

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111317\
 Data File : BF100503.D
 Acq On : 13 Nov 2017 15:56
 Operator : SJ/JU
 Sample : I6409-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF100504.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.999	315	325	329	rBV	256748	331303	15.90%	1.679%
2	5.116	511	515	524	rBV	292749	352389	16.91%	1.785%
3	5.381	557	560	564	rBV	91521	79783	3.83%	0.404%
4	5.510	574	582	586	rBV2	1614696	2084193	100.00%	10.560%
5	5.746	617	622	625	rVB2	113369	137039	6.58%	0.694%
6	6.416	733	736	738	rBV	45201	34045	1.63%	0.172%
7	6.445	738	741	743	rVV2	32749	35523	1.70%	0.180%
8	6.516	743	753	760	rVB	1673876	1974505	94.74%	10.004%
9	6.663	773	778	781	rBV	1936911	1870991	89.77%	9.479%
10	6.716	784	787	790	rVV2	121654	107241	5.15%	0.543%
11	6.745	790	792	798	rVB3	16476	20922	1.00%	0.106%
12	6.893	813	817	820	rVB	656721	530938	25.47%	2.690%
13	6.945	822	826	829	rBV	29813	22808	1.09%	0.116%
14	7.045	840	843	846	rBV	1522721	1372787	65.87%	6.955%
15	7.263	877	880	882	rBV	126044	98108	4.71%	0.497%
16	7.292	882	885	887	rVB	30813	27948	1.34%	0.142%
17	7.451	902	912	915	rBV	1203004	1190391	57.12%	6.031%
18	7.898	981	988	991	rBV	92815	129898	6.23%	0.658%
19	8.145	1024	1030	1031	rBV2	21086	22458	1.08%	0.114%
20	8.175	1031	1035	1037	rVV	783268	795994	38.19%	4.033%
21	8.192	1037	1038	1041	rVB	591534	356176	17.09%	1.805%
22	8.722	1124	1128	1132	rBV2	110591	118743	5.70%	0.602%
23	8.757	1132	1134	1138	rVB	82640	63532	3.05%	0.322%
24	8.881	1152	1155	1159	rVB	61433	49332	2.37%	0.250%
25	8.981	1169	1172	1175	rVB	41857	32989	1.58%	0.167%
26	9.245	1212	1217	1220	rBV	2187366	1860193	89.25%	9.425%
27	9.322	1227	1230	1232	rBV2	29362	23648	1.13%	0.120%
28	9.633	1281	1283	1287	rVB	207378	162457	7.79%	0.823%
29	9.763	1302	1305	1307	rBV	32695	29221	1.40%	0.148%
30	9.851	1314	1320	1322	rVB	28098	24963	1.20%	0.126%
31	9.928	1329	1333	1337	rBV	885486	718782	34.49%	3.642%
32	10.128	1362	1367	1371	rVB3	15211	22462	1.08%	0.114%
33	10.639	1449	1454	1457	rBV	236406	201361	9.66%	1.020%
34	10.716	1462	1467	1470	rBV	1273050	1096092	52.59%	5.553%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111317\
 Data File : BF100503.D
 Acq On : 13 Nov 2017 15:56
 Operator : SJ/JU
 Sample : I6409-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.833	1482	1487	1490	rBV4	24021	35920	1.72%	0.182%
36	11.004	1512	1516	1522	rBV	133158	117898	5.66%	0.597%
37	11.416	1582	1586	1588	rBV	700814	642471	30.83%	3.255%
38	11.433	1588	1589	1593	rVB	73102	48719	2.34%	0.247%
39	11.927	1667	1673	1680	rBV4	103726	132909	6.38%	0.673%
40	12.022	1685	1689	1692	rVV2	29003	30040	1.44%	0.152%
41	12.463	1758	1764	1766	rBV	36263	36949	1.77%	0.187%
42	12.492	1766	1769	1772	rVV3	25619	29356	1.41%	0.149%
43	12.545	1776	1778	1783	rBV3	16800	22001	1.06%	0.111%
44	12.622	1788	1791	1795	rVB	103760	87770	4.21%	0.445%
45	12.716	1804	1807	1810	rBV4	22660	21236	1.02%	0.108%
46	12.851	1825	1830	1836	rBV	110096	131801	6.32%	0.668%
47	12.998	1850	1855	1858	rBV	1189051	1143815	54.88%	5.795%
48	13.069	1864	1867	1874	rBV5	19460	35199	1.69%	0.178%
49	13.180	1883	1886	1890	rVB	24390	24156	1.16%	0.122%
50	13.669	1966	1969	1970	rBV2	22709	21355	1.02%	0.108%
51	13.880	2002	2005	2011	rVB2	93725	100543	4.82%	0.509%
52	14.051	2030	2034	2037	rBV	578802	546686	26.23%	2.770%
53	14.074	2037	2038	2042	rVB	49304	29923	1.44%	0.152%
54	15.092	2209	2211	2215	rBV	43134	54263	2.60%	0.275%
55	15.533	2281	2286	2294	rVB	329916	465193	22.32%	2.357%

