

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083619.D
 Acq On : 9 Dec 2015 3:38
 Operator : UM/IZ
 Sample : G4650-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)

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-BF120815.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	2.430	63	65	74	rVB3	10410	28620	1.60%	0.119%
2	3.515	159	160	175	rBV	136975	294483	16.49%	1.229%
3	3.984	199	201	223	rBV	422054	953531	53.39%	3.981%
4	5.276	311	314	323	rBV	681100	1478024	82.75%	6.171%
5	5.401	323	325	338	rVB	810524	1435081	80.35%	5.991%
6	5.699	348	351	358	rBV	584059	930672	52.11%	3.886%
7	5.916	367	370	382	rVB	436771	726255	40.66%	3.032%
8	6.350	406	408	416	rBV2	14023	40171	2.25%	0.168%
9	6.522	421	423	439	rBV	638308	993822	55.64%	4.149%
10	7.596	514	517	530	rBV	913793	1192028	66.74%	4.977%
11	9.150	650	653	657	rBV	20463	29102	1.63%	0.121%
12	9.333	666	669	678	rBV	1167146	1544592	86.48%	6.449%
13	9.550	686	688	692	rVB	14215	17871	1.00%	0.075%
14	10.030	727	730	735	rBV	308457	473880	26.53%	1.978%
15	10.213	744	746	750	rVB3	10074	18338	1.03%	0.077%
16	10.385	758	761	766	rBV	907827	1325883	74.24%	5.536%
17	10.785	790	796	799	rBV3	13177	37428	2.10%	0.156%
18	10.888	802	805	806	rVV2	9837	18481	1.03%	0.077%
19	10.933	806	809	811	rVB2	21493	32899	1.84%	0.137%
20	10.991	811	814	817	rBV	13983	19328	1.08%	0.081%
21	11.151	824	828	831	rBV2	12651	27219	1.52%	0.114%
22	11.219	832	834	837	rVV	95970	144921	8.11%	0.605%
23	11.276	837	839	843	rVV4	9543	18649	1.04%	0.078%
24	11.585	862	866	868	rBV	34163	74545	4.17%	0.311%
25	11.676	871	874	881	rVV	1205960	1786047	100.00%	7.457%
26	11.996	899	902	906	rBV2	123267	216800	12.14%	0.905%
27	12.065	906	908	911	rVB2	32340	49946	2.80%	0.209%
28	12.122	911	913	915	rBV2	26332	37607	2.11%	0.157%
29	12.305	927	929	931	rVV2	22518	44404	2.49%	0.185%
30	12.339	931	932	937	rVB3	26239	50850	2.85%	0.212%
31	12.419	937	939	941	rBV	29201	50250	2.81%	0.210%
32	12.465	941	943	945	rVB2	17805	27759	1.55%	0.116%
33	12.614	953	956	959	rBV5	10516	27179	1.52%	0.113%
34	12.728	964	966	968	rVV	63495	83384	4.67%	0.348%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083619.D
 Acq On : 9 Dec 2015 3:38
 Operator : UM/IZ
 Sample : G4650-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)

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-BF120815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.774	968	970	978	rVV	666894	1140620	63.86%	4.762%
36	12.888	978	980	982	rVV2	16476	26707	1.50%	0.112%
37	12.934	982	984	987	rVV2	17034	30254	1.69%	0.126%
38	13.025	990	992	996	rVB2	11369	19939	1.12%	0.083%
39	13.356	1019	1021	1024	rVB2	9446	19075	1.07%	0.080%
40	13.425	1024	1027	1031	rBV3	20219	38028	2.13%	0.159%
41	13.699	1049	1051	1054	rBV3	17304	35046	1.96%	0.146%
42	13.757	1054	1056	1059	rVV3	13155	24503	1.37%	0.102%
43	13.825	1059	1062	1072	rVV	169170	339700	19.02%	1.418%
44	14.202	1091	1095	1100	rBV	26232	57643	3.23%	0.241%
45	14.282	1100	1102	1105	rBV	16770	22981	1.29%	0.096%
46	14.339	1105	1107	1110	rBV2	18237	25990	1.46%	0.109%
47	14.442	1114	1116	1118	rBV	29918	40779	2.28%	0.170%
48	14.545	1123	1125	1129	rVV	54236	103403	5.79%	0.432%
49	14.614	1129	1131	1132	rVV	21195	27904	1.56%	0.116%
50	14.648	1132	1134	1137	rVB3	16089	25321	1.42%	0.106%
51	14.751	1140	1143	1146	rBV	32091	65002	3.64%	0.271%
52	14.854	1149	1152	1154	rVB2	58938	81055	4.54%	0.338%
53	14.968	1159	1162	1166	rBV5	16104	42341	2.37%	0.177%
54	15.105	1172	1174	1178	rBV2	130320	212961	11.92%	0.889%
55	15.162	1178	1179	1183	rVV	18700	30753	1.72%	0.128%
56	15.242	1183	1186	1189	rVB4	26941	44002	2.46%	0.184%
57	15.402	1197	1200	1205	rVB	1254499	1728578	96.78%	7.217%
58	15.688	1222	1225	1229	rBV2	33044	60908	3.41%	0.254%
59	15.871	1238	1241	1243	rBV4	14652	36308	2.03%	0.152%
60	15.917	1243	1245	1248	rVB	20635	28512	1.60%	0.119%
61	16.100	1258	1261	1266	rBV6	18651	43699	2.45%	0.182%
62	16.237	1266	1273	1275	rBV2	97199	205242	11.49%	0.857%
63	16.294	1275	1278	1283	rVB2	43899	81898	4.59%	0.342%
64	16.420	1285	1289	1291	rVV3	37554	84224	4.72%	0.352%
65	16.488	1293	1295	1298	rVV	55088	88425	4.95%	0.369%
66	16.545	1298	1300	1303	rVB	28820	40394	2.26%	0.169%
67	16.671	1309	1311	1313	rBV2	13291	18793	1.05%	0.078%
68	16.763	1316	1319	1323	rVB	83705	138333	7.75%	0.578%
69	16.911	1329	1332	1336	rBV3	185856	369724	20.70%	1.544%
70	16.991	1336	1339	1344	rVB	597205	849172	47.54%	3.545%
71	17.243	1359	1361	1363	rBV2	14609	18842	1.05%	0.079%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

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-BF120815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.345	1368	1370	1373	rBV	38643	62360	3.49%	0.260%
73	17.734	1401	1404	1409	rVB2	133100	204639	11.46%	0.854%
74	17.894	1417	1418	1420	rVB	33371	31093	1.74%	0.130%
75	18.146	1438	1440	1442	rVB	40959	53060	2.97%	0.222%
76	18.226	1444	1447	1448	rBV3	37131	70810	3.96%	0.296%
77	18.408	1460	1463	1467	rBV2	69781	192586	10.78%	0.804%
78	18.626	1480	1482	1488	rVB	505901	706201	39.54%	2.948%
79	19.071	1519	1521	1522	rBV	49331	67417	3.77%	0.281%
80	19.106	1522	1524	1531	rVB6	49953	147928	8.28%	0.618%
81	20.271	1623	1626	1631	rBV4	73482	226094	12.66%	0.944%
82	20.671	1658	1661	1667	rVB7	60704	158747	8.89%	0.663%
83	20.854	1673	1677	1683	rBV5	107100	343947	19.26%	1.436%
84	20.957	1683	1686	1691	rVB3	116107	303249	16.98%	1.266%
85	21.060	1692	1695	1699	rVB4	39189	91878	5.14%	0.384%
86	21.677	1746	1749	1753	rBV6	29659	93338	5.23%	0.390%
87	21.826	1757	1762	1769	rVB2	243075	721886	40.42%	3.014%

