

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081027.D
 Acq On : 18 Aug 2015 3:45
 Operator : UM/IZ
 Sample : G3289-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

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-BF081715.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.753	239	242	249	rBV	669910	984414	59.04%	4.805%
2	5.199	278	281	284	rBV	1353689	1385384	83.09%	6.763%
3	6.273	372	375	377	rVB	1579709	1667355	100.00%	8.139%
4	6.387	383	385	388	rBV	1284388	1353509	81.18%	6.607%
5	6.627	404	406	408	rBV	419675	358347	21.49%	1.749%
6	6.787	417	420	422	rVB	803050	1038775	62.30%	5.071%
7	7.199	453	456	458	rBV	880439	1035945	62.13%	5.057%
8	7.667	491	497	500	rBV	73560	152339	9.14%	0.744%
9	7.907	516	518	520	rBV	390159	423040	25.37%	2.065%
10	8.867	600	602	605	rVB	17317	18349	1.10%	0.090%
11	8.993	610	613	615	rBV	1839690	1594018	95.60%	7.781%
12	9.325	638	642	644	rBV	132894	121305	7.28%	0.592%
13	9.393	644	648	650	rVV	265147	300784	18.04%	1.468%
14	9.576	662	664	668	rBV3	21645	39465	2.37%	0.193%
15	9.656	669	671	673	rVV	513805	478339	28.69%	2.335%
16	9.690	673	674	677	rVV	37473	40490	2.43%	0.198%
17	9.793	681	683	684	rBV	63140	64091	3.84%	0.313%
18	9.828	684	686	689	rBV2	41331	43123	2.59%	0.210%
19	9.885	689	691	694	rVV	12845	19041	1.14%	0.093%
20	10.170	715	716	719	rVB2	24604	29002	1.74%	0.142%
21	10.365	731	733	737	rBV2	21954	43251	2.59%	0.211%
22	10.445	737	740	742	rVV	838147	954667	57.26%	4.660%
23	10.491	742	744	745	rVB	28525	28892	1.73%	0.141%
24	10.582	750	752	756	rVB	34525	49393	2.96%	0.241%
25	10.673	758	760	761	rBV	12799	18014	1.08%	0.088%
26	11.028	789	791	792	rBV	32884	32709	1.96%	0.160%
27	11.131	797	800	802	rVV	526369	445383	26.71%	2.174%
28	11.211	803	807	809	rVB2	13852	20405	1.22%	0.100%
29	11.428	824	826	827	rBV	23537	21023	1.26%	0.103%
30	11.451	827	828	831	rVB	20889	19479	1.17%	0.095%
31	11.691	846	849	851	rBV	149166	207677	12.46%	1.014%
32	12.182	890	892	893	rBV	23482	30609	1.84%	0.149%
33	12.468	915	917	921	rBV3	9282	17945	1.08%	0.088%
34	12.719	936	939	941	rBV	1079894	1148277	68.87%	5.605%

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Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.948	956	959	963	rBV3	29535	62090	3.72%	0.303%
36	13.176	977	979	984	rVB4	8387	21976	1.32%	0.107%
37	13.279	984	988	989	rBV3	9760	19023	1.14%	0.093%
38	13.416	999	1000	1003	rBV2	17824	22370	1.34%	0.109%
39	13.485	1003	1006	1008	rVV	264936	317379	19.03%	1.549%
40	13.634	1016	1019	1027	rBV	180354	331001	19.85%	1.616%
