

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091556.D
 Acq On : 13 Dec 2016 16:17
 Operator : UM/SJ
 Sample : H5940-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS07-0-2IN

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-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.001	252	255	263	rBV	2477013	3702136	38.94%	4.128%
2	5.424	289	292	295	rBV	7069056	8516524	89.58%	9.496%
3	6.453	379	382	385	rVB	6131805	9506734	100.00%	10.600%
4	6.590	390	394	396	rBV	7034510	9472587	99.64%	10.562%
5	6.807	411	413	416	rBV	1711463	1826088	19.21%	2.036%
6	6.967	425	427	430	rBV	6366790	6247982	65.72%	6.966%
7	7.379	460	463	465	rBV	5590310	5970465	62.80%	6.657%
8	7.482	468	472	474	rBV	92085	143162	1.51%	0.160%
9	8.099	523	526	528	rBV	2652999	2718514	28.60%	3.031%
10	9.173	617	620	623	rBV	7174340	7170267	75.42%	7.995%
11	9.299	625	631	633	rVV4	40200	108294	1.14%	0.121%
12	9.345	633	635	639	rVB	1127011	1092958	11.50%	1.219%
13	9.425	639	642	648	rVB	200493	295084	3.10%	0.329%
14	9.573	652	655	657	rBV	3239040	3054183	32.13%	3.405%
15	9.848	676	679	681	rBV	2978956	2854999	30.03%	3.183%
16	10.282	713	717	719	rVB	115488	197323	2.08%	0.220%
17	10.511	734	737	738	rBV	71701	123746	1.30%	0.138%
18	10.568	740	742	743	rVV	321304	267278	2.81%	0.298%
19	10.636	745	748	751	rVV	5032155	5295210	55.70%	5.904%
20	10.762	757	759	764	rBV	230634	302053	3.18%	0.337%
21	11.173	793	795	796	rBV	120686	142825	1.50%	0.159%
22	11.208	796	798	799	rBV	174703	148014	1.56%	0.165%
23	11.333	806	809	811	rBV	1914392	2588142	27.22%	2.886%
24	11.562	826	829	833	rBV2	100946	132211	1.39%	0.147%
25	11.825	846	852	854	rBV2	177045	379064	3.99%	0.423%
26	11.871	854	856	858	rBV	758298	783853	8.25%	0.874%
27	12.454	902	907	909	rBV2	128651	201680	2.12%	0.225%
28	12.534	911	914	916	rBV	222188	230454	2.42%	0.257%
29	12.648	922	924	928	rBV	142592	153274	1.61%	0.171%
30	12.762	931	934	936	rVV	159910	184170	1.94%	0.205%
31	12.911	945	947	950	rBV	4629218	6151756	64.71%	6.859%
32	13.151	964	968	970	rBV2	80409	126544	1.33%	0.141%
33	13.814	1023	1026	1028	rBV	756418	786462	8.27%	0.877%
34	13.848	1028	1029	1036	rVB	118577	105725	1.11%	0.118%

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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	13.962	1036	1039	1041	rBV	1782101	2112639	22.22%	2.356%
