

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090300.D
 Acq On : 29 Sep 2016 20:11
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

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-BF092016.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	1.644	3	5	45	rVB	635392	1864966	46.64%	5.230%
2	4.558	256	260	270	rBV	329582	734905	18.38%	2.061%
3	5.027	298	301	304	rBV	2284432	3510928	87.80%	9.846%
4	6.136	394	398	400	rBV	2635401	3998580	100.00%	11.214%
5	6.227	404	406	409	rVV	2503905	3503224	87.61%	9.825%
6	6.456	424	426	429	rBV	517367	669007	16.73%	1.876%
7	6.616	437	440	443	rBV	2431293	2621451	65.56%	7.352%
8	7.039	474	477	479	rBV	2060700	2189467	54.76%	6.140%
9	7.747	537	539	542	rBV	890902	845421	21.14%	2.371%
10	8.833	631	634	637	rBV	2811040	3768041	94.23%	10.567%
11	9.233	667	669	672	rBV	774500	801511	20.04%	2.248%
12	9.496	690	692	694	rBV	1146099	925919	23.16%	2.597%
13	9.965	731	733	734	rVB	40649	54931	1.37%	0.154%
14	10.170	749	751	755	rBV	24073	44788	1.12%	0.126%
15	10.285	758	761	763	rBV	1827398	1811138	45.29%	5.079%
16	10.433	772	774	778	rBV	62276	98589	2.47%	0.276%
17	10.971	818	821	823	rBV	658348	697117	17.43%	1.955%
18	11.222	841	843	847	rBV	31386	46120	1.15%	0.129%
19	11.531	868	870	878	rBV2	58816	85549	2.14%	0.240%
20	12.559	957	960	962	rBV	2127545	2616543	65.44%	7.338%
21	12.788	977	980	984	rBV3	57006	95257	2.38%	0.267%
22	12.982	994	997	998	rBV	60413	61785	1.55%	0.173%
23	13.154	1008	1012	1014	rVV2	19527	43604	1.09%	0.122%
24	13.268	1020	1022	1024	rBV	50422	46383	1.16%	0.130%
25	13.474	1037	1040	1042	rBV	268238	422277	10.56%	1.184%
26	13.577	1047	1049	1052	rBV	473325	630713	15.77%	1.769%
27	13.794	1066	1068	1071	rBV2	44101	64158	1.60%	0.180%
28	13.908	1076	1078	1081	rVV	31943	46678	1.17%	0.131%
29	14.102	1092	1095	1098	rBV	460606	502009	12.55%	1.408%
30	14.399	1118	1121	1124	rBV	43702	85764	2.14%	0.241%
31	14.445	1124	1125	1127	rVB	52118	60763	1.52%	0.170%
32	14.514	1129	1131	1133	rVV	121818	124908	3.12%	0.350%
33	14.674	1143	1145	1149	rBV2	189618	311750	7.80%	0.874%
34	14.902	1163	1165	1168	rBV	336529	444037	11.10%	1.245%

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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

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35	15.131	1182	1185	1188	rBV	215953	281954	7.05%	0.791%
36	15.314	1199	1201	1203	rBV	83400	130076	3.25%	0.365%
37	15.360	1203	1205	1207	rVB	68194	109196	2.73%	0.306%
38	15.931	1252	1255	1258	rBV	124135	194884	4.87%	0.547%
39	16.514	1303	1306	1308	rBV3	58069	132503	3.31%	0.372%
40	16.754	1324	1327	1330	rBV2	61017	139574	3.49%	0.391%
41	16.925	1339	1342	1346	rVB3	64875	138495	3.46%	0.388%
42	17.108	1355	1358	1366	rBV2	175353	448614	11.22%	1.258%
43	18.068	1439	1442	1453	rVB4	73823	253396	6.34%	0.711%

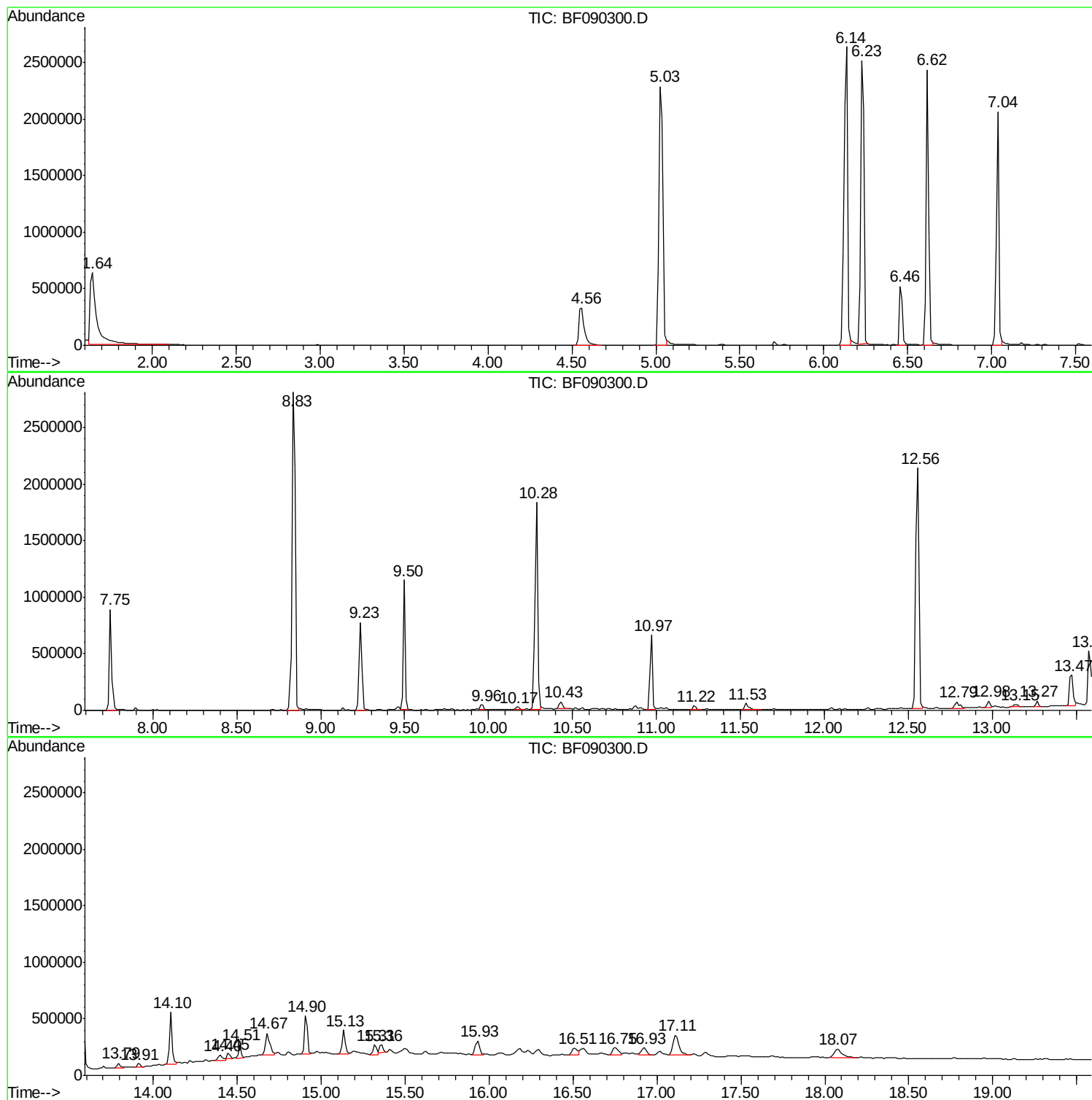
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
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ClientSampled :
MSP-BPM

