

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085863.D
 Acq On : 29 Mar 2016 21:57
 Operator : UM/SJ
 Sample : H1970-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF032416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.407	271	273	289	rBV	2345708	2849658	26.87%	4.875%
2	5.613	289	291	294	rVV	685915	824844	7.78%	1.411%
3	6.356	354	356	362	rBV	134546	164372	1.55%	0.281%
4	6.447	362	364	367	rBV	2003776	2923022	27.56%	5.001%
5	6.573	373	375	378	rBV	2320736	2924593	27.57%	5.004%
6	6.745	388	390	393	rVB	193721	165983	1.56%	0.284%
7	6.802	393	395	398	rBV	772985	694477	6.55%	1.188%
8	6.962	407	409	411	rBV	2685528	2378989	22.43%	4.070%
9	7.167	424	427	429	rBV	1498148	1388898	13.09%	2.376%
10	7.213	429	431	434	rVB	826007	1100452	10.38%	1.883%
11	7.373	442	445	448	rBV	1885428	1859215	17.53%	3.181%
12	7.716	473	475	478	rBV	359707	322422	3.04%	0.552%
13	8.093	505	508	510	rBV	979909	947996	8.94%	1.622%
14	9.168	599	602	605	rVV	3006282	2877977	27.13%	4.924%
15	9.293	610	613	615	rBV	188496	152596	1.44%	0.261%
16	9.568	635	637	639	rBV	456416	431571	4.07%	0.738%
17	9.842	659	661	664	rVB	1020537	900032	8.49%	1.540%
18	10.013	674	676	678	rBV	119654	128846	1.21%	0.220%
19	10.288	697	700	702	rBV	2878486	4075133	38.42%	6.972%
20	10.368	705	707	709	rBV	2421161	2031502	19.15%	3.476%
21	10.631	728	730	733	rBV2	1372712	1731447	16.32%	2.962%
22	10.756	737	741	743	rBV3	203684	356091	3.36%	0.609%
23	10.802	743	745	747	rVB	632195	540653	5.10%	0.925%
24	10.882	750	752	754	rBV	489568	409501	3.86%	0.701%
25	11.042	761	766	768	rBV	136001	219015	2.06%	0.375%
26	11.088	768	770	772	rVB	185720	176003	1.66%	0.301%
27	11.202	778	780	783	rBV	637696	687777	6.48%	1.177%
28	11.328	789	791	793	rBV	952862	880882	8.30%	1.507%
29	11.396	794	797	800	rVB3	85885	138617	1.31%	0.237%
30	11.465	800	803	806	rBV2	188126	257127	2.42%	0.440%
31	11.545	807	810	813	rBV	1327707	1465932	13.82%	2.508%
32	11.659	815	820	822	rVV	5209222	10606657	100.00%	18.146%
33	11.739	825	827	830	rVB	65575	109240	1.03%	0.187%
34	11.865	836	838	841	rVV3	256181	417928	3.94%	0.715%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.014	849	851	854	rBV	504792	510639	4.81%	0.874%
36	12.208	867	868	871	rVV2	95080	112473	1.06%	0.192%
37	12.379	881	883	884	rVB	140532	146853	1.38%	0.251%
38	12.642	904	906	909	rBV	116630	149070	1.41%	0.255%
39	12.699	909	911	913	rVB	142633	184033	1.74%	0.315%
40	12.791	913	919	921	rBV2	556994	601078	5.67%	1.028%
41	12.848	922	924	927	rBV	185031	165460	1.56%	0.283%
42	12.917	927	930	932	rVB	2177000	2408642	22.71%	4.121%
43	13.191	948	954	955	rVV2	973021	1203797	11.35%	2.060%
44	13.214	955	956	959	rVB	762399	637455	6.01%	1.091%
45	13.294	961	963	965	rBV	104647	128280	1.21%	0.219%
46	13.488	977	980	982	rVB	1441538	1629180	15.36%	2.787%
47	13.637	992	993	995	rVB	117326	121380	1.14%	0.208%
48	13.808	1006	1008	1015	rVB2	306817	416473	3.93%	0.713%
49	13.957	1018	1021	1025	rBV3	497416	970980	9.15%	1.661%
50	14.117	1032	1035	1037	rBV2	68196	144107	1.36%	0.247%
51	14.860	1097	1100	1102	rVB	86354	117307	1.11%	0.201%
52	14.974	1108	1110	1114	rBV	138154	262169	2.47%	0.449%
53	15.260	1133	1135	1138	rVB	109301	133704	1.26%	0.229%
54	15.317	1138	1140	1143	rVB	100468	147859	1.39%	0.253%
55	15.385	1143	1146	1151	rBV	426786	711466	6.71%	1.217%
56	16.025	1199	1202	1209	rVB3	45720	119474	1.13%	0.204%
57	16.757	1263	1266	1269	rBV	73973	145266	1.37%	0.249%
58	17.168	1299	1302	1306	rVB	61381	143733	1.36%	0.246%

