

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
 Data File : BF097074.D
 Acq On : 26 Jul 2017 14:40
 Operator : SJ/JU
 Sample : I4443-05 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-ESW

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-BF072517.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	4.710	474	480	483	rBV	2390237	2941551	9.96%	1.904%
2	5.022	529	533	541	rBV	620919	836834	2.83%	0.542%
3	5.087	541	544	558	rVB	567958	607135	2.06%	0.393%
4	5.298	576	580	584	rBV	450866	421655	1.43%	0.273%
5	5.757	654	658	662	rVB	1415343	1316836	4.46%	0.852%
6	6.016	694	702	705	rBV	317921	298826	1.01%	0.193%
7	6.093	712	715	722	rVB	330283	296215	1.00%	0.192%
8	6.151	722	725	728	rBV	679792	642804	2.18%	0.416%
9	6.263	742	744	748	rVV	708891	624871	2.12%	0.404%
10	6.322	750	754	757	rVB	974831	820603	2.78%	0.531%
11	6.434	769	773	780	rVB	675780	613349	2.08%	0.397%
12	6.516	780	787	790	rBV2	1916192	2594088	8.79%	1.679%
13	6.557	790	794	796	rVV	579534	551773	1.87%	0.357%
14	6.581	796	798	801	rVV	521302	449197	1.52%	0.291%
15	6.622	801	805	807	rVV	360183	306278	1.04%	0.198%
16	6.669	807	813	818	rVB3	2847941	3641142	12.33%	2.357%
17	7.057	872	879	883	rBV3	499205	674001	2.28%	0.436%
18	7.457	942	947	953	rBV	739157	732795	2.48%	0.474%
19	7.522	953	958	962	rVV2	475023	617274	2.09%	0.400%
20	7.592	968	970	973	rVV	691388	658968	2.23%	0.426%
21	7.757	995	998	1000	rVV	601384	653586	2.21%	0.423%
22	7.810	1000	1007	1010	rVV2	4050407	5642150	19.11%	3.652%
23	7.857	1010	1015	1019	rVB2	592828	595638	2.02%	0.386%
24	7.922	1023	1026	1028	rBV	546904	411440	1.39%	0.266%
25	7.963	1028	1033	1036	rVV	2103341	1932401	6.55%	1.251%
26	7.998	1036	1039	1041	rVV	601646	533774	1.81%	0.345%
27	8.039	1041	1046	1048	rVV	3004451	3133079	10.61%	2.028%
28	8.069	1048	1051	1054	rVB	1680033	1356957	4.60%	0.878%
29	8.175	1061	1069	1072	rBV2	3847360	5770160	19.54%	3.735%
30	8.239	1072	1080	1082	rVV	1806147	2059447	6.98%	1.333%
31	8.263	1082	1084	1086	rVV	2327745	2211256	7.49%	1.431%
32	8.281	1086	1087	1094	rVB2	1458462	1283588	4.35%	0.831%
33	8.375	1097	1103	1105	rVV	1612317	1504096	5.09%	0.973%
34	8.445	1112	1115	1116	rVV	535163	527578	1.79%	0.341%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
 Data File : BF097074.D
 Acq On : 26 Jul 2017 14:40
 Operator : SJ/JU
 Sample : I4443-05 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-ESW

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.463	1116	1118	1120	rVV	855746	944620	3.20%	0.611%
36	8.498	1120	1124	1126	rVV2	1884159	2405786	8.15%	1.557%
37	8.534	1126	1130	1132	rVV3	532151	734482	2.49%	0.475%
38	8.569	1134	1136	1138	rVV	1113082	928731	3.15%	0.601%
39	8.592	1138	1140	1145	rVB2	1414607	1349988	4.57%	0.874%
40	8.657	1145	1151	1152	rBV	565874	520761	1.76%	0.337%
41	8.675	1152	1154	1160	rVV3	1052922	1349656	4.57%	0.874%
42	8.734	1162	1164	1166	rVV	590216	582659	1.97%	0.377%
43	8.775	1169	1171	1174	rVV2	661660	596696	2.02%	0.386%
44	8.857	1181	1185	1188	rVB	825324	704618	2.39%	0.456%
45	8.951	1198	1201	1208	rVB5	301442	481460	1.63%	0.312%
46	9.192	1236	1242	1244	rBV3	186965	306210	1.04%	0.198%
47	9.528	1293	1299	1302	rBV	987288	1098122	3.72%	0.711%
48	9.786	1337	1343	1350	rVB2	991083	1379650	4.67%	0.893%
49	10.010	1378	1381	1384	rBV	431589	369558	1.25%	0.239%
50	10.310	1425	1432	1437	rVV2	420790	567726	1.92%	0.367%
51	10.757	1493	1508	1511	rBV	3105914	7528429	25.50%	4.873%
52	10.998	1545	1549	1552	rBV	968791	860602	2.92%	0.557%
53	11.122	1565	1570	1572	rBV2	581838	606422	2.05%	0.392%
54	11.527	1630	1639	1642	rBV3	868228	2399118	8.13%	1.553%
55	11.651	1643	1660	1663	rVB	4665635	18376862	62.25%	11.894%
56	11.951	1708	1711	1713	rVB	356520	321461	1.09%	0.208%
57	11.992	1713	1718	1719	rBV	1261727	1195190	4.05%	0.774%
58	12.010	1719	1721	1724	rVV	897797	730725	2.48%	0.473%
59	12.257	1758	1763	1764	rBV	1692688	1851981	6.27%	1.199%
60	12.374	1764	1783	1785	rVV5	5132836	29522612	100.00%	19.108%
61	12.427	1788	1792	1795	rVV	3430173	4952971	16.78%	3.206%
62	12.457	1795	1797	1800	rVV2	1126114	1300536	4.41%	0.842%
63	12.492	1800	1803	1813	rVV2	1092950	2142573	7.26%	1.387%
64	12.627	1821	1826	1828	rVV	1196844	1412659	4.79%	0.914%
65	12.704	1836	1839	1842	rBV2	931269	993021	3.36%	0.643%
66	13.069	1889	1901	1905	rBV2	2782167	7938178	26.89%	5.138%
67	13.145	1907	1914	1917	rVB2	2158150	3705619	12.55%	2.398%
68	13.486	1969	1972	1974	rVB	418287	405126	1.37%	0.262%
69	13.639	1994	1998	2005	rVB	548961	800293	2.71%	0.518%
70	14.980	2222	2226	2232	rBV	431555	539087	1.83%	0.349%
71	15.598	2326	2331	2341	rVB2	731226	1394082	4.72%	0.902%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.692	2508	2517	2527	rBV2	1178574	2879055	9.75%	1.863%
73	17.521	2650	2658	2668	rVB2	435789	1069272	3.62%	0.692%