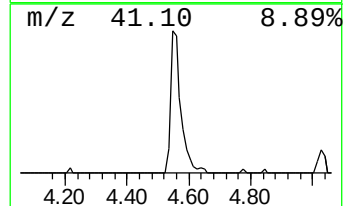
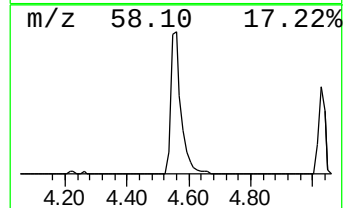
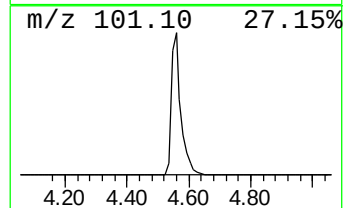
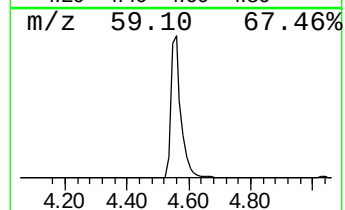
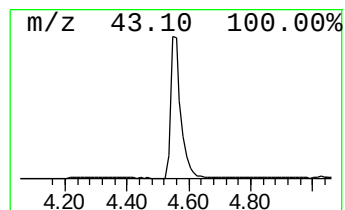
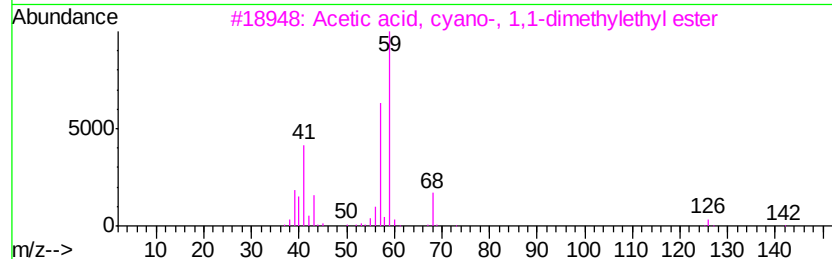
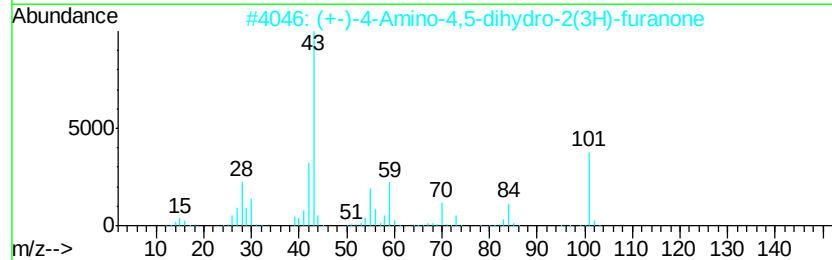
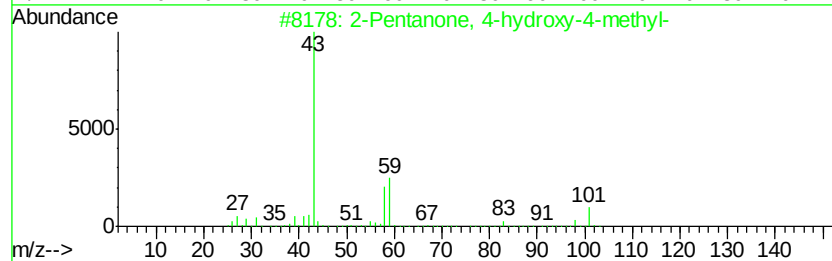
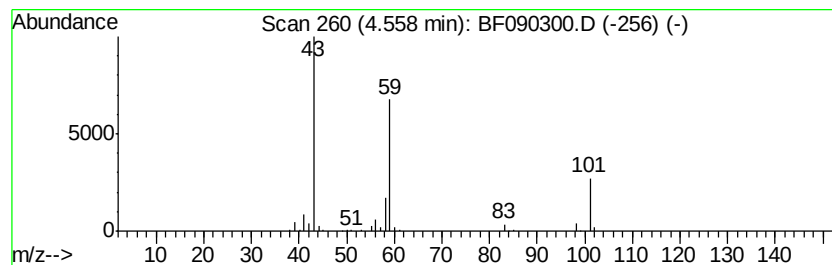
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	21.97 ng	734905	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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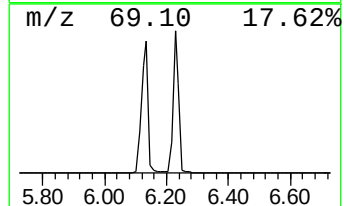
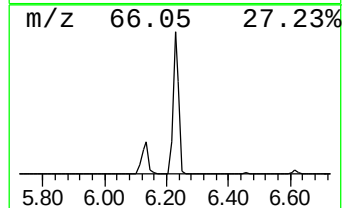
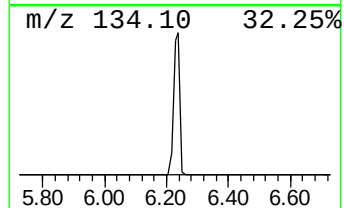
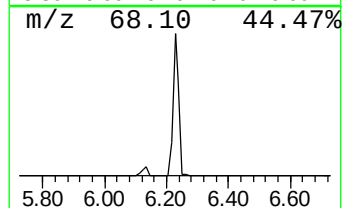
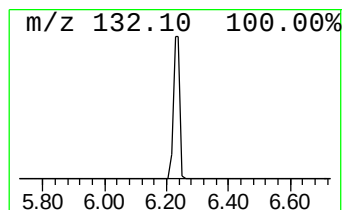
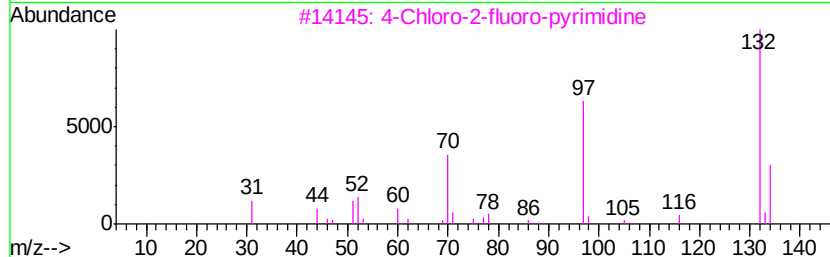
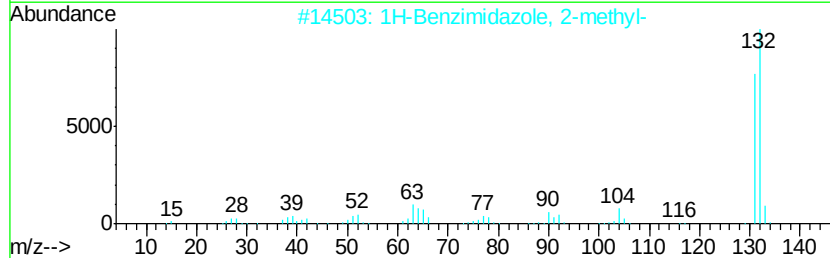
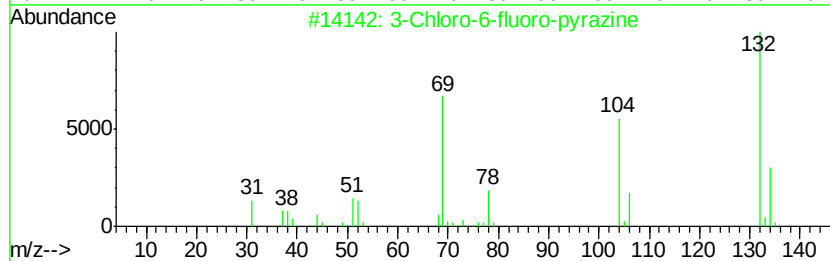
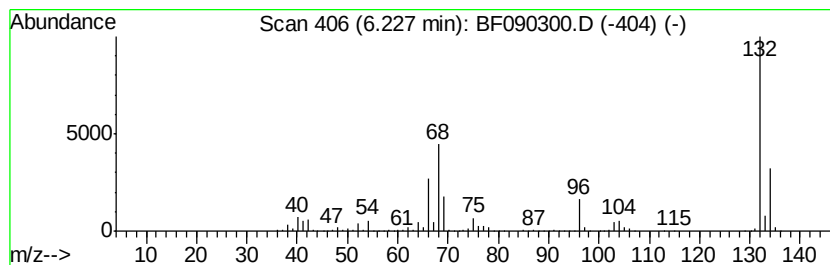
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	104.73 ng	3503220	1,4-Dichlorobenzene-d4	6.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	10
3	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9



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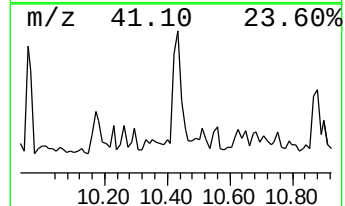
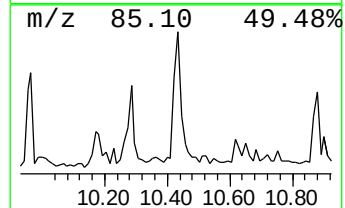
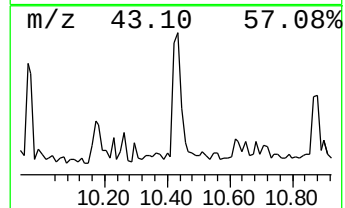
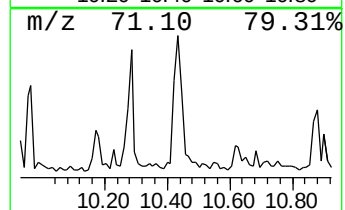
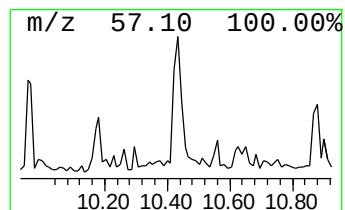
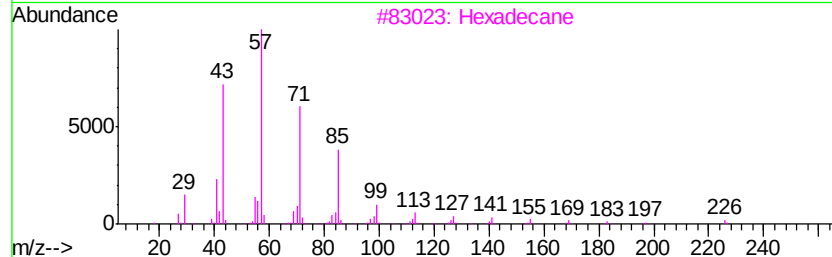
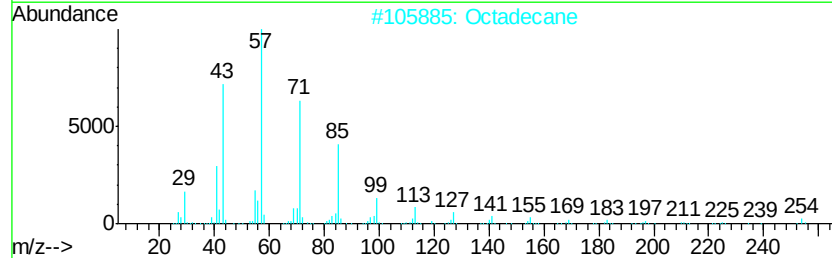
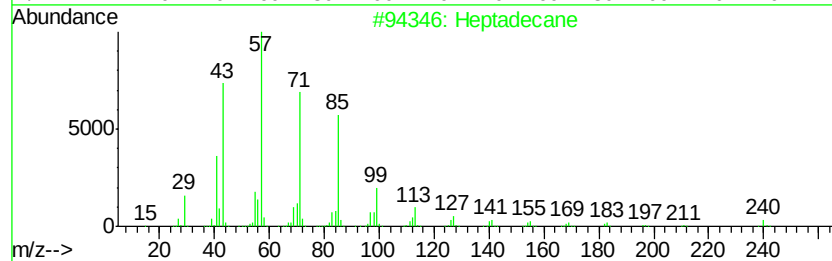
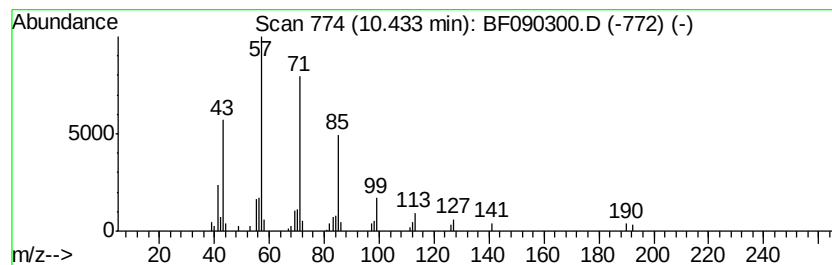
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.83 ng	98589	Phenanthrene-d10	10.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Octadecane		254	C18H38	000593-45-3	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Hexacosane		366	C26H54	000630-01-3	86
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