41	13.748	1027	1029	1033	rVB	395213	367029	22.01%	1.792%
42	13.862	1037	1039	1042	rVB	21182	24022	1.44%	0.117%
43	13.954	1044	1047	1050	rBV2	19098	41416	2.48%	0.202%
44	14.068	1055	1057	1059	rVB	37562	35482	2.13%	0.173%
45	14.262	1071	1074	1082	rBV	175488	332182	19.92%	1.622%
46	14.548	1094	1099	1100	rBV2	20857	48439	2.91%	0.236%
47	14.605	1103	1104	1106	rVB	19797	18110	1.09%	0.088%
48	14.674	1108	1110	1112	rVB	69156	77003	4.62%	0.376%
49	14.742	1113	1116	1119	rBV5	9337	23902	1.43%	0.117%
50	14.834	1122	1124	1126	rBV	174308	233094	13.98%	1.138%
51	14.982	1135	1137	1141	rVB2	22605	34590	2.07%	0.169%
52	15.097	1145	1147	1150	rBV	242891	299614	17.97%	1.463%
53	15.165	1150	1153	1155	rVB	16421	24997	1.50%	0.122%
54	15.325	1165	1167	1171	rVB	120308	181168	10.87%	0.884%
55	15.531	1182	1185	1187	rBV	222845	305785	18.34%	1.493%
56	15.577	1187	1189	1192	rVV	72386	167248	10.03%	0.816%
57	15.634	1192	1194	1198	rVV3	40441	89704	5.38%	0.438%
58	15.737	1200	1203	1207	rVB2	26226	62270	3.73%	0.304%
59	15.954	1220	1222	1227	rVB2	15752	27405	1.64%	0.134%
60	16.194	1239	1243	1246	rBV	113234	202172	12.13%	0.987%
61	16.251	1246	1248	1251	rVB4	8434	17957	1.08%	0.088%
62	16.388	1255	1260	1263	rBV3	45534	128292	7.69%	0.626%
63	16.445	1263	1265	1269	rVB	39984	70041	4.20%	0.342%
64	16.537	1270	1273	1276	rBV2	24655	59271	3.55%	0.289%
65	16.674	1282	1285	1288	rVB4	13673	27664	1.66%	0.135%
66	16.845	1295	1300	1306	rBV2	99783	309691	18.57%	1.512%
67	17.165	1325	1328	1330	rBV3	9532	18423	1.10%	0.090%
68	17.291	1335	1339	1343	rVB2	51503	111818	6.71%	0.546%
69	17.371	1343	1346	1351	rBV	39283	105976	6.36%	0.517%
70	17.497	1351	1357	1366	rVB5	60095	277507	16.64%	1.355%
71	17.680	1369	1373	1378	rBV	59805	155140	9.30%	0.757%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	18.400	1431	1436	1441	rBV2	61746	155917	9.35%	0.761%
73	18.628	1449	1456	1470	rBV2	345267	1420607	85.20%	6.935%
74	21.280	1682	1688	1694	rBV6	15073	73402	4.40%	0.358%

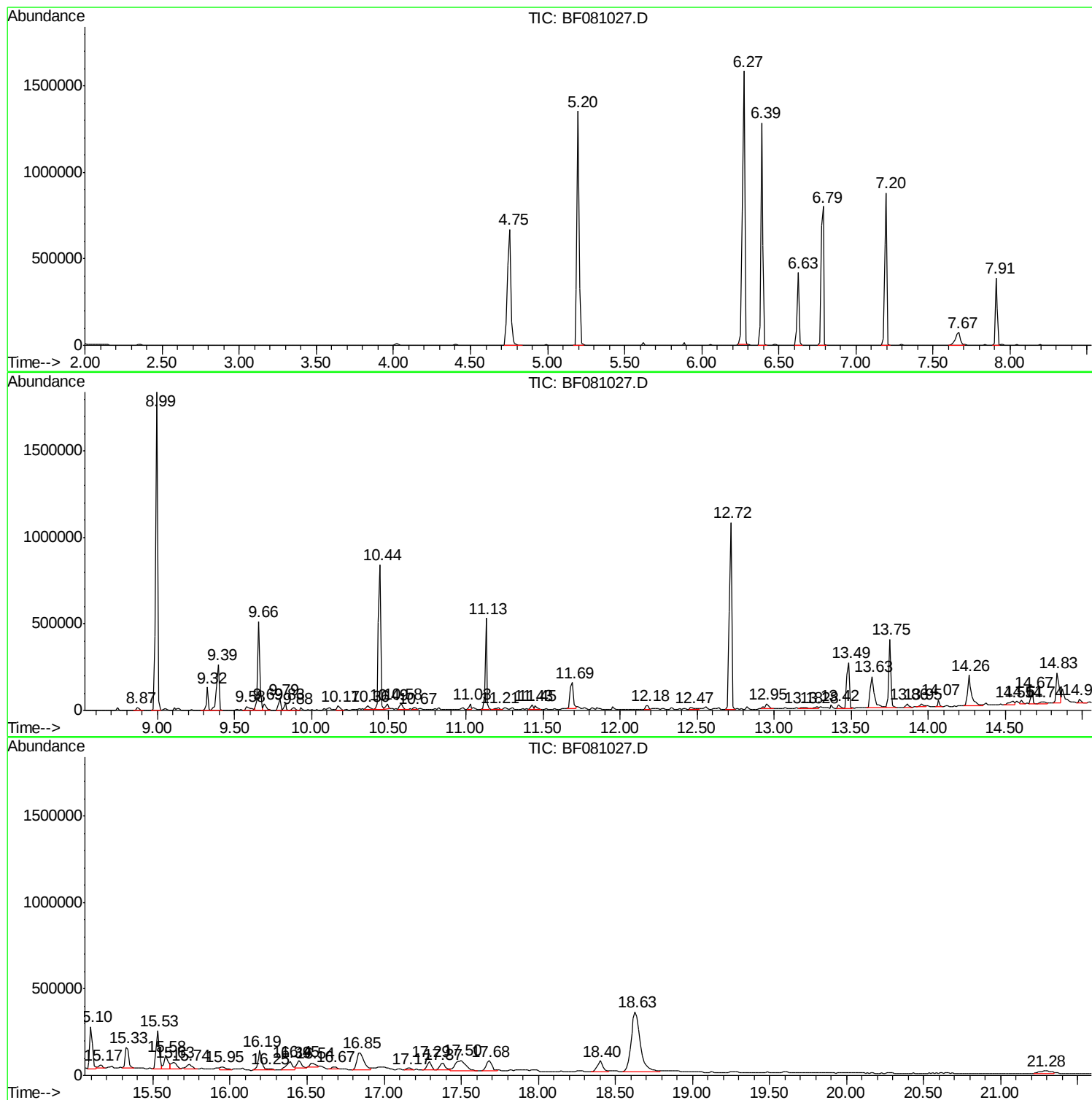
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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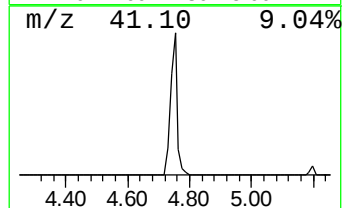
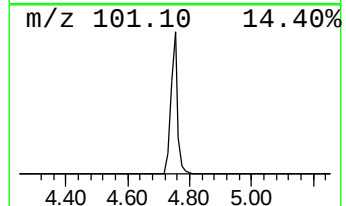
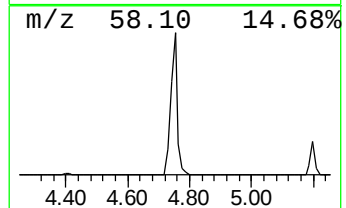
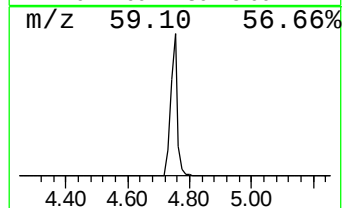
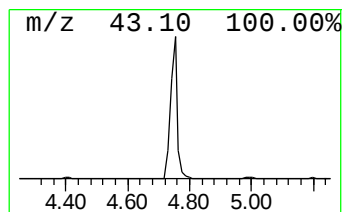
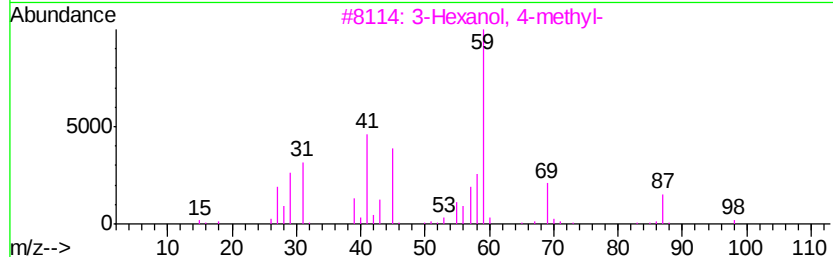
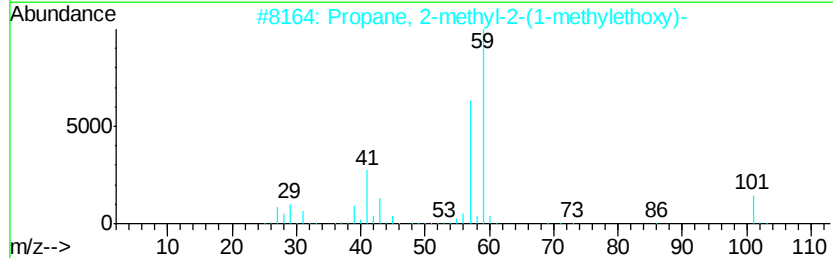
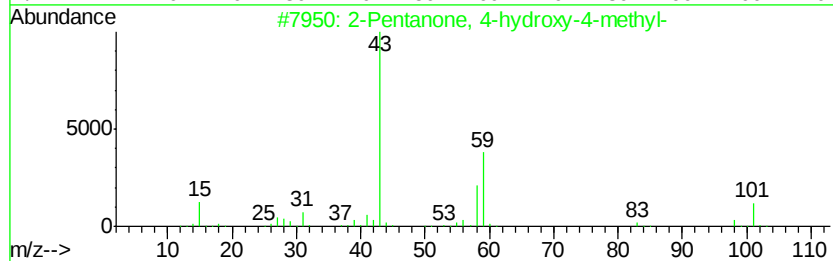
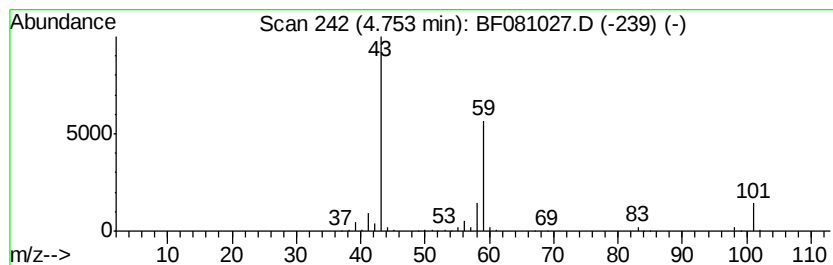
