

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084819.D
 Acq On : 4 Feb 2016 7:24
 Operator : SJ/IZ
 Sample : H1322-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(21-23)

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	4.144	178	180	185	rBV	46810	68718	1.45%	0.156%
2	4.842	238	241	249	rBV	1226675	1791956	37.85%	4.061%
3	5.287	277	280	282	rBV	3907276	4726943	99.84%	10.713%
4	5.687	313	315	317	rVB	62183	53625	1.13%	0.122%
5	6.339	369	372	374	rBV	4264631	4734396	100.00%	10.730%
6	6.453	379	382	385	rVB	4428064	4278854	90.38%	9.697%
7	6.682	400	402	405	rBV	1304508	1092137	23.07%	2.475%
8	6.842	413	416	418	rBV	3882255	3533065	74.63%	8.007%
9	7.253	449	452	455	rBV	2640472	2763325	58.37%	6.263%
10	7.379	457	463	469	rBV	55946	99860	2.11%	0.226%
11	7.973	512	515	517	rBV	1595723	1525457	32.22%	3.457%
12	9.048	606	609	612	rBV	3289816	4656256	98.35%	10.553%
13	9.448	642	644	646	rBV	705599	651657	13.76%	1.477%
14	9.665	661	663	665	rBV	108752	111836	2.36%	0.253%
15	9.722	665	668	671	rVB	1816289	1622036	34.26%	3.676%
16	10.168	705	707	709	rVB	230118	180246	3.81%	0.408%
17	10.385	723	726	729	rBV	75367	119256	2.52%	0.270%
18	10.511	734	737	739	rVV	3254454	3149672	66.53%	7.138%
19	10.636	746	748	753	rBV	247529	291422	6.16%	0.660%
20	10.831	763	765	767	rBV	37351	52385	1.11%	0.119%
21	11.082	786	787	789	rBV	142570	134088	2.83%	0.304%
22	11.196	795	797	800	rVV	1334455	1468766	31.02%	3.329%
23	11.254	800	802	807	rVB2	23697	51745	1.09%	0.117%
24	11.505	823	824	826	rBV	42892	58381	1.23%	0.132%
25	11.745	844	845	849	rBV	57257	83712	1.77%	0.190%
26	11.916	856	860	861	rBV2	27046	48166	1.02%	0.109%
27	12.339	895	897	901	rVB	43911	55241	1.17%	0.125%
28	12.625	920	922	925	rBV2	128313	128286	2.71%	0.291%
29	12.785	934	936	939	rBV	3053495	3782356	79.89%	8.572%