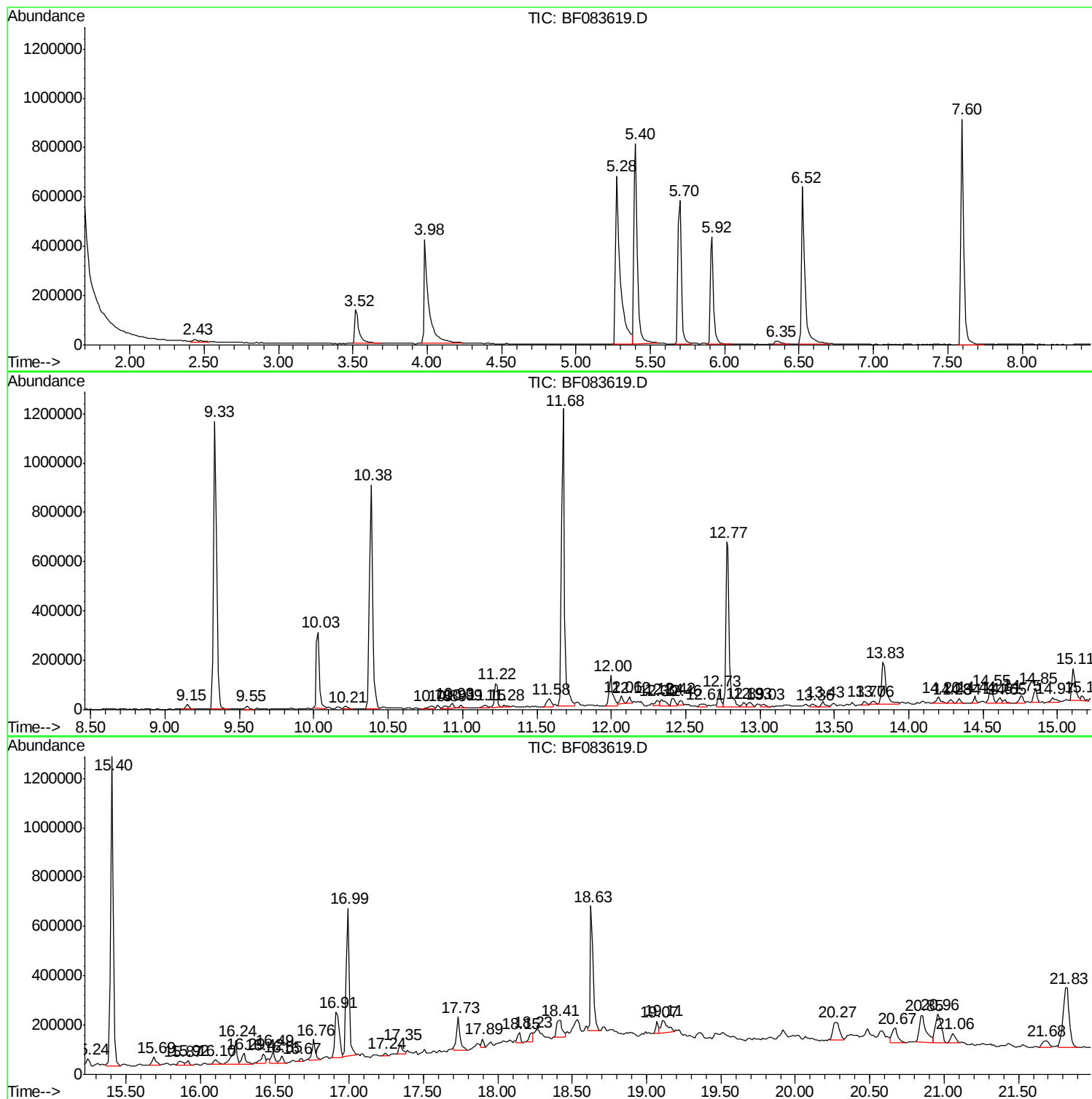
Sum of corrected areas: 23952341

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

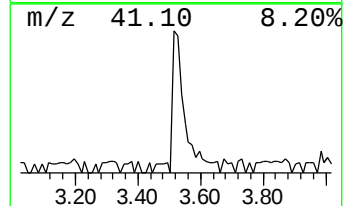
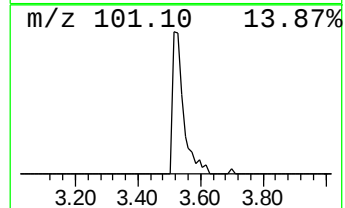
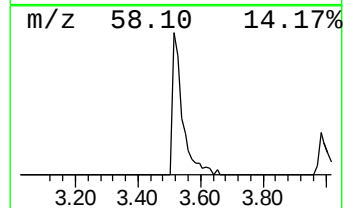
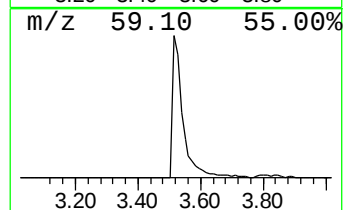
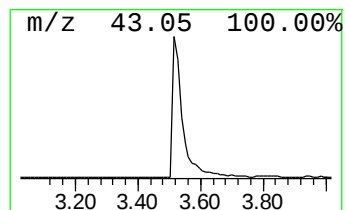
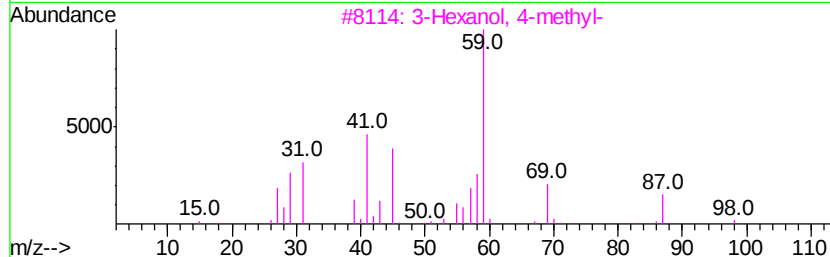
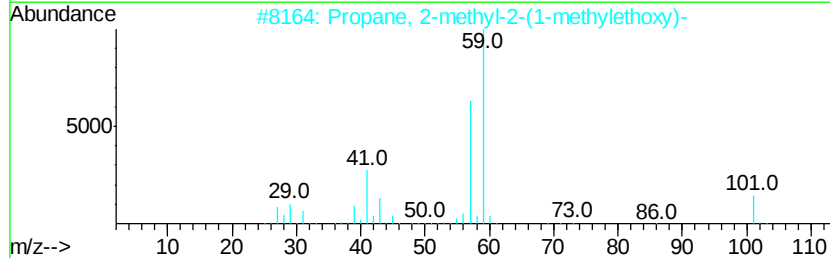
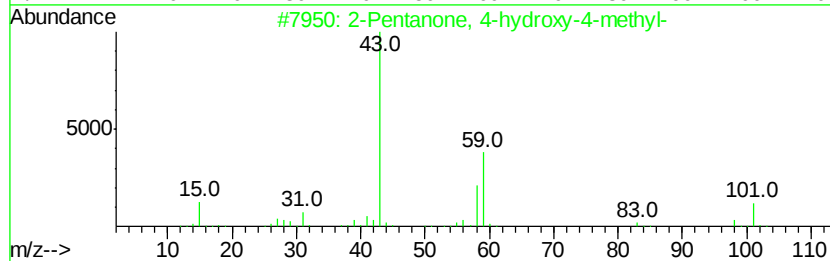
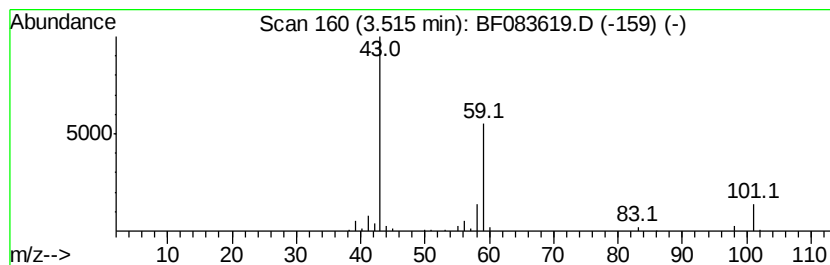
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	6.33 ng	294483	1,4-Dichlorobenzene-d4	5.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

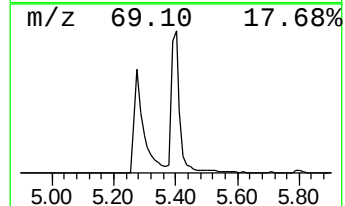
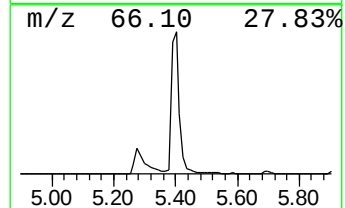
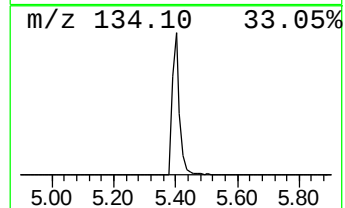
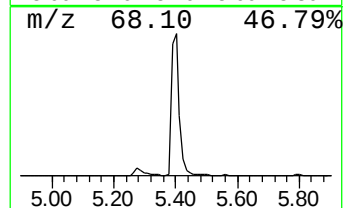
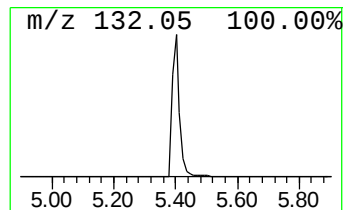
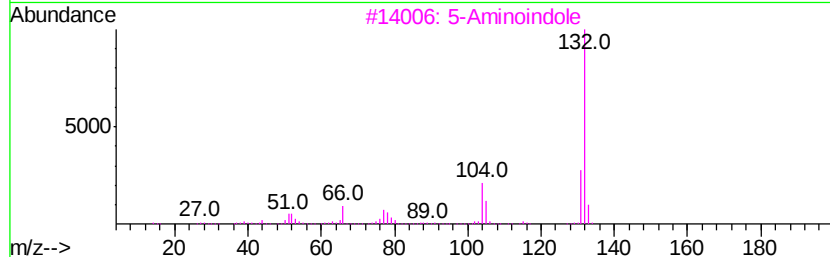
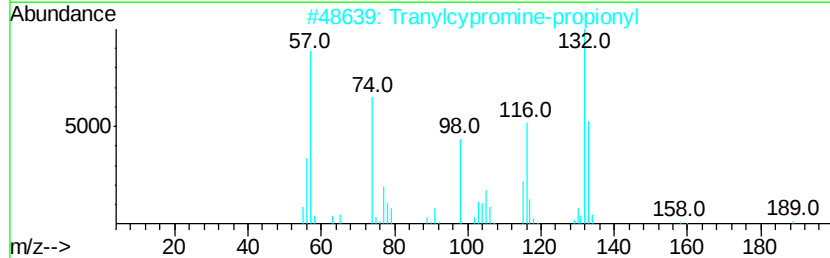
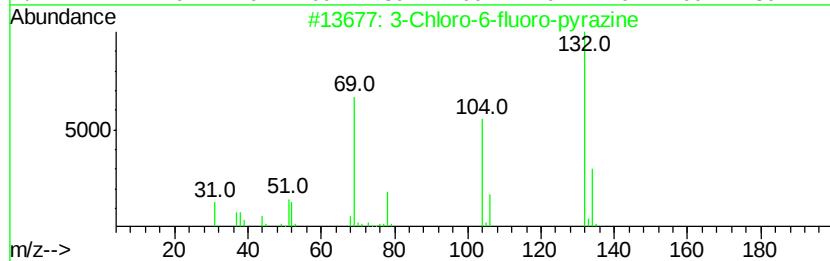
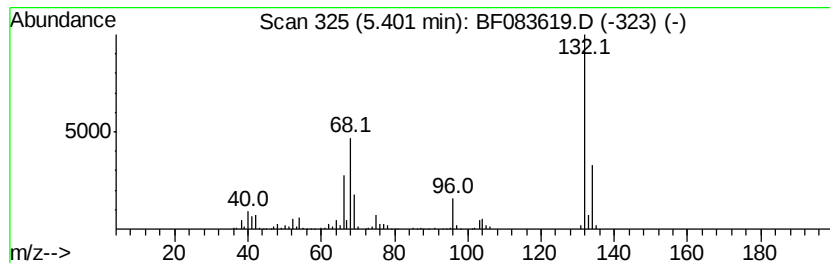
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	30.84 ng	1435080	1,4-Dichlorobenzene-d4	5.70

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	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

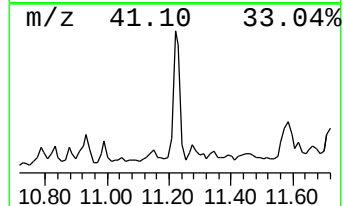
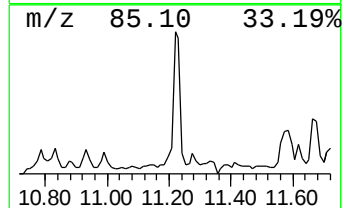
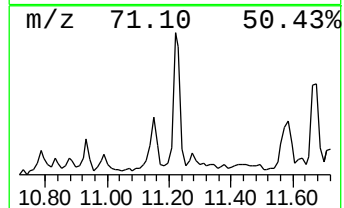
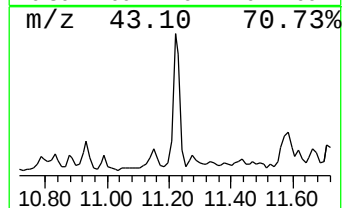
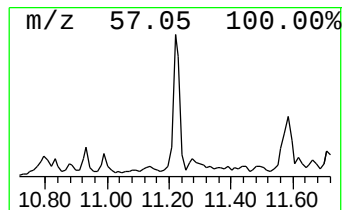
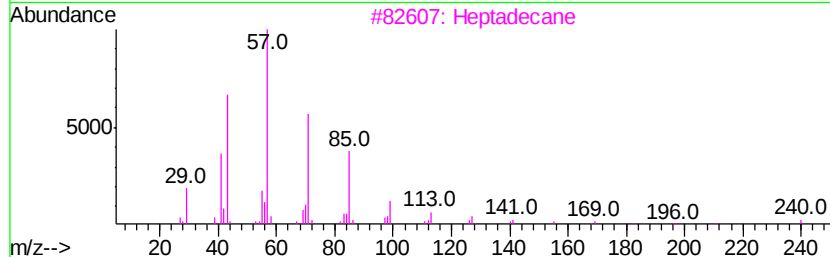
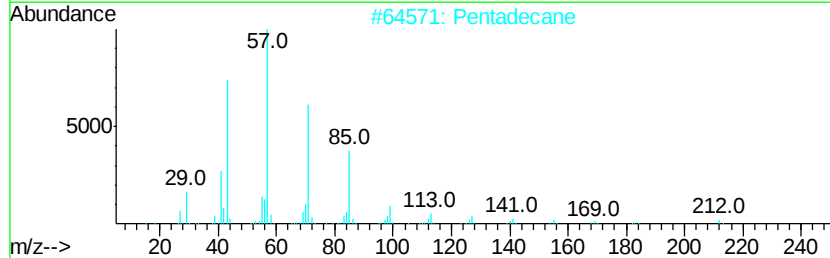
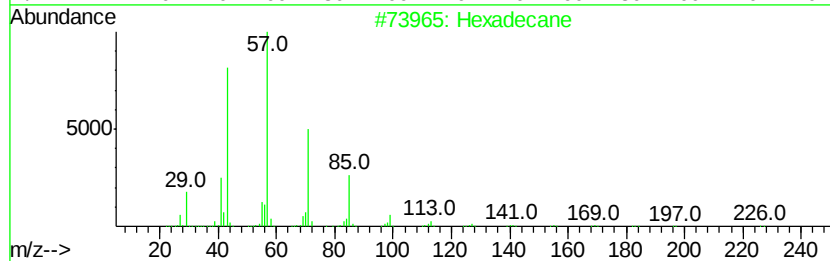
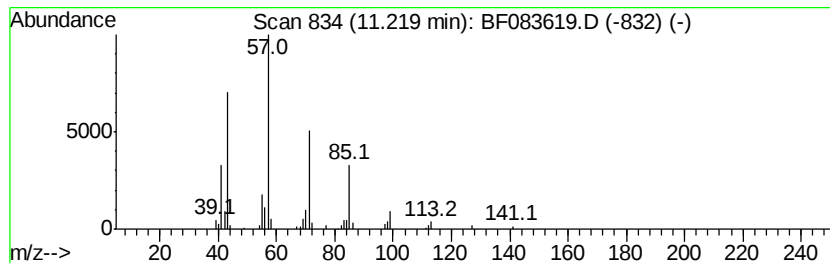
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.19 ng	144921	Acenaphthene-d10	10.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

