

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084895.D
 Acq On : 6 Feb 2016 7:37
 Operator : SJ/IZ
 Sample : H1320-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(15-17)

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-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.087	173	175	181	rBV	33049	57360	1.40%	0.149%
2	4.807	234	238	246	rBV	1059748	1687586	41.32%	4.392%
3	5.253	274	277	279	rBV	3902372	3821249	93.55%	9.946%
4	5.653	311	312	315	rBV	37535	45471	1.11%	0.118%
5	6.316	367	370	372	rBV	3890879	4084640	100.00%	10.631%
6	6.430	377	380	382	rBV	4363228	3938418	96.42%	10.251%
7	6.659	398	400	402	rBV	1318308	1068430	26.16%	2.781%
8	6.819	411	414	416	rBV	3141369	2979295	72.94%	7.754%
9	7.230	447	450	452	rBV	2575493	2360591	57.79%	6.144%
10	7.950	510	513	515	rBV	1457811	1387605	33.97%	3.612%
11	9.025	604	607	610	rBV	3892639	3647365	89.29%	9.493%
12	9.425	640	642	644	rBV	626924	516644	12.65%	1.345%
13	9.642	659	661	663	rBV	158458	125389	3.07%	0.326%
14	9.699	663	666	668	rBV	1327100	1369722	33.53%	3.565%
15	9.871	678	681	683	rBV	24948	43806	1.07%	0.114%
16	10.145	702	705	706	rVB	195417	175440	4.30%	0.457%