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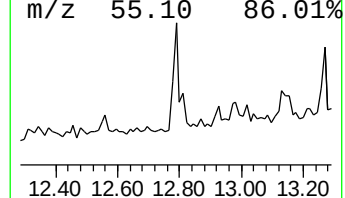
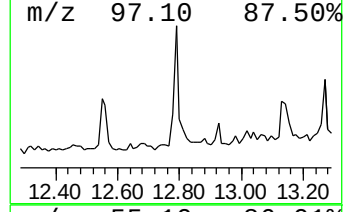
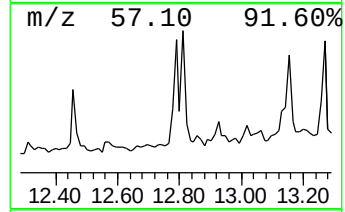
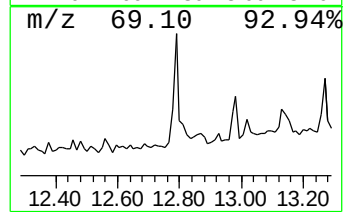
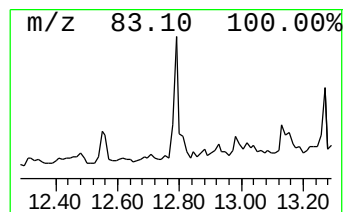
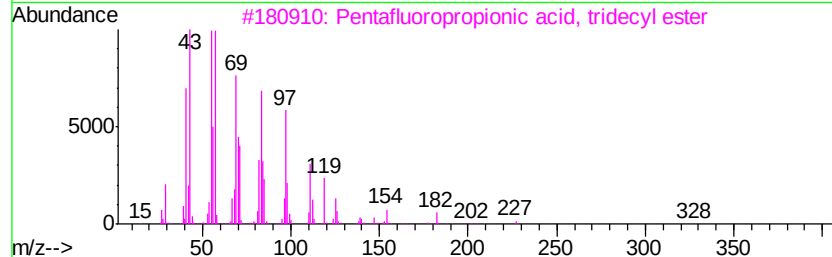
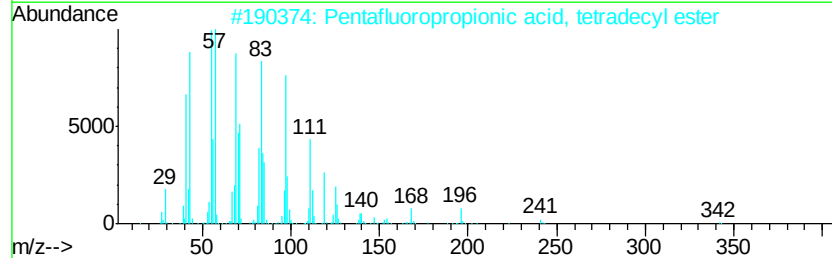
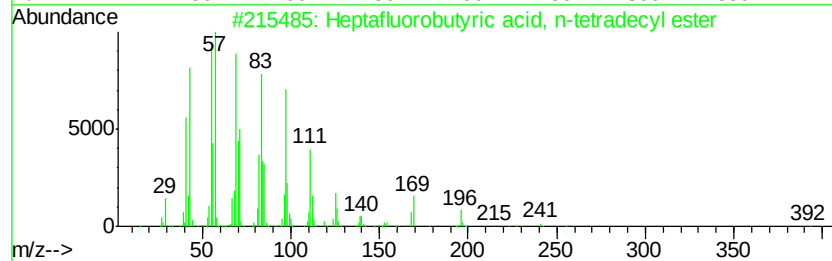
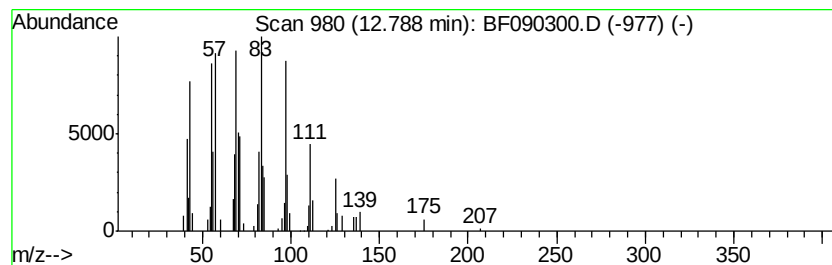
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heptafluorobutyric acid, n-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.02 ng	95257	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
3		Pentafluoropropionic acid, tridec...	346	C16H27F5O2	959261-22-4	91
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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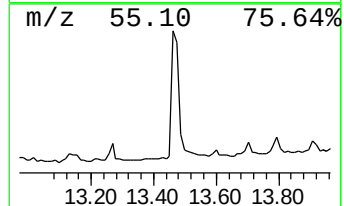
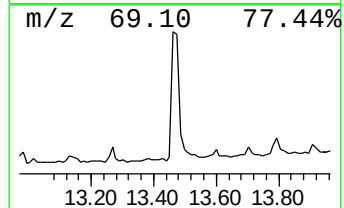
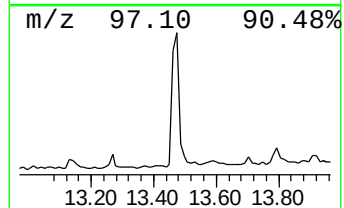
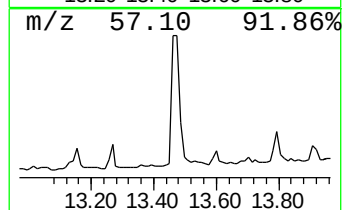
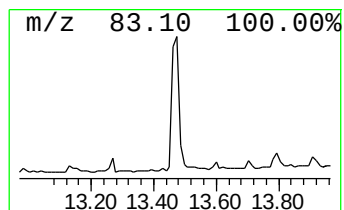
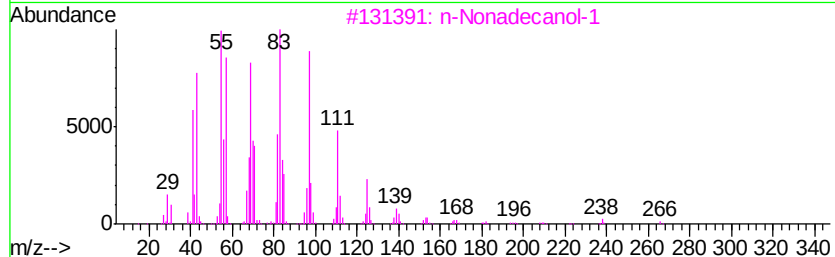
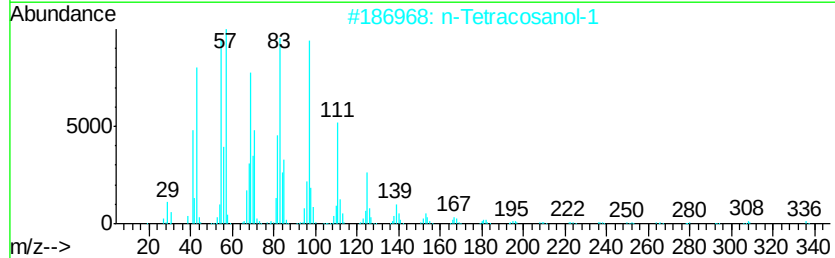
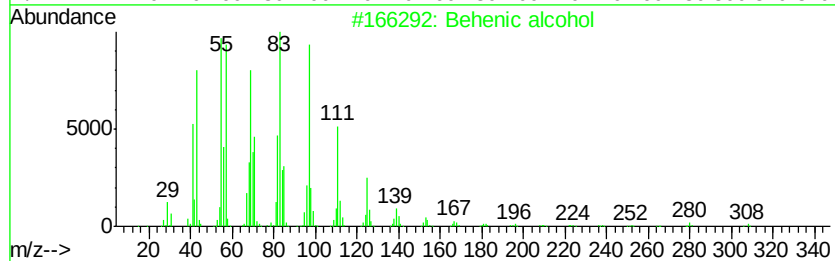
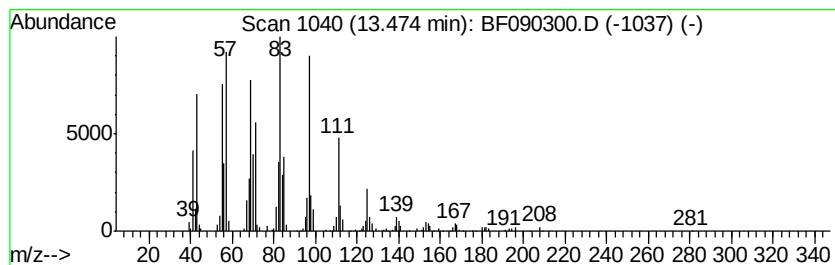
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Peak Number 7 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	13.39 ng	422277	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
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Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

