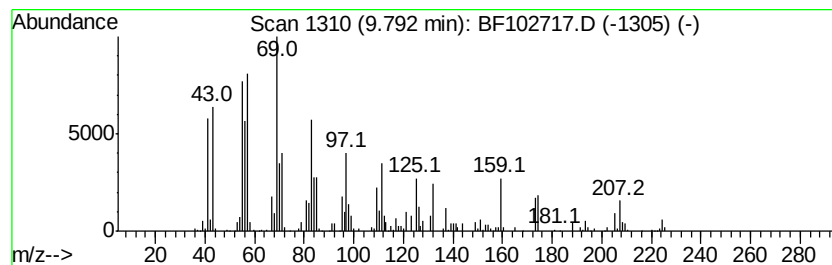
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Disparlure Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.23 ng	897774	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Disparlure		282 C19H380	029804-22-6 81
2	2-Heptafluorobutyroxy-pentadecane		424 C19H31F7O2	1000245-50-0 53
3	Acetic acid, trifluoro-, dodecyl...		282 C14H25F3O2	006222-00-0 52
4	Cyclopentane, 1-pentyl-2-propyl-		182 C13H26	062199-51-3 52
5	Cyclopentane, (2-methylbutyl)-		140 C10H20	053366-38-4 50



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

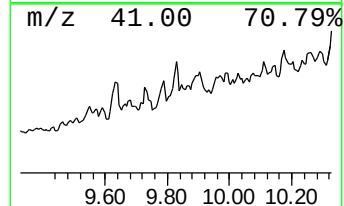
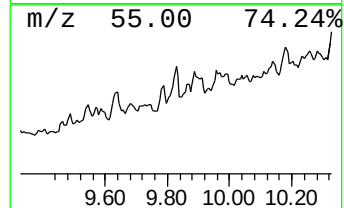
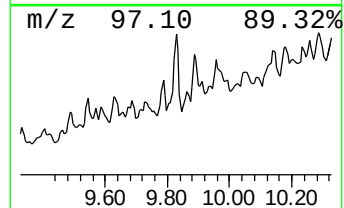
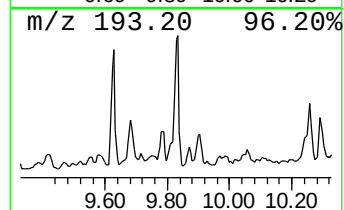
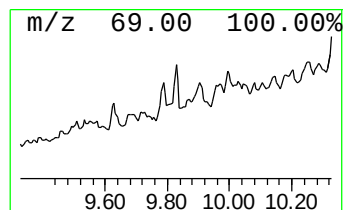
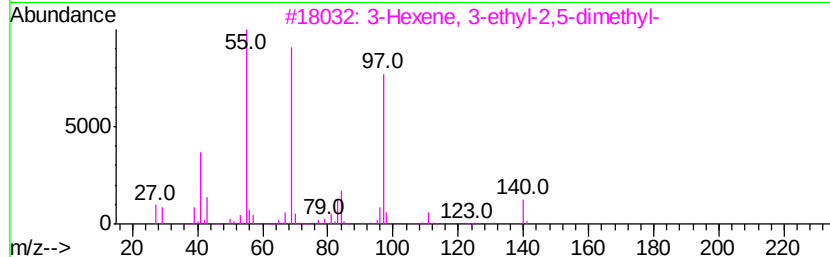
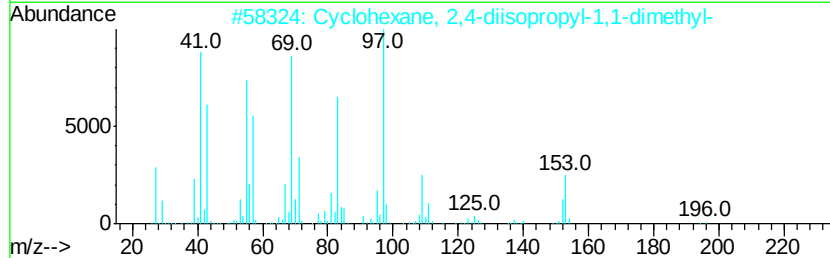
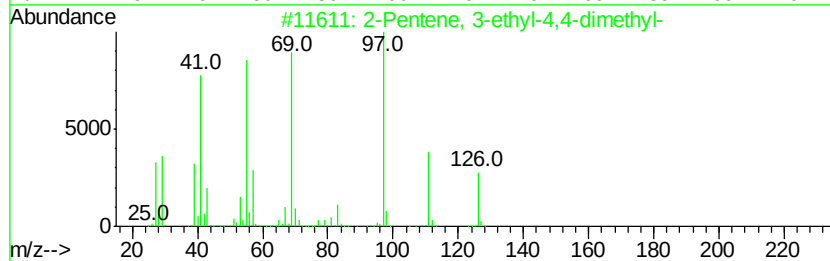
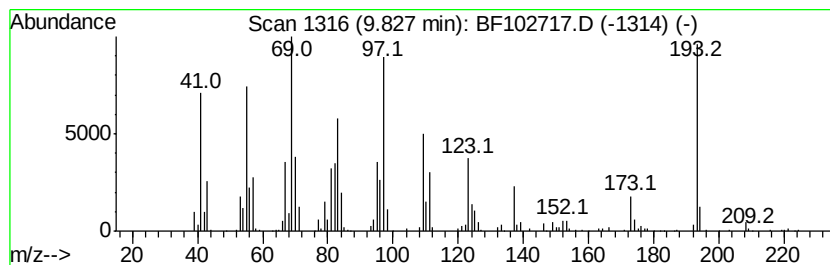
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.83 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	7.46 ng	654774	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	41
2		Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	38
3		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
4		4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	30
5		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

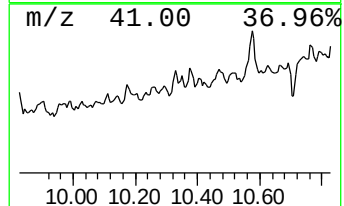
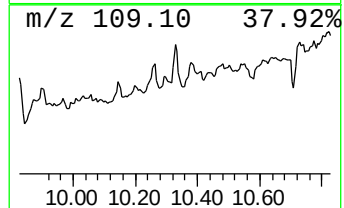
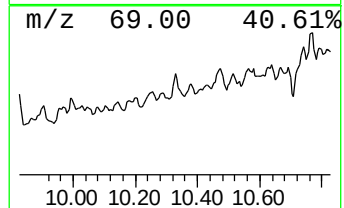
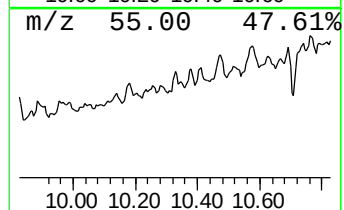
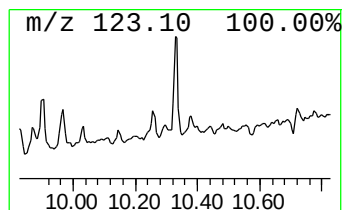
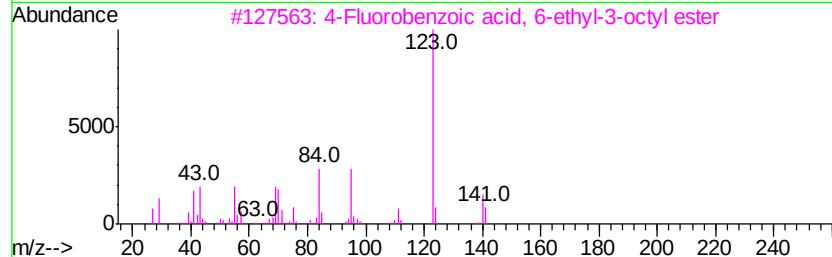
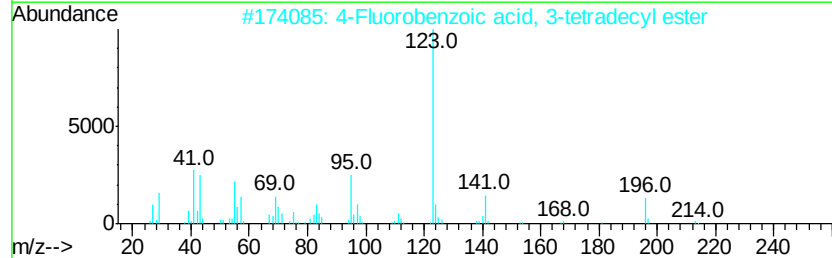
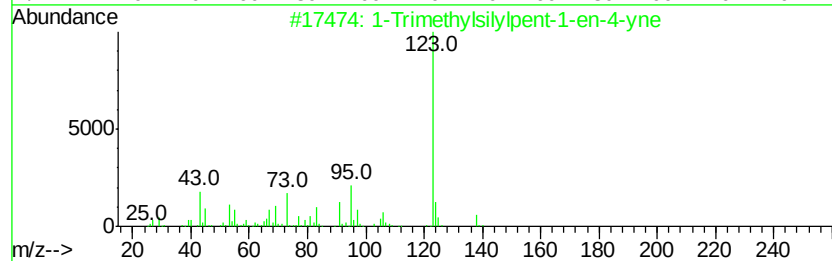
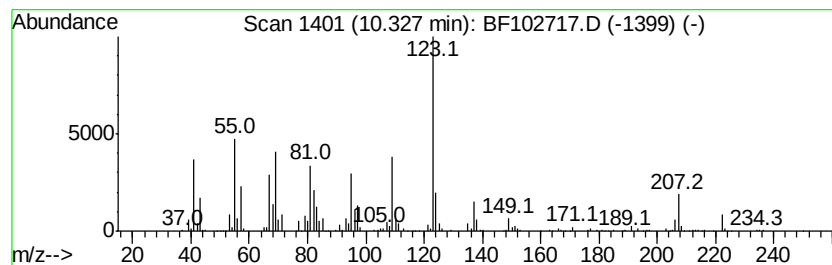
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Trimethylsilylpent-1-en-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.33	7.34 ng	644048	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	50
2	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33F02	1000280-68-1	50
3	4-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25F02	1000279-07-4	47
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
5	1,6,6-Trimethyl-7-(3-oxobut-1-en...	236	C13H16O4	1000192-00-9	46