36	14.259	1063	1065	1068	rVB2	104778	104167	1.10%	0.116%
37	14.442	1079	1081	1085	rBV2	247827	394212	4.15%	0.440%
38	14.808	1111	1113	1117	rBV2	76705	127025	1.34%	0.142%
39	14.877	1117	1119	1124	rVB	144811	166563	1.75%	0.186%
40	14.968	1124	1127	1132	rBV	79742	153098	1.61%	0.171%
41	15.060	1132	1135	1141	rBV3	208619	384394	4.04%	0.429%
42	15.368	1159	1162	1165	rBV	1161614	1658317	17.44%	1.849%
43	15.414	1165	1166	1173	rVB	76703	128130	1.35%	0.143%
44	15.825	1199	1202	1205	rBV	183840	333240	3.51%	0.372%
45	15.871	1205	1206	1211	rVB3	61331	103559	1.09%	0.115%
46	16.305	1241	1244	1252	rVB2	84680	191035	2.01%	0.213%
47	16.728	1278	1281	1283	rBV	46545	100216	1.05%	0.112%
48	16.854	1290	1292	1295	rVB	69599	116371	1.22%	0.130%
49	17.140	1314	1317	1322	rVB	53140	114476	1.20%	0.128%
50	17.300	1326	1331	1342	rVB3	142060	450447	4.74%	0.502%
51	17.505	1343	1349	1355	rBV2	78109	246574	2.59%	0.275%
52	17.723	1365	1368	1374	rVB7	33299	115795	1.22%	0.129%
53	18.043	1392	1396	1404	rVB7	125951	422895	4.45%	0.472%
54	18.260	1411	1415	1423	rBV3	71150	266584	2.80%	0.297%
55	18.683	1446	1452	1460	rBV4	155271	720005	7.57%	0.803%
56	19.231	1496	1500	1508	rVB4	84566	298649	3.14%	0.333%

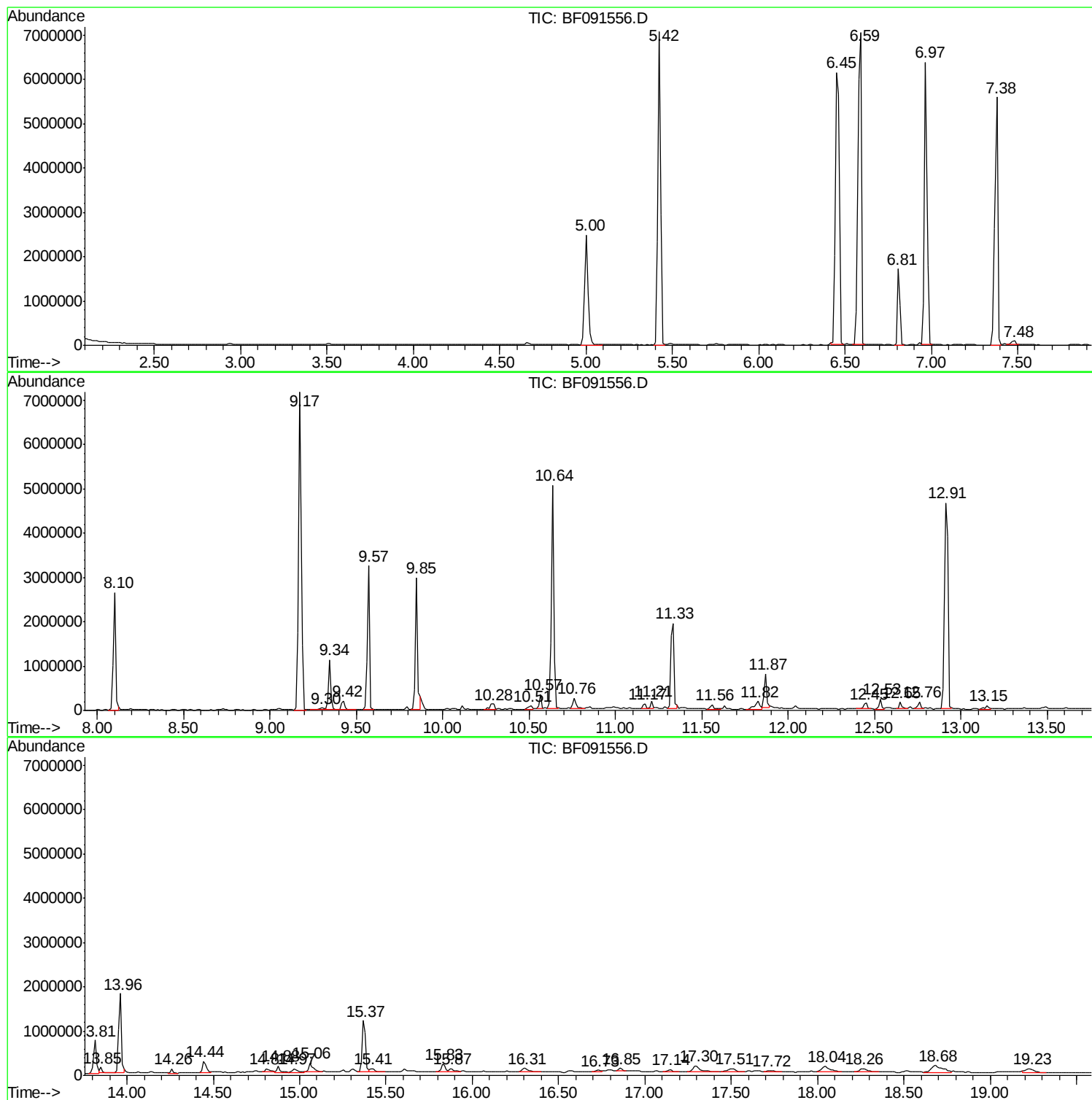
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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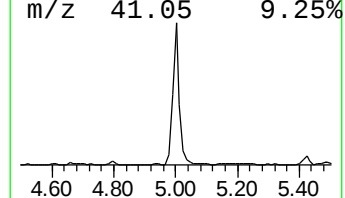
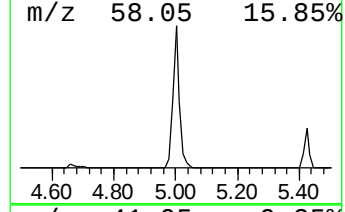
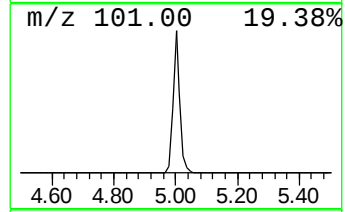
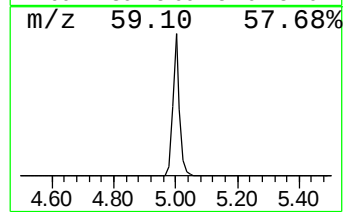
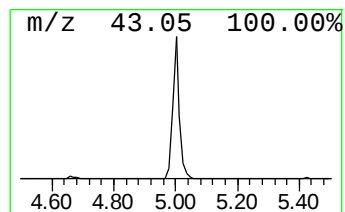
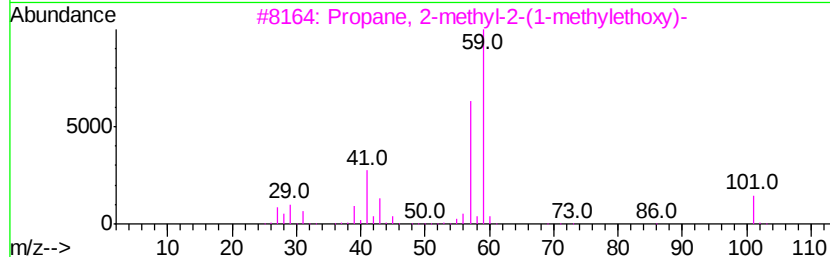
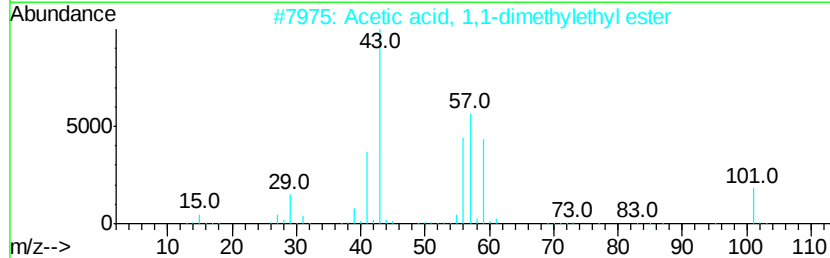
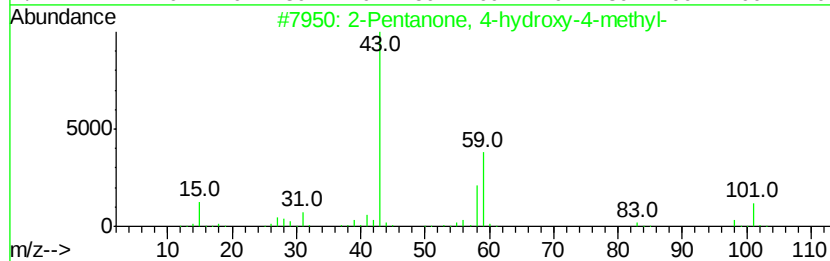
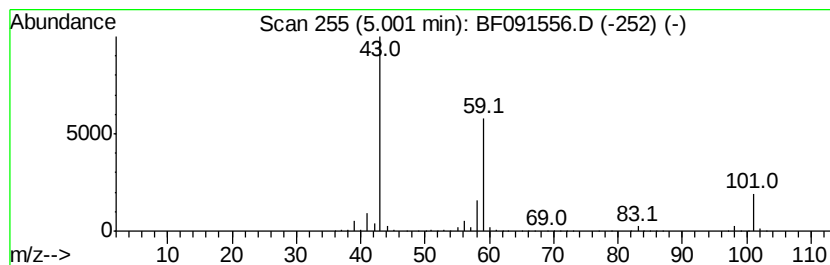
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	40.55 ng	3702140	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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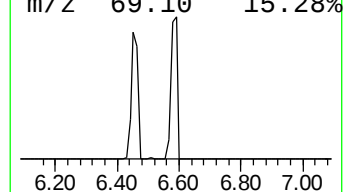
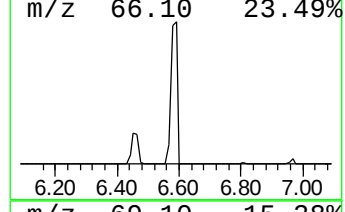
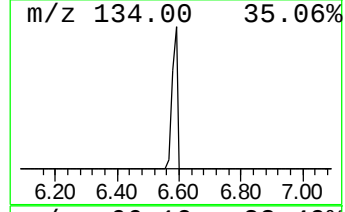
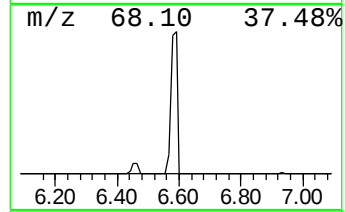
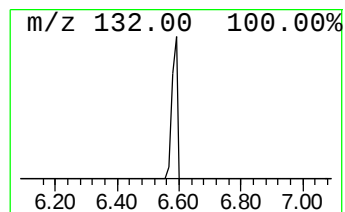
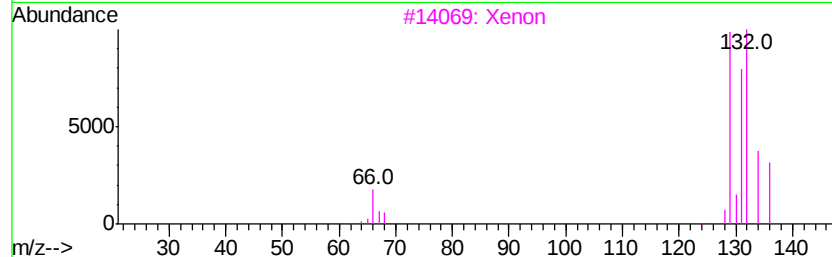
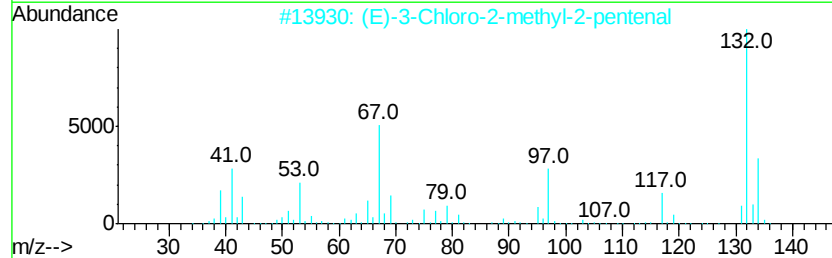
