

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090312.D
 Acq On : 30 Sep 2016 13:22
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 3 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	1.632	3	4	61	rVB	3277300	9592187	100.00%	18.544%
2	4.536	256	258	270	rBV	437207	844300	8.80%	1.632%
3	5.016	297	300	302	rBV	2939624	3662158	38.18%	7.080%
4	6.113	393	396	399	rBV	2722590	3619034	37.73%	6.996%
5	6.216	402	405	408	rVV	2998744	3567959	37.20%	6.898%
6	6.444	423	425	428	rBV	672518	730874	7.62%	1.413%
7	6.604	436	439	442	rBV	2887985	2841667	29.62%	5.494%
8	7.027	473	476	478	rBV	2197234	2543789	26.52%	4.918%
9	7.736	535	538	541	rBV	1034701	1004419	10.47%	1.942%
10	8.822	629	633	636	rBV	3737285	4308921	44.92%	8.330%
11	9.222	665	668	670	rBV	1230688	1105246	11.52%	2.137%
12	9.485	688	691	693	rVB	1133624	1254747	13.08%	2.426%
13	10.273	756	760	762	rBV	2024773	2867859	29.90%	5.544%
14	10.410	770	772	778	rVB	121761	144722	1.51%	0.280%
15	10.948	816	819	822	rBV	1269925	1128671	11.77%	2.182%
16	11.519	867	869	878	rBV2	201192	221065	2.30%	0.427%
17	12.536	955	958	961	rBV	3090493	3786204	39.47%	7.320%
18	12.765	976	978	982	rBV2	80854	128090	1.34%	0.248%
19	12.959	992	995	997	rBV2	103363	102599	1.07%	0.198%
20	13.451	1035	1038	1041	rBV	580383	691921	7.21%	1.338%
21	13.554	1045	1047	1050	rBV	676451	922951	9.62%	1.784%
22	14.079	1090	1093	1099	rBV	784837	850999	8.87%	1.645%
23	14.491	1127	1129	1132	rVB	162409	149142	1.55%	0.288%
24	14.651	1140	1143	1147	rBV2	312694	532377	5.55%	1.029%
25	14.879	1160	1163	1166	rBV	651308	705968	7.36%	1.365%
26	15.097	1180	1182	1185	rBV	235643	357728	3.73%	0.692%
27	15.291	1195	1199	1200	rBV	123949	200848	2.09%	0.388%
28	15.325	1200	1202	1204	rVV	167402	263947	2.75%	0.510%
29	15.371	1204	1206	1209	rVV	71228	123990	1.29%	0.240%
30	15.885	1248	1251	1260	rVB	167528	297386	3.10%	0.575%
31	16.137	1268	1273	1275	rVV3	88473	231054	2.41%	0.447%
32	16.182	1275	1277	1280	rVV	103908	215949	2.25%	0.417%
33	16.240	1280	1282	1289	rVB2	77548	181494	1.89%	0.351%