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

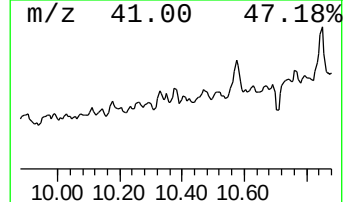
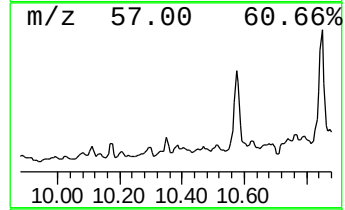
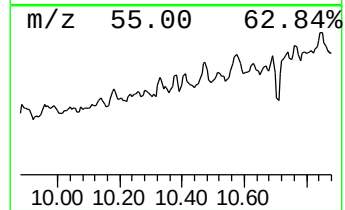
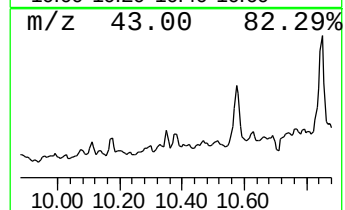
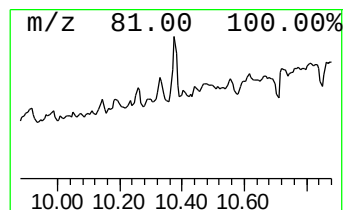
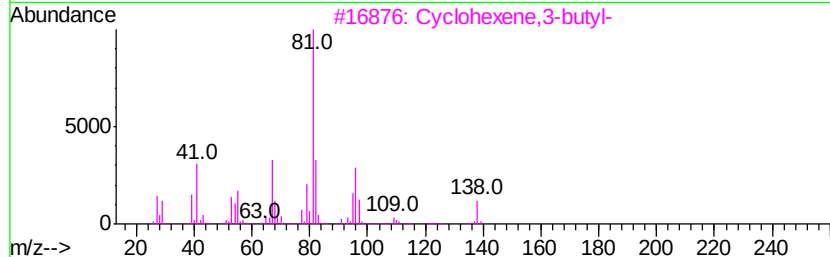
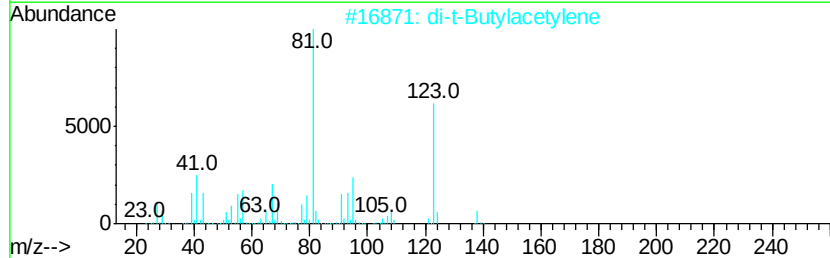
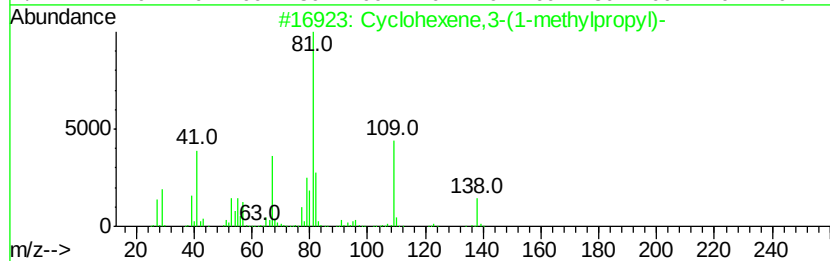
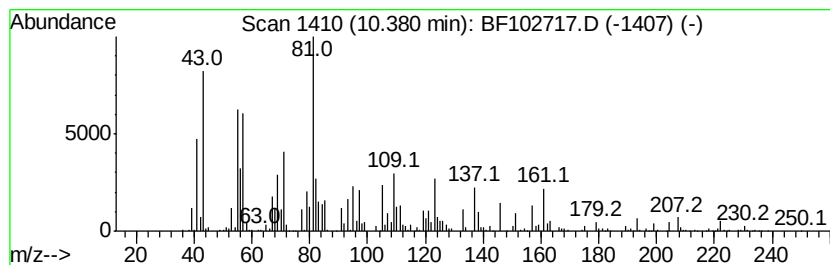
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	9.17 ng	804956	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	42
2	di-t-Butylacetylene	138	C10H18	017530-24-4	38
3	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	30
4	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	27
5	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