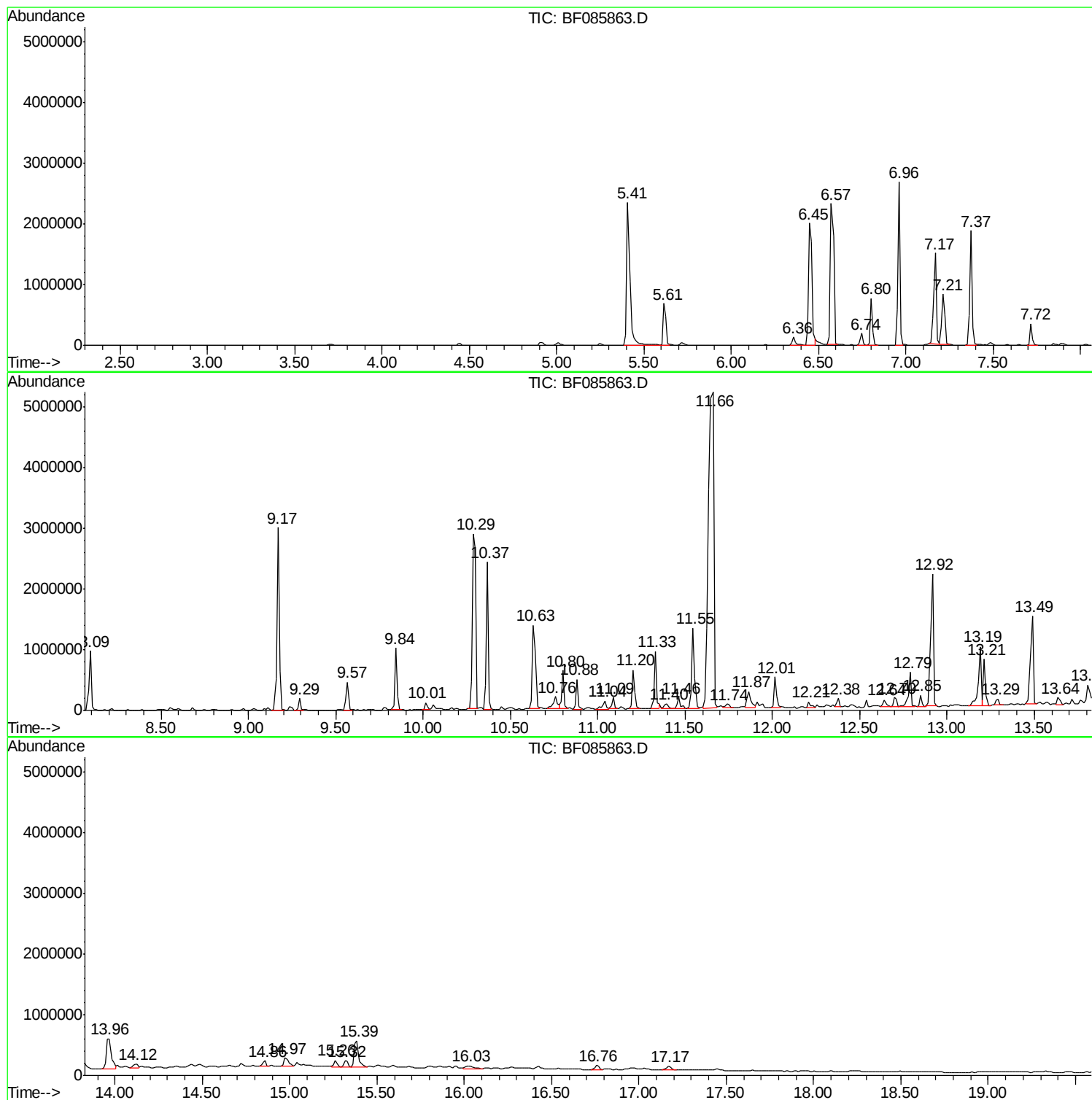
Sum of corrected areas: 58450326

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

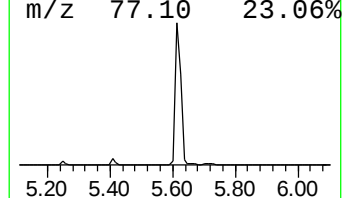
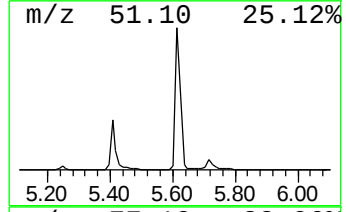
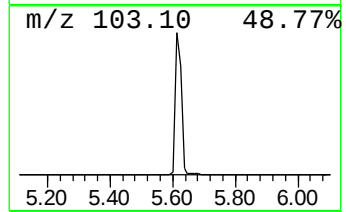
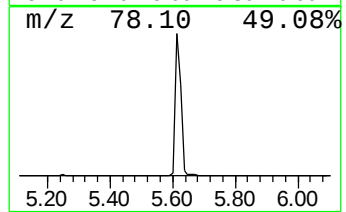
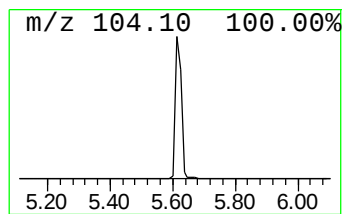
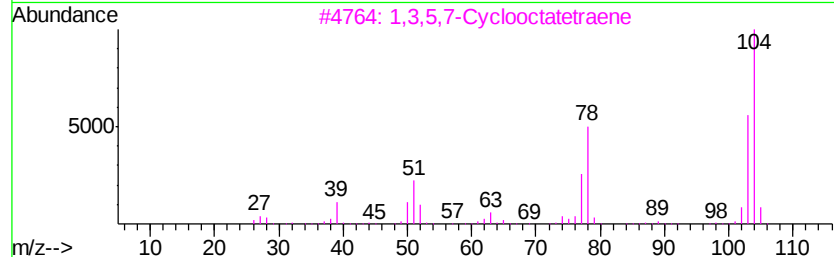
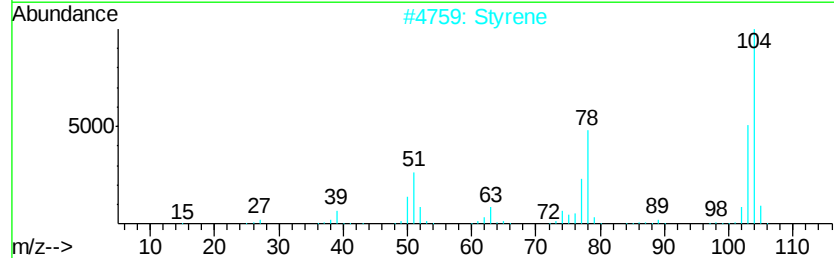
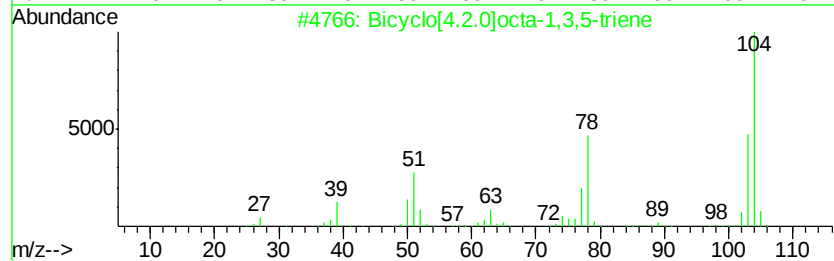
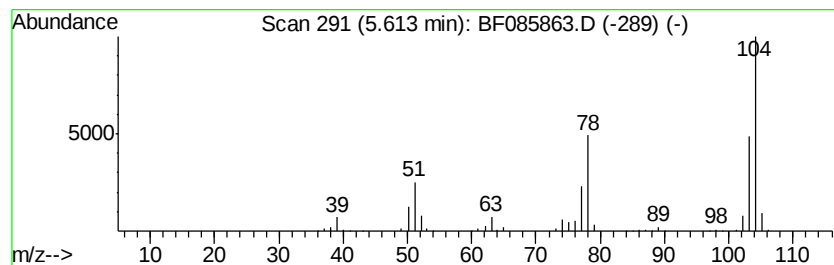
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	23.75 ng	824844	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2		Styrene	104	C8H8	000100-42-5	96
3		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	35
5		1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

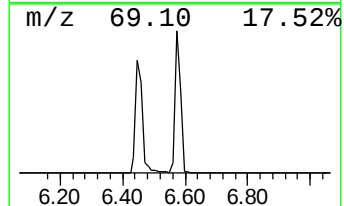
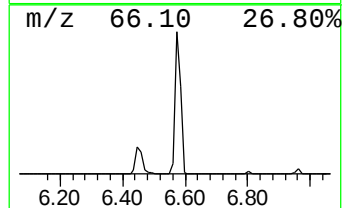
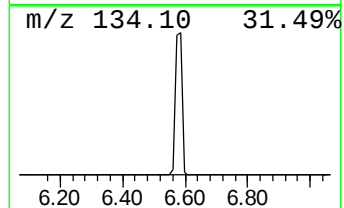
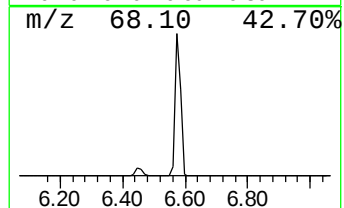
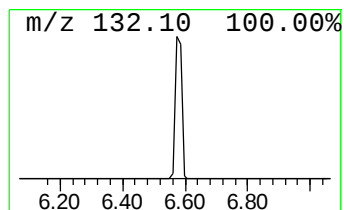
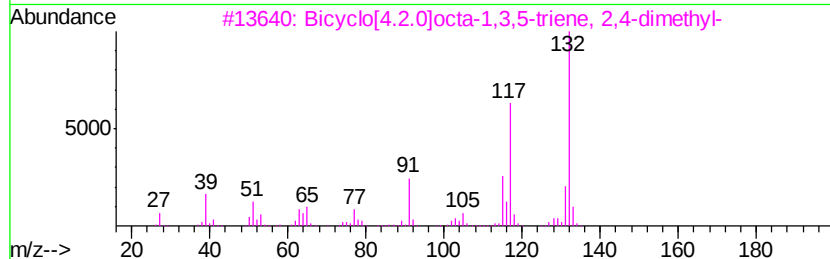
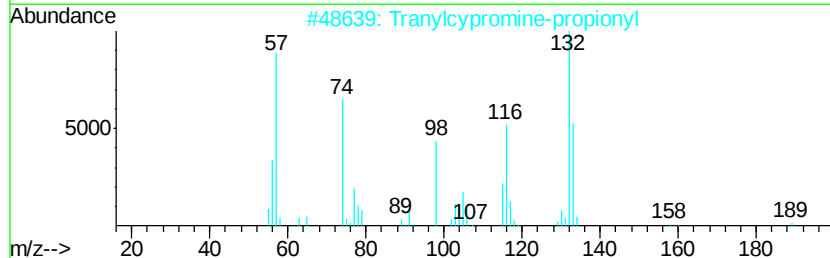
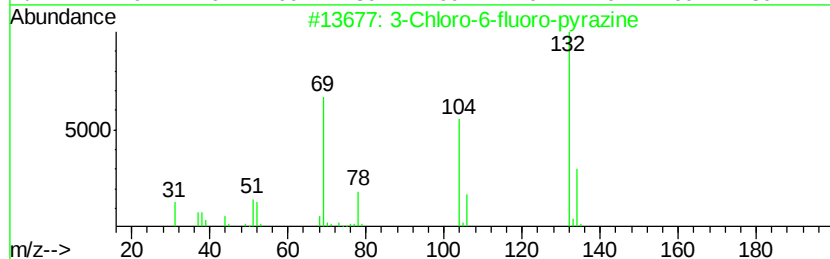
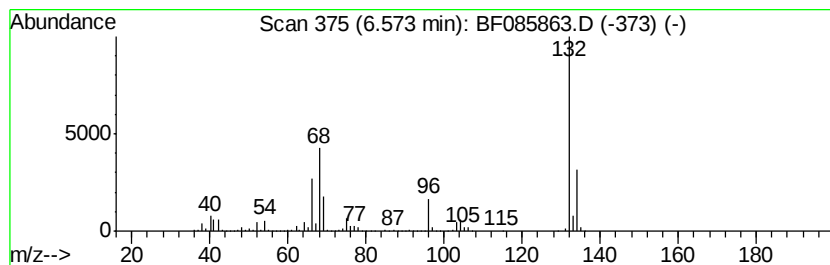
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	84.22 ng	2924590	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

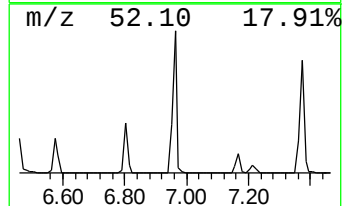
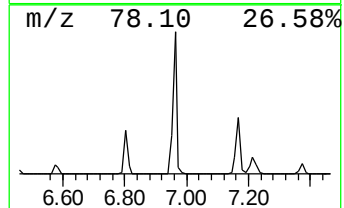
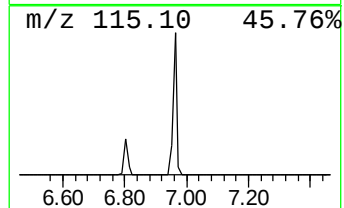
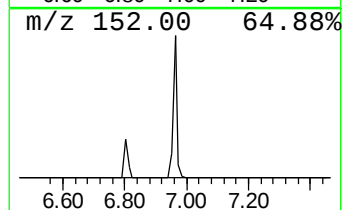
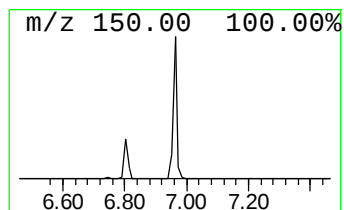
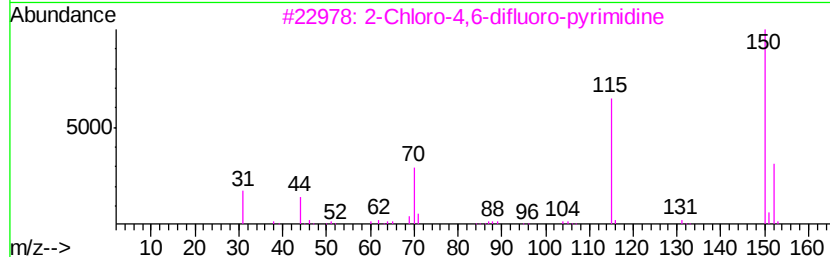
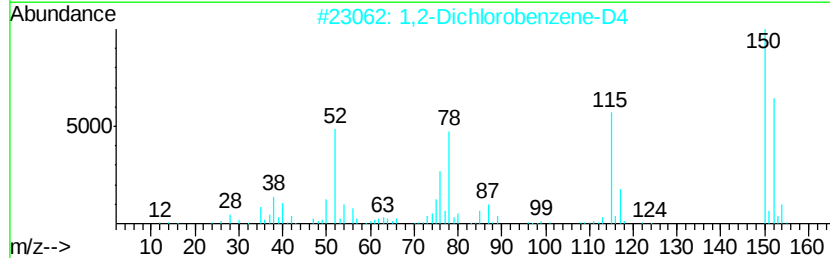
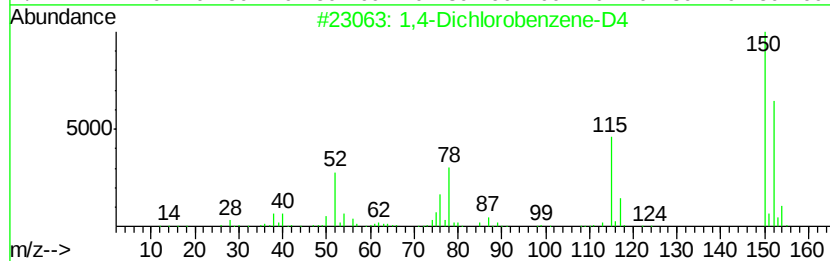
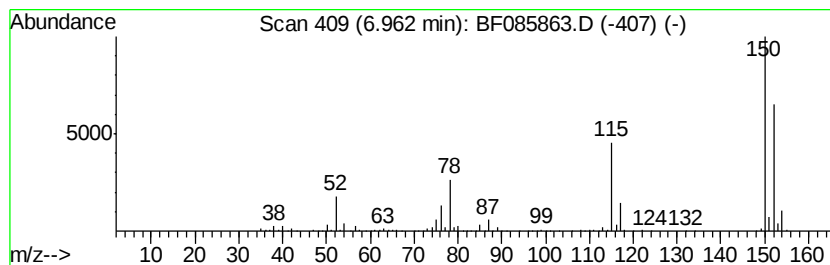
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Chloro-4,6-difluoro-pyrim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	68.51 ng	2378990	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	91
2			1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	91
3			2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	50
4			9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	22
5			But-2-yne-1,4-diol, o,o'-bis(3-n...	384	C18H12N2O8	055709-58-5	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