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	54.94 ng	984414	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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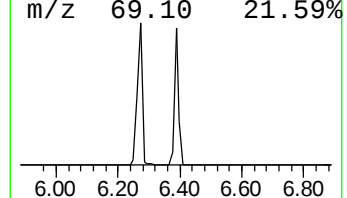
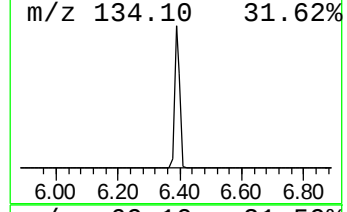
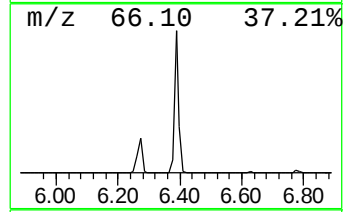
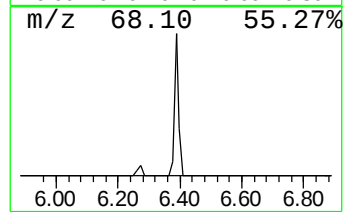
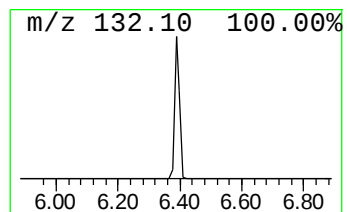
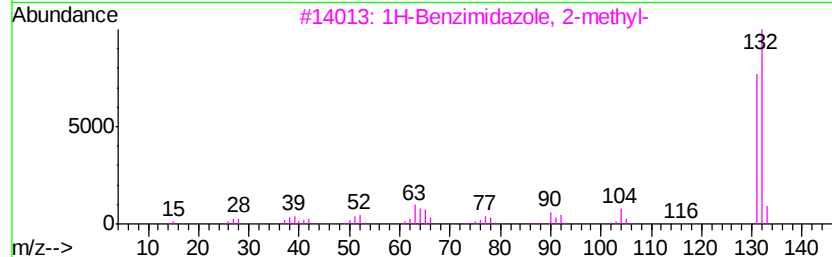
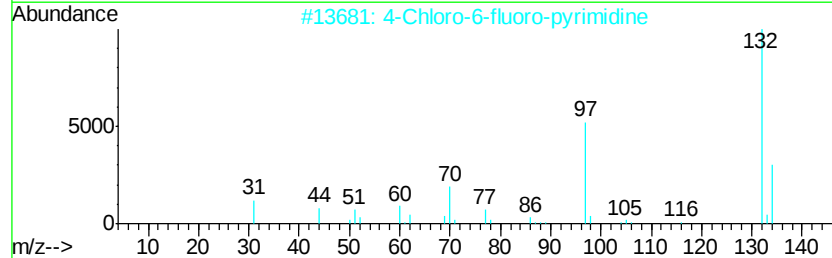
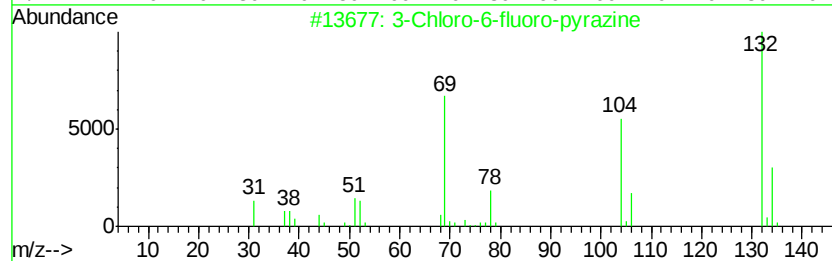
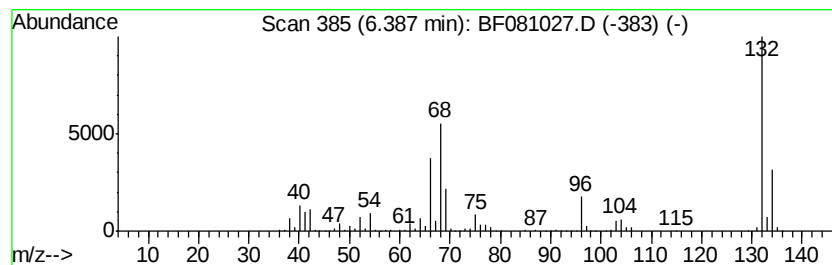
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	75.54 ng	1353510	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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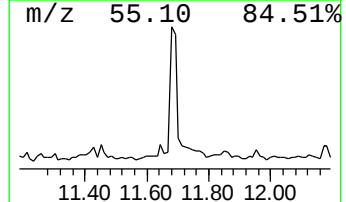
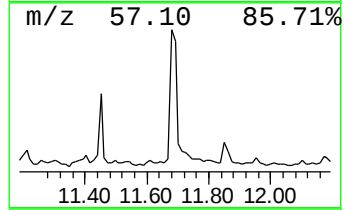
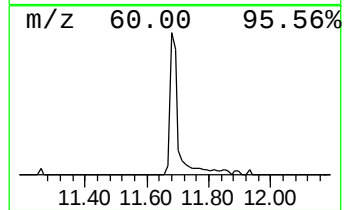
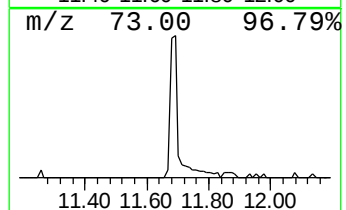
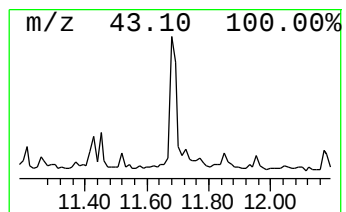
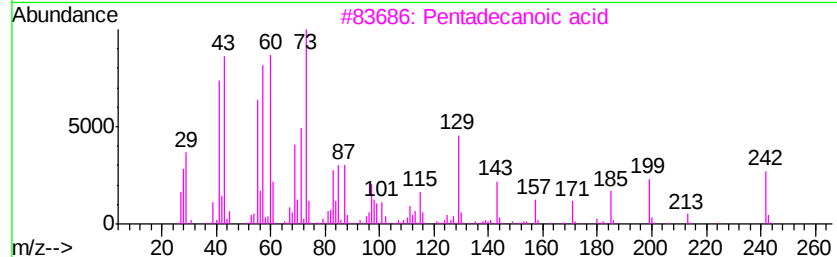
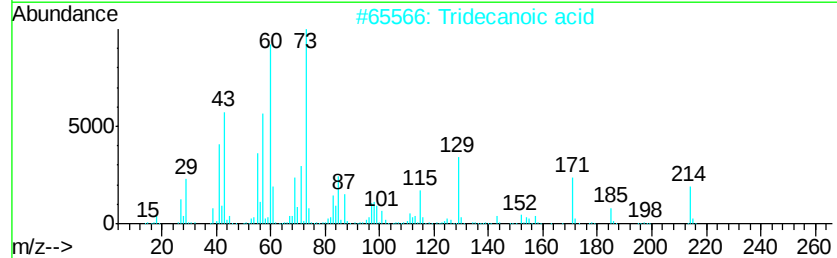
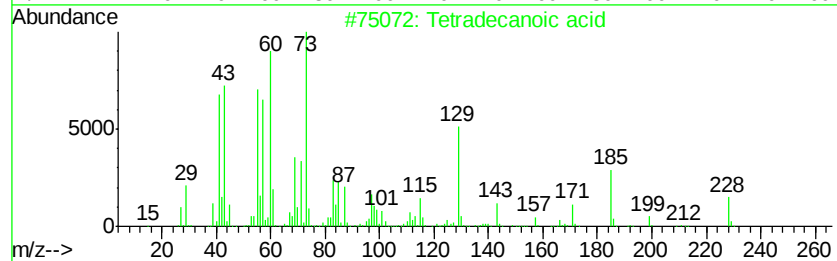
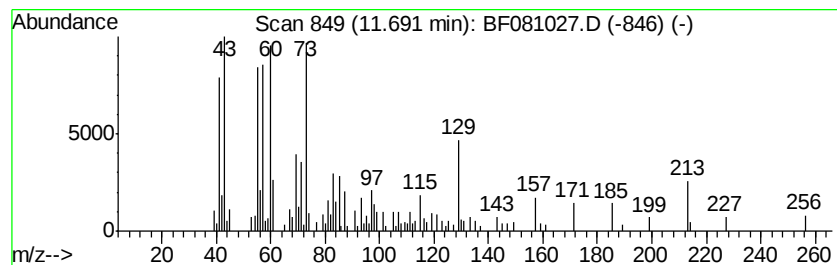
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.33 ng	207677	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Undecanoic acid	186	C11H22O2	000112-37-8	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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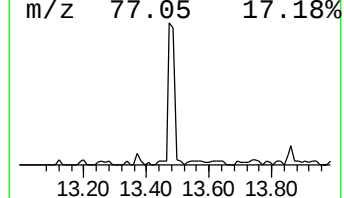
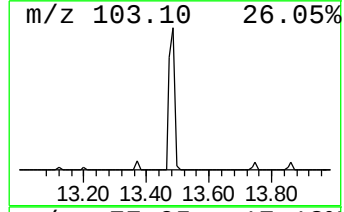
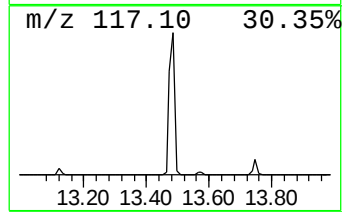
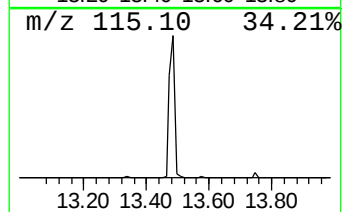
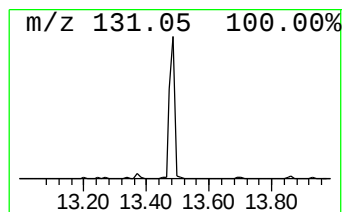
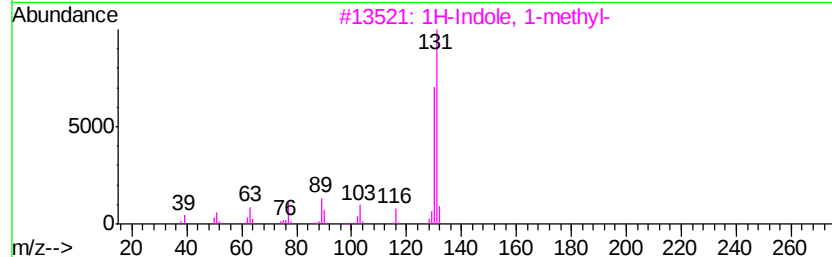
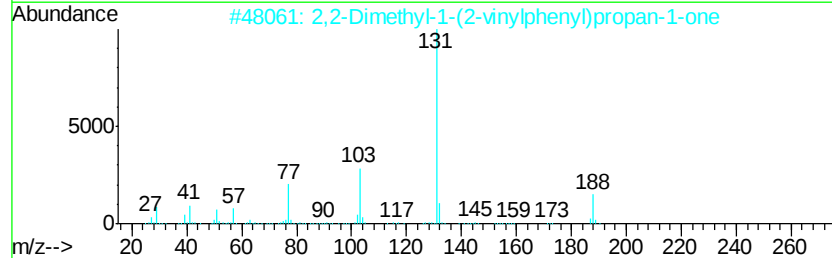
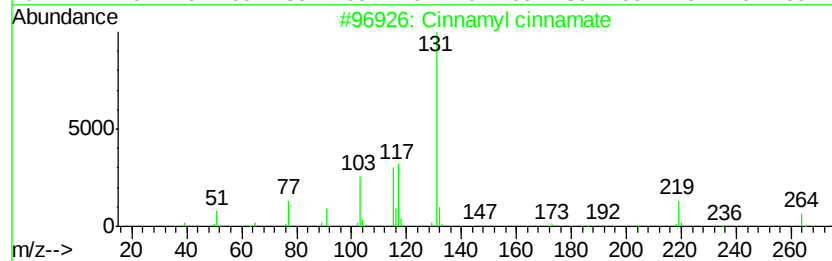
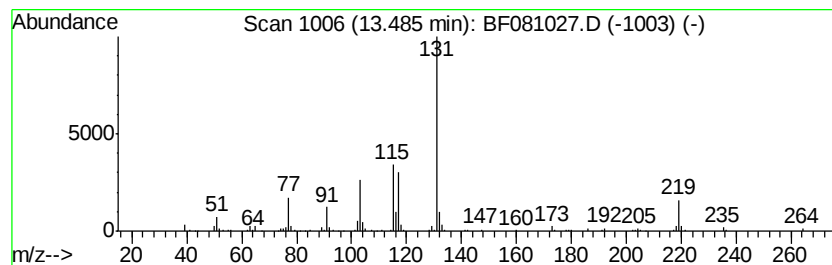
Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cinnamyl cinnamate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	17.29 ng	317379	Chrysene-d12	13.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0 91	
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9 49	
3	1H-Indole, 1-methyl-	131 C9H9N	000603-76-9 47	
4	trans-1-Cinnamoylimidazole	198 C12H10N2O	001138-15-4 47	
5	Propanedioic acid, nitrile, hydr...	229 C12H11N3O2	294878-35-6 47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

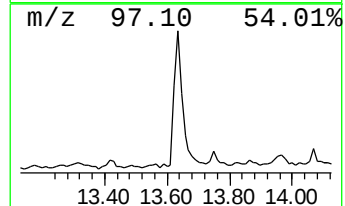
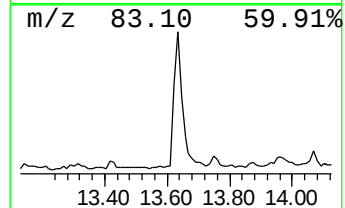
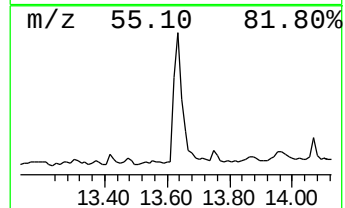
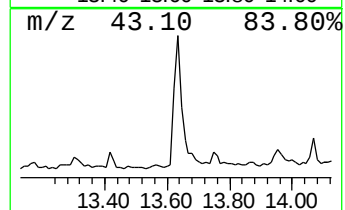
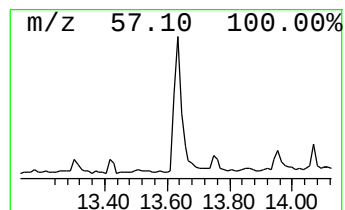
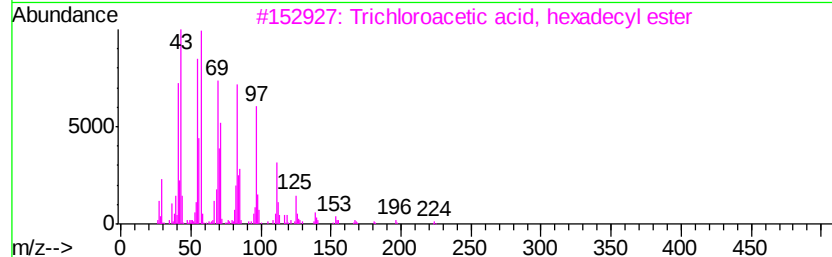
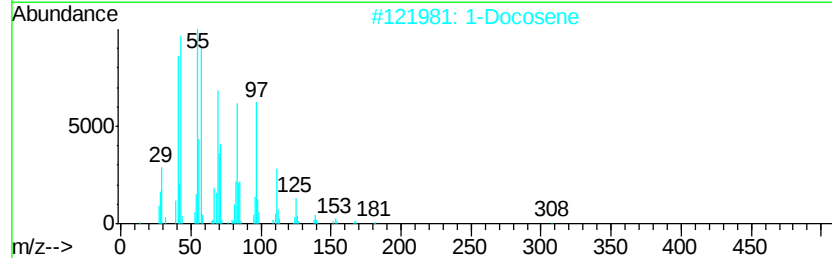