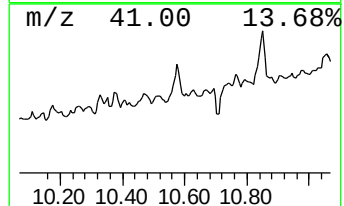
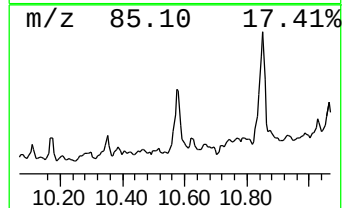
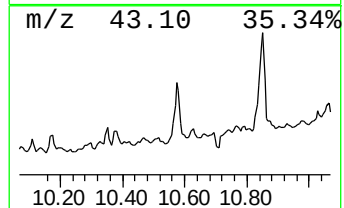
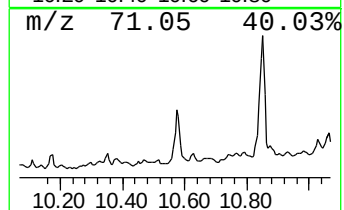
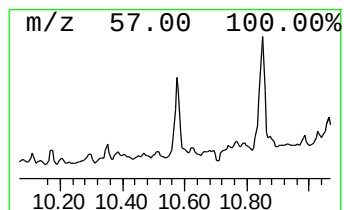
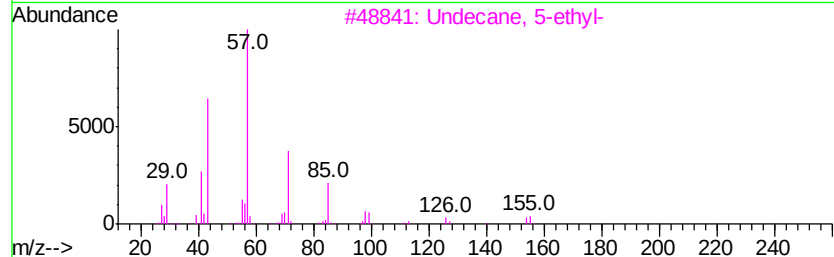
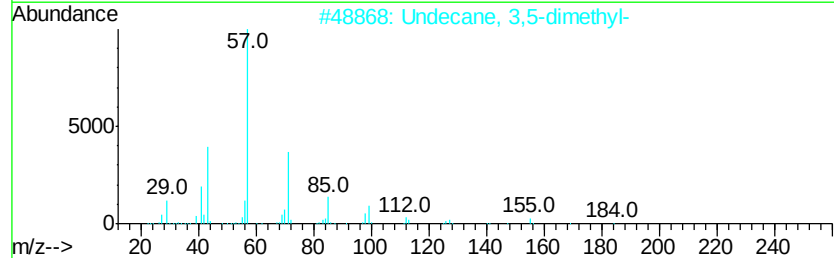
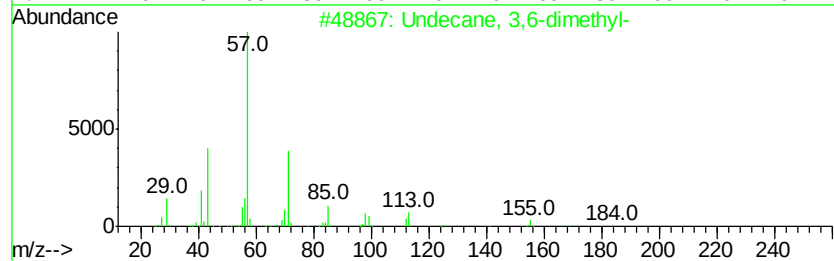
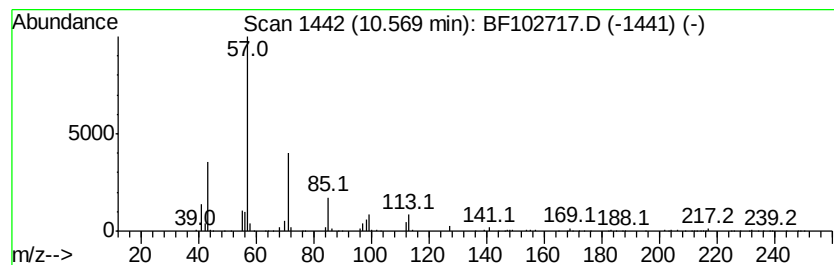
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	15.18 ng	1332260	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	90
2	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	83
3	Undecane, 5-ethyl-	184 C13H28	017453-94-0	72
4	Tridecane, 5-propyl-	226 C16H34	055045-11-9	68
5	Heptacosane	380 C27H56	000593-49-7	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

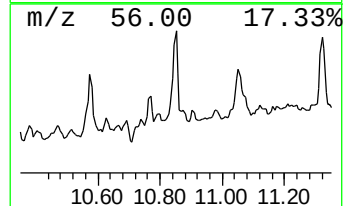
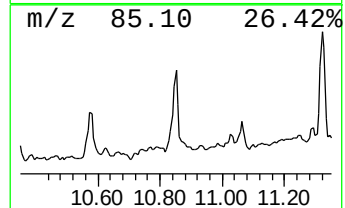
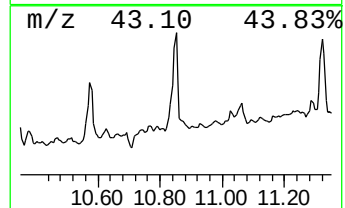
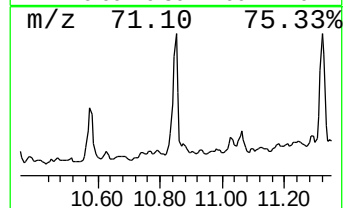
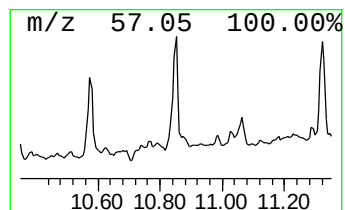
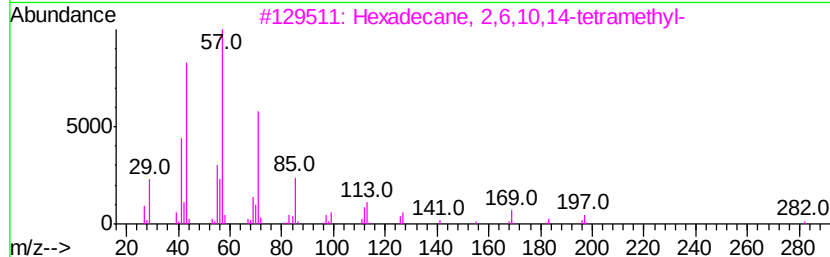
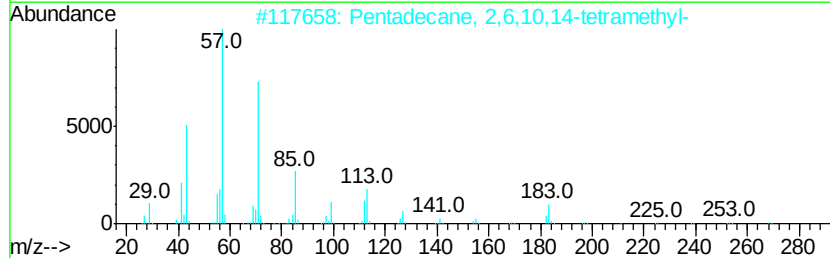
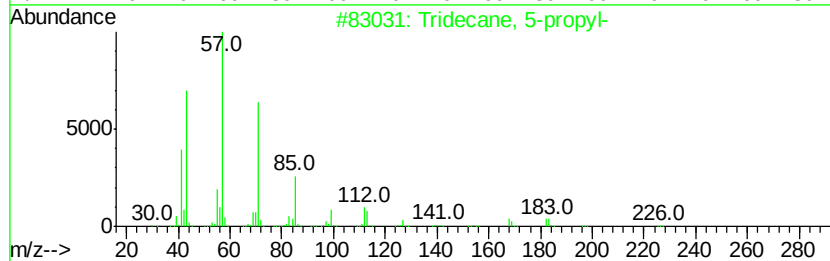
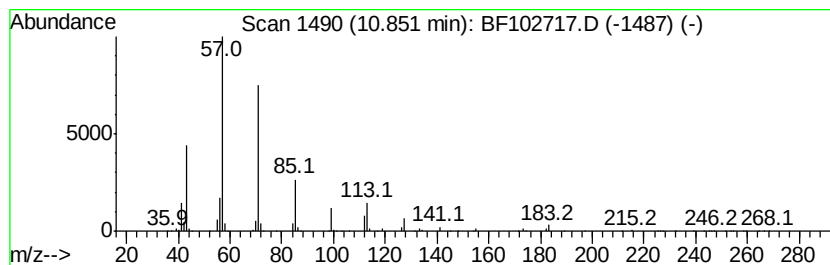
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	20.00 ng	2129280	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	78