30	13.322	981	983	985	rBV	56468	66564	1.41%	0.151%
31	13.357	985	986	991	rVB5	18523	49340	1.04%	0.112%
32	13.700	1013	1016	1025	rBV	246497	432284	9.13%	0.980%
33	13.825	1025	1027	1030	rBV	1039155	1162663	24.56%	2.635%
34	14.340	1068	1072	1077	rBV4	20520	61143	1.29%	0.139%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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35	14.591	1092	1094	1098	rBV2	45328	69297	1.46%	0.157%
36	15.208	1145	1148	1150	rBV	698166	906778	19.15%	2.055%
37	15.700	1188	1191	1199	rVB8	16581	62094	1.31%	0.141%

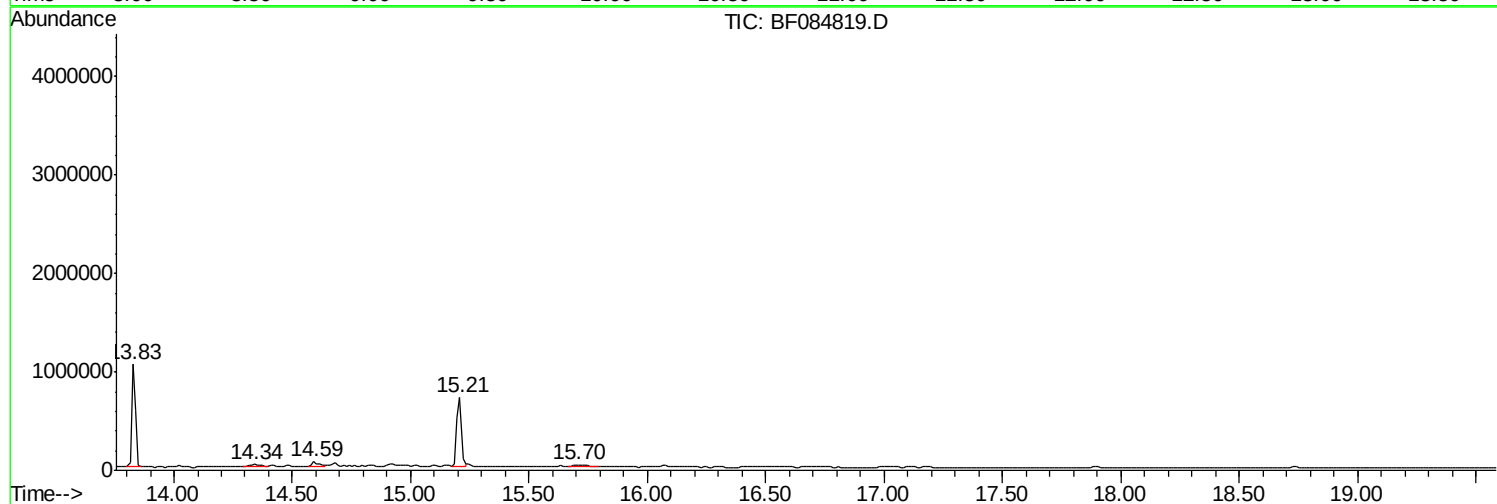
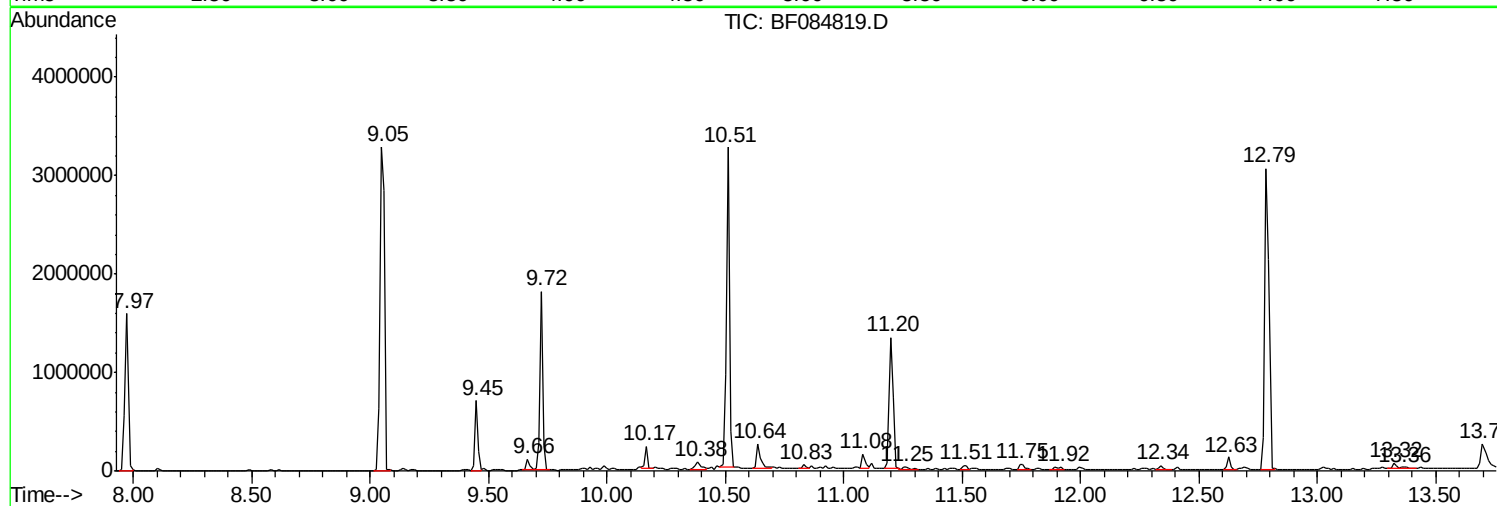
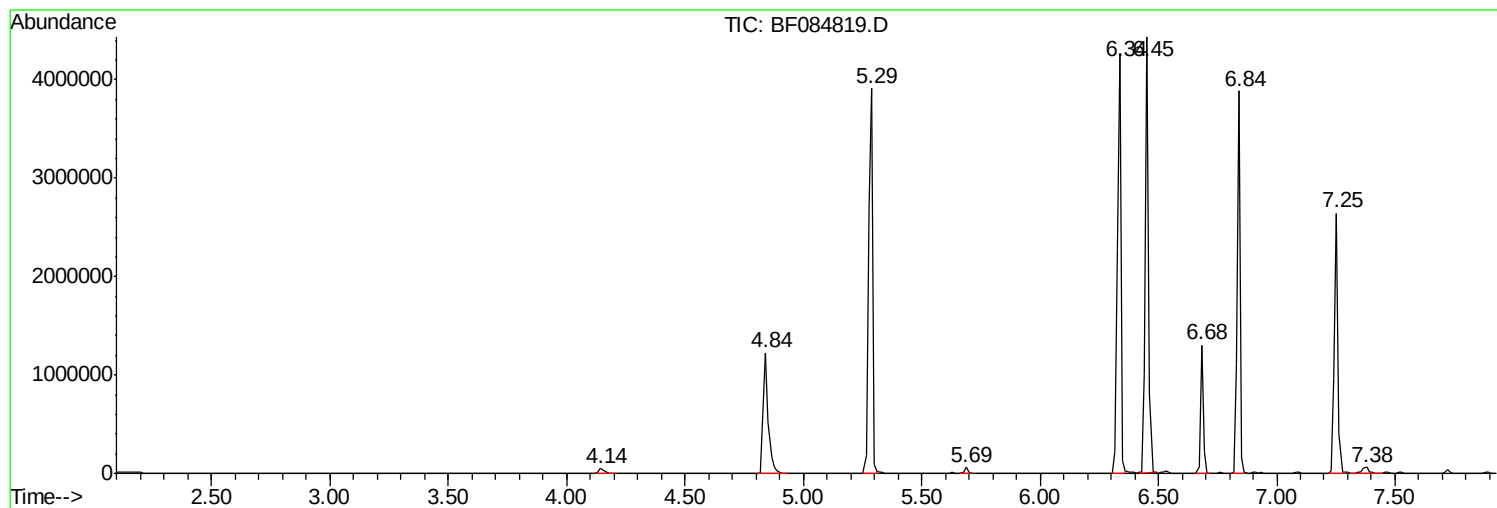
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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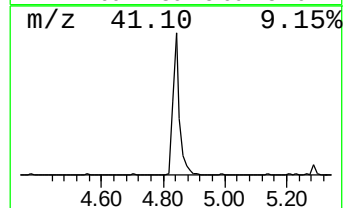
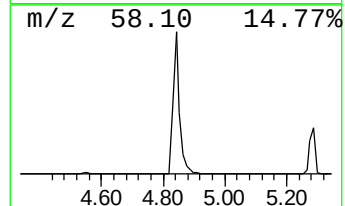