34	16.457	1297	1301	1303	rBV2	128602	258260	2.69%	0.499%

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BNA_F
ClientSampleId :
MSP-BPM

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	16.503	1303	1305	1313	rVB3	83618	174523	1.82%	0.337%
36	16.697	1319	1322	1328	rBV	130089	314897	3.28%	0.609%
37	16.868	1334	1337	1341	rVB3	97431	210872	2.20%	0.408%
38	16.960	1341	1345	1349	rBV3	44976	137994	1.44%	0.267%
39	17.051	1349	1353	1360	rVV2	324335	826214	8.61%	1.597%
40	17.223	1365	1368	1374	rVB2	45314	125087	1.30%	0.242%
41	18.000	1431	1436	1444	rBV3	142858	498373	5.20%	0.963%

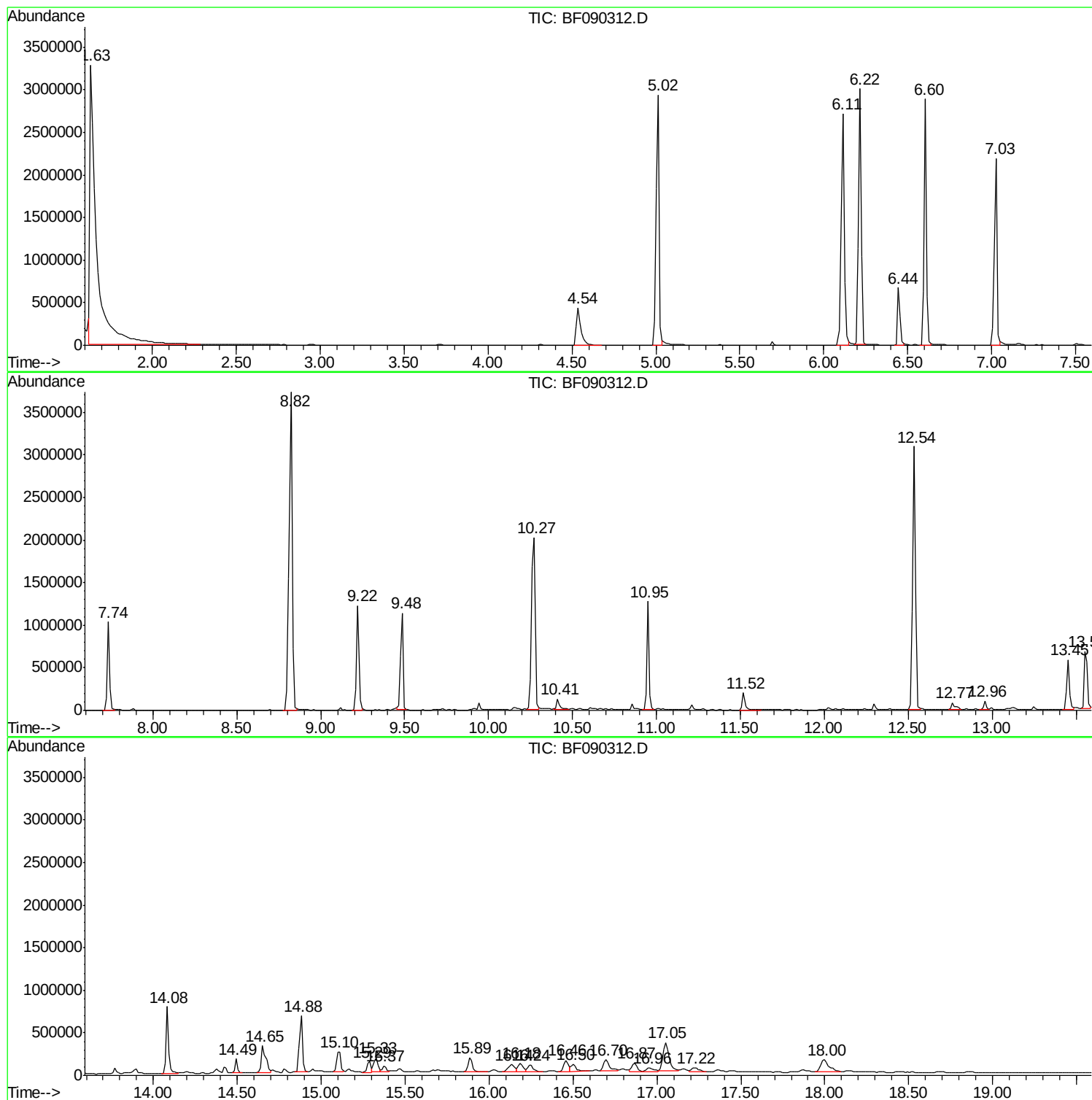
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BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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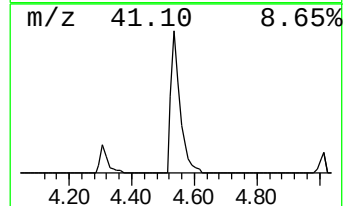
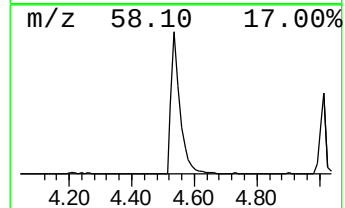
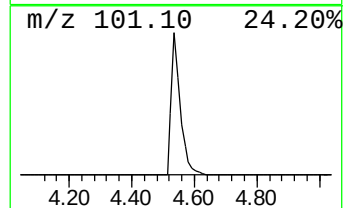
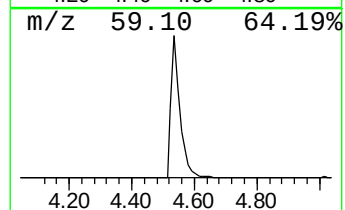
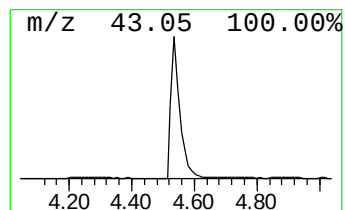
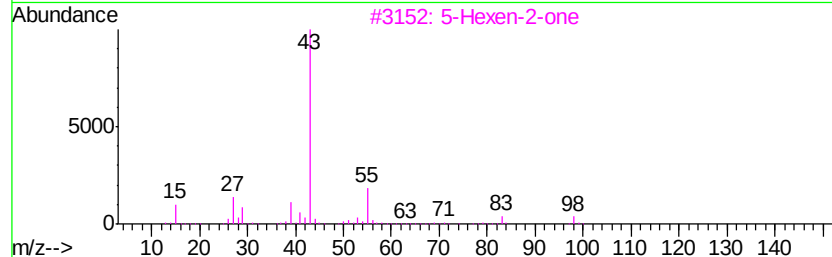
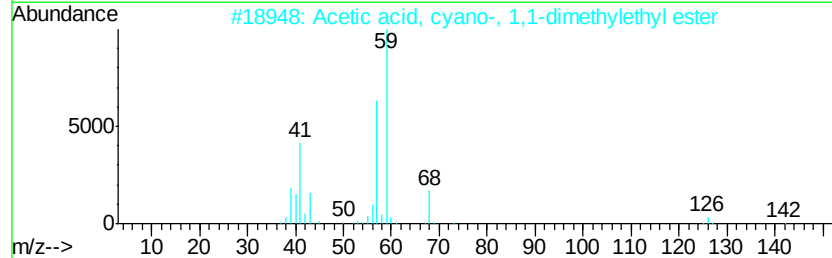
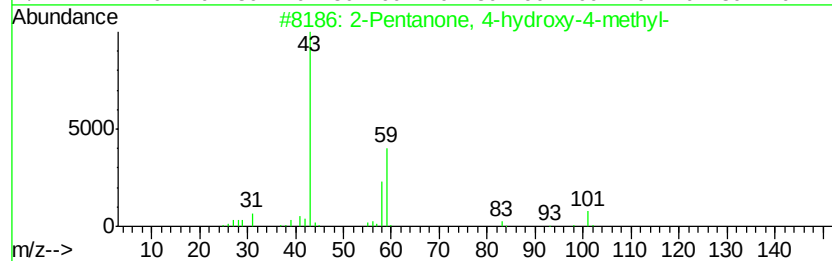
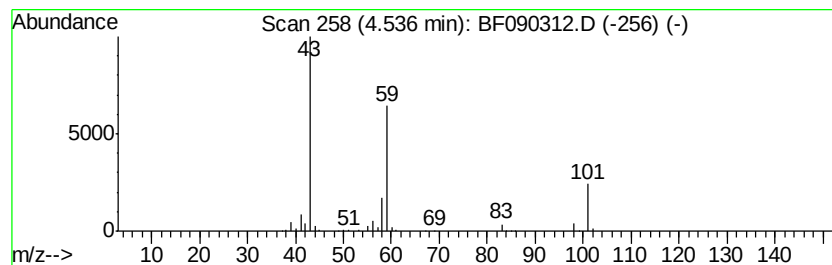
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	23.10 ng	844300	1,4-Dichlorobenzene-d4	6.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Guanidine	59	CH5N3	000113-00-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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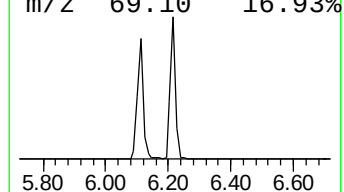
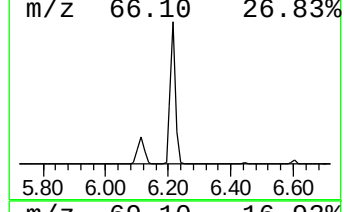
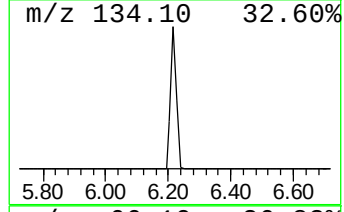
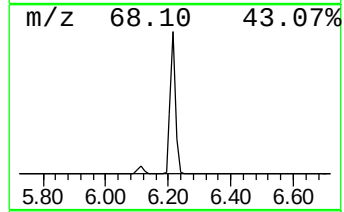
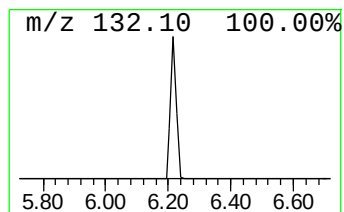
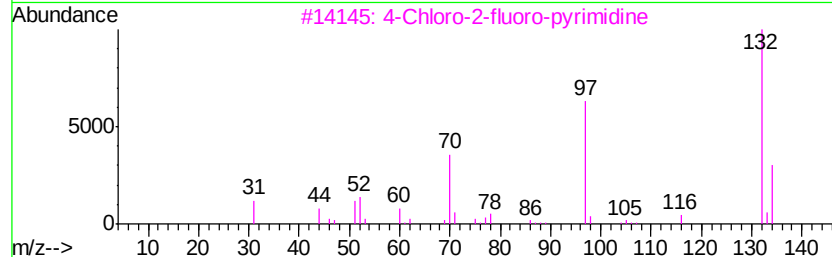
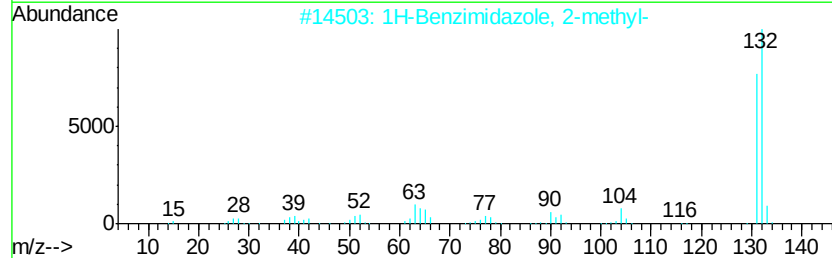
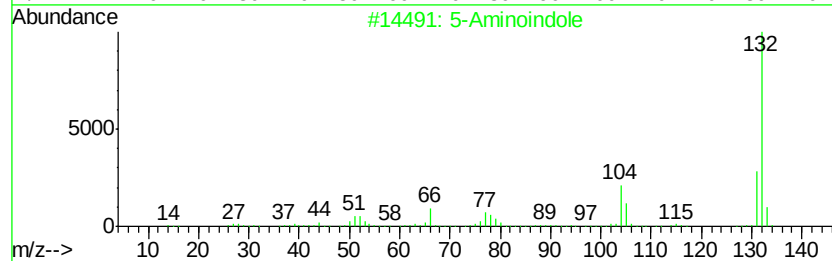
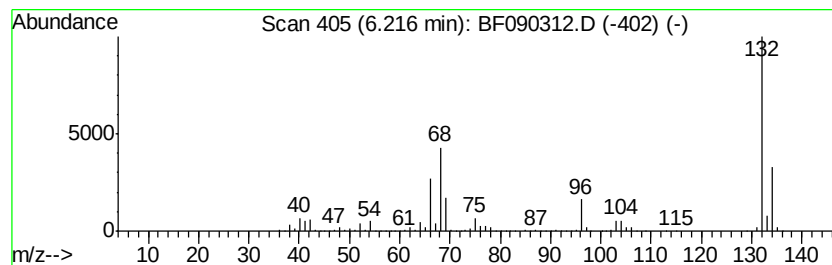
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	97.64 ng	3567960	1,4-Dichlorobenzene-d4	6.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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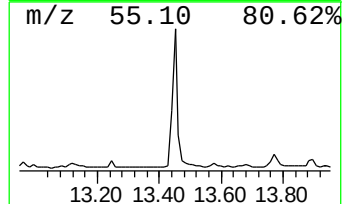