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

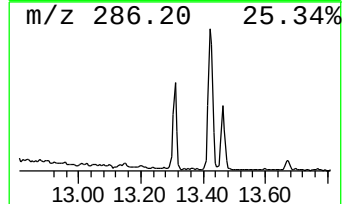
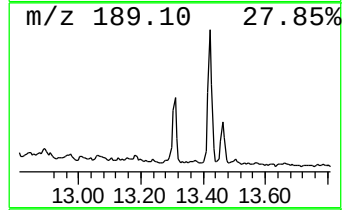
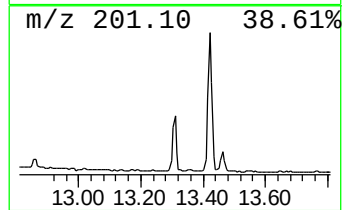
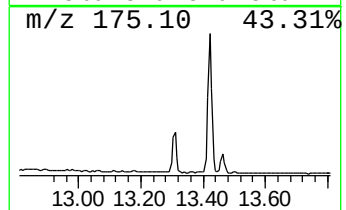
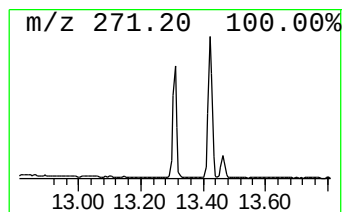
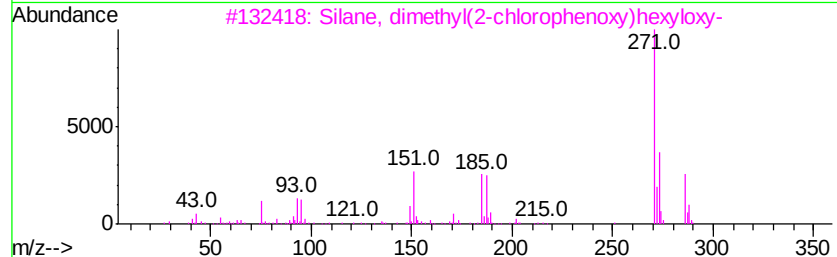
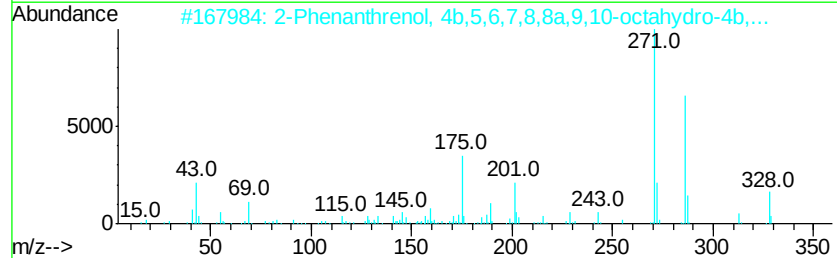
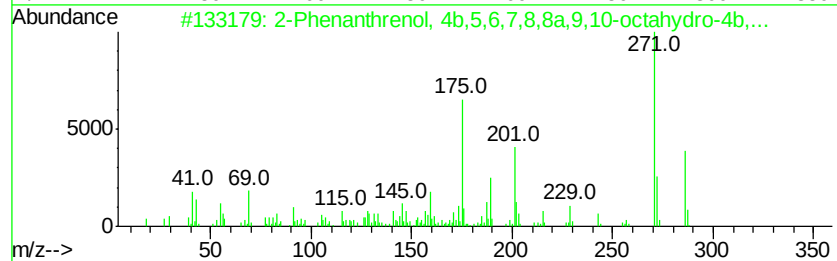
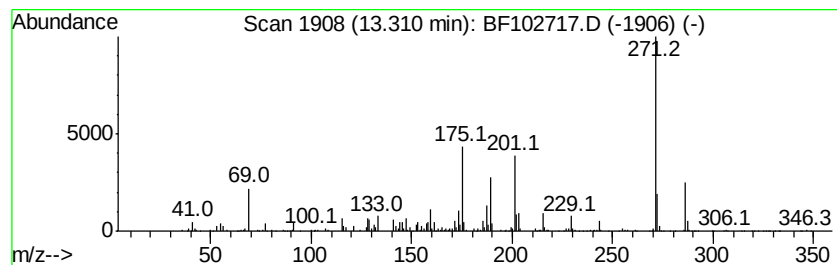
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	11.12 ng	554212	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	78
2		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	47
3		Silane, dimethyl(2-chlorophenoxy)...	286	C14H23ClO2Si	1000347-07-3	35
4		(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	27
5		(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

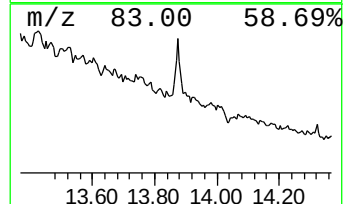
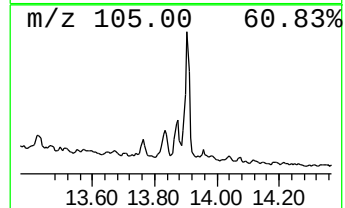
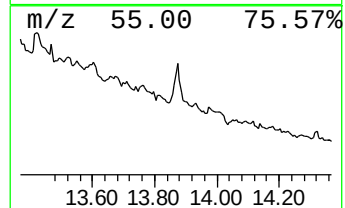
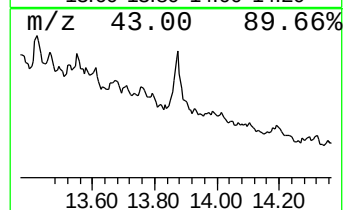
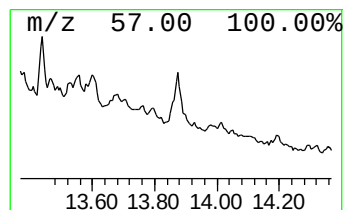
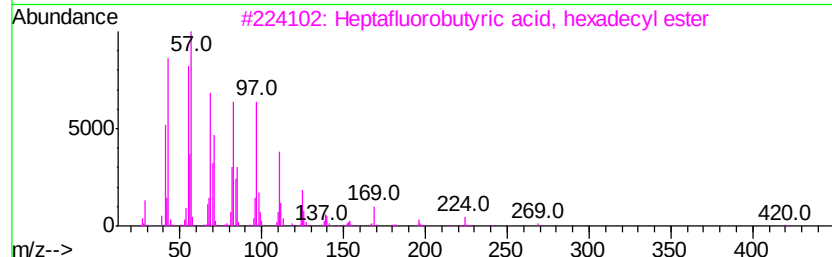
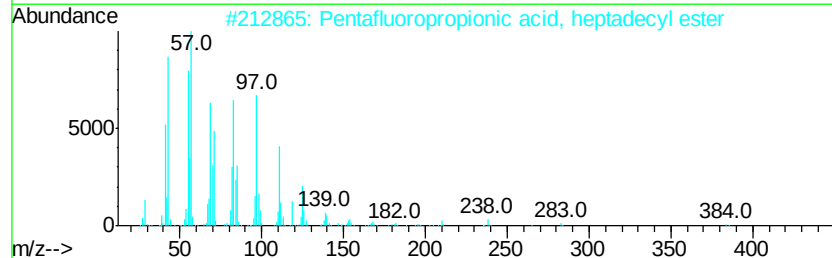
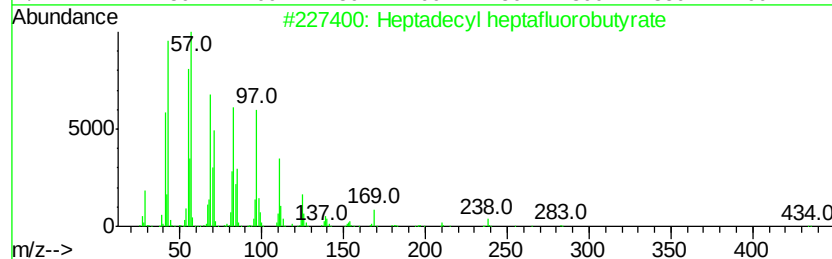
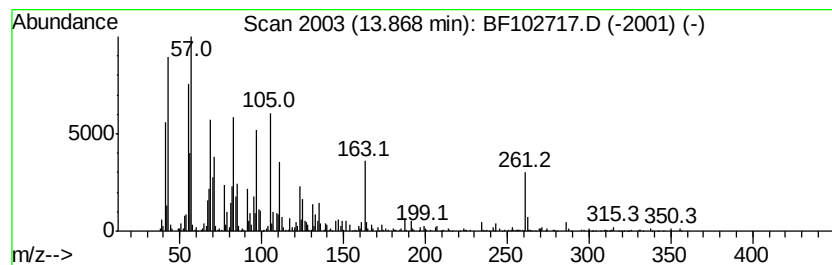
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.52 ng	474438	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