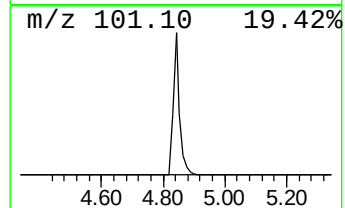
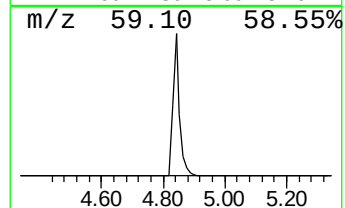
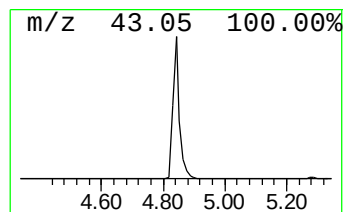
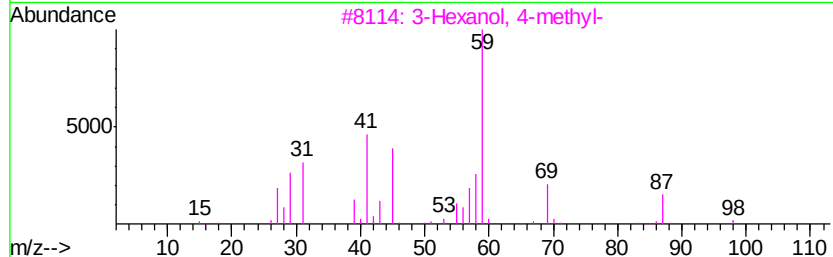
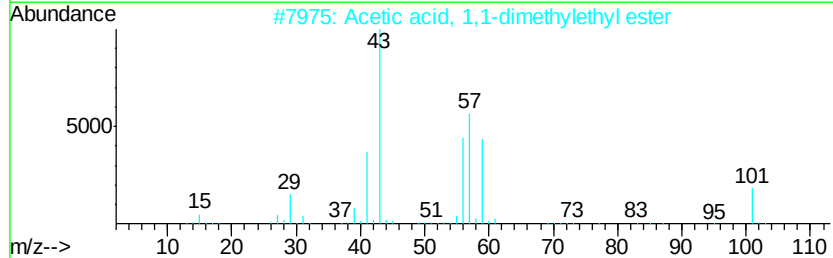
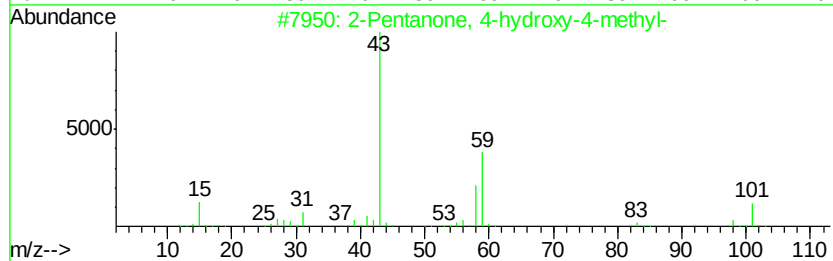
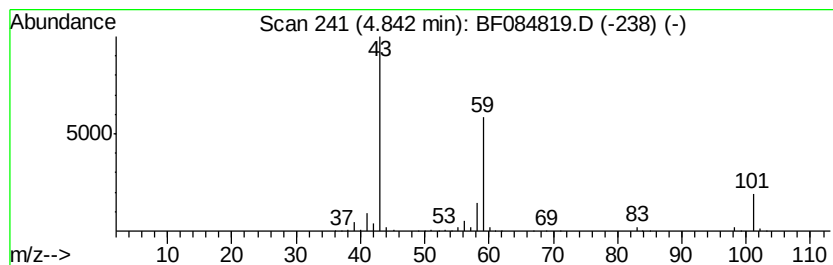
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.84	32.82 ng	1791960	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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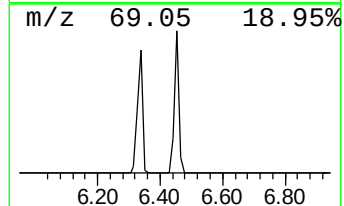
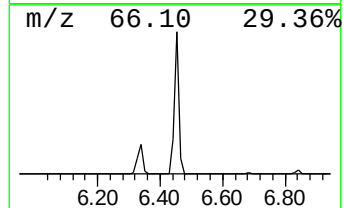
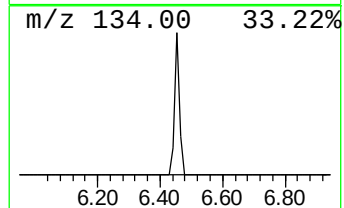
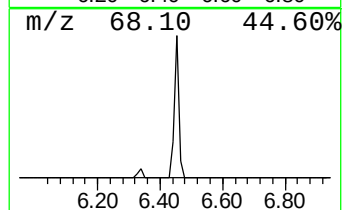
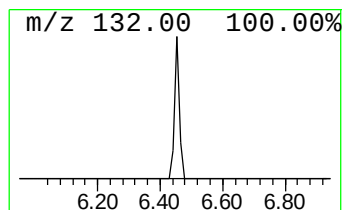
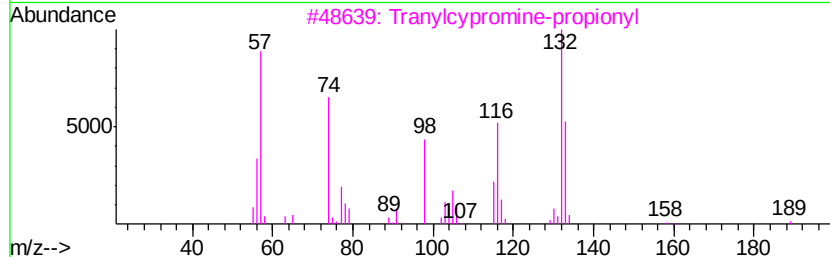
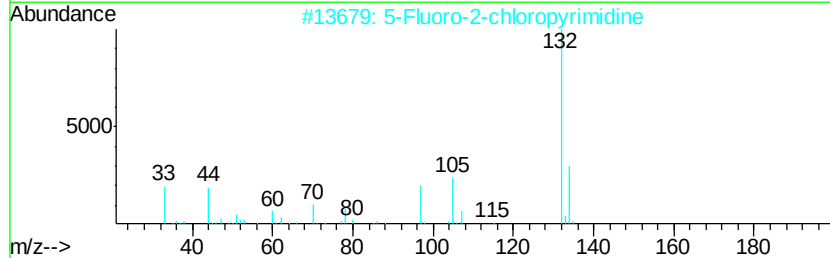
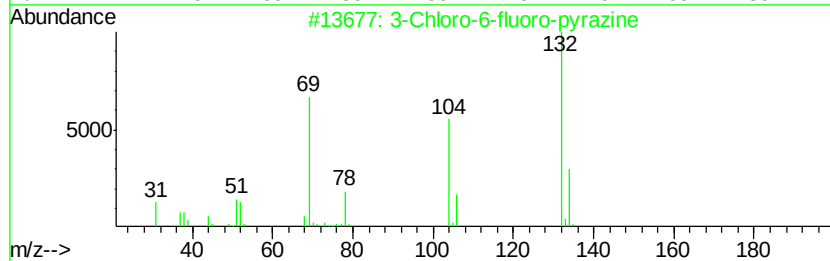
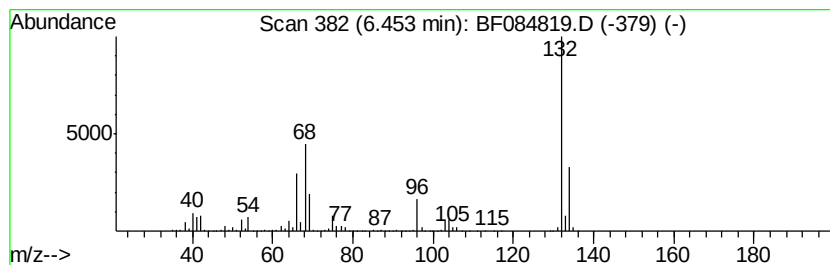