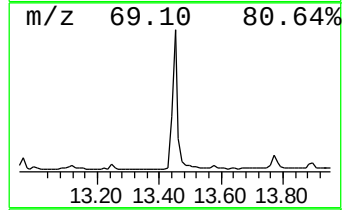
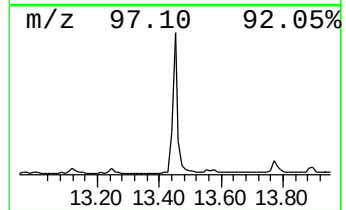
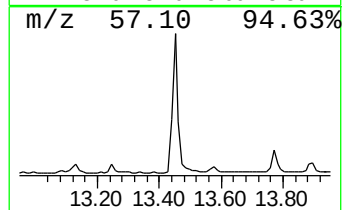
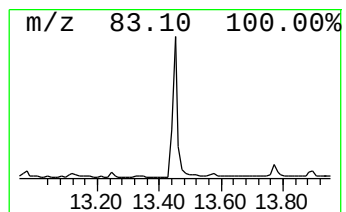
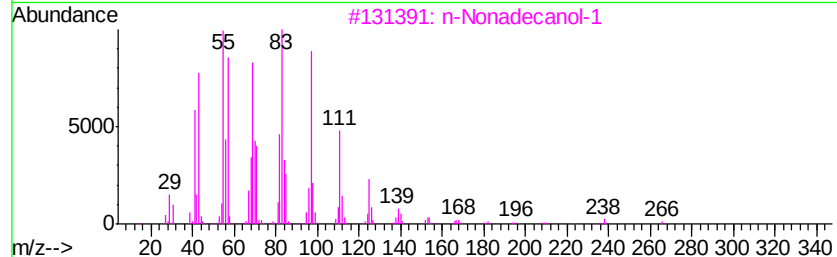
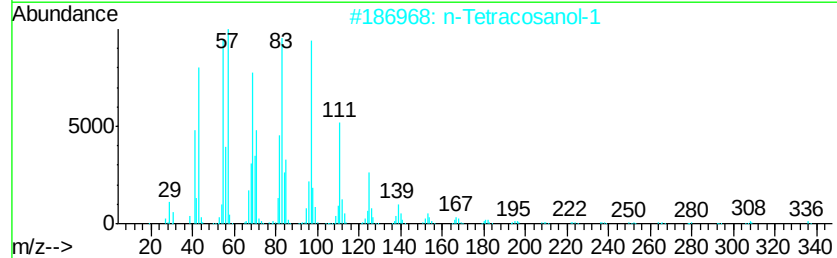
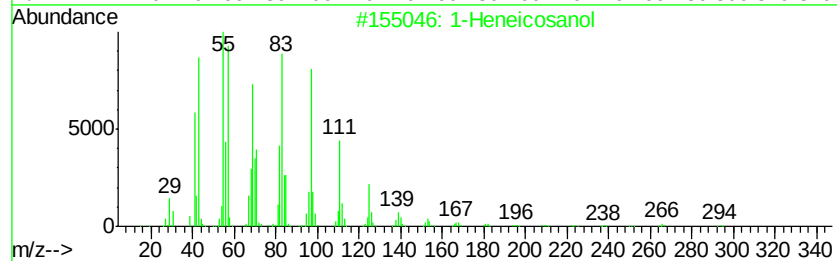
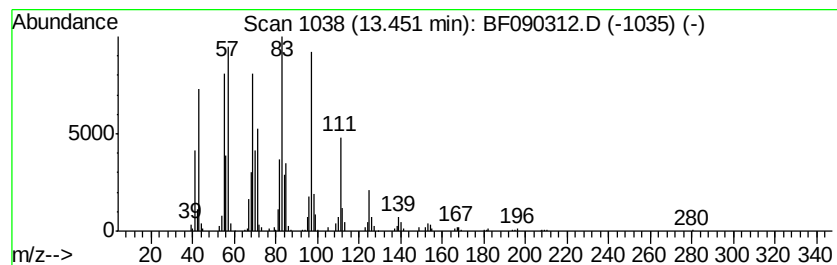
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.45	14.99 ng	691921	Chrysene-d12		13.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93



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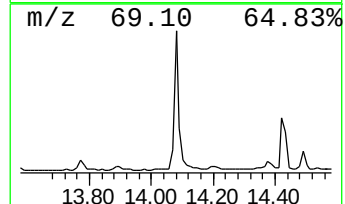
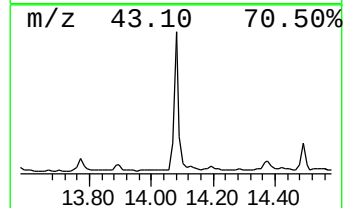
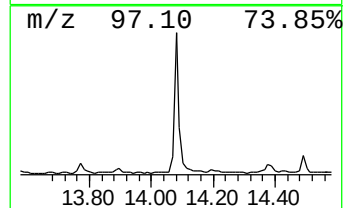
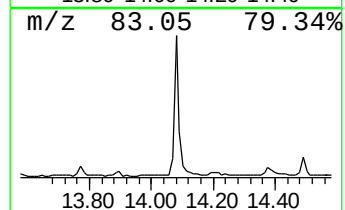
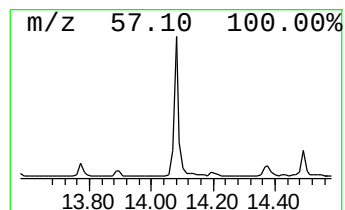
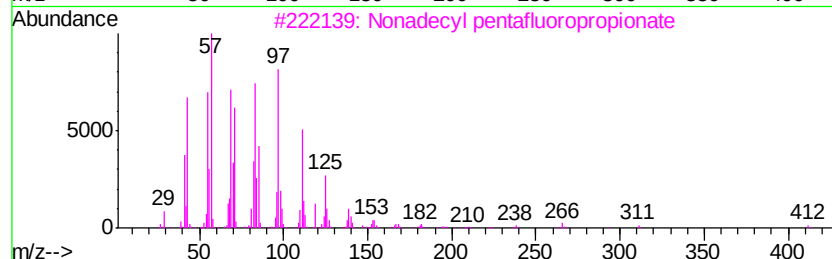
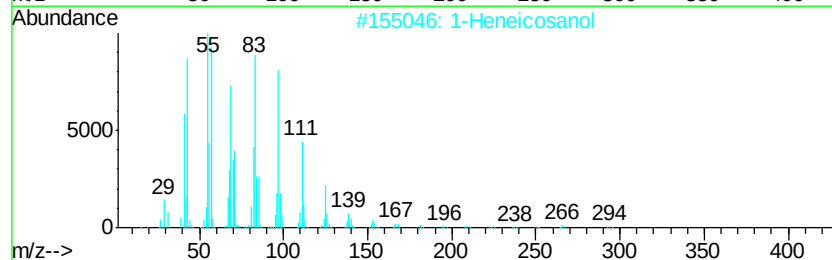
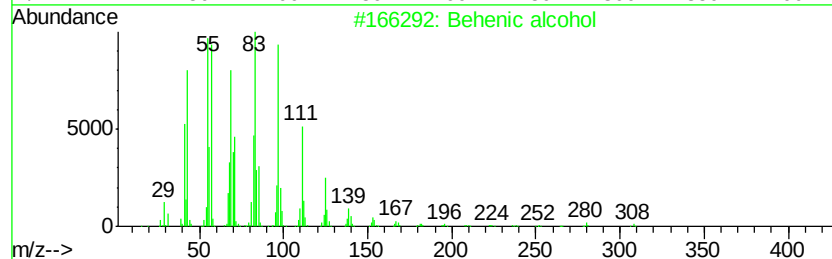
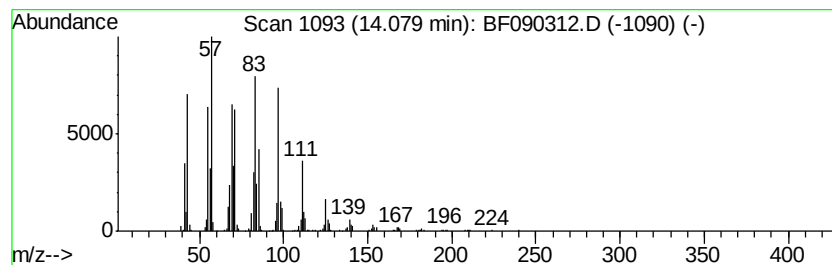
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.08	18.44 ng	850999	Chrysene-d12	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Cyclopentadecane	210	C15H30	000295-48-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090316\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

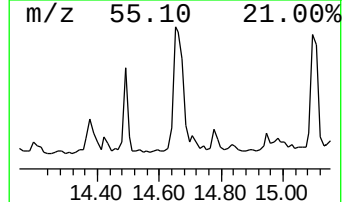
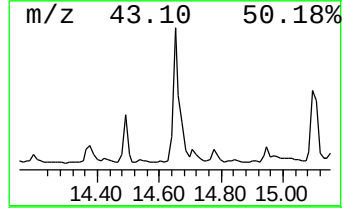
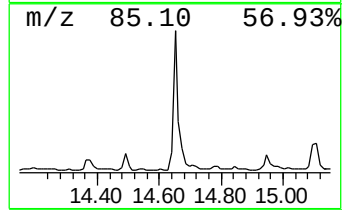
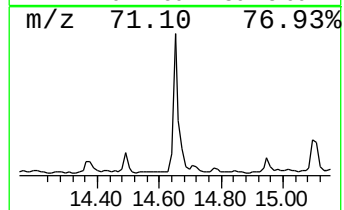
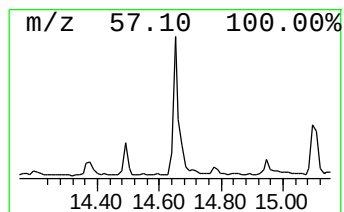
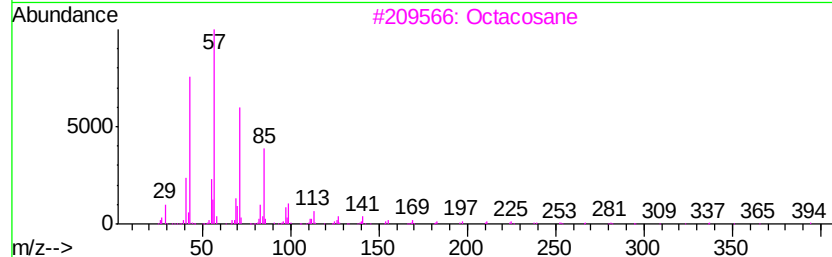
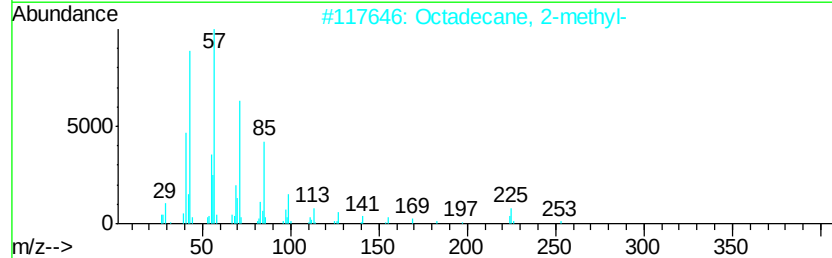
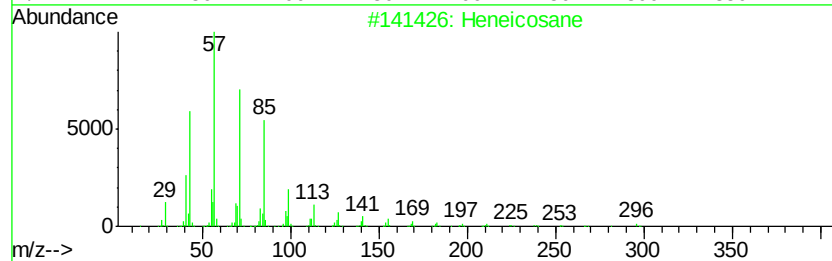
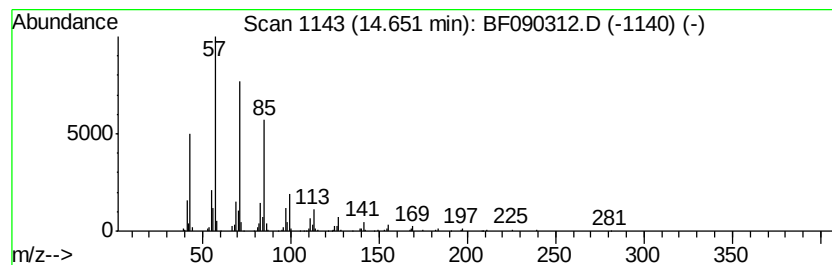
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	15.08 ng	532377	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



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Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

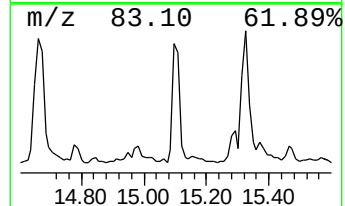
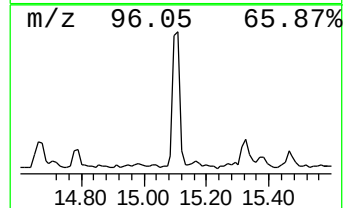
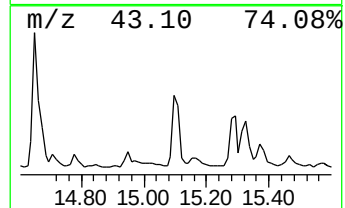
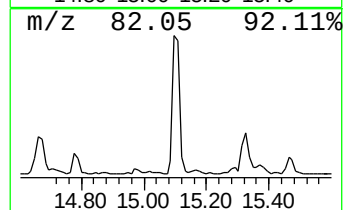
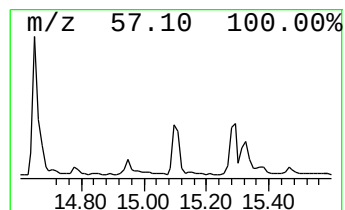