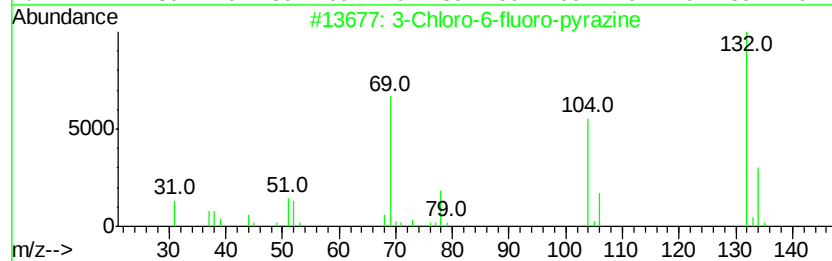
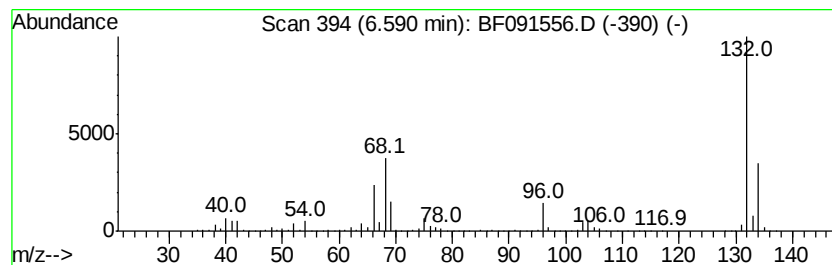
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	103.75 ng	9472590	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Xenon	132	Xe	007440-63-3	9
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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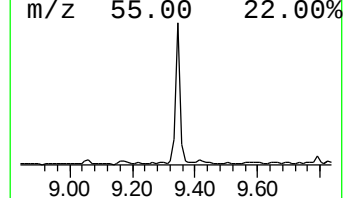
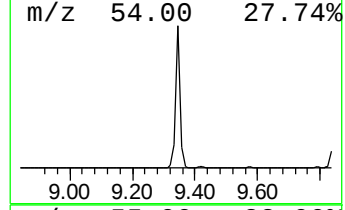
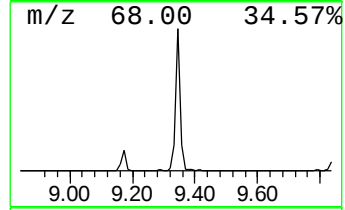
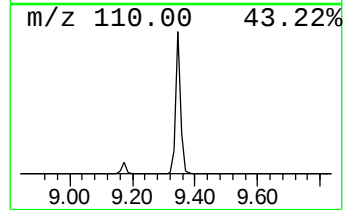
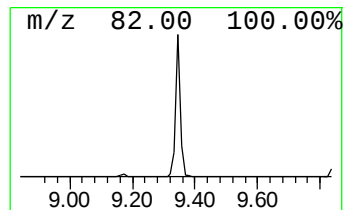
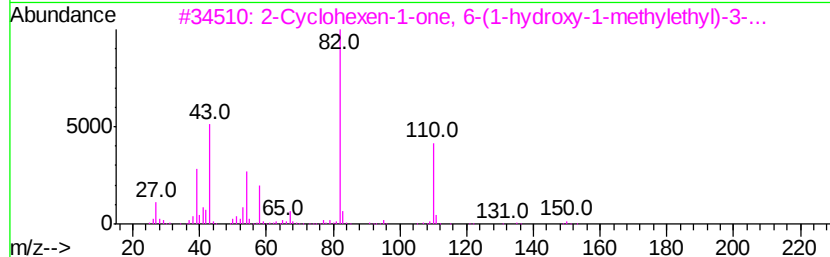
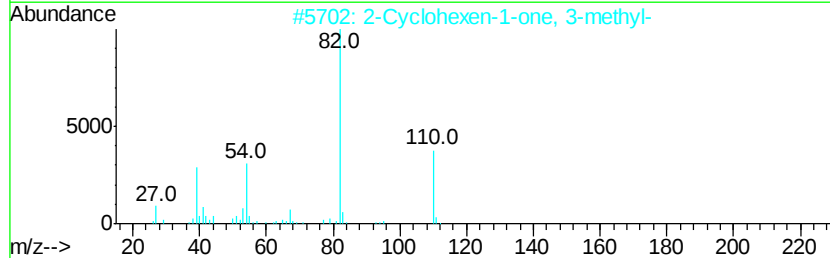
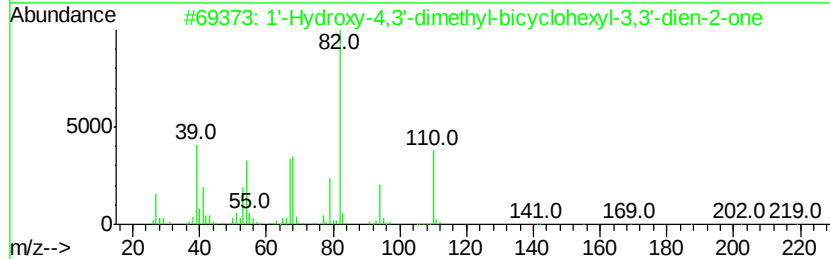
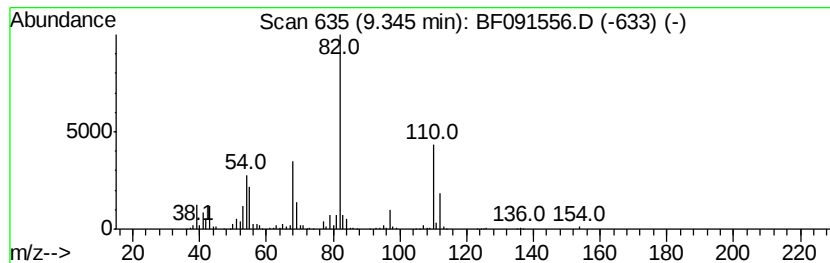
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1'-Hydroxy-4,3'-dimethyl-bi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	7.66 ng	1092960	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1'-Hydroxy-4,3'-dimethyl-bicyclo...	220	C14H20O2	1000189-12-5	64
2		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	62
3		2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	53
4		Dehydromevalonic lactone	112	C6H8O2	002381-87-5	46
5		2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	43



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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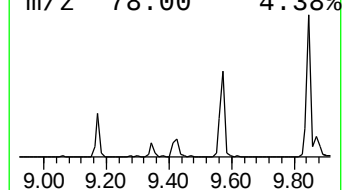
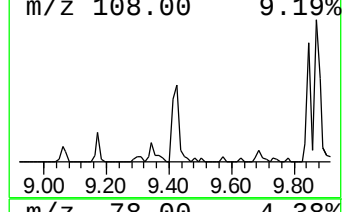
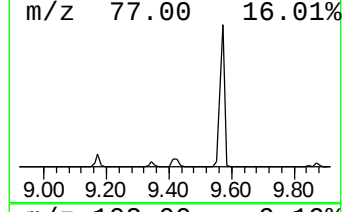
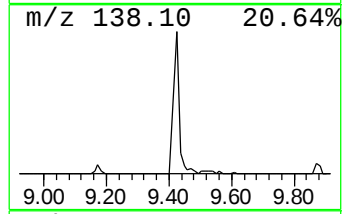
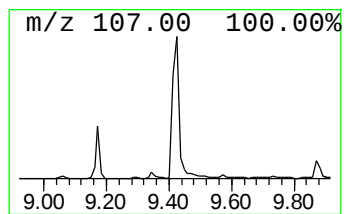
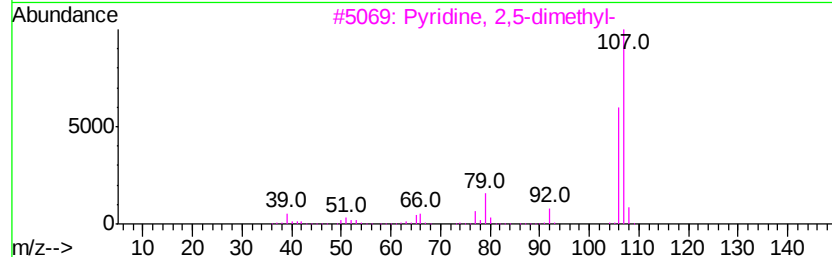
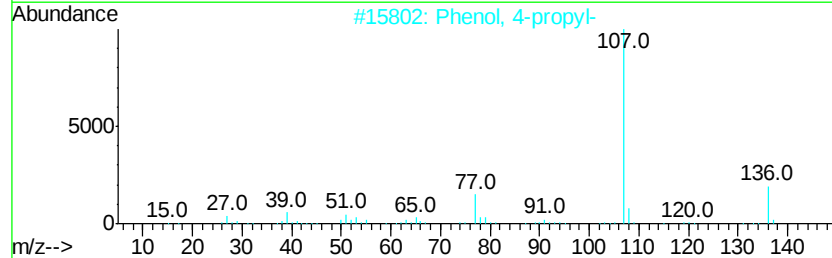
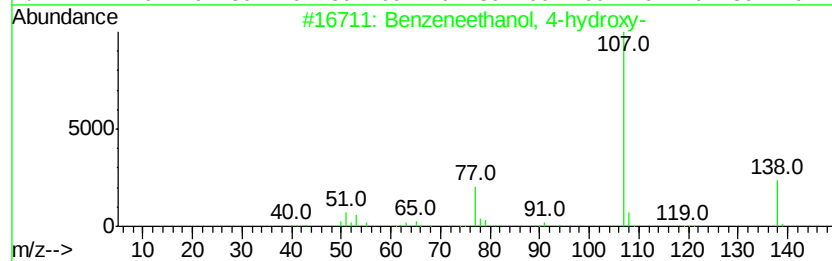
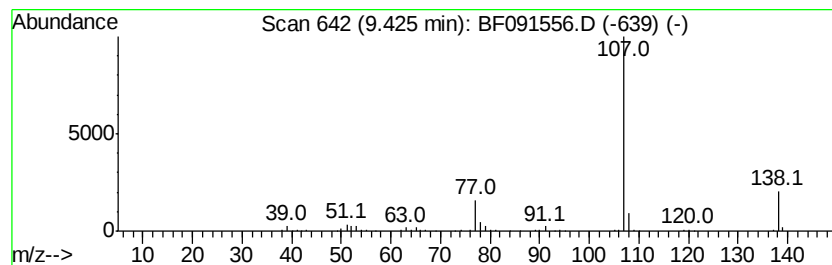
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Benzeneethanol, 4-hydroxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.07 ng	295084	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	87
2		Phenol, 4-propyl-	136	C9H12O	000645-56-7	59
3		Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	53
4		Phenol, 2-propyl-	136	C9H12O	000644-35-9	45
5		Hydrazine, 1-(3-hydroxybenzyl)-	138	C7H10N2O	000637-33-2	43



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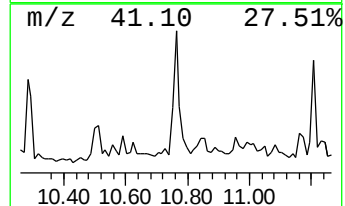