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	78.36 ng	4278850	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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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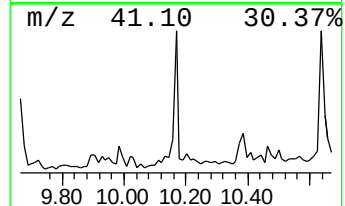
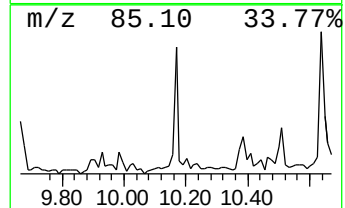
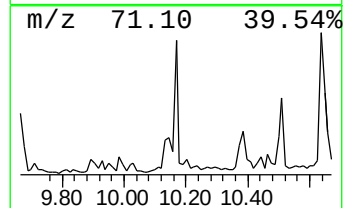
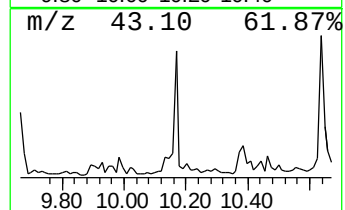
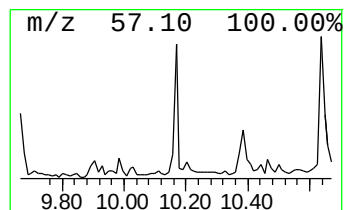
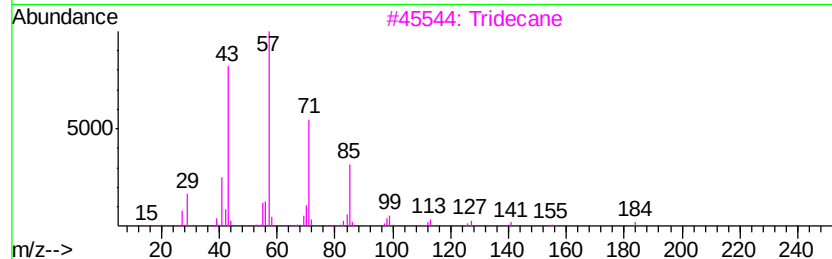
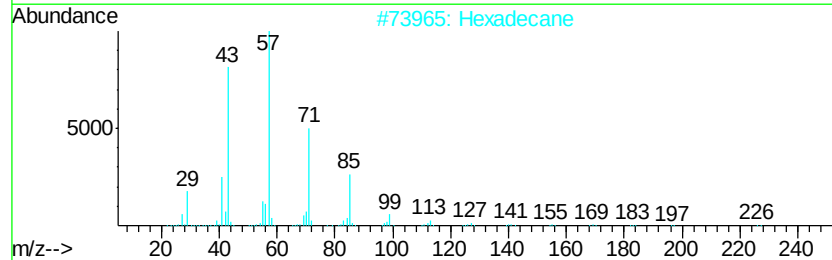
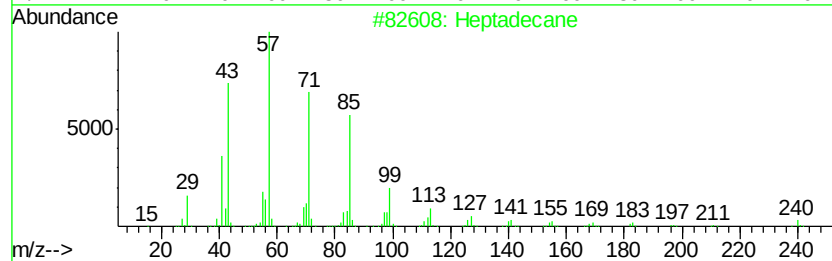
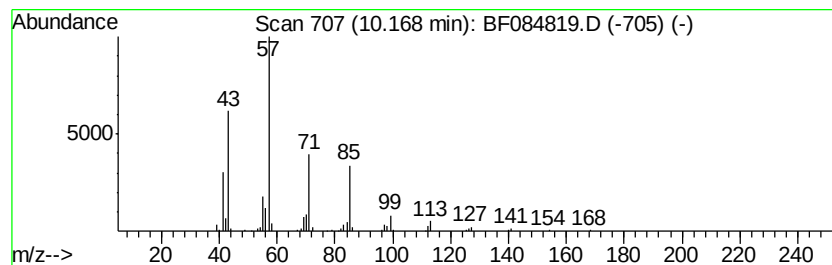
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.17	2.22 ng	180246	Acenaphthene-d10	9.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetracosane	338	C24H50	000646-31-1	78
5	Eicosane	282	C20H42	000112-95-8	74



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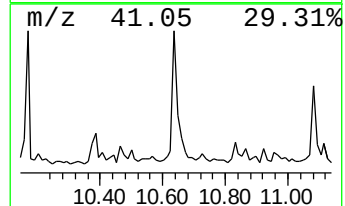
