

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095436.D
 Acq On : 25 May 2017 22:00
 Operator : SJ/MA
 Sample : I3222-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-12

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-BF050217.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	5.107	535	539	556	rBV	106300	258416	9.31%	1.230%
2	5.713	638	642	683	rBV	1045421	2466957	88.84%	11.745%
3	7.289	906	910	926	rBV	1148016	2228147	80.24%	10.608%
4	7.413	926	931	948	rVB	1676015	2760709	99.41%	13.144%
5	7.748	983	988	1002	rVB	450148	586673	21.13%	2.793%
6	7.983	1023	1028	1047	rBV	1568167	1936101	69.72%	9.218%
7	8.648	1136	1141	1174	rBV	765615	1418393	51.08%	6.753%
8	9.766	1327	1331	1353	rBV	373835	762637	27.46%	3.631%
9	11.536	1627	1632	1655	rBV	1751269	2776968	100.00%	13.221%
10	12.248	1748	1753	1763	rBV	139920	249851	9.00%	1.190%
11	12.601	1808	1813	1825	rBV2	507409	845764	30.46%	4.027%
12	13.430	1951	1954	1960	rVB	41950	47839	1.72%	0.228%
13	13.901	2029	2034	2052	rBV	664387	1228167	44.23%	5.847%
14	14.206	2081	2086	2089	rBV	34647	43315	1.56%	0.206%
15	15.006	2218	2222	2241	rVV2	377173	647806	23.33%	3.084%
16	15.959	2380	2384	2394	rBV3	31061	60114	2.16%	0.286%
17	17.324	2611	2616	2627	rBV	1272151	1575795	56.75%	7.502%
18	18.565	2821	2827	2837	rBV2	42402	101991	3.67%	0.486%
19	18.683	2842	2847	2860	rBV	347338	537934	19.37%	2.561%
20	19.788	3032	3035	3039	rVB	44373	50350	1.81%	0.240%
21	20.359	3128	3132	3141	rBV	274690	419773	15.12%	1.999%

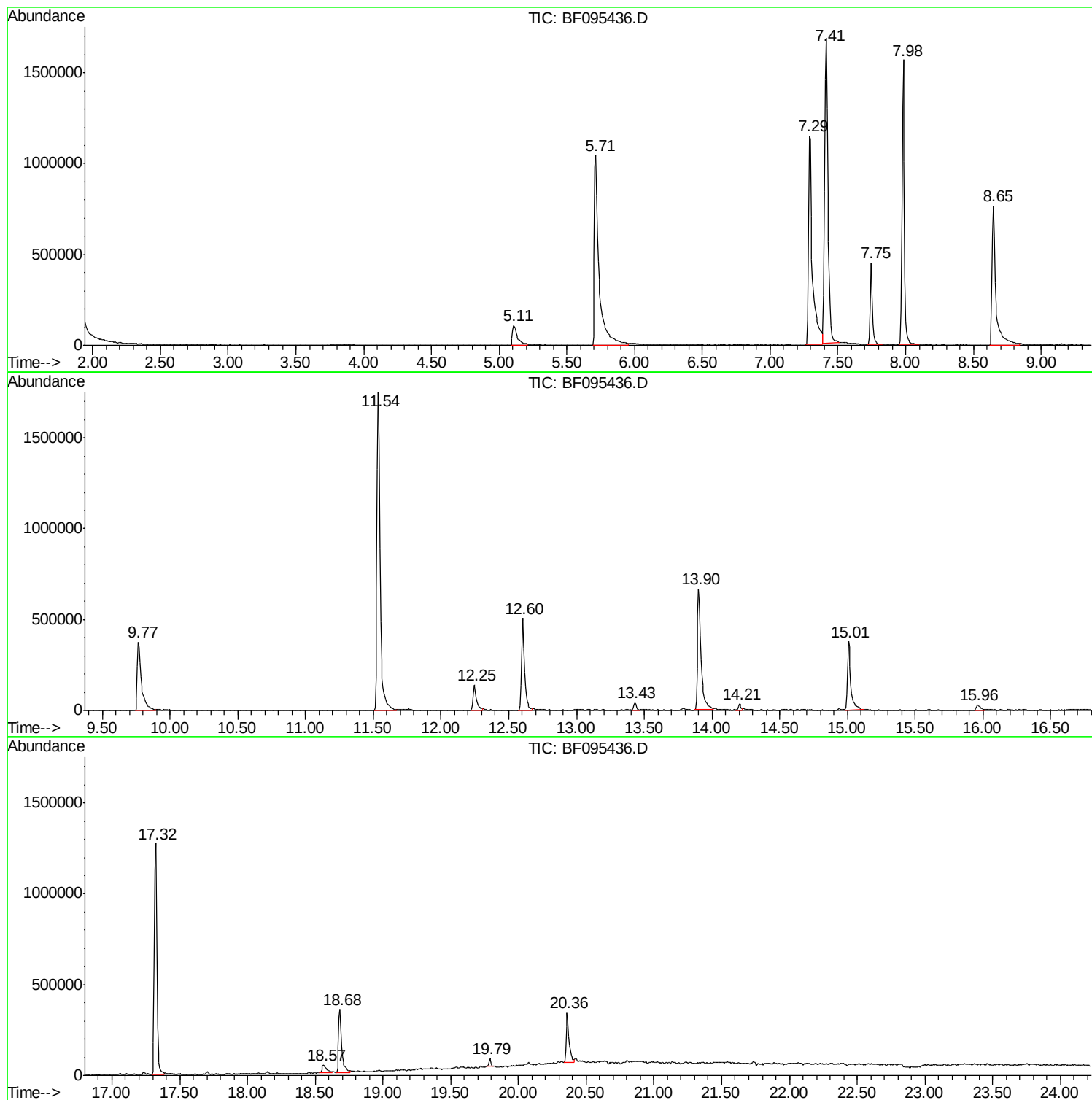