17	10.362	721	724	727	rBV	69140	108404	2.65%	0.282%
18	10.488	732	735	737	rBV2	1897884	2410608	59.02%	6.274%
19	10.613	744	746	753	rVB	233988	268098	6.56%	0.698%
20	10.808	760	763	765	rBV2	27021	41840	1.02%	0.109%
21	11.059	783	785	786	rBV	119022	99106	2.43%	0.258%
22	11.174	792	795	797	rBV	1492650	1262488	30.91%	3.286%
23	11.722	842	843	845	rBV	54091	43275	1.06%	0.113%
24	11.894	854	858	862	rBV2	31446	48837	1.20%	0.127%
25	12.602	918	920	922	rBV	244823	303500	7.43%	0.790%
26	12.671	925	926	928	rVB	57322	50548	1.24%	0.132%
27	12.762	931	934	936	rBV	3407397	3089918	75.65%	8.042%
28	13.002	951	955	957	rBV2	28624	49494	1.21%	0.129%
29	13.299	979	981	983	rBV	213236	191697	4.69%	0.499%
30	13.665	1011	1013	1022	rBV	445625	763274	18.69%	1.987%
31	13.802	1022	1025	1027	rBV	1095857	972135	23.80%	2.530%
32	13.997	1039	1042	1045	rBV3	29068	61054	1.49%	0.159%
33	14.294	1066	1068	1074	rVB2	34263	85656	2.10%	0.223%
34	14.648	1097	1099	1101	rBV	214012	226853	5.55%	0.590%

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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

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35	15.174	1142	1145	1147	rBV	716650	862286	21.11%	2.244%