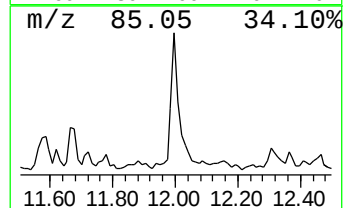
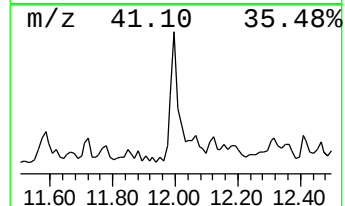
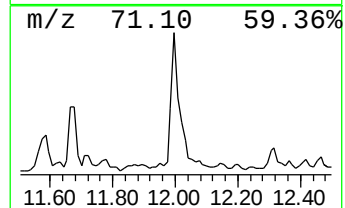
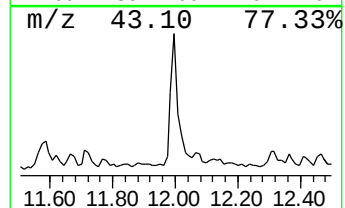
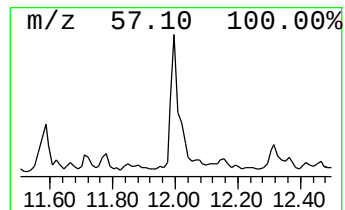
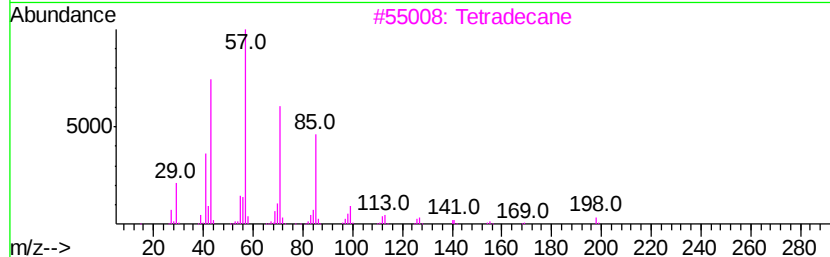
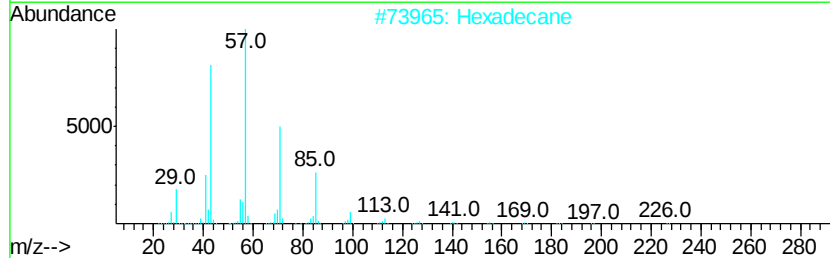
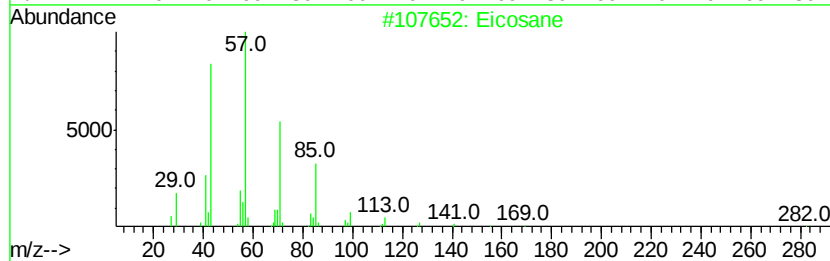
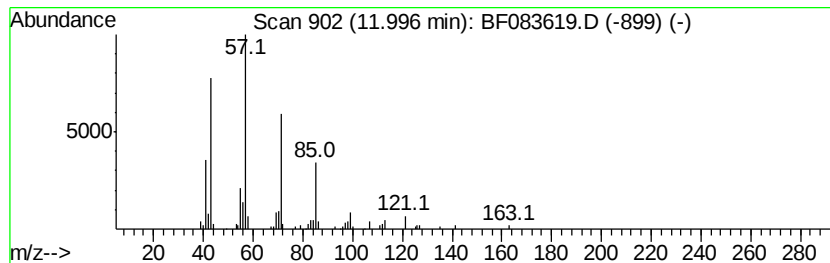
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.80 ng	216800	Phenanthrene-d10	12.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	80
4	Pentadecane		212	C15H32	000629-62-9	80
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

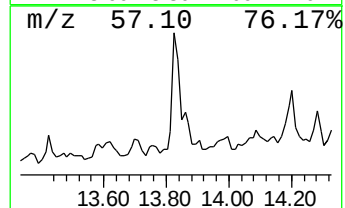
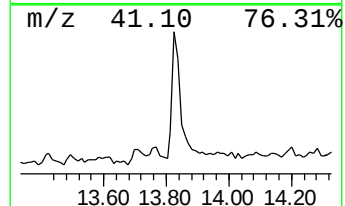
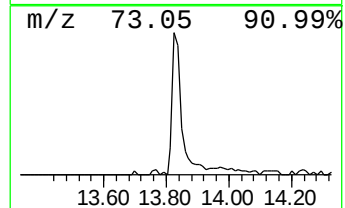
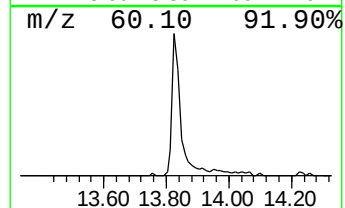
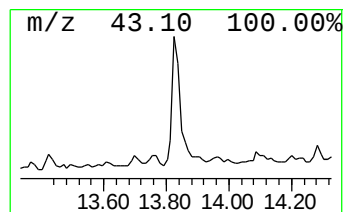
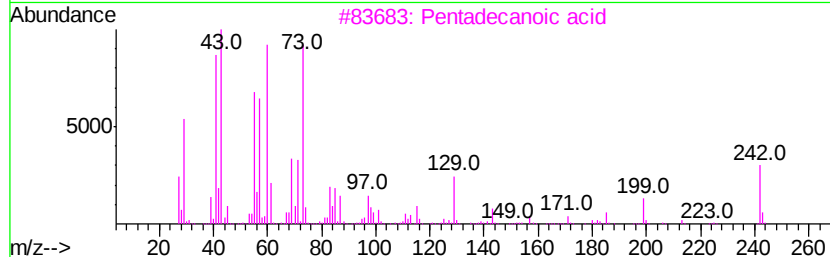
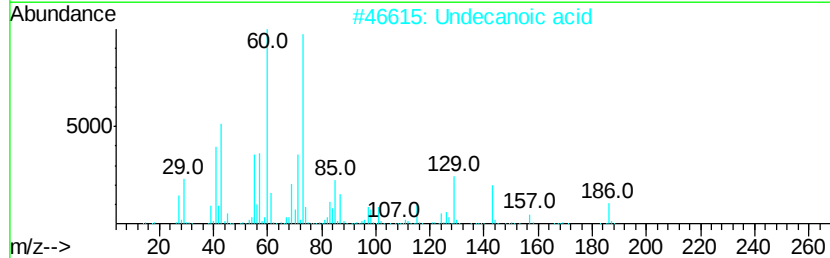
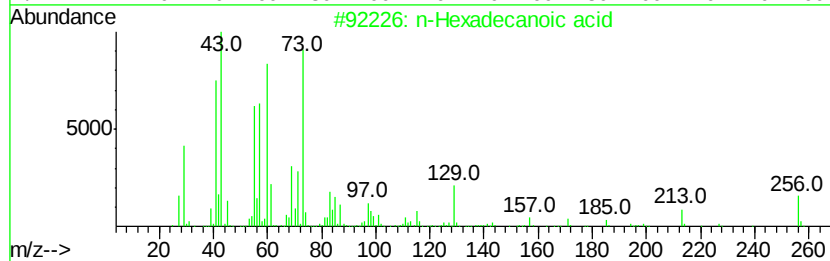
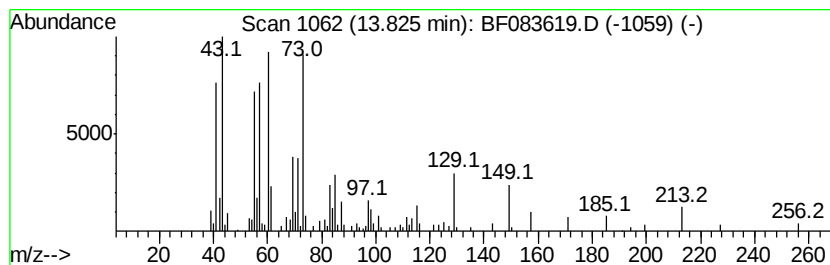
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.96 ng	339700	Phenanthrene-d10	12.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
2	Undecanoic acid	186	C11H22O2	000112-37-8	72	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