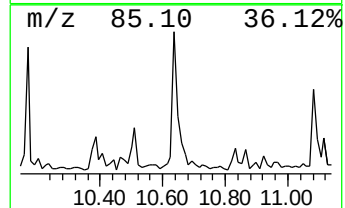
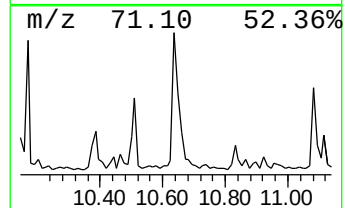
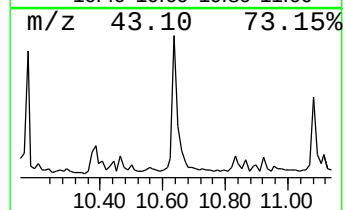
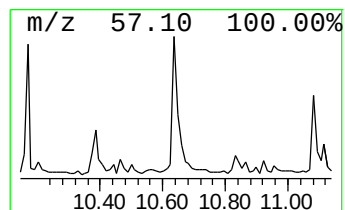
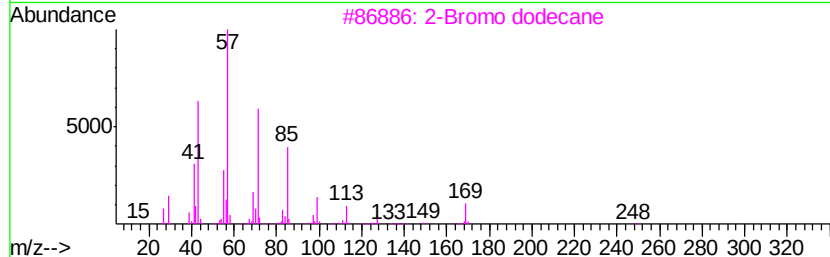
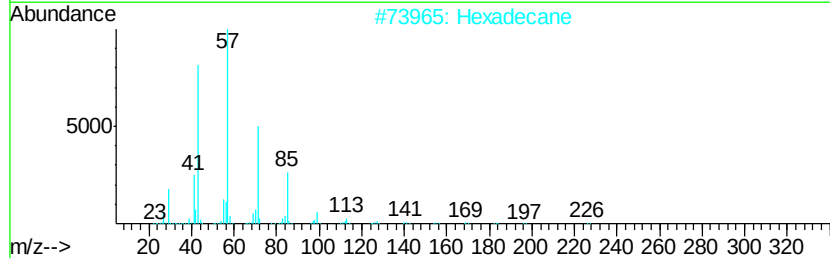
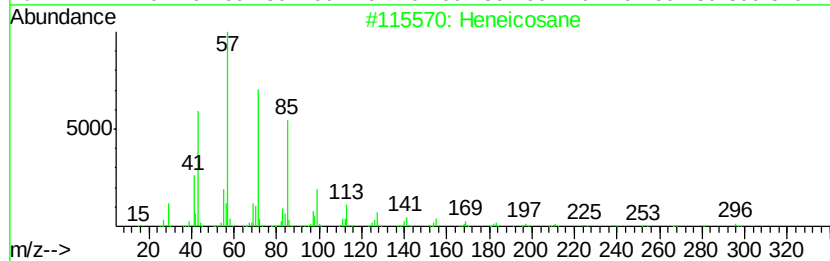
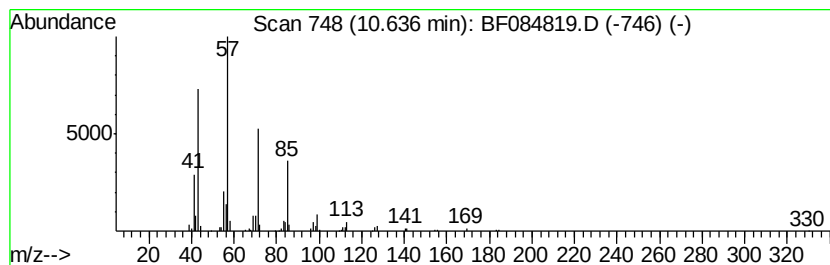
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	3.97 ng	291422	Phenanthrene-d10		11.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	81



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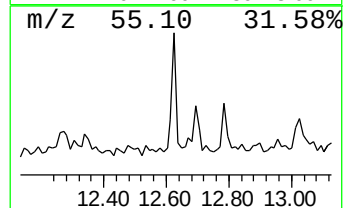
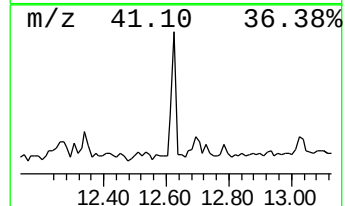
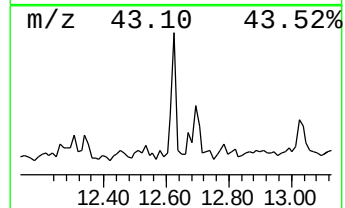
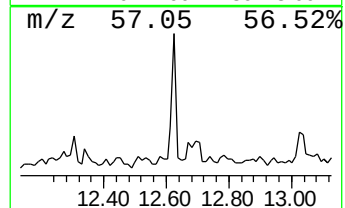
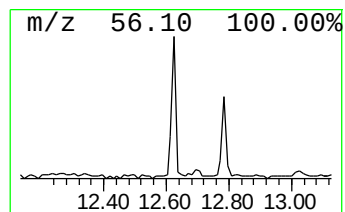
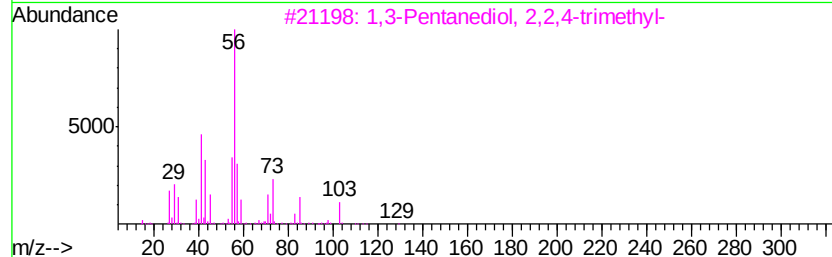
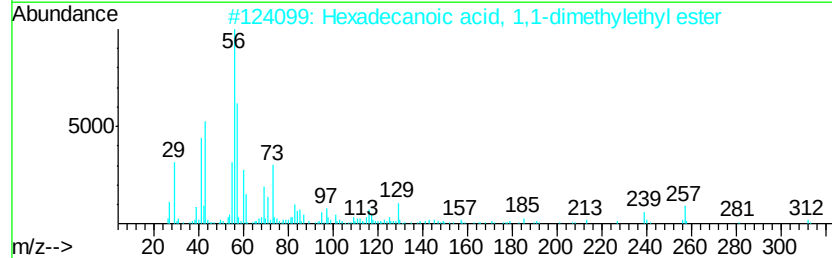
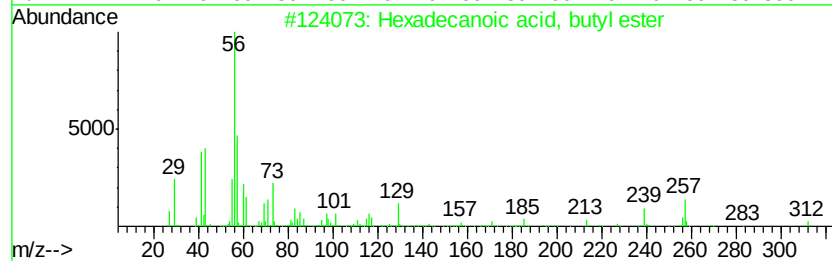
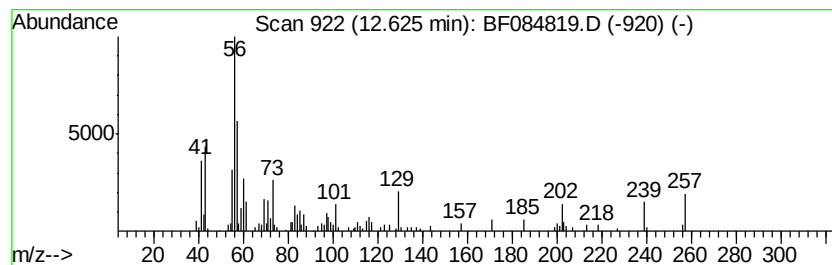