36	15.220	1147	1149	1152	rVB2	28258	45685	1.12%	0.119%
37	15.643	1184	1186	1190	rBV3	43382	127149	3.11%	0.331%

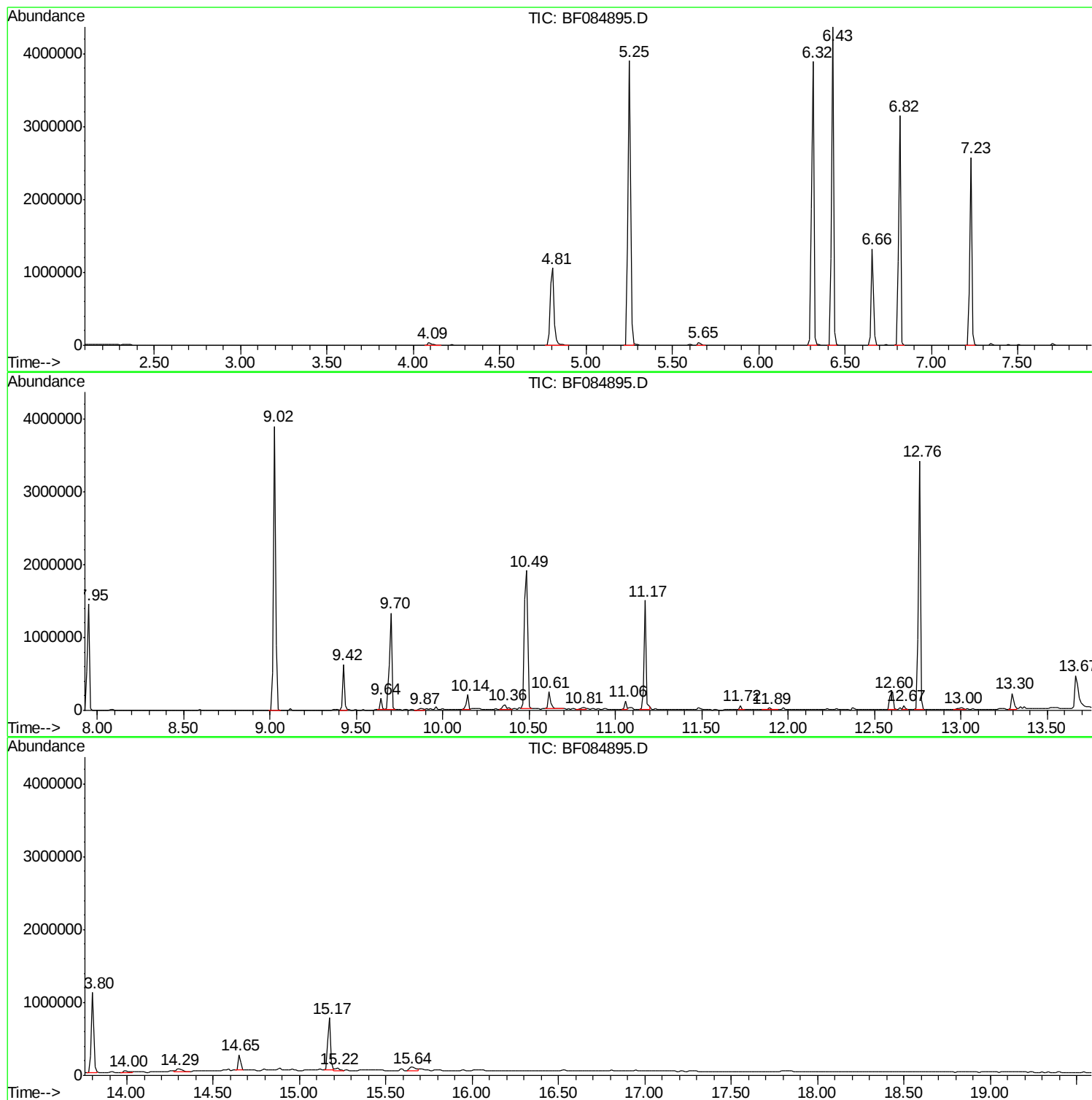
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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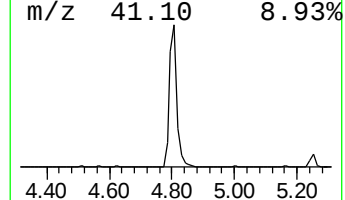
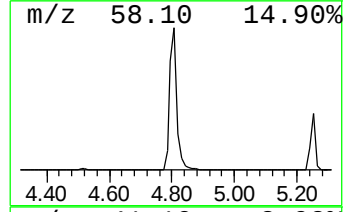
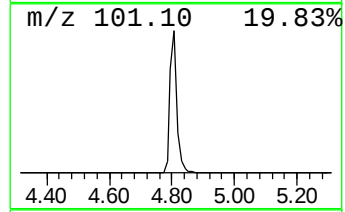
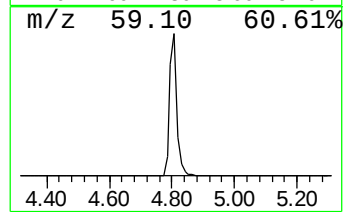
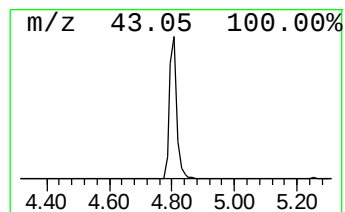
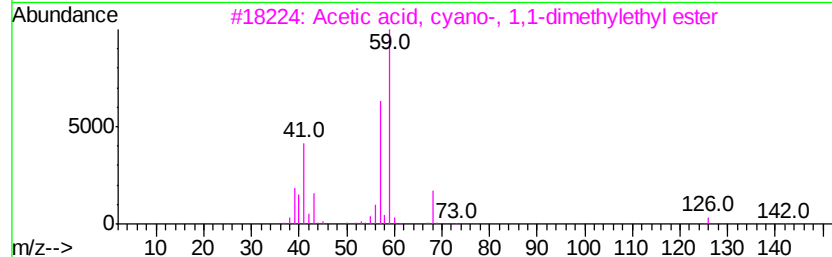
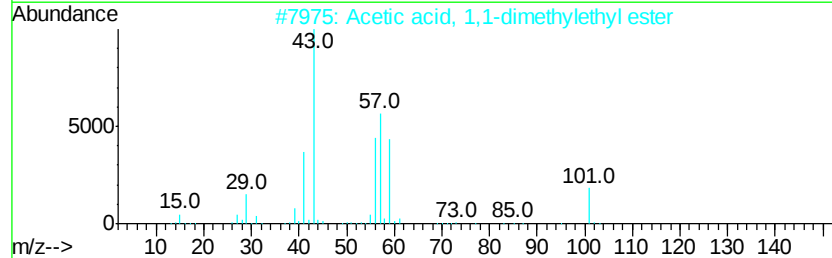
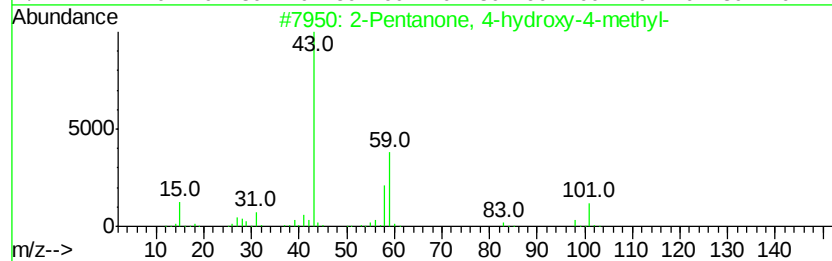
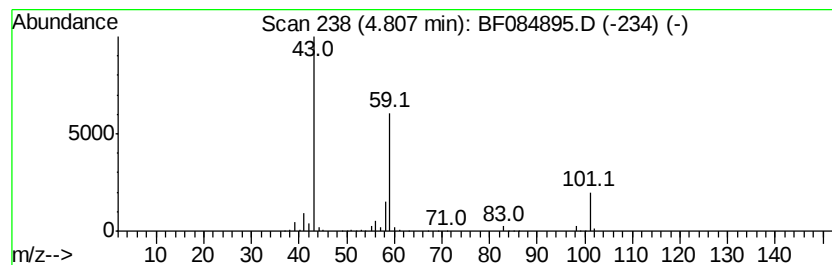
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	31.59 ng	1687590	1,4-Dichlorobenzene-d4	6.66

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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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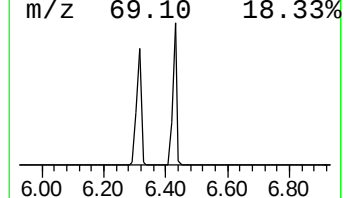
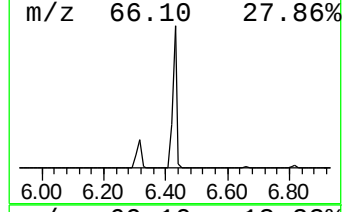
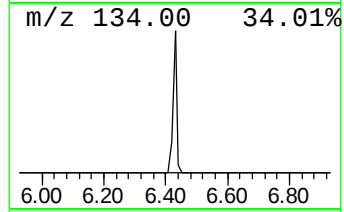
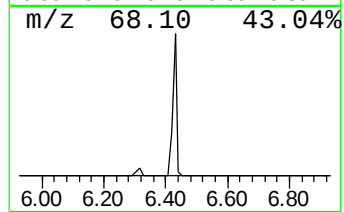
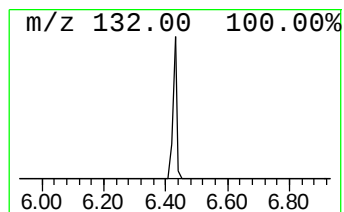
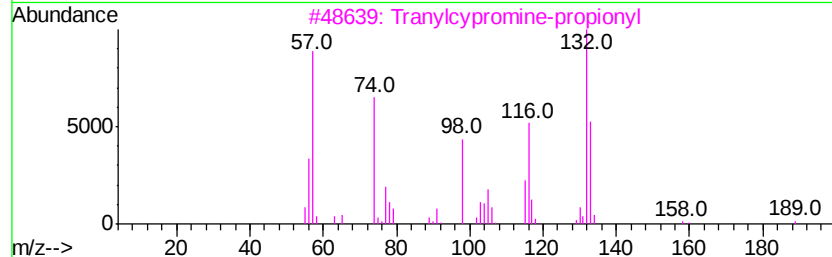
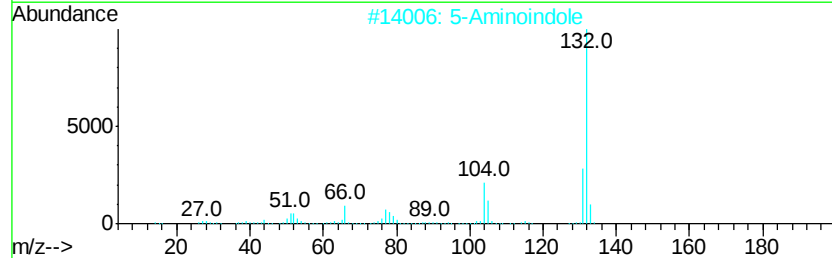