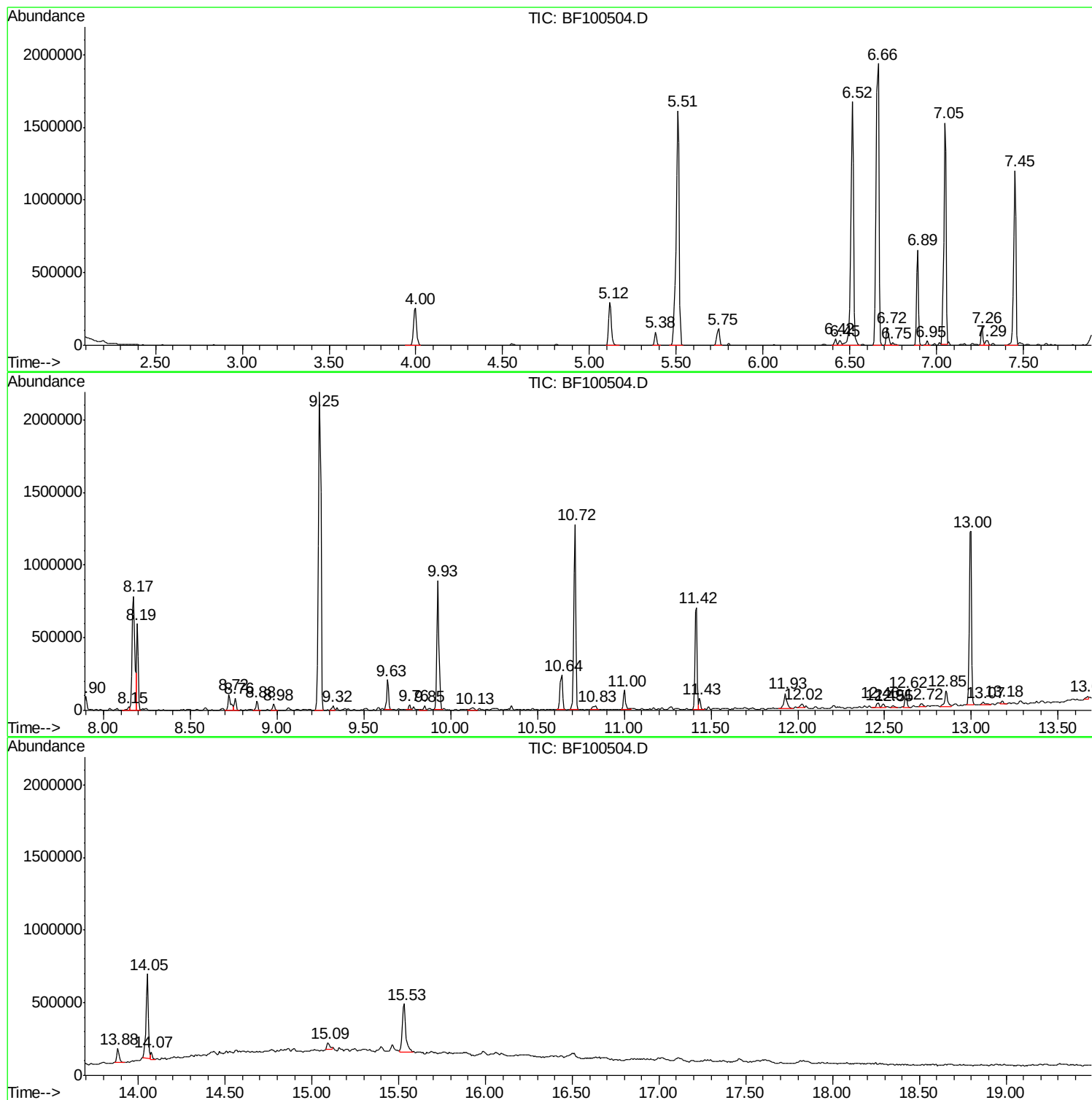
Sum of corrected areas: 19737418

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

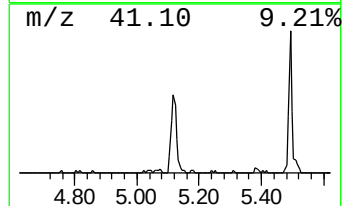
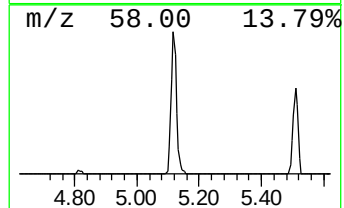
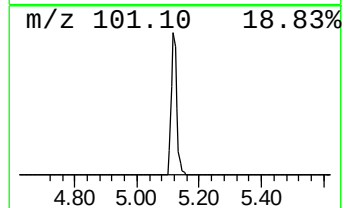
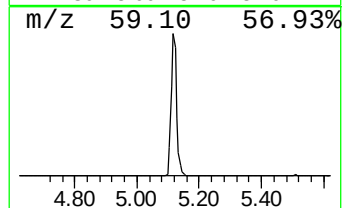
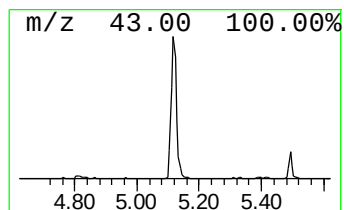
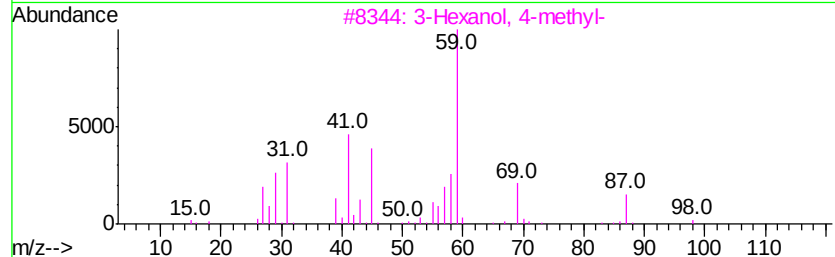
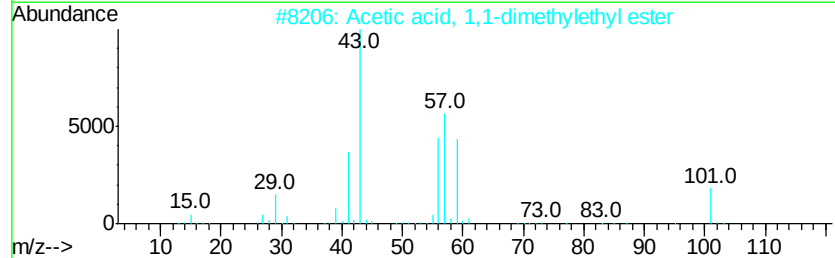
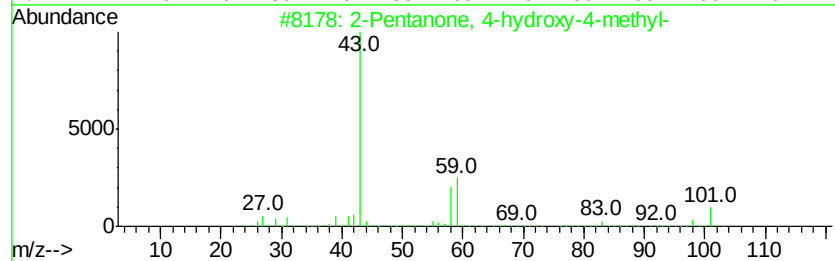
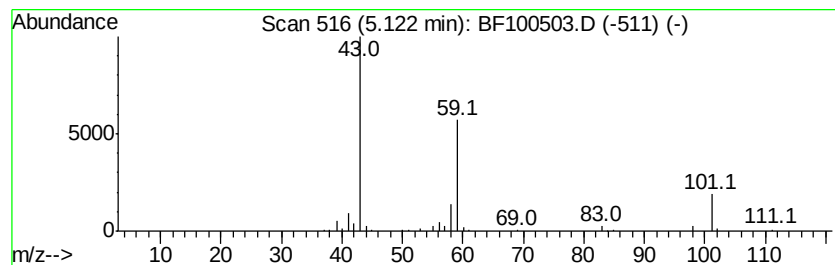
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	13.27 ng	352389	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