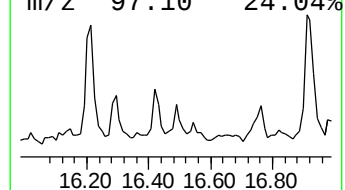
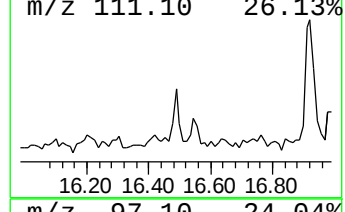
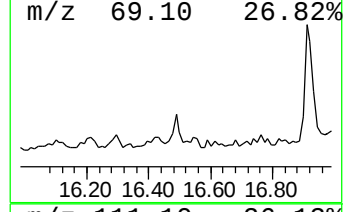
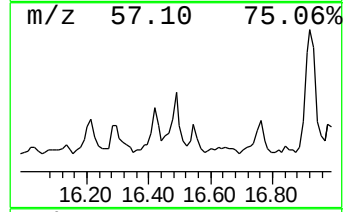
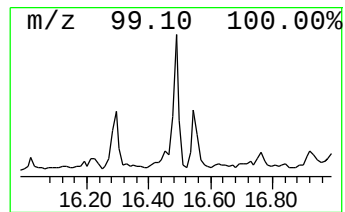
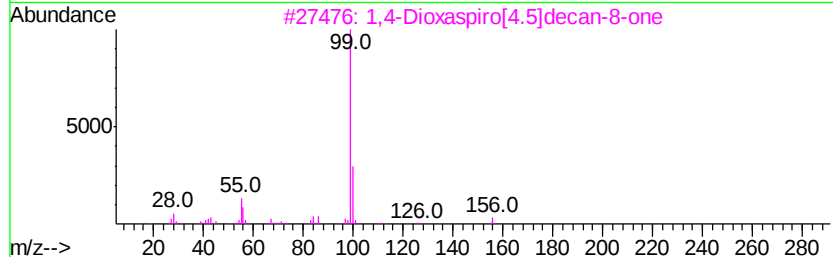
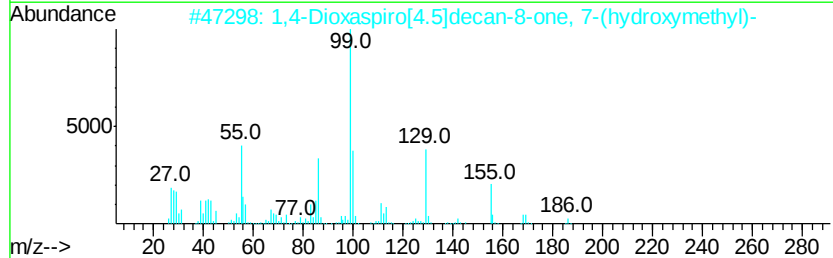
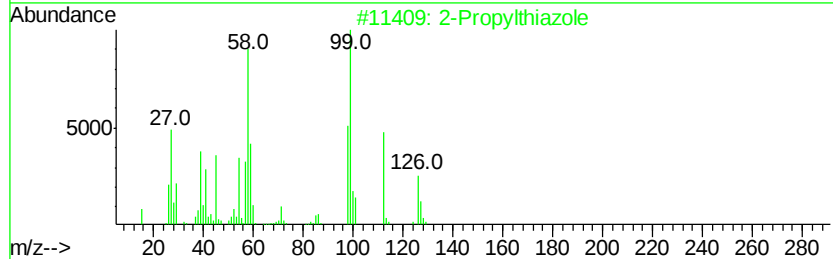
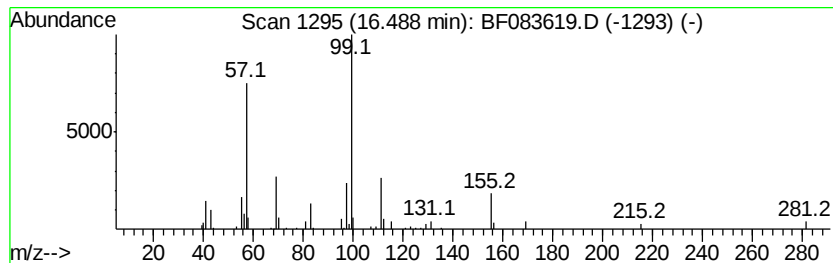
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown16.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.08 ng	88425	Chrysene-d12	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propylthiazole	127	C6H9NS	017626-75-4	35
2		1,4-Dioxaspiro[4.5]decan-8-one, ...	186	C9H14O4	108177-20-4	33
3		1,4-Dioxaspiro[4.5]decan-8-one	156	C8H12O3	004746-97-8	32
4		5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	32
5		Ethanedicarboxamide, N-(3,5-dime...	304	C16H24N4O2	346596-53-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

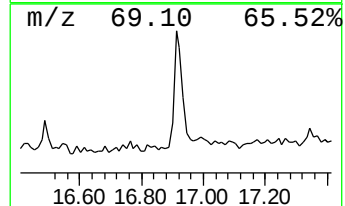
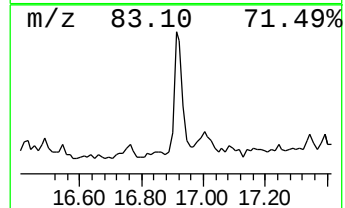
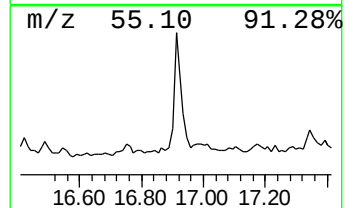
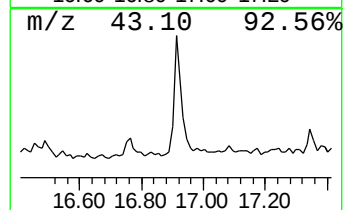
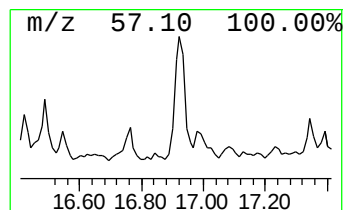
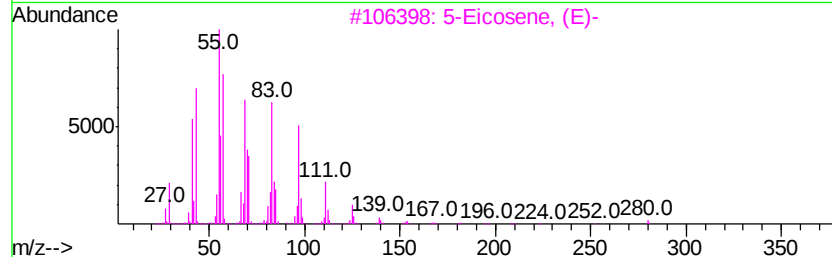
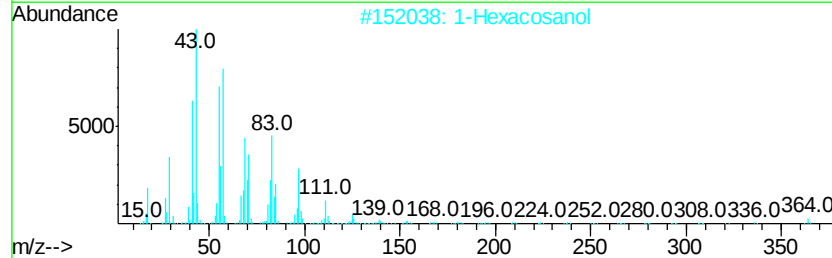
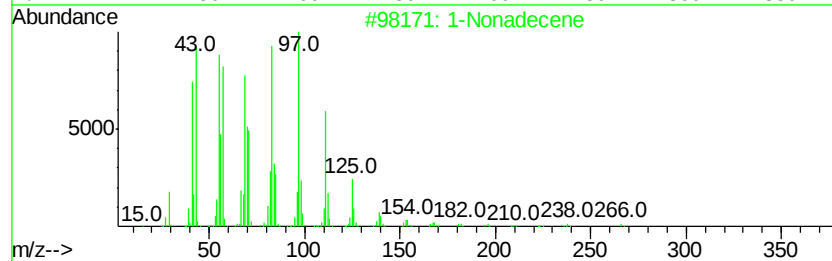
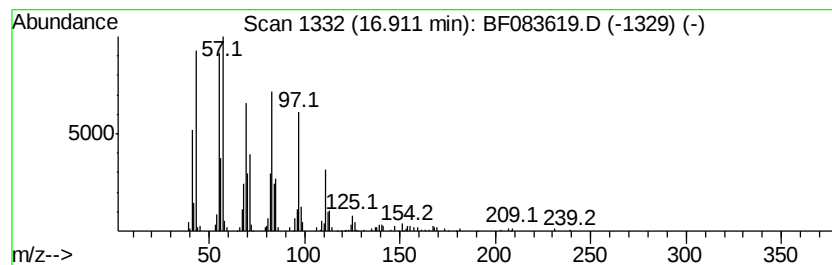
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	8.71 ng	369724	Chrysene-d12	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	87
2			1-Hexacosanol	382	C26H54O	000506-52-5	87
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4			1-Tetracosanol	354	C24H50O	000506-51-4	81
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

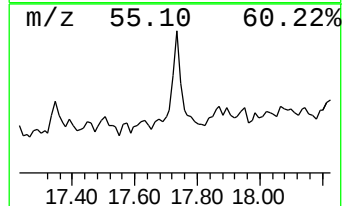
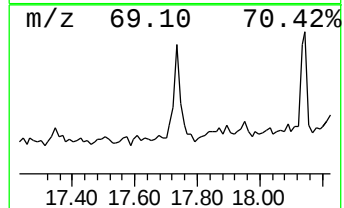
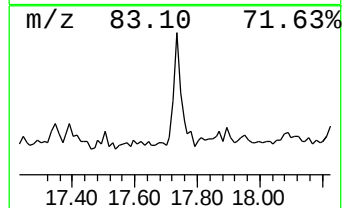
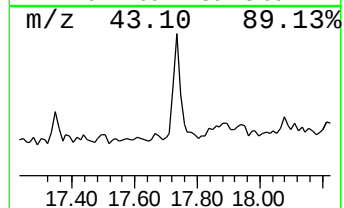
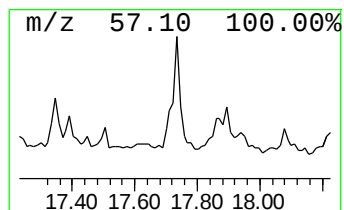
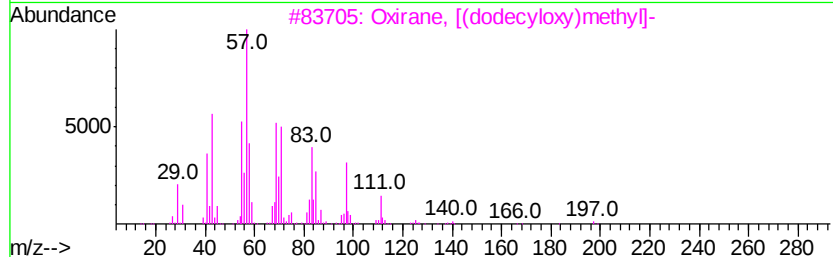
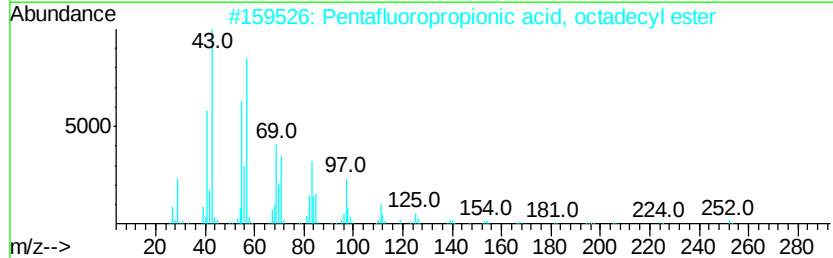
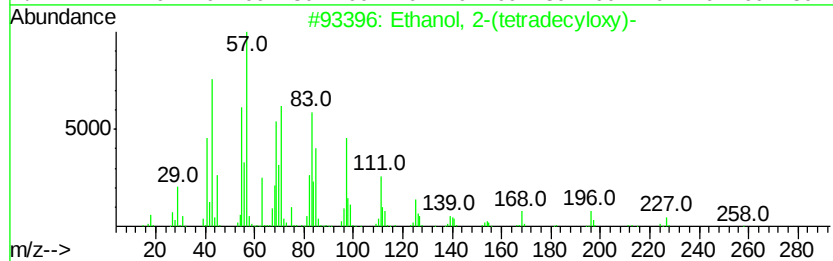
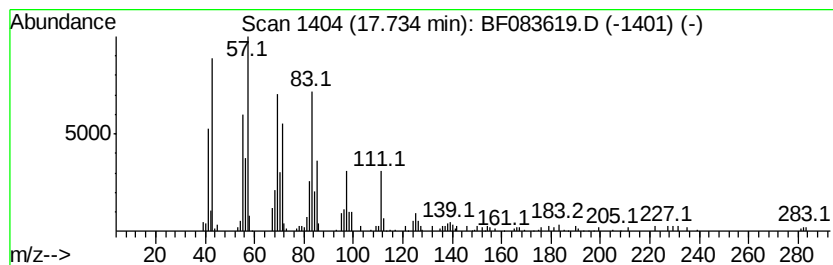
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ethanol, 2-(tetradecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.73	4.82 ng	204639	Chrysene-d12	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Pentafluoropropionic acid, octadecyl-	416	C21H37F5O2	1000280-07-7	80
3		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	80
4		1-Tetracosanol	354	C24H50O	000506-51-4	74
5		17-Pentatriacontene	491	C35H70	006971-40-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