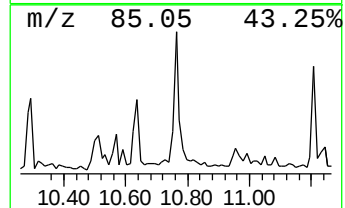
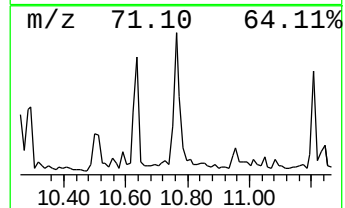
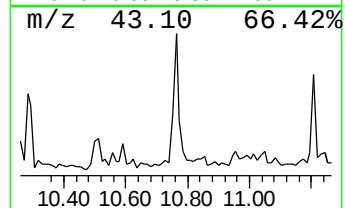
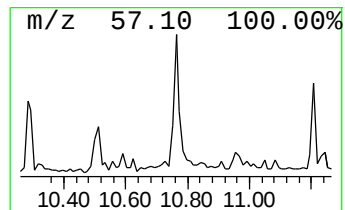
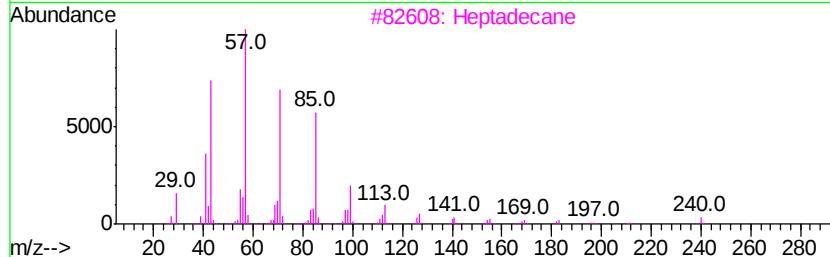
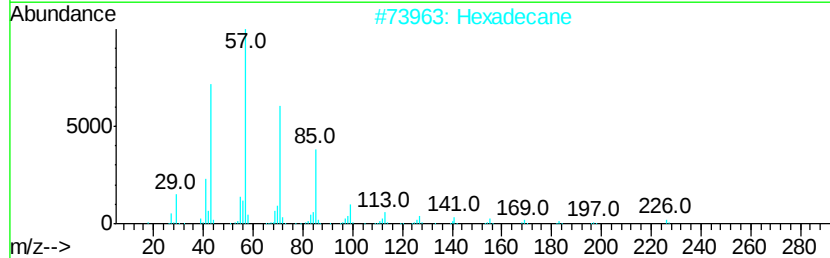
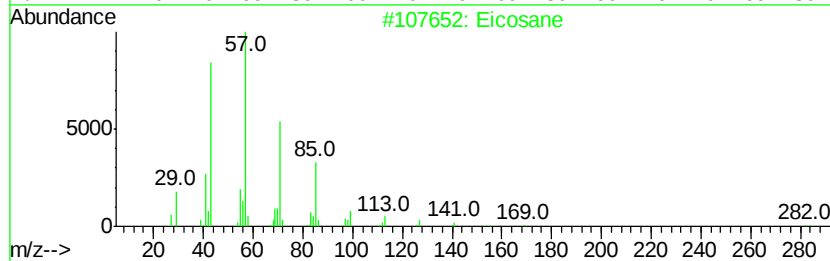
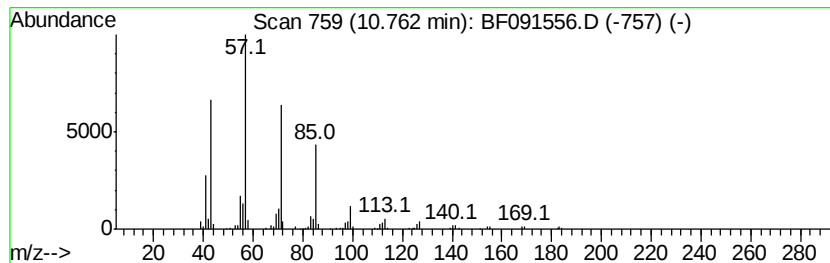
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.33 ng	302053	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS07-0-2IN

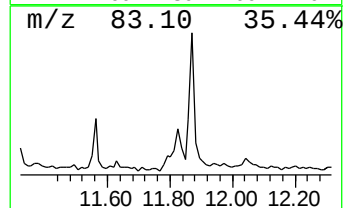
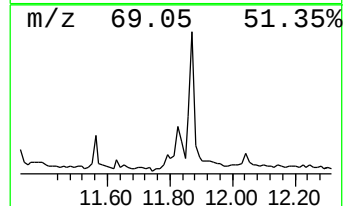
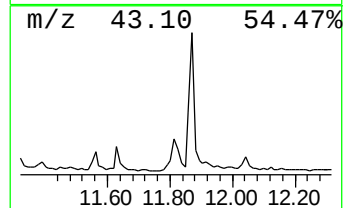
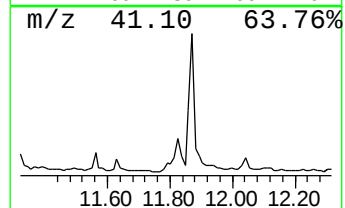
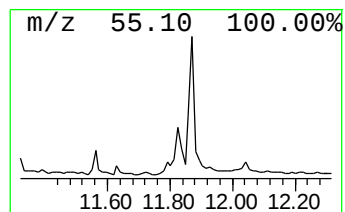
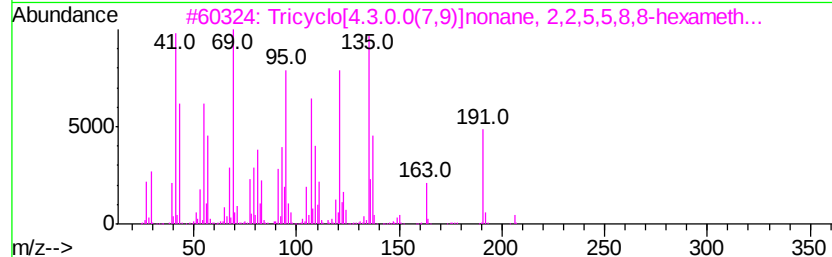
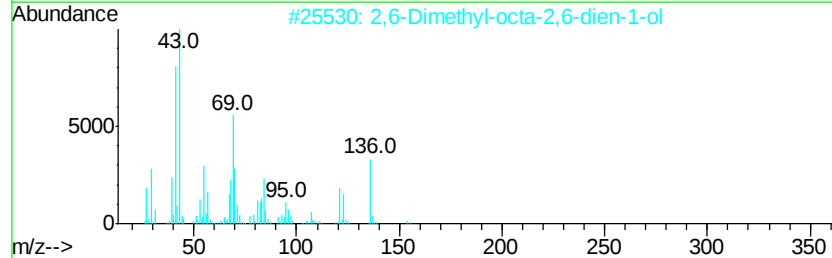
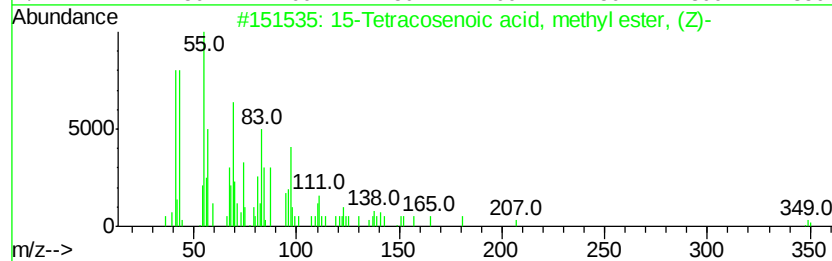
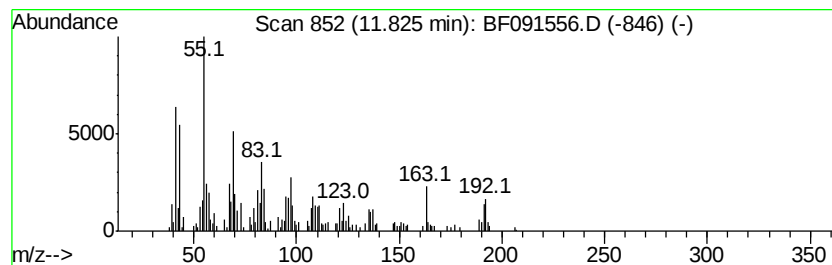
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.82 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.93 ng	379064	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	38		
2	2,6-Dimethyl-octa-2,6-dien-1-ol	154	C10H18O	1000193-44-3	27		
3	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	25		
4	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	25		
5	Isopulegol	154	C10H18O	059905-53-2	20		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
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Misc :
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BNA_F
ClientSampleId :
SS07-0-2IN

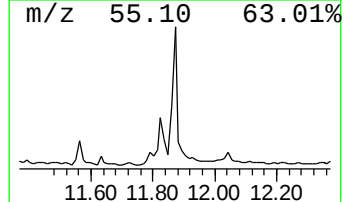
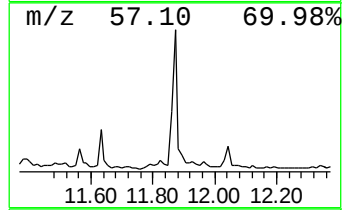
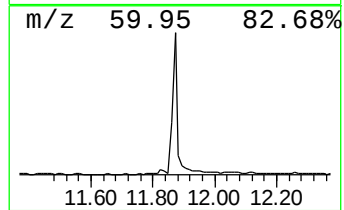
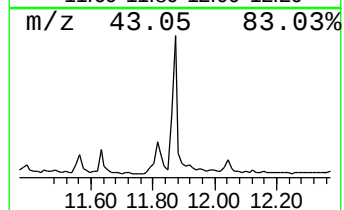
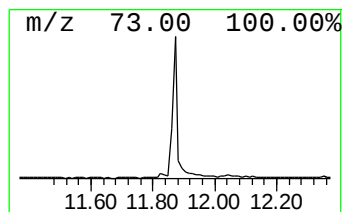
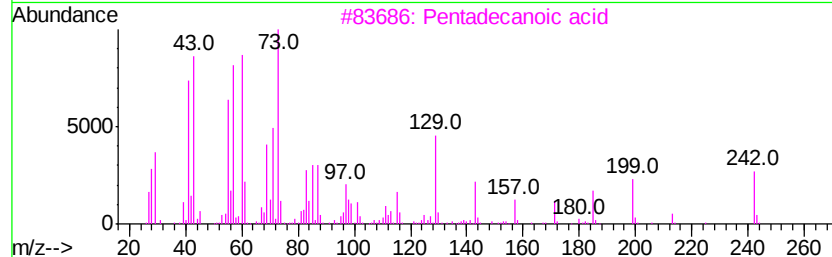
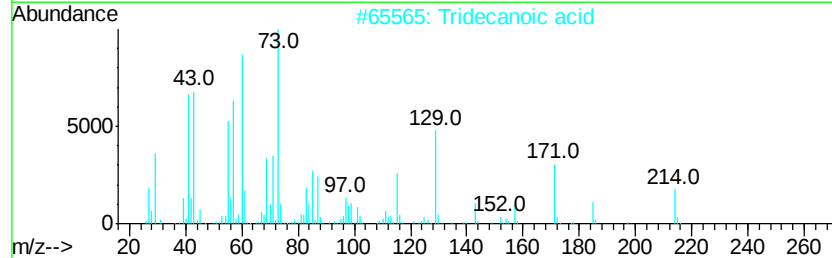
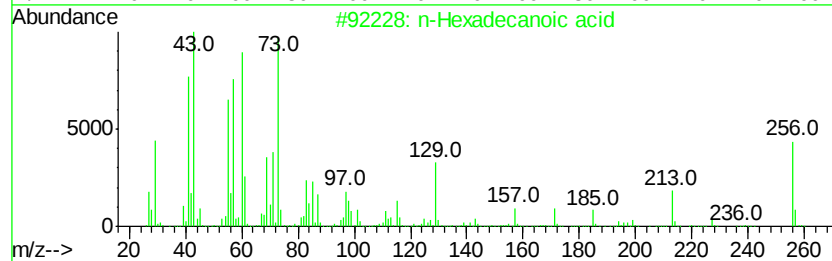
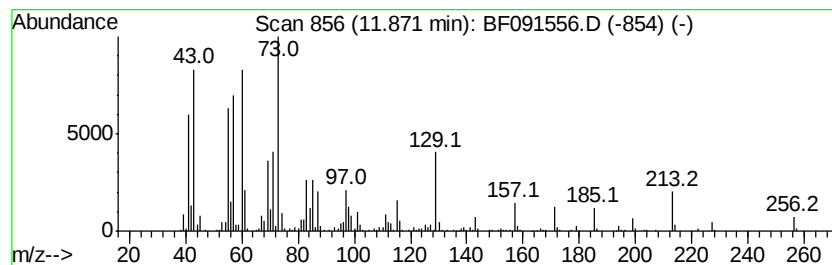
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.06 ng	783853	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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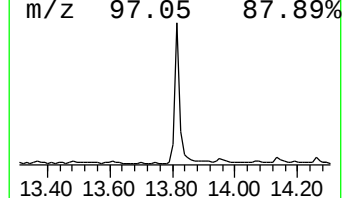
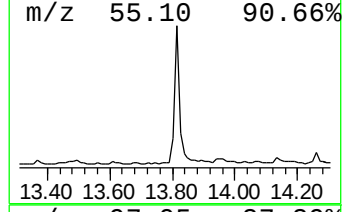
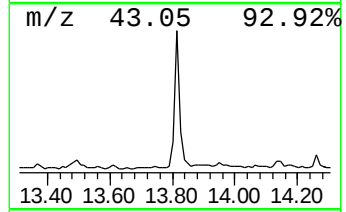
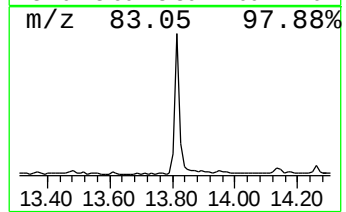
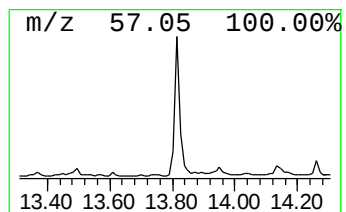
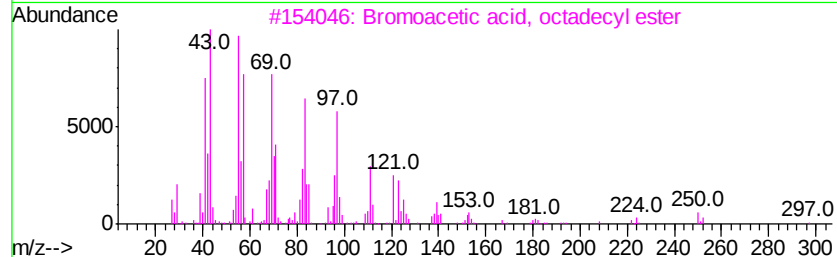