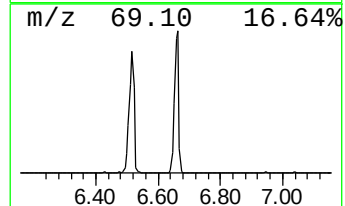
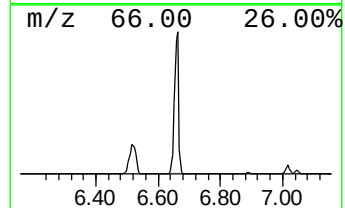
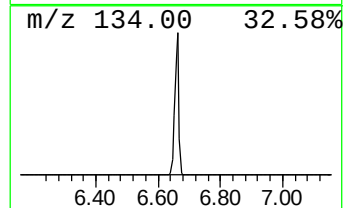
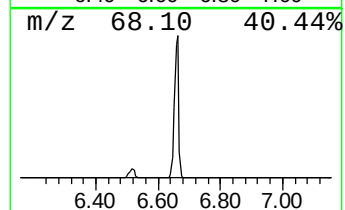
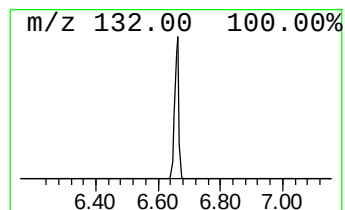
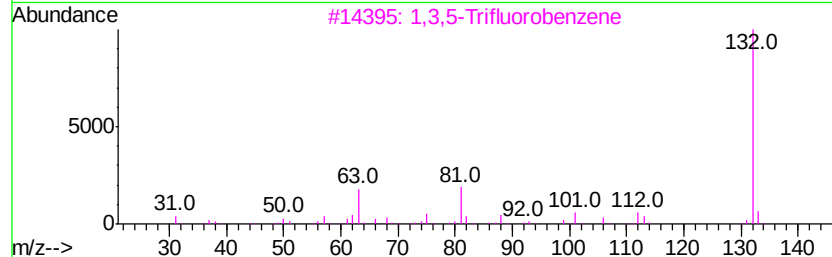
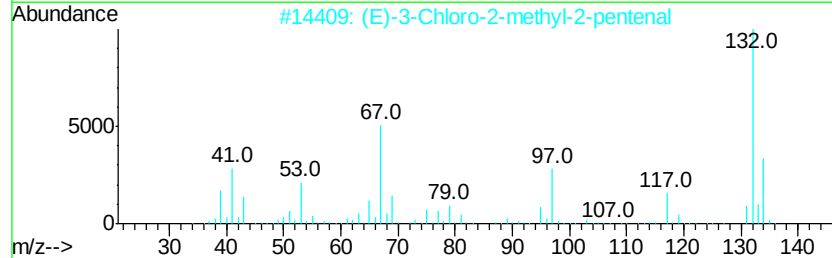
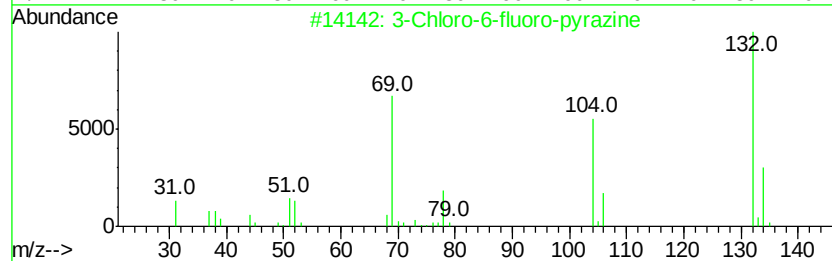
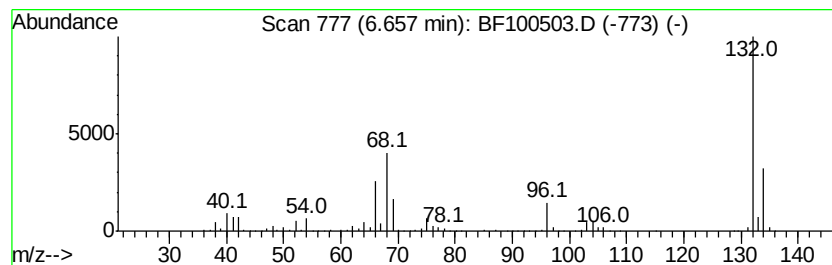
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	70.48 ng	1870990	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