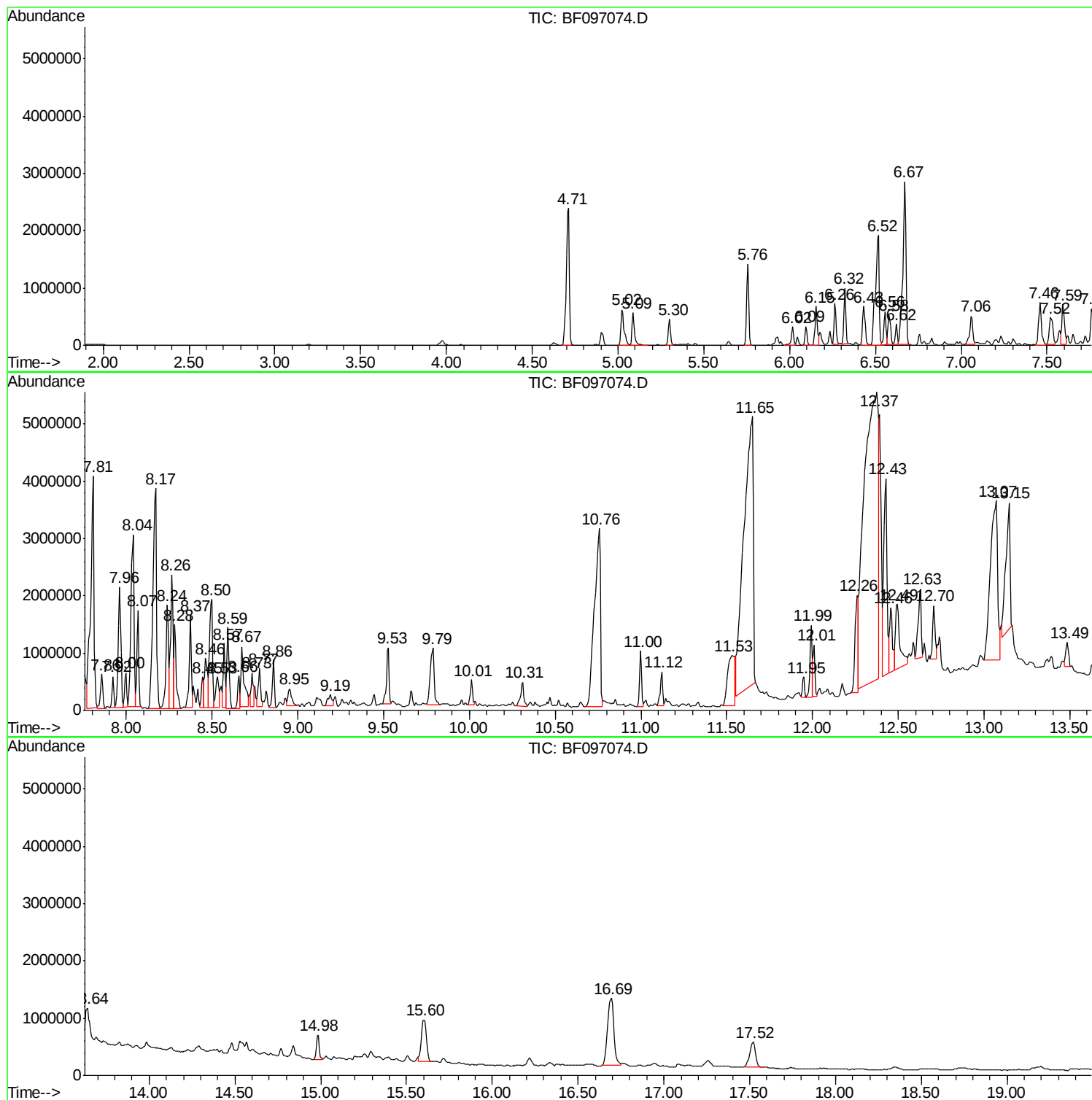
Sum of corrected areas: 154507942

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

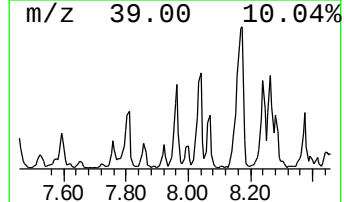
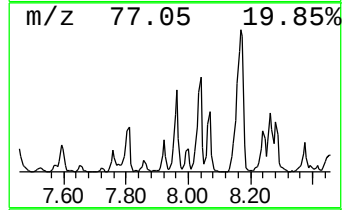
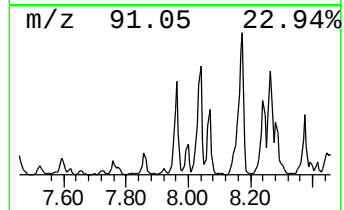
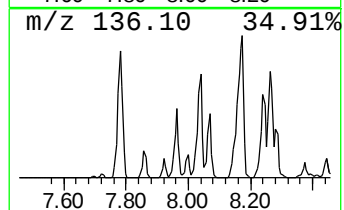
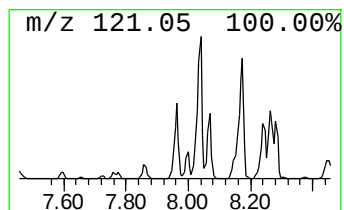
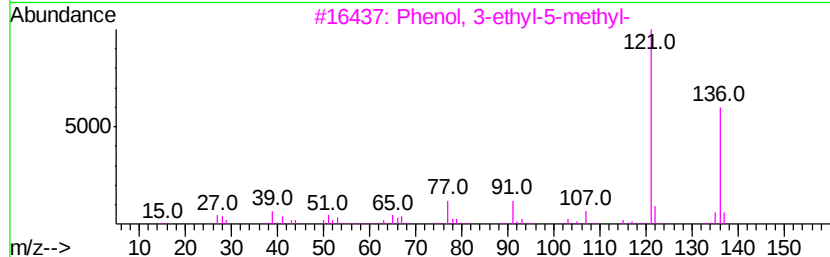
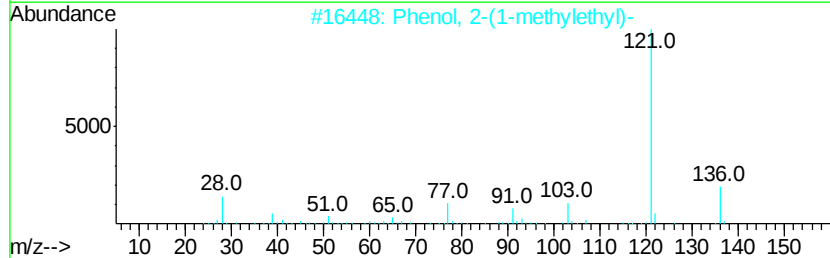
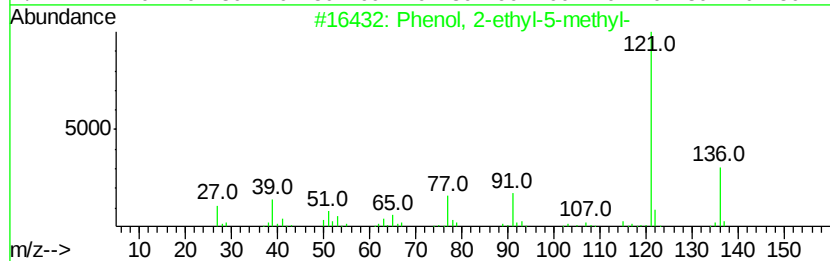
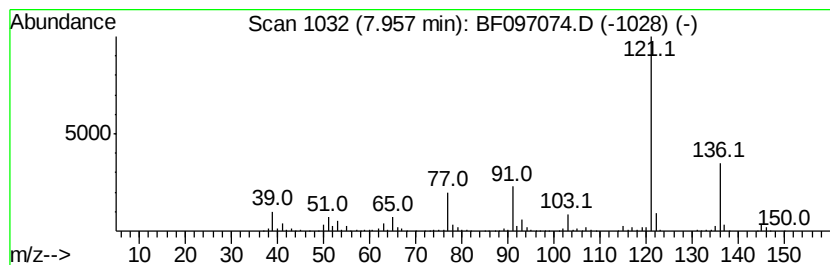
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenol, 2-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	59.13 ng	1932400	Naphthalene-d8	7.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90	
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86	
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83	
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83	
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

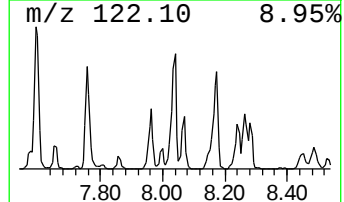
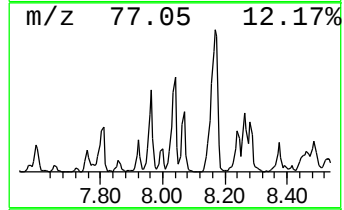
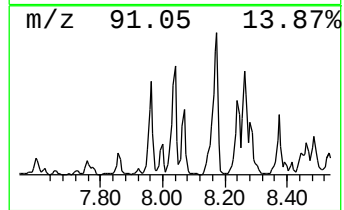
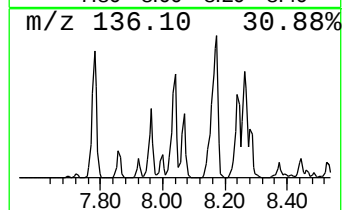
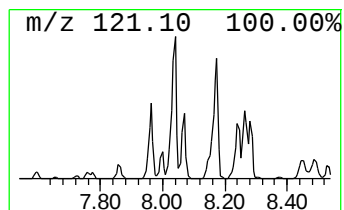
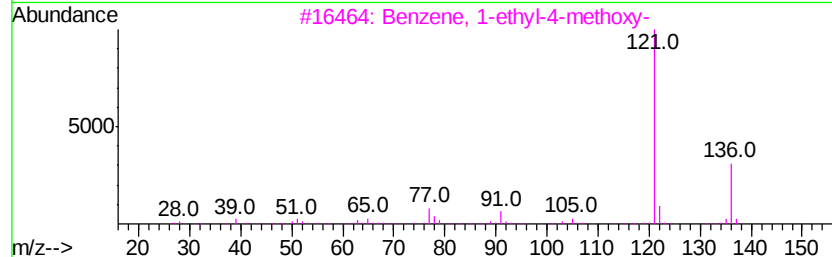
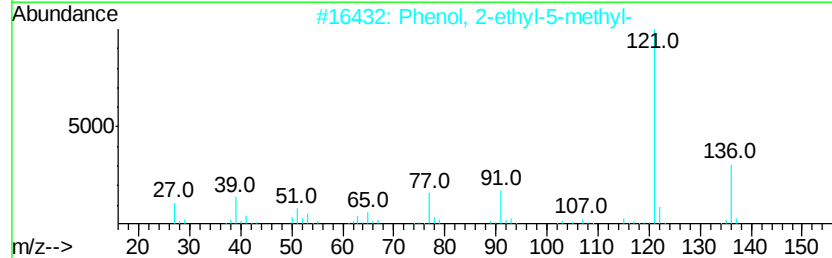
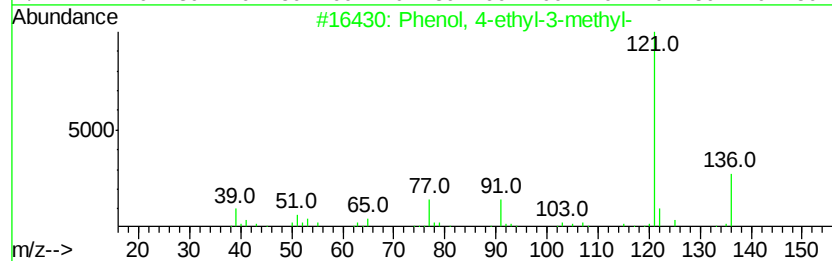
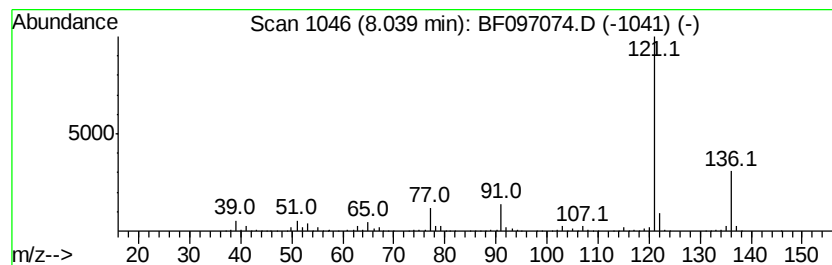
Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenol, 4-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.04	95.87 ng	3133080	Napthalene-d8	7.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	94	
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91	
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91	
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91	
5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

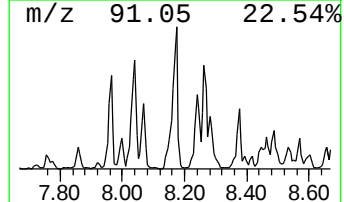
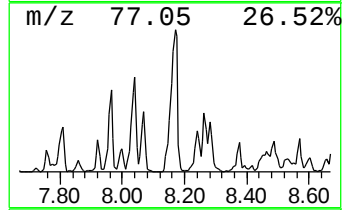
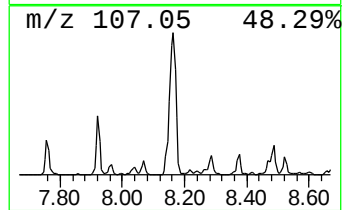
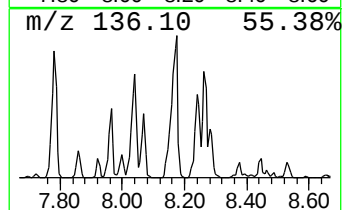
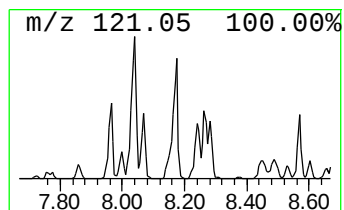
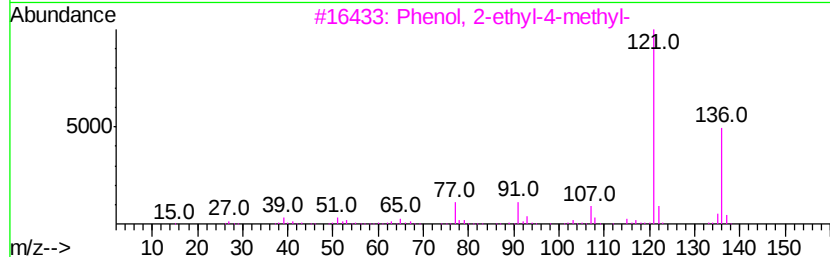
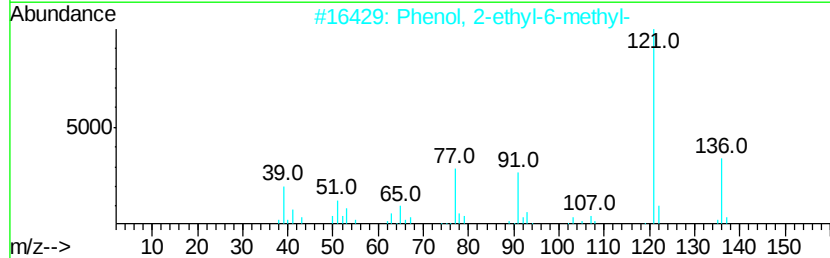
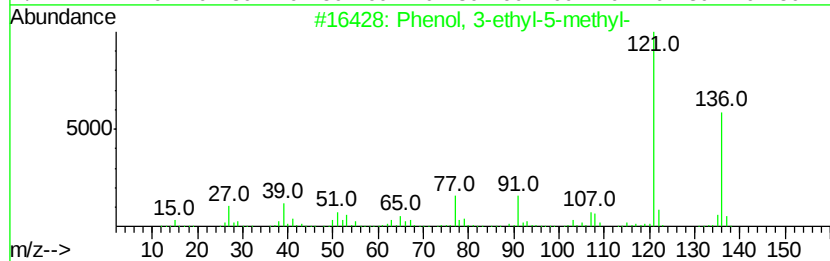
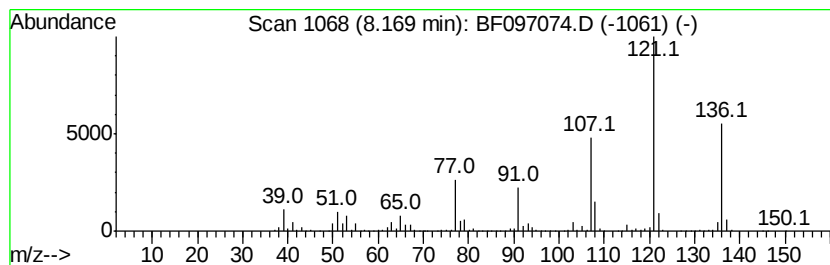
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenol, 3-ethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	176.57 ng	5770160	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2		Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
3		Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
4		Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5		Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