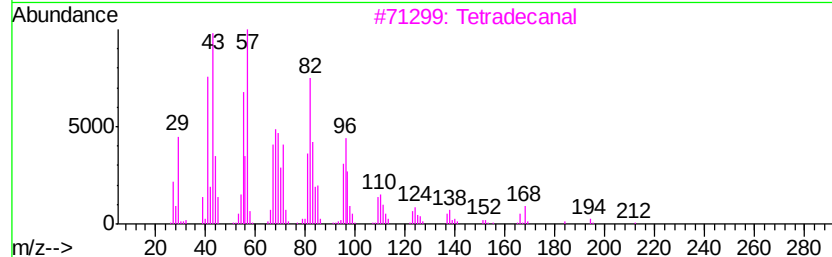
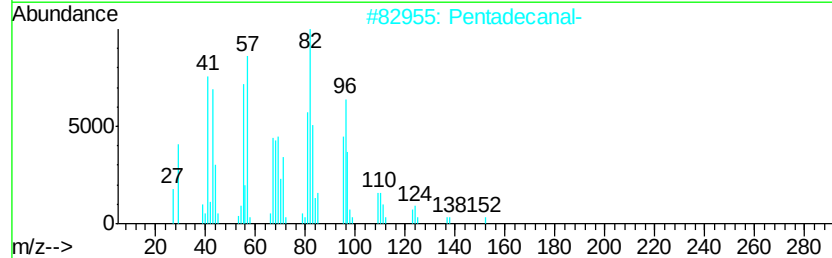
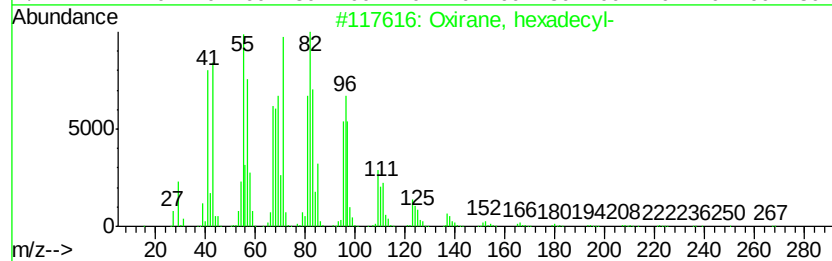
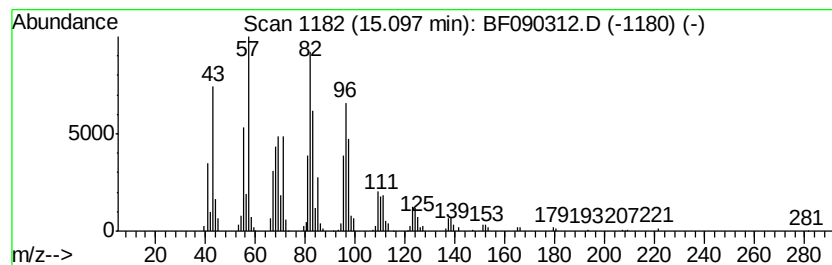
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	10.13 ng	357728	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2		Pentadecanal-	226	C15H30O	002765-11-9	86
3		Tetradecanal	212	C14H28O	000124-25-4	80
4		Hexadecanal	240	C16H32O	000629-80-1	80
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090312.D
Acq On : 30 Sep 2016 13:22
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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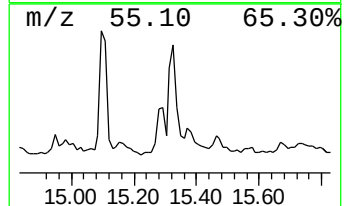
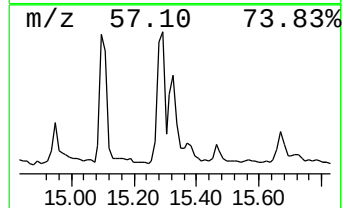
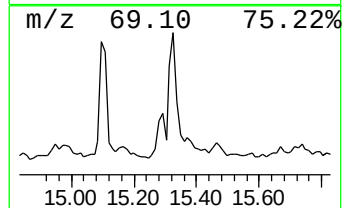
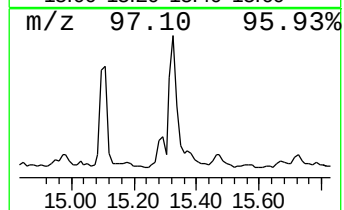
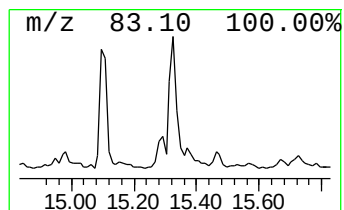
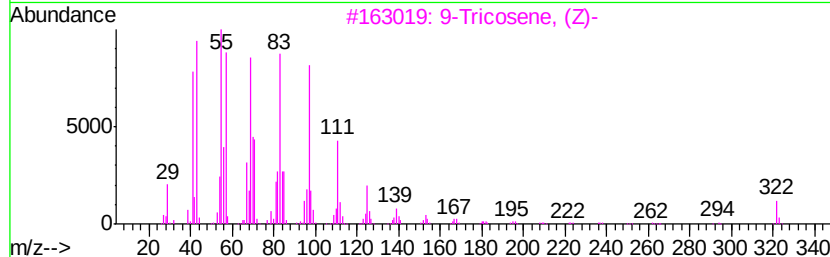
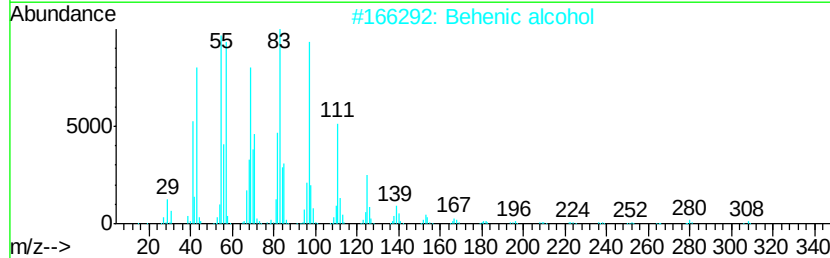
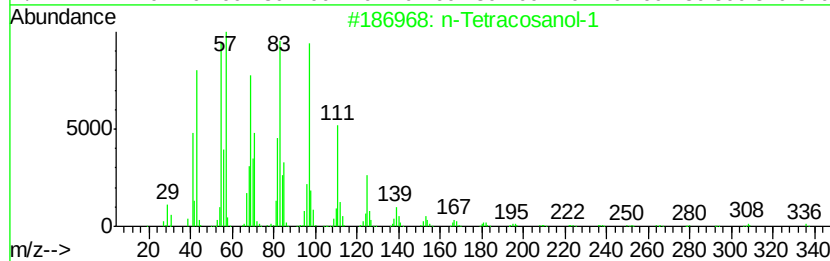
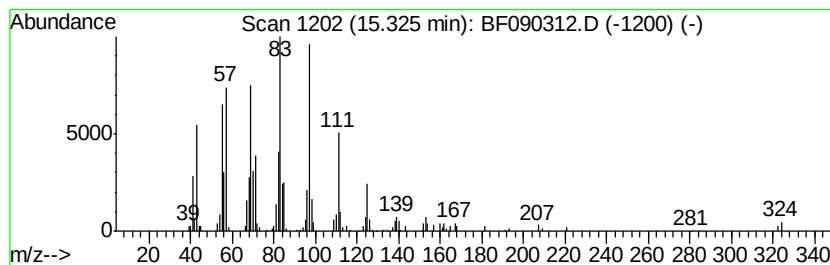
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Tetracosanol-1 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.48 ng	263947	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	76
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
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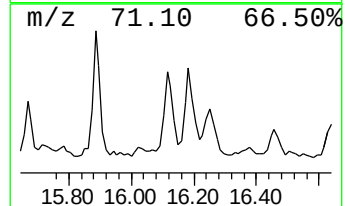
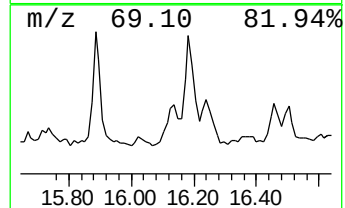
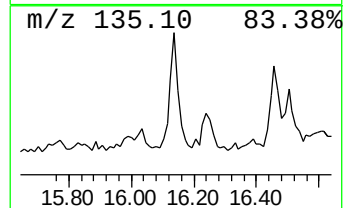
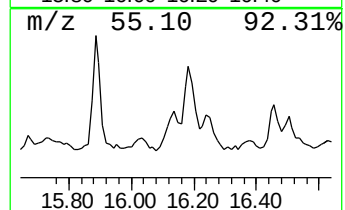
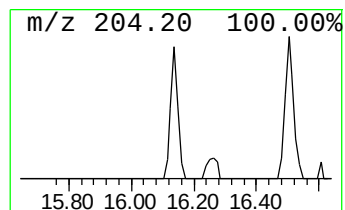
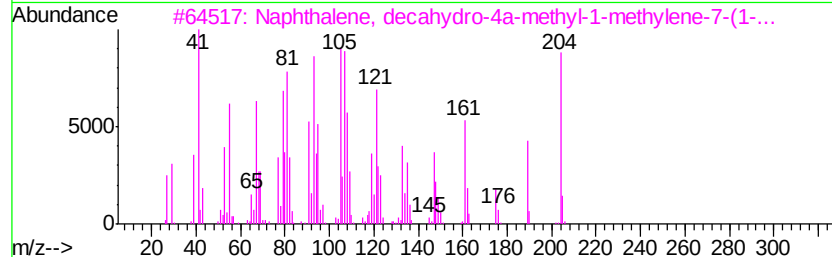
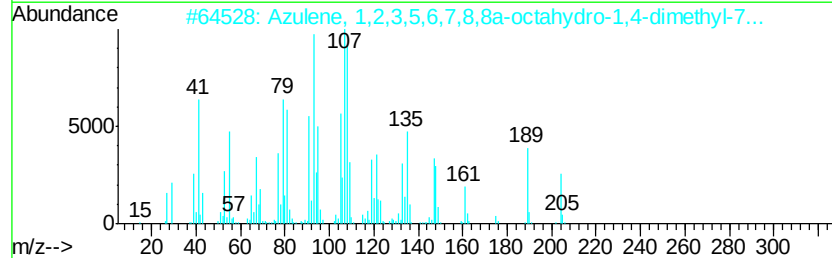
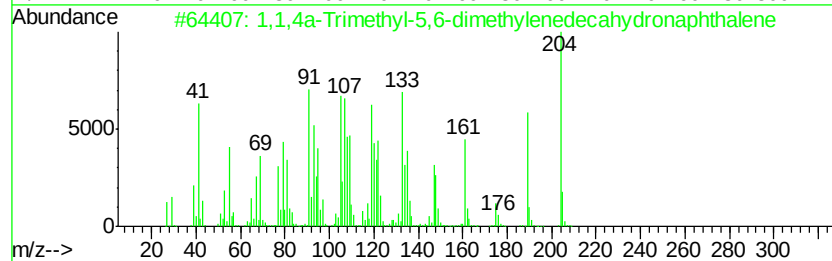
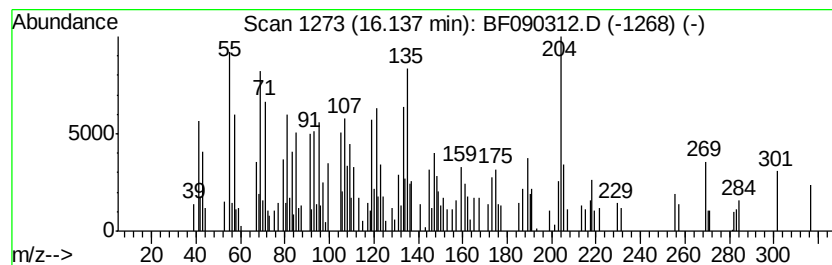
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.55 ng	231054	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2			Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	58
3			Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	53
4			1H-Cyclopropylazulene, decahydr...	204	C15H24	072747-25-2	52
5			2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
Acq On : 30 Sep 2016 13:22
