

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079199.D
 Acq On : 13 May 2015 16:41
 Operator : TP/IZ
 Sample : G2195-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-23-9.5

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-BF043015.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	1.381	15	17	25	rVB	373884	596406	9.30%	2.390%
2	1.507	25	28	35	rVB	107362	235932	3.68%	0.946%
3	1.701	41	45	54	rVV2	279072	610182	9.51%	2.445%
4	1.816	54	55	96	rVB	2424449	6416224	100.00%	25.715%
5	5.530	377	380	382	rBV	1106247	1275084	19.87%	5.110%
6	6.799	489	491	493	rBV	1580921	1414750	22.05%	5.670%
7	6.947	501	504	506	rBV	1295421	1481801	23.09%	5.939%
8	7.233	526	529	531	rBV	341177	319029	4.97%	1.279%
9	7.416	543	545	548	rBV	1229229	1106210	17.24%	4.433%
10	7.919	587	589	592	rBV	733984	832179	12.97%	3.335%
11	8.810	664	667	669	rBV	419752	402974	6.28%	1.615%
12	10.159	782	785	787	rBV	1472967	1682381	26.22%	6.743%
13	10.982	855	857	860	rVB	500649	459308	7.16%	1.841%
14	11.325	884	887	889	rBV	146861	237745	3.71%	0.953%
15	11.965	940	943	945	rBV	913515	1128878	17.59%	4.524%
16	12.822	1015	1018	1020	rBV	518316	504505	7.86%	2.022%
17	13.462	1071	1074	1077	rBV3	25583	64525	1.01%	0.259%
18	13.554	1079	1082	1086	rBV2	87179	203834	3.18%	0.817%
19	14.342	1149	1151	1155	rVB	68930	109864	1.71%	0.440%
20	14.823	1190	1193	1195	rBV	1968802	1952654	30.43%	7.826%
21	16.000	1293	1296	1300	rBV2	183759	326956	5.10%	1.310%