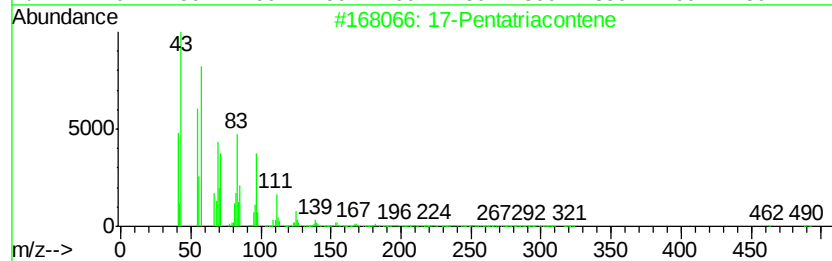
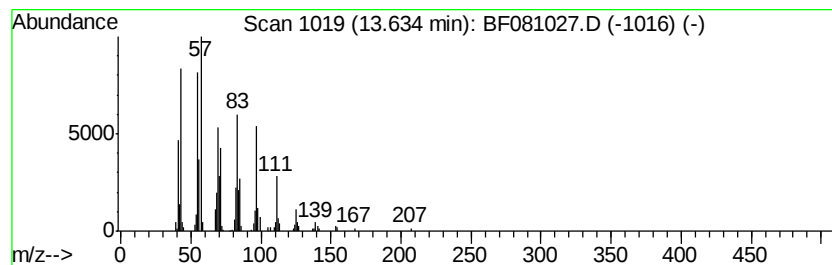
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 17-Pentatriacontene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	18.04 ng	331001	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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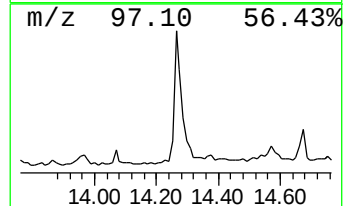
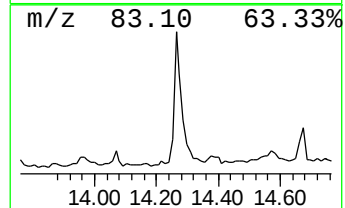
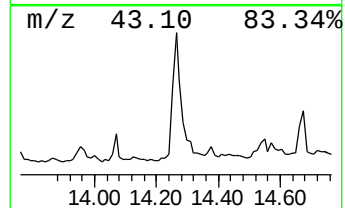
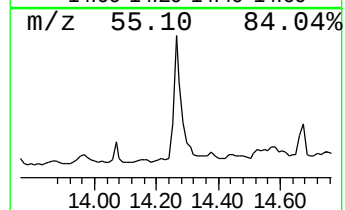
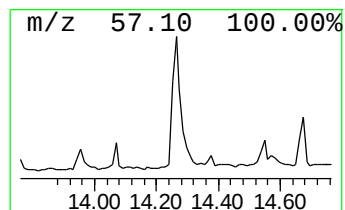
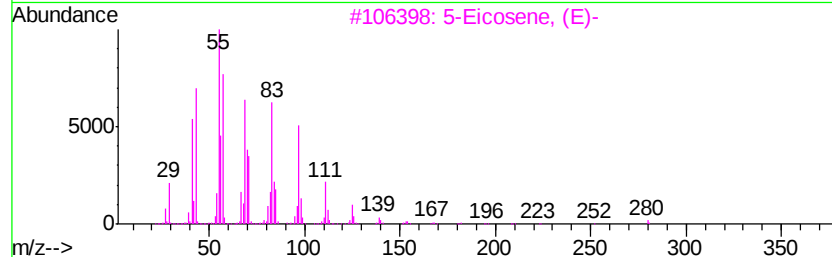
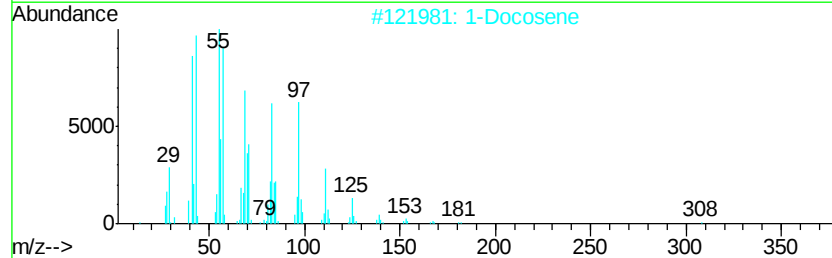
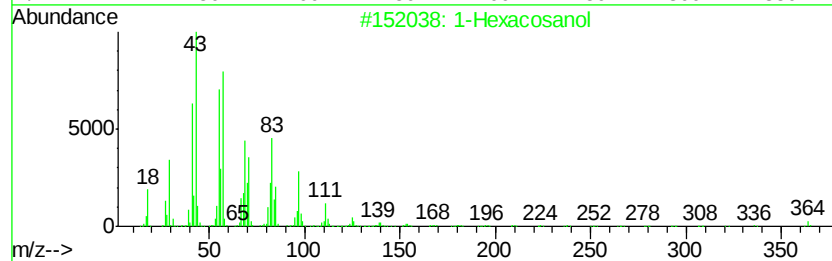
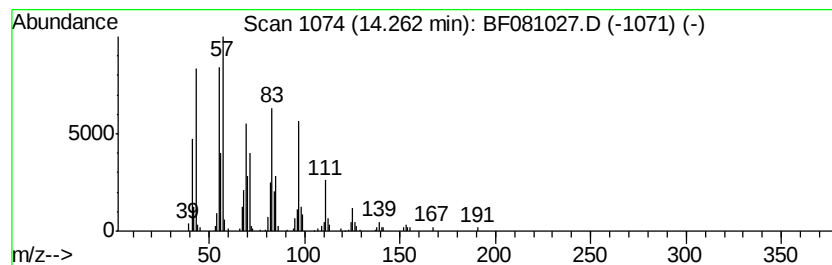
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	18.10 ng	332182	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosanol	382	C26H54O	000506-52-5	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4		1-Tetracosanol	354	C24H50O	000506-51-4	87
5		11-Tricosene	322	C23H46	052078-56-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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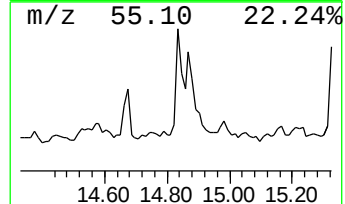
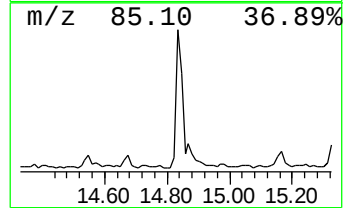
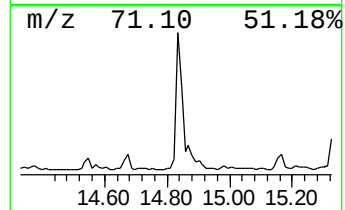
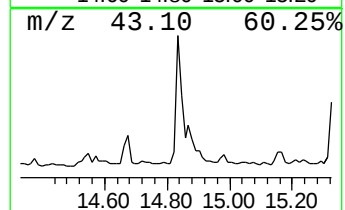
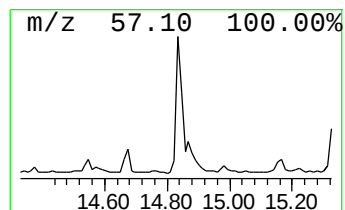
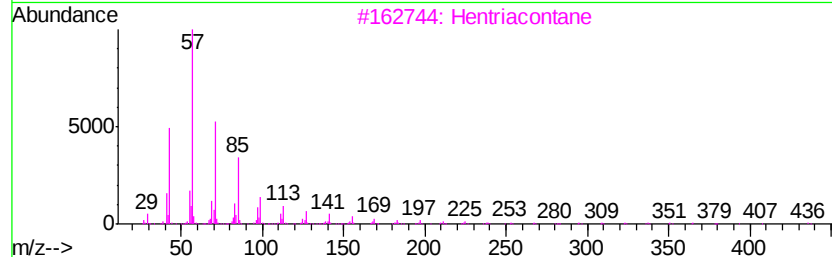
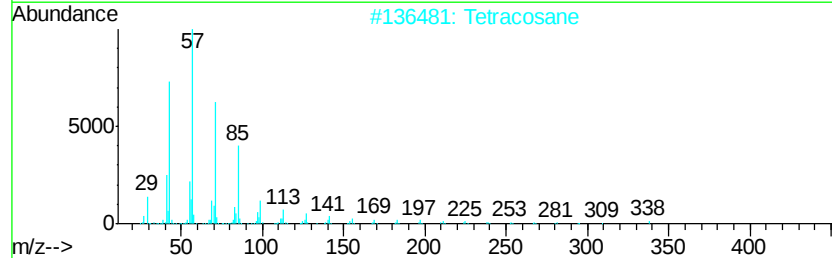
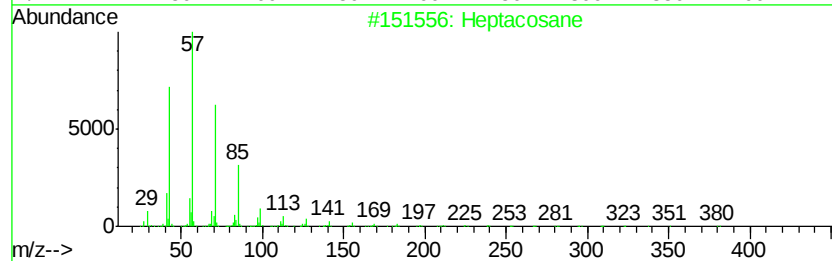
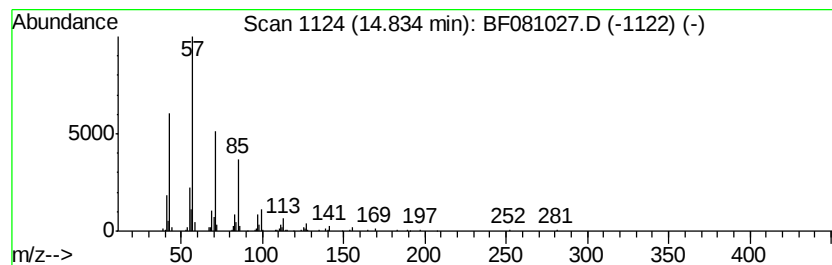
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	15.56 ng	233094	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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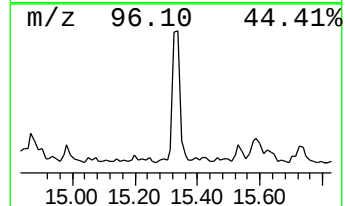
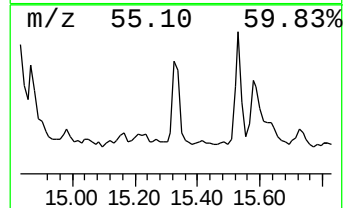
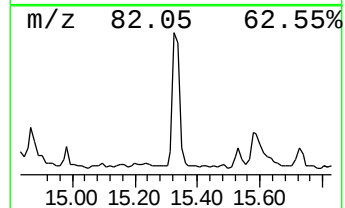
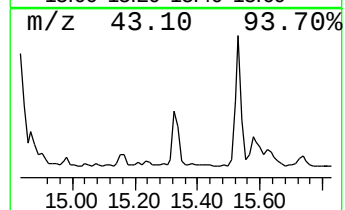
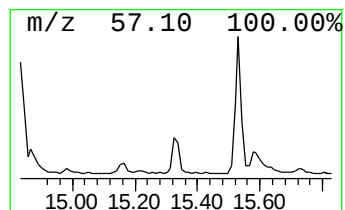
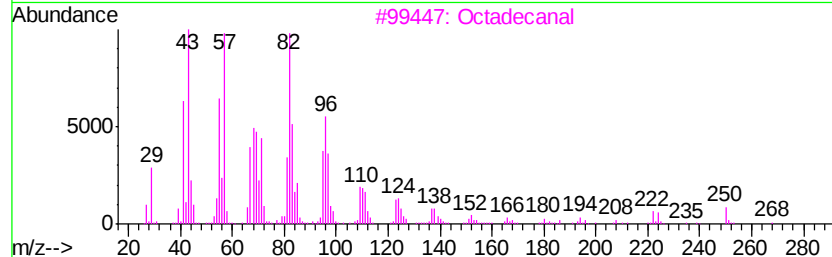
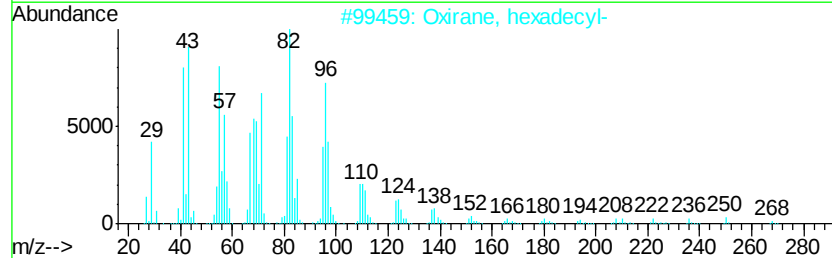
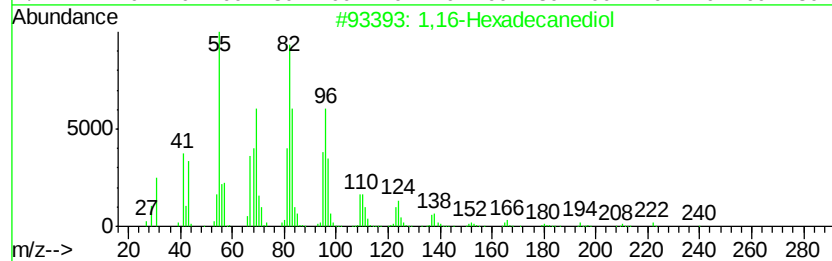
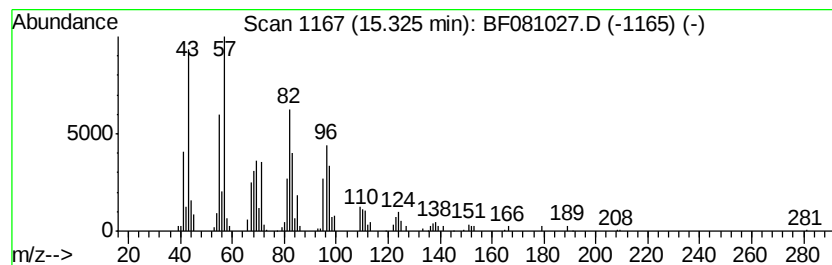
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,16-Hexadecanediol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	12.09 ng	181168	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		17-Octadecenal	266	C18H34O	056554-86-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
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Instrument :
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ClientSampleId :
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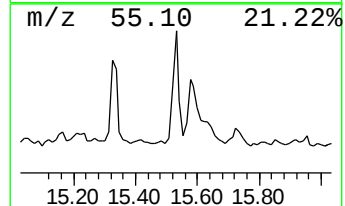