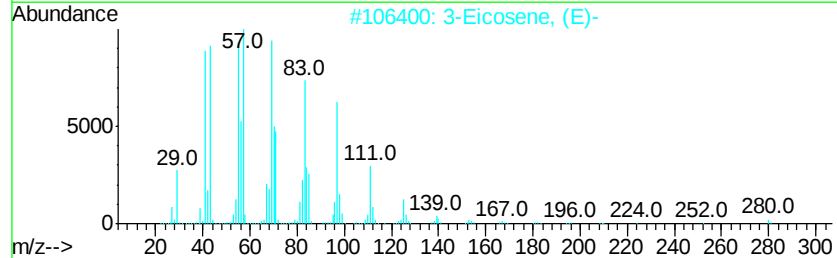
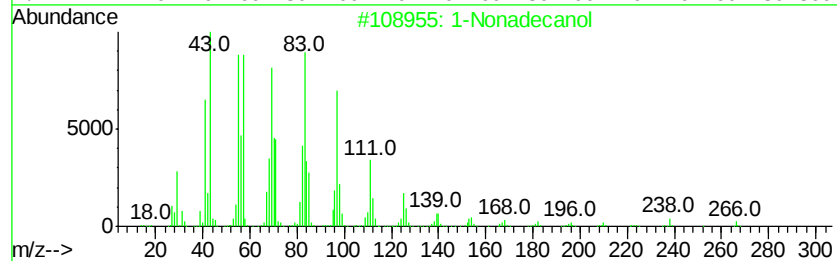
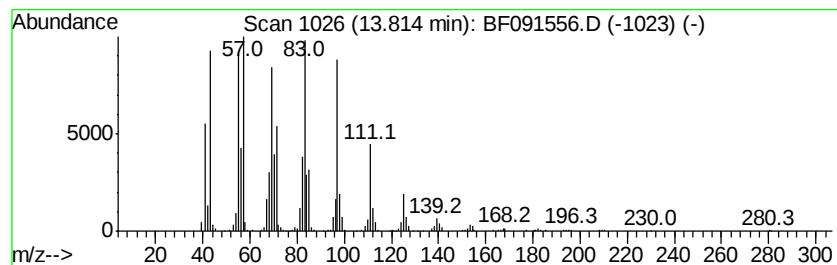
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.45 ng	786462	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecanol	284	C19H40O	001454-84-8	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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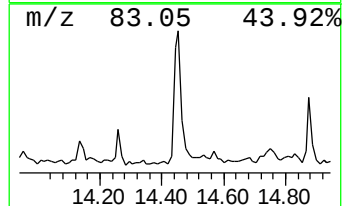
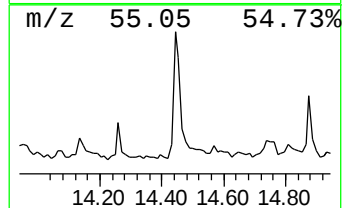
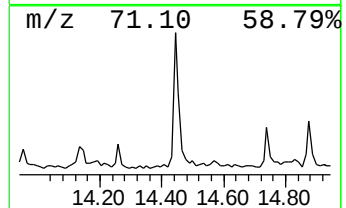
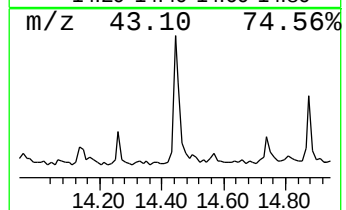
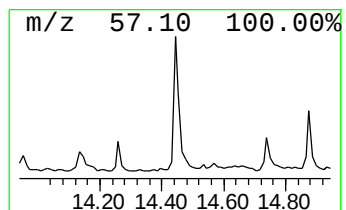
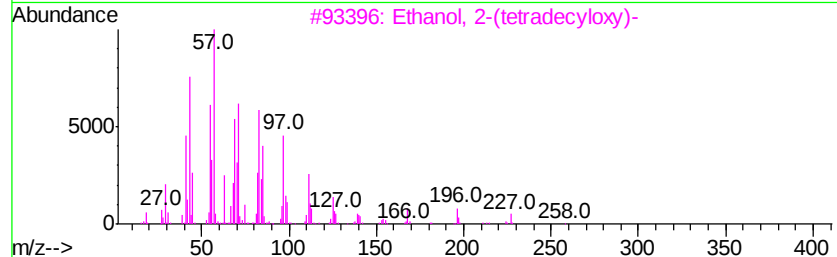
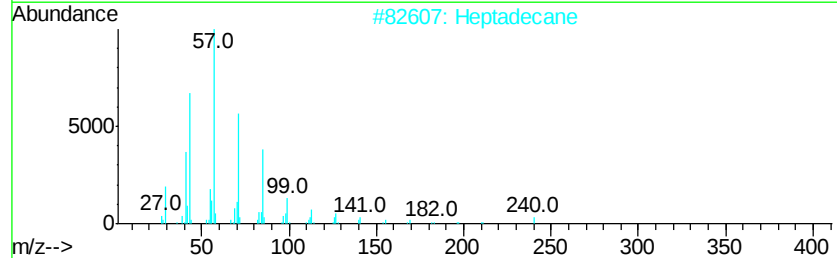
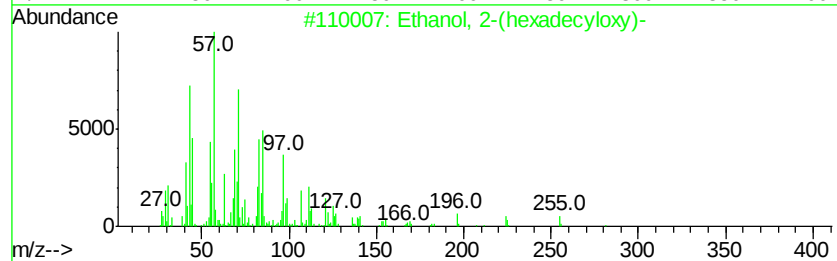
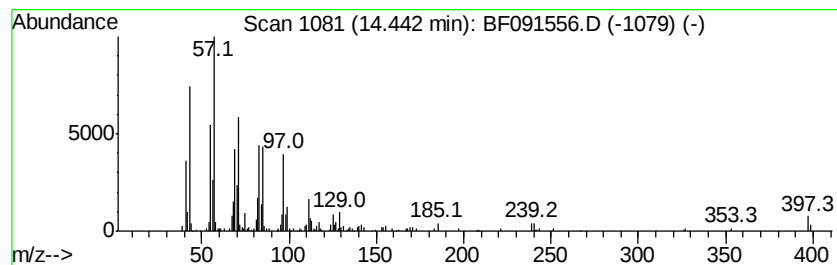
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-(hexadecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.73 ng	394212	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
2			Heptadecane	240	C17H36	000629-78-7	83
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
4			Cyclotetracosane	336	C24H48	000297-03-0	60
5			17-Pentatriacontene	491	C35H70	006971-40-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
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Misc :
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Instrument :
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ClientSampleId :
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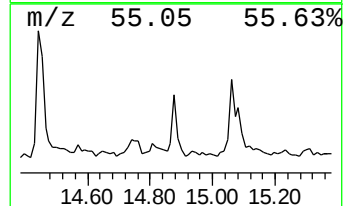
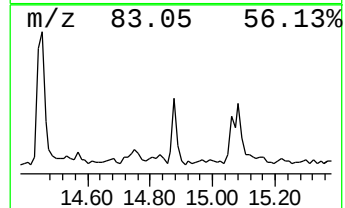
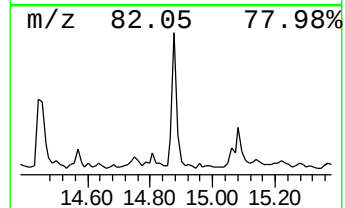
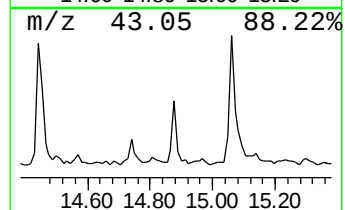
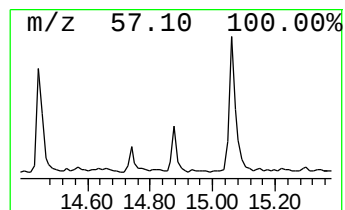
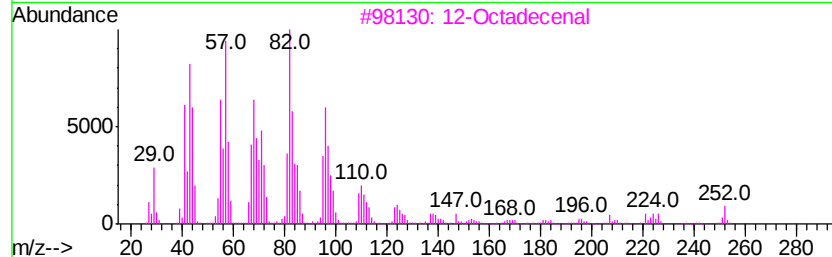
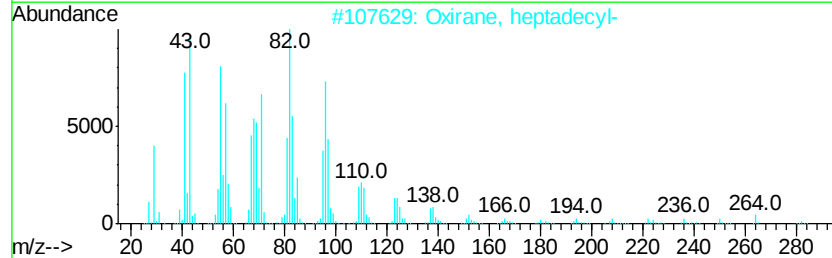
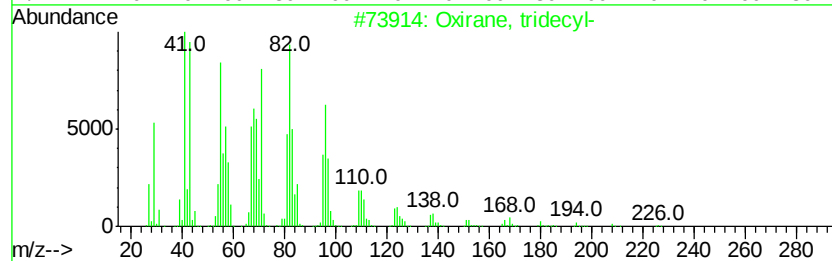
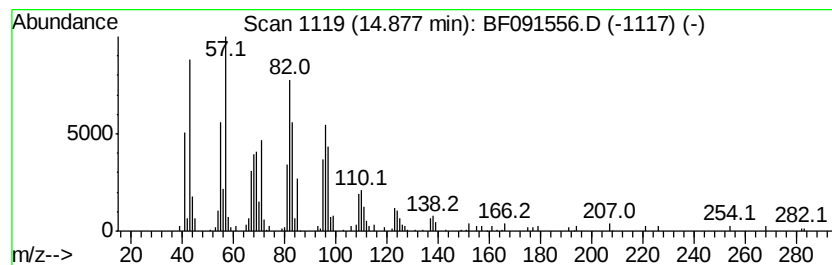
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxirane, tridecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.01 ng	166563	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tridecyl-	226	C15H30O	018633-25-5	93
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3		12-Octadecenal	266	C18H34O	056554-91-7	90
4		1,13-Tetradecadiene	194	C14H26	021964-49-8	86
5		17-Octadecenal	266	C18H34O	056554-86-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