22	16.114	1303	1306	1308	rVV	458161	610120	9.51%	2.445%
23	16.160	1308	1310	1313	rVB2	53291	96584	1.51%	0.387%
24	16.823	1366	1368	1373	rBV	103575	176847	2.76%	0.709%
25	17.623	1436	1438	1444	rBV2	71929	164116	2.56%	0.658%
26	17.886	1459	1461	1464	rBV	466733	575803	8.97%	2.308%
27	18.457	1509	1511	1513	rBV	45333	71377	1.11%	0.286%
28	18.503	1513	1515	1519	rVV	37592	78237	1.22%	0.314%
29	19.509	1599	1603	1610	rBV2	492557	1179441	18.38%	4.727%
30	19.932	1636	1640	1646	rBV3	127978	424181	6.61%	1.700%
31	20.263	1663	1669	1675	rBV6	56455	213244	3.32%	0.855%

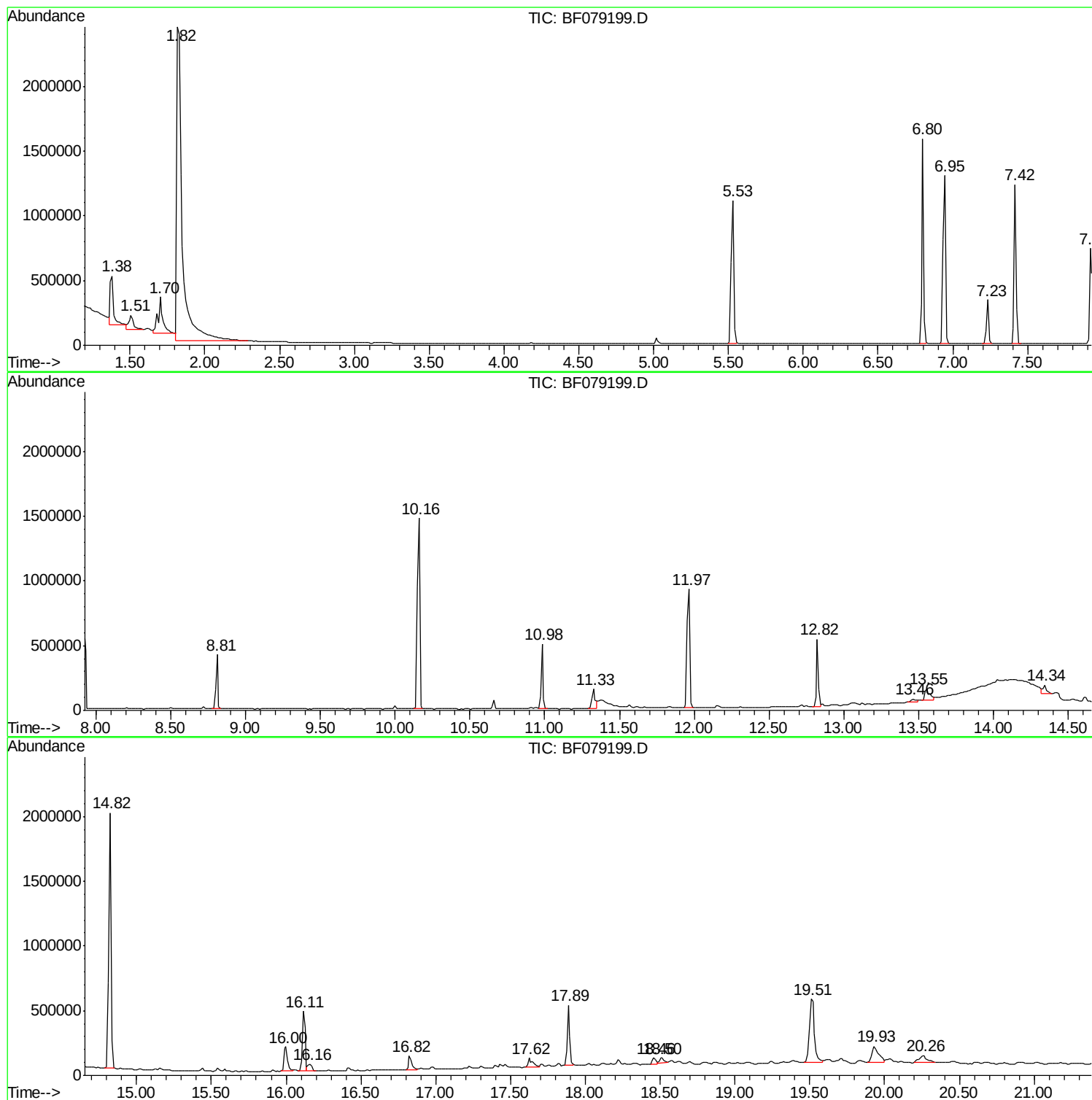
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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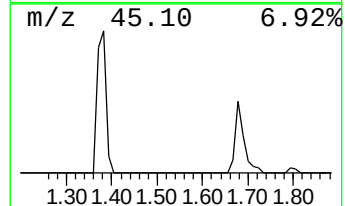
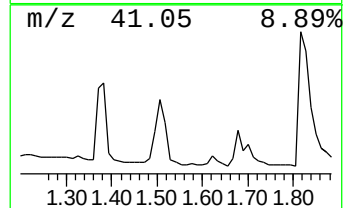
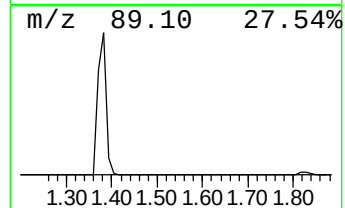
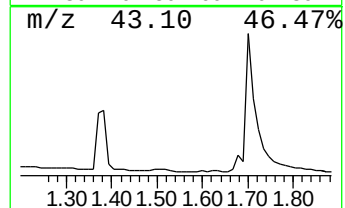
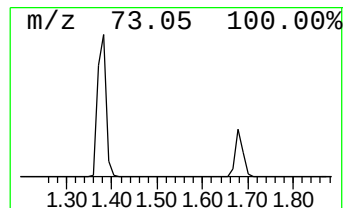
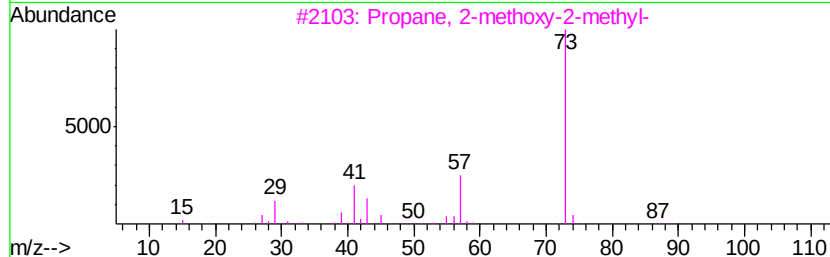
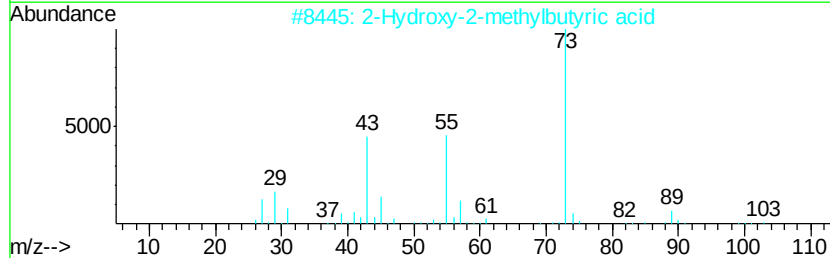
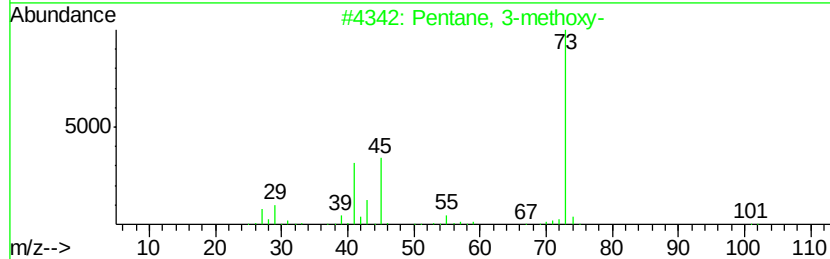
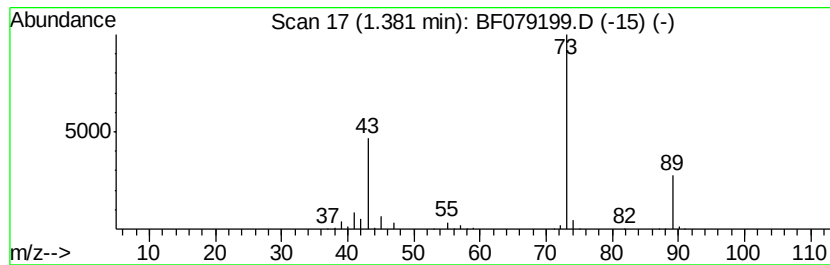
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.38	37.39 ng	596406	1,4-Dichlorobenzene-d4	7.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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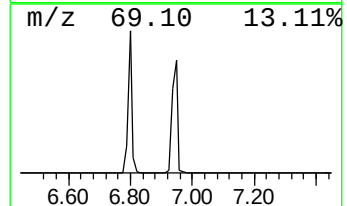
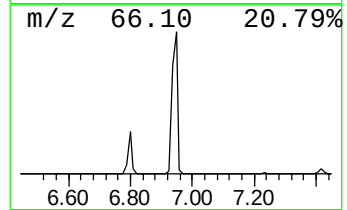
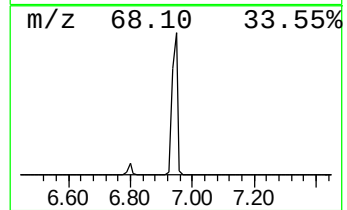