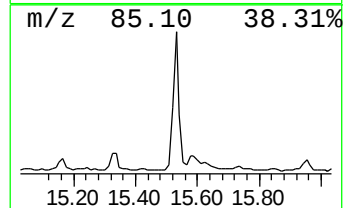
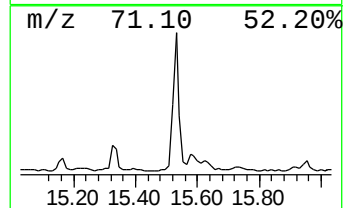
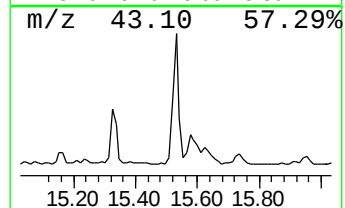
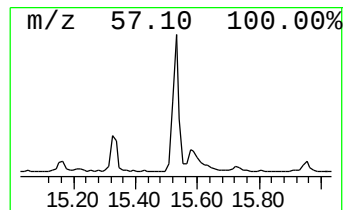
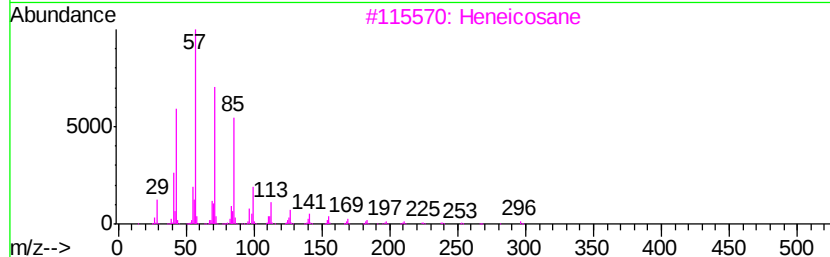
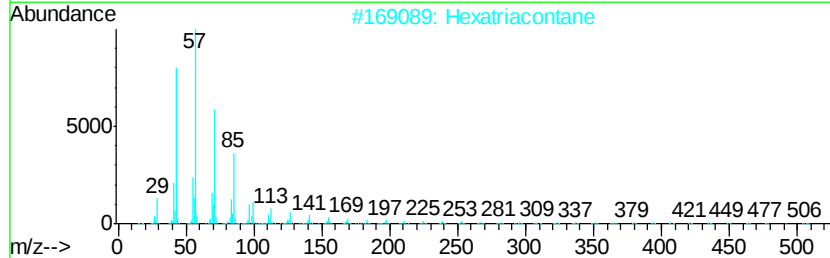
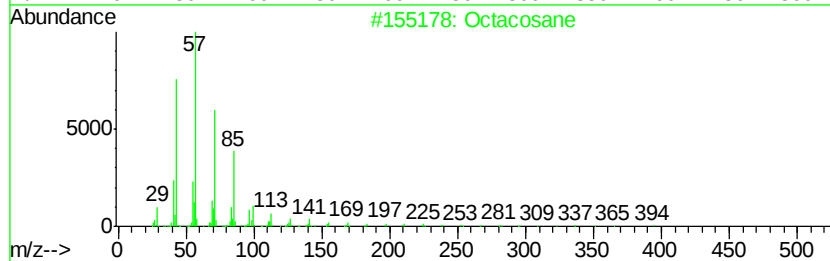
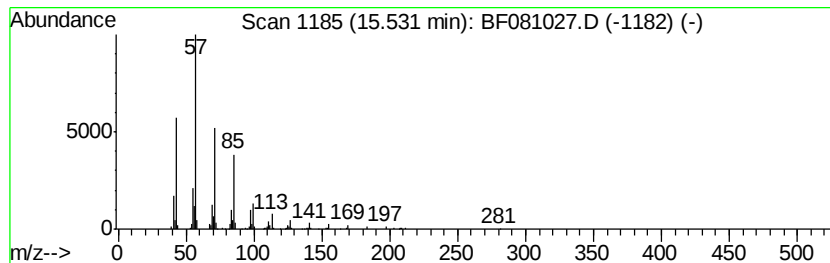
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	20.41 ng	305785	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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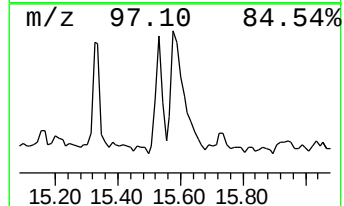
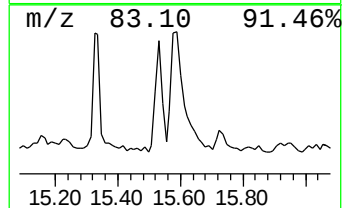
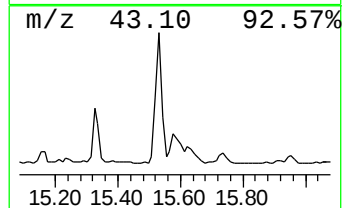
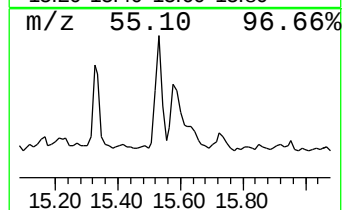
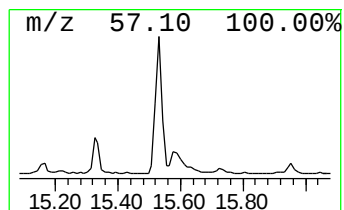
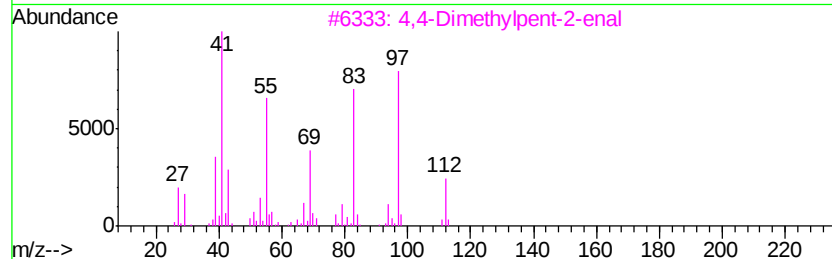
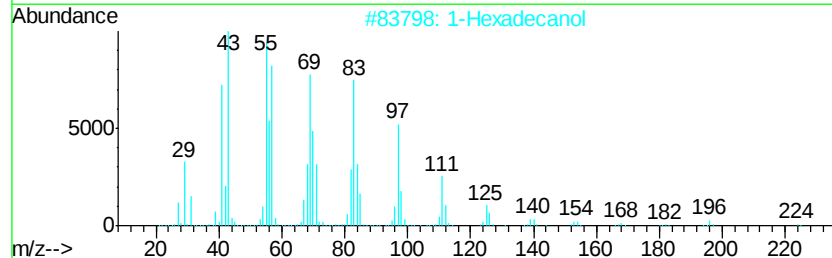
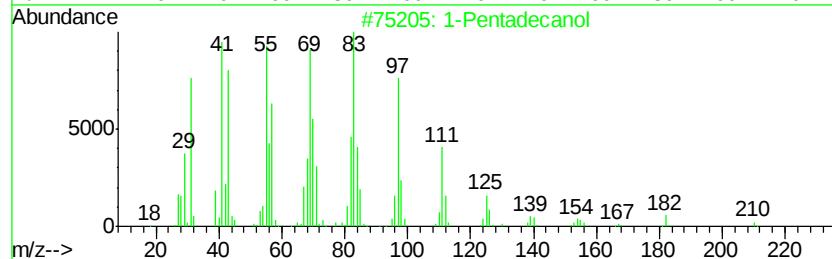
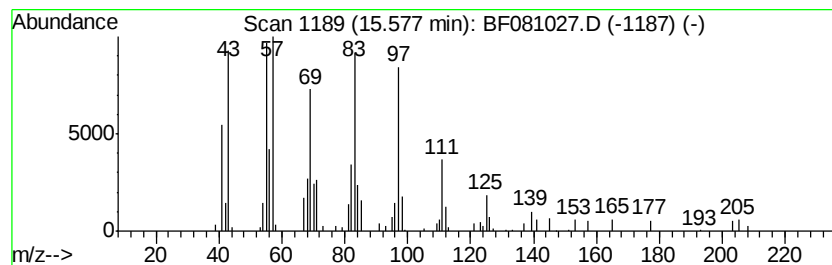
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Pentadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	11.16 ng	167248	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecanol	228	C15H32O	000629-76-5	87
2		1-Hexadecanol	242	C16H34O	036653-82-4	64
3		4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	53
4		Cycloheptane, methyl-	112	C8H16	004126-78-7	49
5		1-Eicosanol	298	C20H42O	000629-96-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 3:45
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ALS Vial : 25 Sample Multiplier: 1

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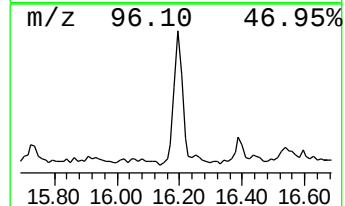
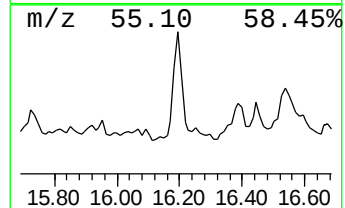
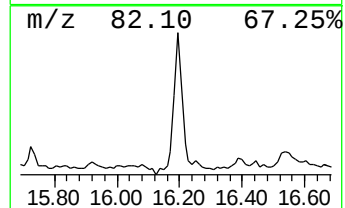
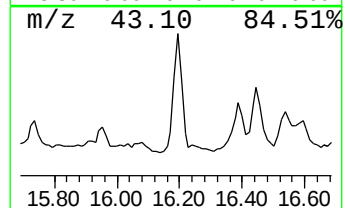
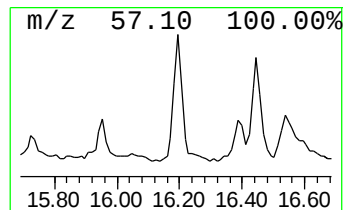
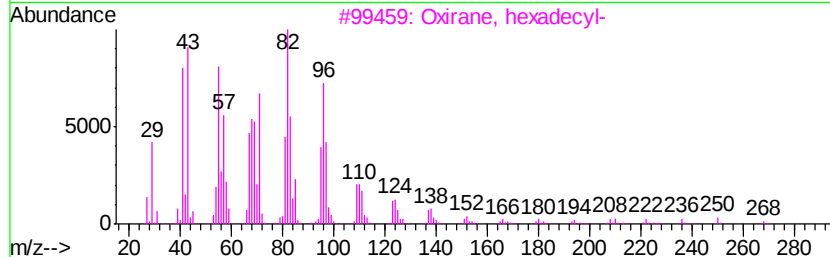
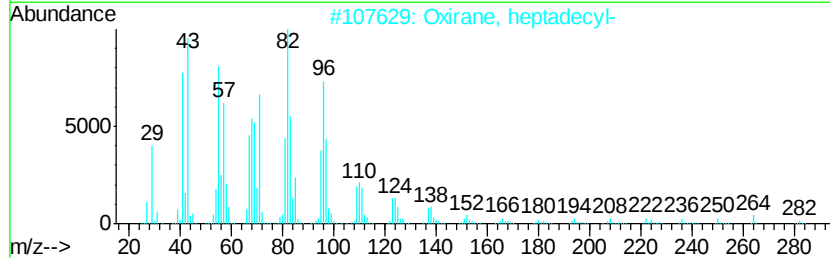
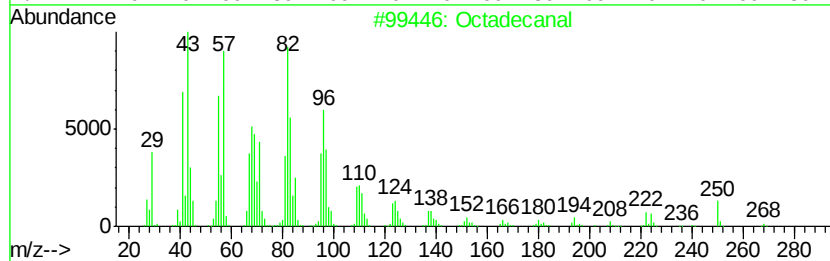
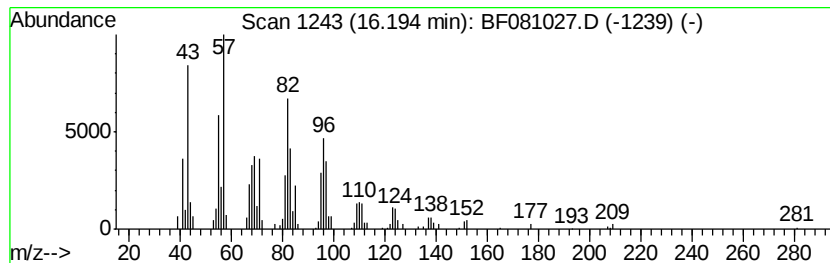
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	13.50 ng	202172	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		17-Octadecenal	266	C18H34O	056554-86-0	91
5		Tetradecanal	212	C14H28O	000124-25-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

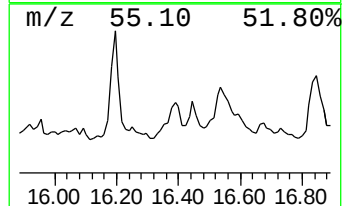
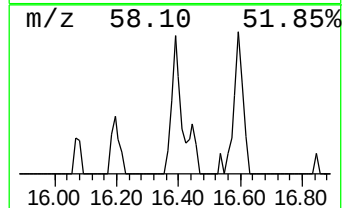
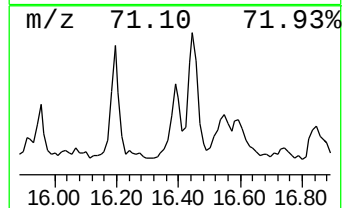
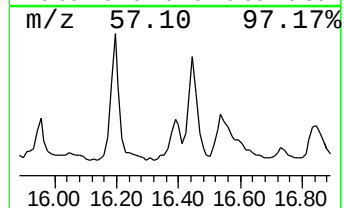
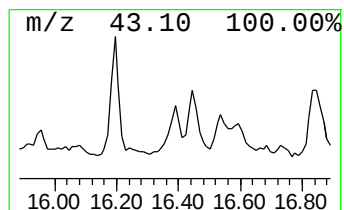
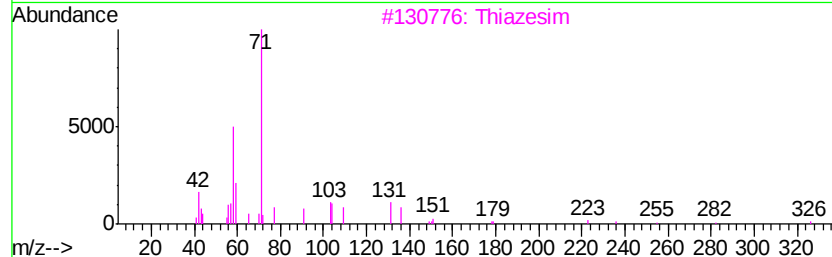
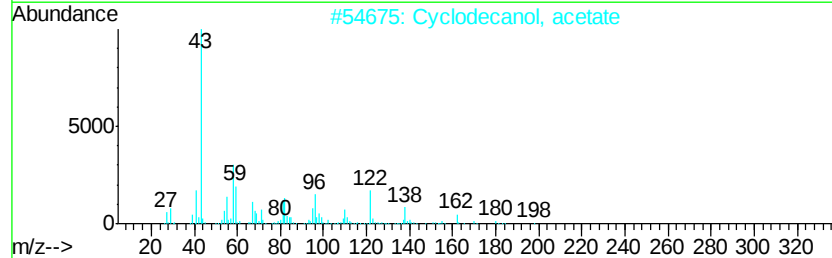
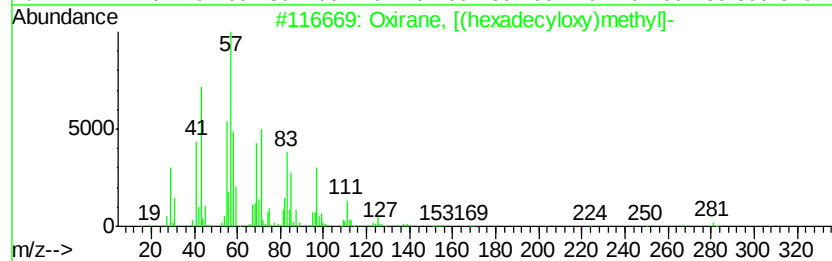
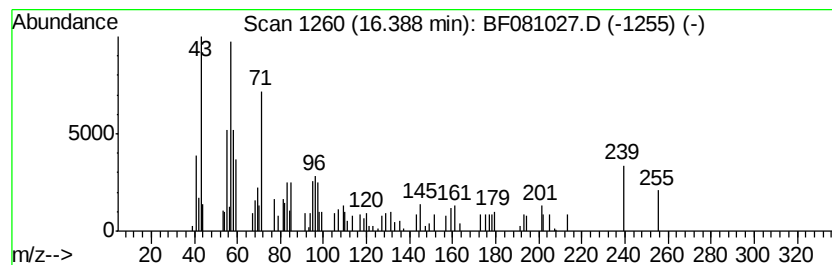