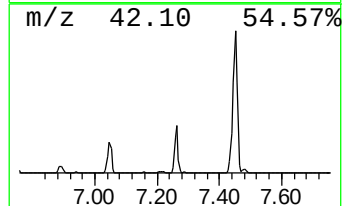
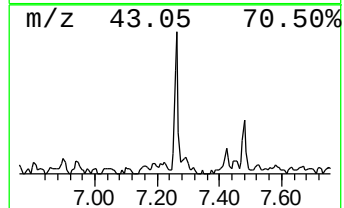
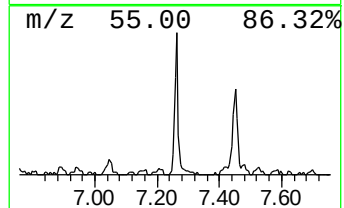
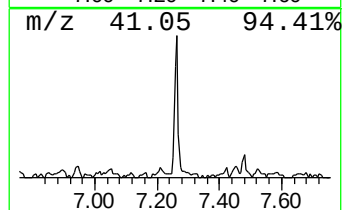
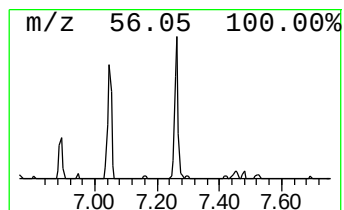
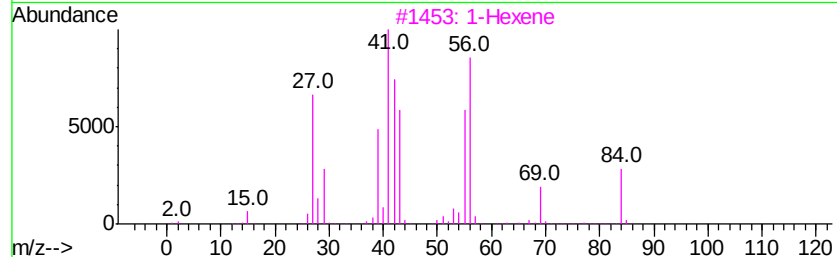
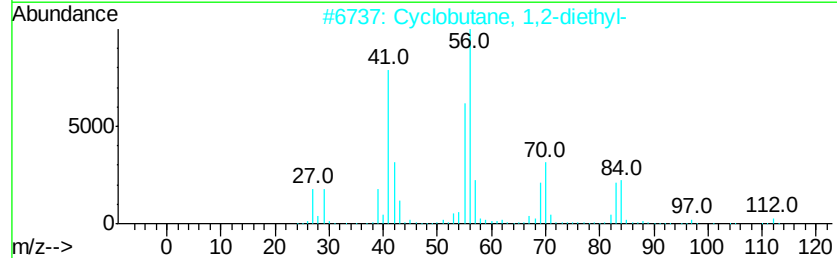
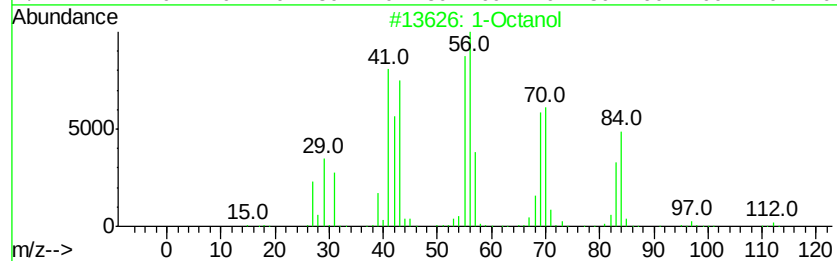
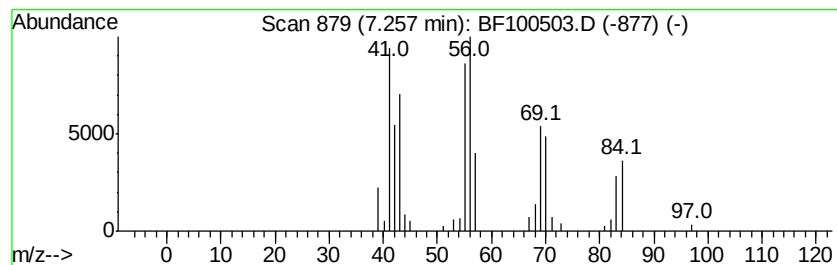
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.70 ng	98108	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol	130	C8H18O	000111-87-5	90
2		Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	64
3		1-Hexene	84	C6H12	000592-41-6	50
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
5		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

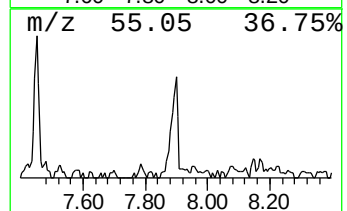
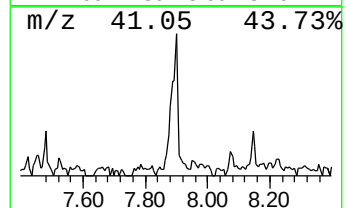
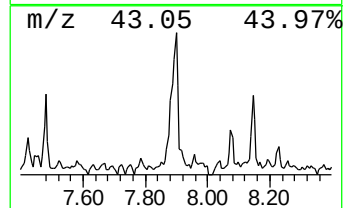
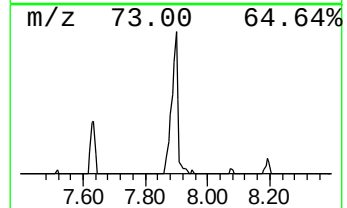
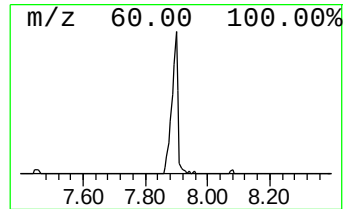
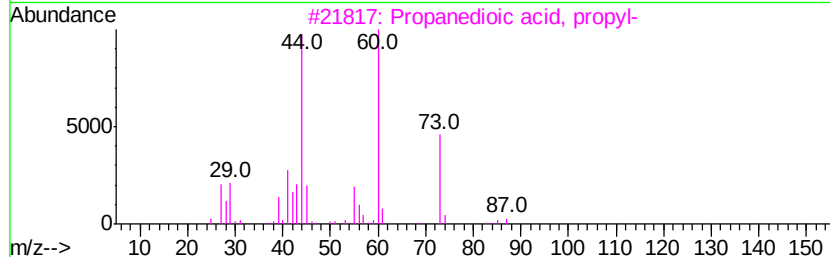
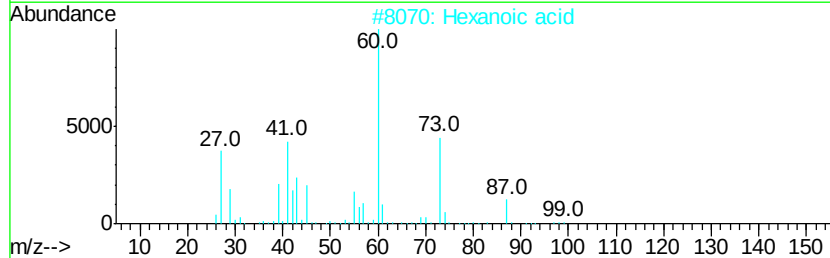
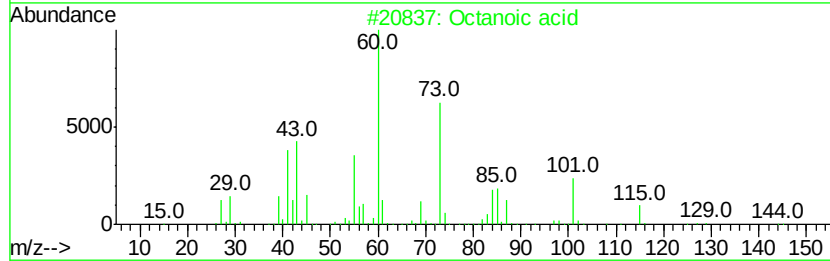
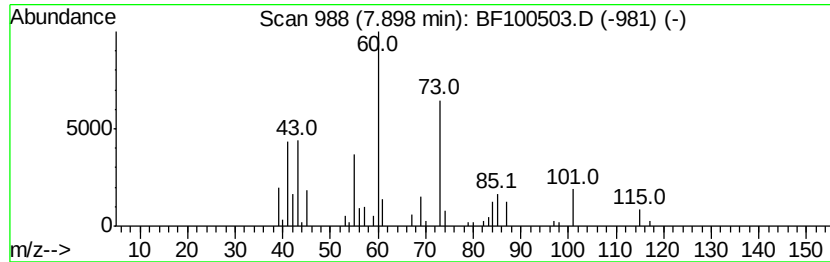
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	3.26 ng	129898	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid	144	C8H16O2	000124-07-2	90
2		Hexanoic acid	116	C6H12O2	000142-62-1	64
3		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	53
4		Heptanoic acid	130	C7H14O2	000111-14-8	53
5		Pentanoic acid	102	C5H10O2	000109-52-4	42