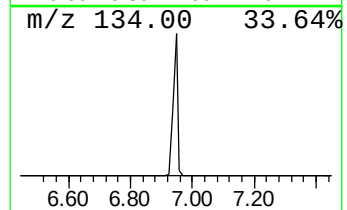
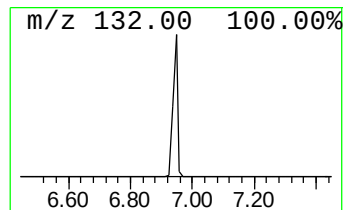
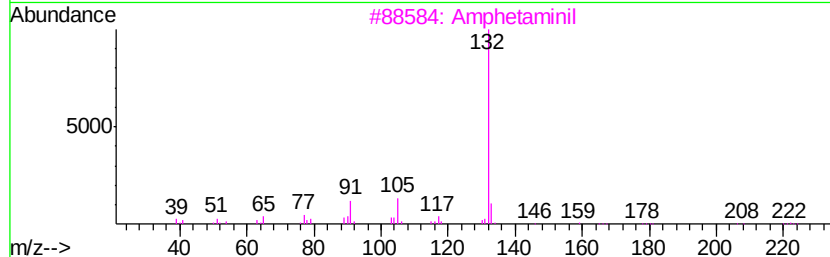
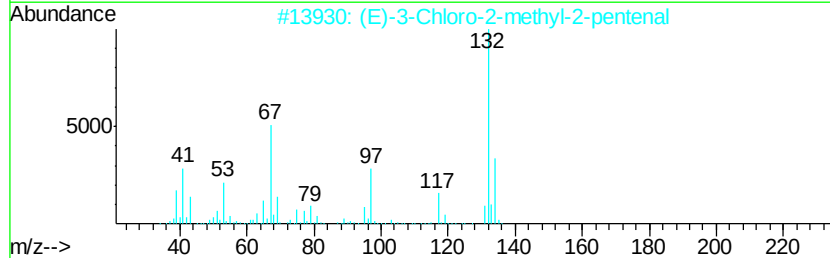
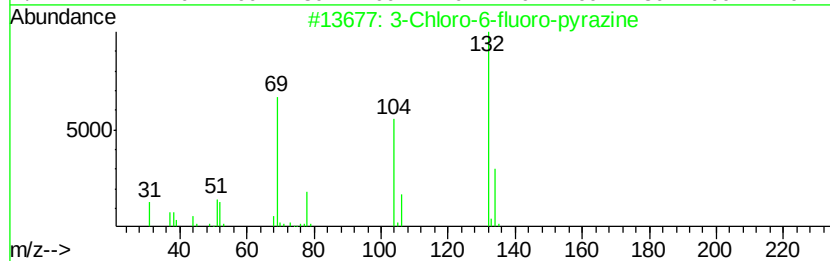
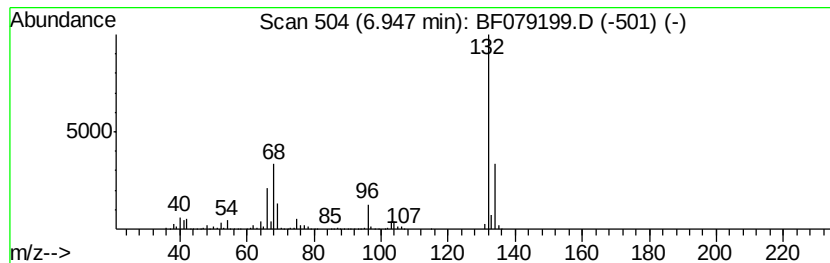
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Peak Number 5 unknown6.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	92.89 ng	1481800	1,4-Dichlorobenzene-d4	7.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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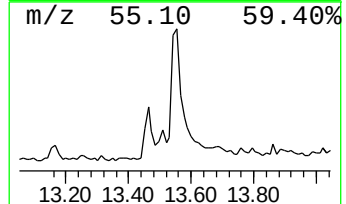
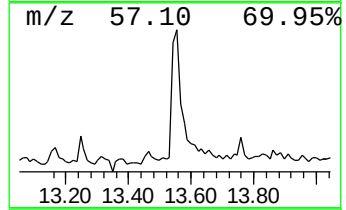
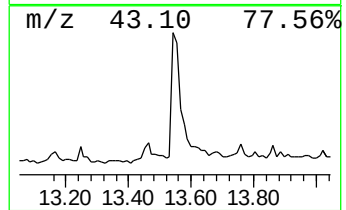
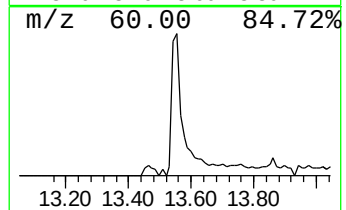
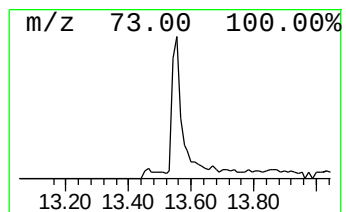
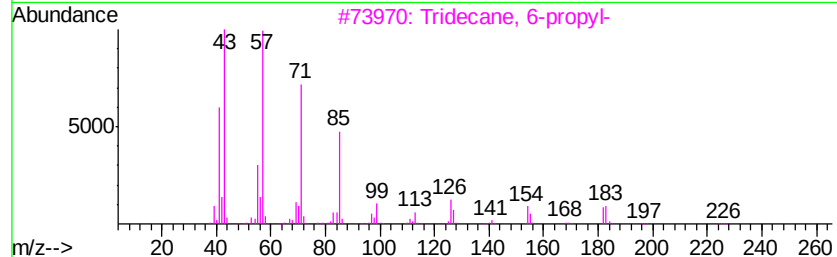
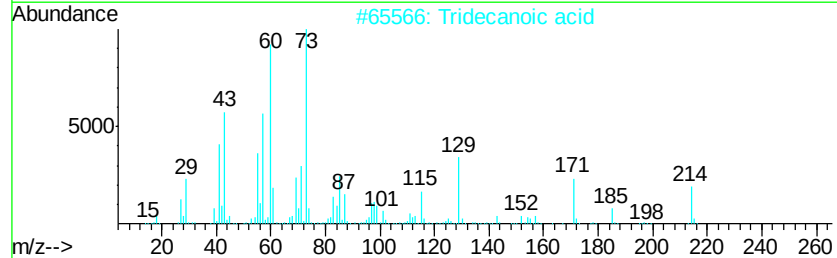
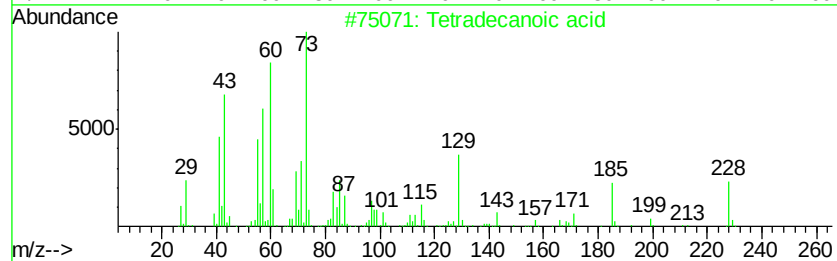
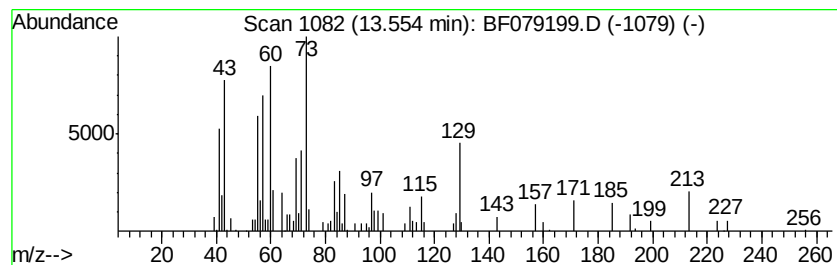
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Peak Number 9 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.08 ng	203834	Phenanthrene-d10	12.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2		Tridecanoic acid	214	C13H26O2	000638-53-9	64
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	15
4		Tridecane	184	C13H28	000629-50-5	11
5		Dodecane	170	C12H26	000112-40-3	11



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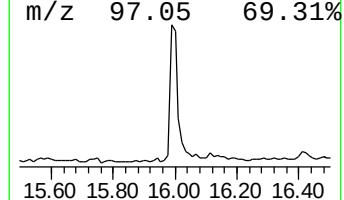
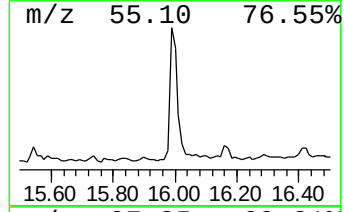
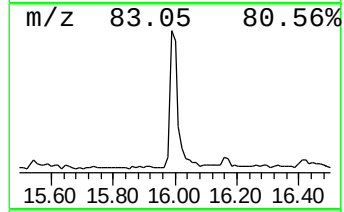