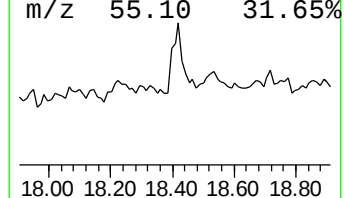
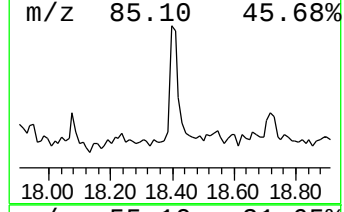
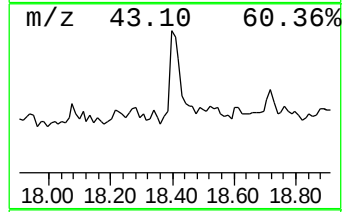
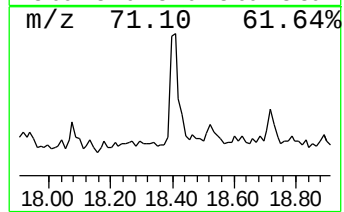
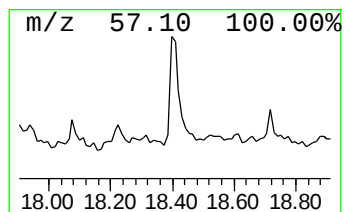
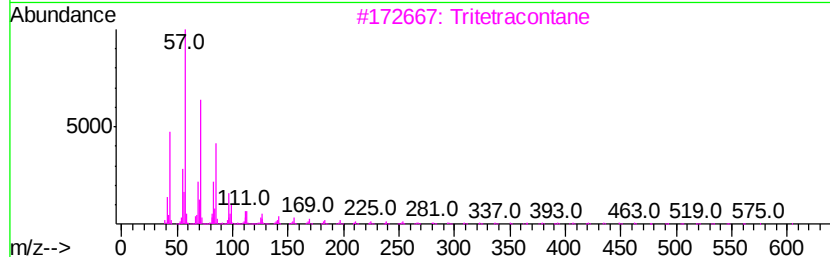
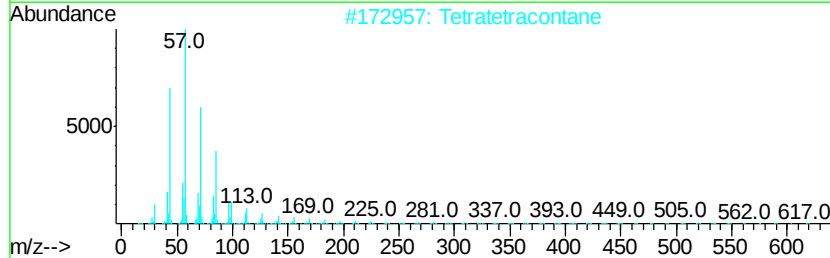
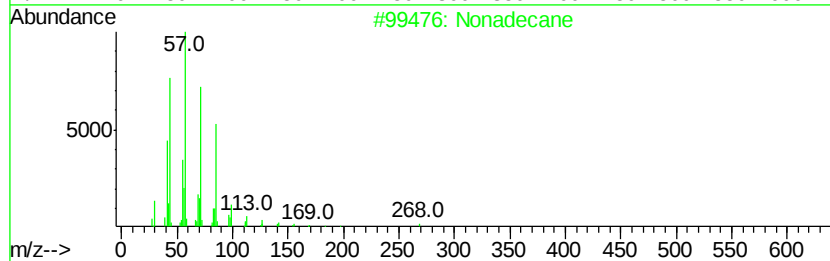
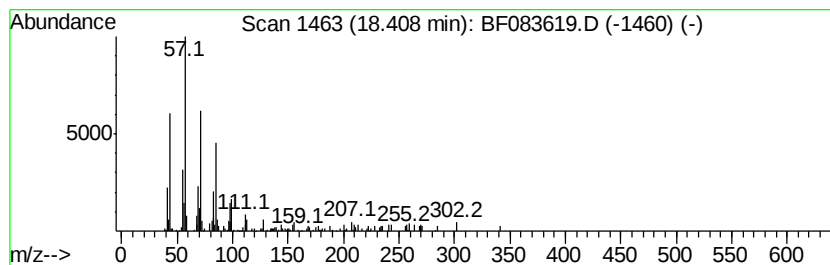
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	5.45 ng	192586	Perylene-d12	18.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Tritetracontane	605	C43H88	007098-21-7	87
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5			Hentriacontane	437	C31H64	000630-04-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

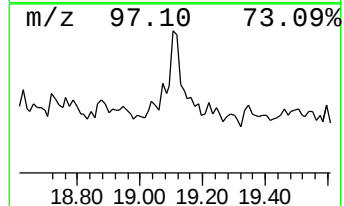
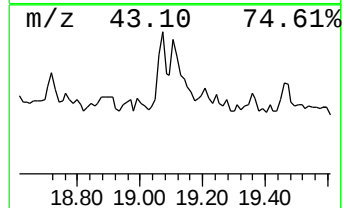
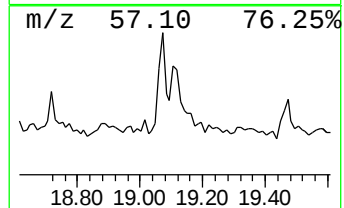
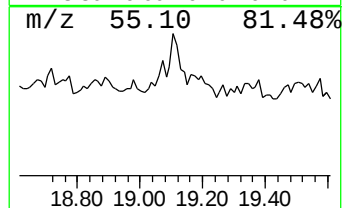
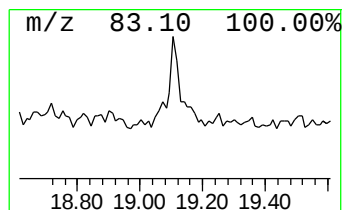
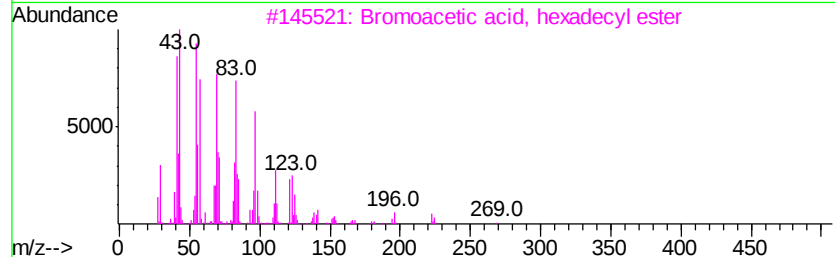
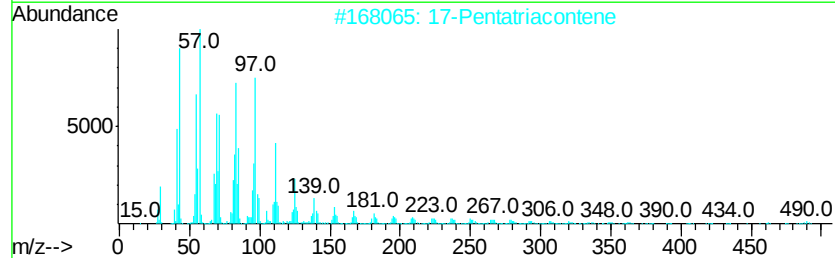
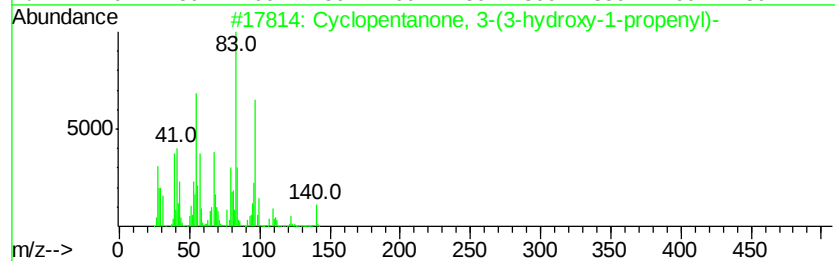
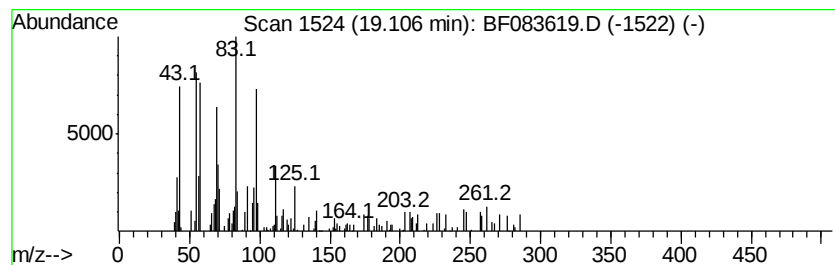
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopentanone, 3-(3-hydrox... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	4.19 ng	147928	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	53
2		17-Pentatriacontene	491	C35H70	006971-40-0	52
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	38
4		1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	30
5		1-Hexadecanethiol	258	C16H34S	002917-26-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

