

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086462.D
 Acq On : 28 Apr 2016 9:30
 Operator : UM/SJ
 Sample : H2736-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB05(0.5-10.0)

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-BF042716.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	2.258	12	15	23	rVB	49897	127349	2.93%	0.377%
2	5.001	252	255	259	rBV	70966	112713	2.60%	0.334%
3	5.402	287	290	293	rBV	3569325	3900155	89.88%	11.541%
4	6.442	378	381	384	rBV	3318859	4064012	93.66%	12.026%
5	6.579	390	393	395	rBV	3133800	4339321	100.00%	12.841%
6	6.807	410	413	415	rBV	750699	793078	18.28%	2.347%
7	6.956	424	426	429	rBV	2241990	3152762	72.66%	9.330%
8	7.367	459	462	465	rBV	2086779	2401862	55.35%	7.108%
9	7.470	469	471	478	rVB	59269	125883	2.90%	0.373%
10	8.088	523	525	534	rBV	1033048	1003536	23.13%	2.970%
11	9.173	617	620	622	rBV	3034805	3725552	85.86%	11.025%
12	9.562	652	654	656	rBV	690105	574692	13.24%	1.701%
13	9.779	671	673	676	rBV	77223	67562	1.56%	0.200%
14	9.848	676	679	681	rBV	581234	815768	18.80%	2.414%
15	10.282	715	717	718	rVB	132495	103099	2.38%	0.305%
16	10.499	733	736	739	rBV	47601	74291	1.71%	0.220%
17	10.625	745	747	750	rBV2	1467181	1748774	40.30%	5.175%
18	10.751	757	758	765	rVB	145118	176843	4.08%	0.523%
19	11.196	796	797	799	rBV	74402	77713	1.79%	0.230%
20	11.322	806	808	817	rBV	654639	774599	17.85%	2.292%
21	12.534	911	914	916	rBV	130119	139596	3.22%	0.413%
22	12.762	930	934	935	rBV2	107556	220277	5.08%	0.652%
23	12.785	935	936	942	rVB3	23085	55997	1.29%	0.166%