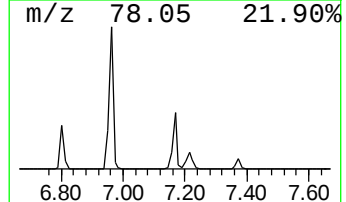
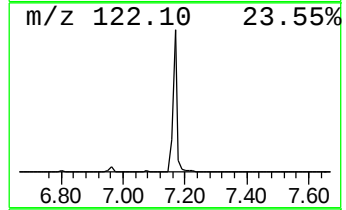
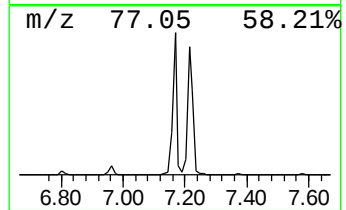
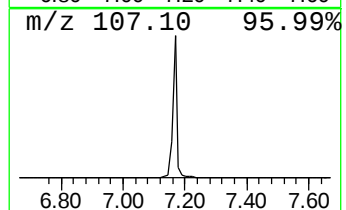
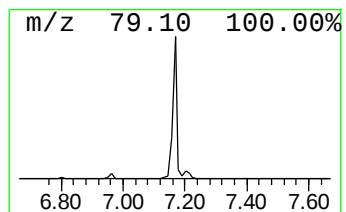
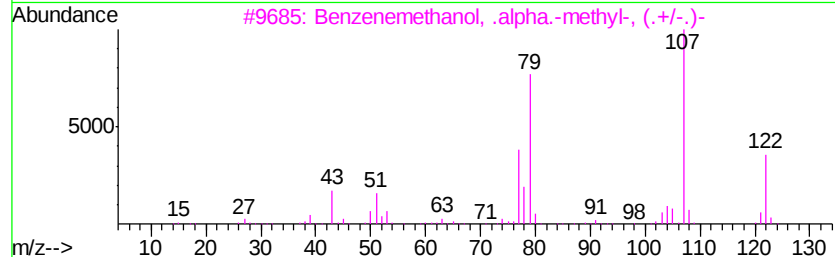
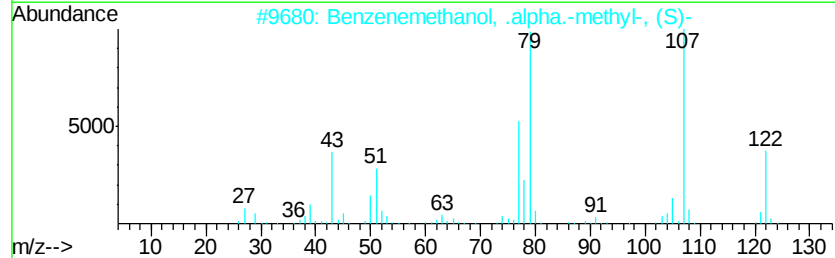
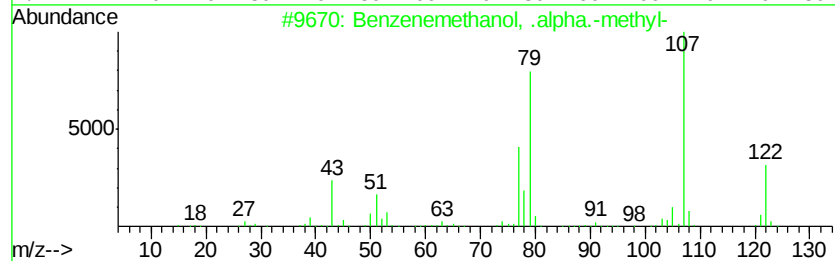
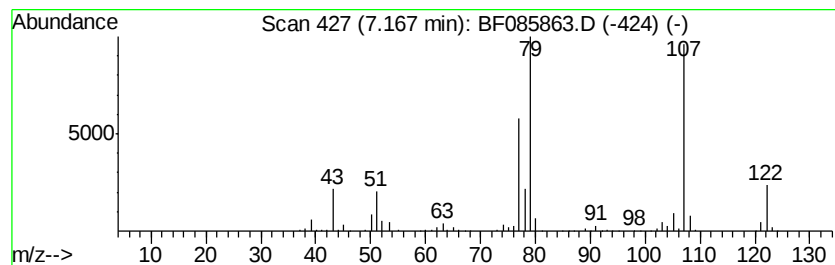
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzenemethanol, .alpha.-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	40.00 ng	1388900	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	96
2		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	94
3		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	013323-81-4	94
4		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	76
5		(S)-(+)-3-Chloro-1-phenyl-1-prop...	170	C9H11ClO	100306-34-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

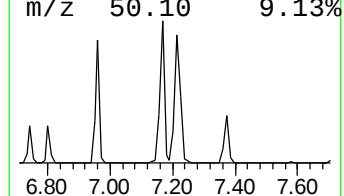
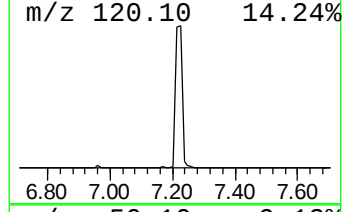
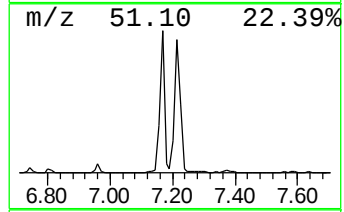
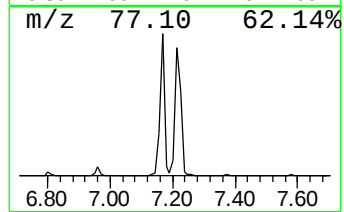
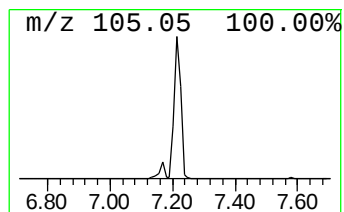
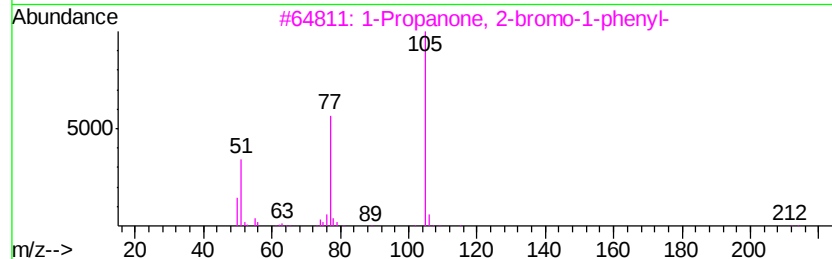
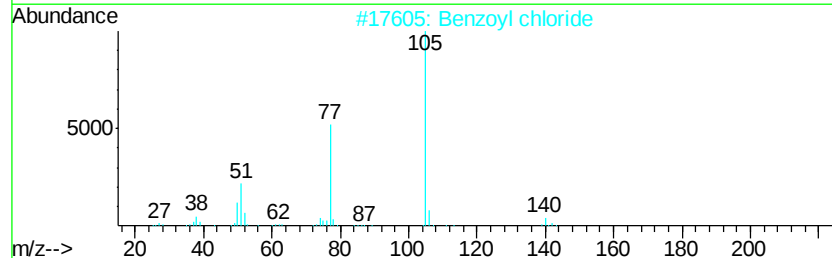
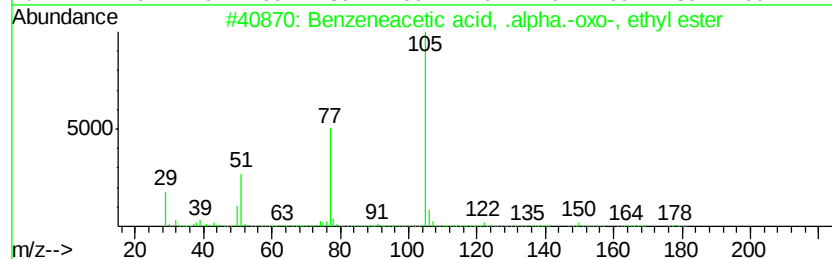
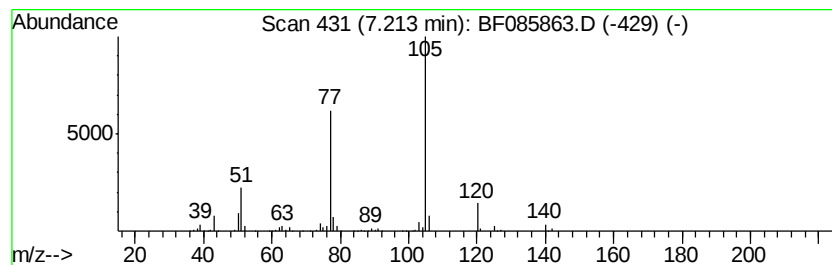
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzeneacetic acid, .alpha.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	31.69 ng	1100450	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	64
2		Benzoyl chloride	140	C7H5ClO	000098-88-4	64
3		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	64
4		Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	64
5		Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