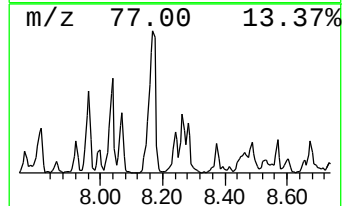
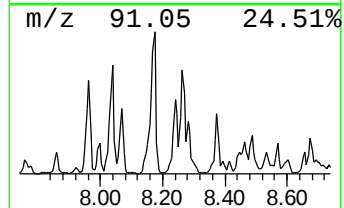
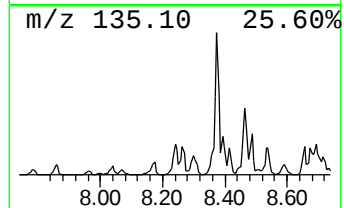
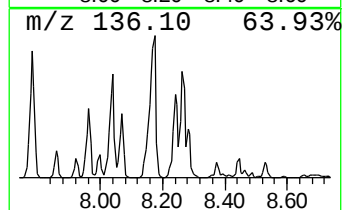
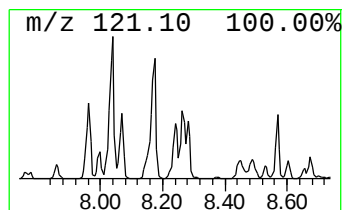
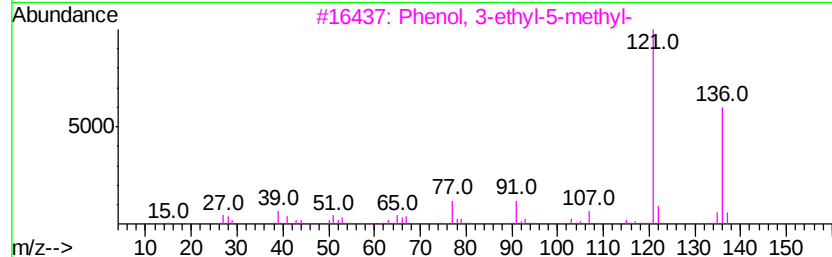
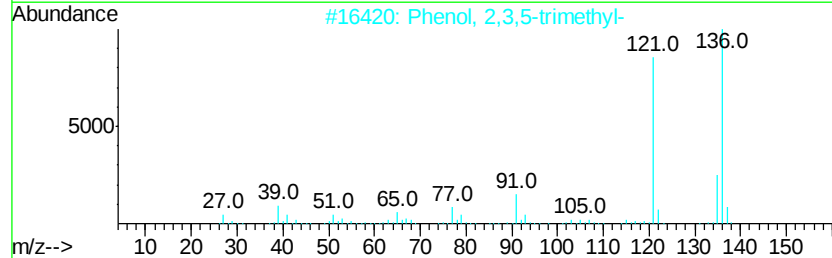
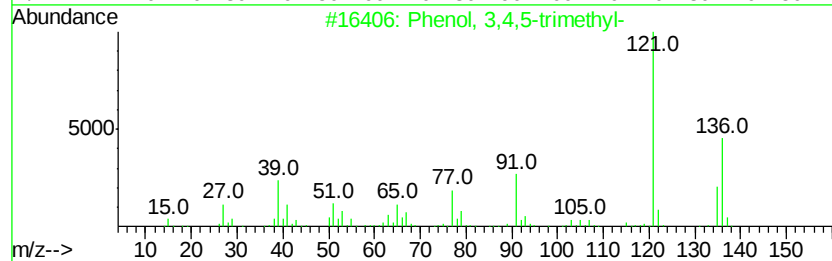
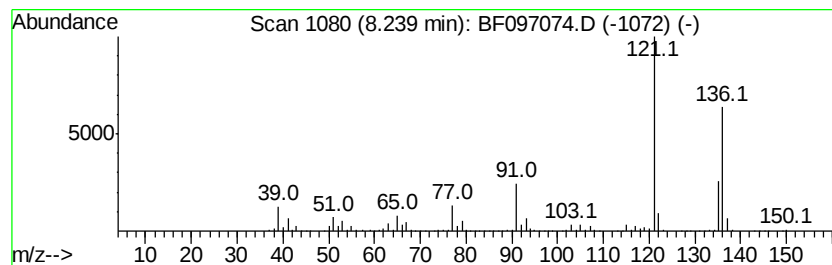
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenol, 3,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	63.02 ng	2059450	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2		Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
3		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
4		Phenol, 3,4,5-trimethyl-, methyl...	193	C11H15NO2	002686-99-9	90
5		Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

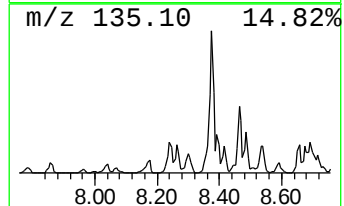
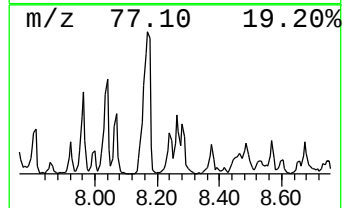
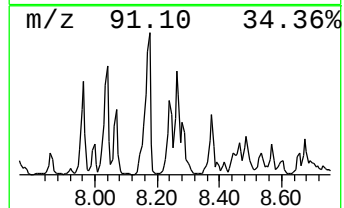
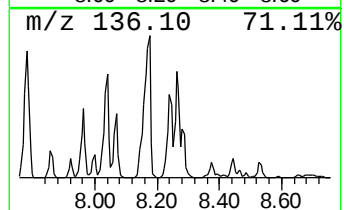
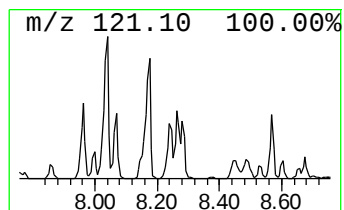
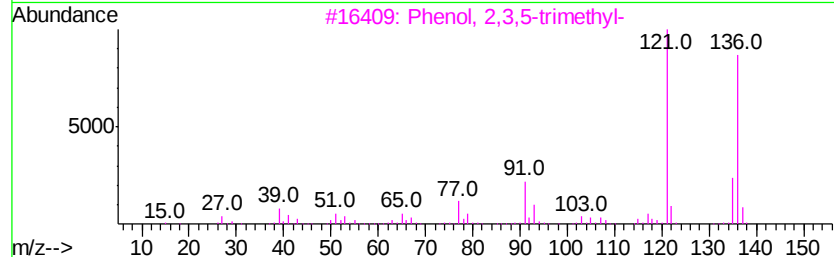
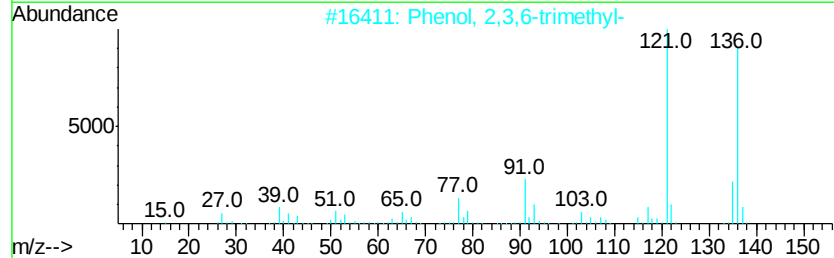
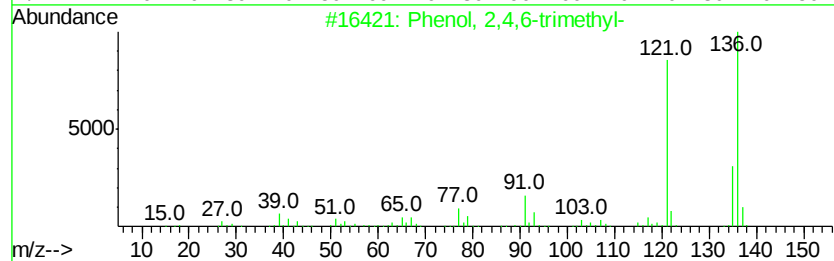
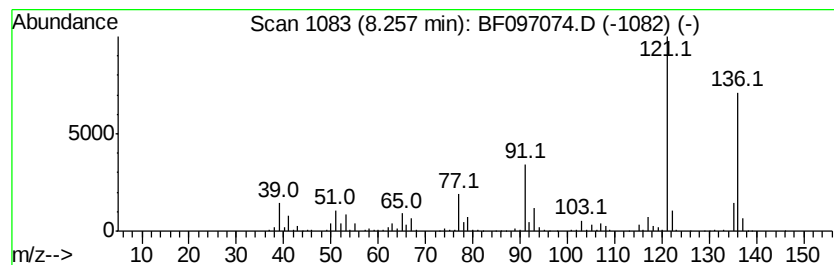
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenol, 2,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	67.67 ng	2211260	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2		Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3		Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	96
4		Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
5		Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