24	12.911	944	947	949	rBV	2619405	2596659	59.84%	7.684%
25	13.391	987	989	991	rBV	64805	112702	2.60%	0.334%
26	13.437	991	993	995	rVV2	68153	111359	2.57%	0.330%
27	13.482	995	997	1002	rVB4	21468	51889	1.20%	0.154%
28	13.814	1024	1026	1034	rBV	190808	330462	7.62%	0.978%
29	13.951	1034	1038	1045	rBV	703567	1081245	24.92%	3.200%
30	14.065	1045	1048	1050	rVV	111906	138508	3.19%	0.410%
31	14.431	1078	1080	1082	rBV	34189	48005	1.11%	0.142%
32	14.797	1110	1112	1114	rVB	43082	45681	1.05%	0.135%
33	14.968	1124	1127	1131	rBV	46032	109748	2.53%	0.325%
34	15.300	1154	1156	1159	rBV	31059	51467	1.19%	0.152%

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BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.368	1159	1162	1164	rBV	319917	539413	12.43%	1.596%
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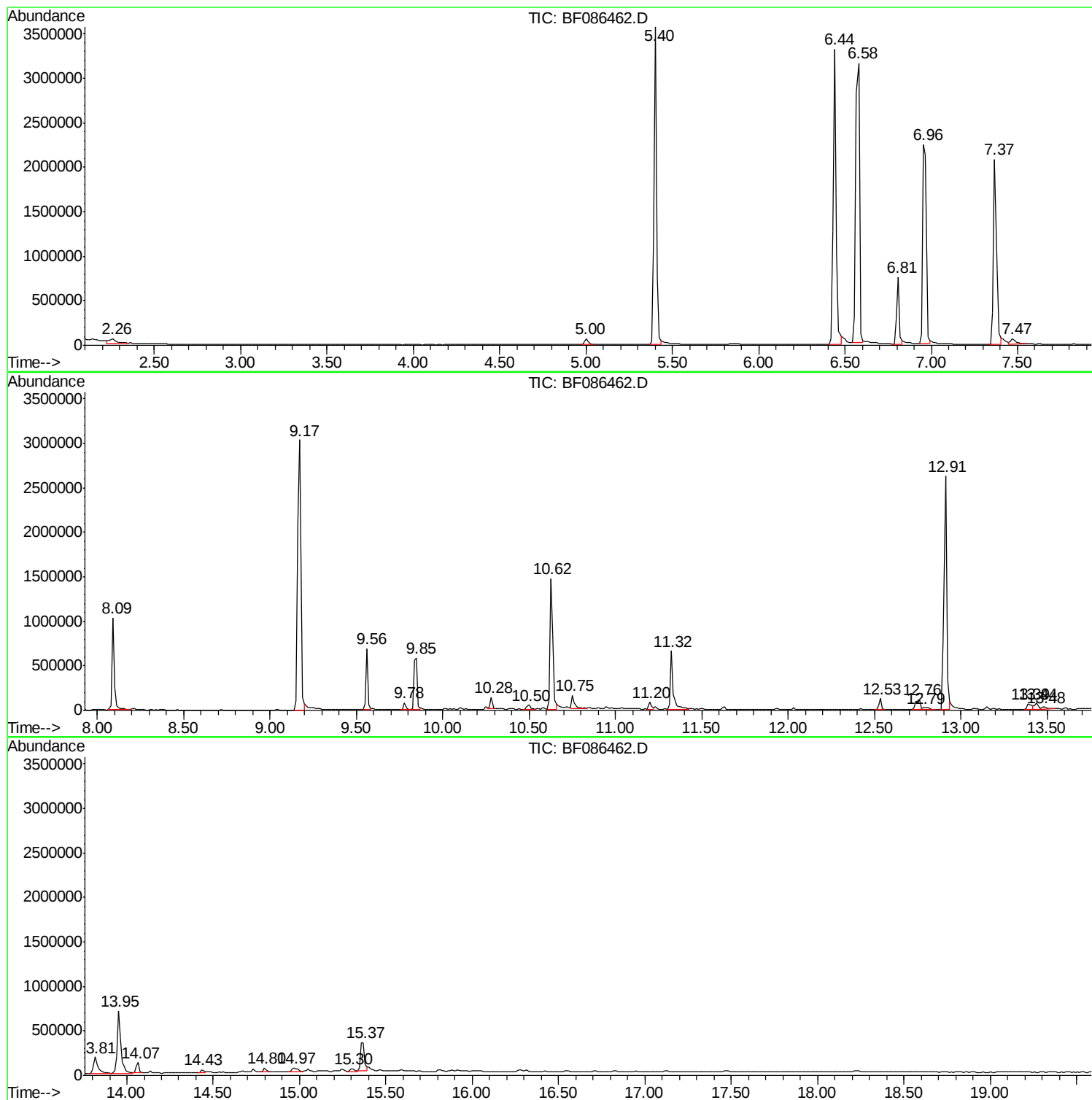
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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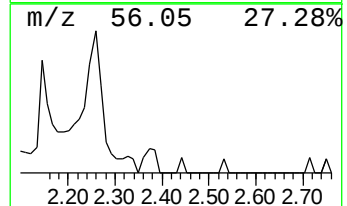
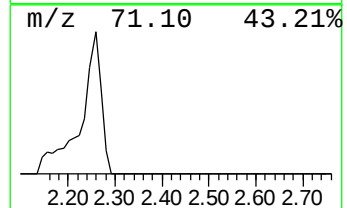
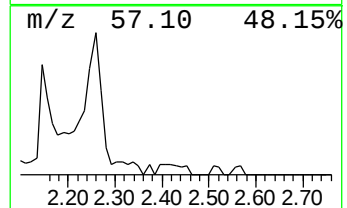
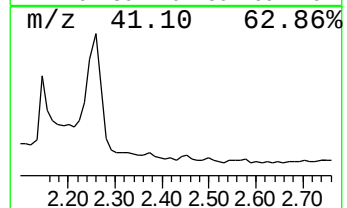
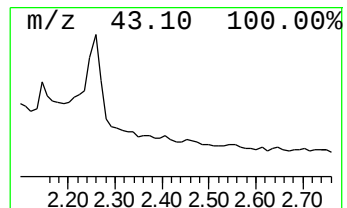
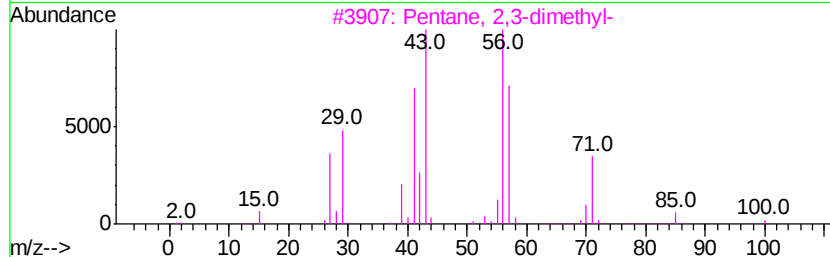
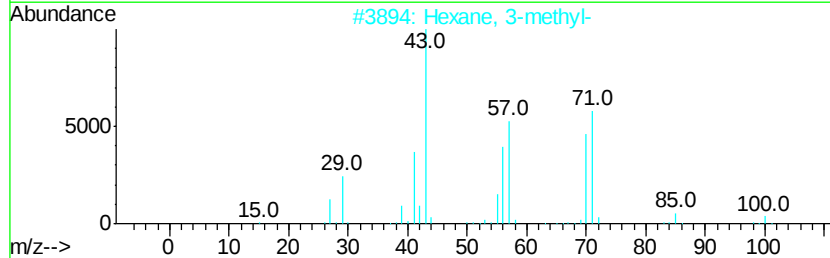
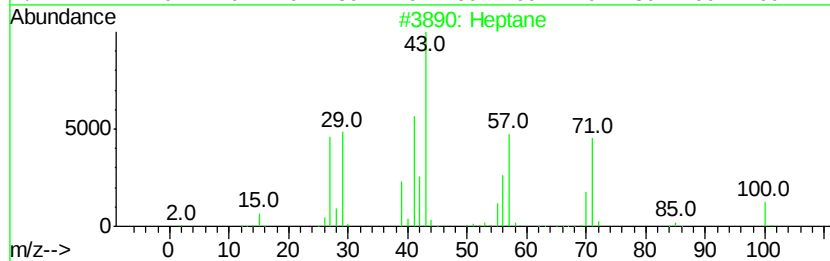
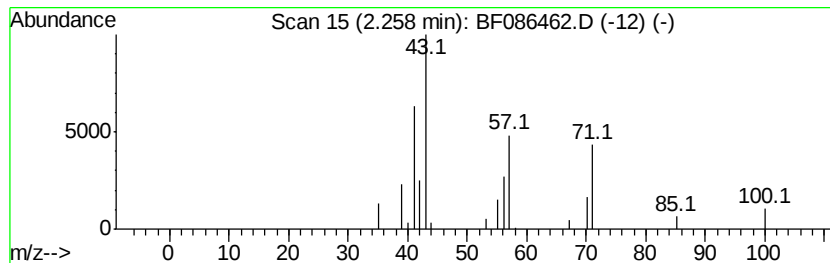
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.26	3.21 ng	127349	1,4-Dichlorobenzene-d4	6.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	40
4	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	36