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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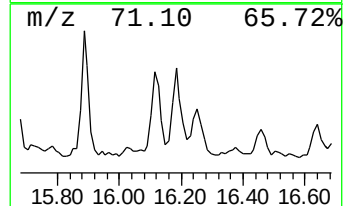
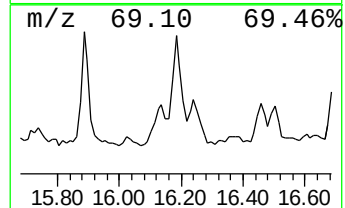
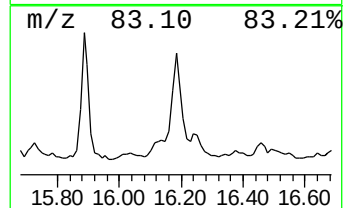
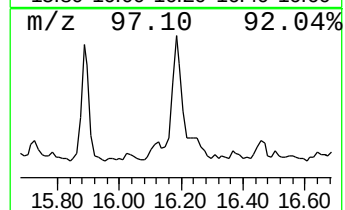
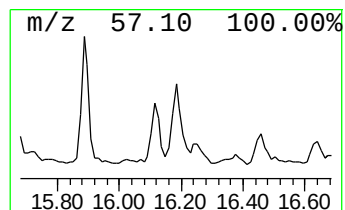
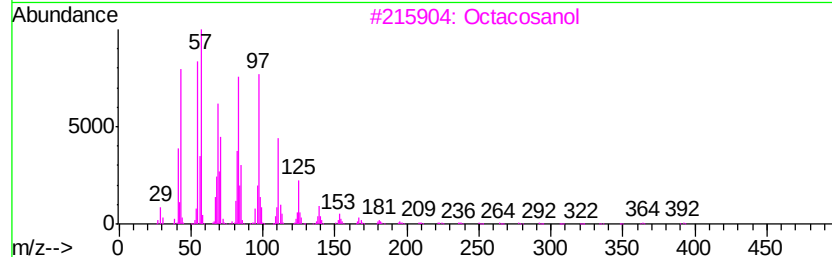
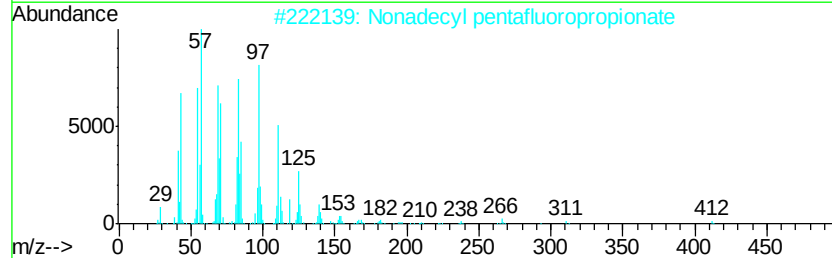
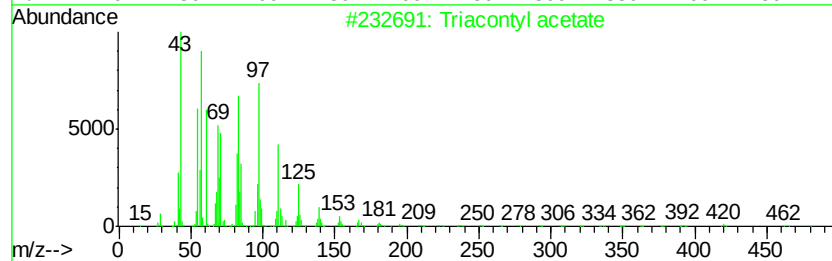
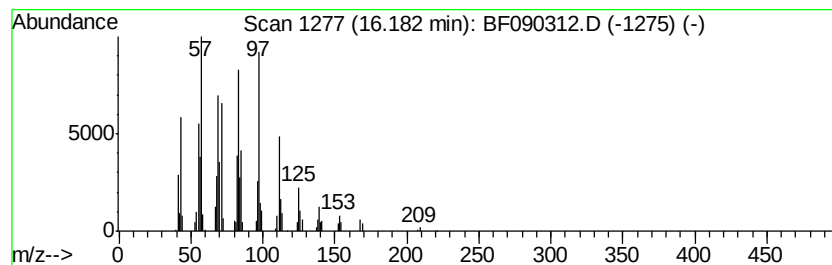
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Triacontyl acetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.12 ng	215949	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontyl acetate	480	C32H64O2	041755-58-2	94
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3		Octacosanol	410	C28H58O	000557-61-9	94
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090312.D
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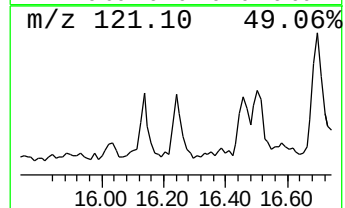
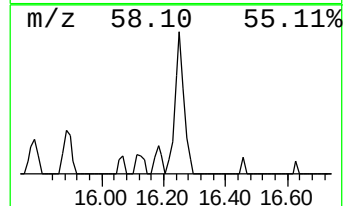
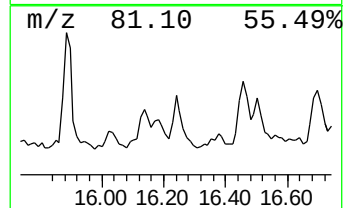
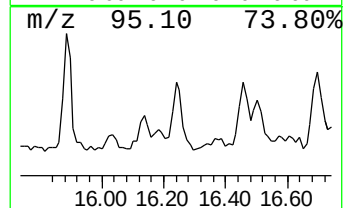
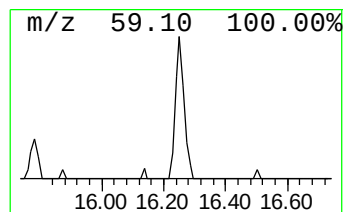
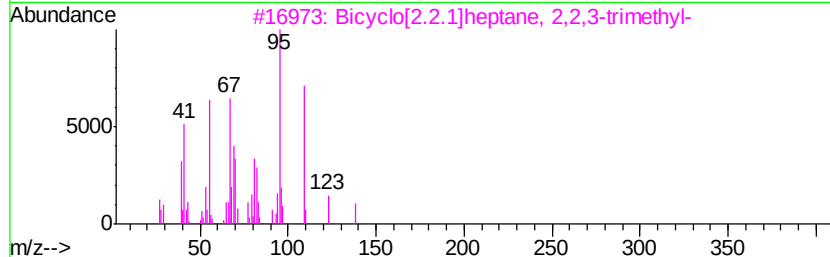
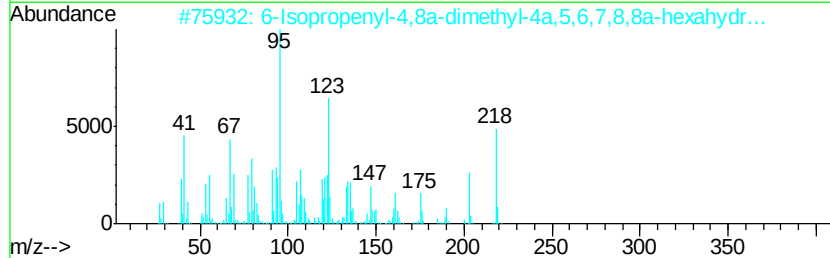
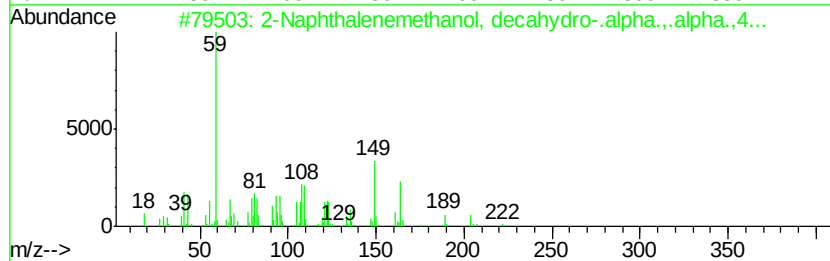
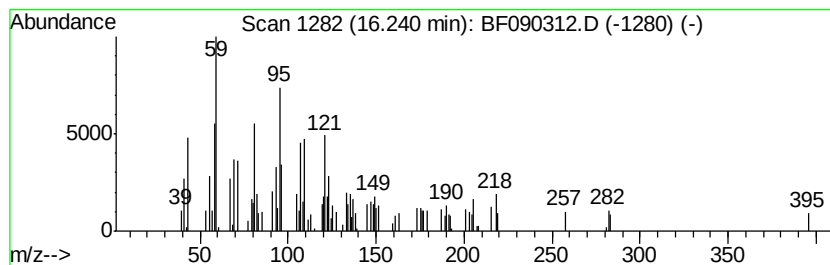
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.24 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	5.14 ng	181494	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	47		
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25		
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	22		
4	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	22		
5	5-Isopropenyl-2-methyl-7-oxabicy...	168	C10H16O2	1000185-00-9	16		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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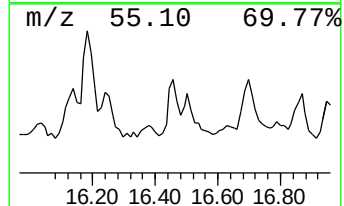
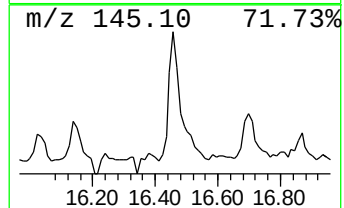
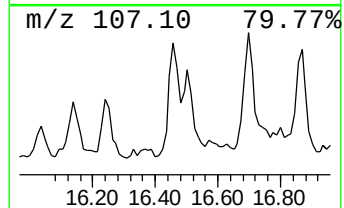
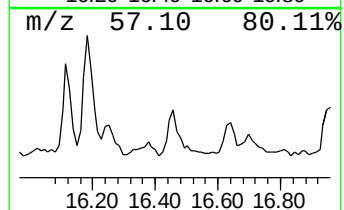
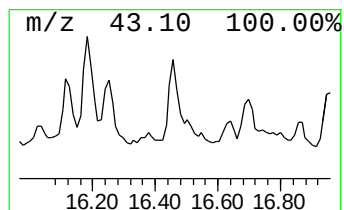