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

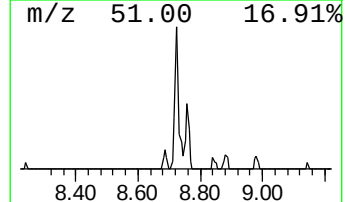
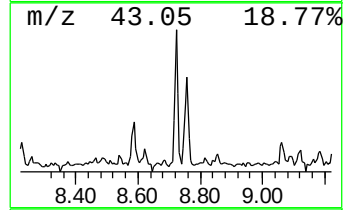
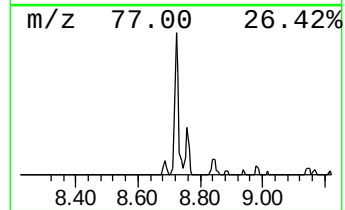
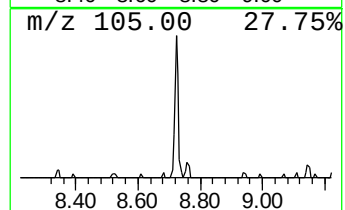
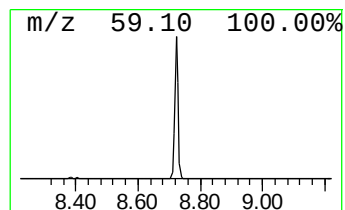
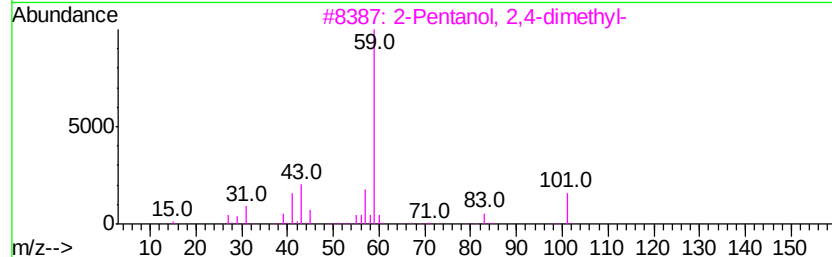
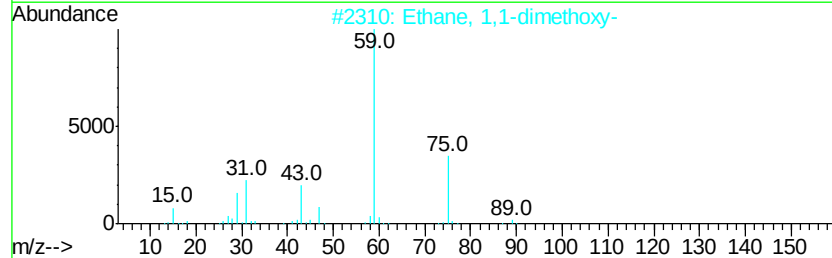
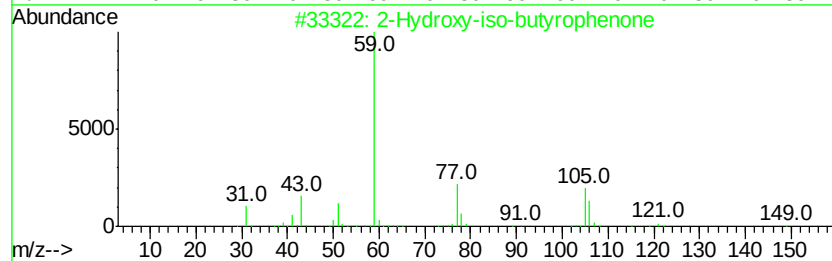
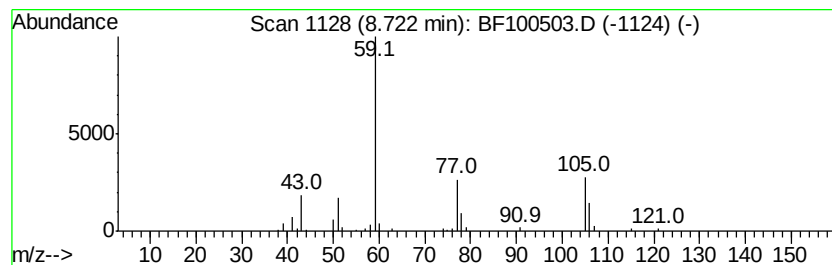
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Hydroxy-iso-butyrophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.72	2.98 ng	118743	Napthalene-d8	8.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2		Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	23
3		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
4		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9
5		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	7