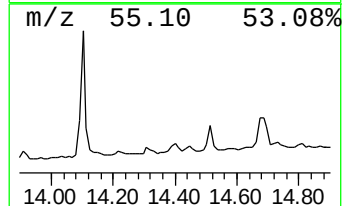
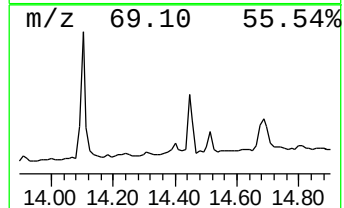
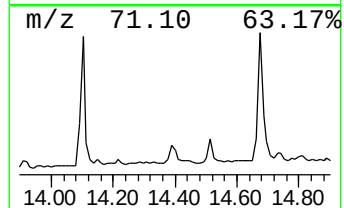
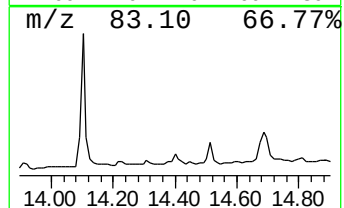
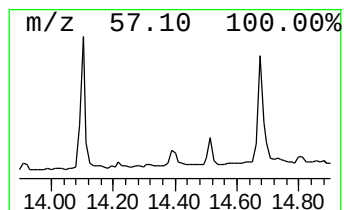
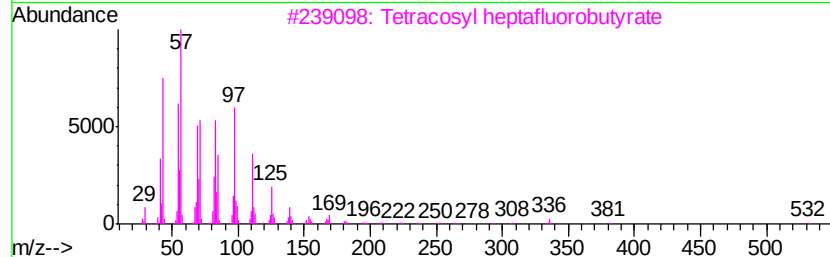
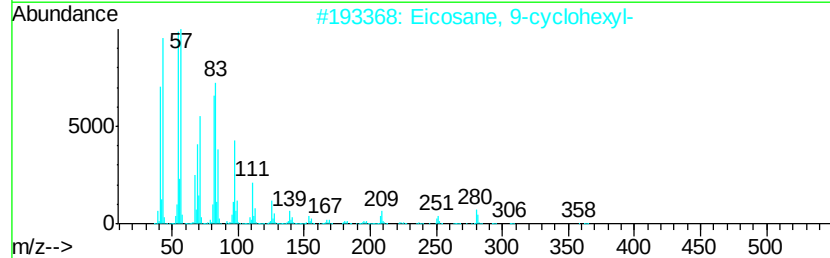
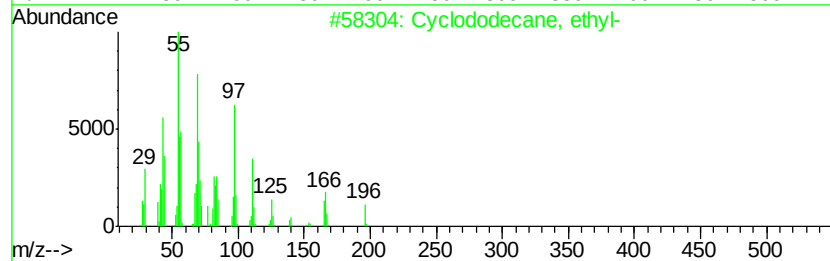
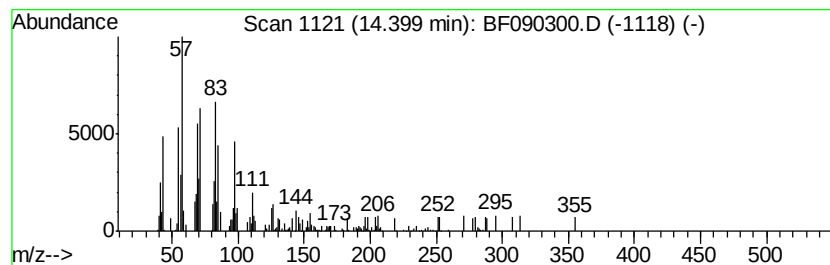
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclododecane, ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.40	3.86 ng	85764	Perylene-d12	14.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane, ethyl-	196	C14H28	028981-49-9	92
2	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	83
3	Tetracosyl heptafluorobutyrat	550	C28H49F7O2	1000351-83-7	76
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	68
5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
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Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
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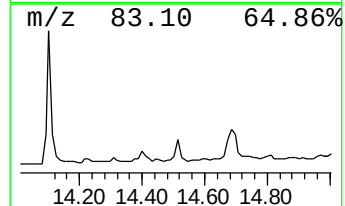
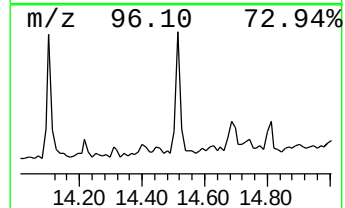
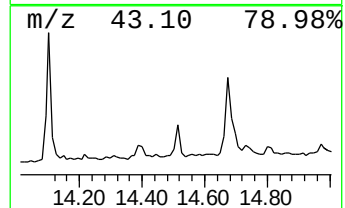
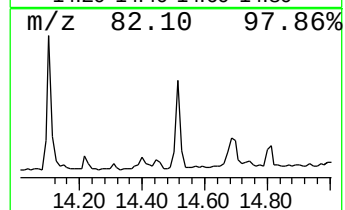
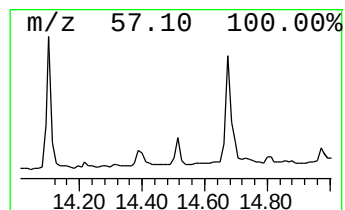
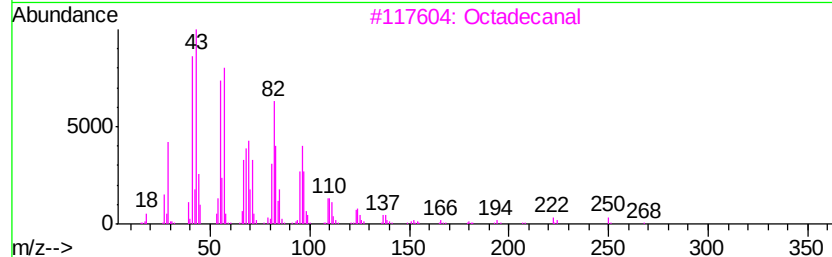
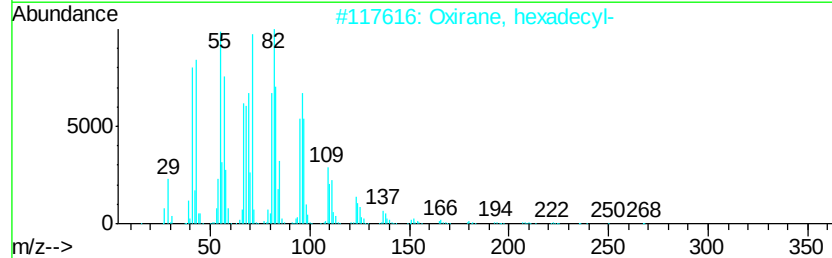
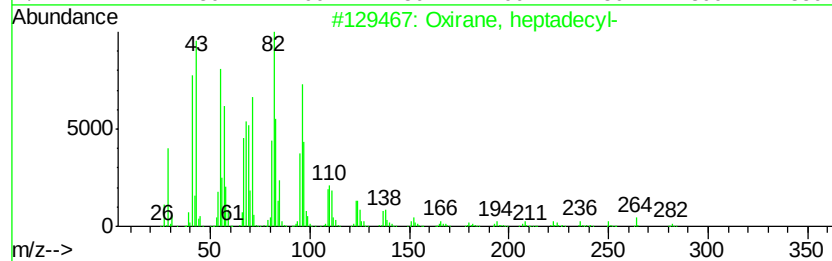
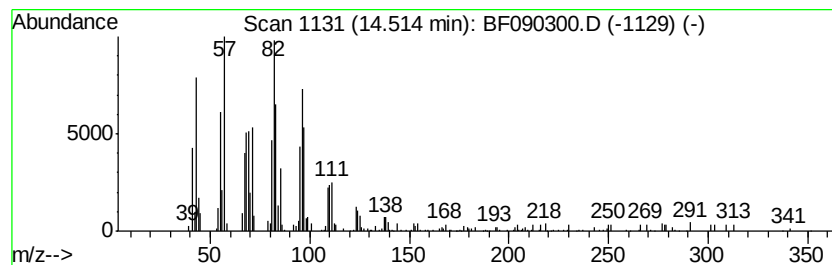
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxirane, heptadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.51	5.63 ng	124908	Perylene-d12		14.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	90
4	1,13-Tetradecadiene	194	C14H26	021964-49-8	83
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