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.21 ng	128286	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	53
3		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
4		Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	35
5		3,4,4,6-Tetramethyltetrahydro-1,...	173	C8H15NOS	060431-75-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084819.D
Acq On : 4 Feb 2016 7:24
Operator : SJ/IZ
Sample : H1322-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B016(21-23)

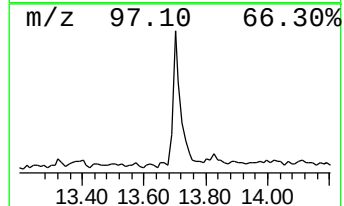
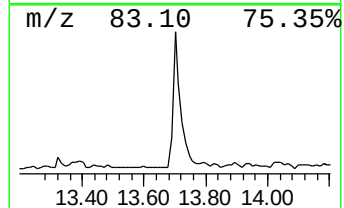
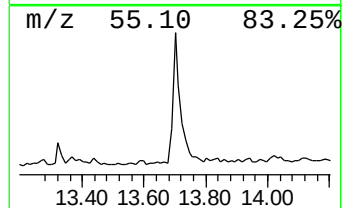
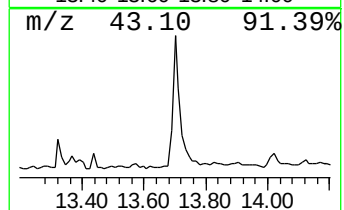
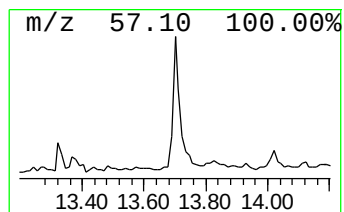
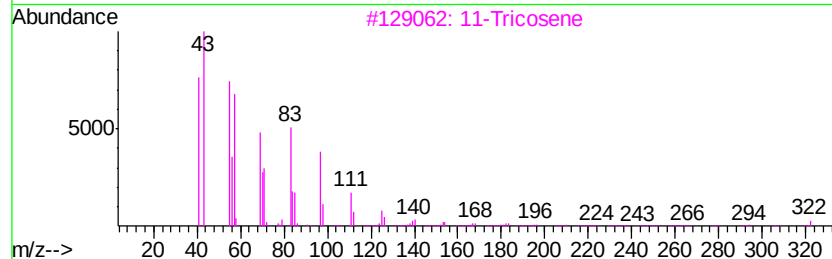
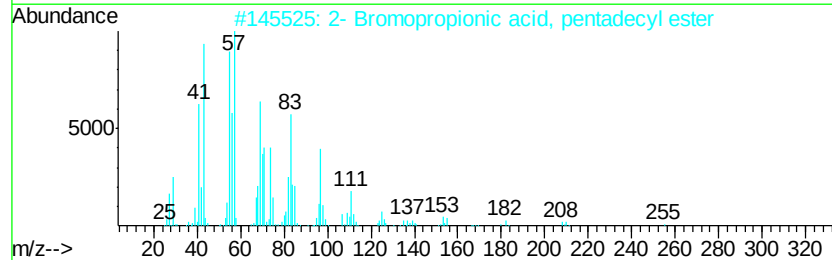
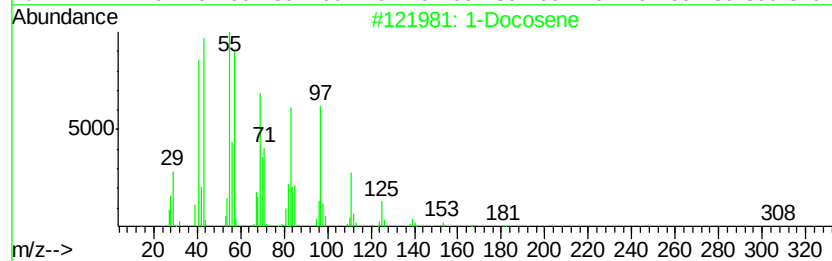
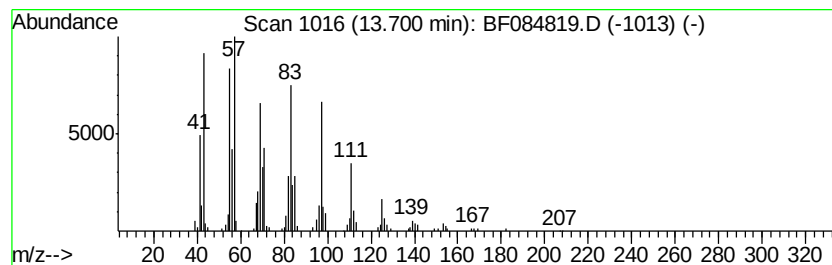
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.44 ng	432284	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	91
2	2- Bromopropionic acid, pentadec...		362	C18H35BrO2	1000292-44-2	91
3	11-Tricosene		322	C23H46	052078-56-5	91
4	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	90
5	17-Pentatriacontene		491	C35H70	006971-40-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084819.D
Acq On : 4 Feb 2016 7:24
Operator : SJ/IZ
Sample : H1322-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B016(21-23)

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...	4.84	32.8	ng	1791960	1	6.68	1092140	20.0
unknown6.45	6.45	78.4	ng	4278850	1	6.68	1092140	20.0
Heptadecane	10.17	2.2	ng	180246	3	9.72	1622040	20.0
Heneicosane	10.64	4.0	ng	291422	4	11.20	1468770	20.0
Hexadecanoic acid...	12.63	2.2	ng	128286	5	13.83	1162660	20.0
1-Docosene	13.70	7.4	ng	432284	5	13.83	1162660	20.0