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.39 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	8.56 ng	128292	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	47
2		Cyclodecanol, acetate	198	C12H22O2	007386-24-5	27
3		Thiazesim	326	C19H22N2OS	005845-26-1	27
4		Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	18
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RAMPB-T(0-2)-1

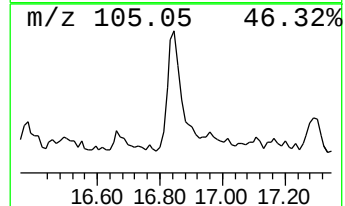
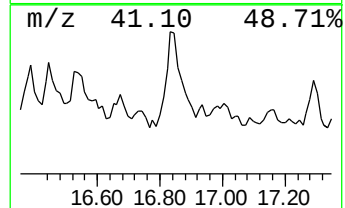
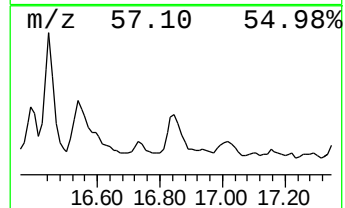
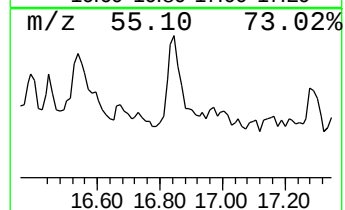
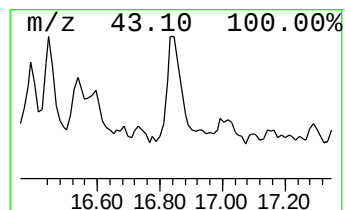
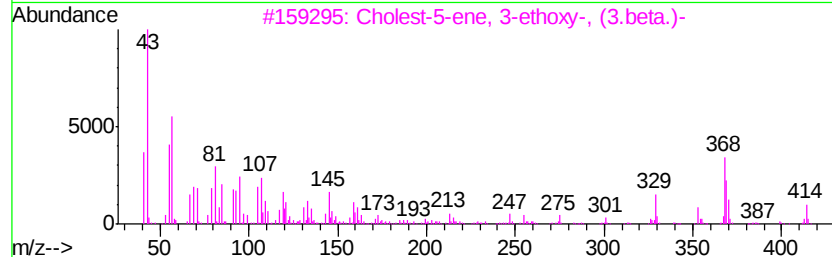
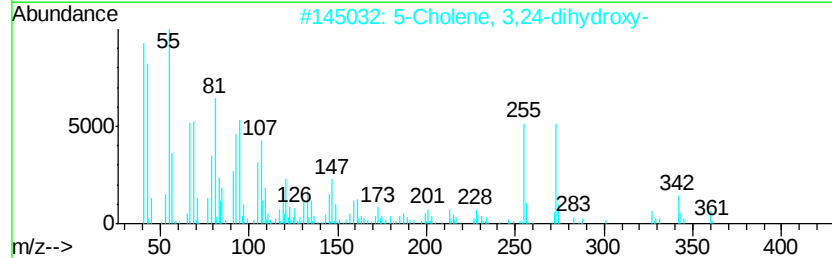
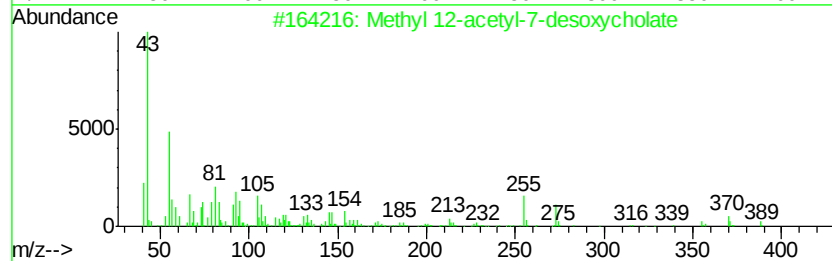
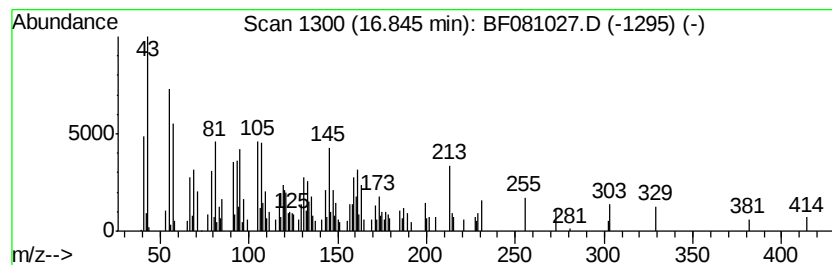
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	20.67 ng	309691	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	37
2		5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	27
3		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	25
4		4-Hydroxy-4-(4,6-dimethylcyclohe...	196	C12H20O2	002316-79-2	22
5		7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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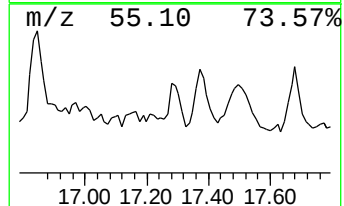
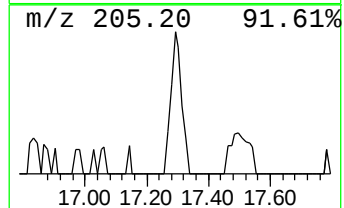
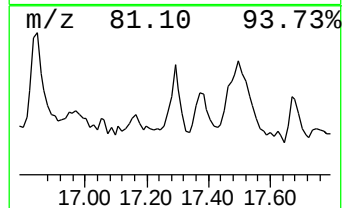
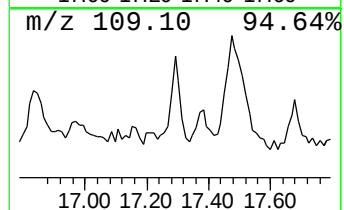
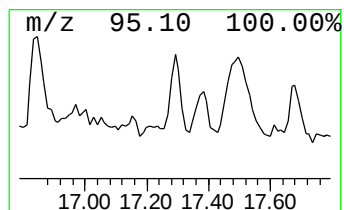
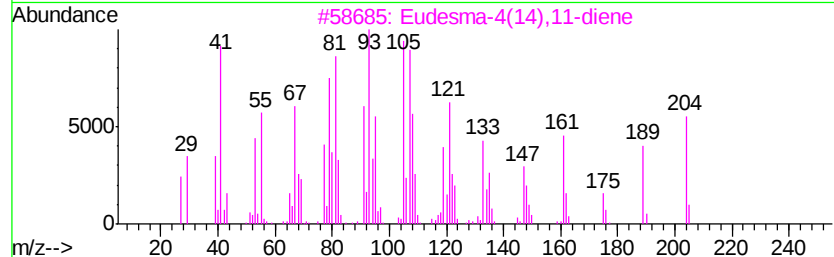
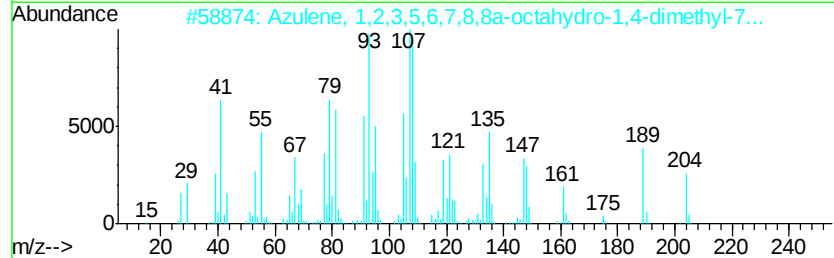
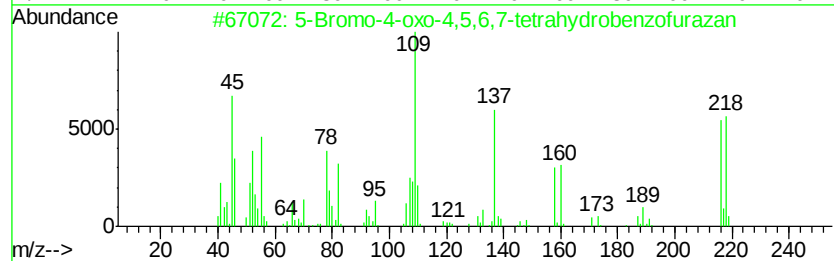
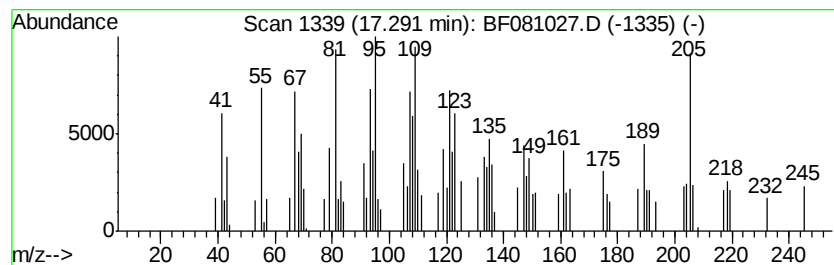
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	7.46 ng	111818	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	35
3		Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	35
4		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
5		Caryophyllene	204	C15H24	000087-44-5	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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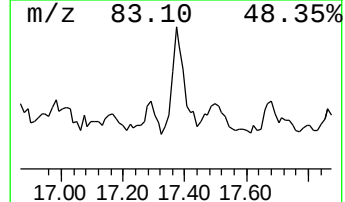
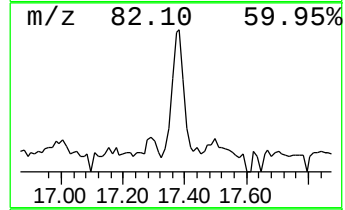
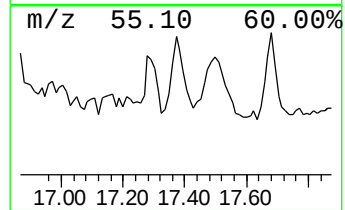
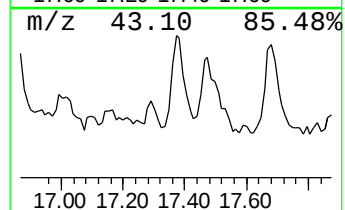
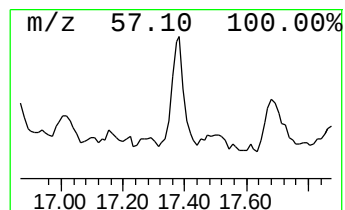
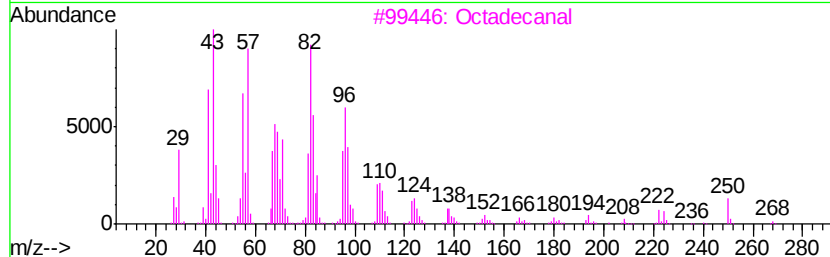
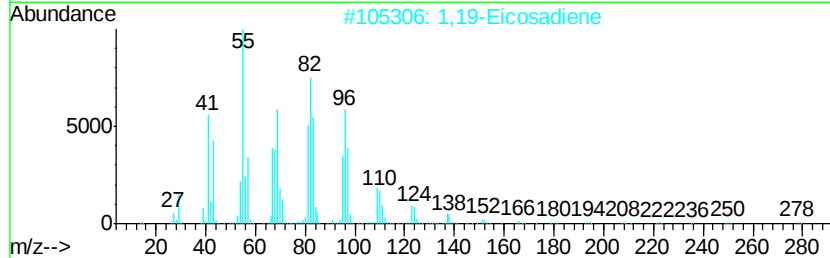
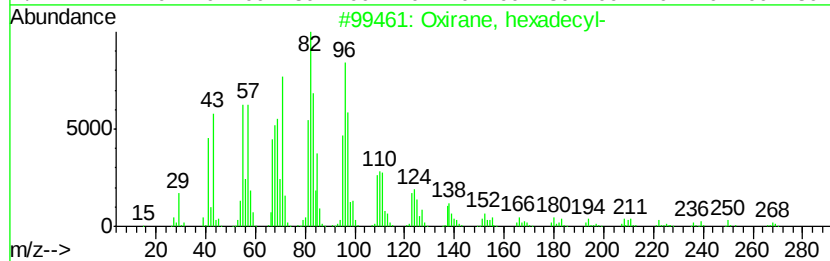
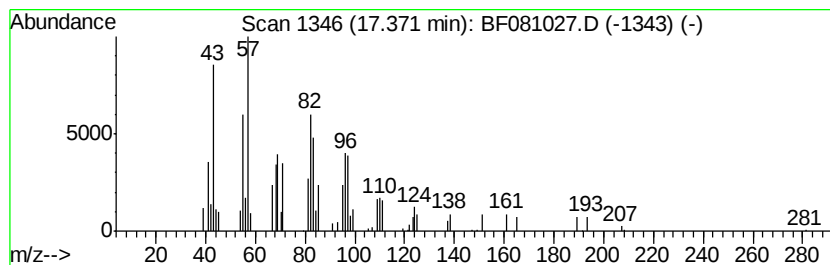
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	7.07 ng	105976	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2			1,19-Eicosadiene	278	C20H38	014811-95-1	86