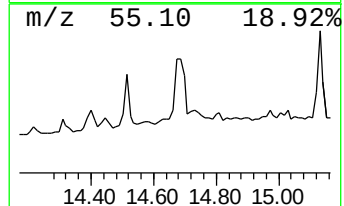
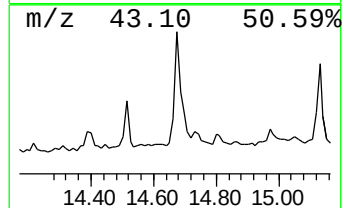
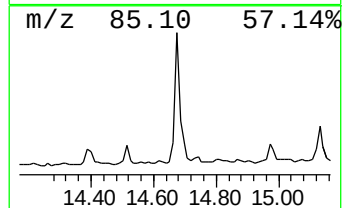
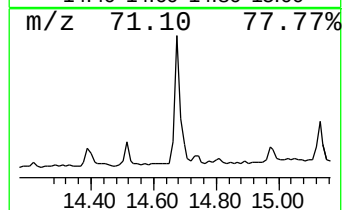
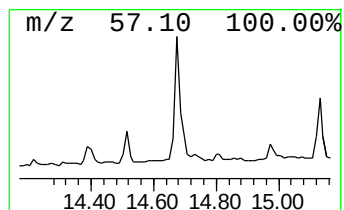
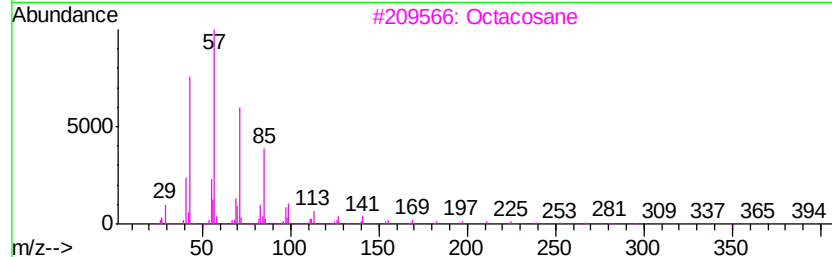
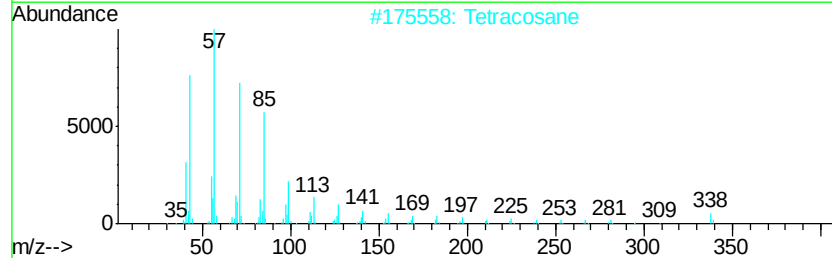
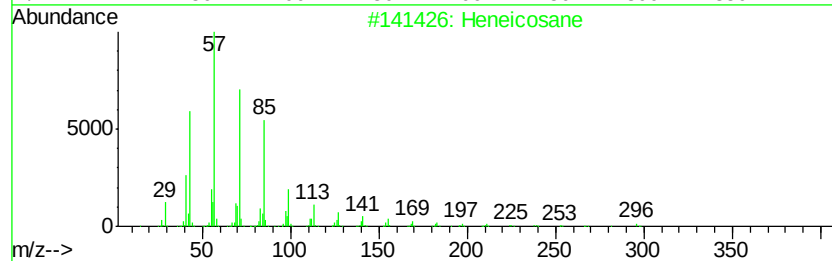
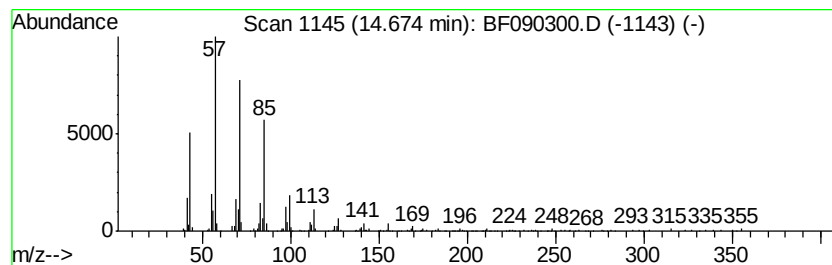
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	14.04 ng	311750	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Nonadecane	268	C19H40	000629-92-5	86
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