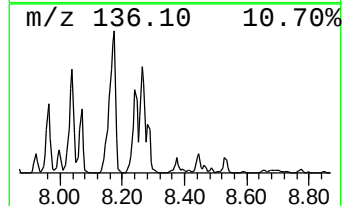
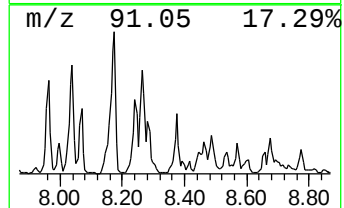
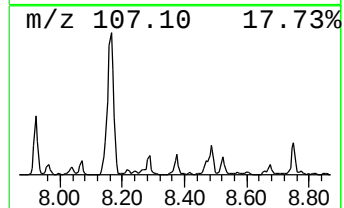
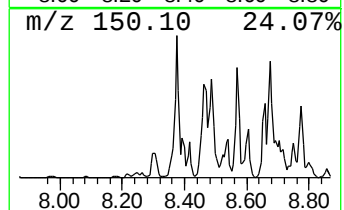
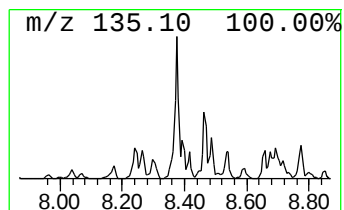
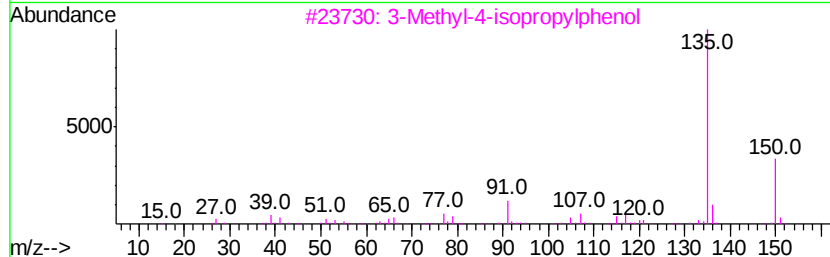
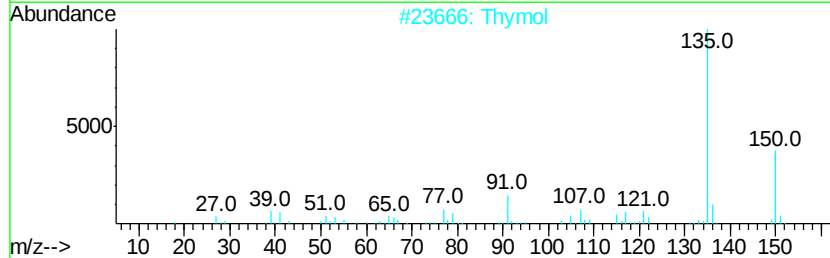
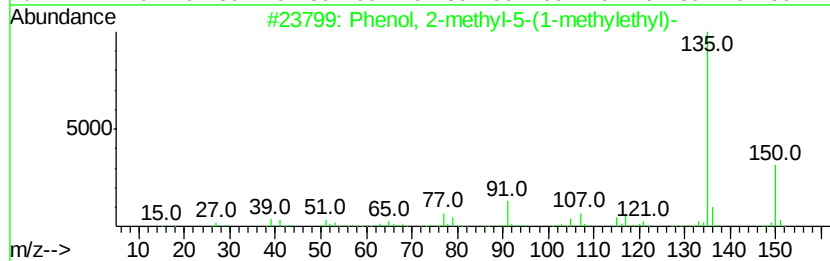
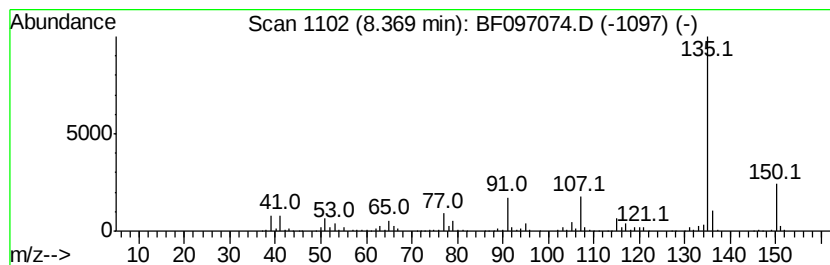
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 2-methyl-5-(1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	46.03 ng	1504100	Napthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	91
2		Thymol	150	C10H14O	000089-83-8	91
3		3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	90
4		Benzene, 1-methoxy-4-(1-methylethyl)-	150	C10H14O	004132-48-3	80
5		4-Acetylanisole	150	C9H10O2	000100-06-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

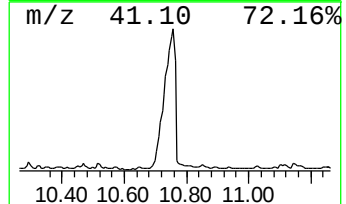
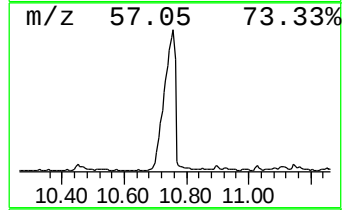
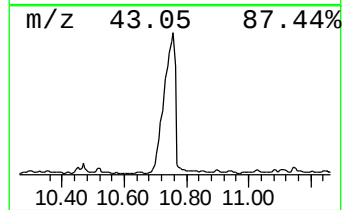
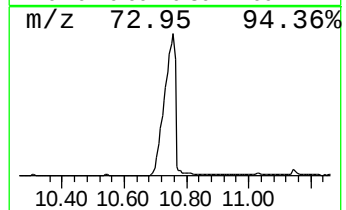
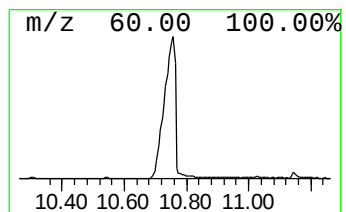
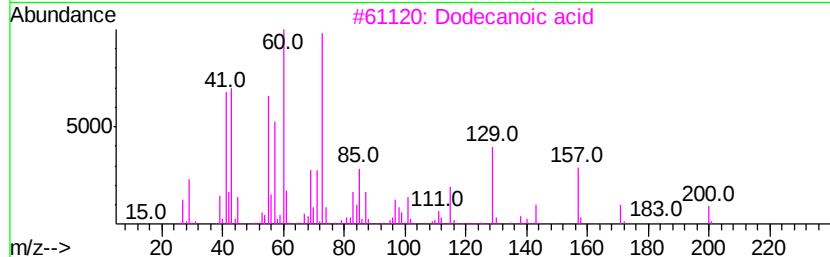
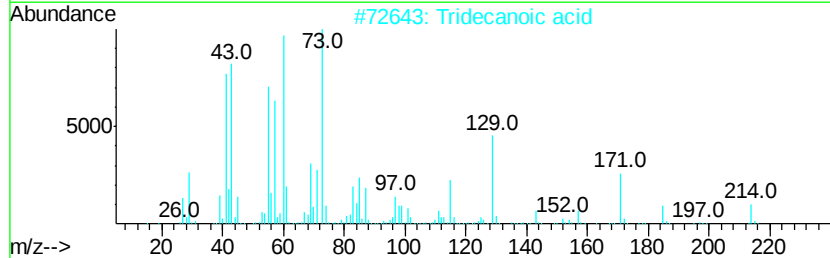
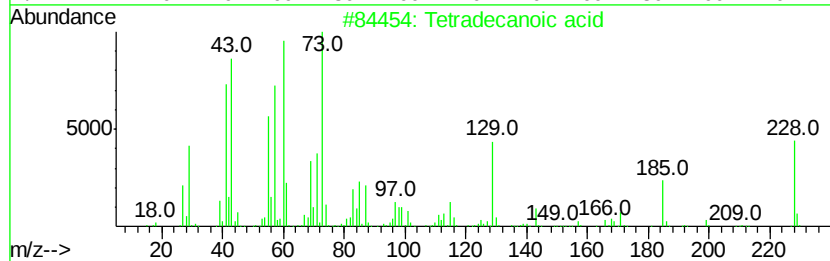
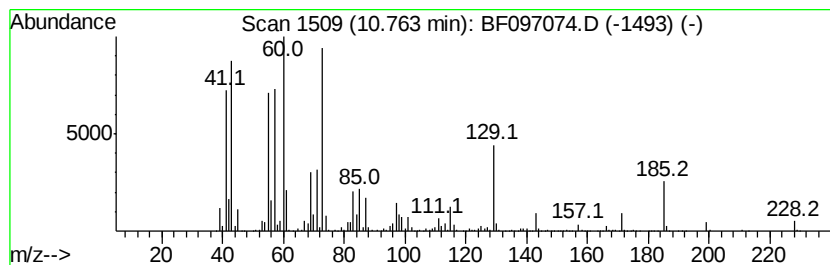
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	174.96 ng	7528430	Phenanthrene-d10	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Dodecanoic acid	200	C12H24O2	000143-07-7	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

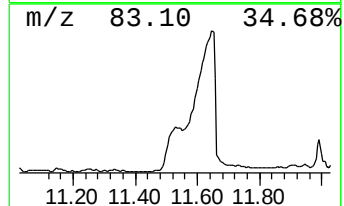
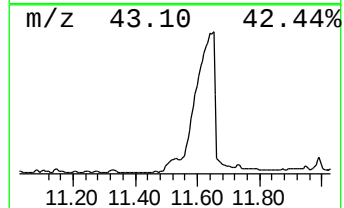
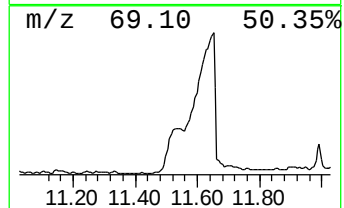
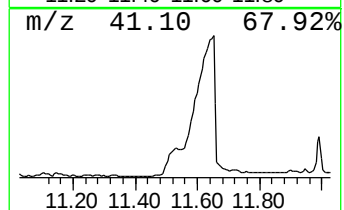
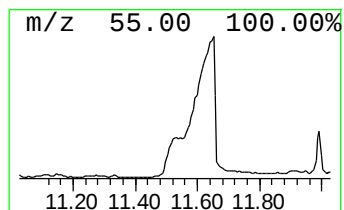
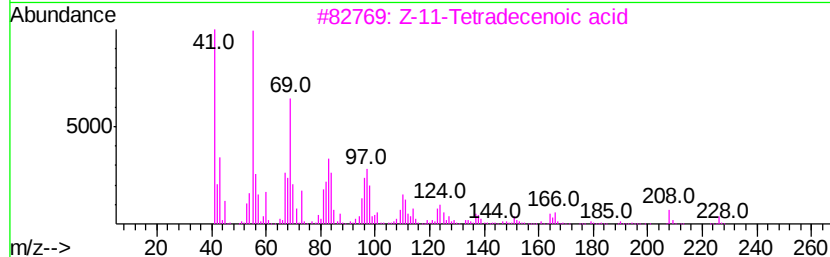
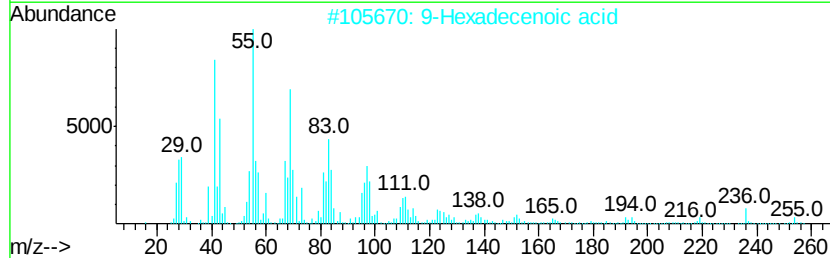
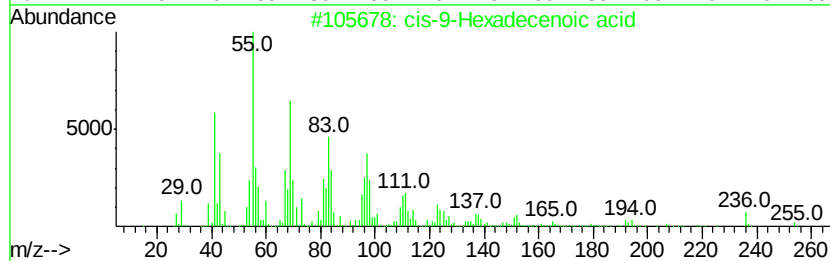
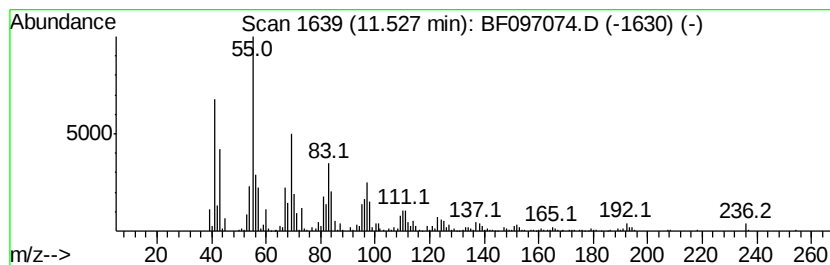
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis-9-Hexadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	55.75 ng	2399120	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	91
3		Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	90
4		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