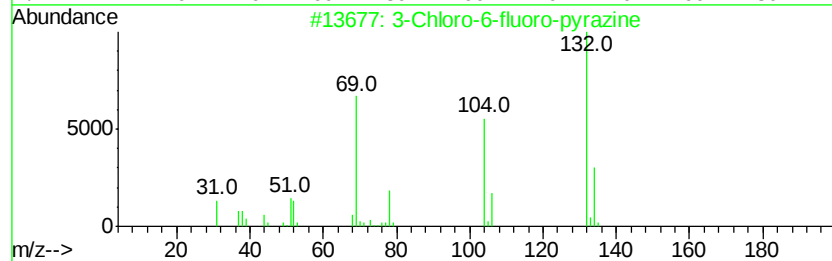
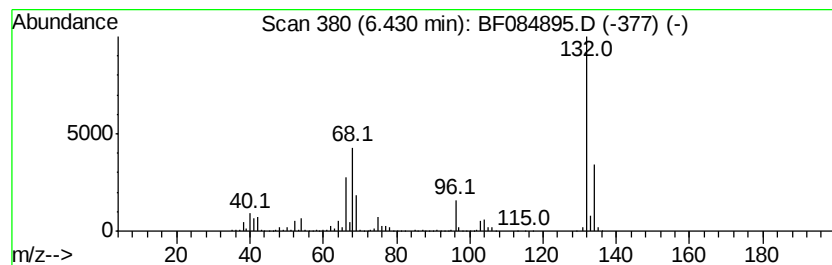
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	73.72 ng	3938420	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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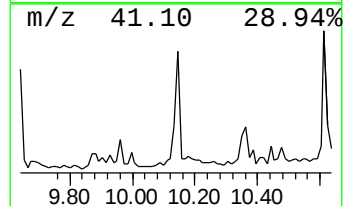
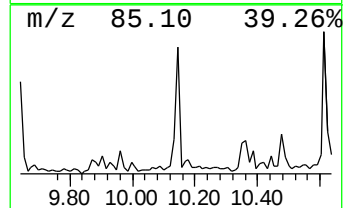
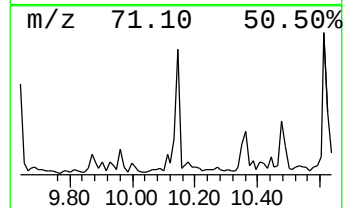
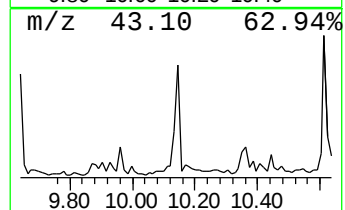
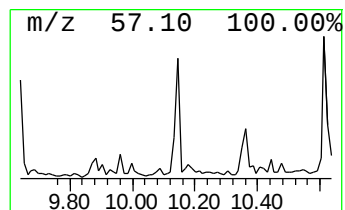
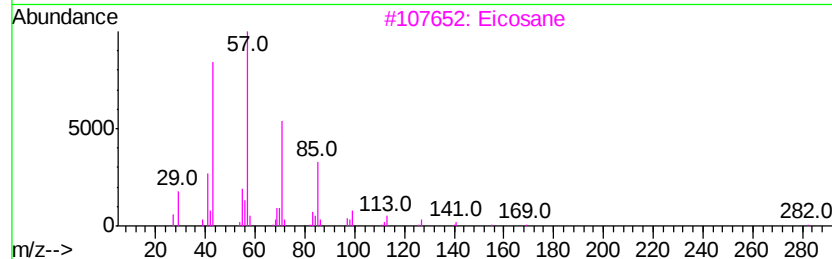
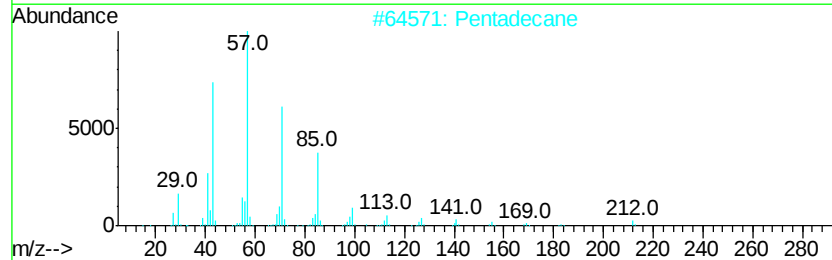
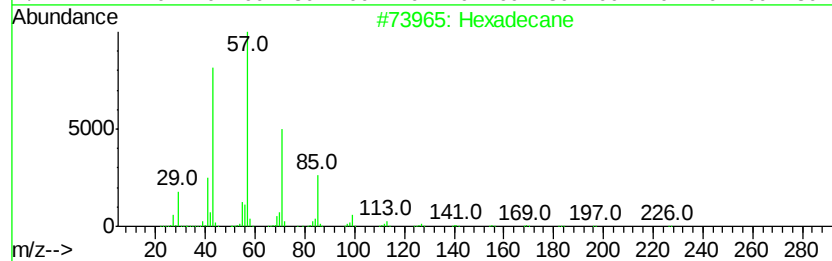
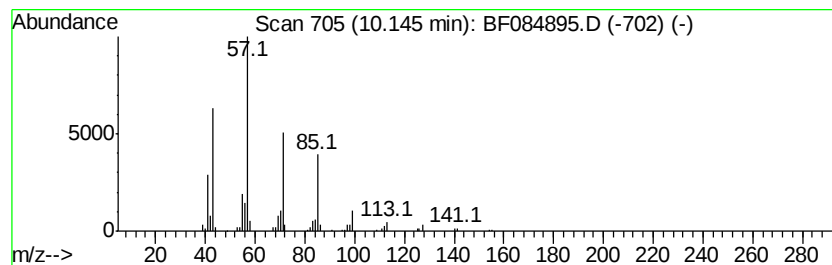
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.14	2.56 ng	175440	Acenaphthene-d10		9.70
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Heptadecane	240	C17H36	000629-78-7	72



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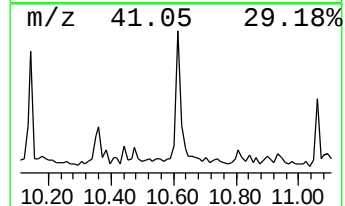
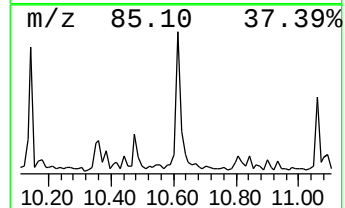
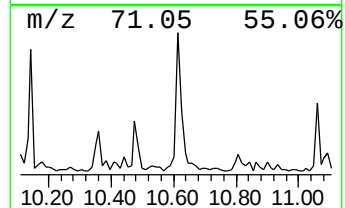
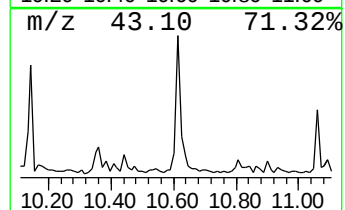
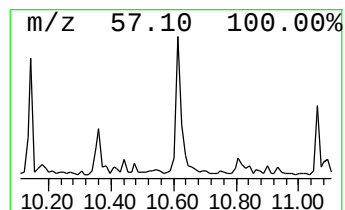
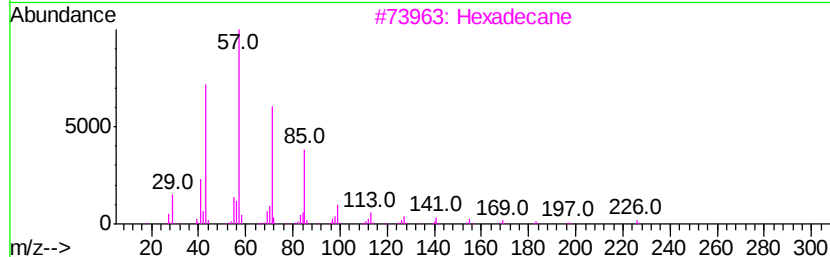
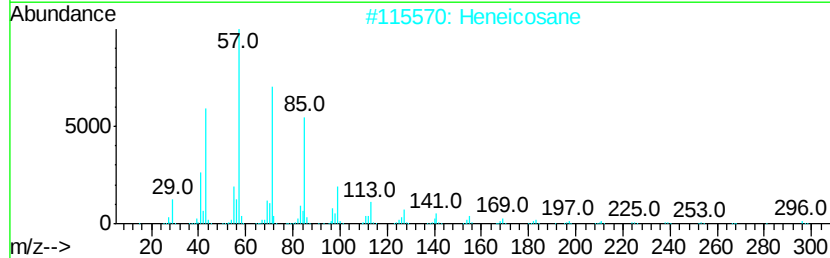