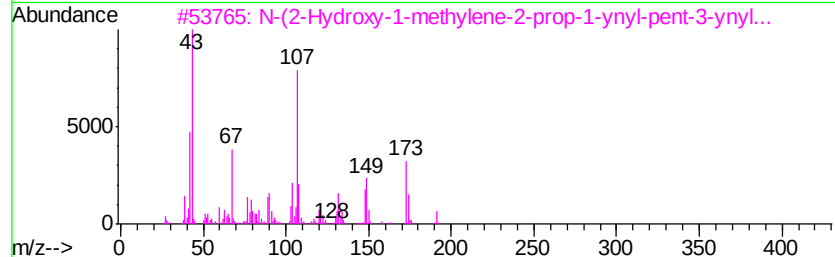
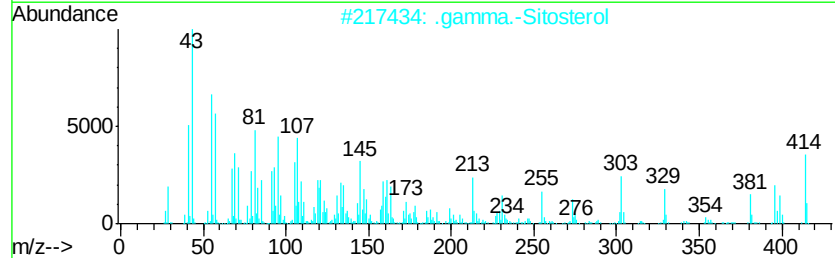
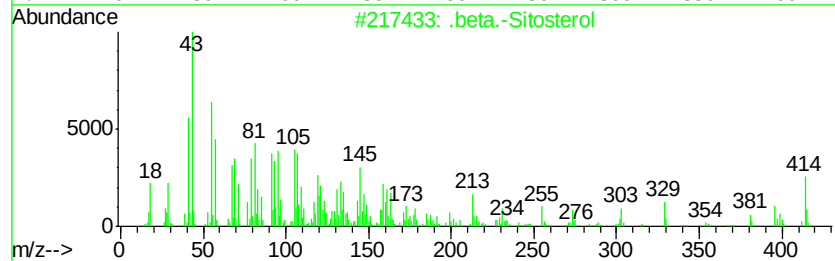
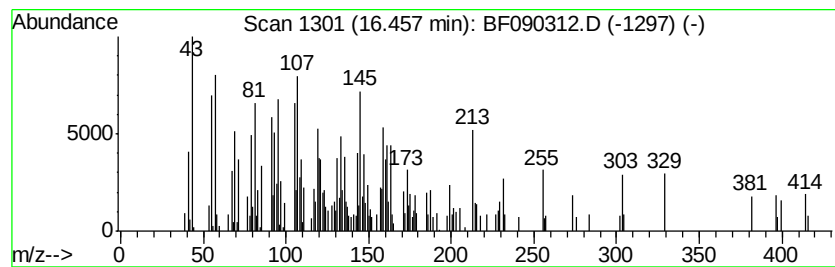
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.46	7.32 ng	258260	Perylene-d12	14.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	86
3	N-(2-Hydroxy-1-methylene-2-prop-...	191	C11H13NO2	1000194-35-2	44
4	Andrographolide	350	C20H30O5	005508-58-7	27
5	Pyrethrin II	372	C22H28O5	000121-29-9	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
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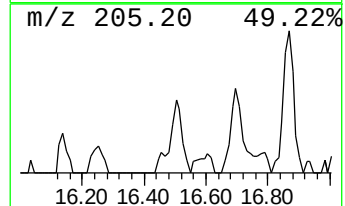
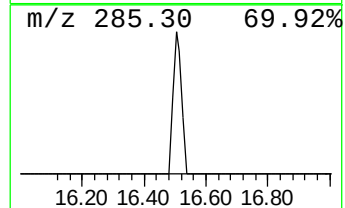
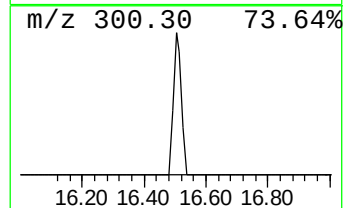
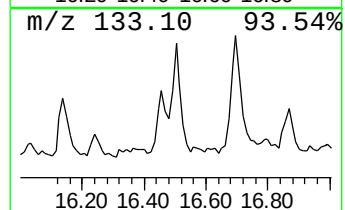
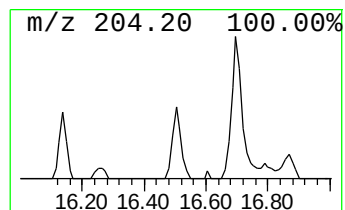
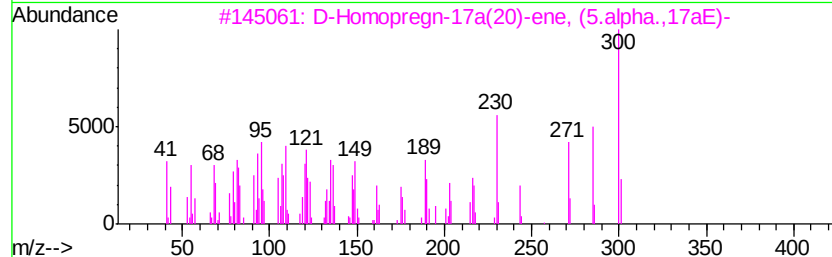
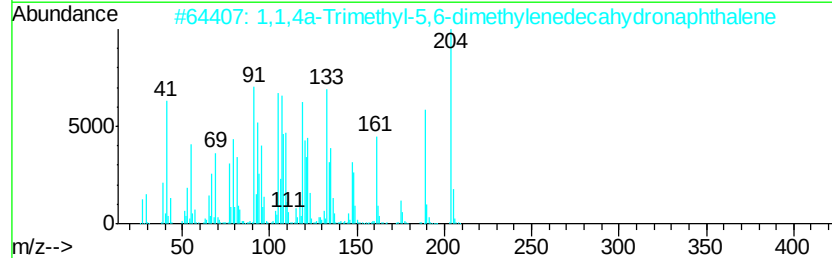
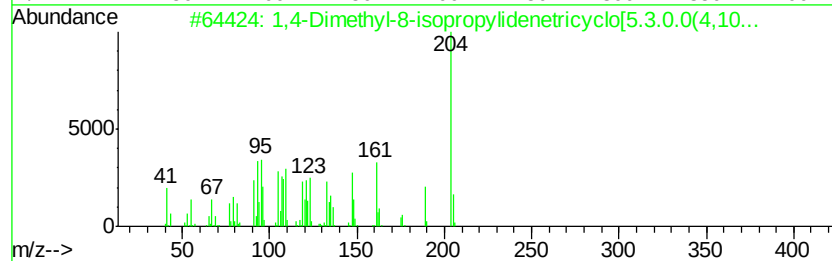
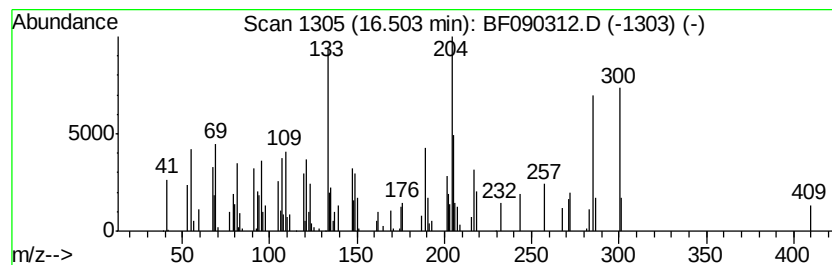
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	4.94 ng	174523	Perylene-d12	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
2			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	30
3			D-Homopregn-17a(20)-ene, (5.alpha...	300	C22H36	054482-44-9	30
4			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	18
5			3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090316\
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Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

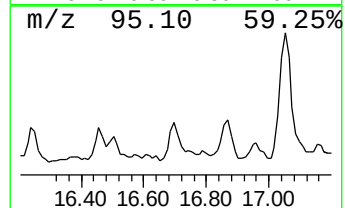
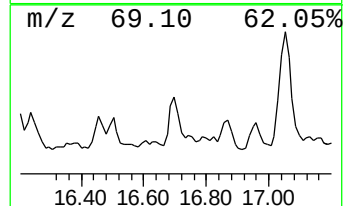
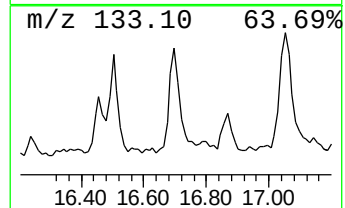
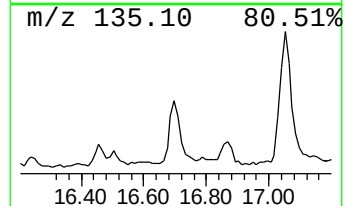
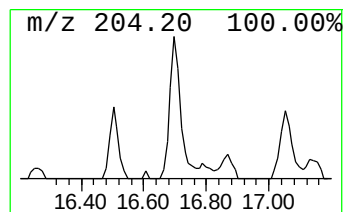
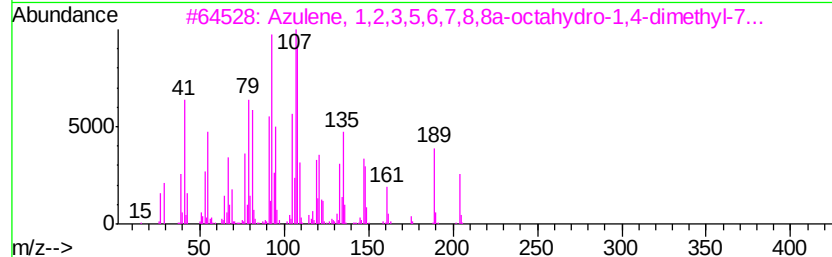
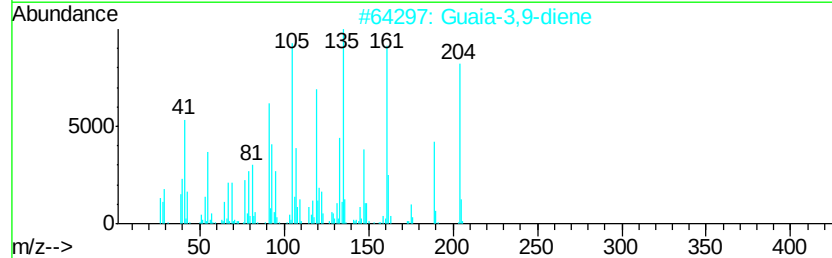
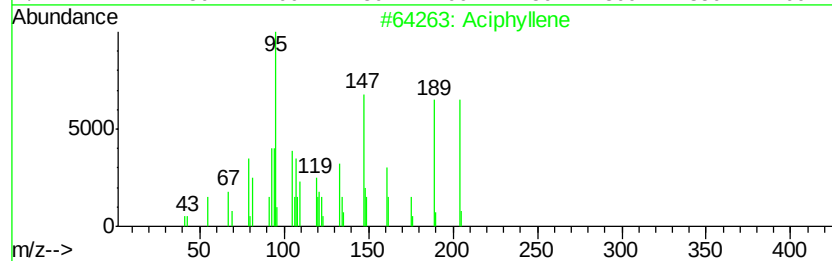
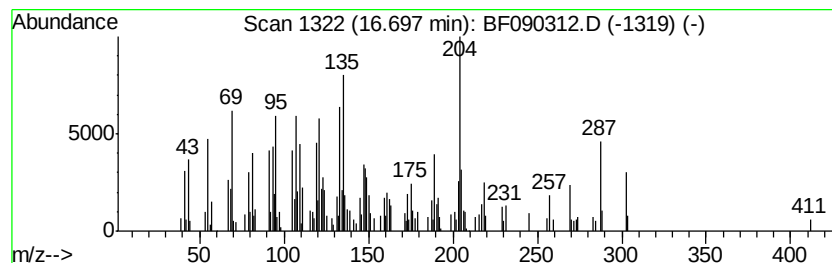
Instrument :
BNA_F
ClientSampleId :
MSP-BPM

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 17 Aciphyllene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	8.92 ng	314897	Perylene-d12	14.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Aciphyllene	204	C15H24	087745-31-1 64