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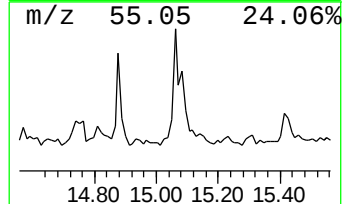
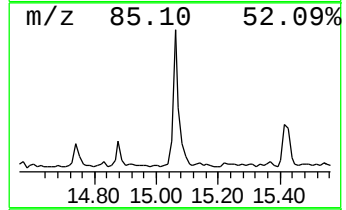
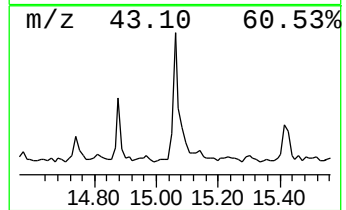
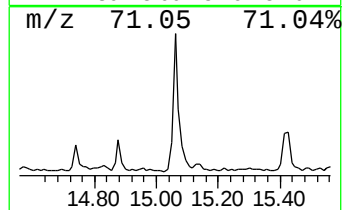
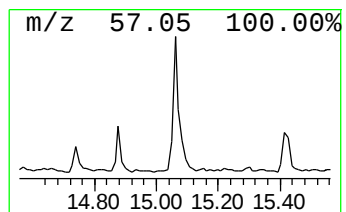
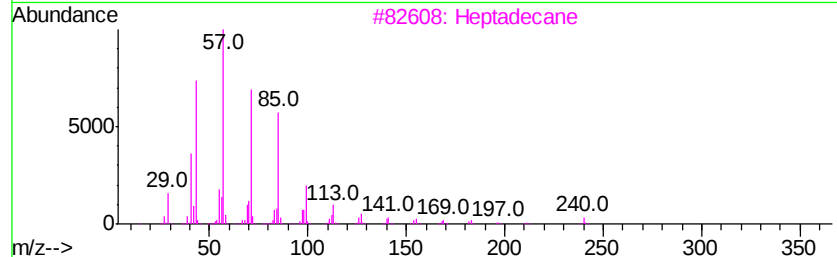
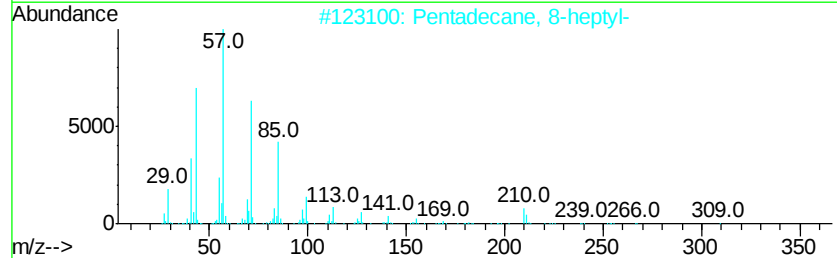
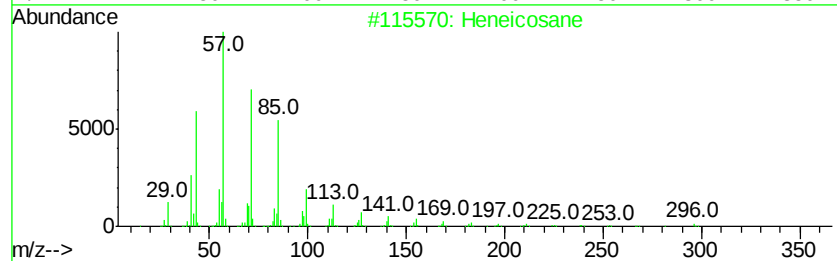
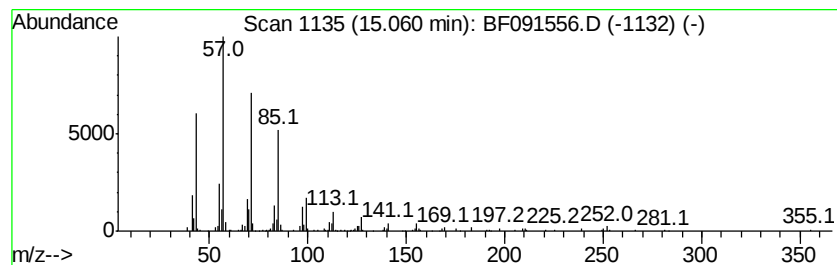
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.64 ng	384394	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

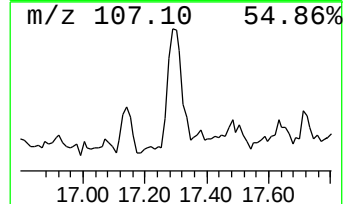
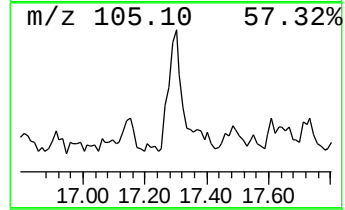
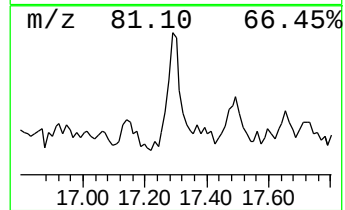
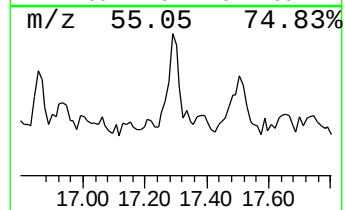
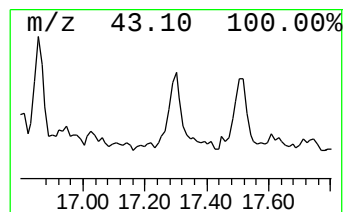
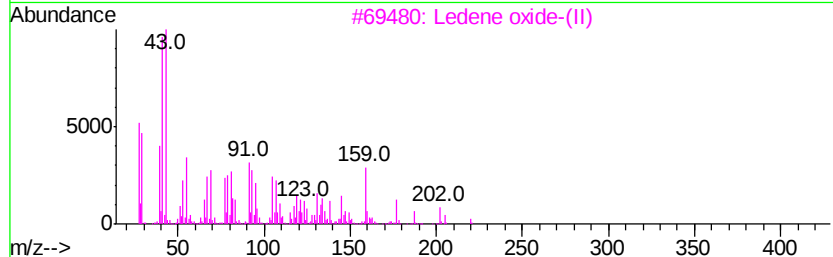
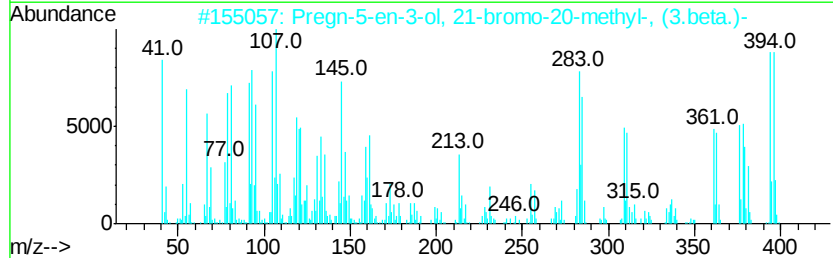
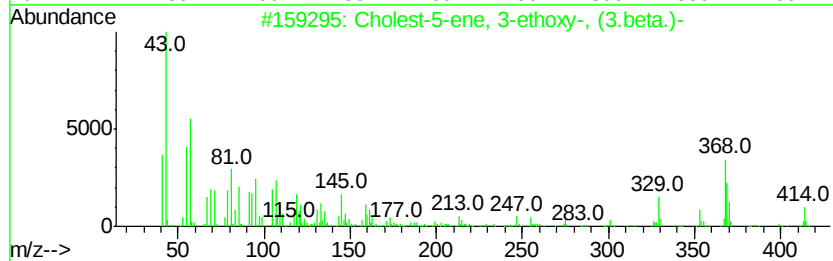
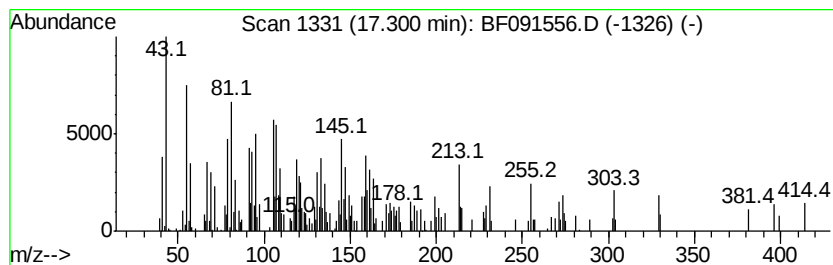
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ClientSampleId :
SS07-0-2IN

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.30	5.43 ng	450447	Perylene-d12	15.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	42
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30
3	Ledene oxide-(II)	220	C15H24O	1000159-36-7	16
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	12
5	5-Cholene, 3,24-dihydroxy-	360	C24H40O2	1000251-69-2	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS07-0-2IN

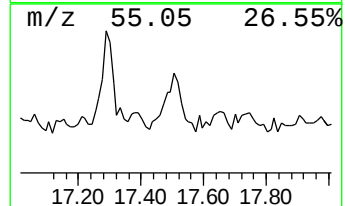
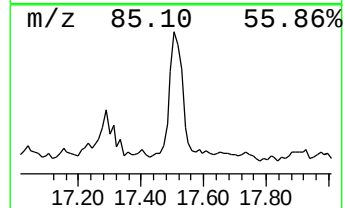
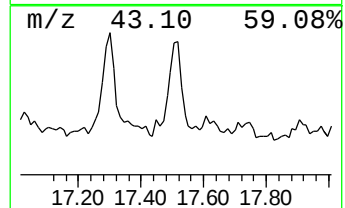
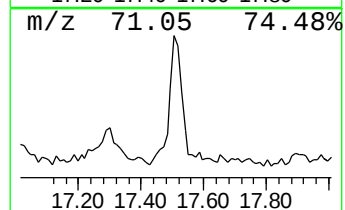
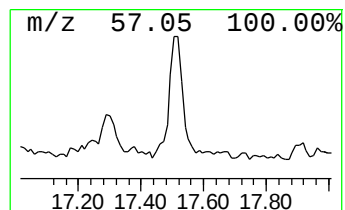
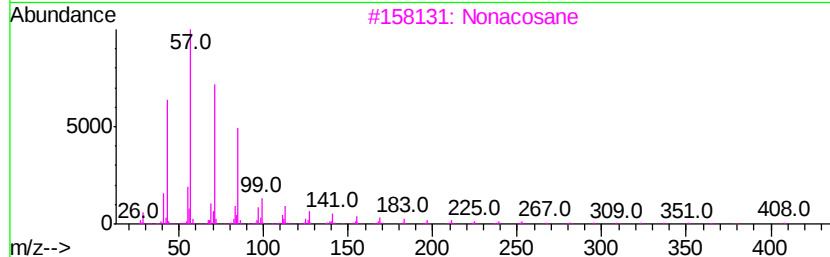
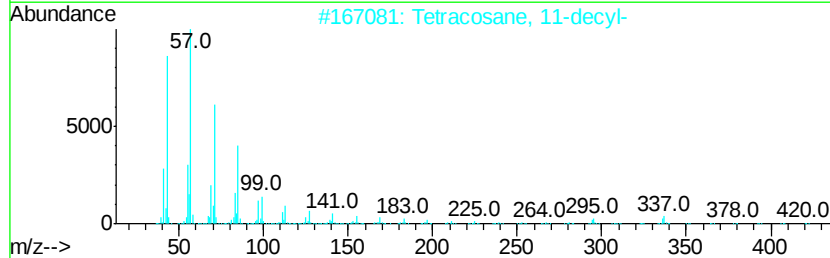
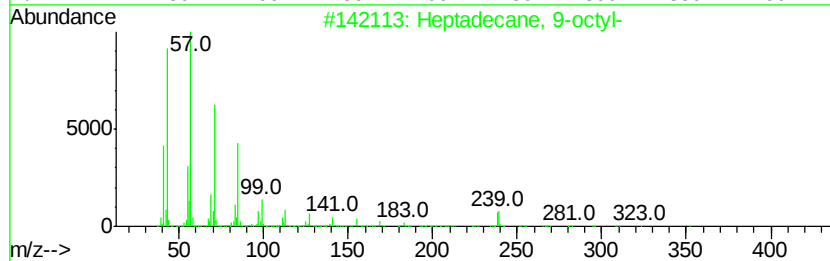
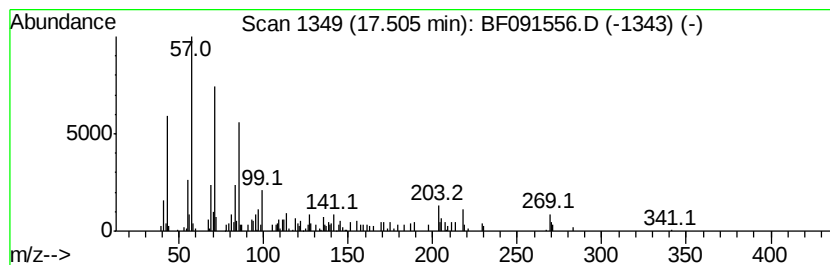
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.97 ng	246574	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
3		Nonacosane	408	C29H60	000630-03-5	72
4		Tetracosane	338	C24H50	000646-31-1	64
5		triacontane	422	C30H62	000638-68-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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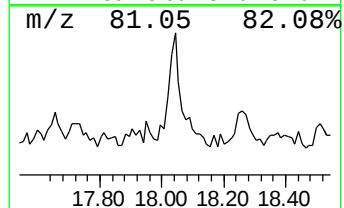