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

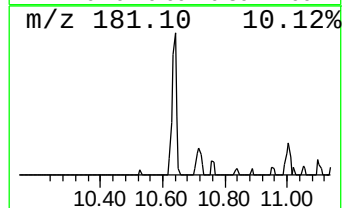
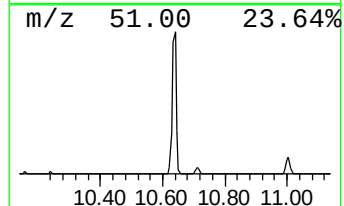
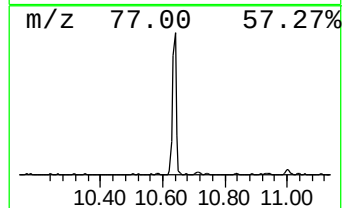
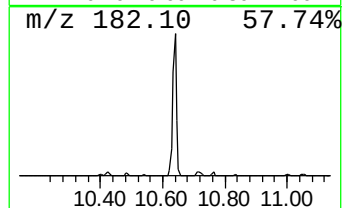
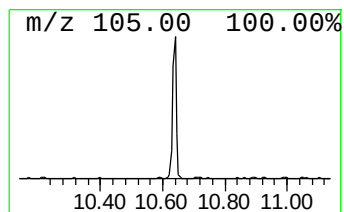
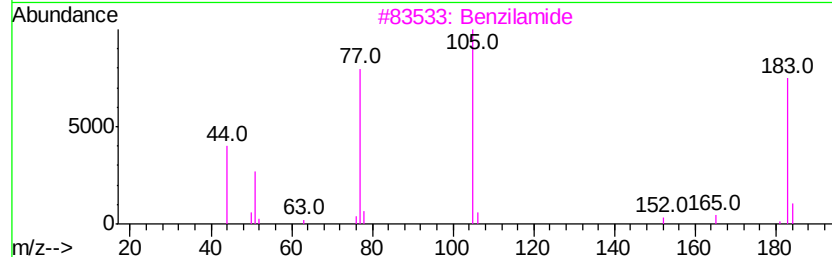
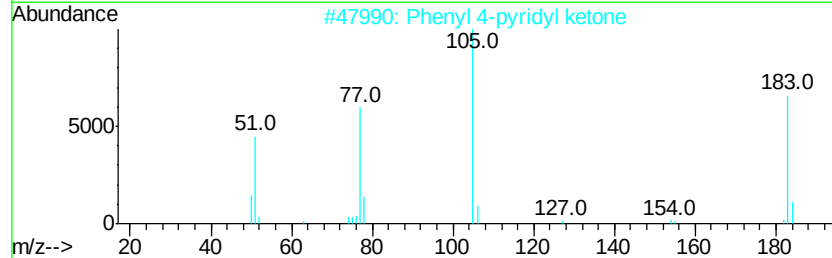
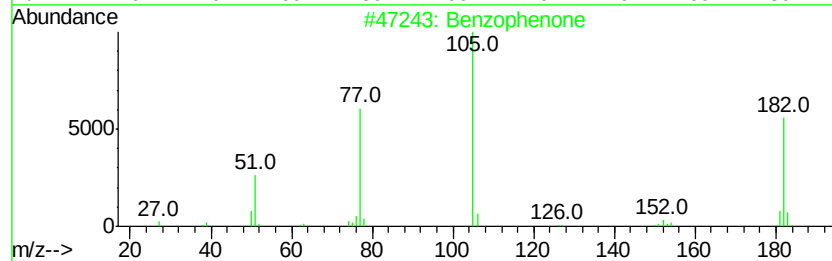
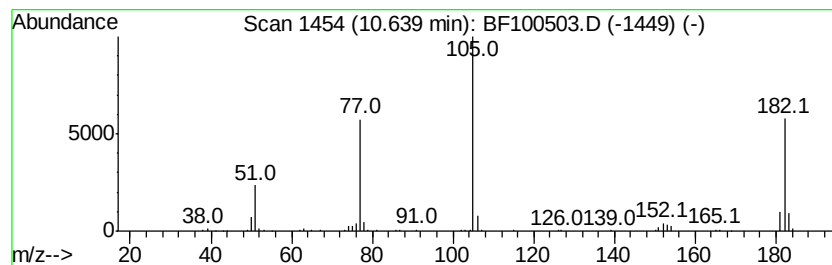
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	5.60 ng	201361	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzilamide	227	C14H13NO2	004746-87-6	43
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	38
5	Vinyl benzoate	148	C9H8O2	000769-78-8	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