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	33



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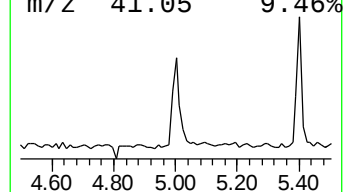
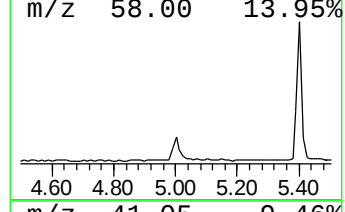
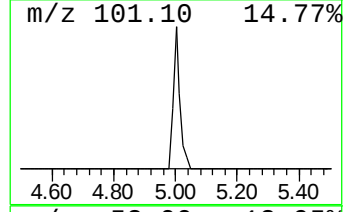
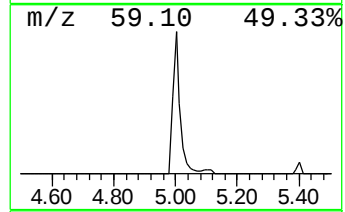
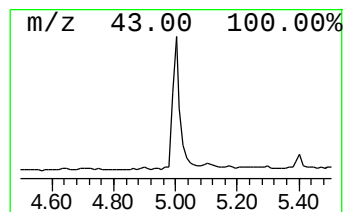
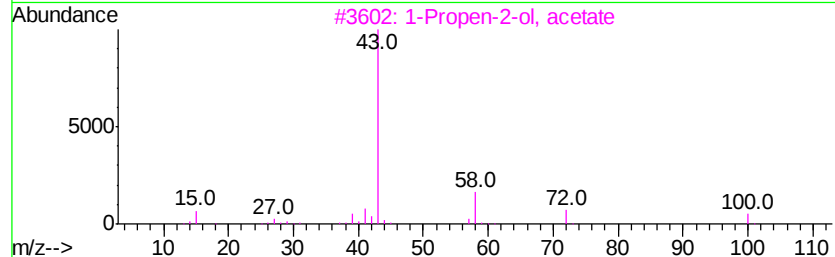
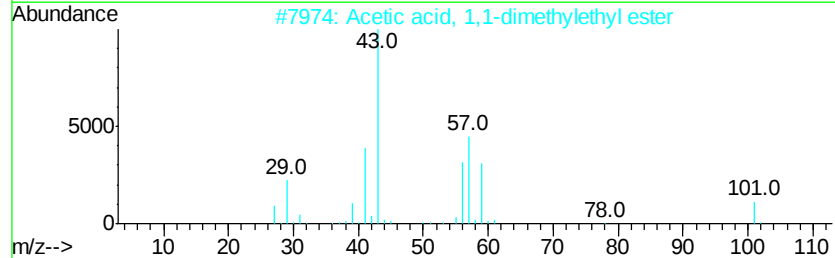
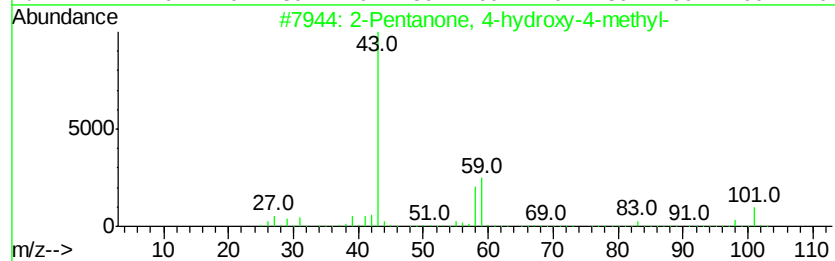
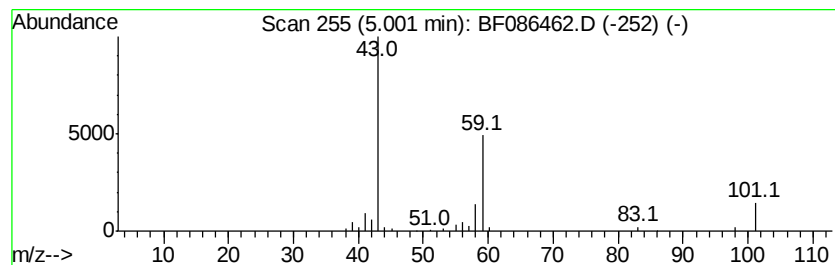
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.84 ng	112713	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



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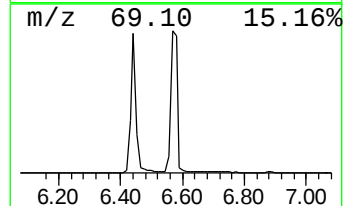
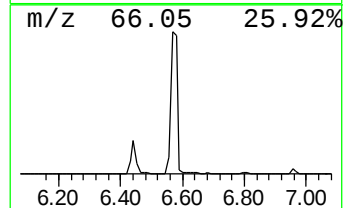
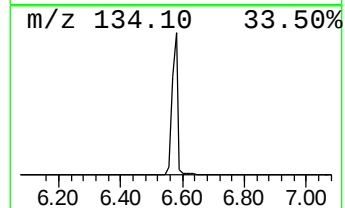