2	Guaia-3,9-diene	204	C15H24	000489-83-8 58
3	Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0 58
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1 55
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
Acq On : 30 Sep 2016 13:22
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

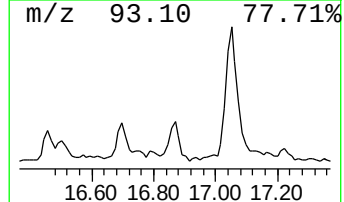
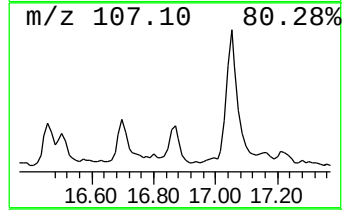
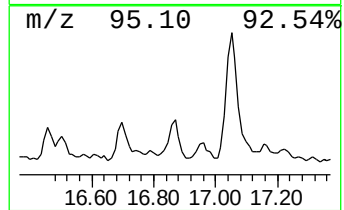
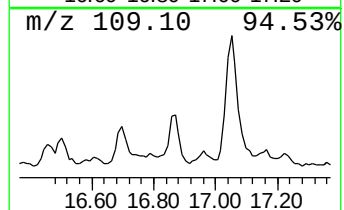
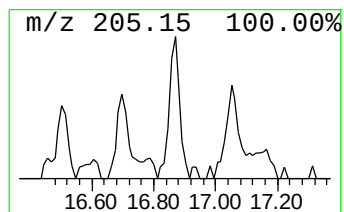
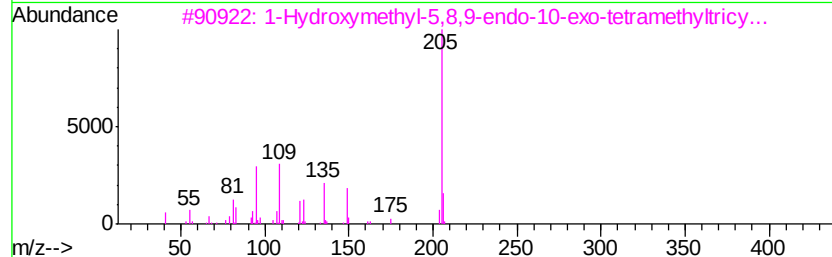
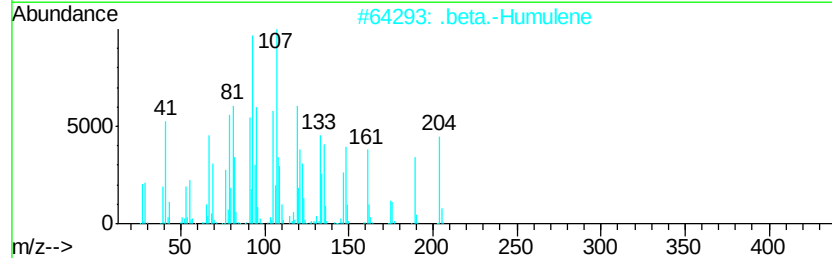
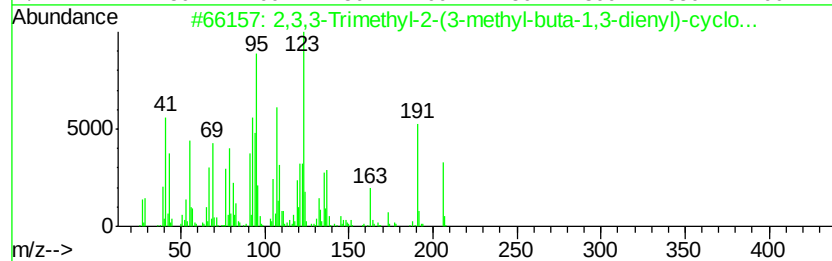
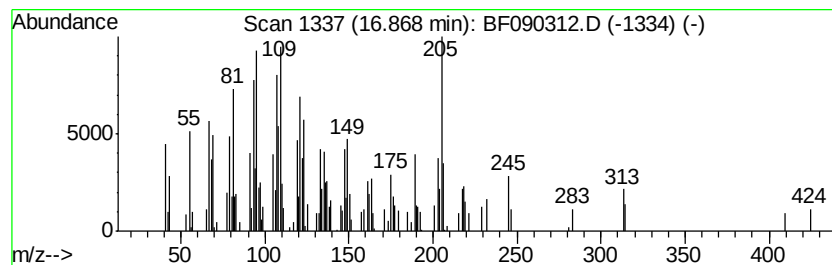
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	5.97 ng	210872	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	59
2		.beta.-Humulene	204	C15H24	000116-04-1	47
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	47
4		4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	42
5		1-Chloro-1-ethyl-3-methyl-1-germ...	206	C7H13ClGe	026311-76-2	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
Acq On : 30 Sep 2016 13:22
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

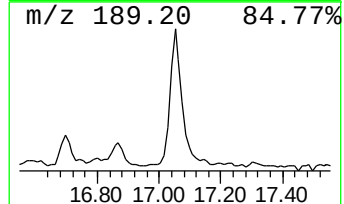
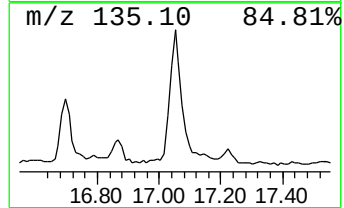
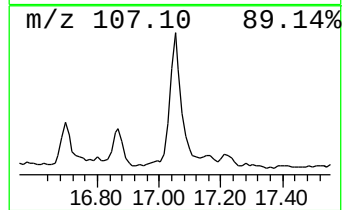
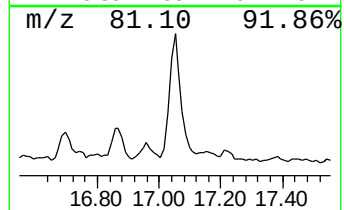
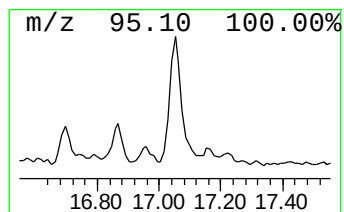
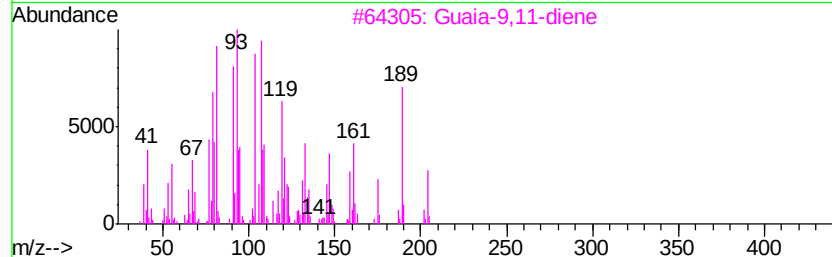
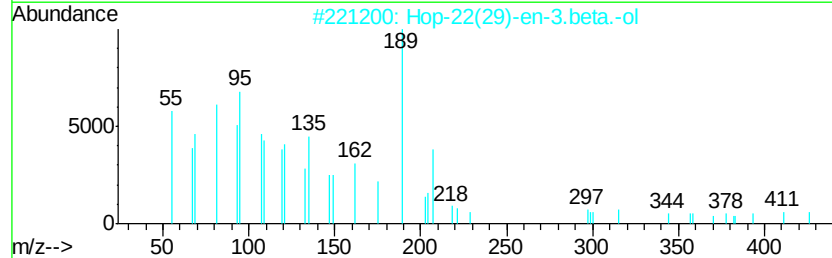
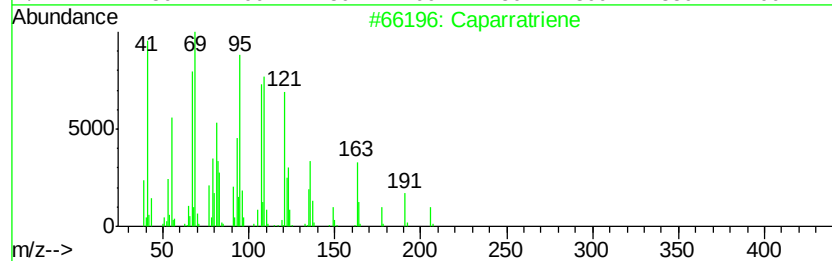
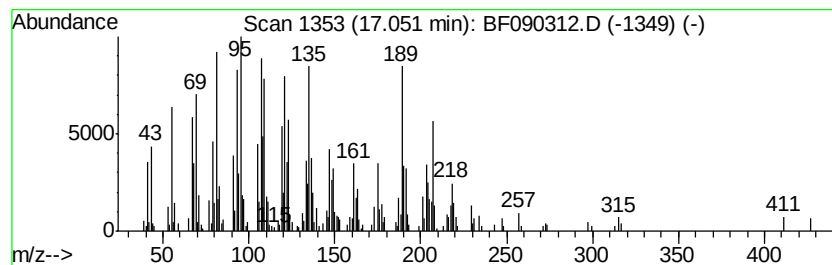
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Caparratriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	23.41 ng	826214	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caparratriene	206	C15H26	1000374-08-7	70
2		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	62
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	50
4		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