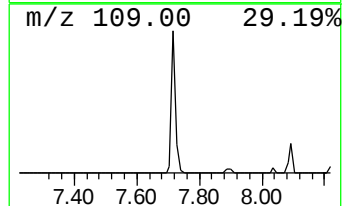
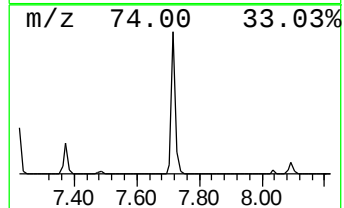
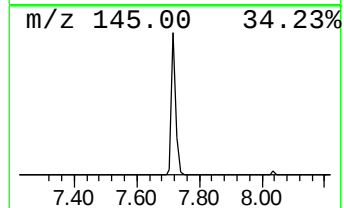
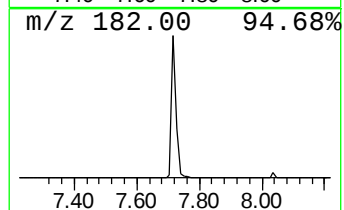
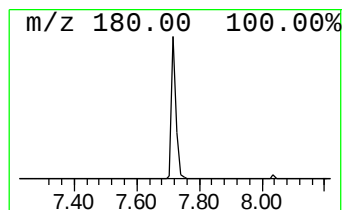
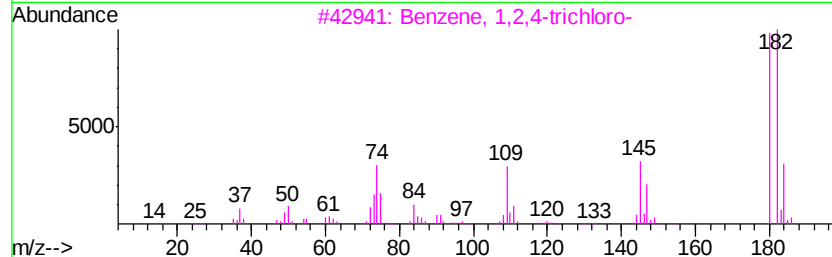
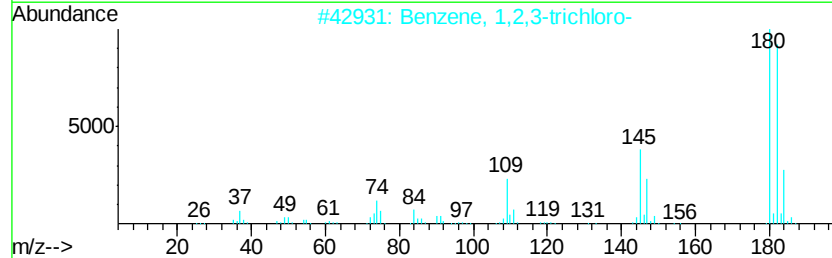
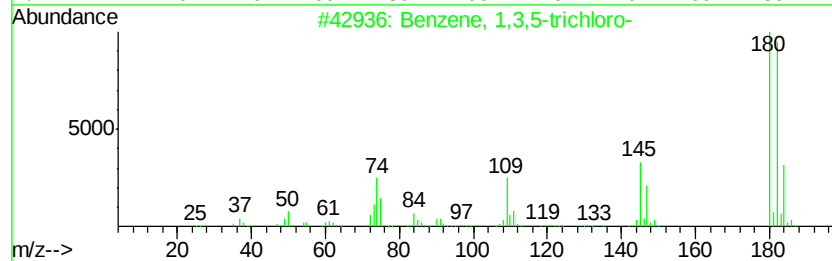
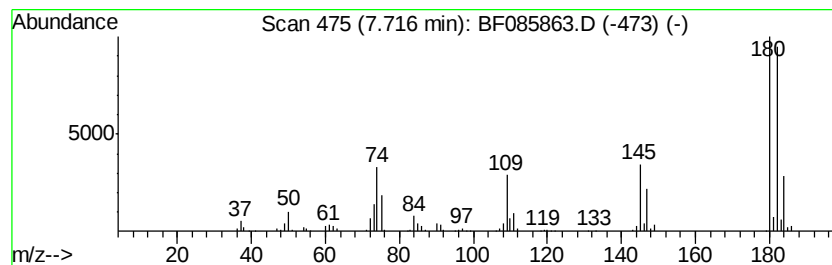
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	6.80 ng	322422	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4		Benzene, (bromoethynyl)-	180	C8H5Br	000932-87-6	49
5		Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

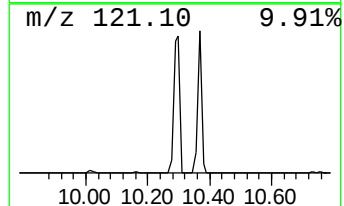
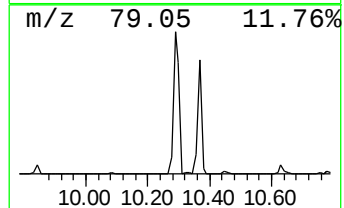
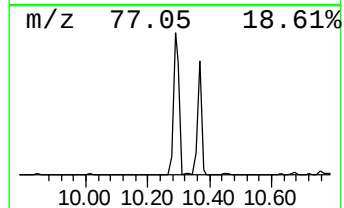
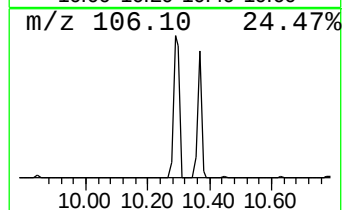
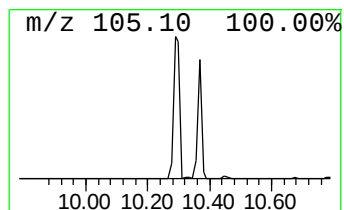
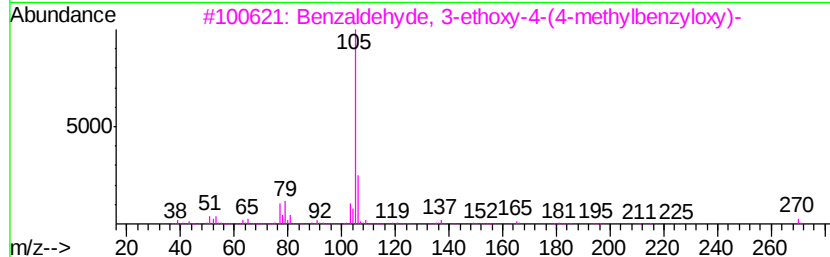
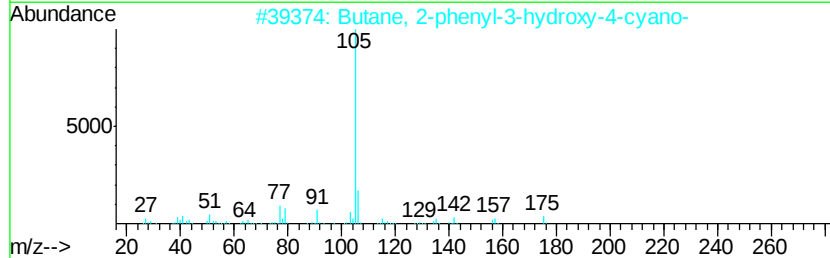
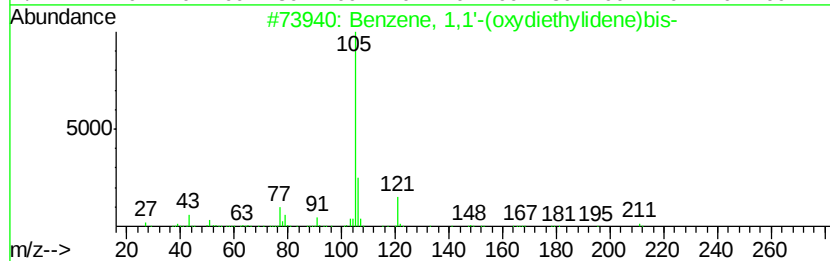
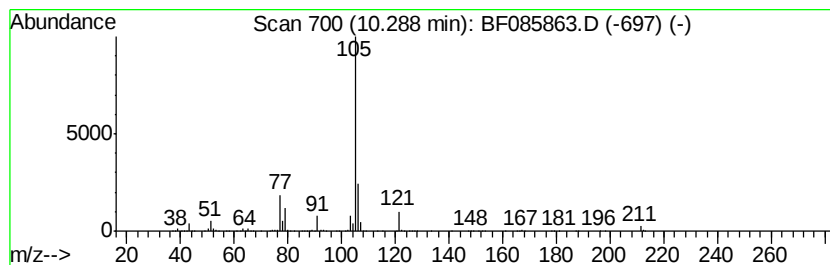
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,1'-(oxydiethylidene)bis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	90.56 ng	4075130	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,1'-(oxydiethylidene)bis-	226 C16H18O	000093-96-9 83
2		Butane, 2-phenyl-3-hydroxy-4-cyano-	175 C11H13NO	1000162-09-2 45
3		Benzaldehyde, 3-ethoxy-4-(4-meth...	270 C17H18O3	351066-35-8 40
4		3-Methylbenzyl(1-hydroxyprop-2-y...	180 C11H16O2	1000284-47-8 40
5		4-Methoxybenzyl(.alpha.-methylbe...	258 C16H18OS	1000284-36-6 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