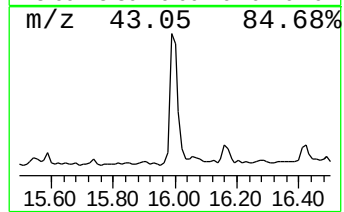
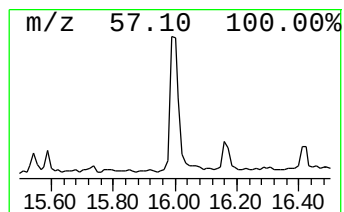
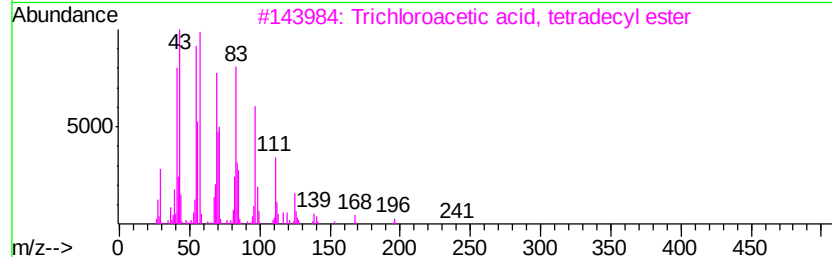
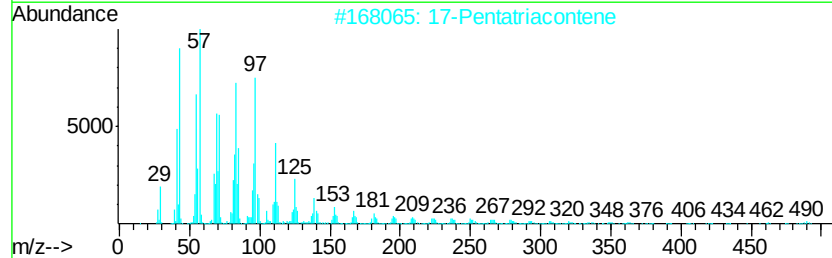
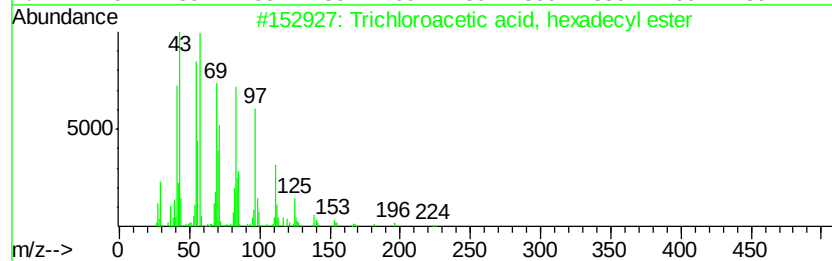
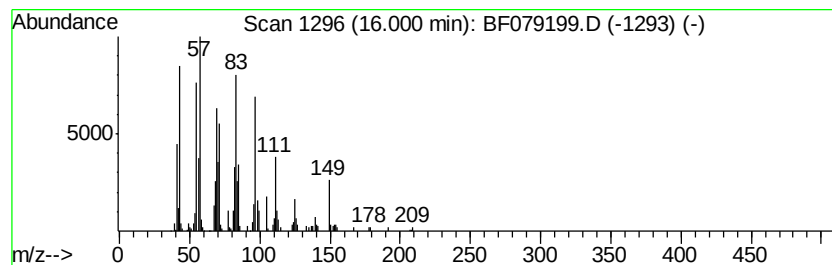
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Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	10.72 ng	326956	Chrysene-d12	16.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4		1-Docosene	308	C22H44	001599-67-3	83
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	83



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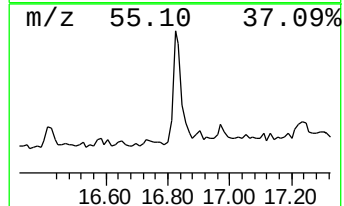
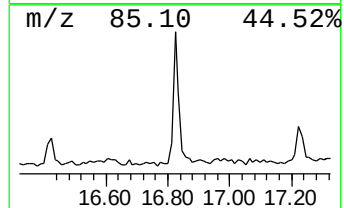
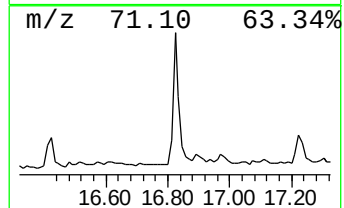
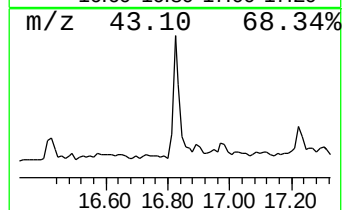
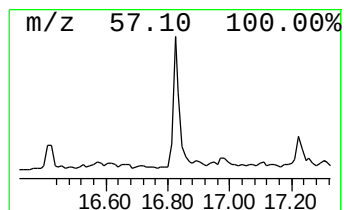
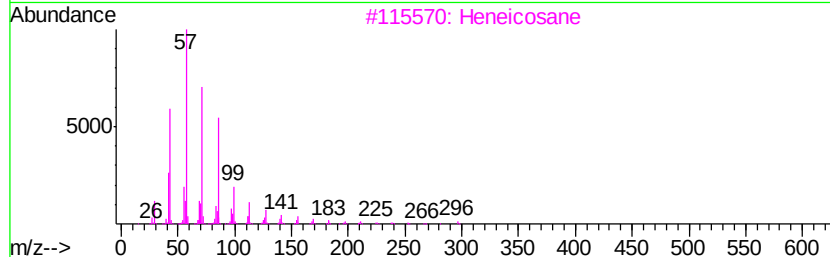
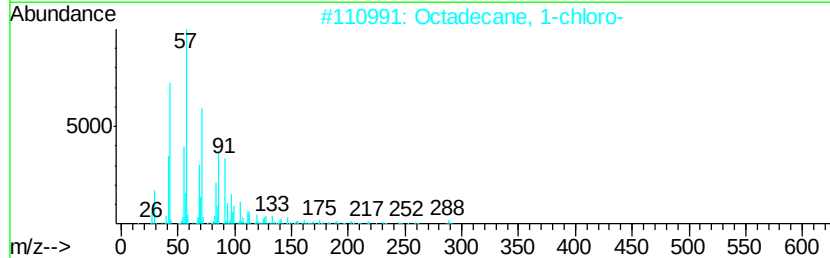
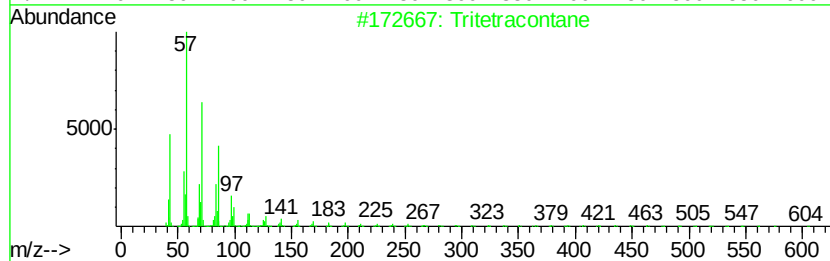
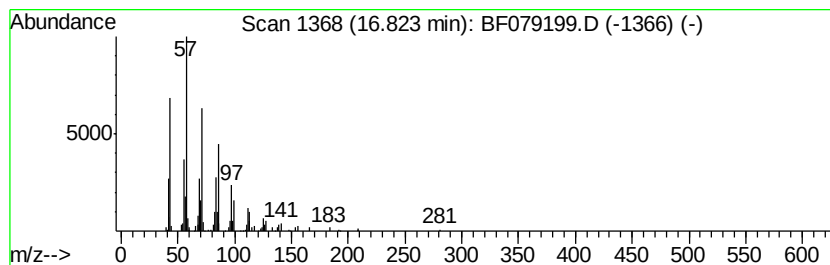
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 12 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.80 ng	176847	Chrysene-d12	16.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	87
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3			Heneicosane	296	C21H44	000629-94-7	68
4			Hexadecane	226	C16H34	000544-76-3	62
5			Octadecane	254	C18H38	000593-45-3	62



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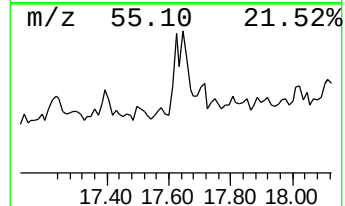