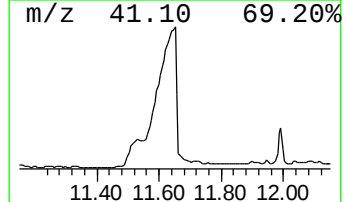
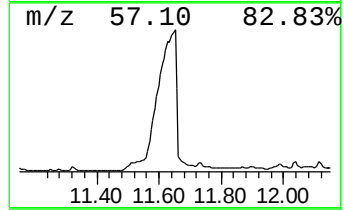
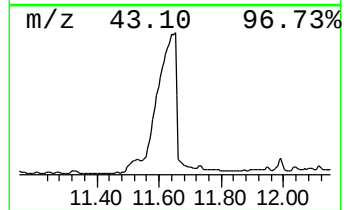
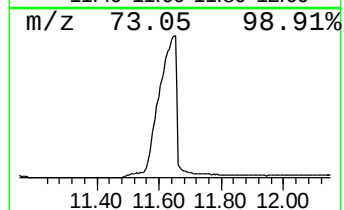
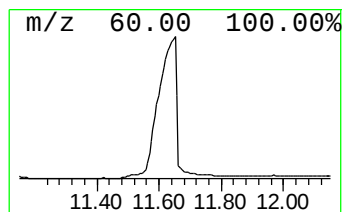
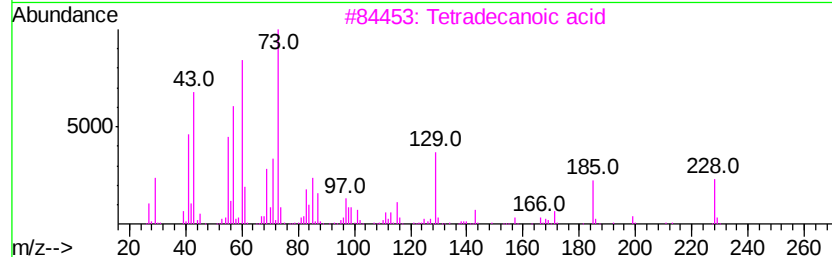
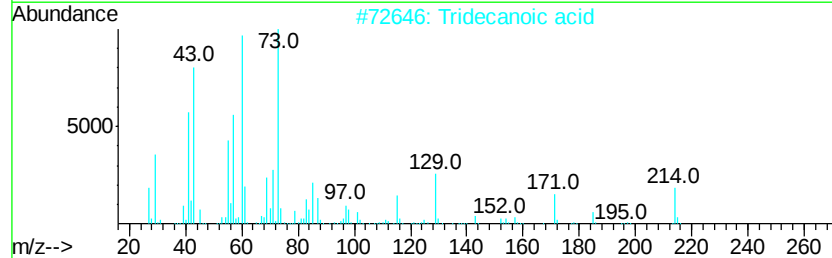
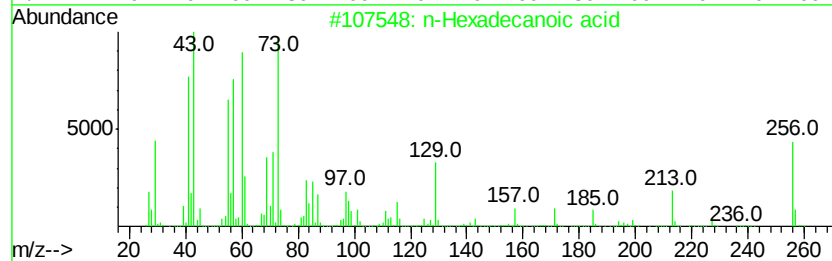
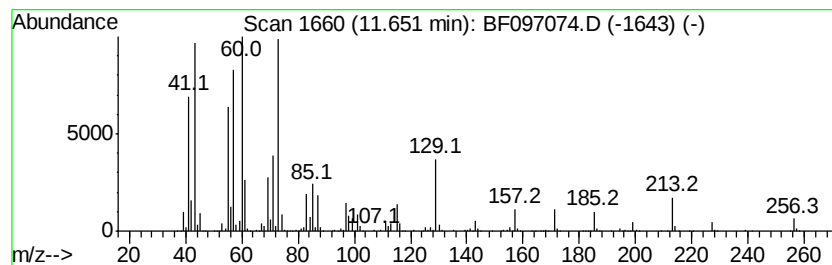
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	427.07 ng	18376900	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5		Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

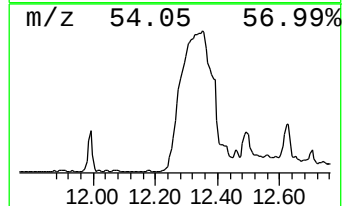
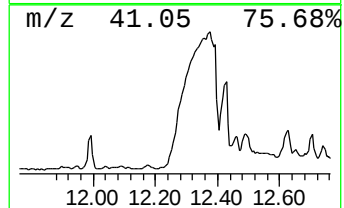
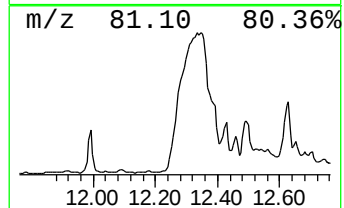
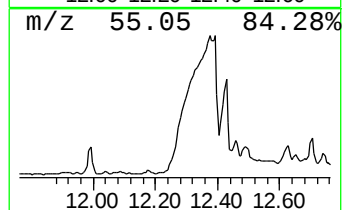
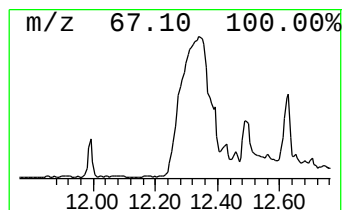
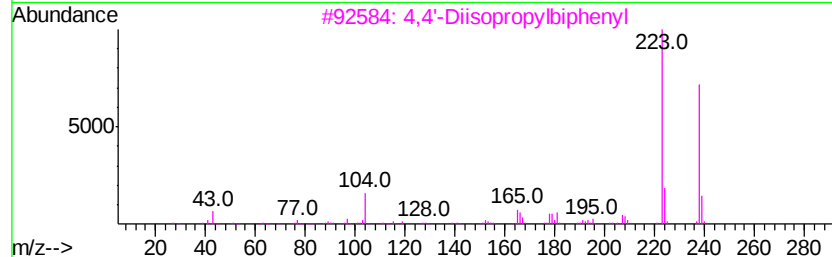
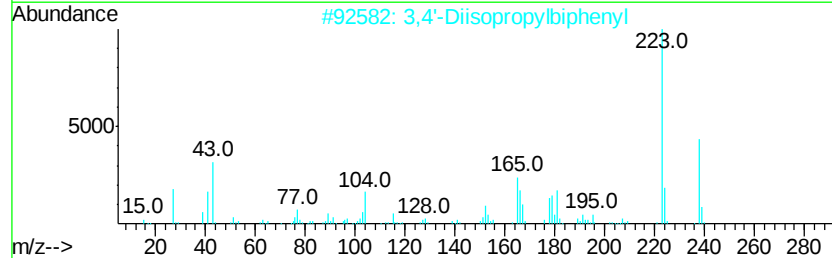
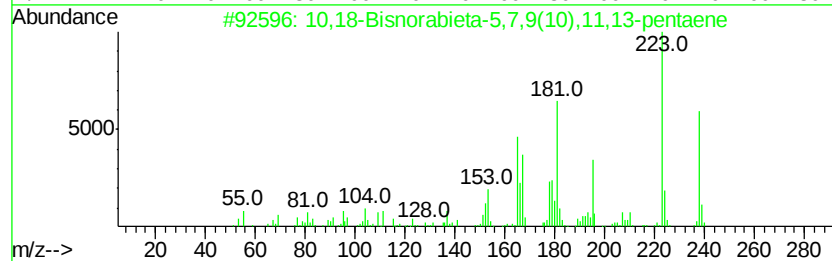
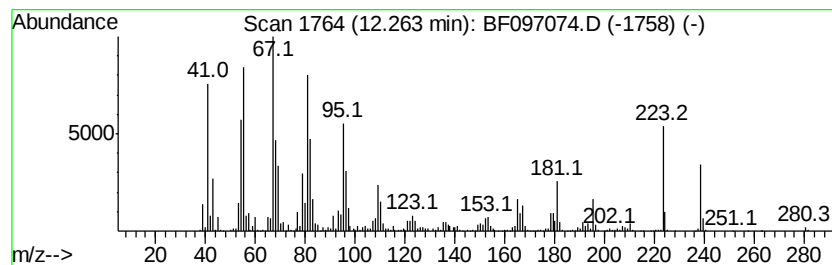
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	43.04 ng	1851980	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	60
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4		3,3'-Diacetylbiophenyl	238	C16H14O2	094113-07-2	50
5		2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

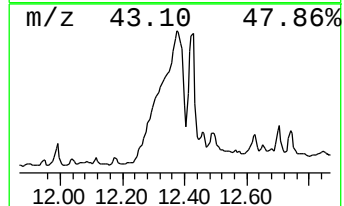
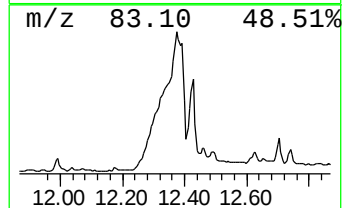
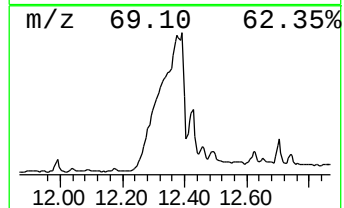
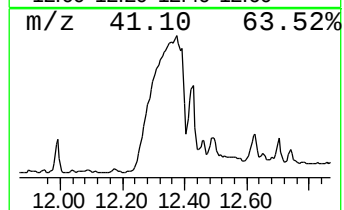
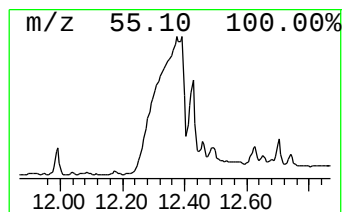
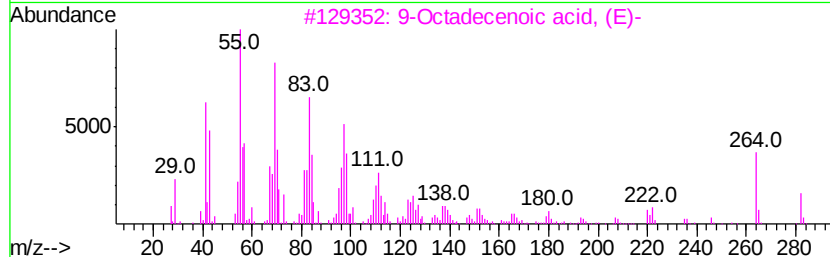
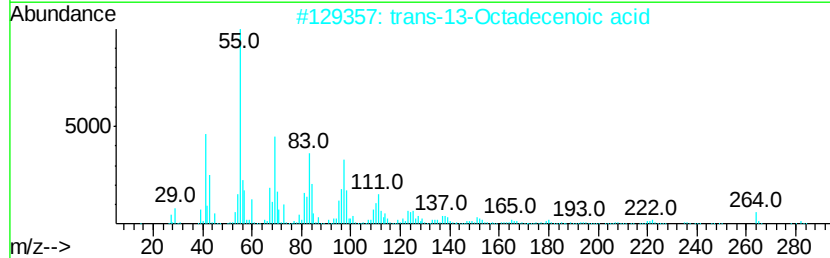
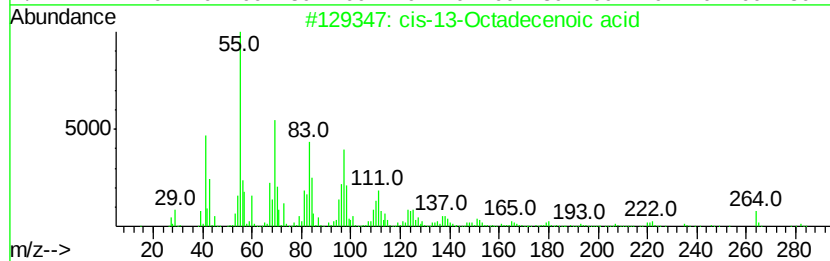
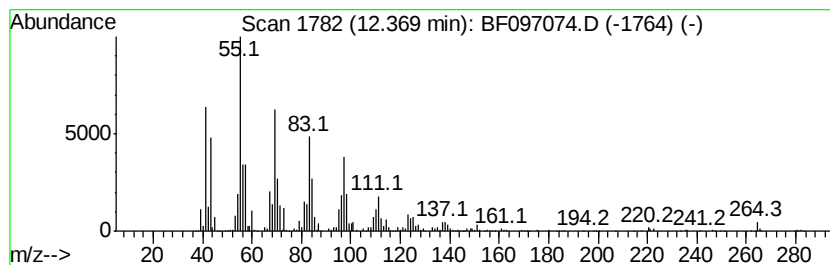
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 cis-13-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	737.80 ng	29522600	Chrysene-d12	13.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	83
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	74
4		cis-Vaccenic acid	282	C18H34O2	000506-17-2	64
5		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