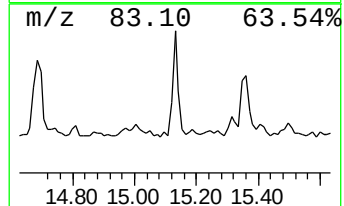
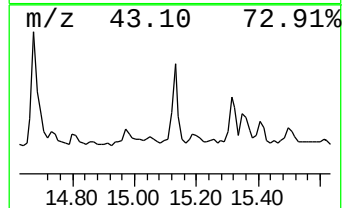
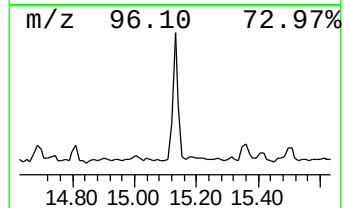
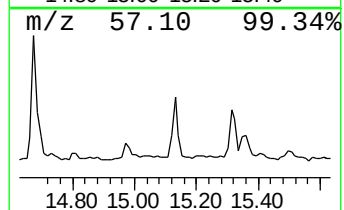
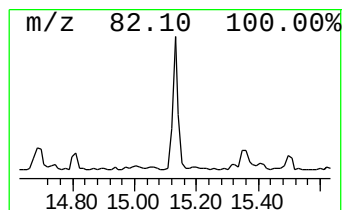
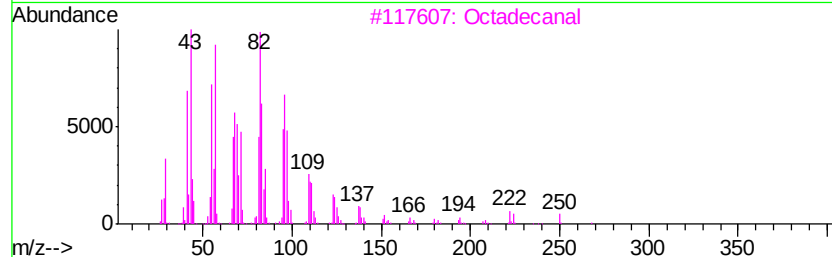
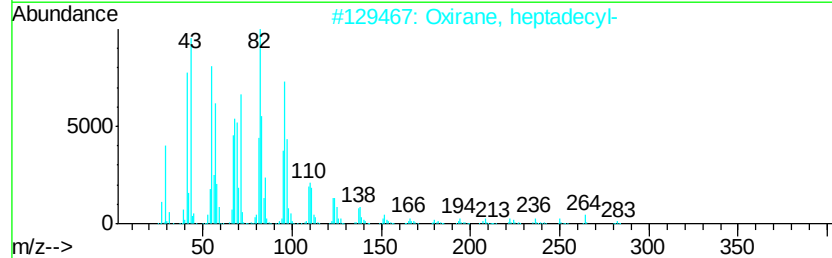
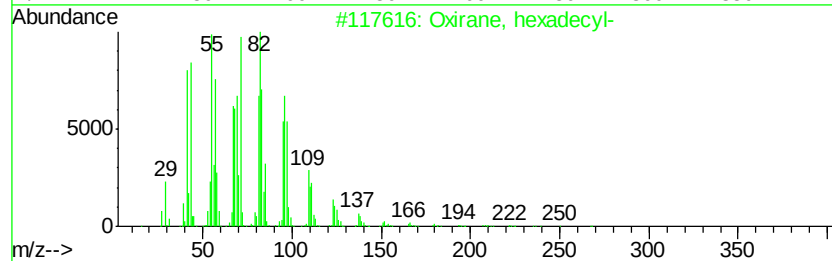
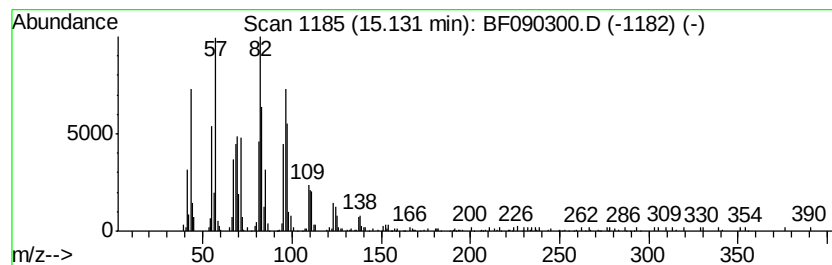
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	12.70 ng	281954	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Pentadecanal-	226	C15H30O	002765-11-9	74
5		1,19-Eicosadiene	278	C20H38	014811-95-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
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Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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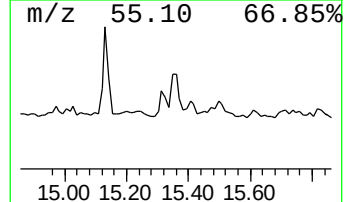
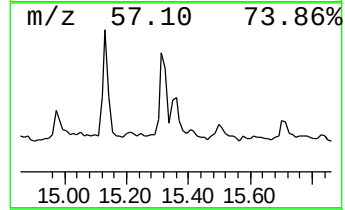
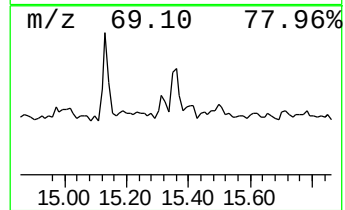
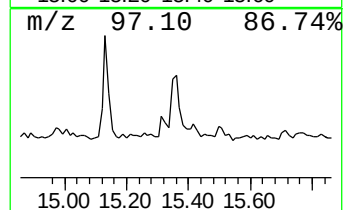
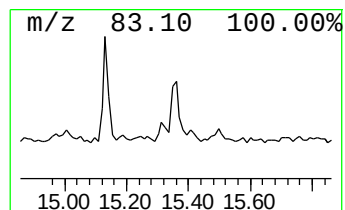
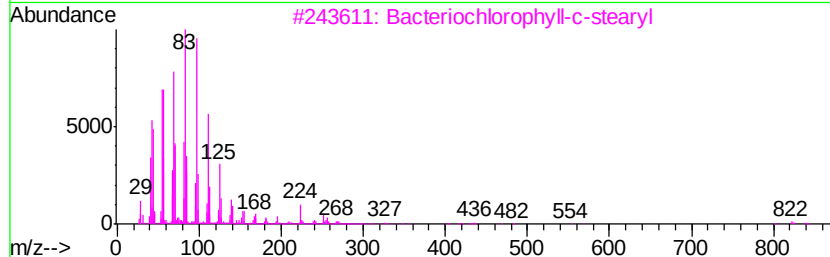
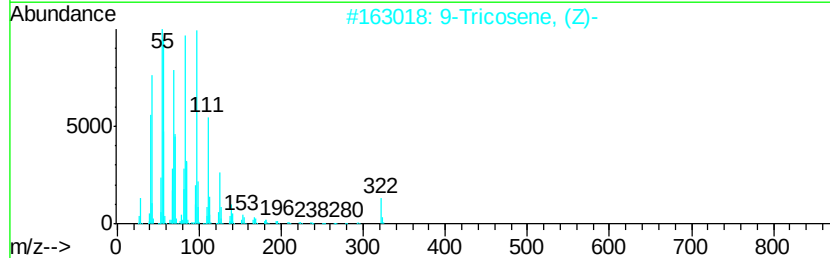
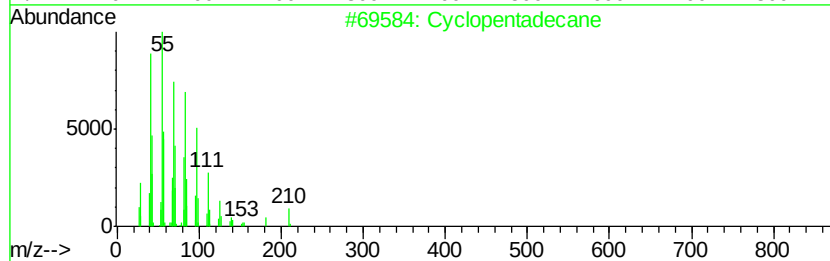
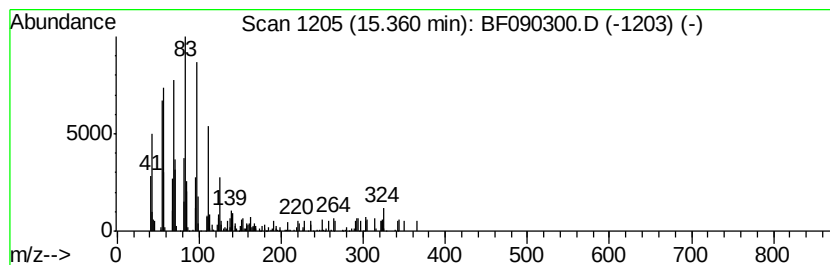
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.92 ng	109196	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	90
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5		1-Octadecanol	270	C18H38O	000112-92-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
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Misc :
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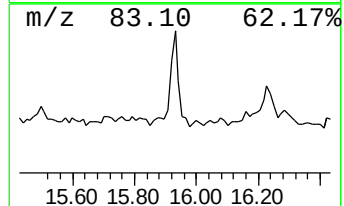
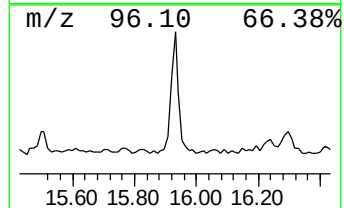
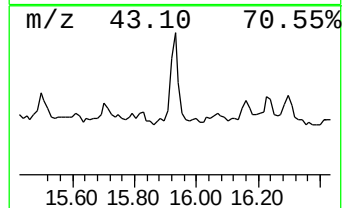
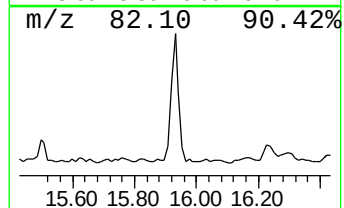
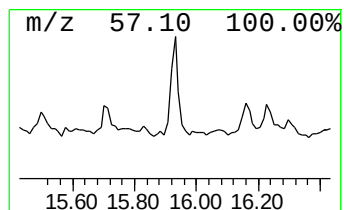
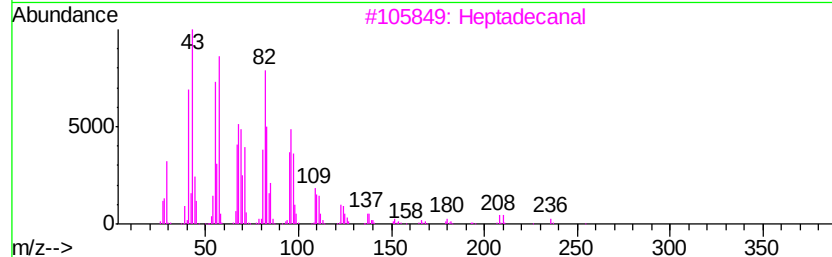
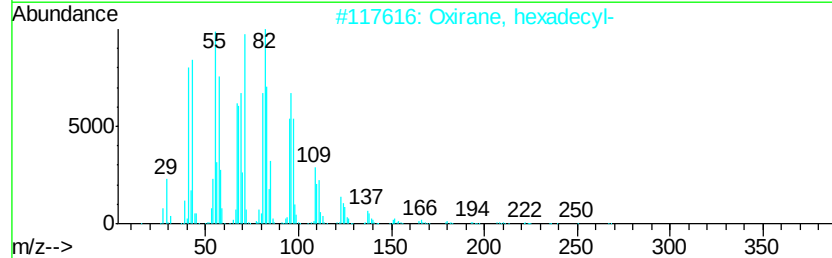
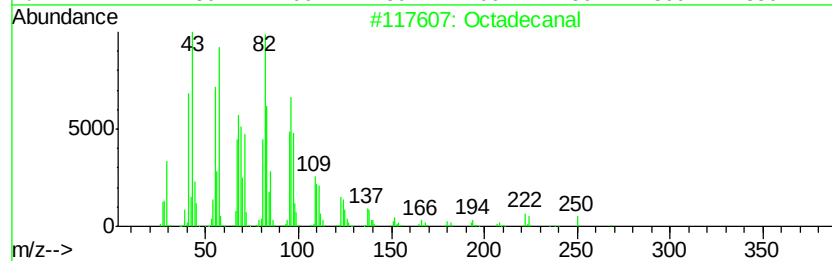
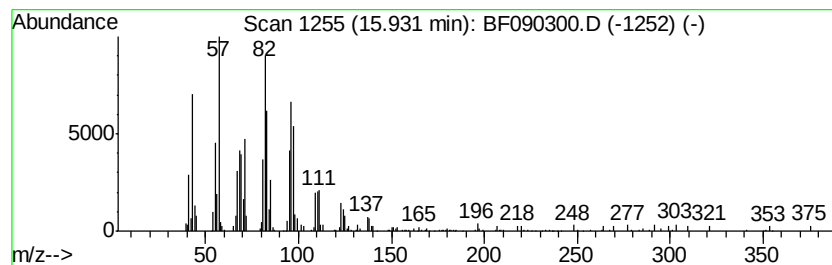
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	8.78 ng	194884	Perylene-d12	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Heptadecanal	254	C17H34O	1000376-70-0	91
4			13-Octadecenal	266	C18H34O	056554-90-6	90
5			12-Octadecenal	266	C18H34O	056554-91-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
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Acq On : 29 Sep 2016 20:11
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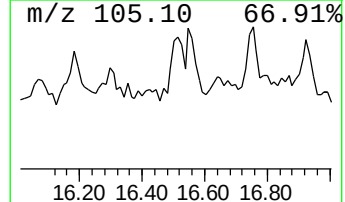
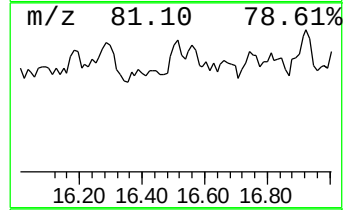
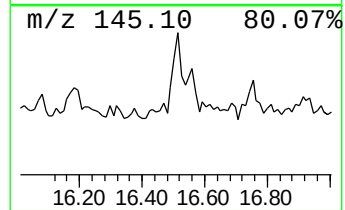
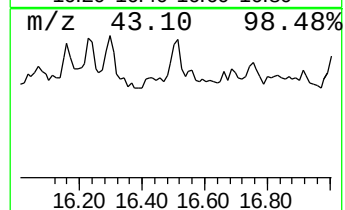
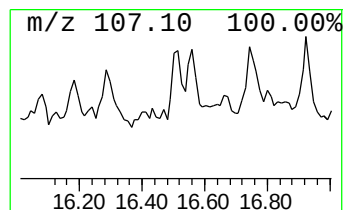
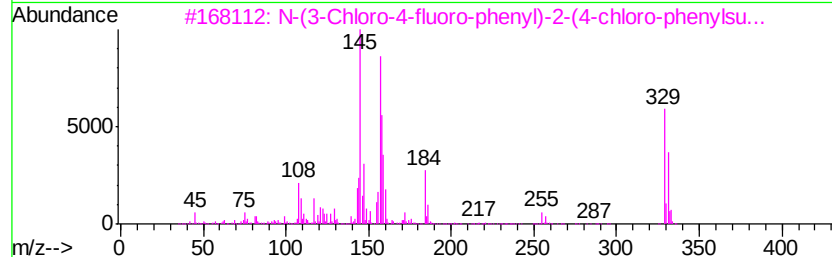
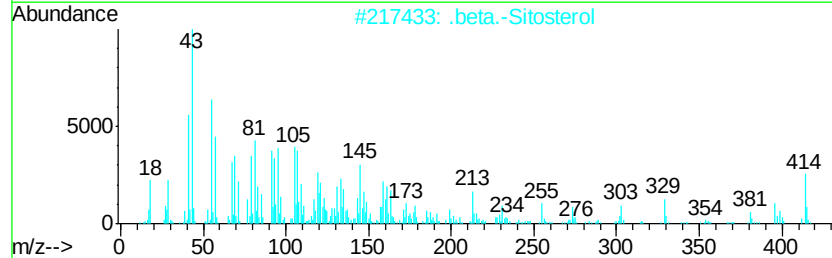
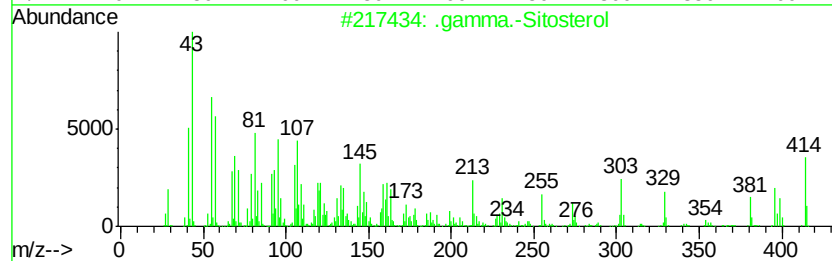
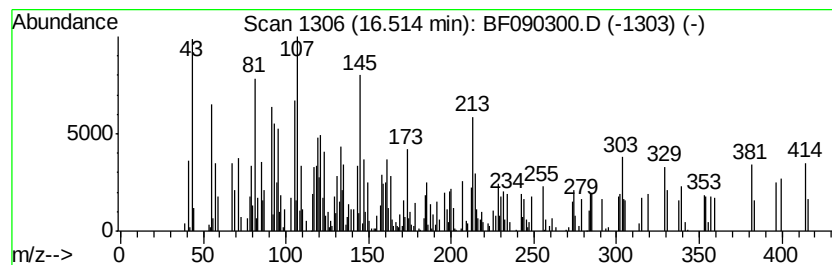
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.51	5.97 ng	132503	Perylene-d12	14.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	62
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	46
3	N-(3-Chloro-4-fluoro-phenyl)-2-(...	329	C14H10Cl2FNOS	1000295-12-7	14
4	Glutaric acid monoamide, N-4-met...	339	C20H21N04	339246-76-3	14
5	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