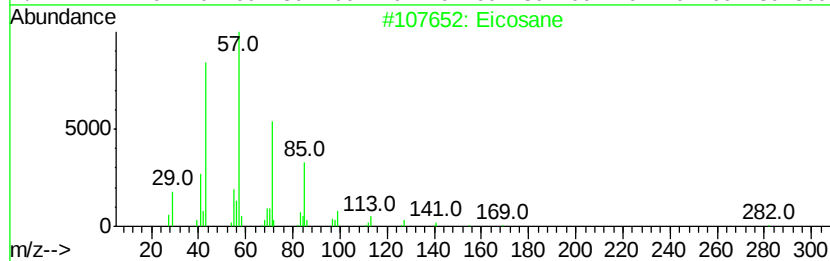
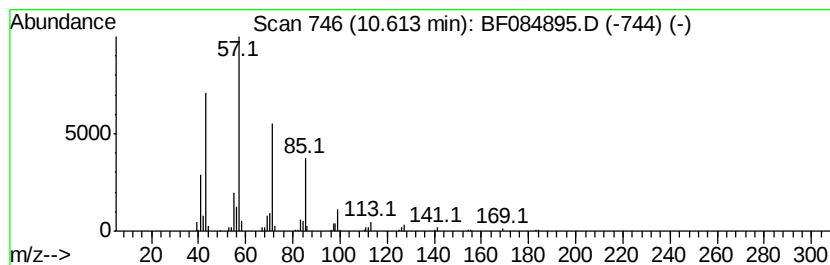
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	4.25 ng	268098	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	89



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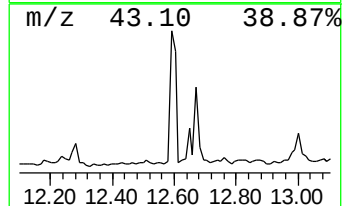
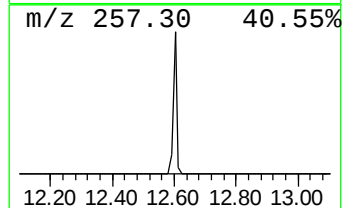
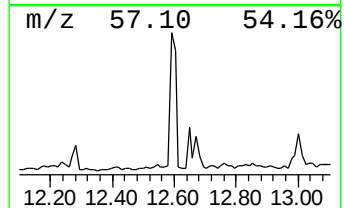
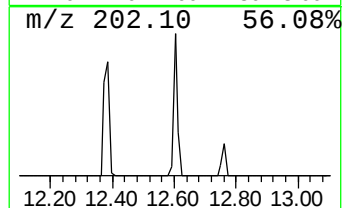
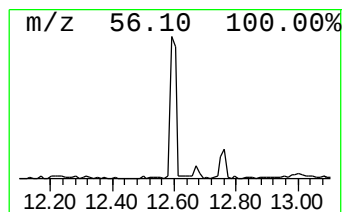
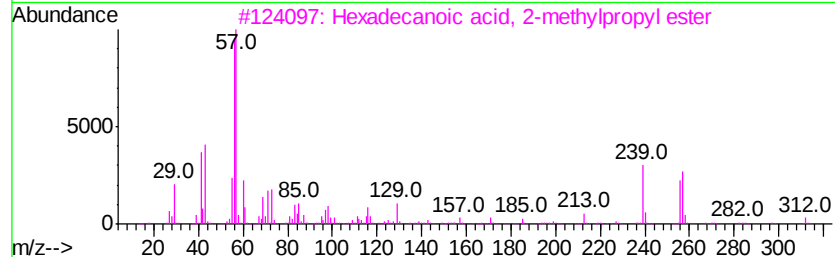
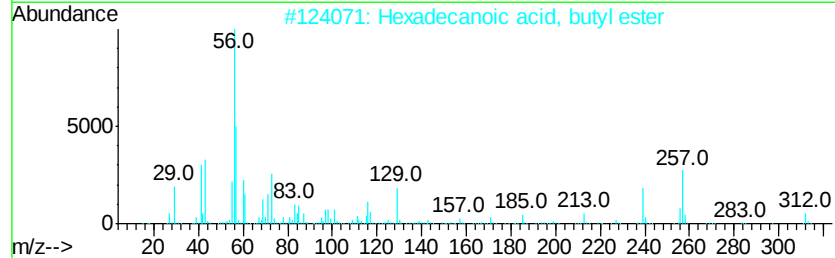
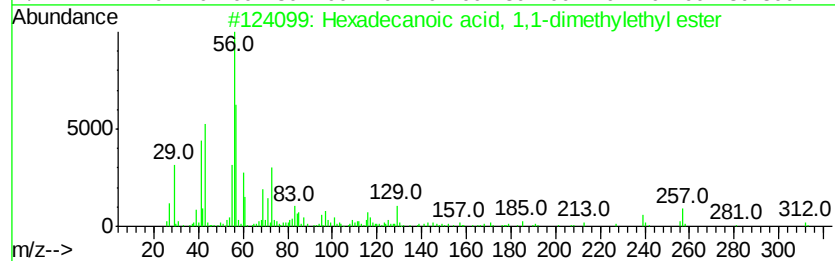
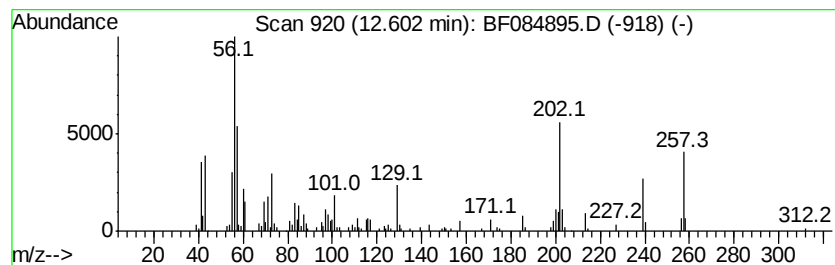
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Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.24 ng	303500	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	68
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	52
4		n-Butyl laurate	256	C16H32O2	000106-18-3	38
5		Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	14



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ClientSampleId :
S4-B015(15-17)

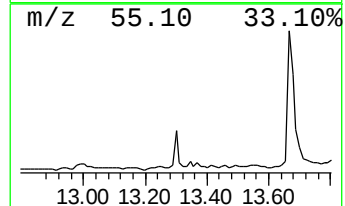
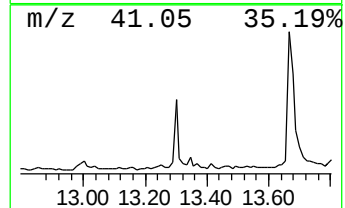
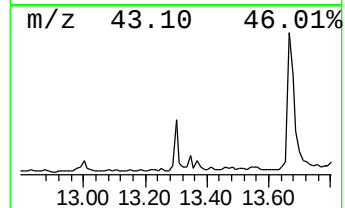