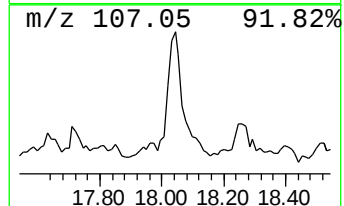
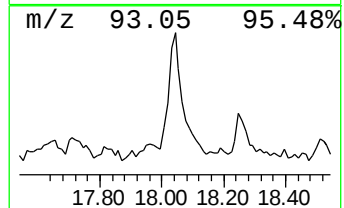
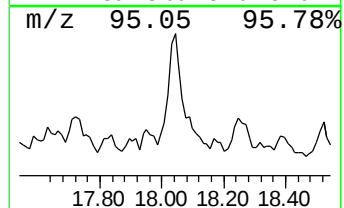
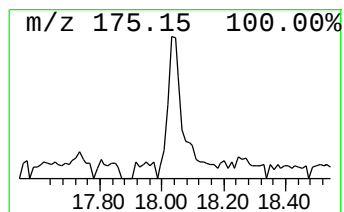
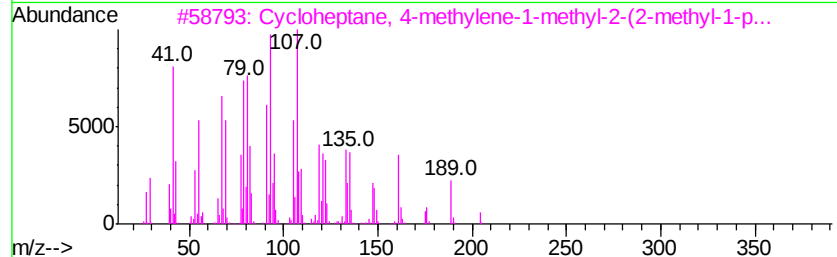
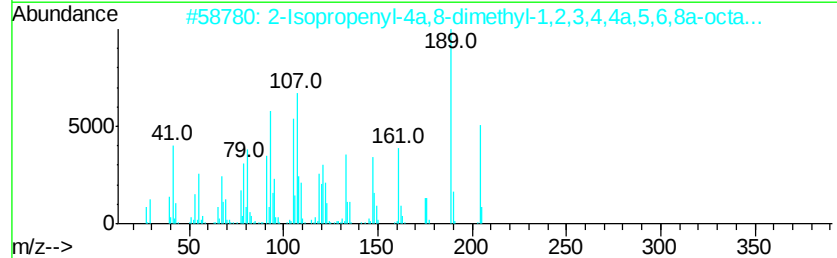
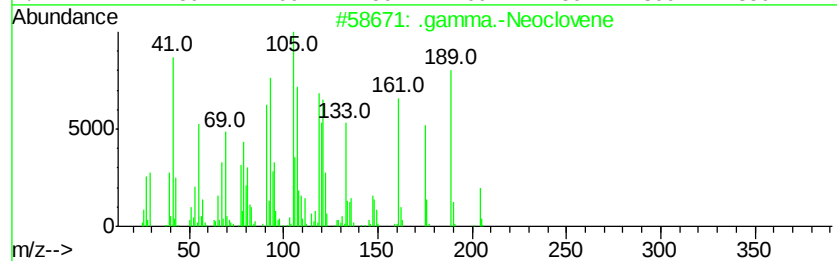
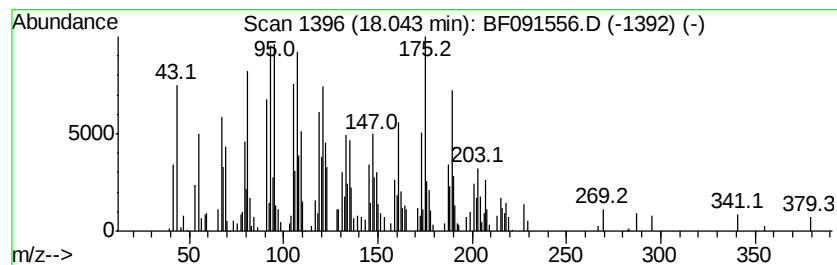
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .gamma.-Neoclovene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.10 ng	422895	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Neoclovene	204	C15H24	1000156-11-7	91
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	81
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	49
4		11-Isopropylidene-tricyclo[4.3.1...	206	C14H22O	1000194-92-5	44
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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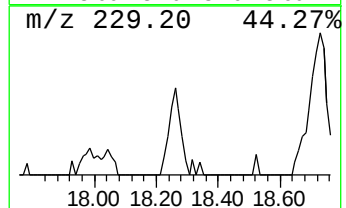
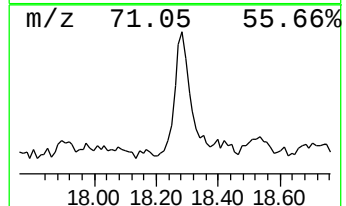
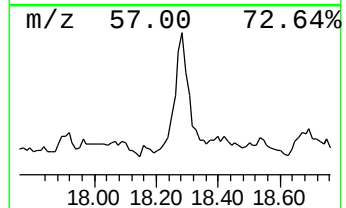
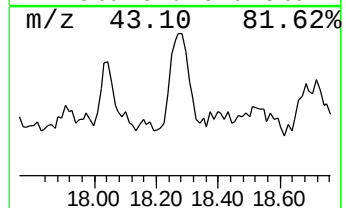
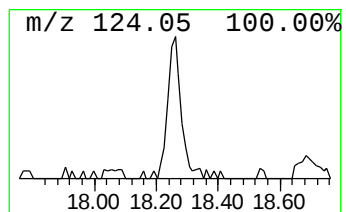
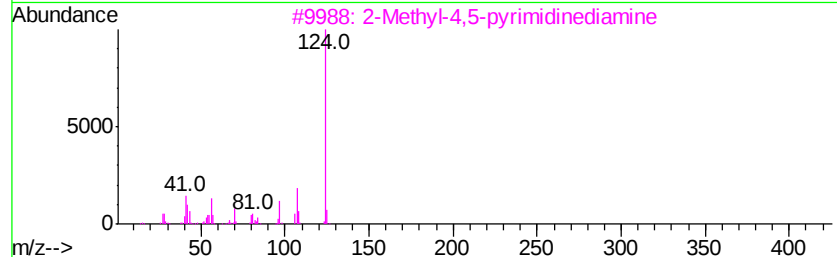
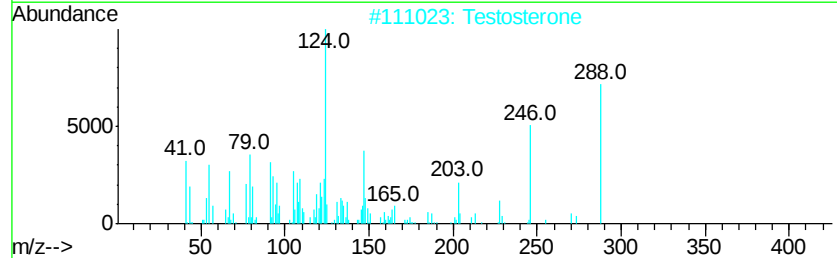
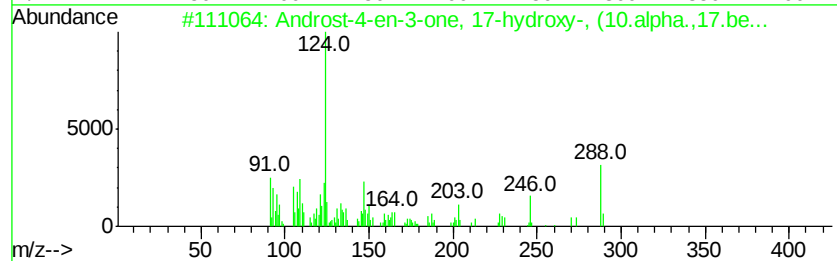
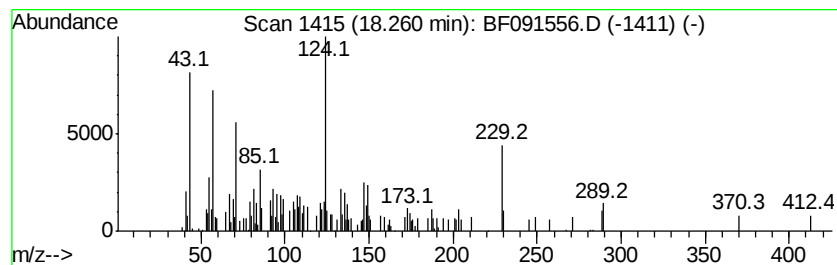
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.22 ng	266584	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	56
2		Testosterone	288	C19H28O2	000058-22-0	41
3		2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30
4		3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	27
5		1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
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Misc :
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ClientSampleId :
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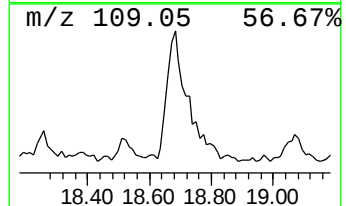
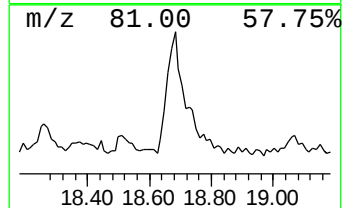
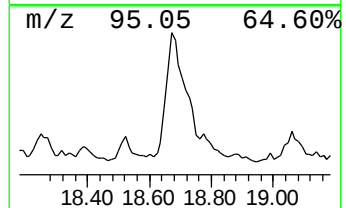
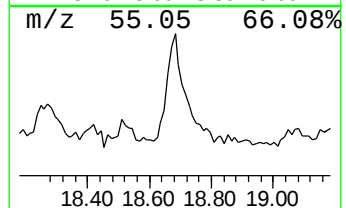
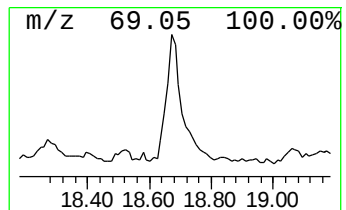
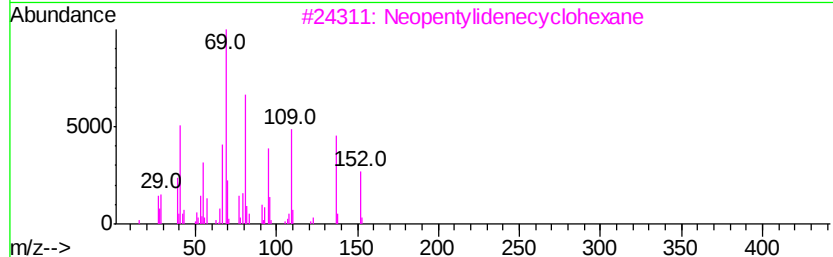
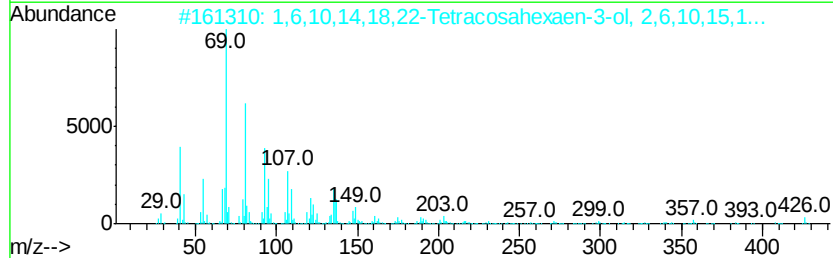
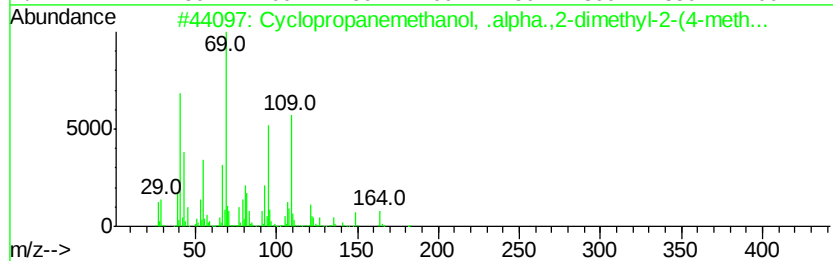
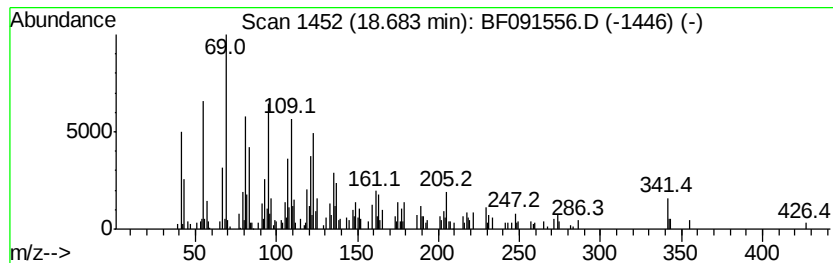
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	8.68 ng	720005	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	43