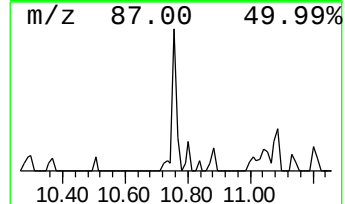
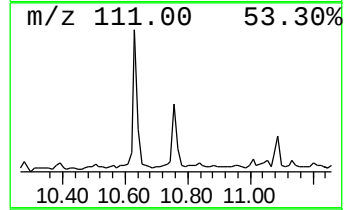
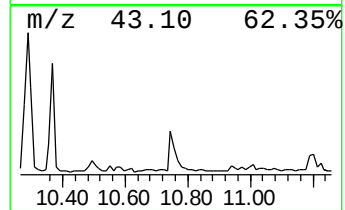
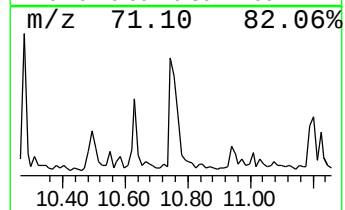
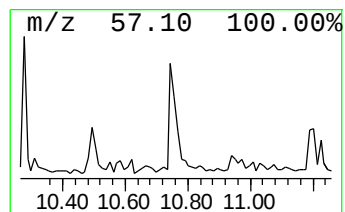
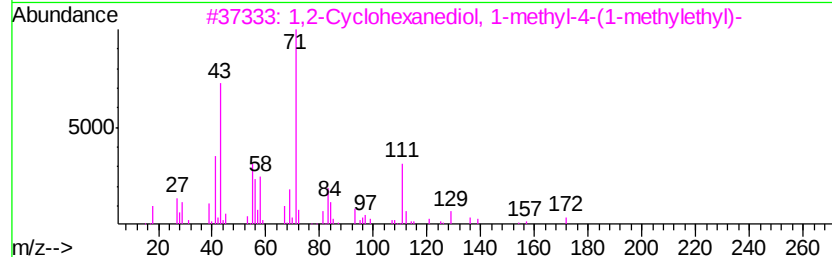
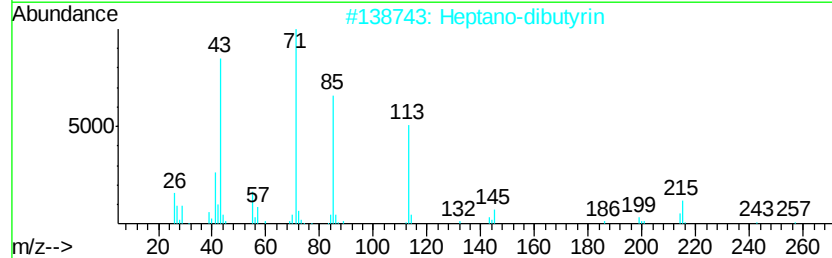
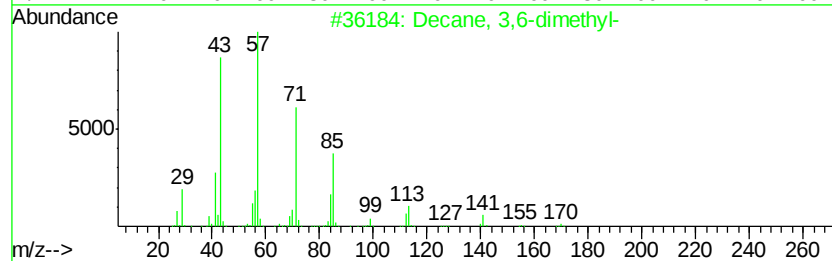
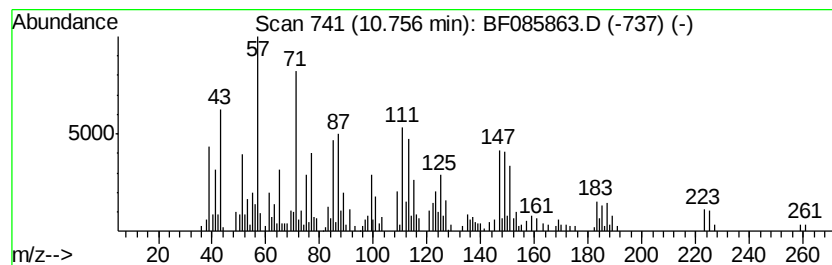
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.76 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	8.08 ng	356091	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
2		Heptano-dibutyryn	344	C18H32O6	065235-13-4	27
3		1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	25
4		2,6-Dimethyldecane	170	C12H26	013150-81-7	25
5		Hexacosane	366	C26H54	000630-01-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

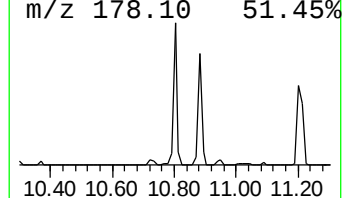
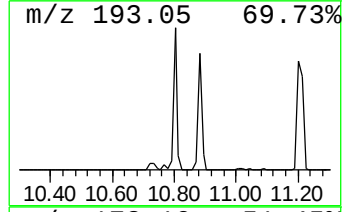
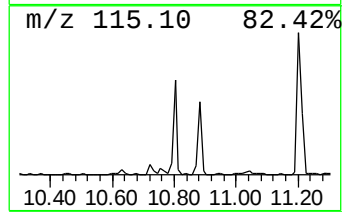
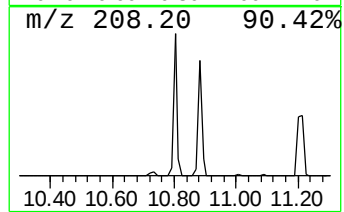
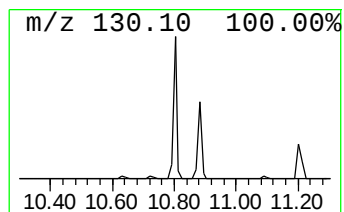
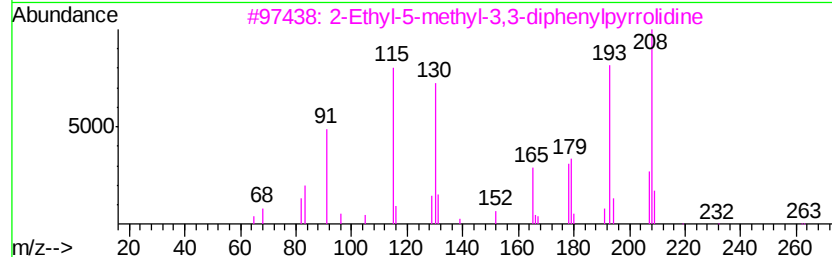
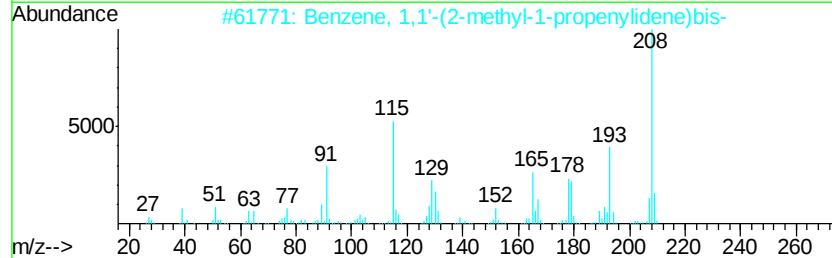
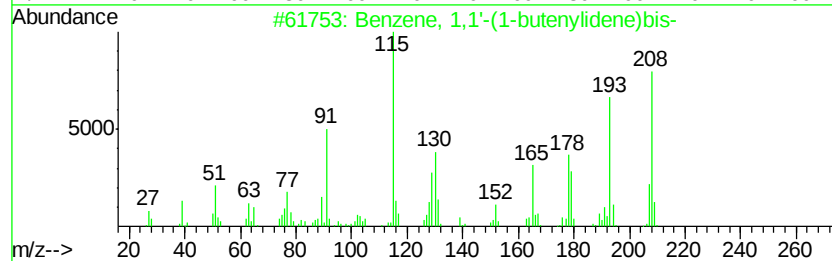
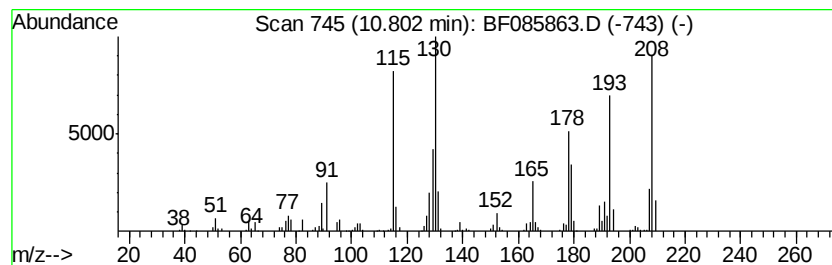
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,1'-(1-butenylide... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	12.28 ng	540653	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	96
2		Benzene, 1,1'-(2-methyl-1-propen...	208	C16H16	000781-33-9	90
3		2-Ethyl-5-methyl-3,3-diphenylpyr...	265	C19H23N	057100-29-5	64
4		Benzene, 1,1'-(1,2-dimethyl-1,2-...	208	C16H16	000782-06-9	46
5		Benzene, 1,1'-(1,2-dimethyl-1,2-...	208	C16H16	000782-05-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