3			Octadecanal	268	C18H36O	000638-66-4	83
4			E-2-Octadecadecen-1-ol	268	C18H36O	1000131-10-2	72
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
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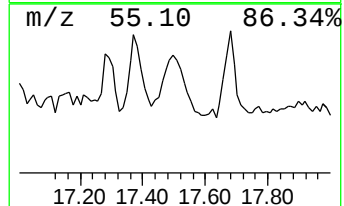
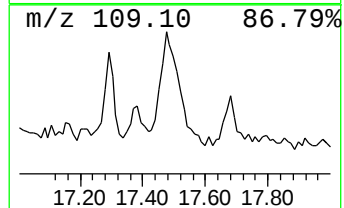
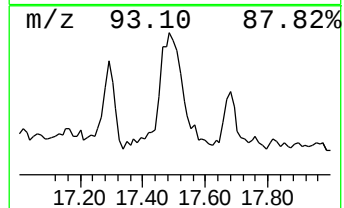
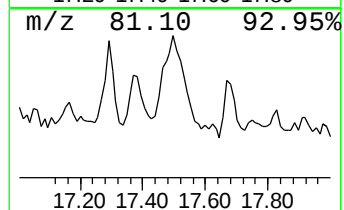
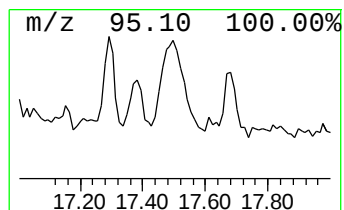
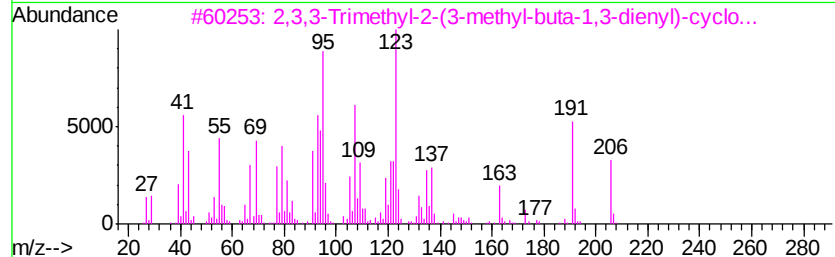
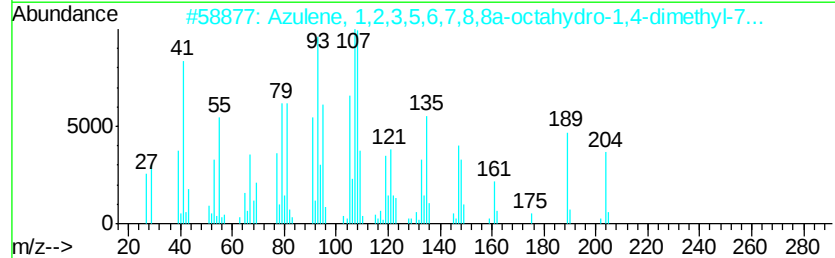
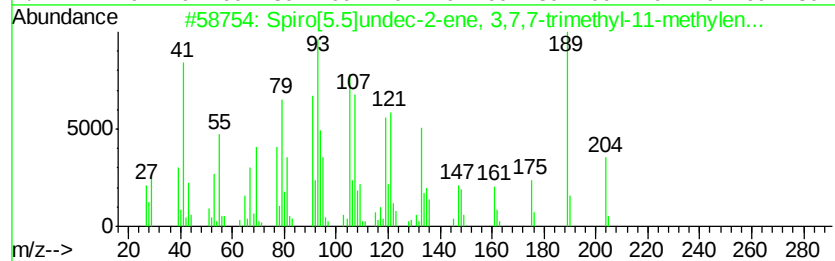
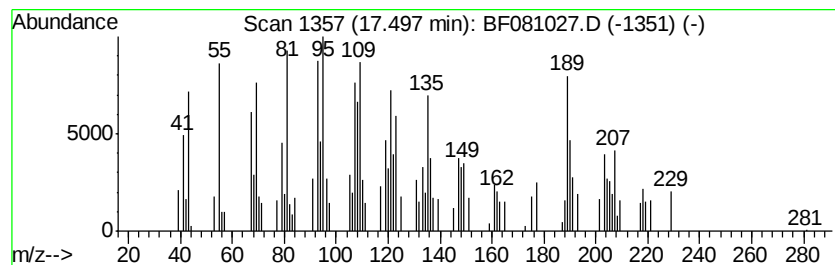
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Spiro[5.5]undec-2-ene, 3,7,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.50	18.52 ng	277507	Perylene-d12	15.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	64
2		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	64
3		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H220	1000193-60-6	38
4		Spiro[2.5]octane, 5,5-dimethyl-4...	208	C14H240	077143-32-9	27
5		.beta.-Humulene	204	C15H24	000116-04-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
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Misc :
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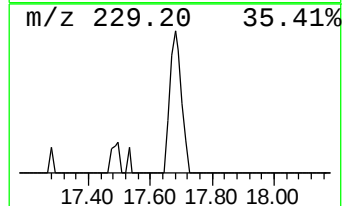
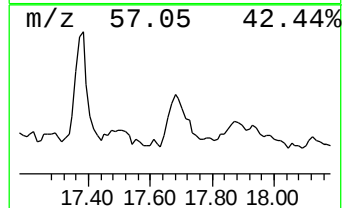
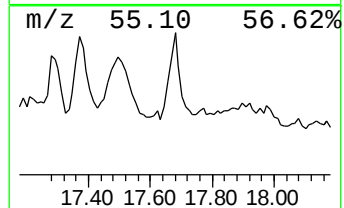
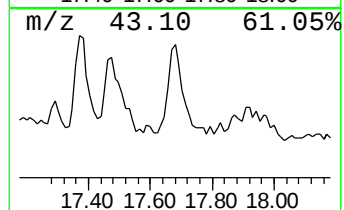
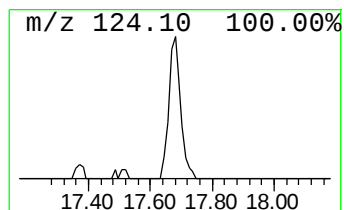
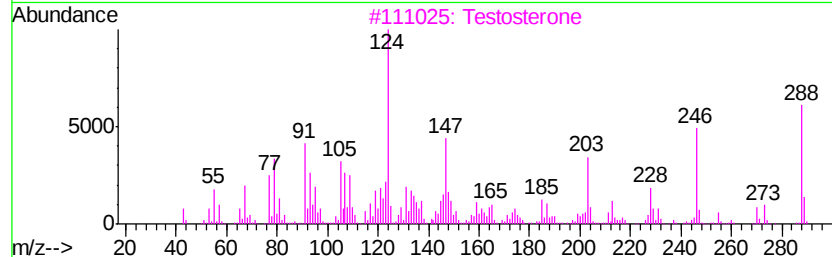
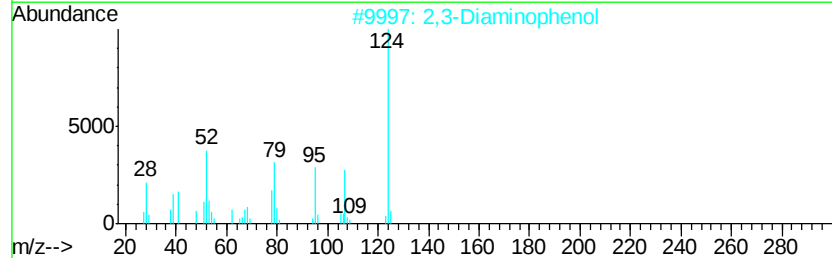
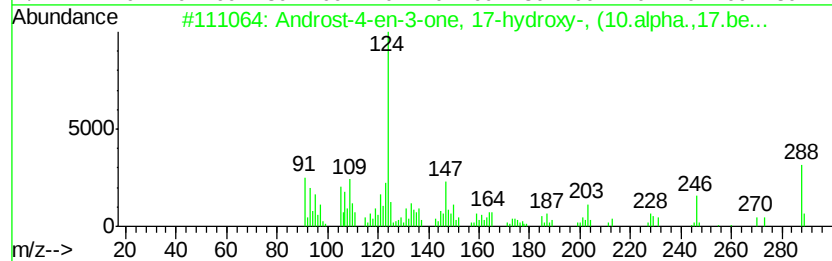
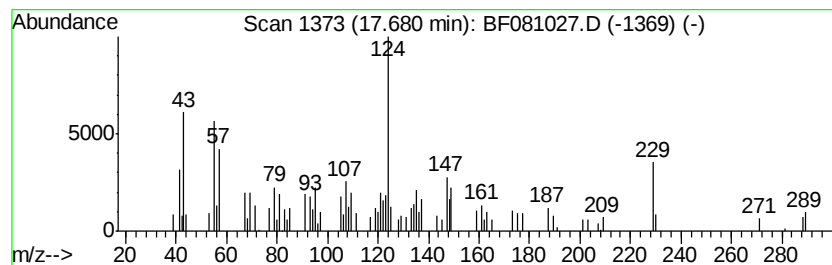
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	10.36 ng	155140	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	90
2		2,3-Diaminophenol	124	C6H8N2O	059649-56-8	43
3		Testosterone	288	C19H28O2	000058-22-0	43
4		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
5		2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

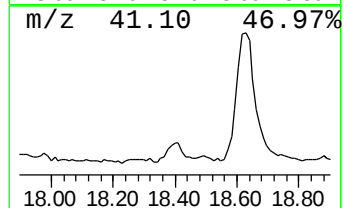
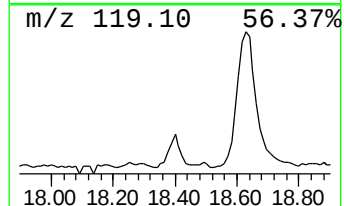
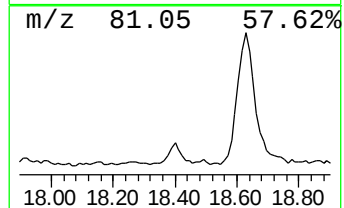
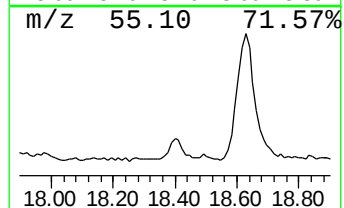
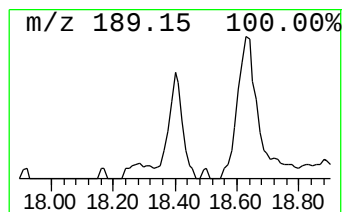
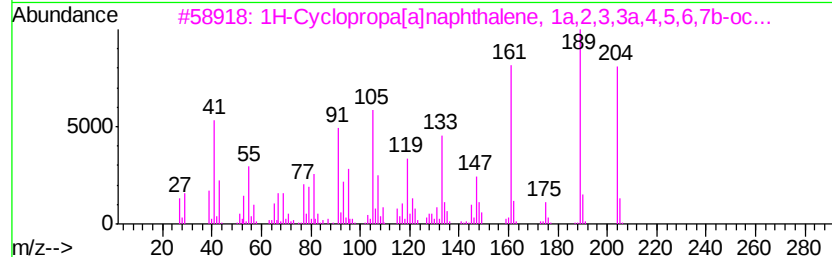
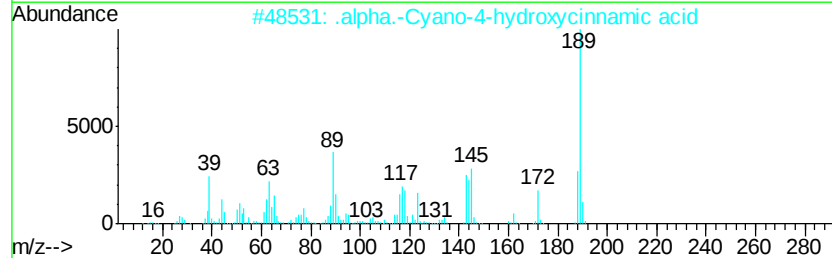
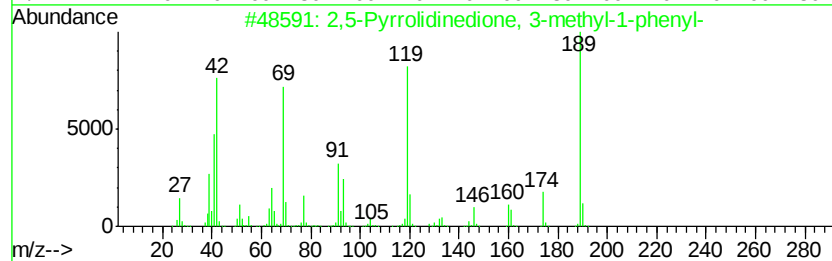
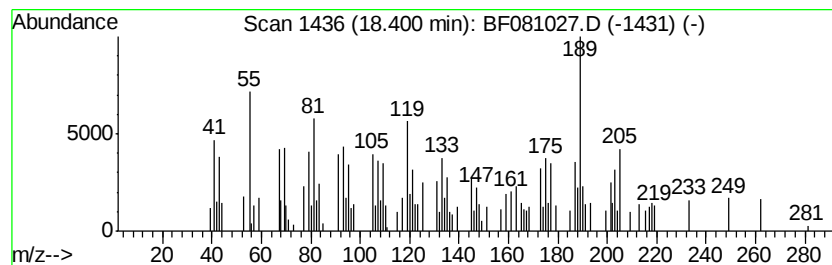
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.40 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	10.41 ng	155917	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Pyrrolidinedione, 3-methyl-1...	189	C11H11N02	075619-07-7	35