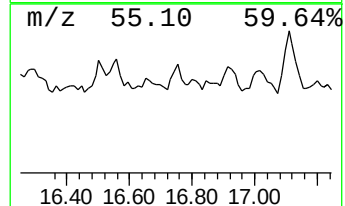
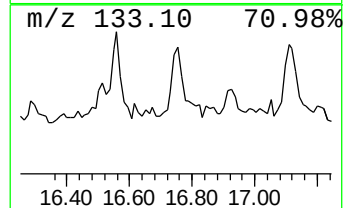
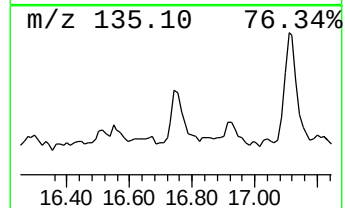
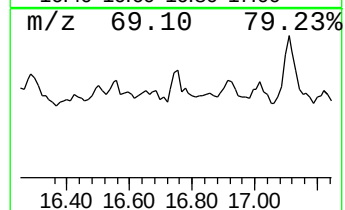
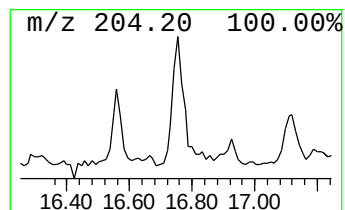
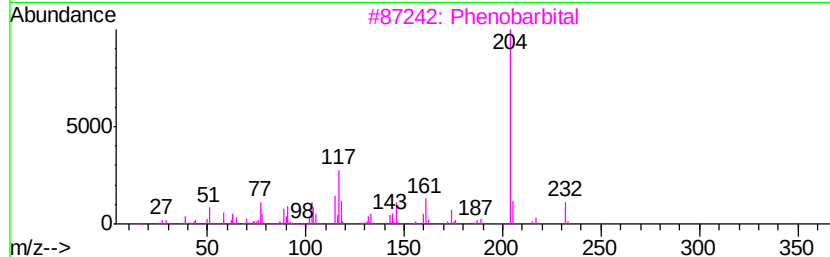
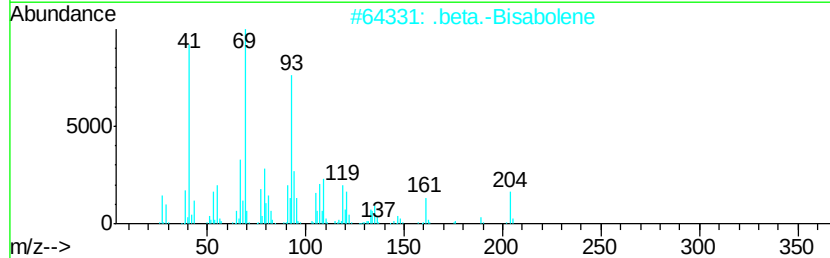
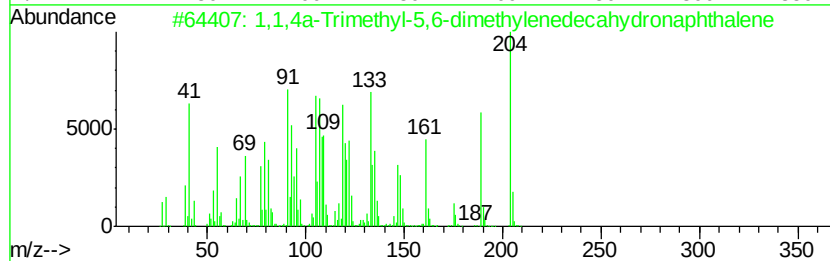
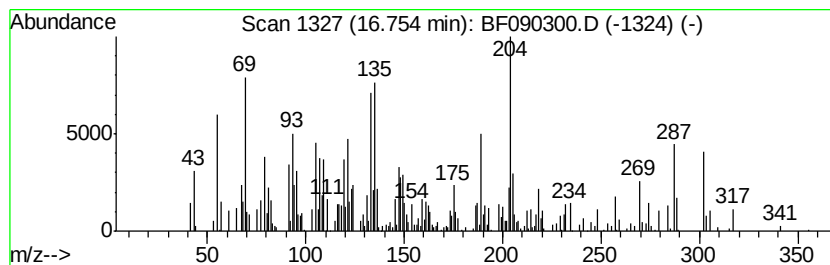
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	6.29 ng	139574	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
2		.beta.-Bisabolene	204	C15H24	000495-61-4	30
3		Phenobarbital	232	C12H12N2O3	000050-06-6	25
4		1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	25
5		Farnesyl bromide	284	C15H25Br	006874-67-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

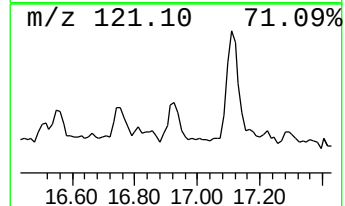
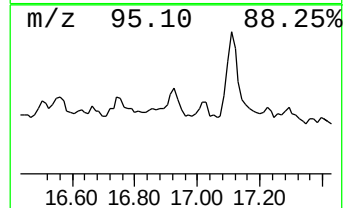
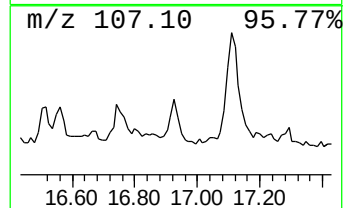
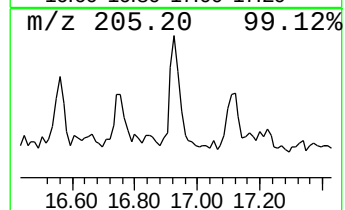
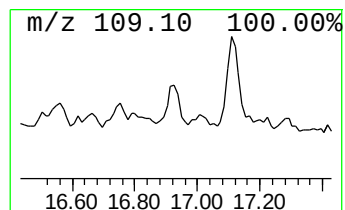
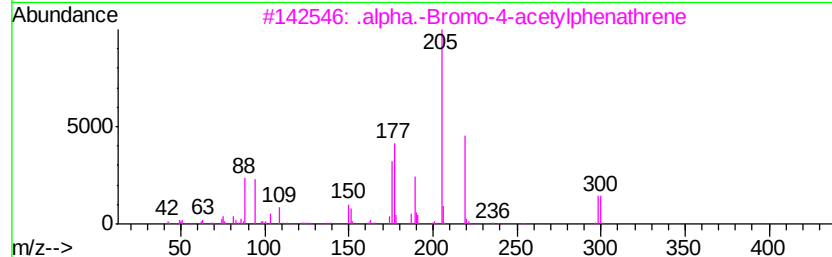
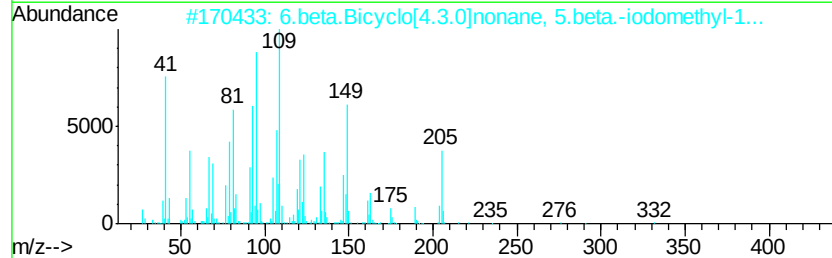
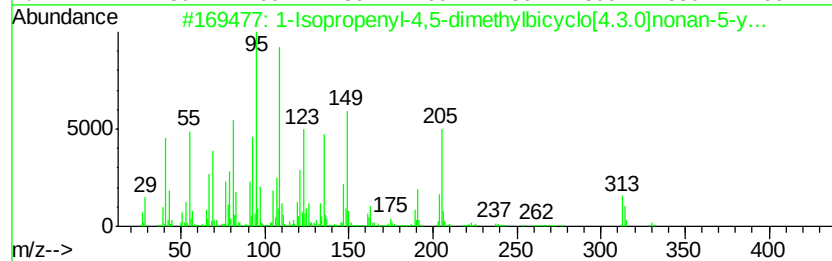
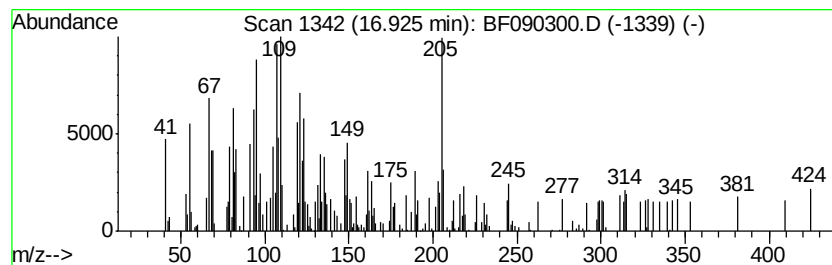
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	6.24 ng	138495	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenyl-4,5-dimethylbicyclo...	330	C21H30OS	1000195-85-4	38
2		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	35
3		.alpha.-Bromo-4-acetylphenathrene	298	C16H11BrO	026698-37-3	15
4		1,1,4a,6-Tetramethyl-5-(phenylth...	314	C21H30S	155191-62-1	14
5		9-Borabicyclo[3.3.1]nonane, 9-pi...	205	C13H24BN	022516-42-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