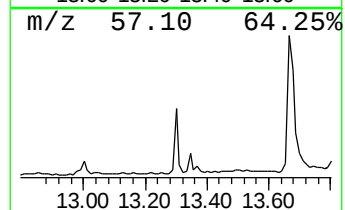
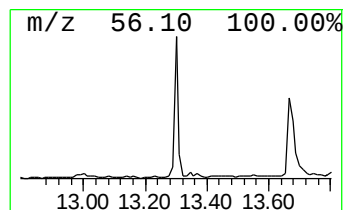
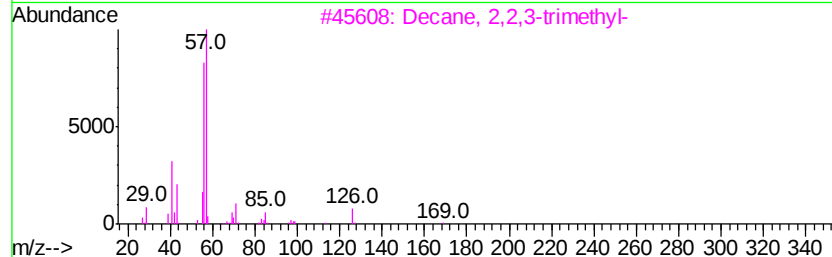
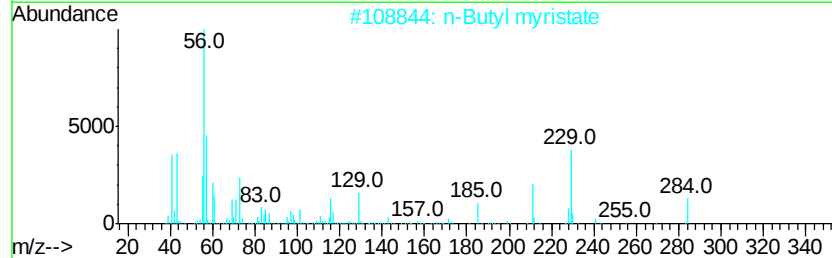
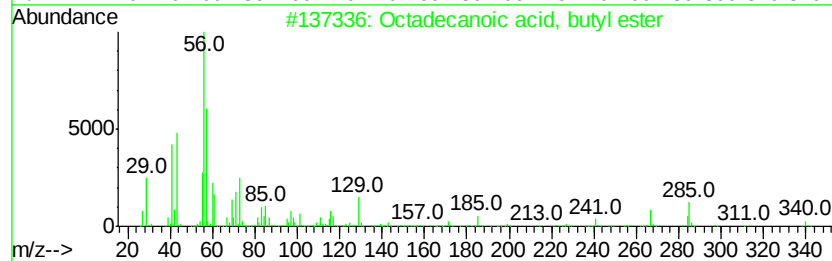
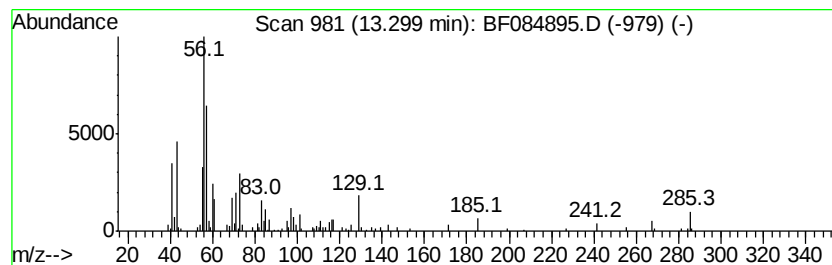
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.94 ng	191697	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
4		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084895.D
Acq On : 6 Feb 2016 7:37
Operator : SJ/IZ
Sample : H1320-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B015(15-17)

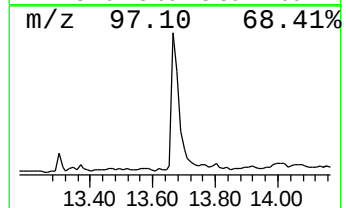
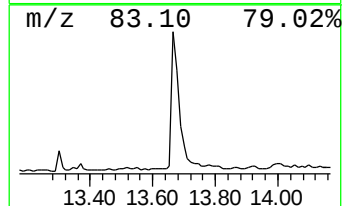
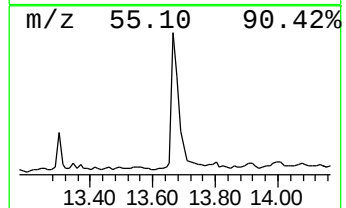
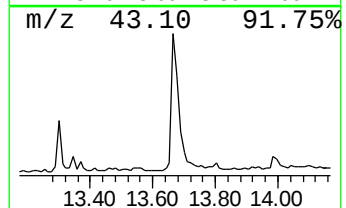
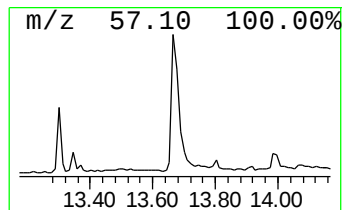
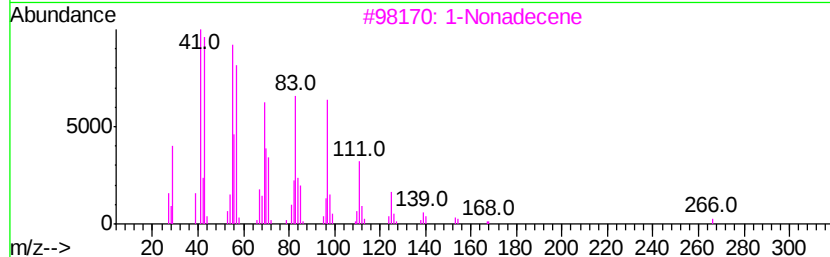
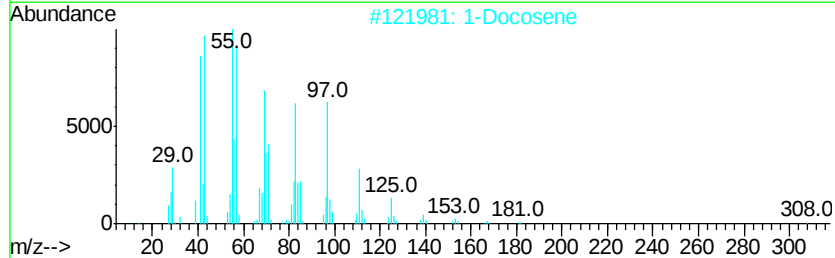
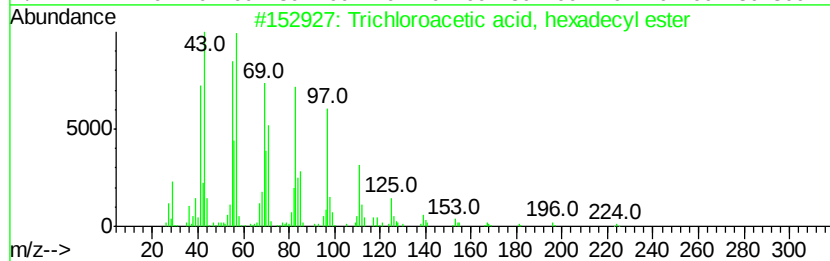
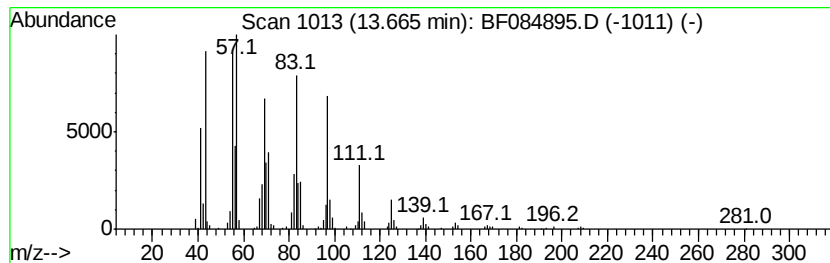
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	15.70 ng	763274	Chrysene-d12	13.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084895.D
Acq On : 6 Feb 2016 7:37
Operator : SJ/IZ