Sum of corrected areas: 21003700

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EX-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EX-12

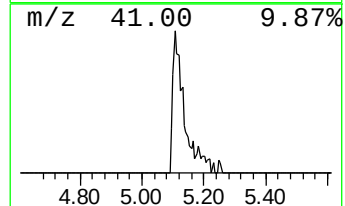
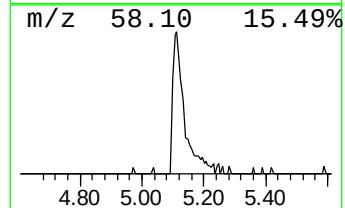
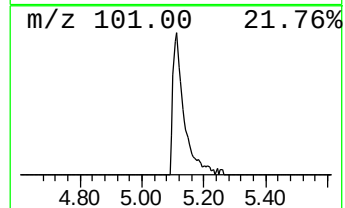
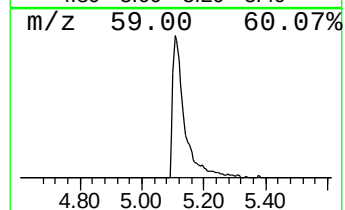
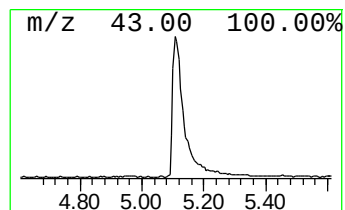
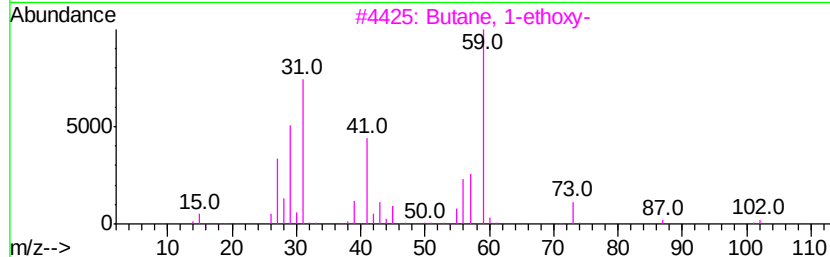
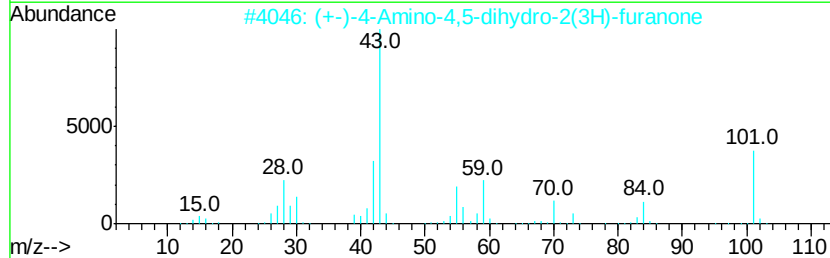
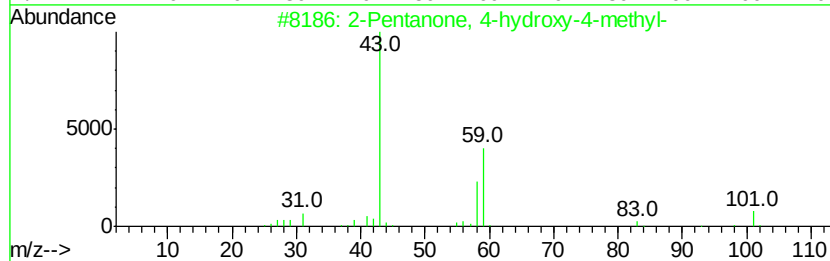
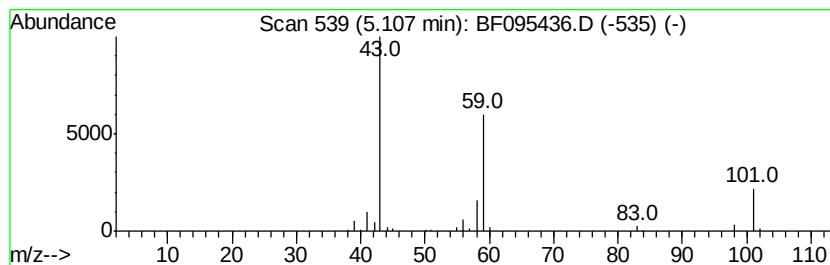
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	8.81 ng	258416	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EX-12

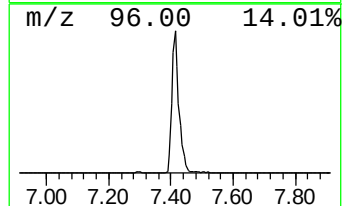
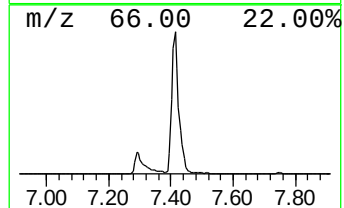
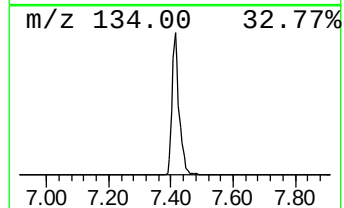