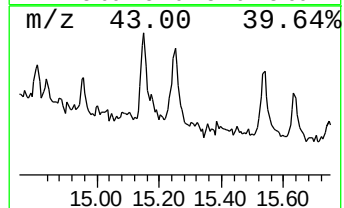
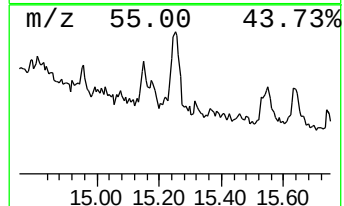
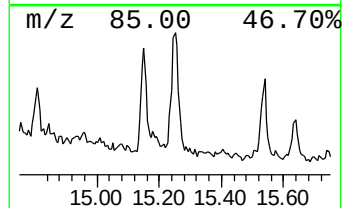
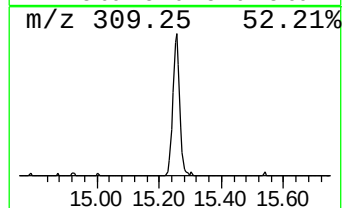
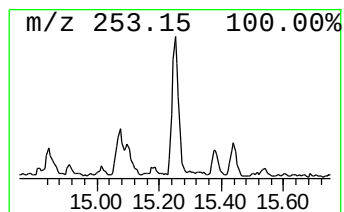
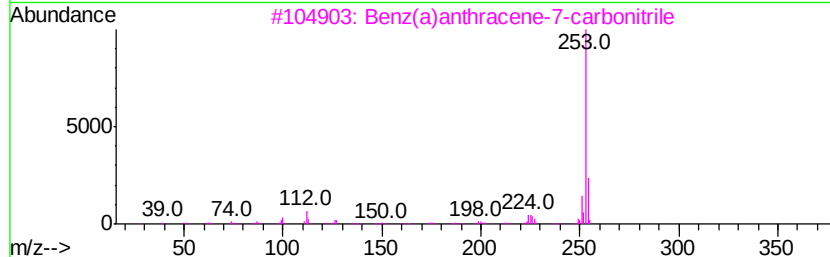
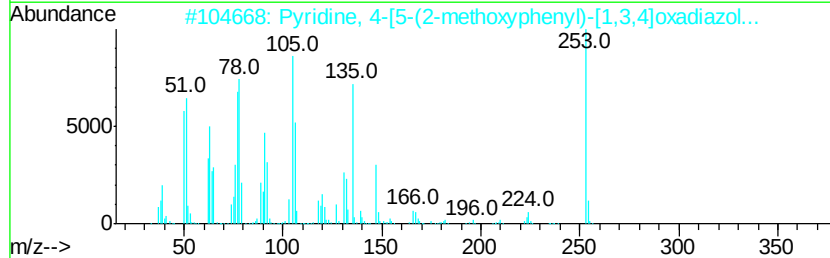
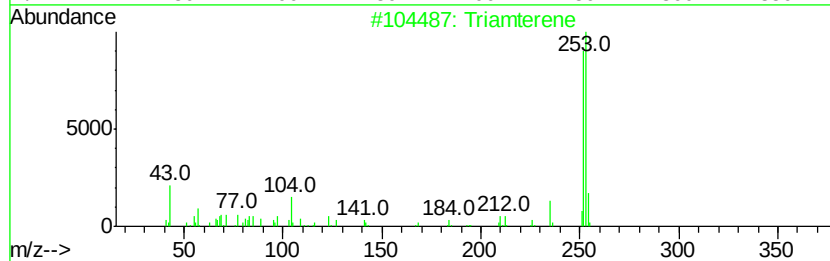
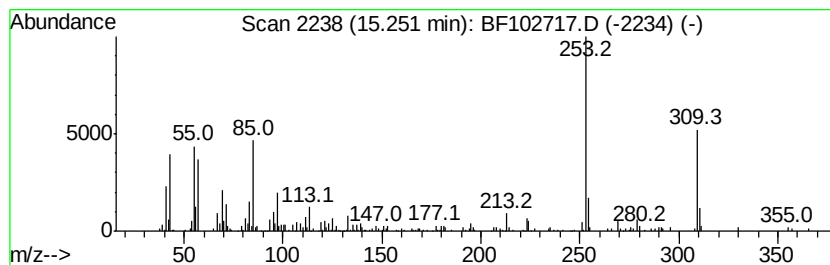
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.25 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	7.81 ng	427638	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triamterene	253	C12H11N7	000396-01-0	38
2		Pyridine, 4-[5-(2-methoxyphenyl)...]	253	C14H11N3O2	1000303-05-9	30
3		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	30
4		Phthalic acid, 3,4-dimethylpheny...	374	C24H22O4	1000315-70-6	27
5		Phthalic acid, di(3,4-dimethylph...	374	C24H22O4	1000309-82-6	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

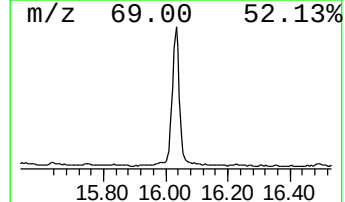
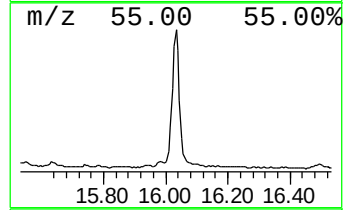
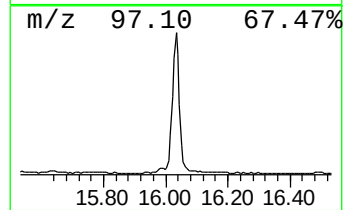
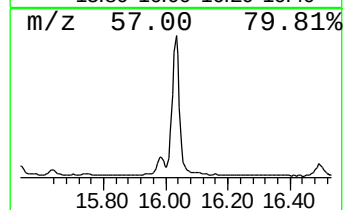
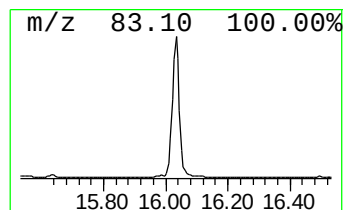
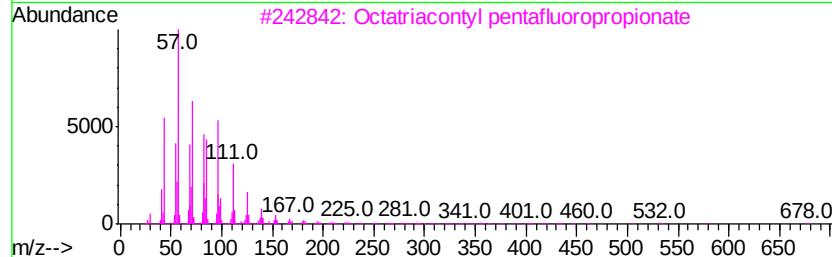
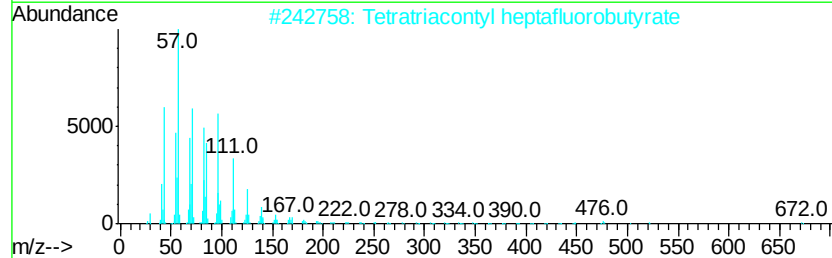
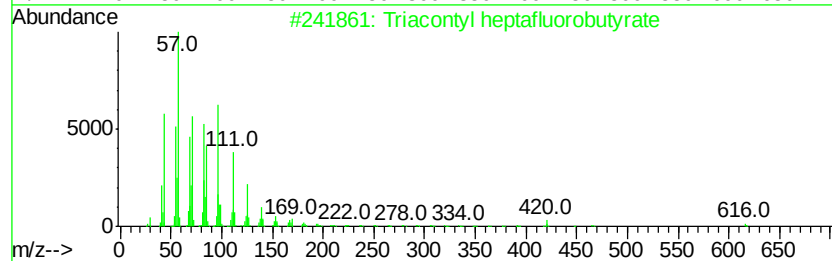
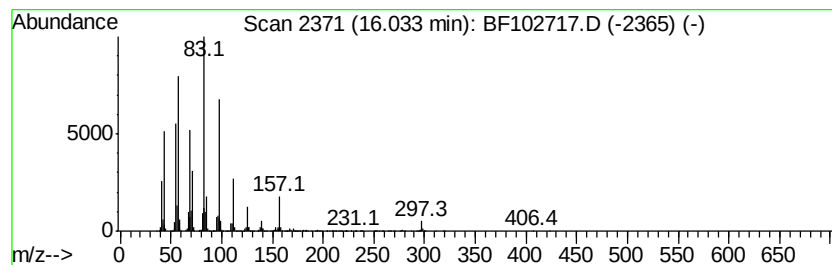
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	78.76 ng	4312560	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	38
2		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	38
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	38
4		17-Pentatriacontene	491	C35H70	006971-40-0	38
5		Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	38