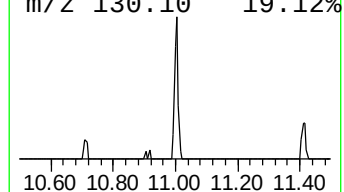
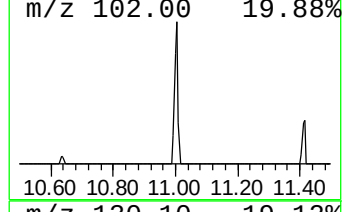
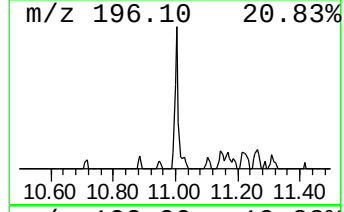
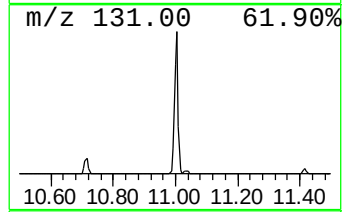
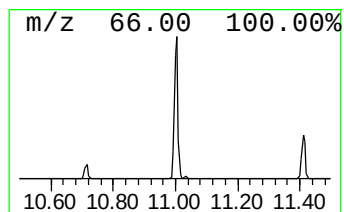
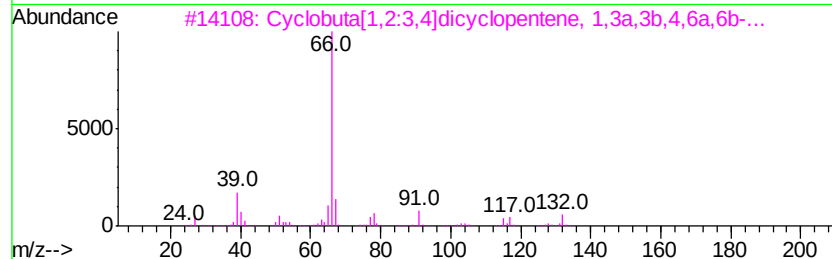
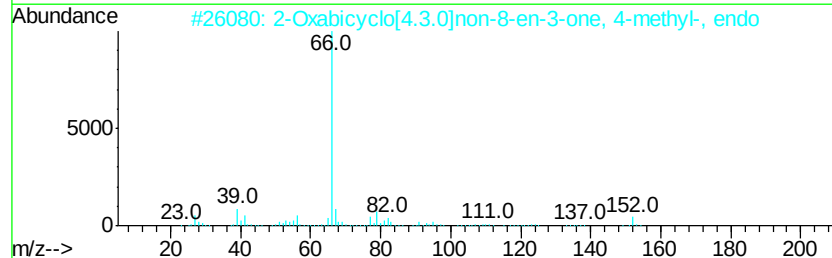
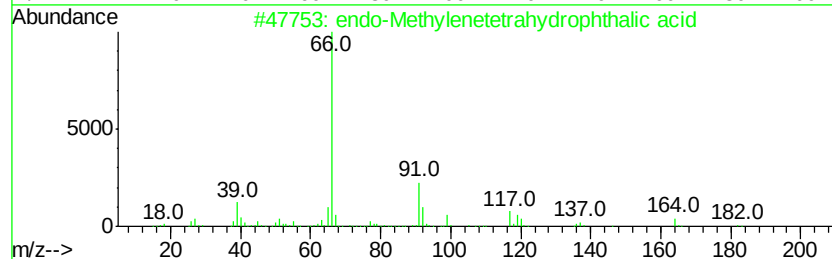
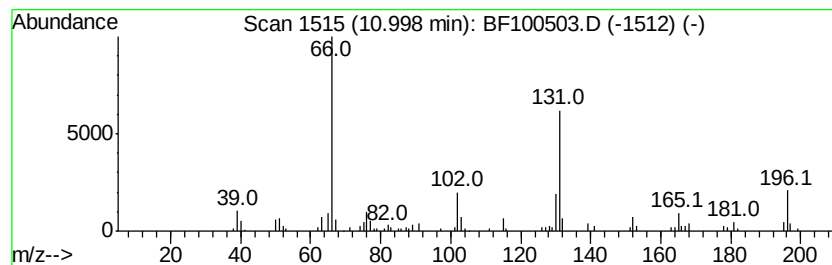
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 endo-Methylenetetrahydrophth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.00	3.67 ng	117898	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Methylenetetrahydrophthalic...	182	C9H10O4	003853-88-1	53
2	2-Oxabicyclo[4.3.0]non-8-en-3-on...	152	C9H12O2	1000153-22-2	53
3	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	53
4	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	53
5	Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	42



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

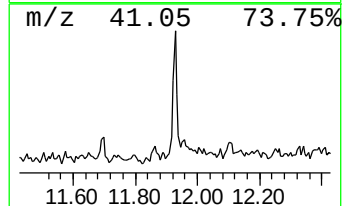
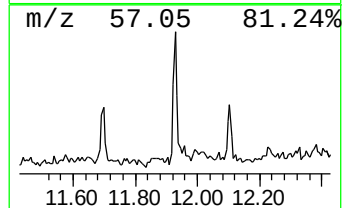
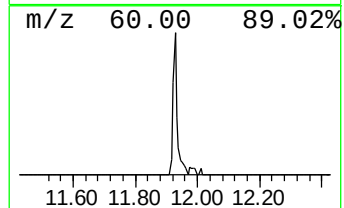
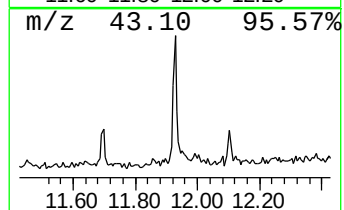
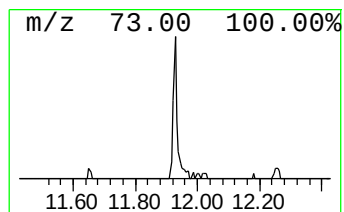
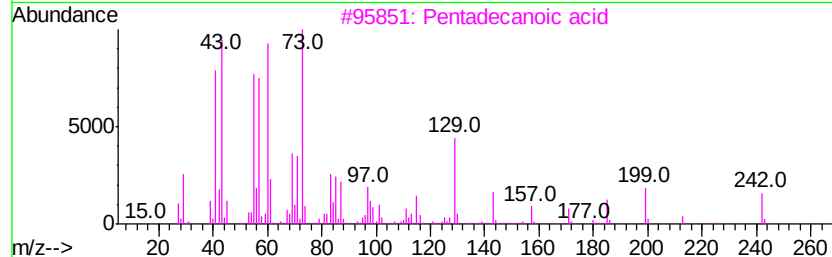
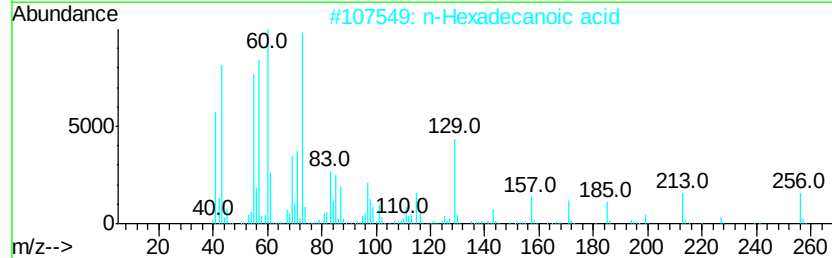
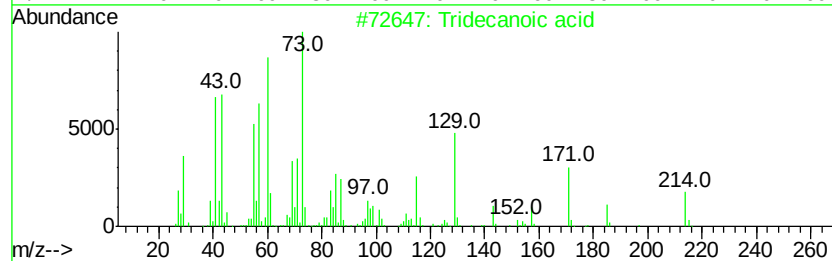
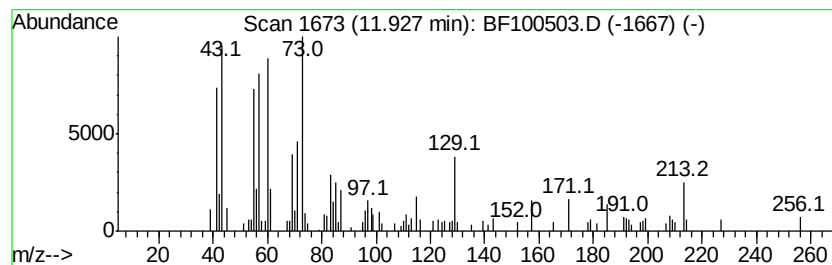
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	4.14 ng	132909	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