Sample : H1320-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B015(15-17)

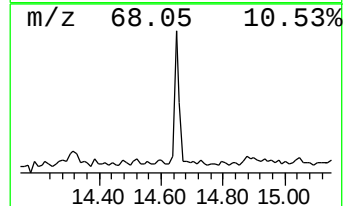
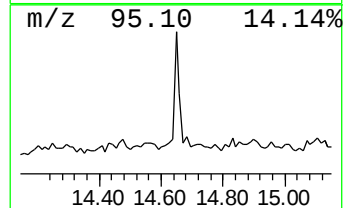
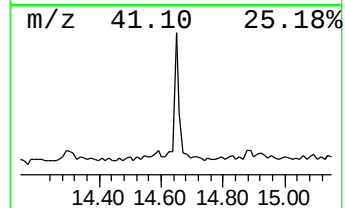
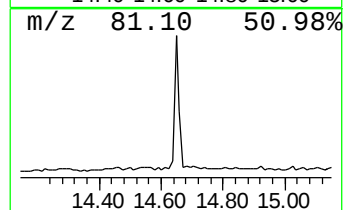
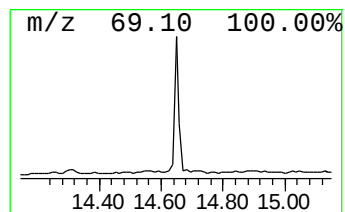
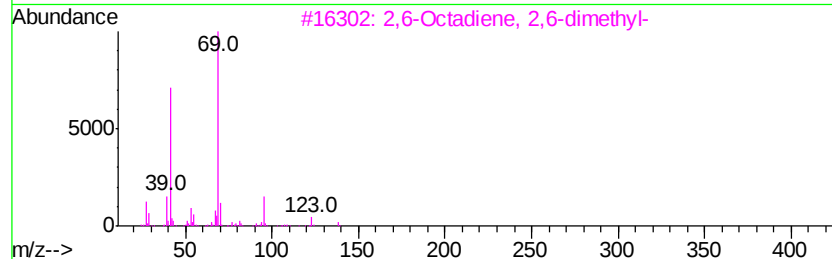
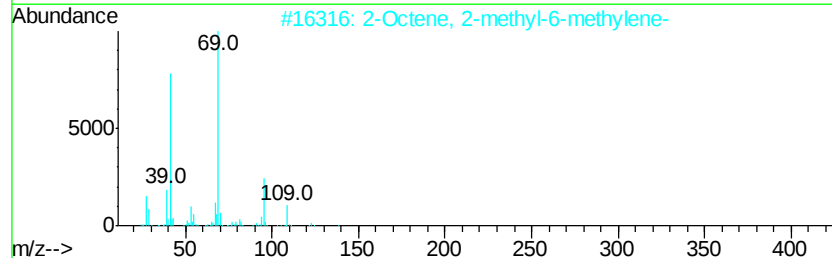
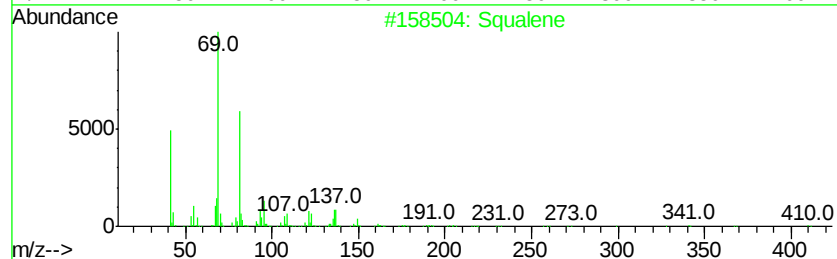
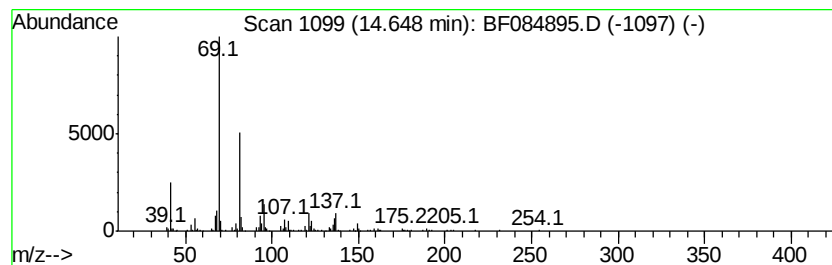
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	5.26 ng	226853	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	53
3		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
4		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	50
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084895.D
Acq On : 6 Feb 2016 7:37
Operator : SJ/IZ
Sample : H1320-15
Misc :
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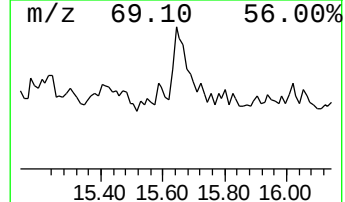
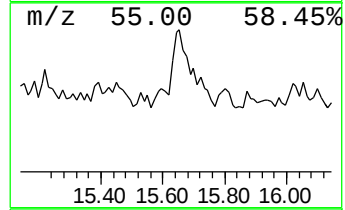
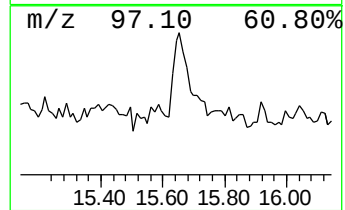
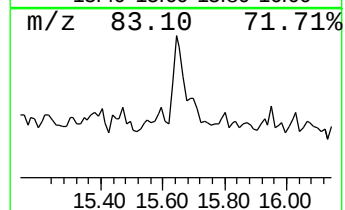
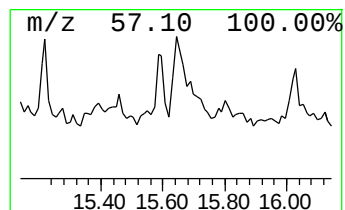
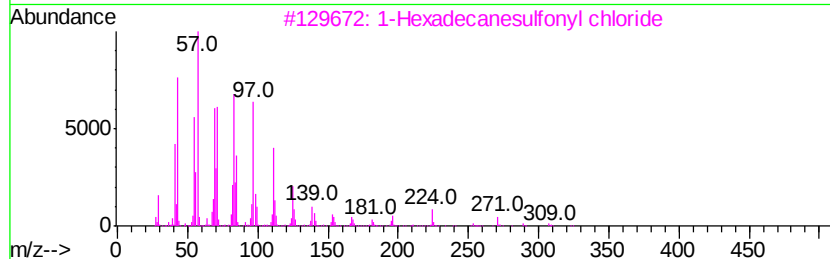
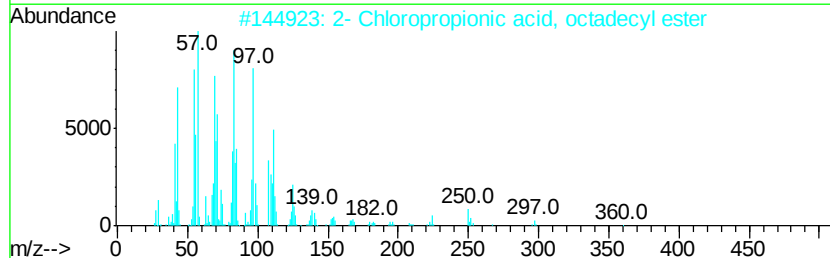
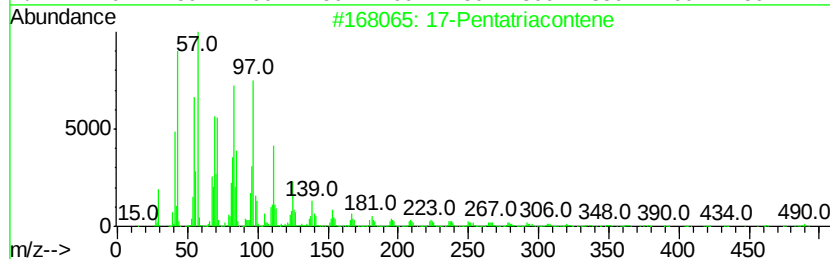