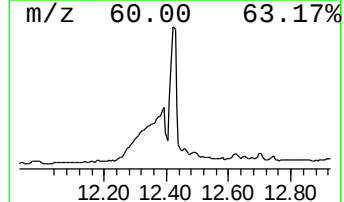
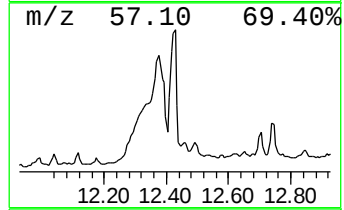
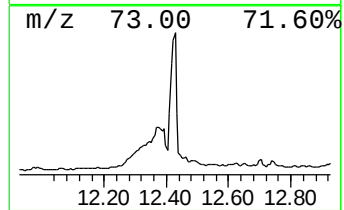
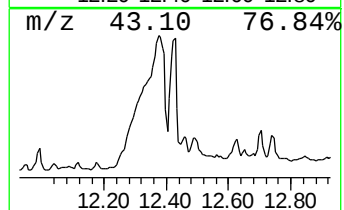
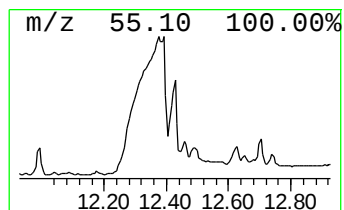
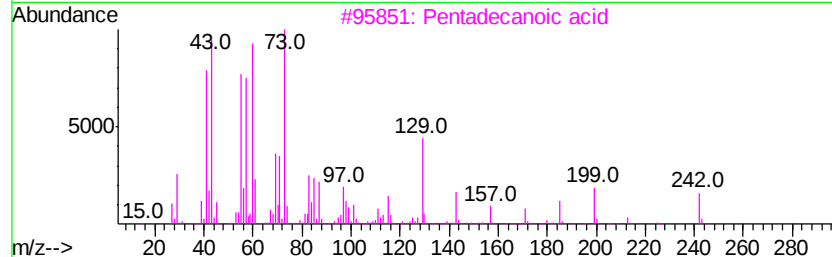
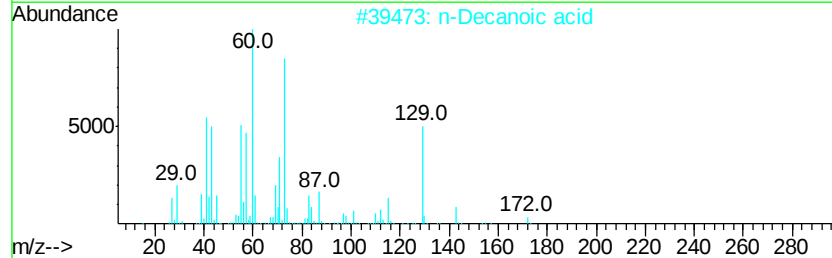
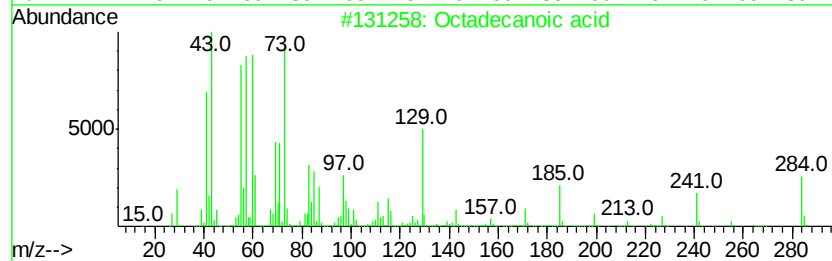
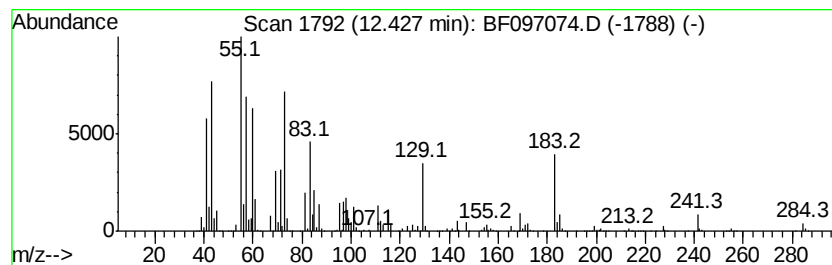
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	123.78 ng	4952970	Chrysene-d12	13.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

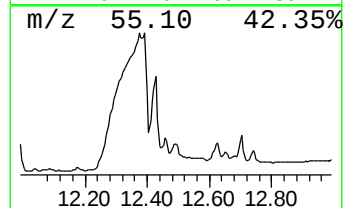
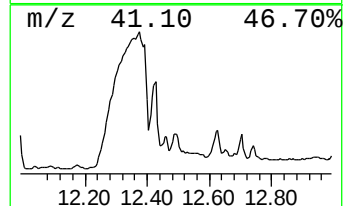
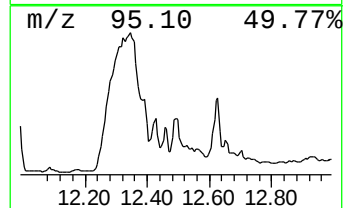
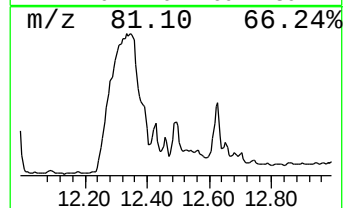
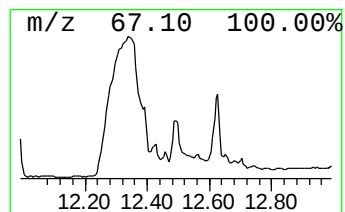
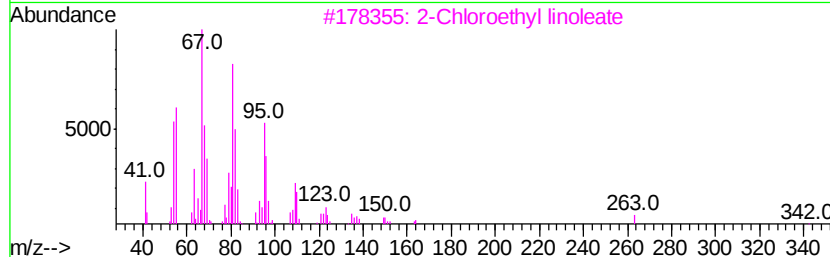
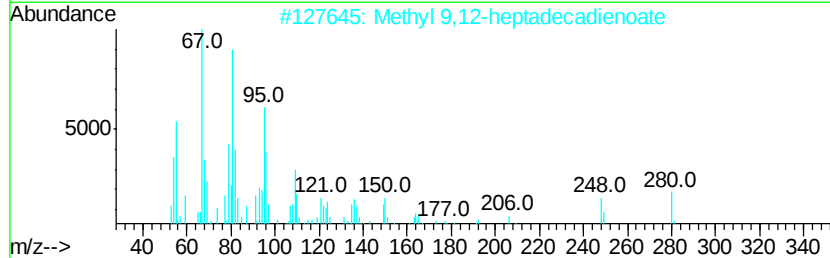
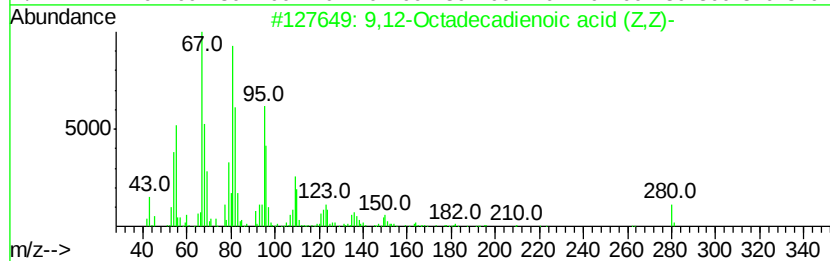
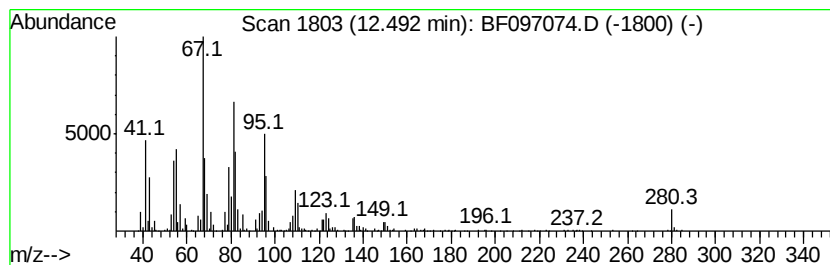
Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	53.54 ng	2142570	Chrysene-d12	13.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96	
2	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	90	
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90	
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	87	
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	86	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