2		1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	41
3		Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
4		1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	35
5		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091556.D
Acq On : 13 Dec 2016 16:17
Operator : UM/SJ
Sample : H5940-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

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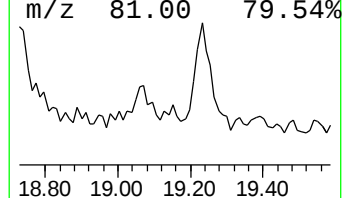
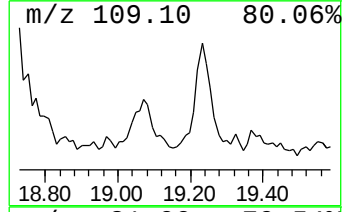
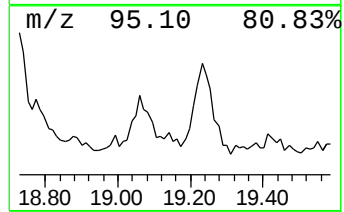
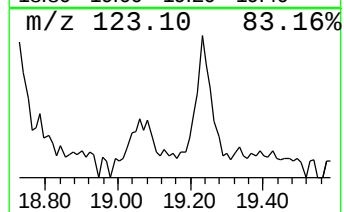
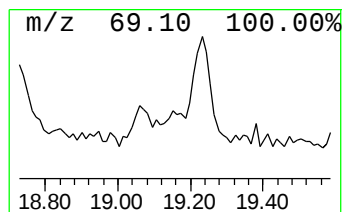
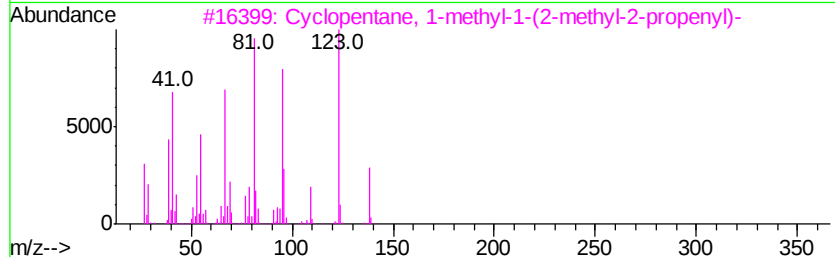
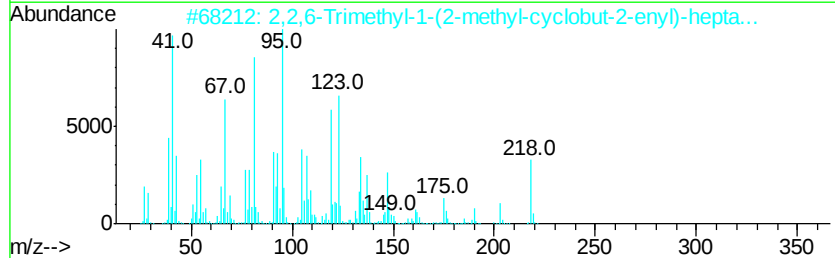
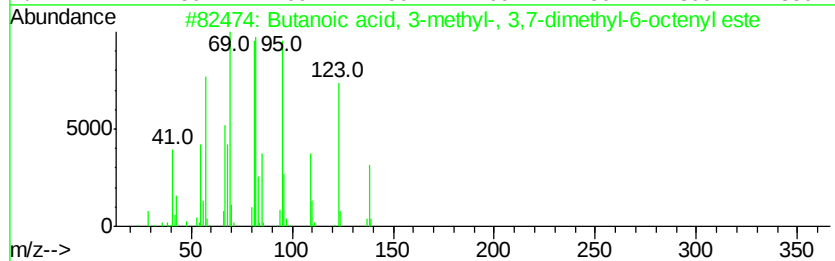
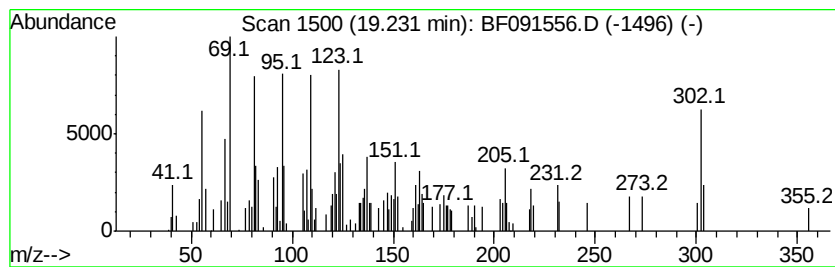
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.60 ng	298649	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	47
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	38
3		Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35
4		dl-Thioctic acid	206	C8H14O2S2	001077-28-7	27
5		1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091556.D
 Acq On : 13 Dec 2016 16:17
 Operator : UM/SJ
 Sample : H5940-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	5.00	40.5	ng	3702140	1	6.81	1826090	20.0
unknown6.59	6.59	103.8	ng	9472590	1	6.81	1826090	20.0
1'-Hydroxy-4,3'-d...	9.34	7.7	ng	1092960	3	9.85	2855000	20.0
Benzeneethanol, 4...	9.42	2.1	ng	295084	3	9.85	2855000	20.0
Eicosane	10.76	2.3	ng	302053	4	11.33	2588140	20.0
unknown11.82	11.82	2.9	ng	379064	4	11.33	2588140	20.0
n-Hexadecanoic acid	11.87	6.1	ng	783853	4	11.33	2588140	20.0
1-Nonadecanol	13.81	7.5	ng	786462	5	13.96	2112640	20.0
Ethanol, 2-(hexad...	14.44	3.7	ng	394212	5	13.96	2112640	20.0
Oxirane, tridecyl-	14.88	2.0	ng	166563	6	15.37	1658320	20.0
Heneicosane	15.06	4.6	ng	384394	6	15.37	1658320	20.0
unknown17.30	17.30	5.4	ng	450447	6	15.37	1658320	20.0
Heptadecane, 9-oc...	17.51	3.0	ng	246574	6	15.37	1658320	20.0
.gamma.-Neoclovene	18.04	5.1	ng	422895	6	15.37	1658320	20.0
Androst-4-en-3-on...	18.26	3.2	ng	266584	6	15.37	1658320	20.0
unknown18.68	18.68	8.7	ng	720005	6	15.37	1658320	20.0
unknown19.23	19.23	3.6	ng	298649	6	15.37	1658320	20.0