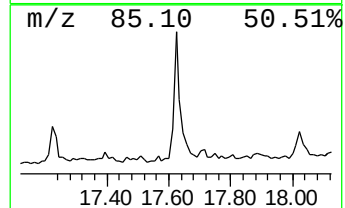
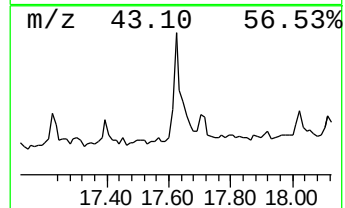
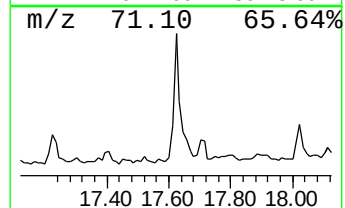
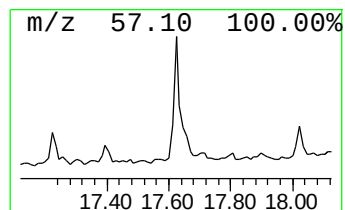
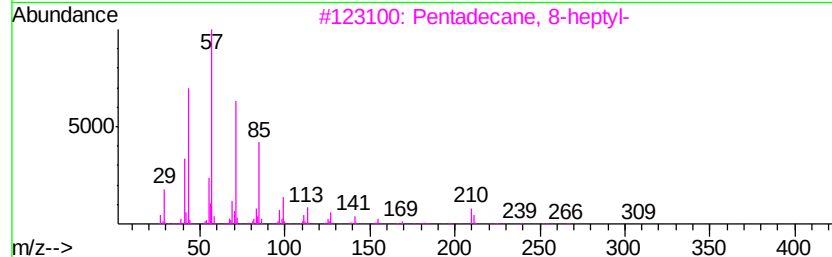
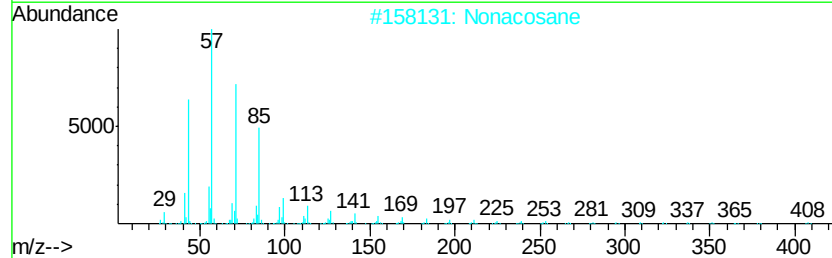
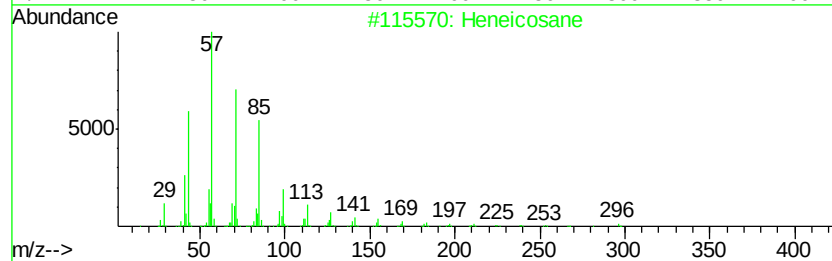
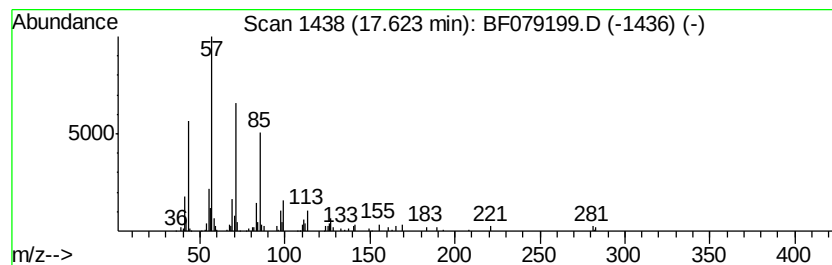
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ClientSampleId :
TU012-SB-23-9.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.62	5.70 ng	164116	Perylene-d12	17.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079199.D
Acq On : 13 May 2015 16:41
Operator : TP/IZ
Sample : G2195-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-23-9.5

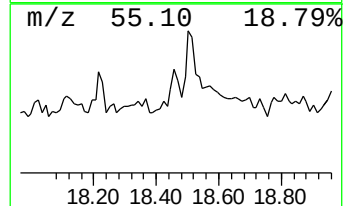
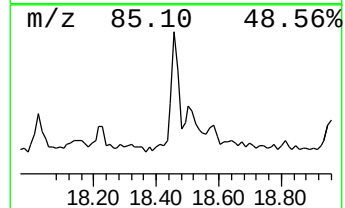
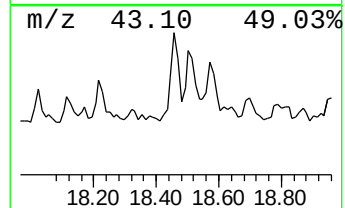
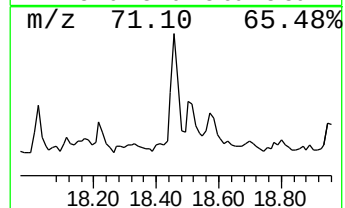
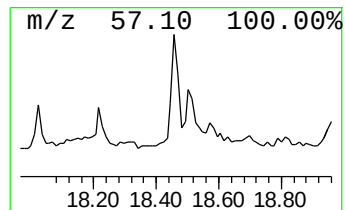
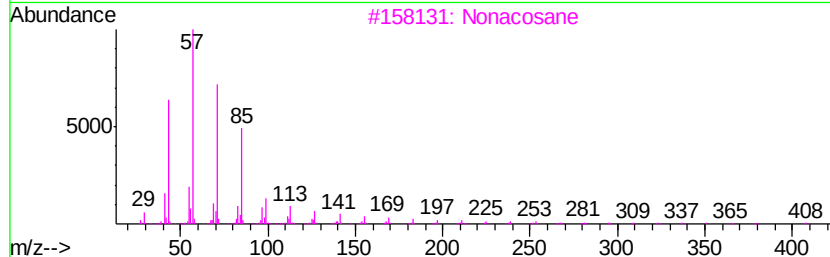
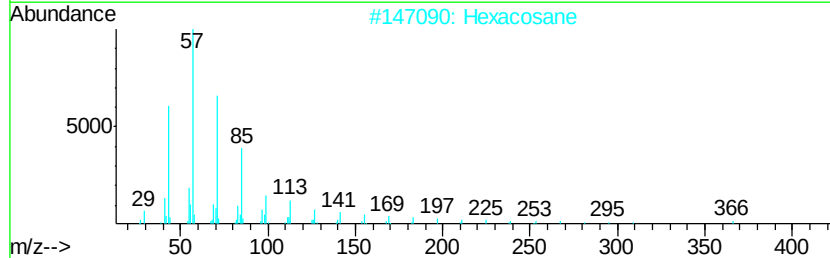
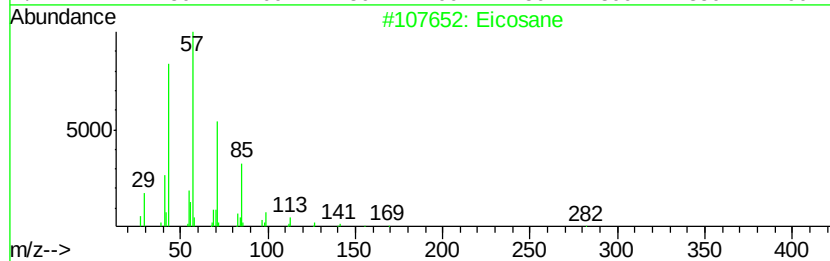
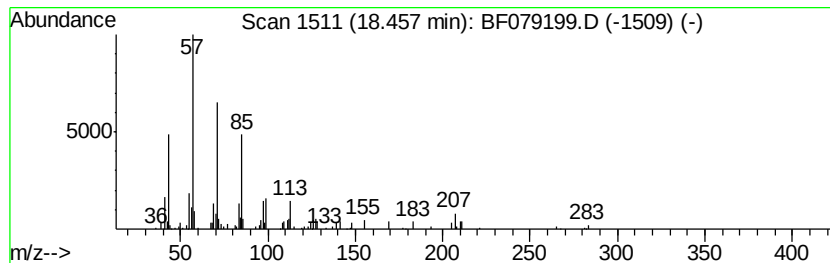
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.48 ng	71377	Perylene-d12	17.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	87
3		Nonacosane	408	C29H60	000630-03-5	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Acq On : 13 May 2015 16:41
Operator : TP/IZ
Sample : G2195-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