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RT-1495

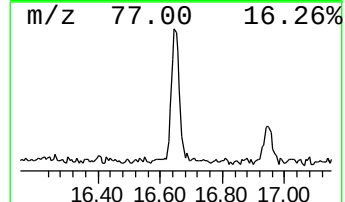
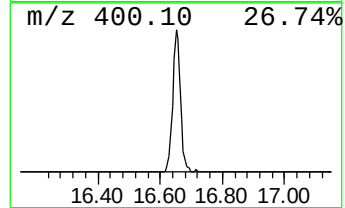
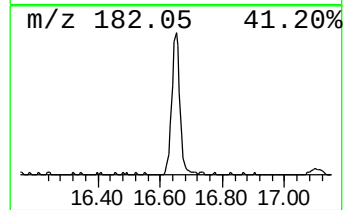
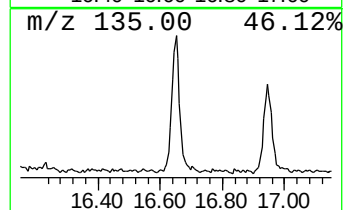
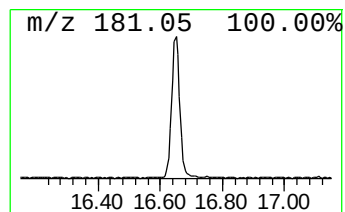
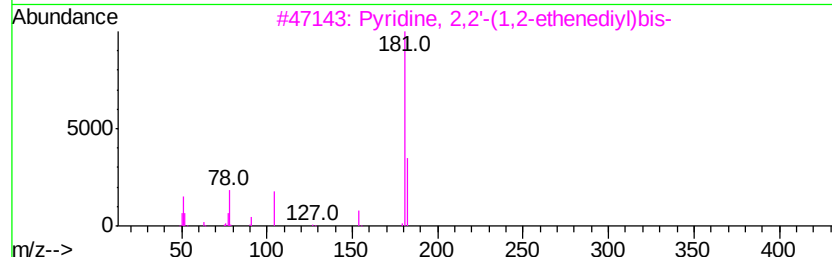
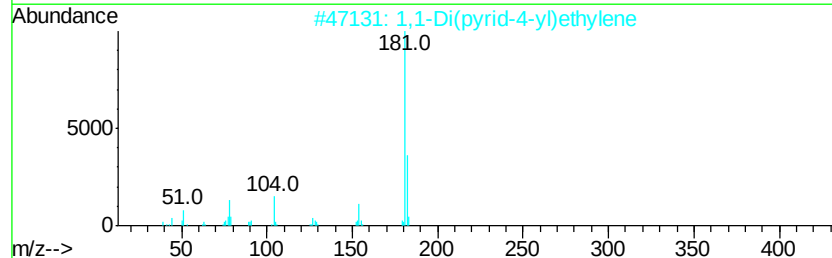
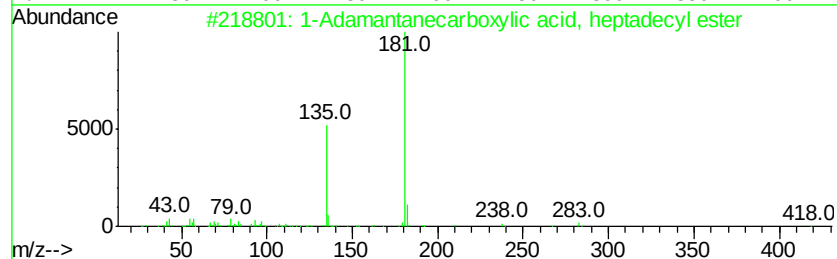
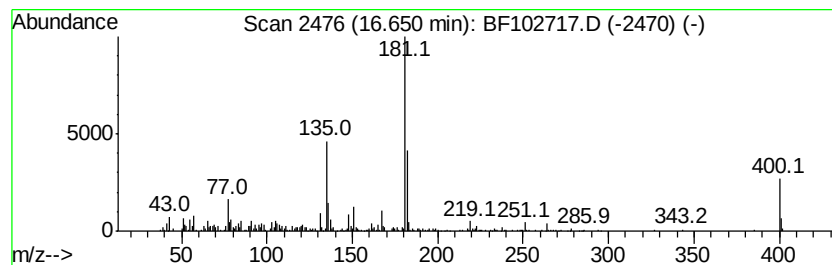
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	12.32 ng	674444	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanecarboxylic acid, hep...	418	C28H50O2	079676-91-8	47
2		1,1-Di(pyrid-4-yl)ethylene	182	C12H10N2	1000327-18-3	43
3		Pyridine, 2,2'-(1,2-ethenedivl)bis-	182	C12H10N2	001437-15-6	43
4		Furane-3-carboxylic acid, 5-tert...	330	C20H26O4	351065-56-0	38
5		2,4,6(1H,3H,5H)-Pyrimidinetrione...	224	C11H16N2O3	001861-21-8	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

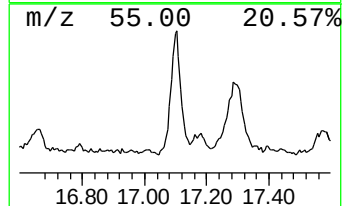
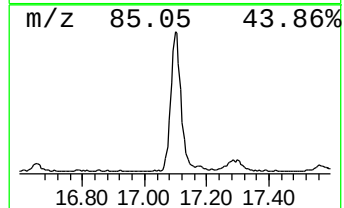
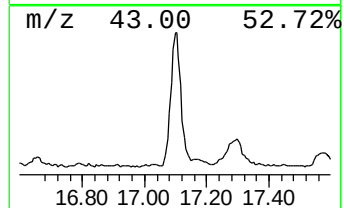
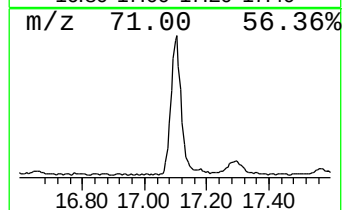
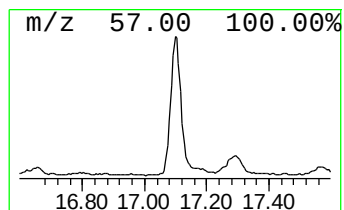
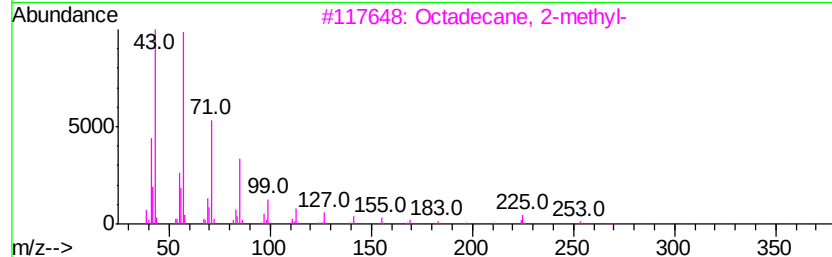
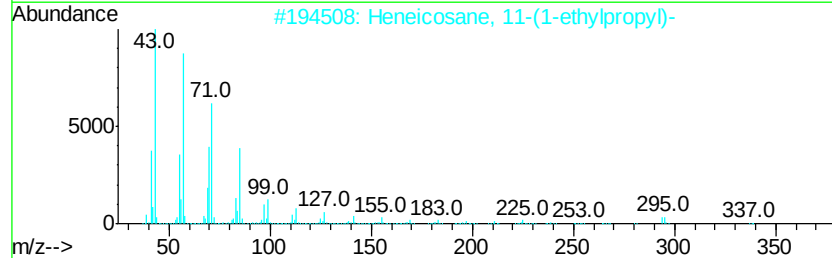
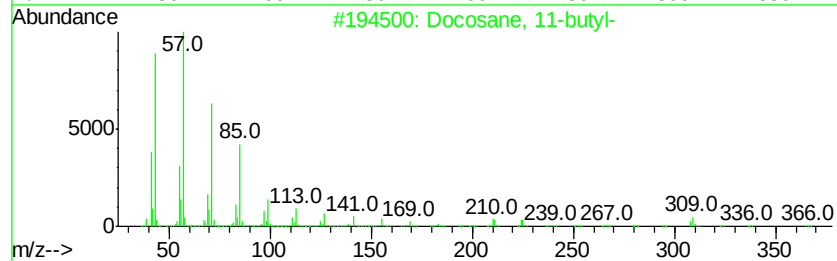
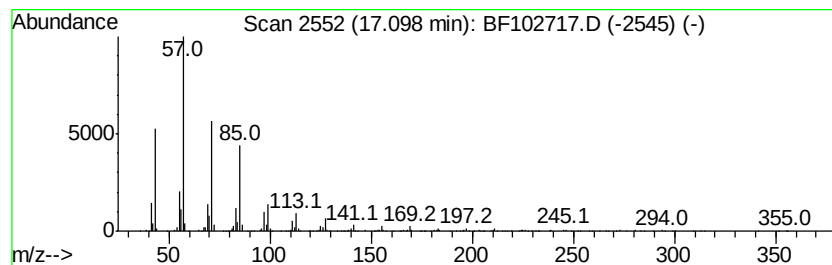
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane, 11-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	25.33 ng	1387210	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