5		.gamma.-Elemene	204	C15H24	029873-99-2	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090312.D
Acq On : 30 Sep 2016 13:22
Operator : UM/SJ
Sample : H5021-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

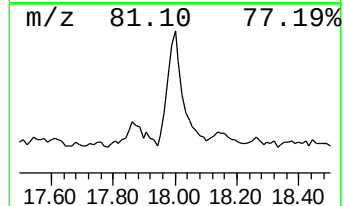
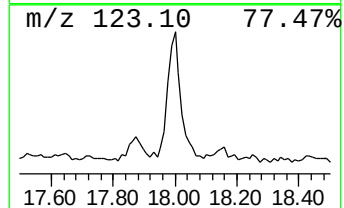
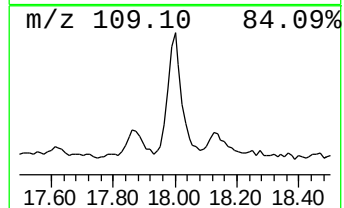
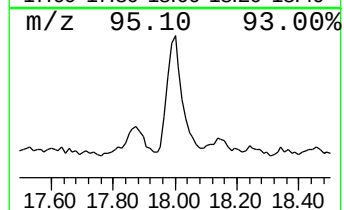
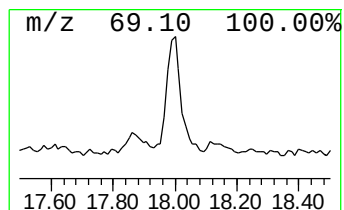
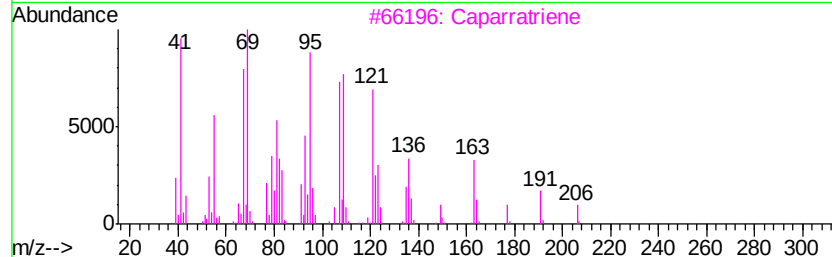
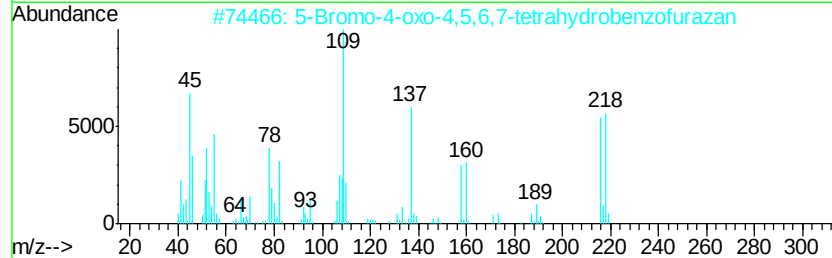
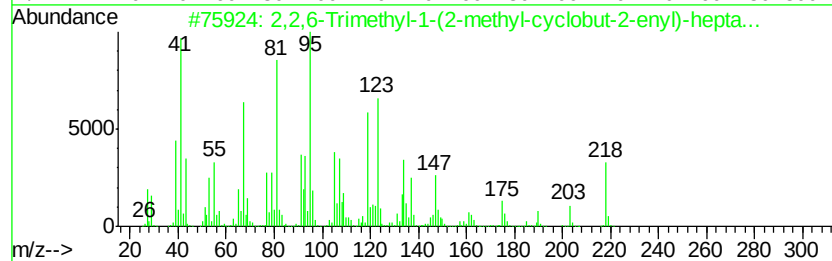
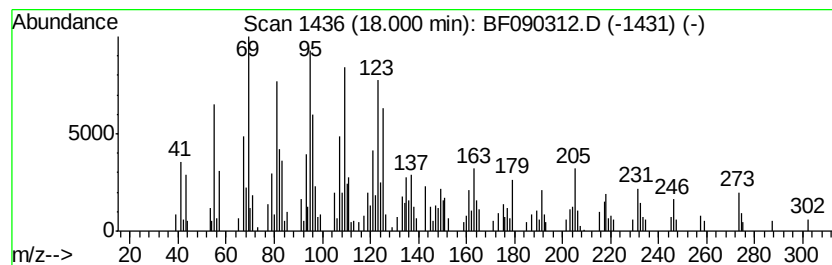
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,2,6-Trimethyl-1-(2-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	14.12 ng	498373	Perylene-d12	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	64
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3		Caparratriene	206	C15H26	1000374-08-7	53
4		1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	45
5		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090312.D
 Acq On : 30 Sep 2016 13:22
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 3 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...	4.54	23.1	ng	844300	1	6.44	730874	20.0
unknown6.22	6.22	97.6	ng	3567960	1	6.44	730874	20.0
1-Heneicosanol	13.45	15.0	ng	691921	5	13.57	922951	20.0
Behenic alcohol	14.08	18.4	ng	850999	5	13.57	922951	20.0
Heneicosane	14.65	15.1	ng	532377	6	14.88	705968	20.0
Oxirane, hexadecyl-	15.10	10.1	ng	357728	6	14.88	705968	20.0
n-Tetracosanol-1	15.33	7.5	ng	263947	6	14.88	705968	20.0
1,1,4a-Trimethyl-...	16.14	6.5	ng	231054	6	14.88	705968	20.0
Triacetyl acetate	16.18	6.1	ng	215949	6	14.88	705968	20.0
unknown16.24	16.24	5.1	ng	181494	6	14.88	705968	20.0
.beta.-Sitosterol	16.46	7.3	ng	258260	6	14.88	705968	20.0
unknown16.50	16.50	4.9	ng	174523	6	14.88	705968	20.0
Aciphyllene	16.70	8.9	ng	314897	6	14.88	705968	20.0
2,3,3-Trimethyl-2...	16.87	6.0	ng	210872	6	14.88	705968	20.0
Caparratriene	17.05	23.4	ng	826214	6	14.88	705968	20.0
2,2,6-Trimethyl-1...	18.00	14.1	ng	498373	6	14.88	705968	20.0