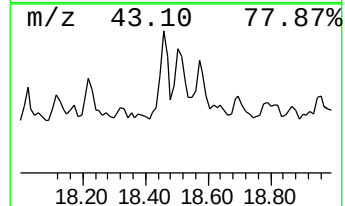
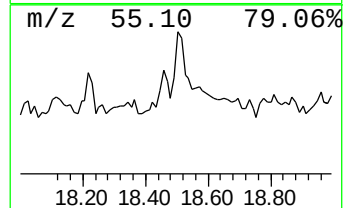
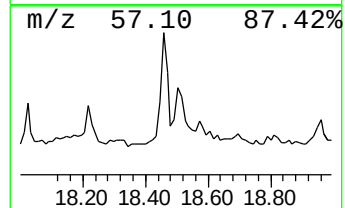
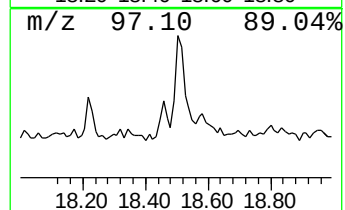
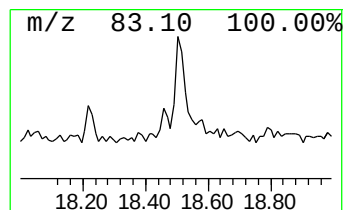
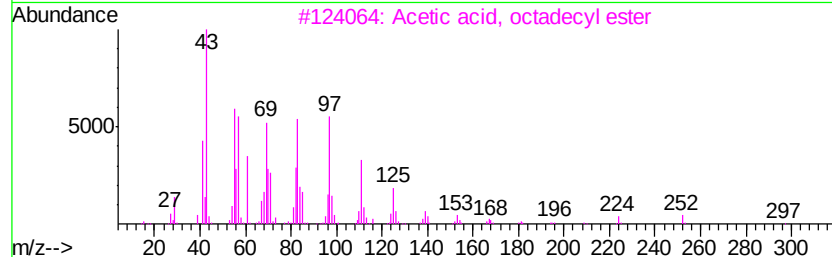
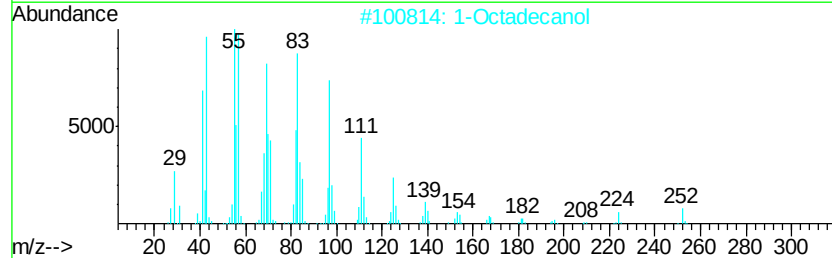
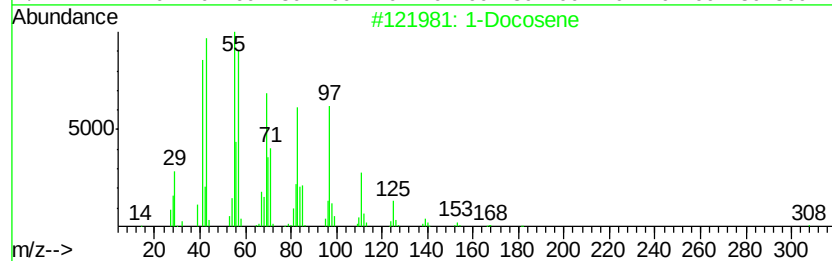
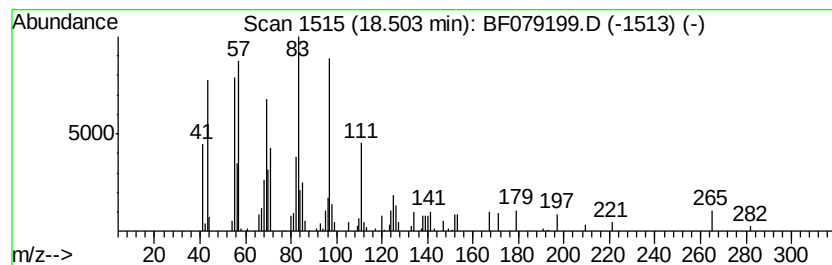
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Docosene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.72 ng	78237	Perylene-d12	17.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	64
2	1-Octadecanol	270 C18H38O	000112-92-5	60
3	Acetic acid, octadecyl ester	312 C20H40O2	000822-23-1	53
4	1-Nonadecene	266 C19H38	018435-45-5	52
5	1-Eicosanol	298 C20H42O	000629-96-9	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079199.D
Acq On : 13 May 2015 16:41
Operator : TP/IZ
Sample : G2195-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU012-SB-23-9.5

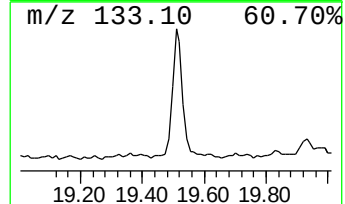
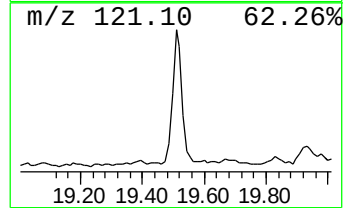
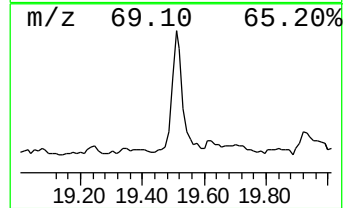
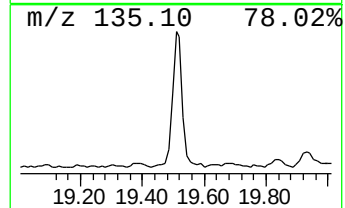
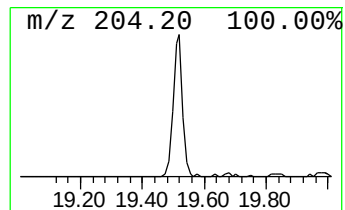
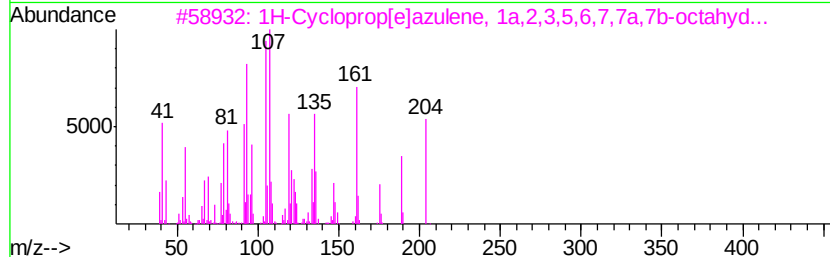
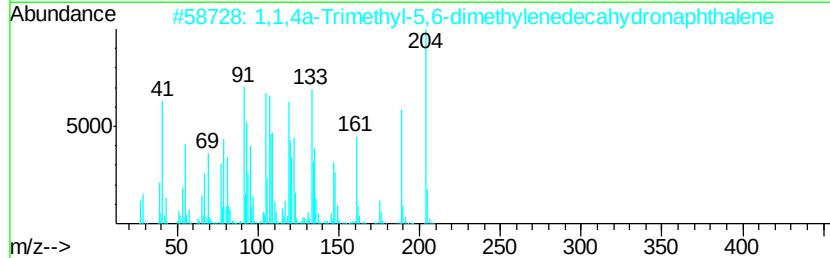
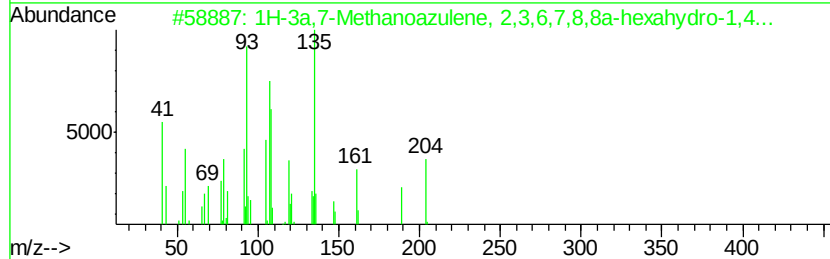
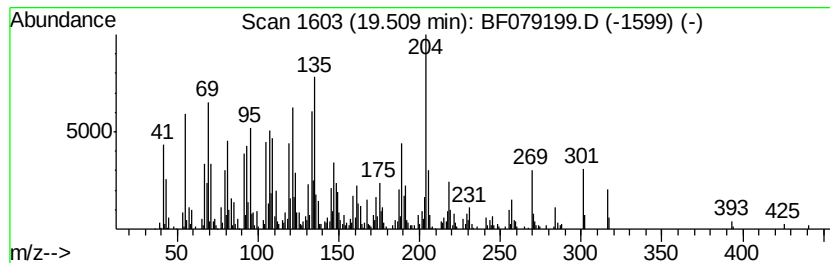
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	40.97 ng	1179440	Perylene-d12	17.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	53