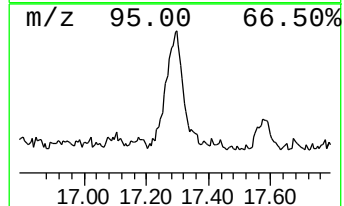
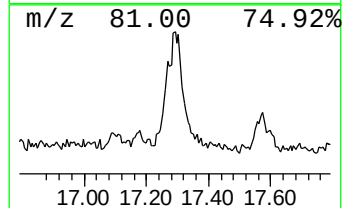
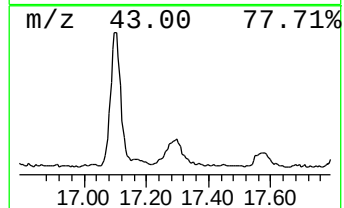
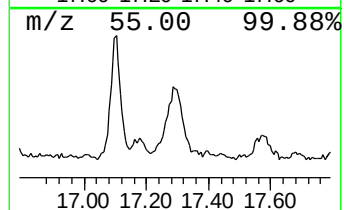
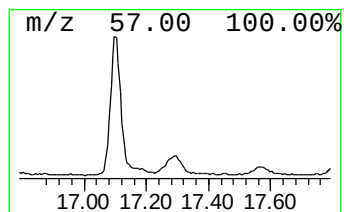
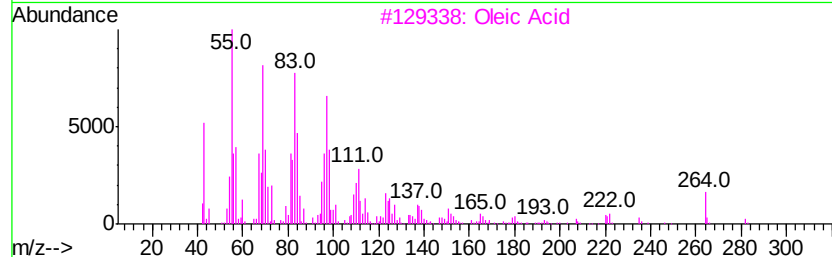
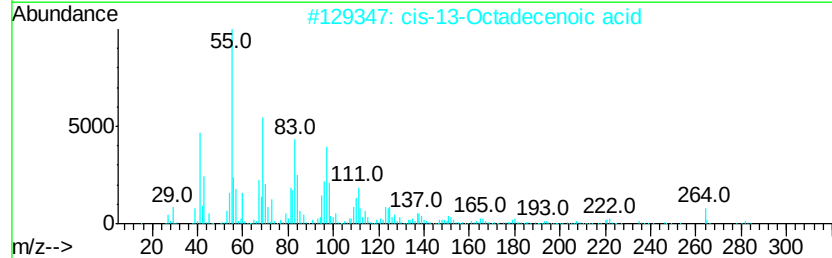
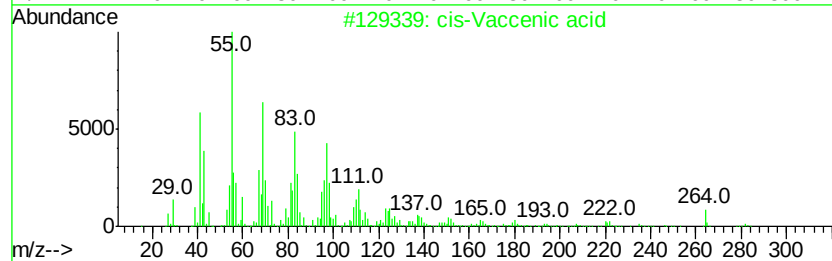
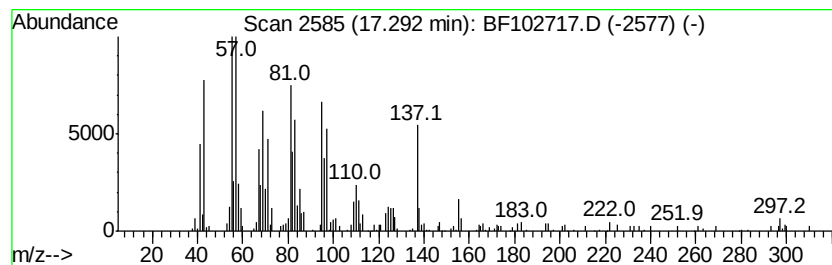
Instrument :
BNA_F
ClientSampleId :
RT-1495

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 cis-Vaccenic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	14.93 ng	817473	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis-Vaccenic acid	282 C18H34O2	000506-17-2 70
2		cis-13-Octadecenoic acid	282 C18H34O2	013126-39-1 64
3		Oleic Acid	282 C18H34O2	000112-80-1 64
4		trans-13-Octadecenoic acid	282 C18H34O2	000693-71-0 64
5		2-Heptadecenal	252 C17H32O	1000143-48-6 51



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

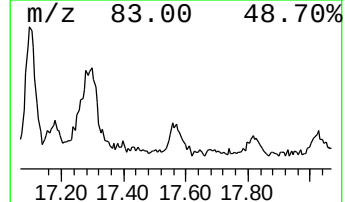
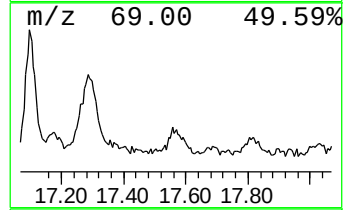
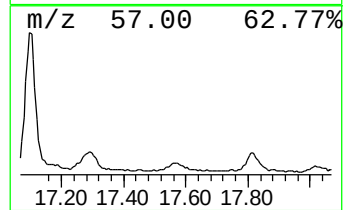
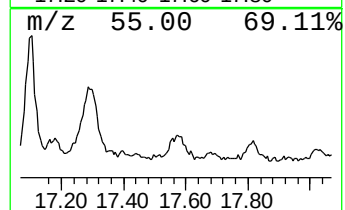
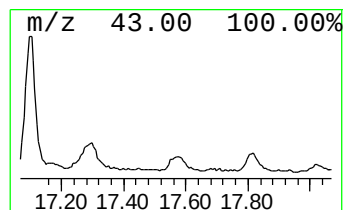
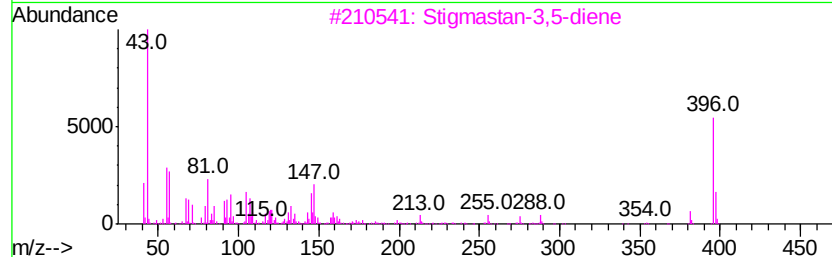
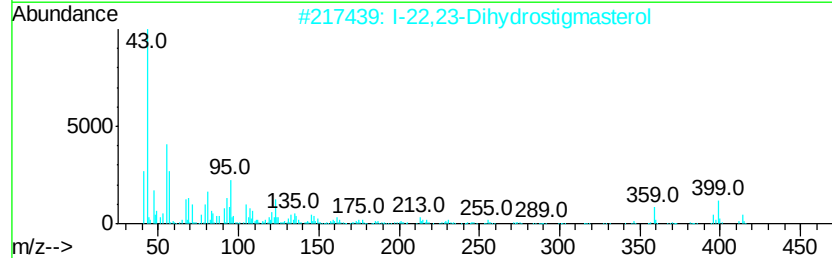
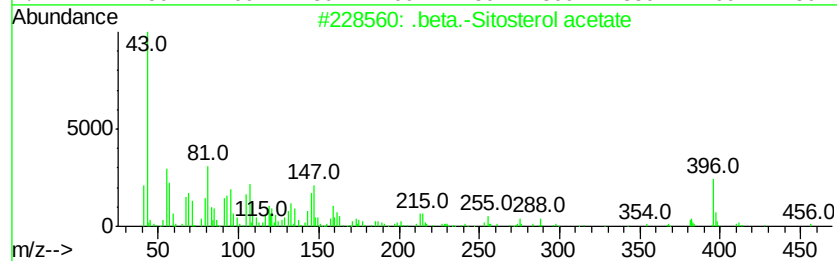
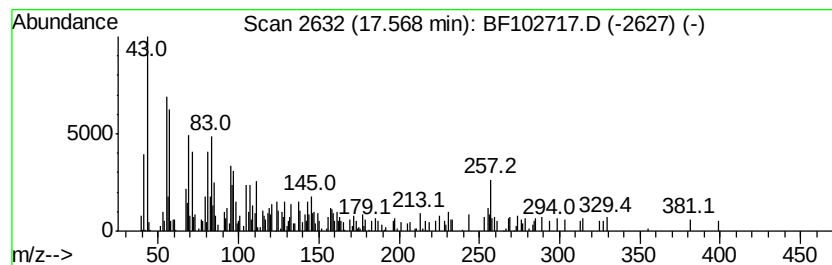
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	7.09 ng	388141	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	32
2		I-22,23-Dihydrostigmasterol	414	C29H50O	1000214-82-6	22
3		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	20
4		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	18
5		Bicyclo[3.3.1]nonan-3-one, 7-(am...	167	C10H17NO	056701-31-6	11



Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102717.D
Acq On : 3 Feb 2018 15:21
Operator : SJ/JU
Sample : J1410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1495

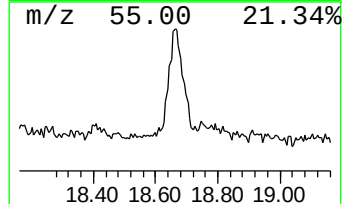
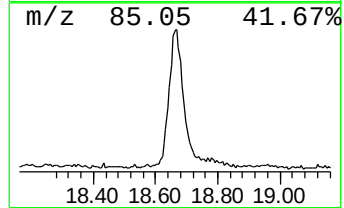
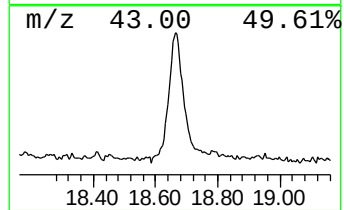
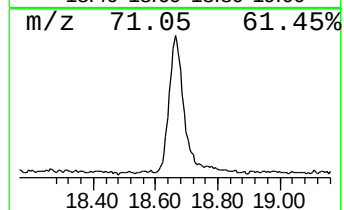
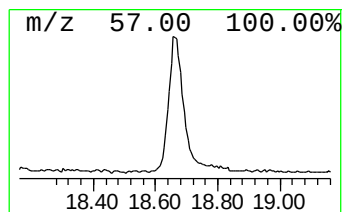
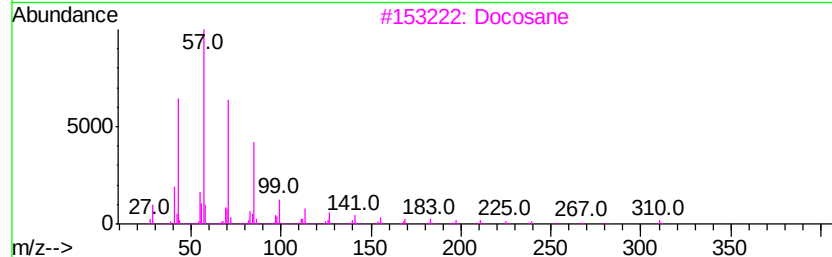
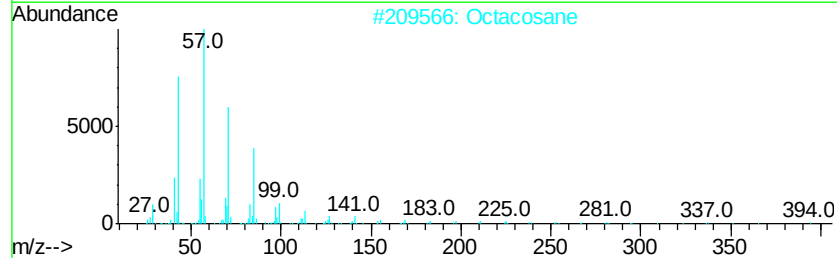
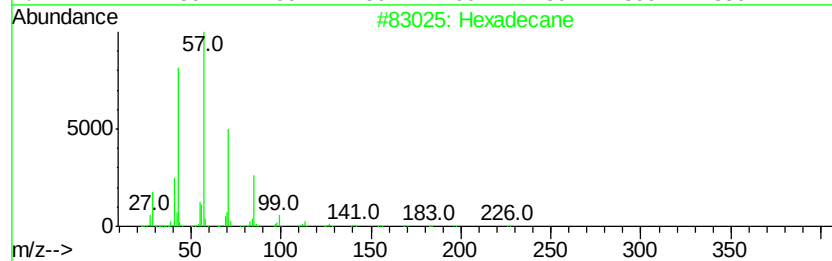
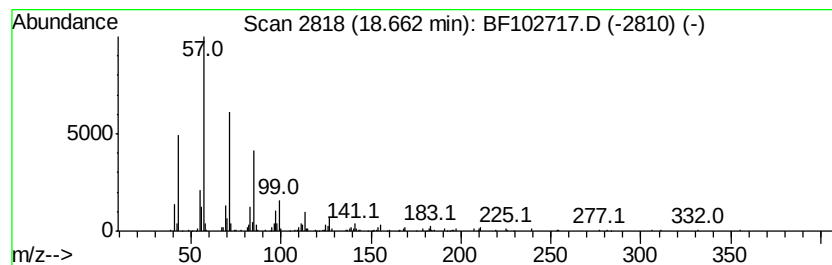
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	13.15 ng	720218	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : U:\HPCHEM1\BNA_F\DATA\BF020318\
 Data File : BF102717.D
 Acq On : 3 Feb 2018 15:21
 Operator : SJ/JU
 Sample : J1410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1495

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.15	11.5	ng	704203	1	6.87	1224770	20.0
unknown6.65	6.65	83.8	ng	5129400	1	6.87	1224770	20.0
Isobornyl acetate	8.73	5.8	ng	503459	2	8.16	1729990	20.0
unknown9.32	9.32	9.7	ng	850296	3	9.92	1755600	20.0
Disparlure	9.79	10.2	ng	897774	3	9.92	1755600	20.0
unknown9.83	9.83	7.5	ng	654774	3	9.92	1755600	20.0
1-Trimethylsilylp...	10.33	7.3	ng	644048	3	9.92	1755600	20.0
unknown10.38	10.38	9.2	ng	804956	3	9.92	1755600	20.0
Undecane, 3,6-dim...	10.57	15.2	ng	1332260	3	9.92	1755600	20.0
Tridecane, 5-propyl-	10.85	20.0	ng	2129280	4	11.42	2129280	20.0
2-Phenanthrenol, ...	13.31	11.1	ng	554212	5	14.04	996894	20.0
Heptadecyl heptaf...	13.87	9.5	ng	474438	5	14.04	996894	20.0
unknown15.25	15.25	7.8	ng	427638	6	15.51	1095160	20.0
unknown16.03	16.03	78.8	ng	4312560	6	15.51	1095160	20.0
unknown16.65	16.65	12.3	ng	674444	6	15.51	1095160	20.0
Docosane, 11-butyl-	17.10	25.3	ng	1387210	6	15.51	1095160	20.0
cis-Vaccenic acid	17.29	14.9	ng	817473	6	15.51	1095160	20.0
unknown17.57	17.57	7.1	ng	388141	6	15.51	1095160	20.0
Hexadecane	18.66	13.2	ng	720218	6	15.51	1095160	20.0