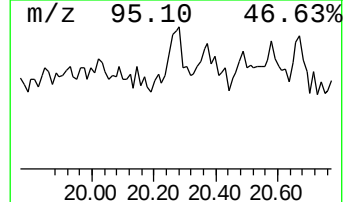
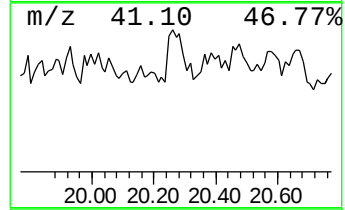
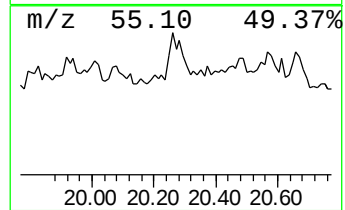
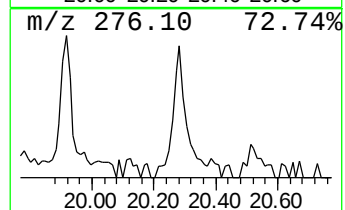
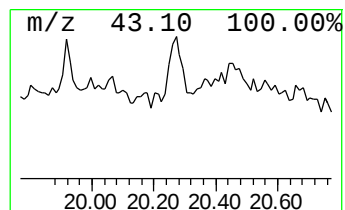
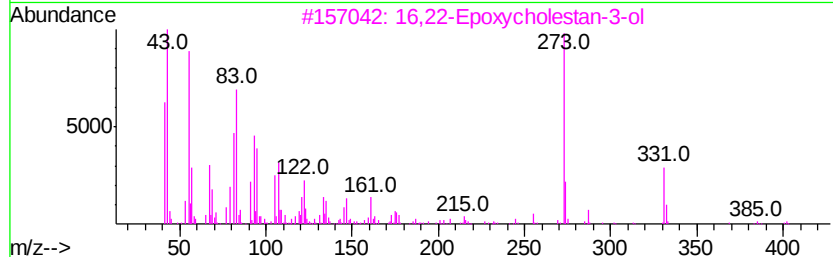
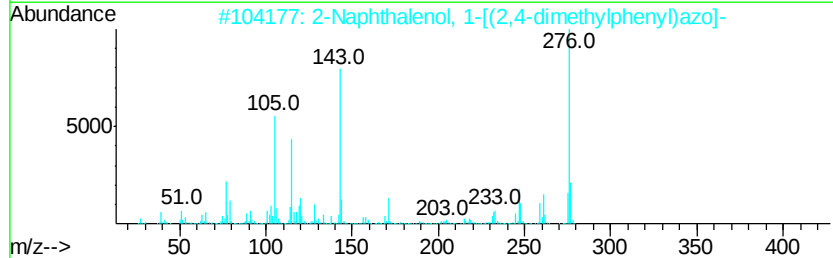
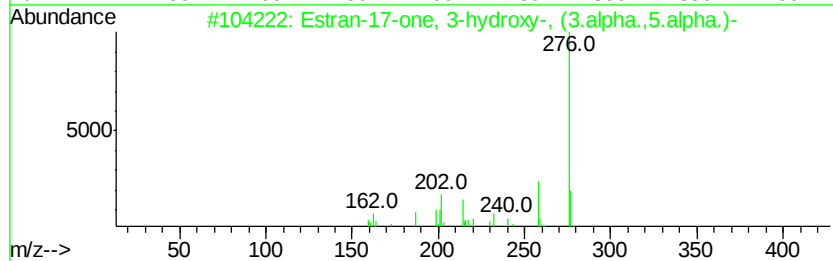
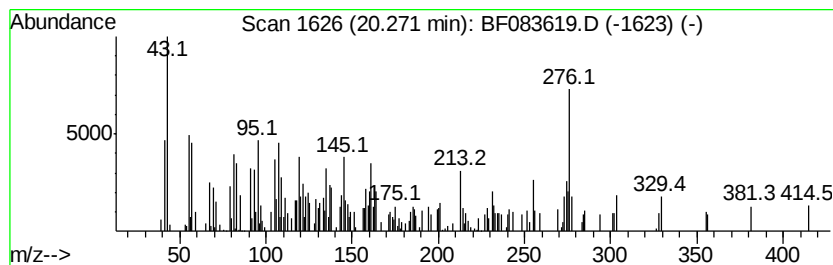
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown20.27 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	6.40 ng	226094	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Estran-17-one, 3-hydroxy-, (3.alpha...	276	C18H28O2	001225-01-0	35
2		2-Naphthalenol, 1-[(2,4-dimethyl...	276	C18H16N2O	003118-97-6	25
3		16,22-Epoxycholestan-3-ol	402	C27H46O2	1000252-58-8	22
4		Bicyclo[2.2.2]oct-2-ene, 1,4,5,5...	276	C10H10F6O2	077495-76-2	18
5		12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

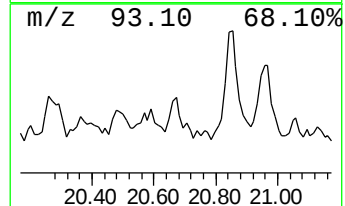
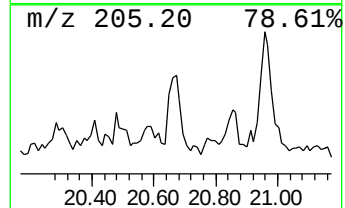
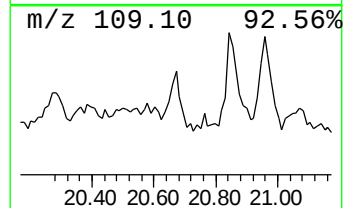
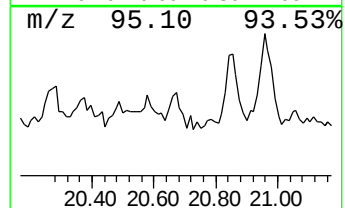
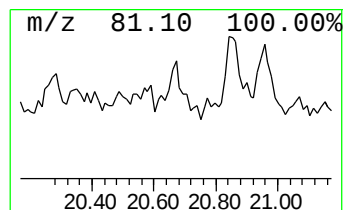
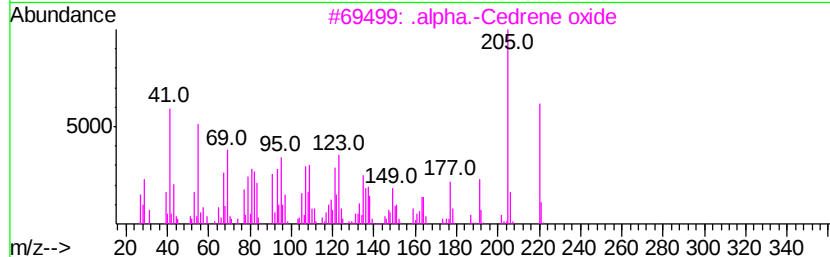
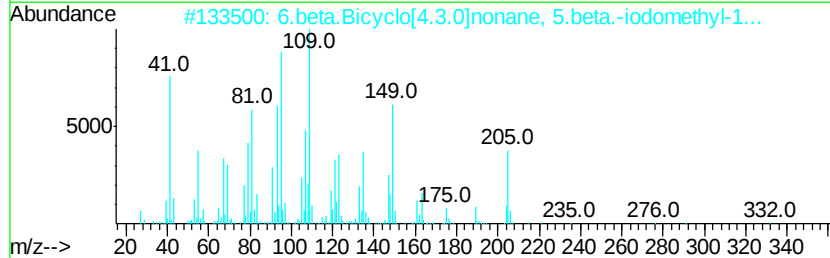
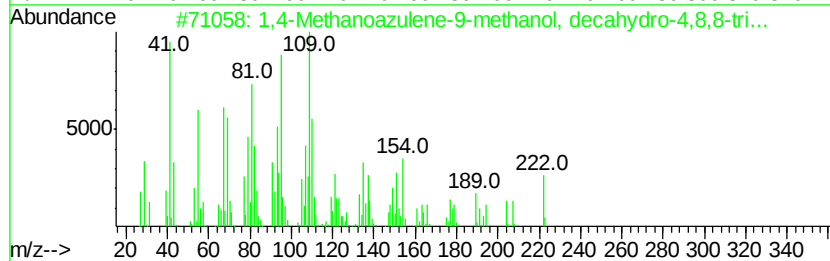
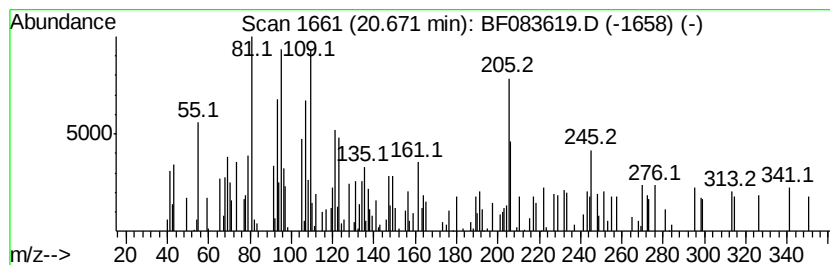
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown20.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.67	4.50 ng	158747	Perylene-d12	18.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	38
2	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	22
3	.alpha.-Cedrene oxide	220	C15H24O	1000159-39-1	14
4	Osalmid	229	C13H11N03	000526-18-1	11
5	Pyrazole, 1-(2,4-dichlorophenoxy...	298	C13H12Cl2N2O2	013241-78-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
BRIDGE14-13(0-2)