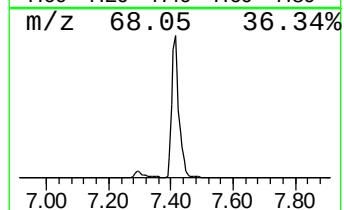
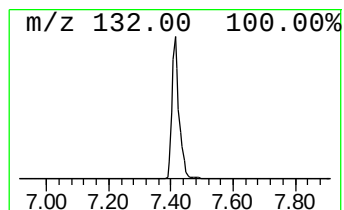
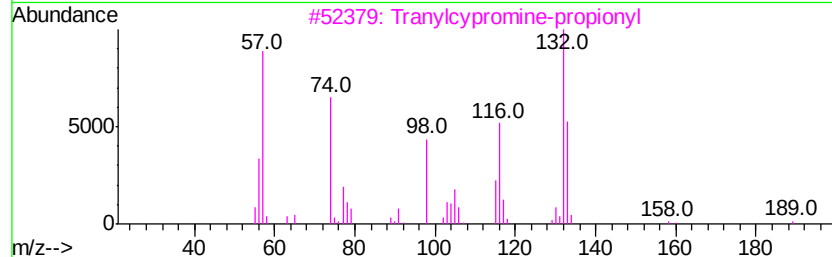
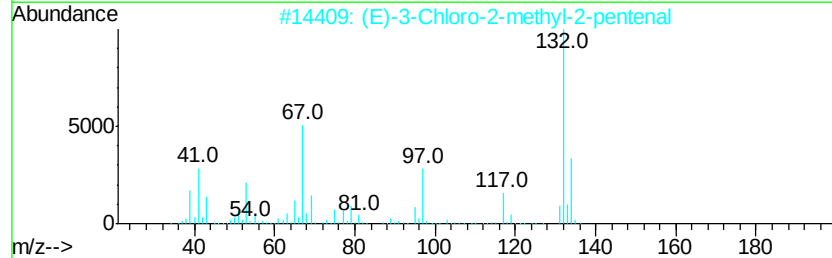
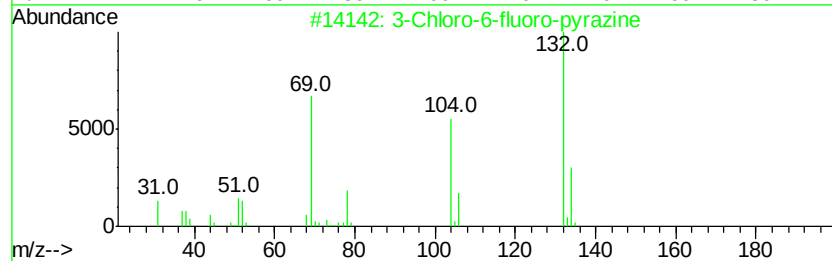
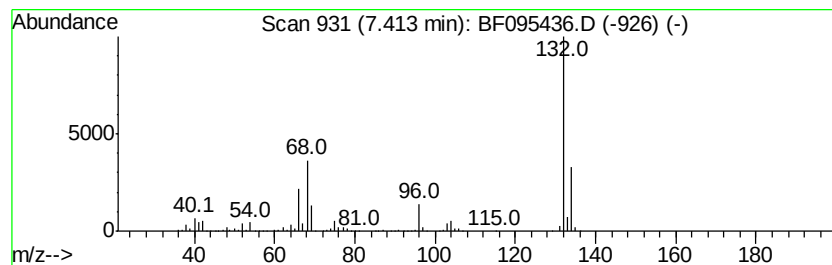
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	94.11 ng	2760710	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EX-12

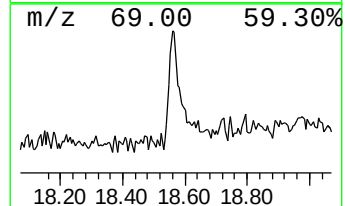
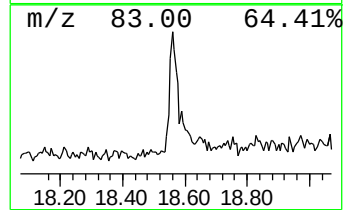
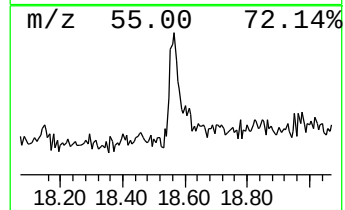
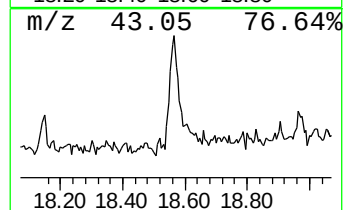
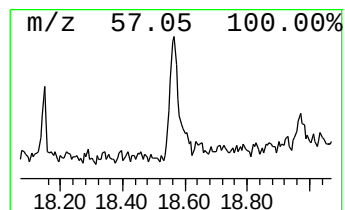
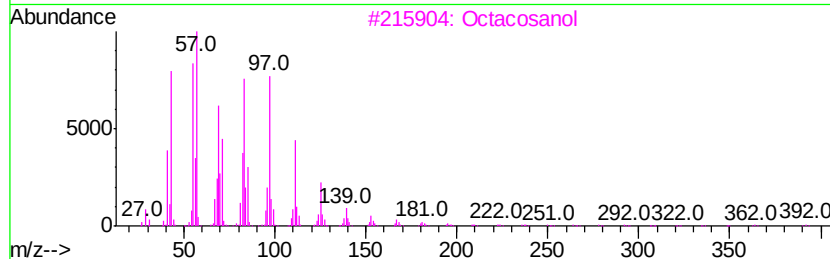
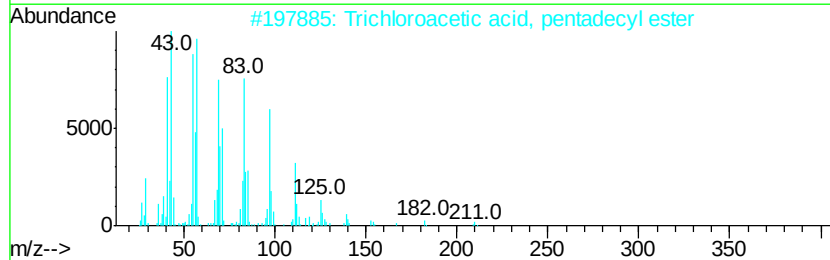
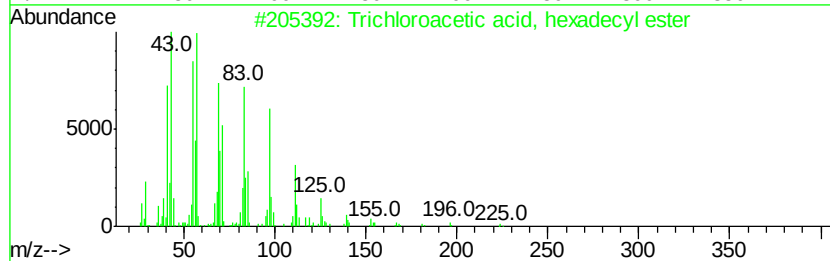
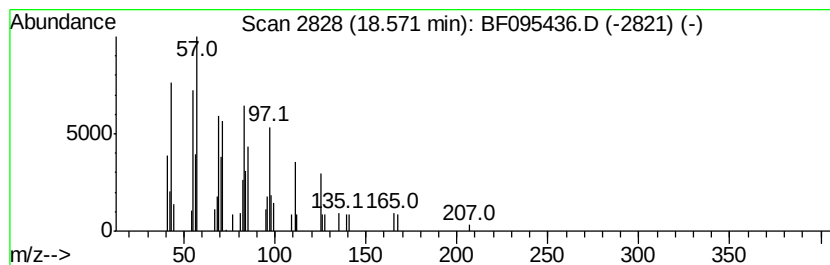