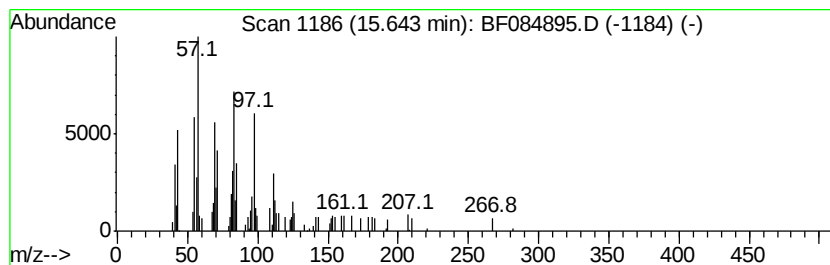
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 17-Pentatriacontene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.95 ng	127149	Perylene-d12	15.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	87
2	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	86
3	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	83
4	Cyclopentadecane	210 C15H30	000295-48-7	78
5	1-Pentadecene	210 C15H30	013360-61-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084895.D
Acq On : 6 Feb 2016 7:37
Operator : SJ/IZ
Sample : H1320-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B015(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	31.6	ng	1687590	1	6.66	1068430	20.0
unknown6.43	6.43	73.7	ng	3938420	1	6.66	1068430	20.0
Hexadecane	10.14	2.6	ng	175440	3	9.70	1369720	20.0
Eicosane	10.61	4.3	ng	268098	4	11.17	1262490	20.0
Hexadecanoic acid...	12.60	6.2	ng	303500	5	13.80	972135	20.0
Octadecanoic acid...	13.30	3.9	ng	191697	5	13.80	972135	20.0
Trichloroacetic a...	13.67	15.7	ng	763274	5	13.80	972135	20.0
Squalene	14.65	5.3	ng	226853	6	15.17	862286	20.0
17-Pentatriacontene	15.64	3.0	ng	127149	6	15.17	862286	20.0