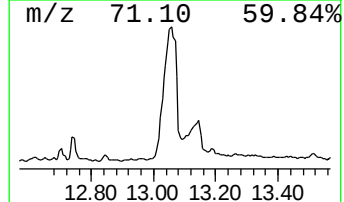
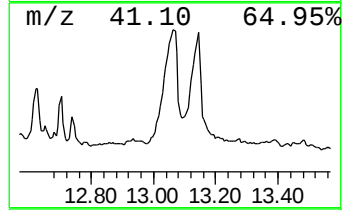
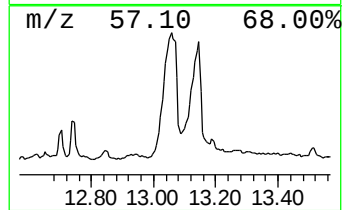
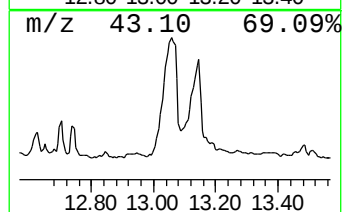
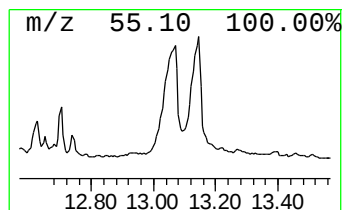
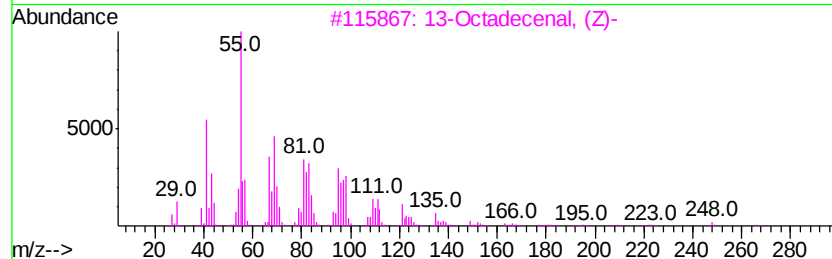
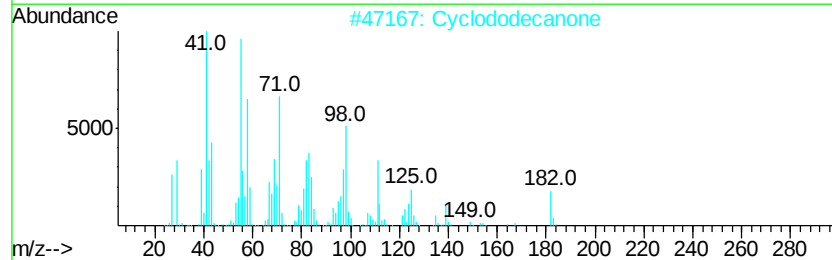
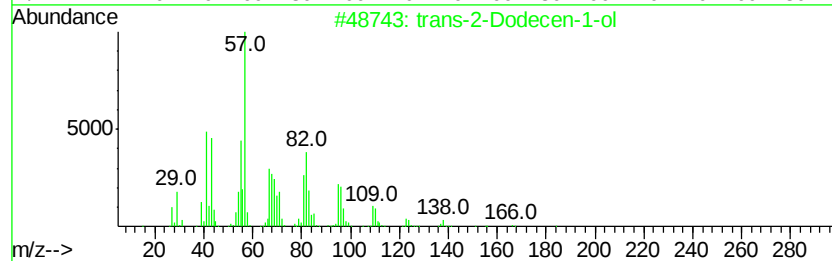
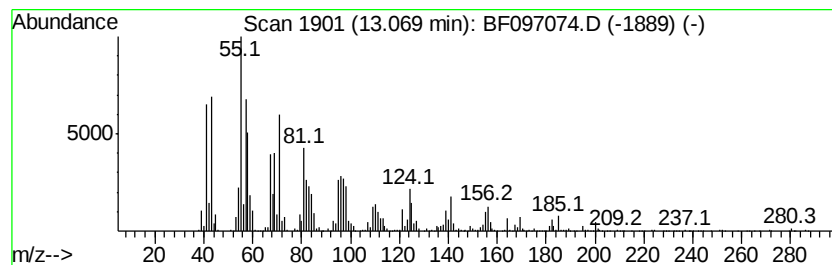
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	198.38 ng	7938180	Chrysene-d12	13.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	46
2		Cyclododecanone	182	C12H22O	000830-13-7	45
3		13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	43
4		cis-7,cis-11-Hexadecadien-1-yl a...	280	C18H32O2	052207-99-5	38
5		13-Tetradecenal	210	C14H26O	085896-31-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

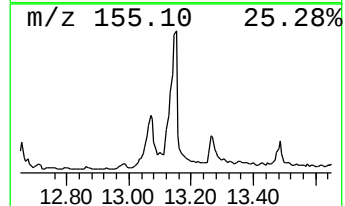
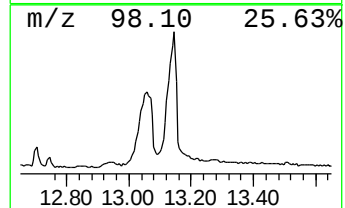
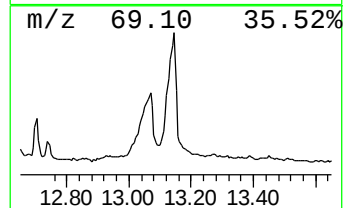
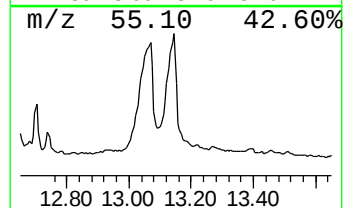
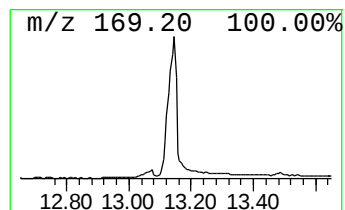
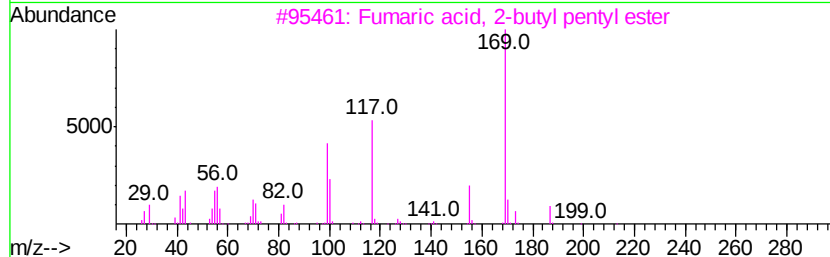
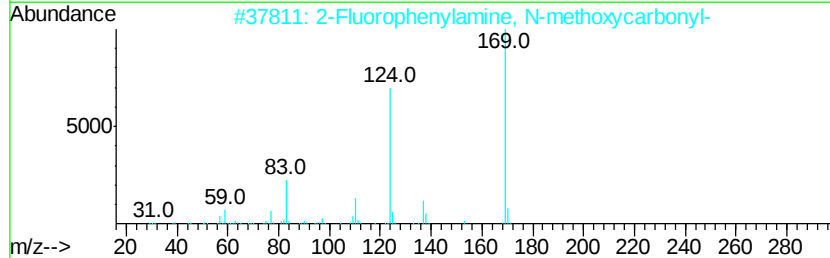
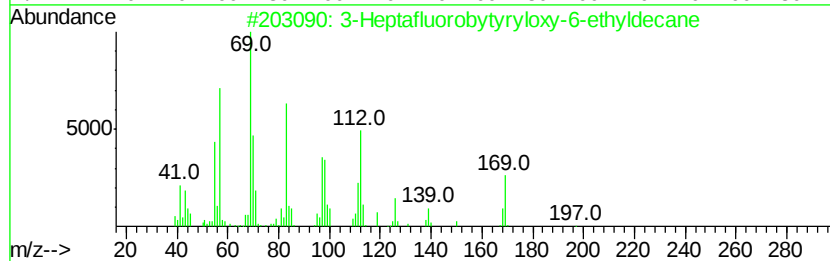
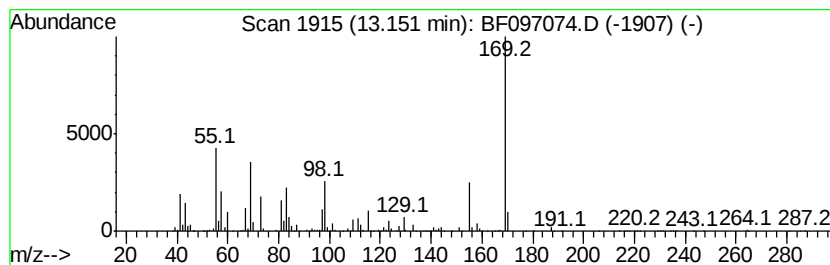
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.15 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	92.61 ng	3705620	Chrysene-d12	13.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptafluorobutyl-6-ethyldecane	382	C16H25F7O2	1000215-97-2	38
2		2-Fluorophenylamine, N-methoxycarbonyl-	169	C8H8FN02	1000343-97-8	38
3		Fumaric acid, 2-butyl pentyl ester	242	C13H22O4	1000348-64-1	35
4		[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	25
5		4-Pyridinol, 2,6-dimethyl-3-[met...	169	C8H11NOS	1000251-72-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

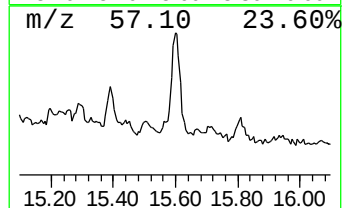
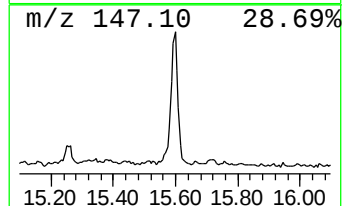
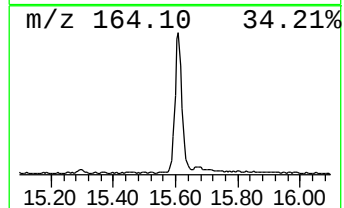
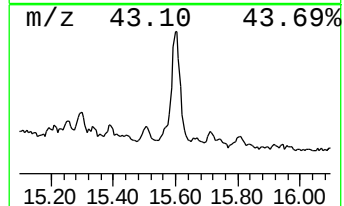
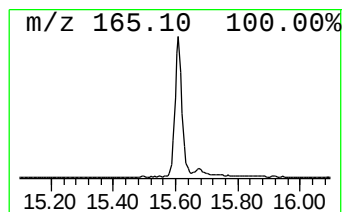
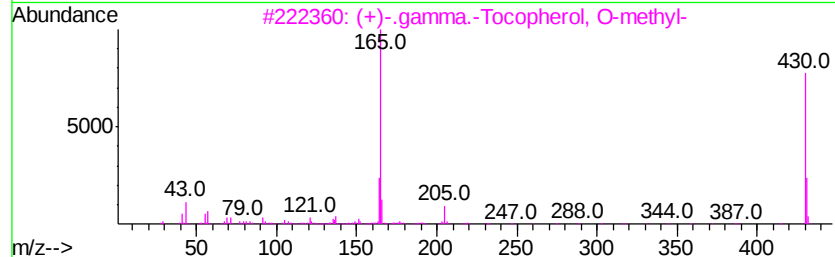
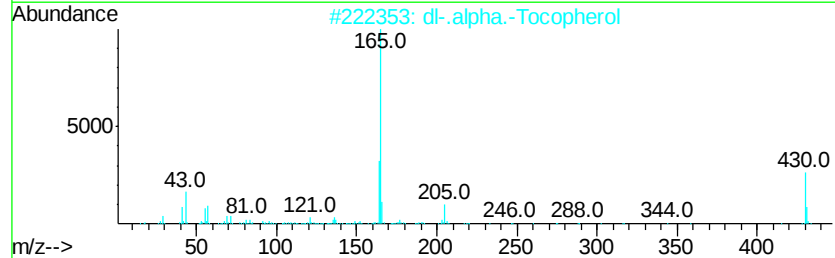
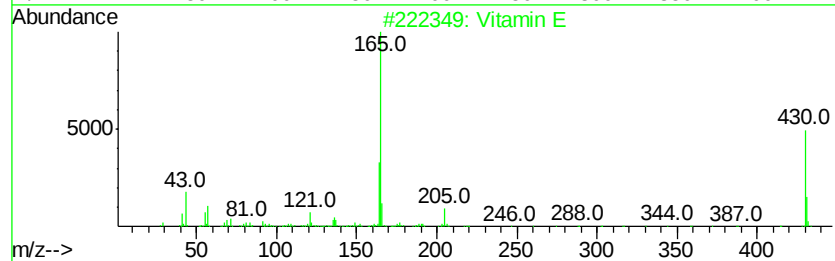
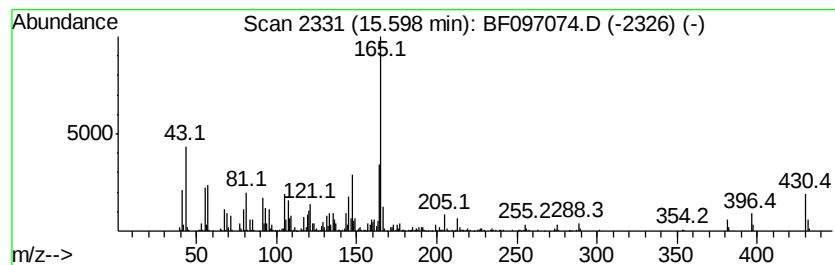
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Vitamin E Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	51.72 ng	1394080	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	95
2		dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3		(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	76
4		1-(m-Dimethylaminophenyl)ethanol	165	C10H15NO	005339-01-5	52
5		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