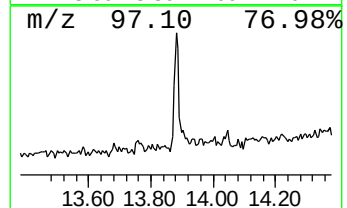
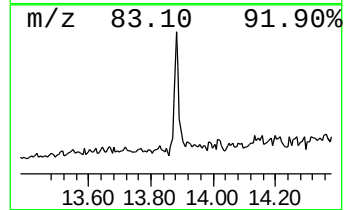
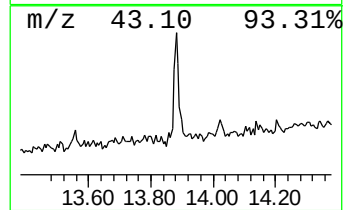
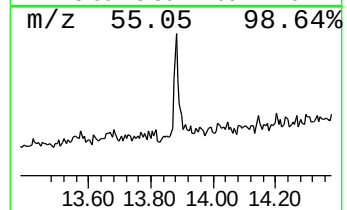
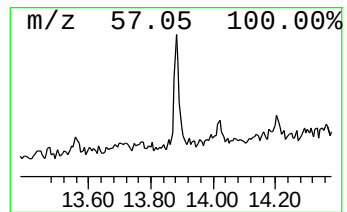
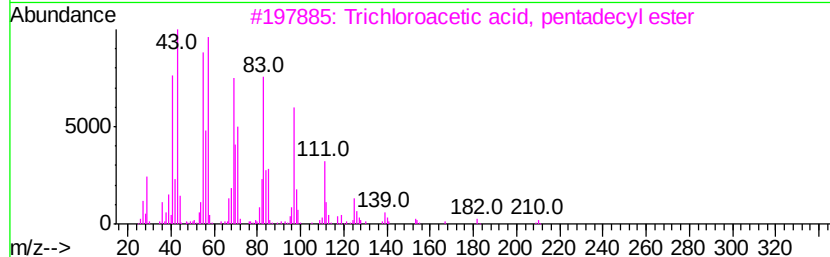
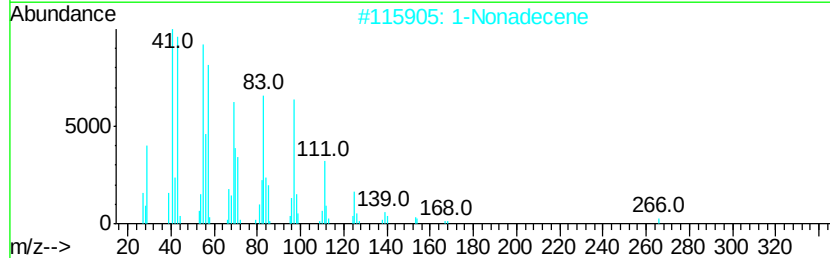
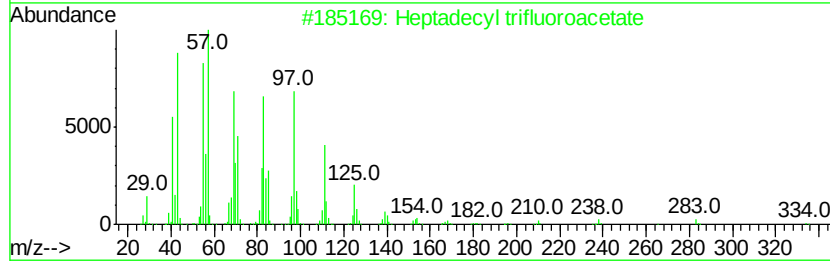
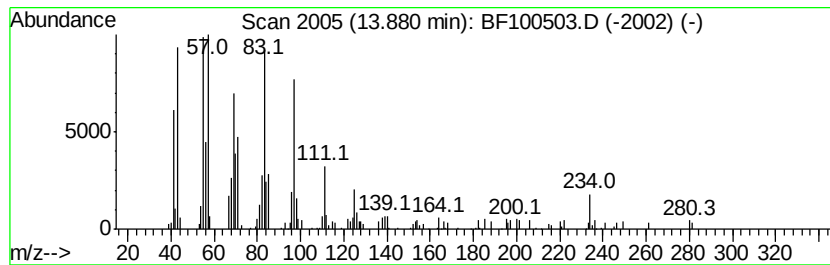
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.88	3.68 ng	100543	Chrysene-d12	14.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.12	13.3	ng	352389	1	6.89	530938	20.0
unknown6.66	6.66	70.5	ng	1870990	1	6.89	530938	20.0
1-Octanol	7.26	3.7	ng	98108	1	6.89	530938	20.0
Octanoic acid	7.90	3.3	ng	129898	2	8.17	795994	20.0
2-Hydroxy-iso-but...	8.72	3.0	ng	118743	2	8.17	795994	20.0
Benzophenone	10.64	5.6	ng	201361	3	9.93	718782	20.0
endo-Methylenetet...	11.00	3.7	ng	117898	4	11.42	642471	20.0
Tridecanoic acid	11.93	4.1	ng	132909	4	11.42	642471	20.0
Heptadecyl triflu...	13.88	3.7	ng	100543	5	14.05	546686	20.0