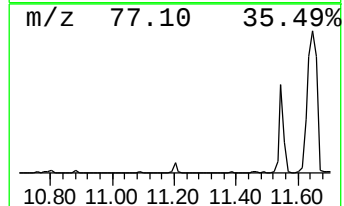
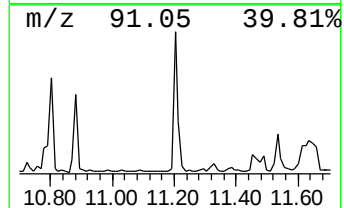
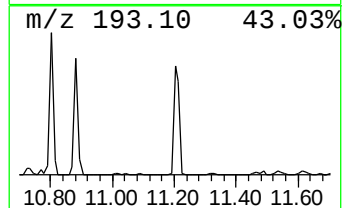
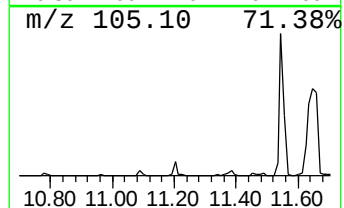
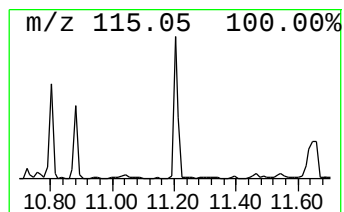
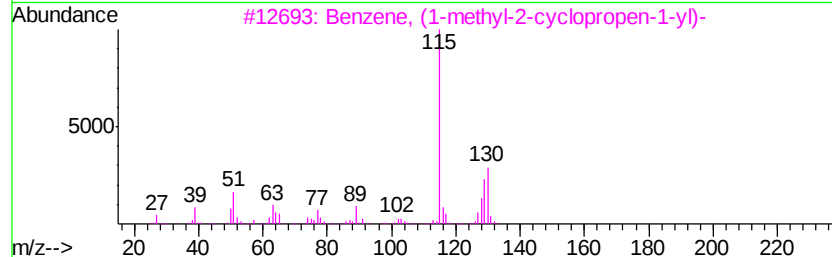
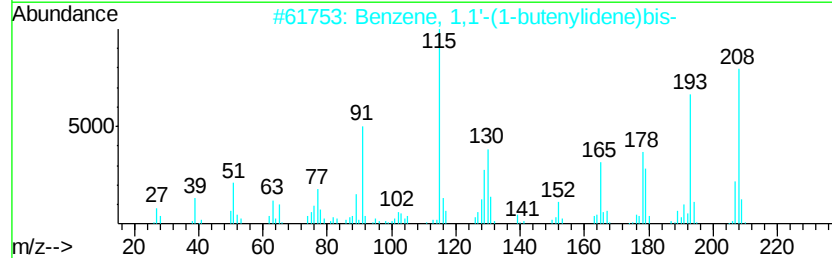
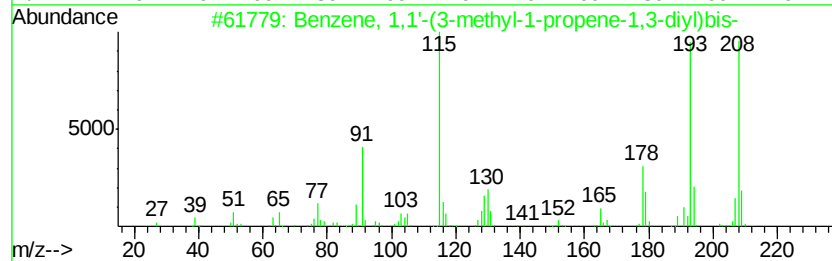
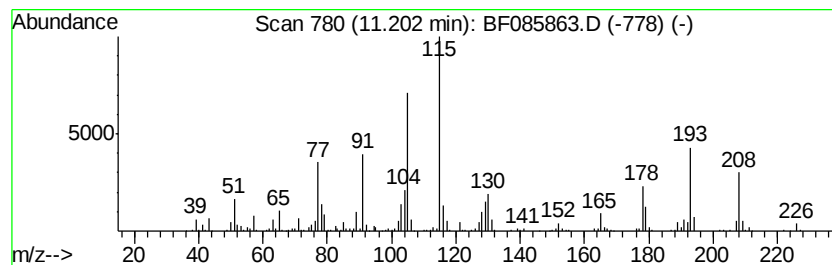
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,1'-(3-methyl-1-p... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	15.62 ng	687777	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(3-methyl-1-propen...	208	C16H16	007614-93-9	94
2		Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	45
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	35
4		Cis-2,5-dimethylthiane	130	C7H14S	1000215-06-6	27
5		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-5

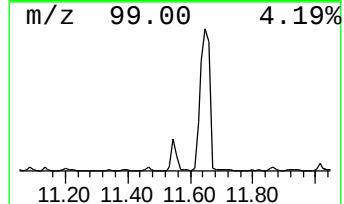
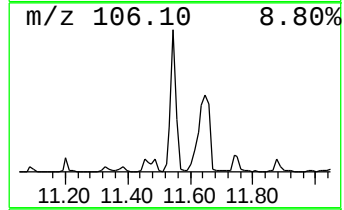
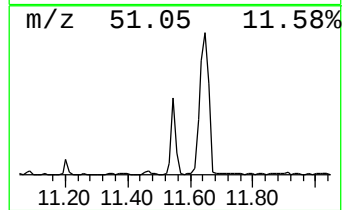
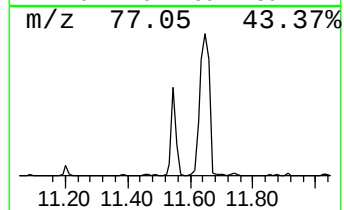
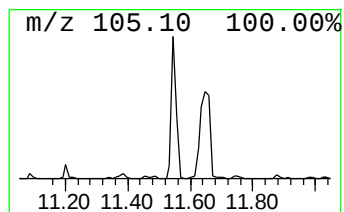
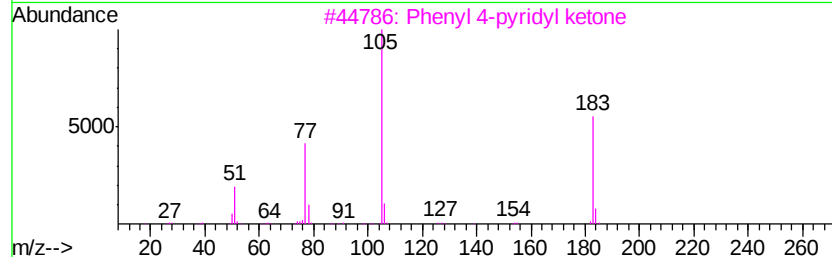
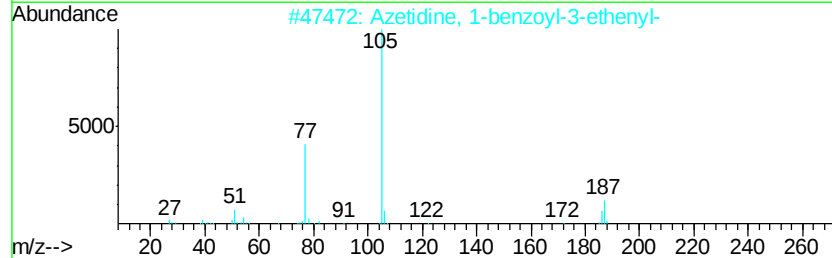
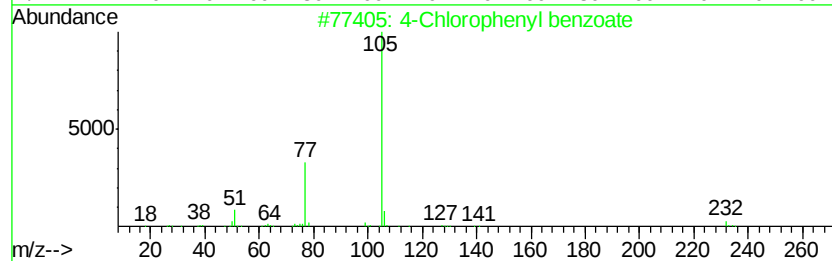
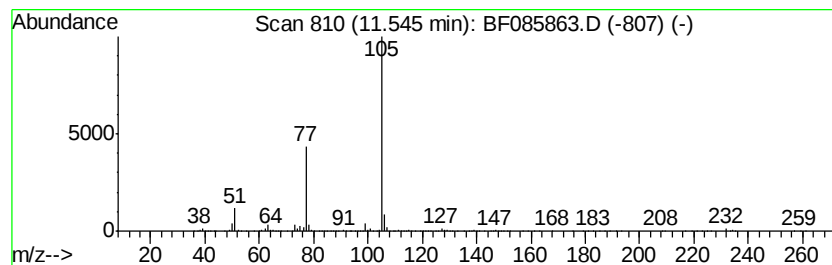
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4-Chlorophenyl benzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	33.28 ng	1465930	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chlorophenyl benzoate	232	C13H9ClO2	002005-08-5	74
2		Azetidine, 1-benzoyl-3-ethenyl-	187	C12H13NO	118973-03-8	72
3		Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	64
4		Isopropyl phenyl ketone	148	C10H12O	000611-70-1	64
5		Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

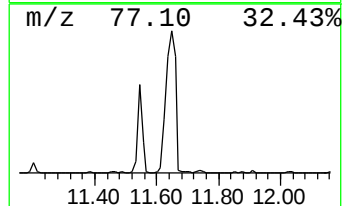
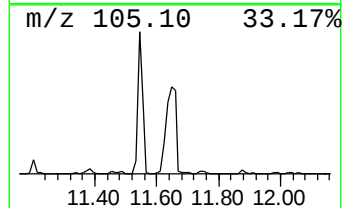
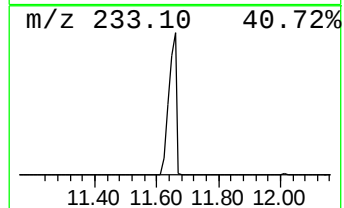
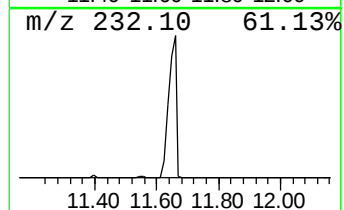
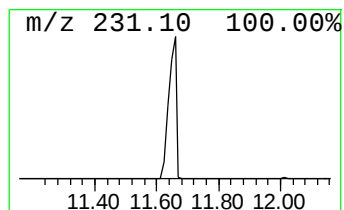
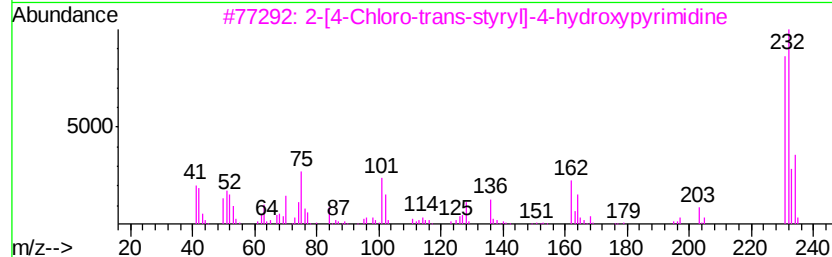
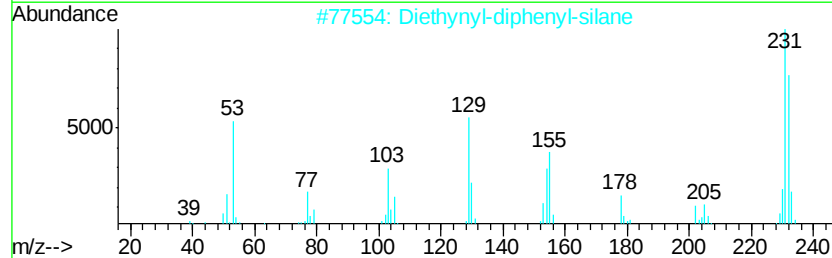
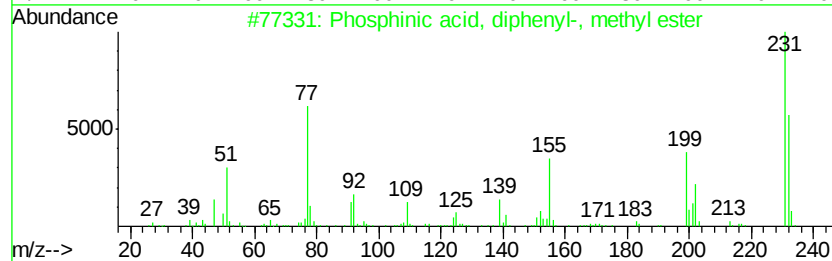
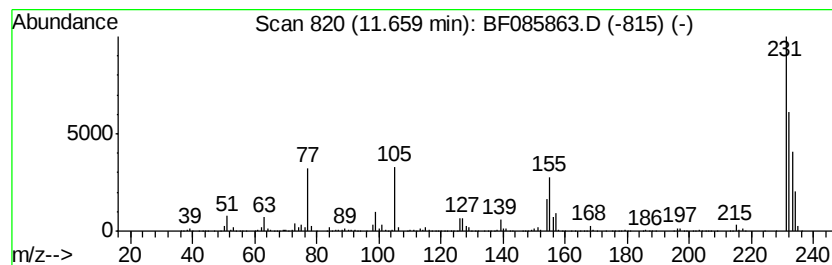
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	240.82 ng	10606700	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphinic acid, diphenyl-, meth...	232	C13H13O2P	001706-90-7	43
2	Diethynyl-diphenyl-silane	232	C16H12Si	001675-57-6	38
3	2-[4-Chloro-trans-styryl]-4-hydr...	232	C12H9ClN2O	1000251-23-8	27
4	2,4-Diamino-8-chloro-9H-indeno[2...	232	C11H9ClN4	024007-28-1	22
5	m-(p-Chlorophenoxy)benzaldehyde	232	C13H9ClO2	069770-20-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