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	53
3		1H-Cycloprop[elazulene, 1a,2,3,5...	204	C15H24	021747-46-6	50
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	49
5		1-Naphthalenecarboxylic acid, de...	316	C21H3202	001235-39-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079199.D
Acq On : 13 May 2015 16:41
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Sample : G2195-02
Misc :
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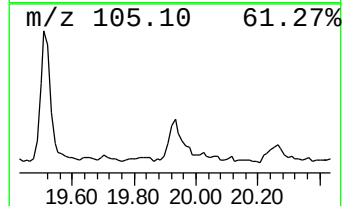
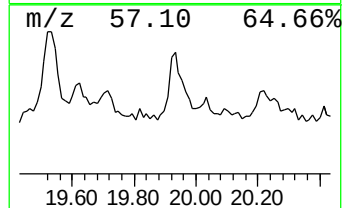
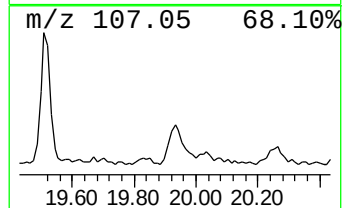
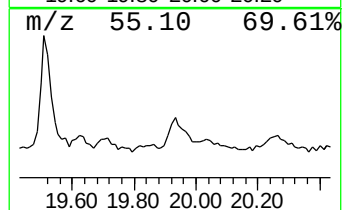
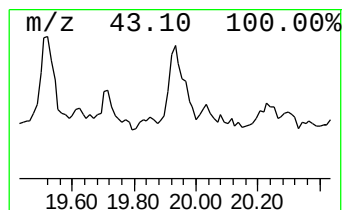
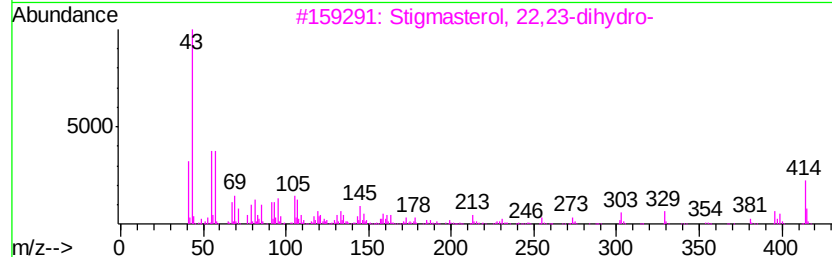
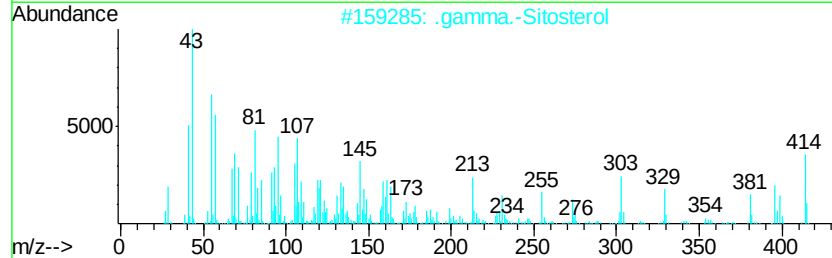
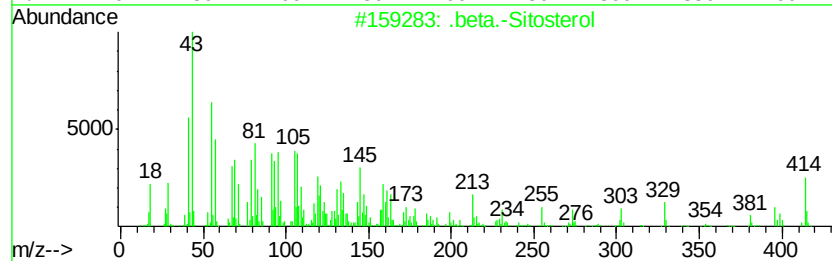
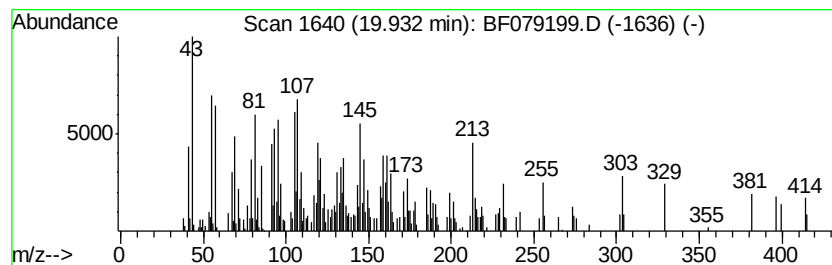
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.93	14.73 ng	424181	Perylene-d12	17.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	52
4	5.alpha.Androst-16-ol, 17-ethyl...	414	C27H42O3	1000124-58-6	27
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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Misc :
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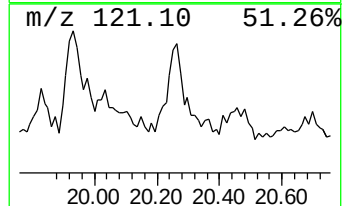
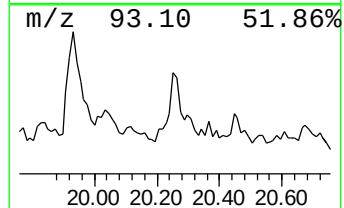
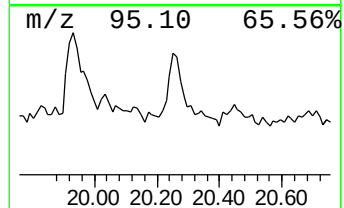
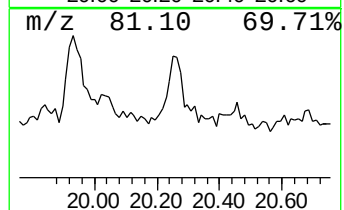
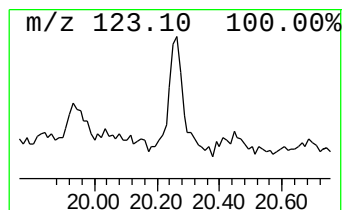