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.79 ng	101991	Chrysene-d12	18.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3		Octacosanol	410	C28H58O	000557-61-9	83
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	83
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EX-12

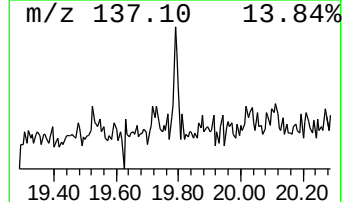
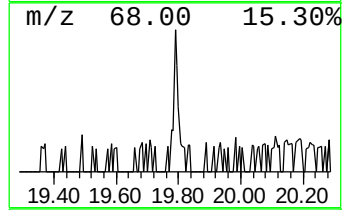
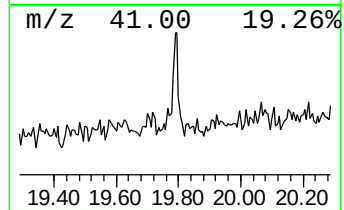
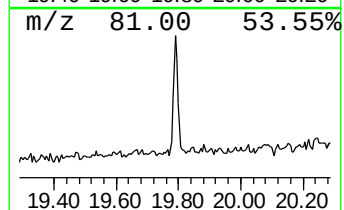
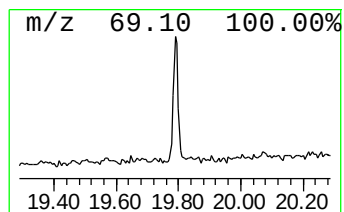
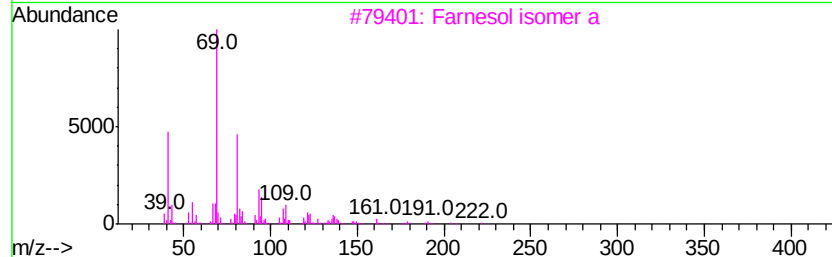
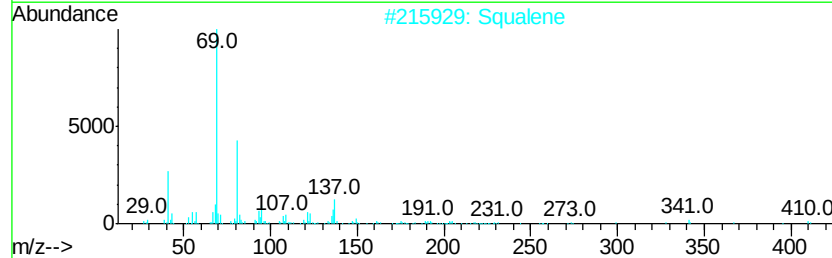
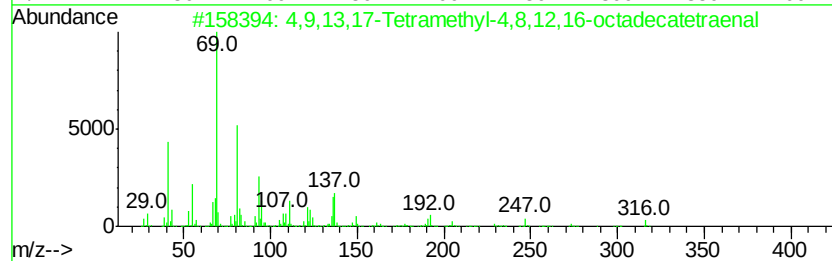
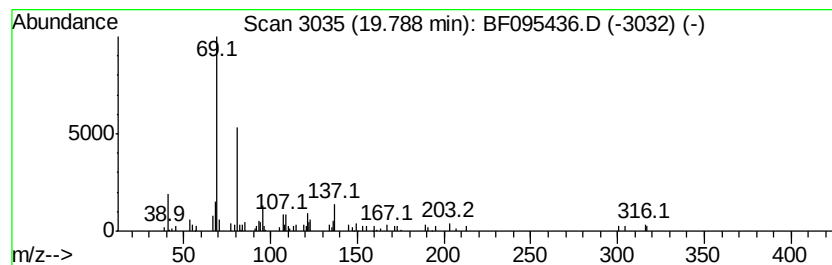
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4,9,13,17-Tetramethyl-4,8,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.40 ng	50350	Perylene-d12	20.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	90
2		Squalene	410	C30H50	000111-02-4	78
3		Farnesol isomer a	222	C15H26O	1000108-92-4	59
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	56
5		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052517\
Data File : BF095436.D
Acq On : 25 May 2017 22:00
Operator : SJ/MA
Sample : I3222-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EX-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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...	5.11	8.8	ng	258416	1	7.75	586673	20.0
unknown7.41	7.41	94.1	ng	2760710	1	7.75	586673	20.0
Trichloroacetic a...	18.57	3.8	ng	101991	5	18.68	537934	20.0
4,9,13,17-Tetrame...	19.79	2.4	ng	50350	6	20.36	419773	20.0