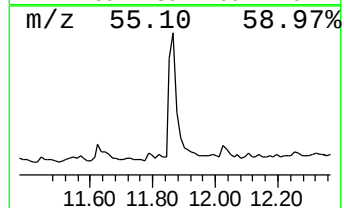
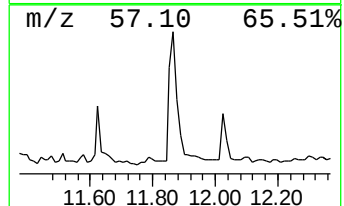
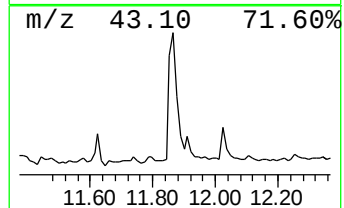
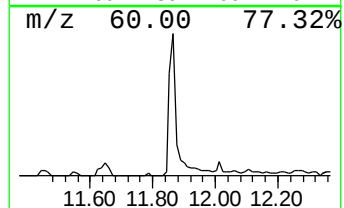
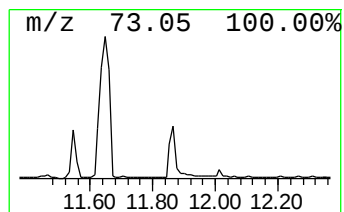
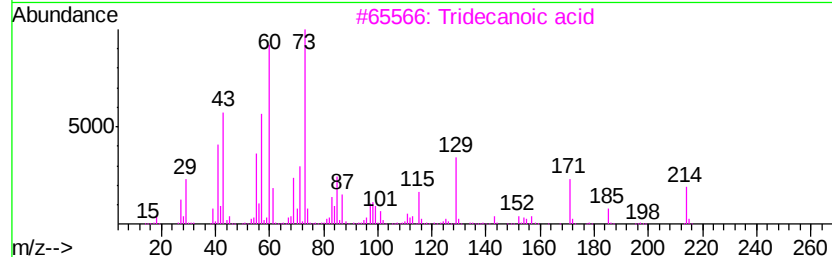
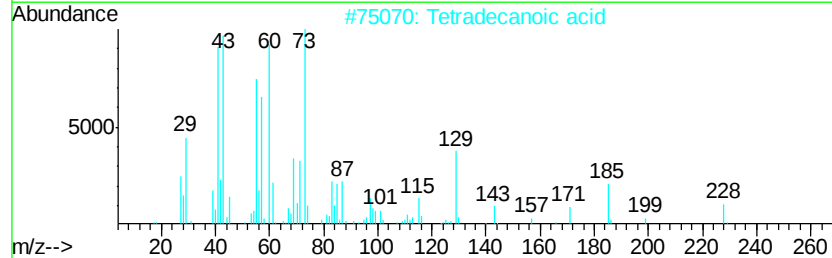
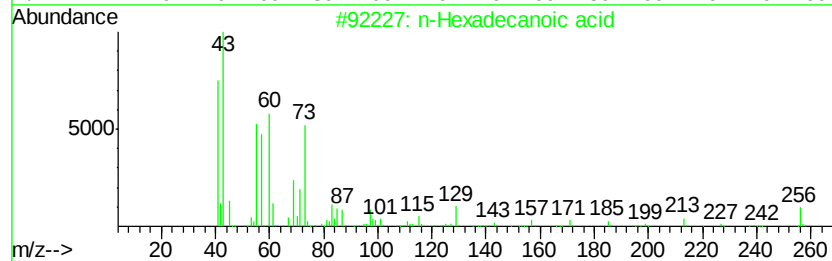
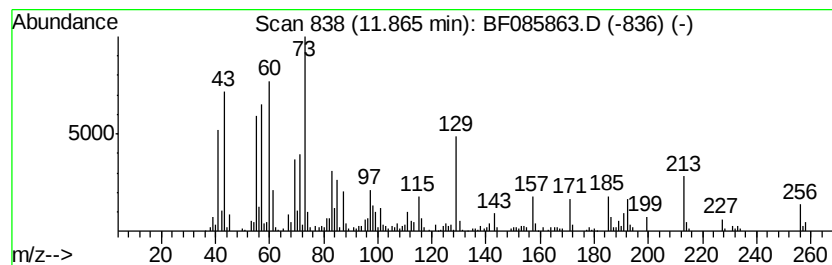
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.49 ng	417928	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

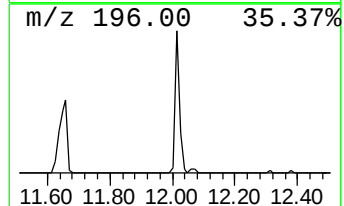
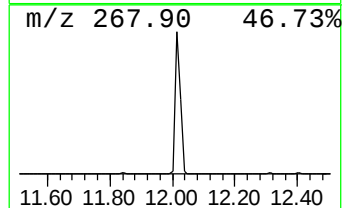
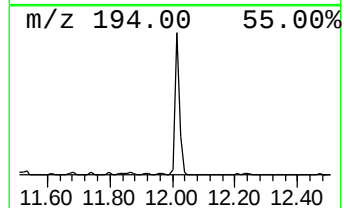
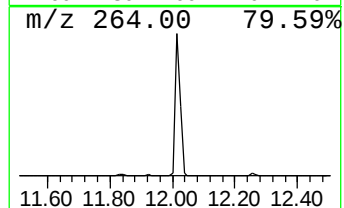
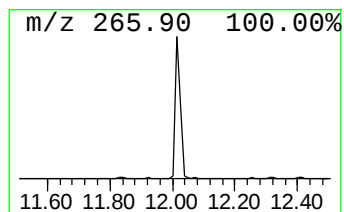
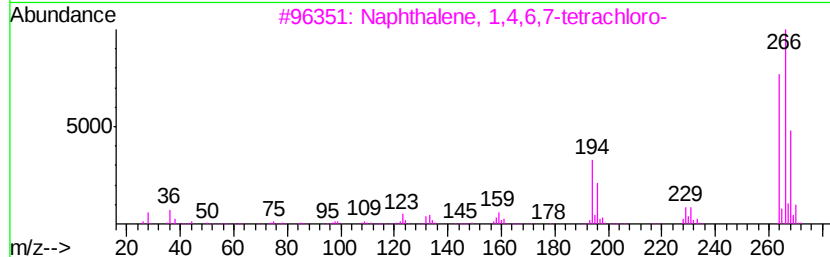
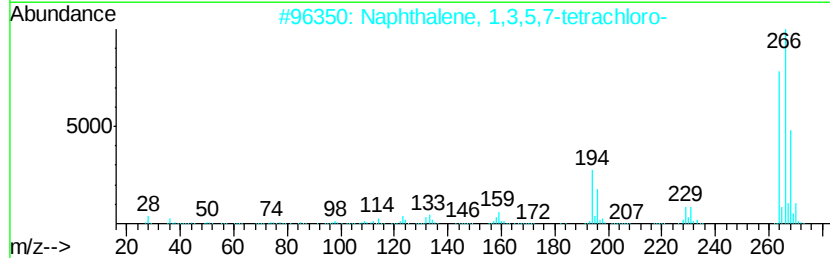
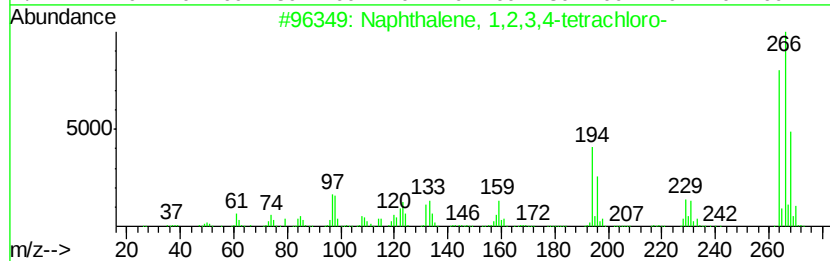
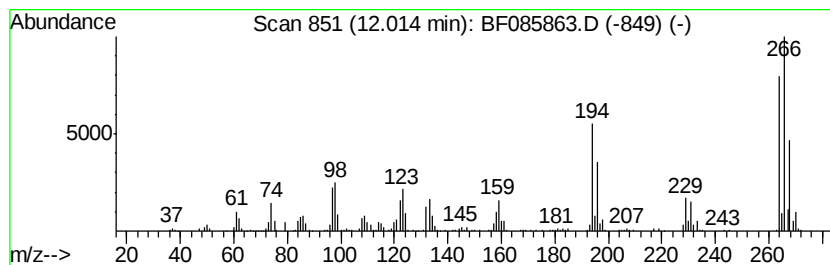
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetrac... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	11.59 ng	510639	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	99
2		Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	99
3		Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	99
4		Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	96
5		1,2-Benzenedicarbonitrile, 3,4,5...	264	C8Cl4N2	001953-99-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