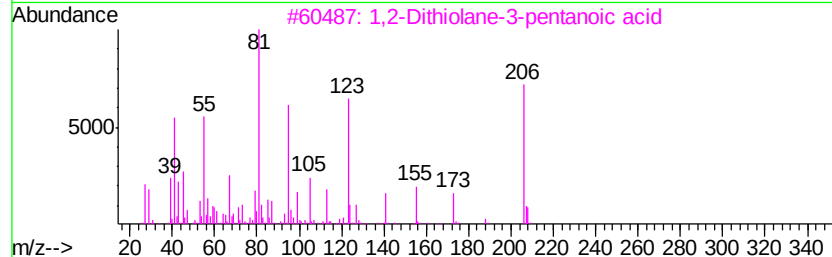
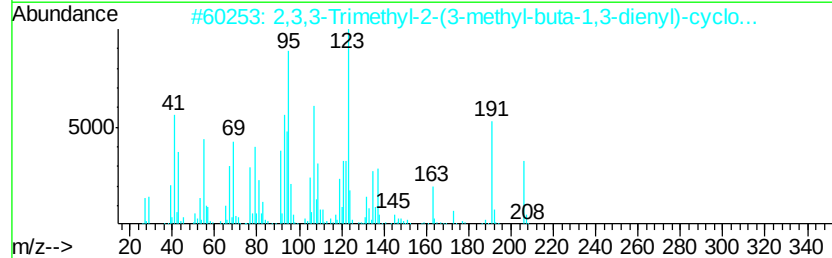
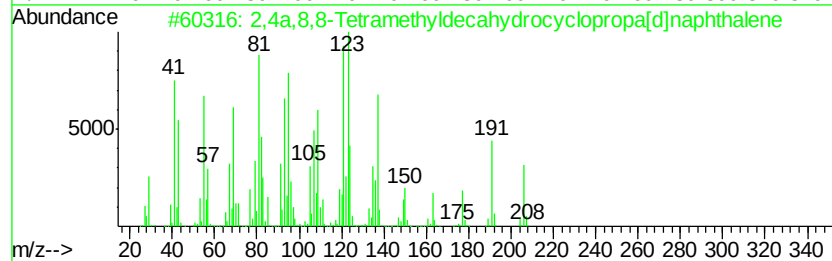
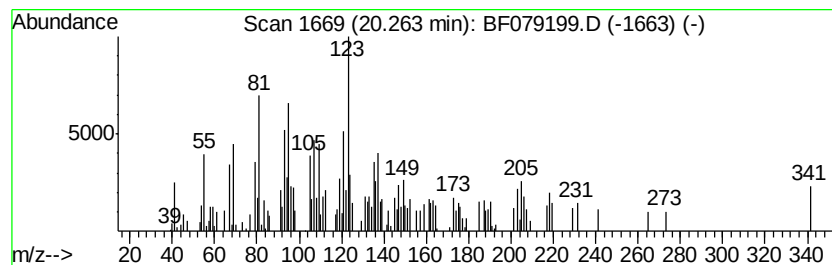
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.26	7.41 ng	213244	Perylene-d12	17.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	91
2	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
3	1,2-Dithiolane-3-pentanoic acid	206	C8H14O2S2	000062-46-4	38
4	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	38
5	Cyclopropa[d]naphthalen-3-one, o...	235	C15H25NO	024703-24-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
Data File : BF079199.D
Acq On : 13 May 2015 16:41
Operator : TP/IZ
Sample : G2195-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU012-SB-23-9.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
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unknown6.95	6.95	92.9	ng	1481800	1	7.23	319029	20.0
Tetradecanoic acid	13.55	8.1	ng	203834	4	12.82	504505	20.0
Trichloroacetic a...	16.00	10.7	ng	326956	5	16.11	610120	20.0
Tritetracontane	16.82	5.8	ng	176847	5	16.11	610120	20.0
Heneicosane	17.62	5.7	ng	164116	6	17.89	575803	20.0
Eicosane	18.46	2.5	ng	71377	6	17.89	575803	20.0
1-Docosene	18.50	2.7	ng	78237	6	17.89	575803	20.0
1H-3a,7-Methanoaz...	19.51	41.0	ng	1179440	6	17.89	575803	20.0
.beta.-Sitosterol	19.93	14.7	ng	424181	6	17.89	575803	20.0
2,4a,8,8-Tetramet...	20.26	7.4	ng	213244	6	17.89	575803	20.0