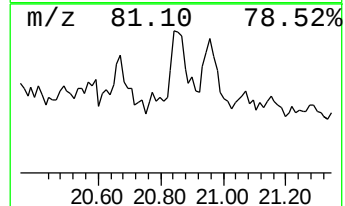
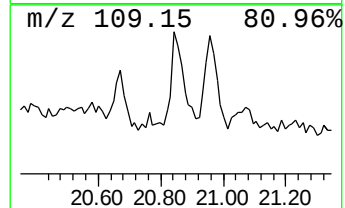
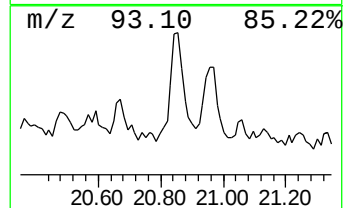
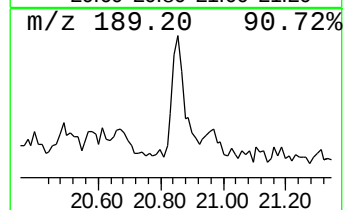
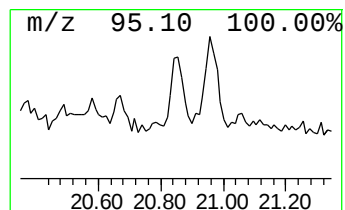
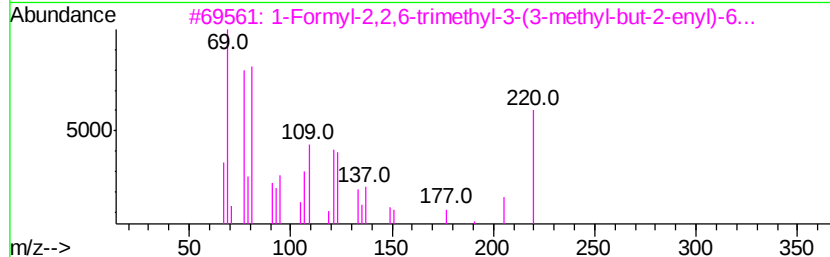
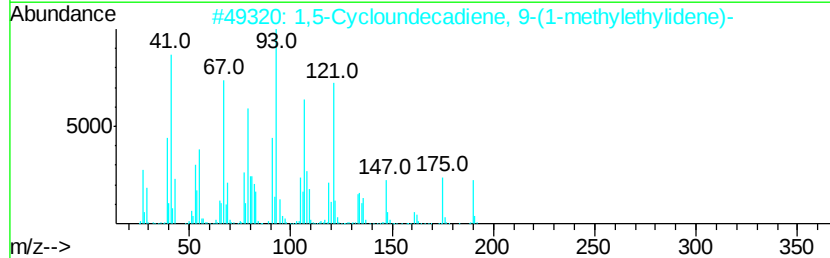
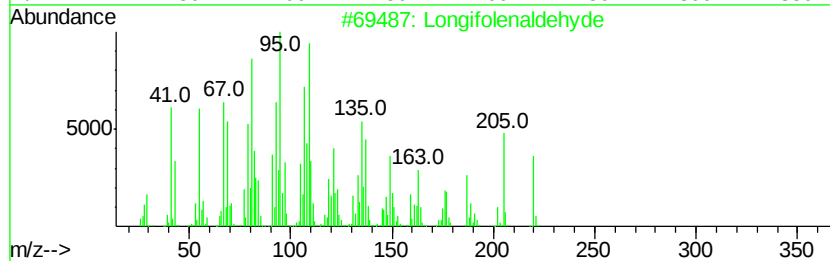
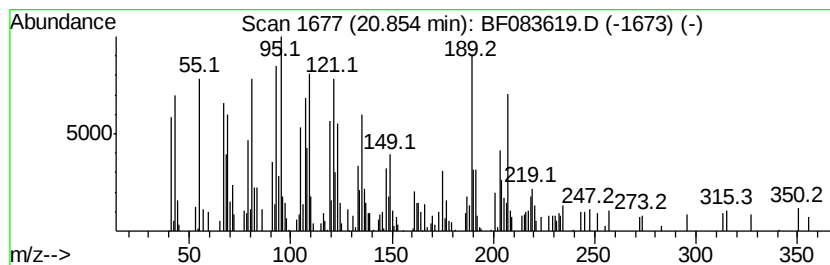
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown20.85 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	9.74 ng	343947	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolenaldehyde	220	C15H24O	019890-84-7	46
2		1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	44
3		1-Formyl-2,2,6-trimethyl-3-(3-me...	220	C15H24O	108287-18-9	41
4		Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	38
5		Culmorin	238	C15H26O2	018374-83-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

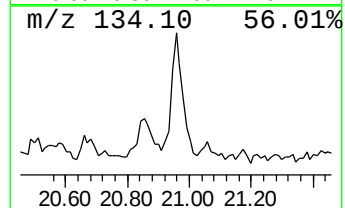
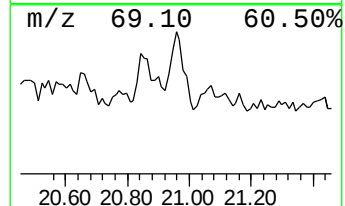
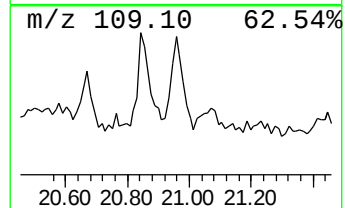
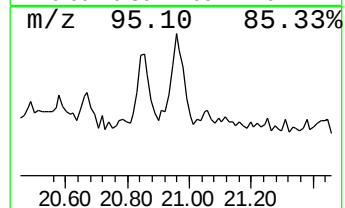
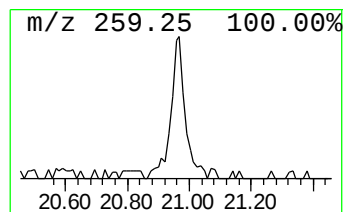
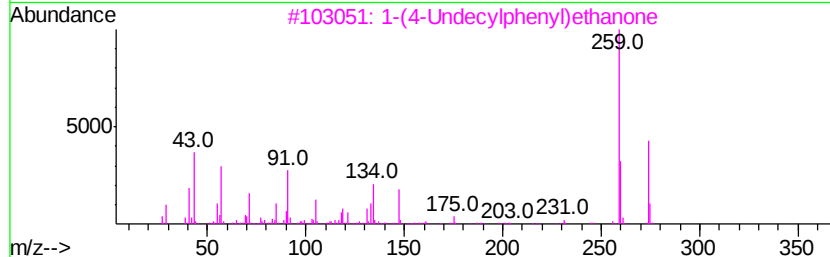
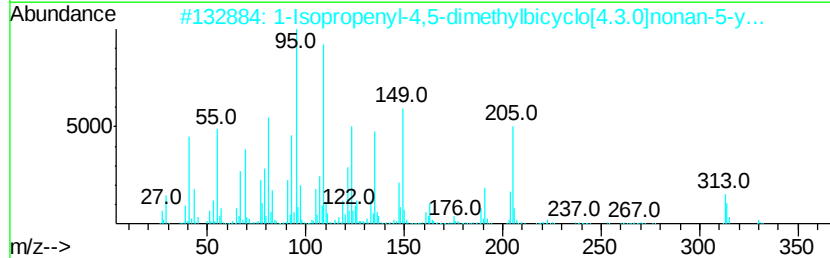
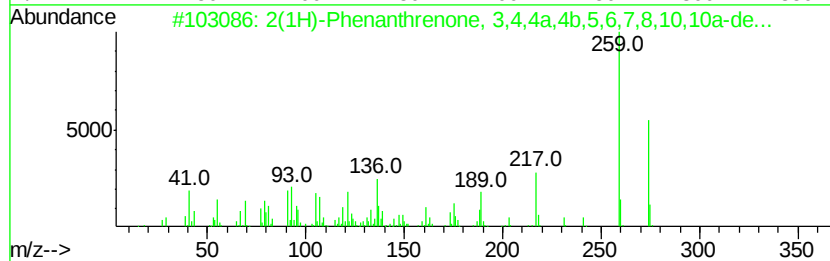
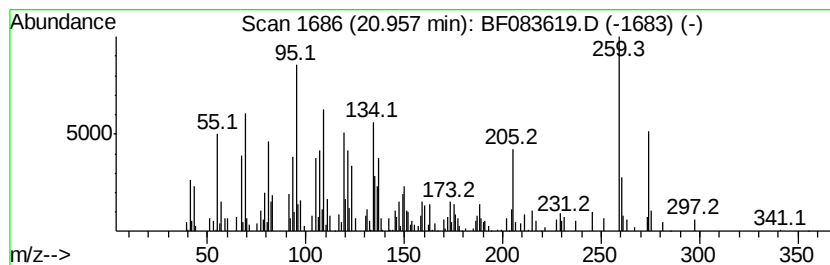
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown20.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	8.59 ng	303249	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
2		1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	30
3		1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	25
4		Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	22
5		1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

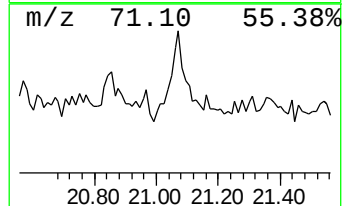
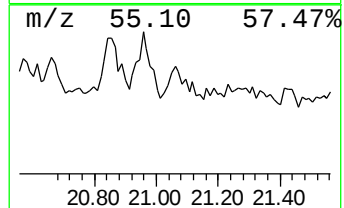
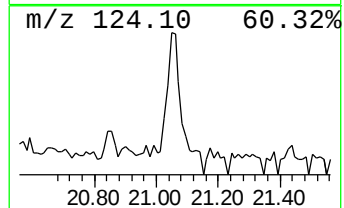
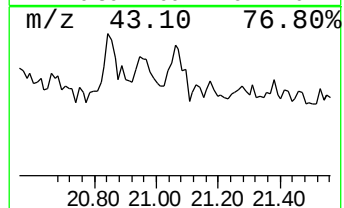
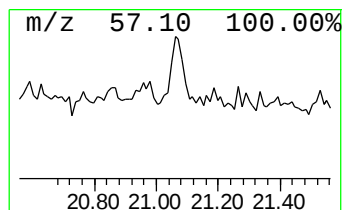
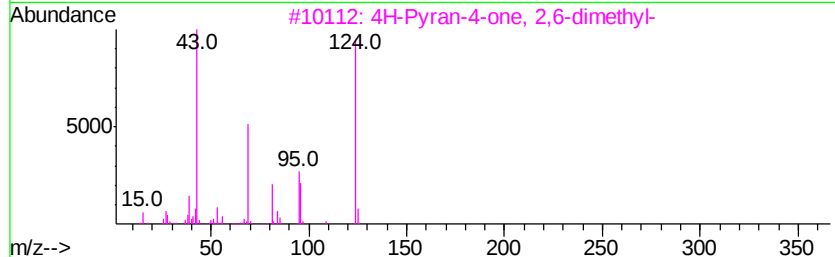
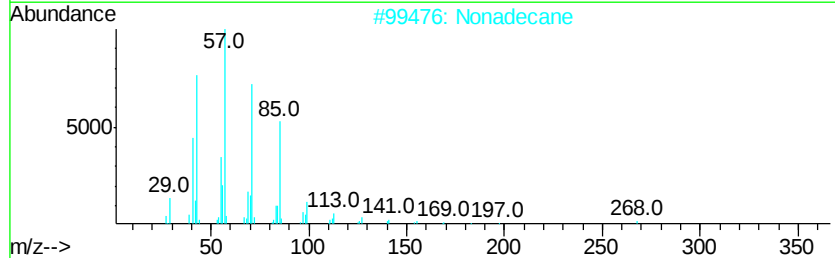
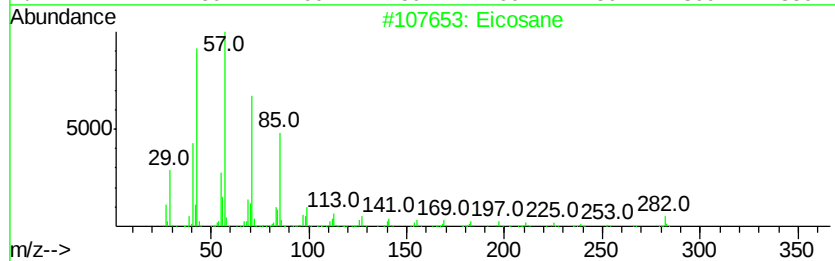
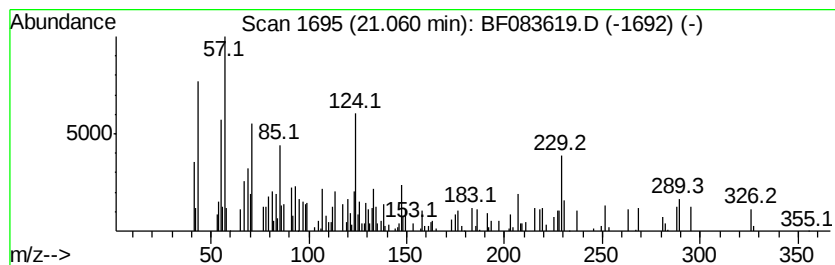
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown21.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.60 ng	91878	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	25
2		Nonadecane	268	C19H40	000629-92-5	15
3		4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	11
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	10
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