2		.alpha.-Cyano-4-hydroxycinnamic ...	189	C10H7N03	028166-41-8	30
3		1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	25
4		.delta.-Selinene	204	C15H24	028624-23-9	25
5		Silane, triethyl(2-phenylethenyl)-	218	C14H22Si	001206-29-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081027.D
Acq On : 18 Aug 2015 3:45
Operator : UM/IZ
Sample : G3289-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

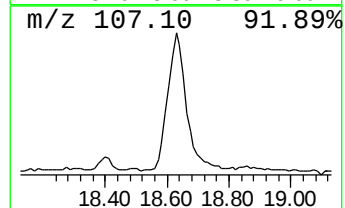
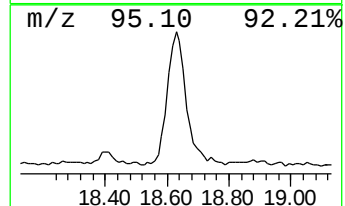
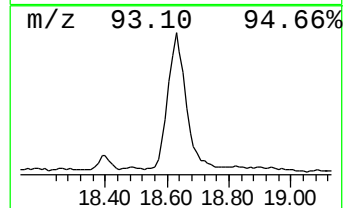
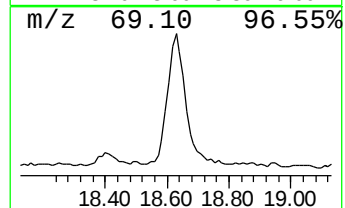
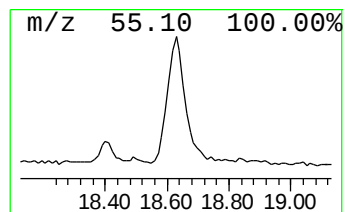
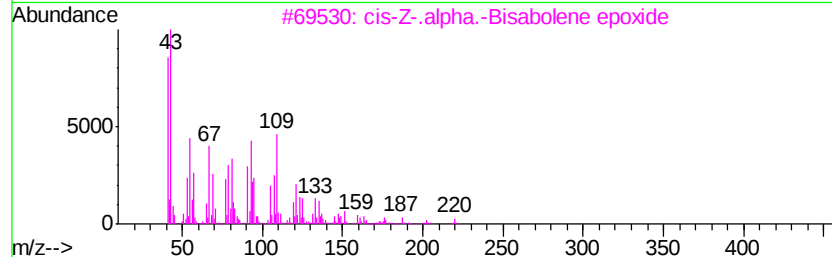
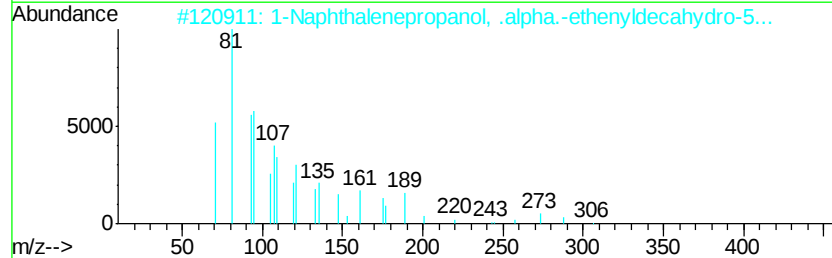
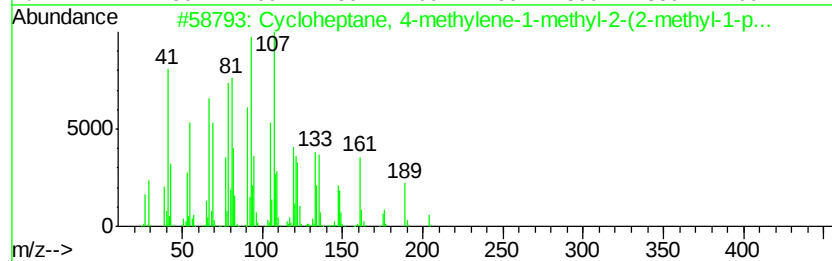
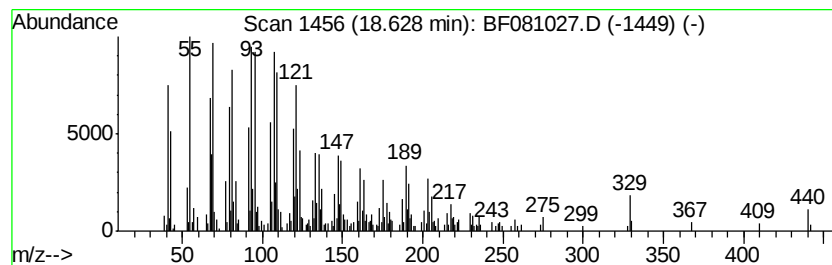
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cycloheptane, 4-methylene-1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	94.83 ng	1420610	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	53
2		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	49
3		cis-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-2	42
4		1,4-Methanoazulen-7-ol, decahydr...	222	C15H26O	018319-27-2	41
5		1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081027.D
 Acq On : 18 Aug 2015 3:45
 Operator : UM/IZ
 Sample : G3289-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
2-Pentanone, 4-hy...	4.75	54.9	ng	984414	1	6.63	358347	20.0
unknown6.39	6.39	75.5	ng	1353510	1	6.63	358347	20.0
Tetradecanoic acid	11.69	9.3	ng	207677	4	11.13	445383	20.0
Cinnamyl cinnamate	13.49	17.3	ng	317379	5	13.75	367029	20.0
17-Pentatriacontene	13.63	18.0	ng	331001	5	13.75	367029	20.0
1-Hexacosanol	14.26	18.1	ng	332182	5	13.75	367029	20.0
Heptacosane	14.83	15.6	ng	233094	6	15.10	299614	20.0
1,16-Hexadecanediol	15.33	12.1	ng	181168	6	15.10	299614	20.0
Octacosane	15.53	20.4	ng	305785	6	15.10	299614	20.0
1-Pentadecanol	15.58	11.2	ng	167248	6	15.10	299614	20.0
Octadecanal	16.19	13.5	ng	202172	6	15.10	299614	20.0
unknown16.39	16.39	8.6	ng	128292	6	15.10	299614	20.0
unknown16.85	16.85	20.7	ng	309691	6	15.10	299614	20.0
5-Bromo-4-oxo-4,5...	17.29	7.5	ng	111818	6	15.10	299614	20.0
Oxirane, hexadecyl-	17.37	7.1	ng	105976	6	15.10	299614	20.0
Spiro[5.5]undec-2...	17.50	18.5	ng	277507	6	15.10	299614	20.0
Androst-4-en-3-on...	17.68	10.4	ng	155140	6	15.10	299614	20.0
unknown18.40	18.40	10.4	ng	155917	6	15.10	299614	20.0
Cycloheptane, 4-m...	18.63	94.8	ng	1420610	6	15.10	299614	20.0