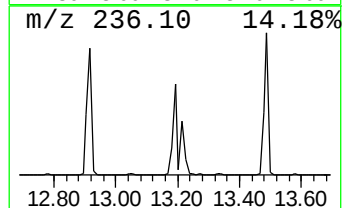
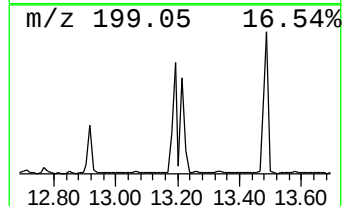
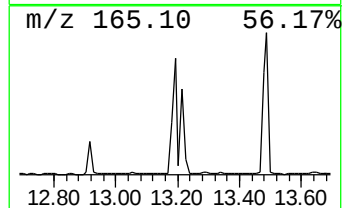
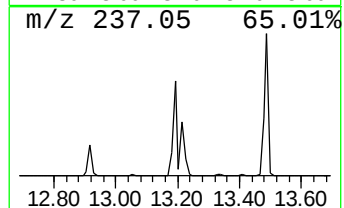
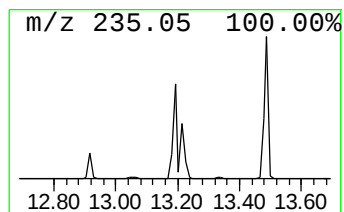
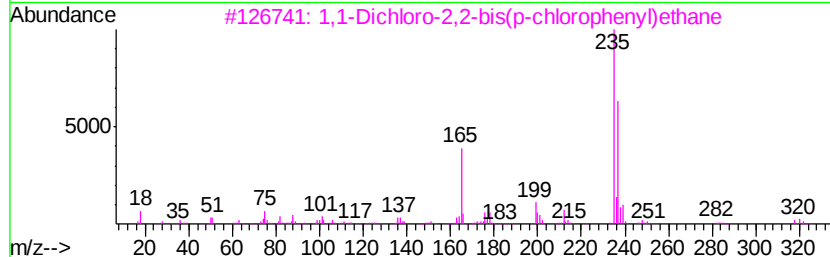
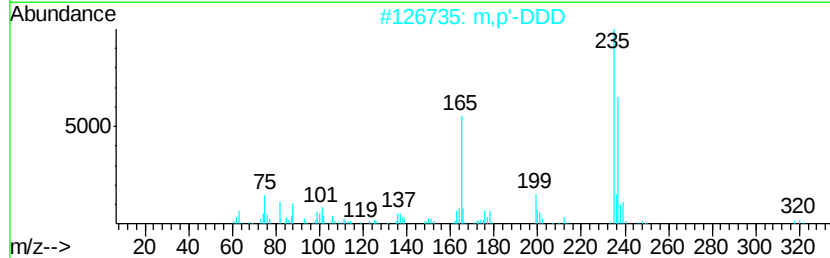
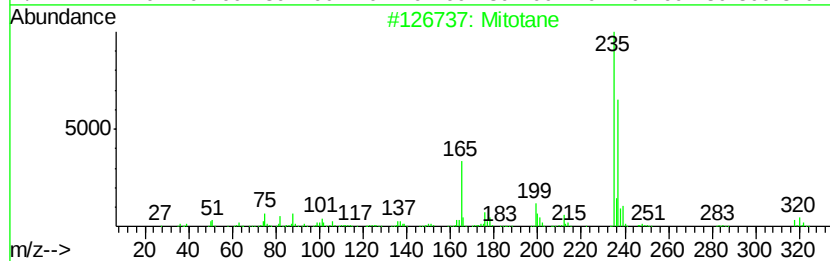
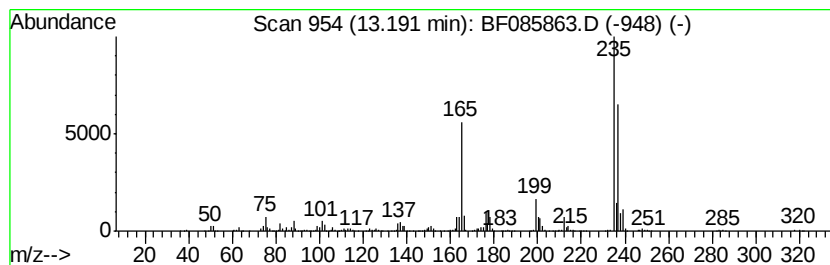
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Mitotane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	24.80 ng	1203800	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	99
2		m,p'-DDD	318	C14H10Cl4	004329-12-8	99
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
4		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
5		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085863.D
Acq On : 29 Mar 2016 21:57
Operator : UM/SJ
Sample : H1970-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

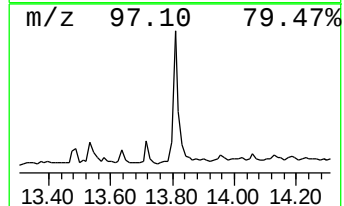
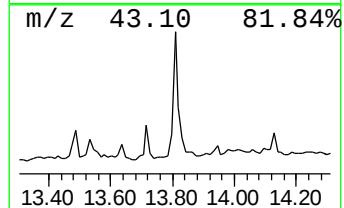
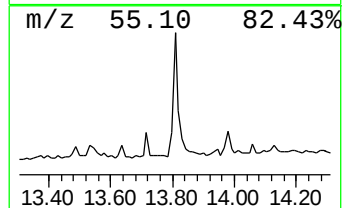
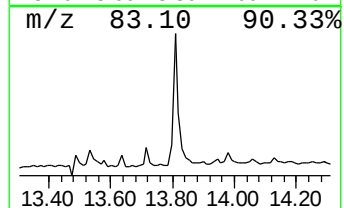
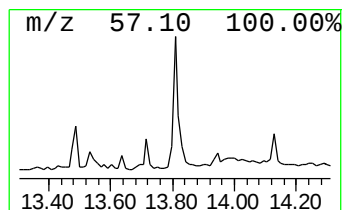
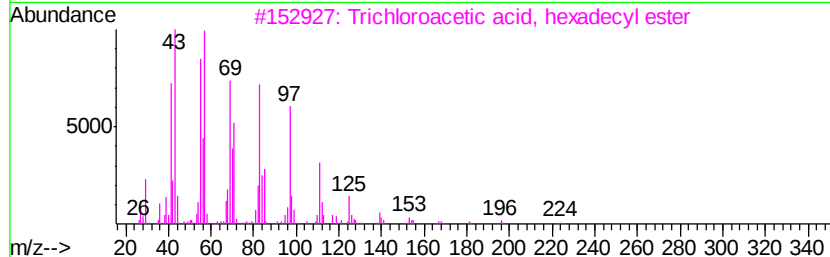
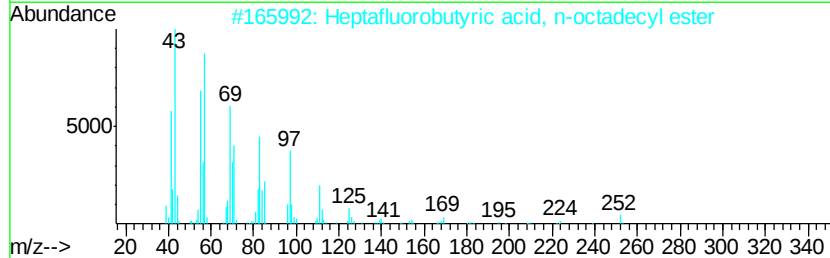
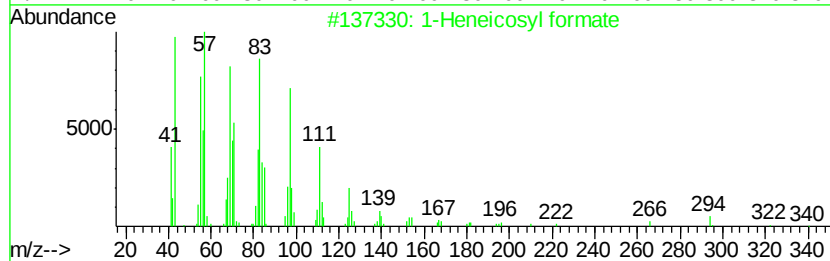
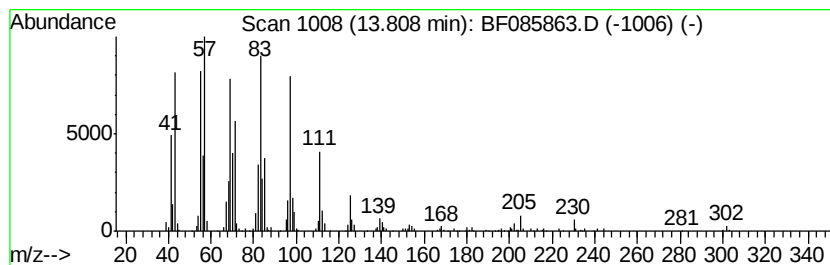
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Heneicosyl formate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	8.58 ng	416473	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085863.D
 Acq On : 29 Mar 2016 21:57
 Operator : UM/SJ
 Sample : H1970-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
Bicyclo[4.2.0]oct...	5.61	23.8	ng	824844	1	6.80	694477	20.0
unknown6.57	6.57	84.2	ng	2924590	1	6.80	694477	20.0
2-Chloro-4,6-difl...	6.96	68.5	ng	2378990	1	6.80	694477	20.0
Benzenemethanol, ...	7.17	40.0	ng	1388900	1	6.80	694477	20.0
Benzeneacetic aci...	7.21	31.7	ng	1100450	1	6.80	694477	20.0
Benzene, 1,3,5-tr...	7.72	6.8	ng	322422	2	8.09	947996	20.0
Benzene, 1,1'-(ox...	10.29	90.6	ng	4075130	3	9.84	900032	20.0
unknown10.76	10.76	8.1	ng	356091	4	11.33	880882	20.0
Benzene, 1,1'-(1-...	10.80	12.3	ng	540653	4	11.33	880882	20.0
Benzene, 1,1'-(3-...	11.20	15.6	ng	687777	4	11.33	880882	20.0
4-Chlorophenyl be...	11.55	33.3	ng	1465930	4	11.33	880882	20.0
unknown11.66	11.66	240.8	ng	10606700	4	11.33	880882	20.0
n-Hexadecanoic acid	11.87	9.5	ng	417928	4	11.33	880882	20.0
Naphthalene, 1,2,...	12.01	11.6	ng	510639	4	11.33	880882	20.0
Mitotane	13.19	24.8	ng	1203800	5	13.97	970980	20.0
1-Heneicosyl formate	13.81	8.6	ng	416473	5	13.97	970980	20.0