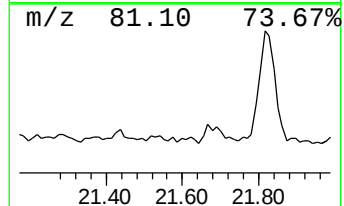
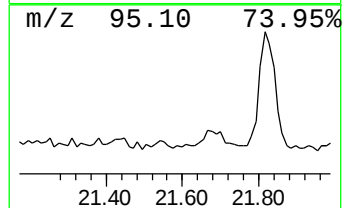
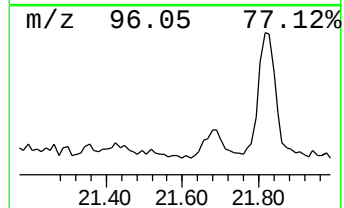
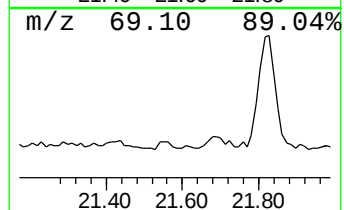
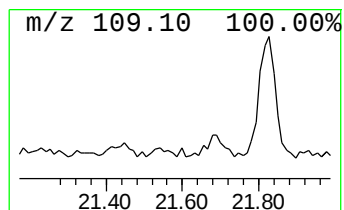
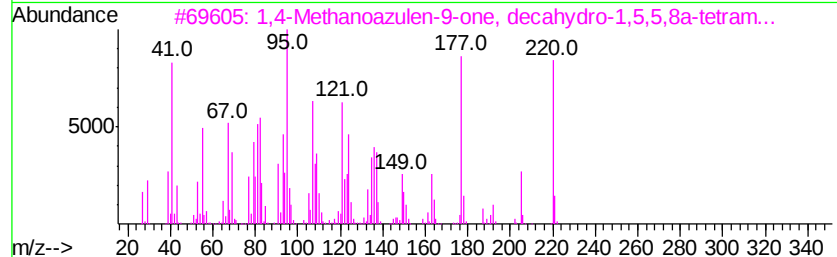
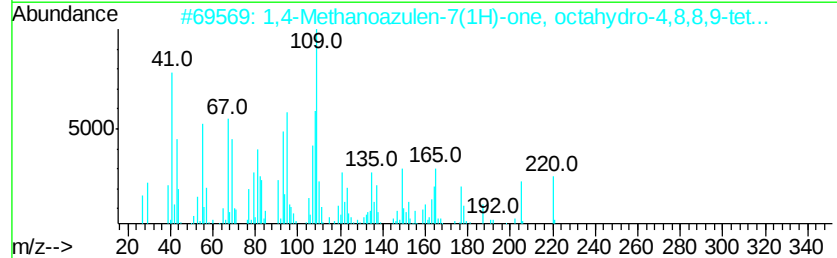
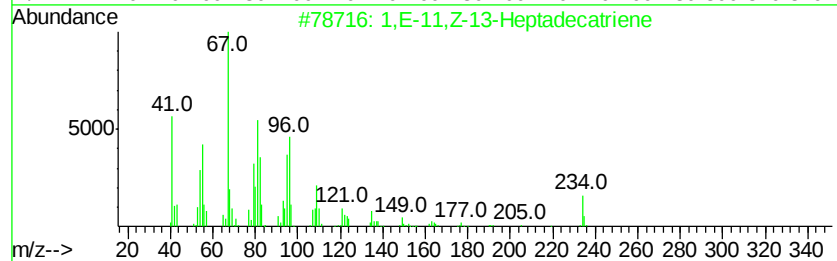
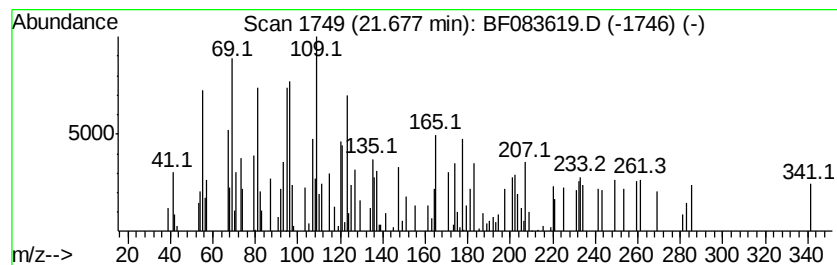
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown21.68 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.64 ng	93338	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,E-11,Z-13-Heptadecatriene	234	C17H30	080625-35-0	46
2		1,4-Methanoazulen-7(1H)-one, oct...	220	C15H24O	018319-28-3	46
3		1,4-Methanoazulen-9-one, decahyd...	220	C15H24O	000465-26-9	43
4		11-Hexadecynal	236	C16H28O	086426-73-5	35
5		1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083619.D
Acq On : 9 Dec 2015 3:38
Operator : UM/IZ
Sample : G4650-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

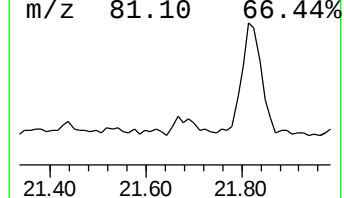
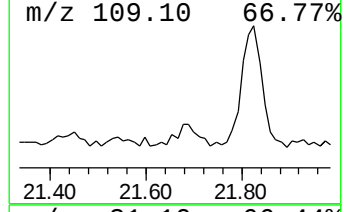
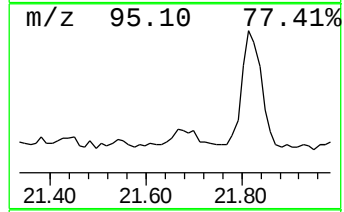
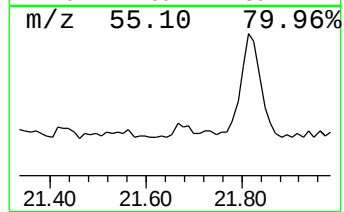
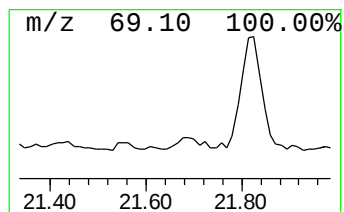
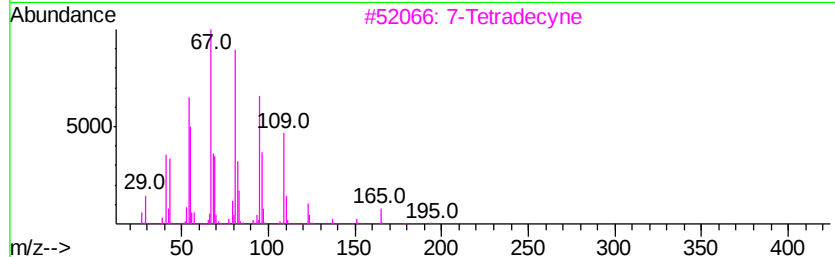
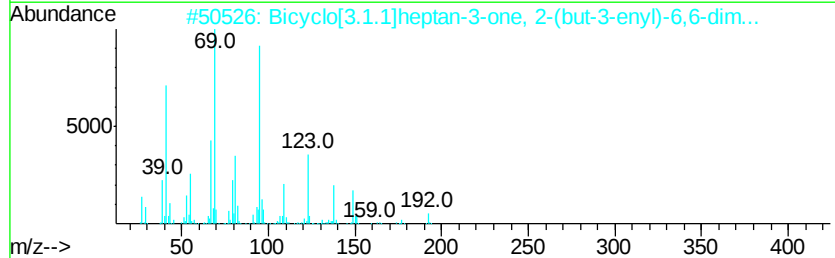
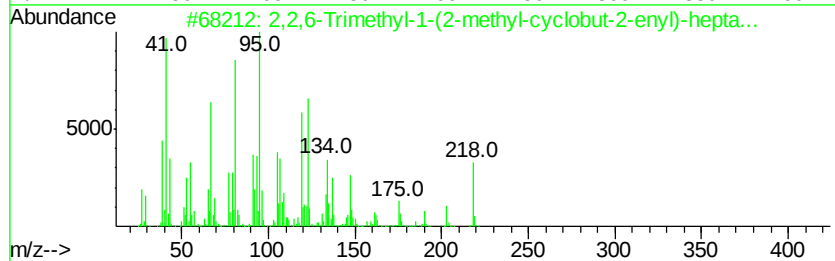
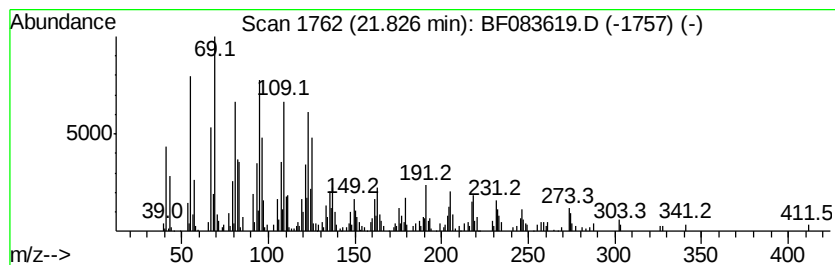
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown21.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	20.44 ng	721886	Perylene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	47
2		Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	46
3		7-Tetradecyne	194	C14H26	035216-11-6	46
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
5		1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083619.D
 Acq On : 9 Dec 2015 3:38
 Operator : UM/IZ
 Sample : G4650-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.52	6.3	ng	294483	1	5.70	930672	20.0
unknown5.40	5.40	30.8	ng	1435080	1	5.70	930672	20.0
Hexadecane	11.22	2.2	ng	144921	3	10.38	1325880	20.0
Eicosane	12.00	3.8	ng	216800	4	12.79	1140620	20.0
n-Hexadecanoic acid	13.83	6.0	ng	339700	4	12.79	1140620	20.0
unknown16.49	16.49	2.1	ng	88425	5	16.99	849172	20.0
1-Nonadecene	16.91	8.7	ng	369724	5	16.99	849172	20.0
Ethanol, 2-(tetra...	17.73	4.8	ng	204639	5	16.99	849172	20.0
Nonadecane	18.41	5.5	ng	192586	6	18.63	706201	20.0
Cyclopentanone, 3...	19.11	4.2	ng	147928	6	18.63	706201	20.0
unknown20.27	20.27	6.4	ng	226094	6	18.63	706201	20.0
unknown20.67	20.67	4.5	ng	158747	6	18.63	706201	20.0
unknown20.85	20.85	9.7	ng	343947	6	18.63	706201	20.0
unknown20.96	20.96	8.6	ng	303249	6	18.63	706201	20.0
unknown21.06	21.06	2.6	ng	91878	6	18.63	706201	20.0
unknown21.68	21.68	2.6	ng	93338	6	18.63	706201	20.0
unknown21.83	21.83	20.4	ng	721886	6	18.63	706201	20.0