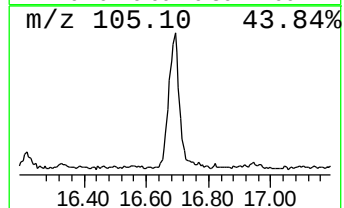
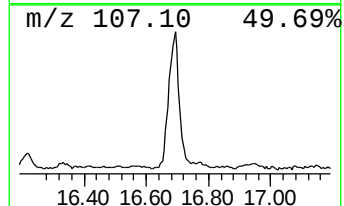
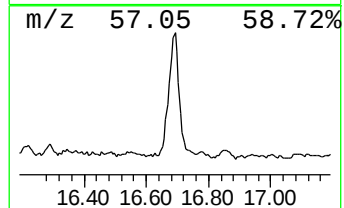
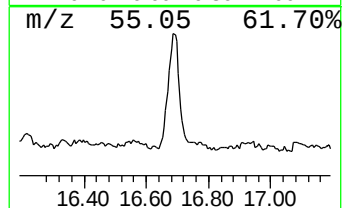
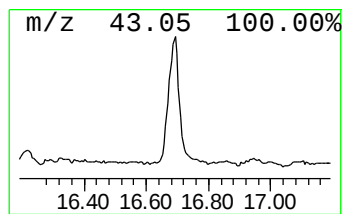
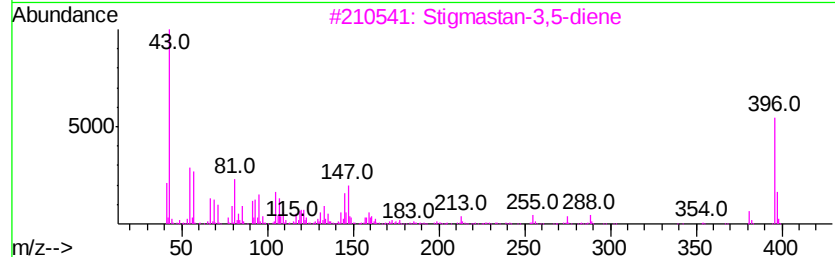
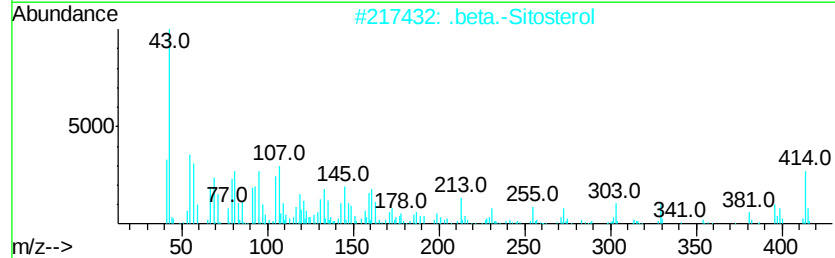
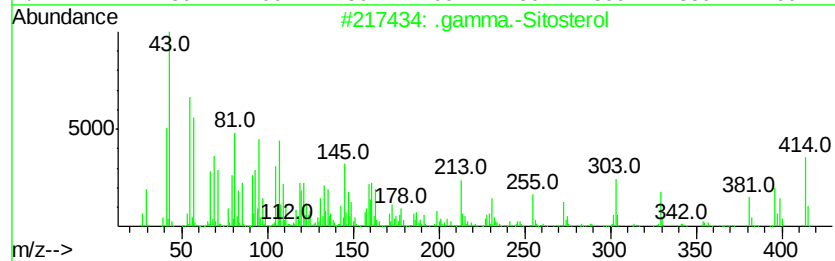
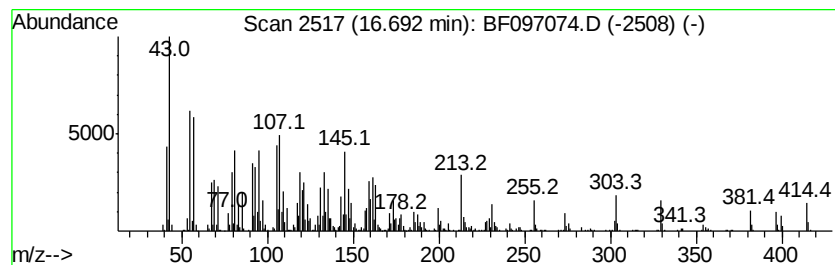
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	106.81 ng	2879060	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	60
4		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097074.D
Acq On : 26 Jul 2017 14:40
Operator : SJ/JU
Sample : I4443-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M7-ESW

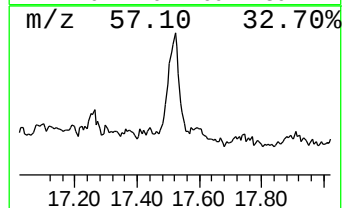
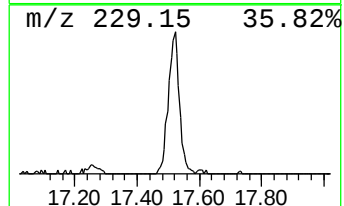
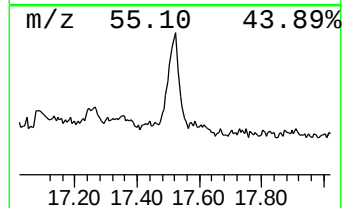
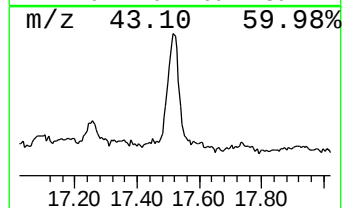
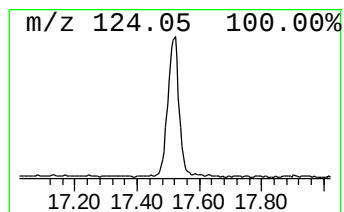
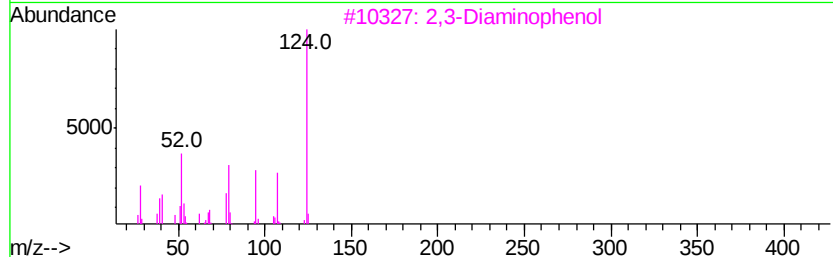
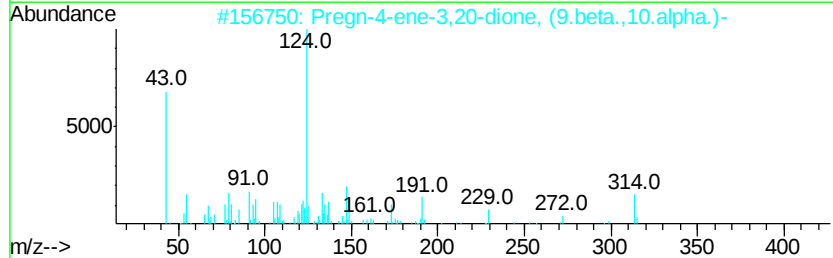
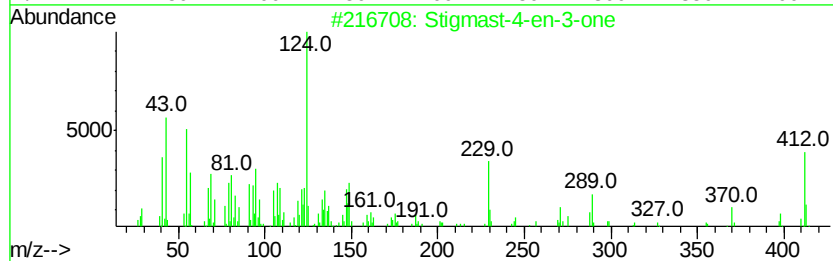
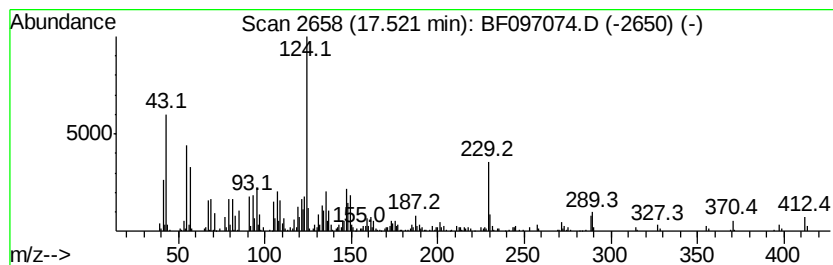
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	39.67 ng	1069270	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	98
2		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	50
3		2,3-Diaminophenol	124	C6H8N2O	059649-56-8	47
4		4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	43
5		2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
 Data File : BF097074.D
 Acq On : 26 Jul 2017 14:40
 Operator : SJ/JU
 Sample : I4443-05 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Phenol, 2-ethyl-5...	7.96	59.1	ng	1932400	2	7.78	653586	20.0
Phenol, 4-ethyl-3...	8.04	95.9	ng	3133080	2	7.78	653586	20.0
Phenol, 3-ethyl-5...	8.17	176.6	ng	5770160	2	7.78	653586	20.0
Phenol, 3,4,5-tri...	8.24	63.0	ng	2059450	2	7.78	653586	20.0
Phenol, 2,4,6-tri...	8.26	67.7	ng	2211260	2	7.78	653586	20.0
Phenol, 2-methyl-...	8.37	46.0	ng	1504100	2	7.78	653586	20.0
Tetradecanoic acid	10.76	175.0	ng	7528430	4	11.00	860602	20.0
cis-9-Hexadecenoic...	11.53	55.8	ng	2399120	4	11.00	860602	20.0
n-Hexadecanoic acid	11.65	427.1	ng	18376900	4	11.00	860602	20.0
10,18-Bisnorabiet...	12.26	43.0	ng	1851980	4	11.00	860602	20.0
cis-13-Octadeceno...	12.37	737.8	ng	29522600	5	13.63	800293	20.0
Octadecanoic acid	12.43	123.8	ng	4952970	5	13.63	800293	20.0
9,12-Octadecadien...	12.49	53.5	ng	2142570	5	13.63	800293	20.0
unknown13.07	13.07	198.4	ng	7938180	5	13.63	800293	20.0
unknown13.15	13.15	92.6	ng	3705620	5	13.63	800293	20.0
Vitamin E	15.60	51.7	ng	1394080	6	14.98	539087	20.0
.gamma.-Sitosterol	16.69	106.8	ng	2879060	6	14.98	539087	20.0
Stigmast-4-en-3-one	17.52	39.7	ng	1069270	6	14.98	539087	20.0