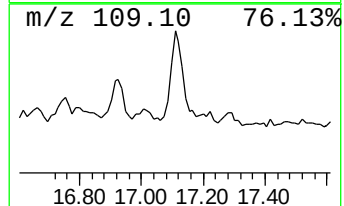
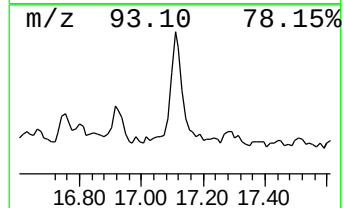
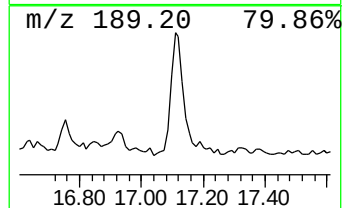
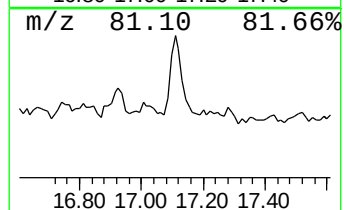
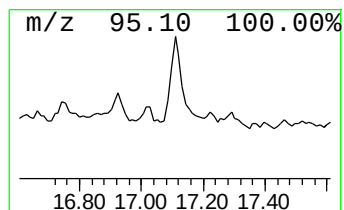
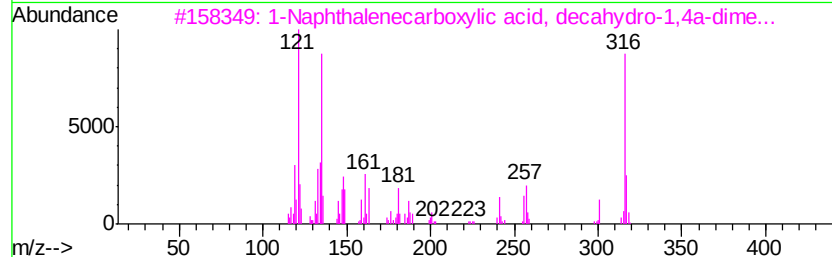
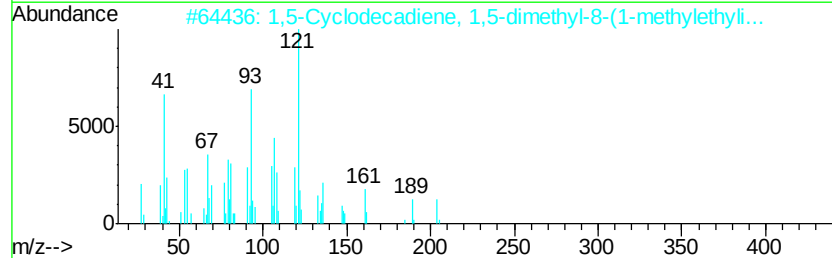
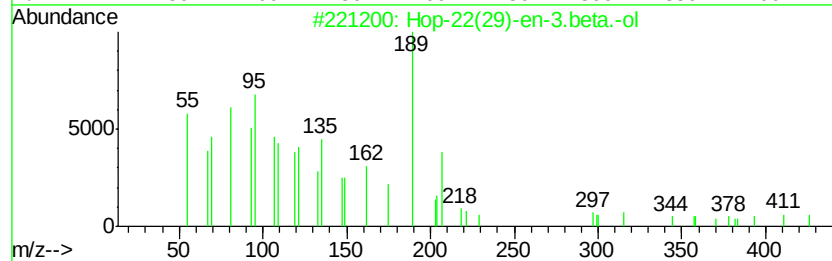
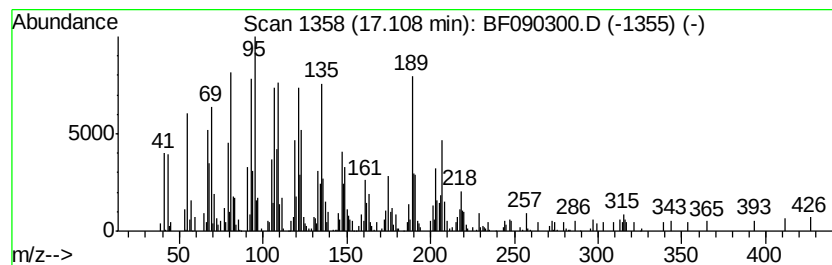
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	20.21 ng	448614	Perylene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	87
2		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	46
3		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	46
4		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45
5		4-(2', 4', 4'-trimethyl-yciclo[4...	204	C14H20O	1000373-94-4	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090300.D
Acq On : 29 Sep 2016 20:11
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

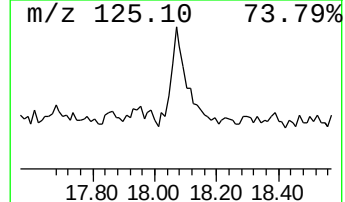
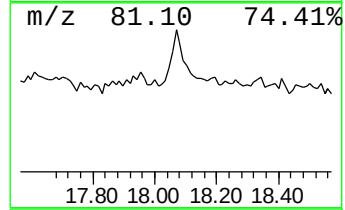
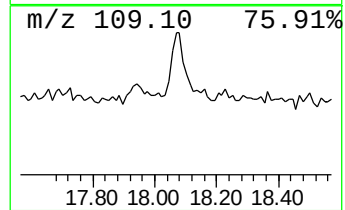
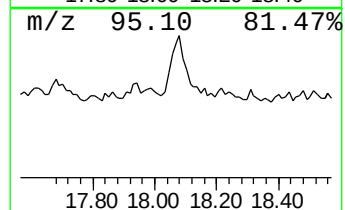
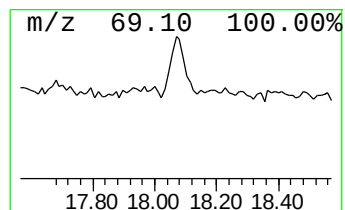
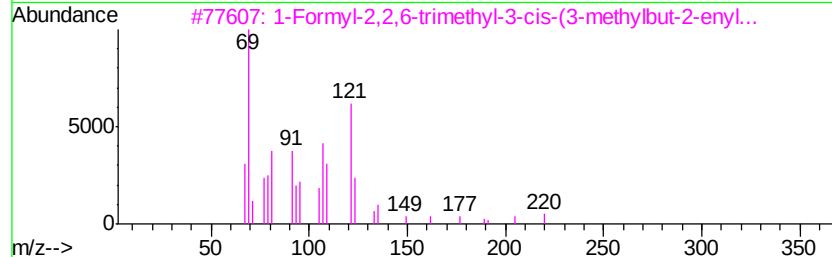
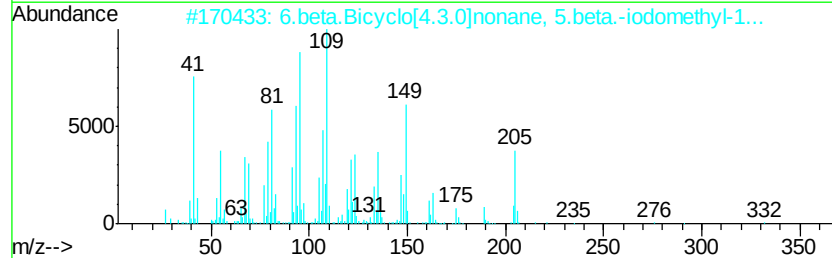
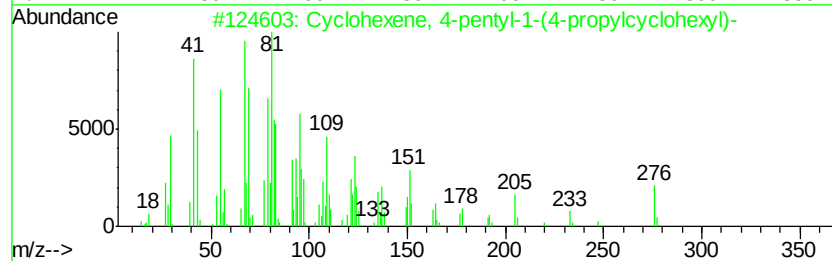
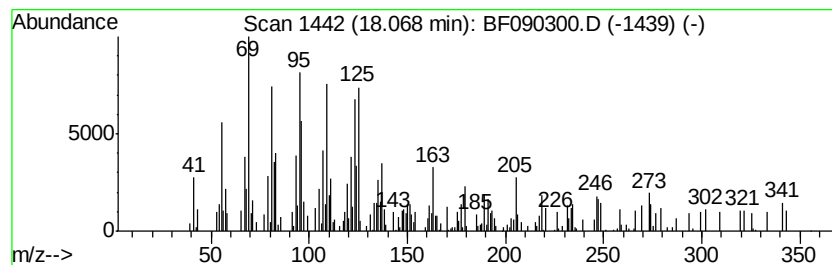
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexene, 4-pentyl-1-(4-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	11.41 ng	253396	Perylene-d12	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-pentyl-1-(4-propyl-...	276	C20H36	108067-17-0	64
2			6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	42
3			1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	35
4			Caparratriene	206	C15H26	1000374-08-7	25
5			1,4-Methanoazulen-7(1H)-one, oct...	220	C15H24O	018319-28-3	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090300.D
 Acq On : 29 Sep 2016 20:11
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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...	4.56	22.0	ng	734905	1	6.46	669007	20.0
unknown6.23	6.23	104.7	ng	3503220	1	6.46	669007	20.0
Heptadecane	10.43	2.8	ng	98589	4	10.97	697117	20.0
Heptafluorobutyri...	12.79	3.0	ng	95257	5	13.58	630713	20.0
Behenic alcohol	13.47	13.4	ng	422277	5	13.58	630713	20.0
Cyclododecane, et...	14.40	3.9	ng	85764	6	14.90	444037	20.0
Oxirane, heptadecyl-	14.51	5.6	ng	124908	6	14.90	444037	20.0
Heneicosane	14.67	14.0	ng	311750	6	14.90	444037	20.0
Oxirane, hexadecyl-	15.13	12.7	ng	281954	6	14.90	444037	20.0
Cyclopentadecane	15.36	4.9	ng	109196	6	14.90	444037	20.0
Octadecanal	15.93	8.8	ng	194884	6	14.90	444037	20.0
.gamma.-Sitosterol	16.51	6.0	ng	132503	6	14.90	444037	20.0
unknown16.75	16.75	6.3	ng	139574	6	14.90	444037	20.0
unknown16.93	16.93	6.2	ng	138495	6	14.90	444037	20.0
Hop-22(29)-en-3.b...	17.11	20.2	ng	448614	6	14.90	444037	20.0
Cyclohexene, 4-pe...	18.07	11.4	ng	253396	6	14.90	444037	20.0