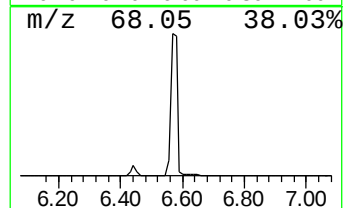
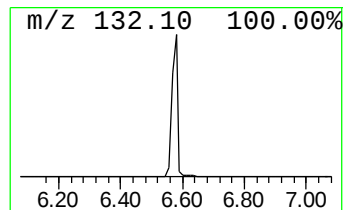
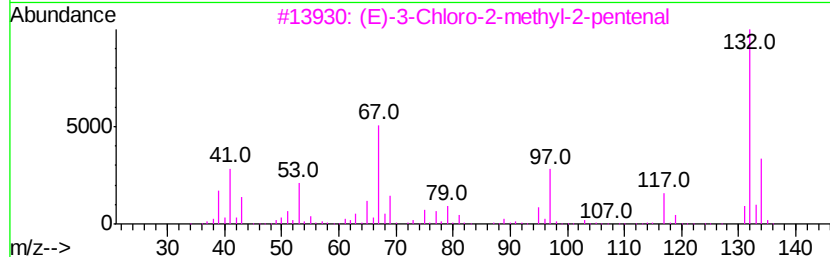
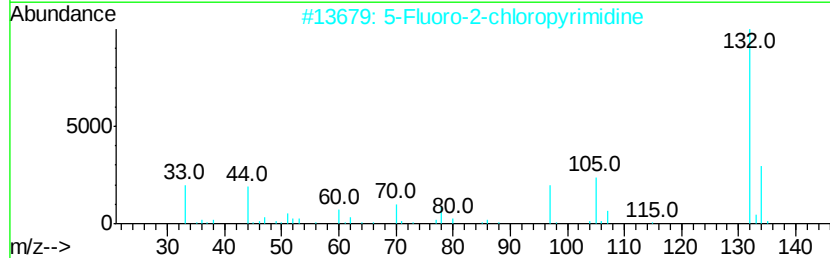
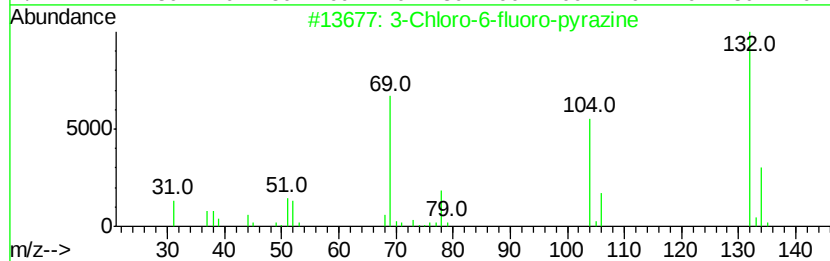
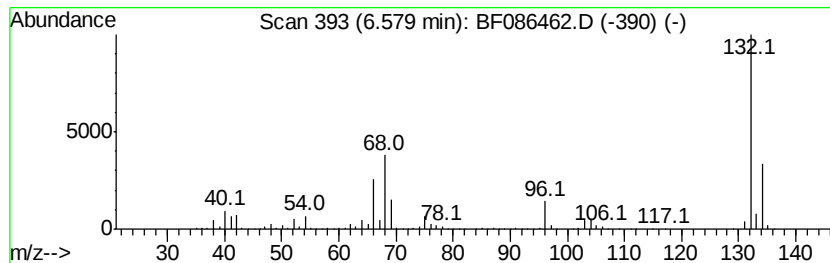
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	109.43 ng	4339320	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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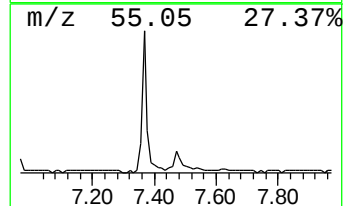
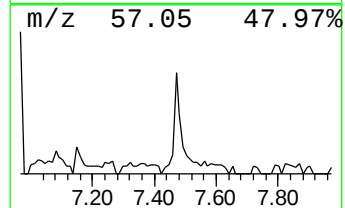
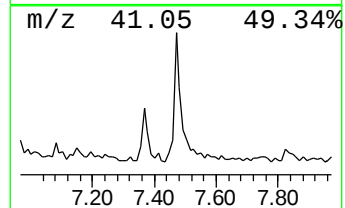
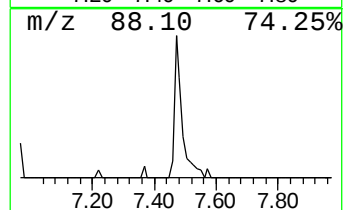
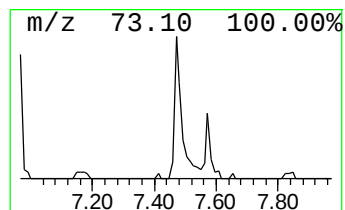
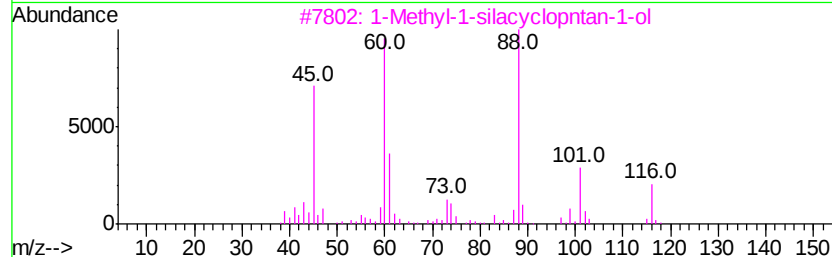
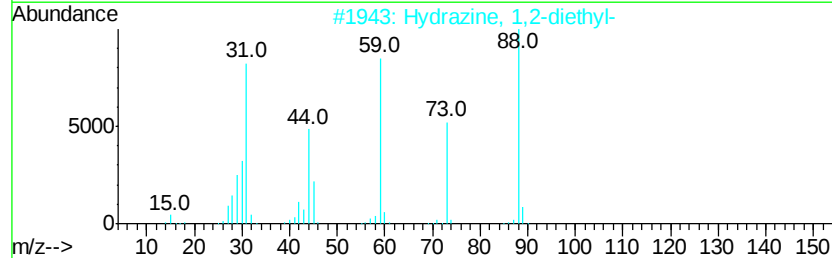
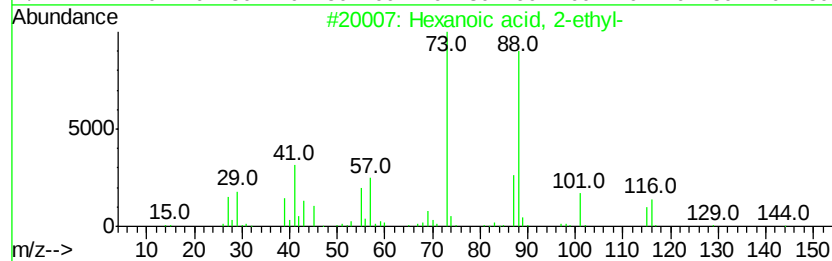
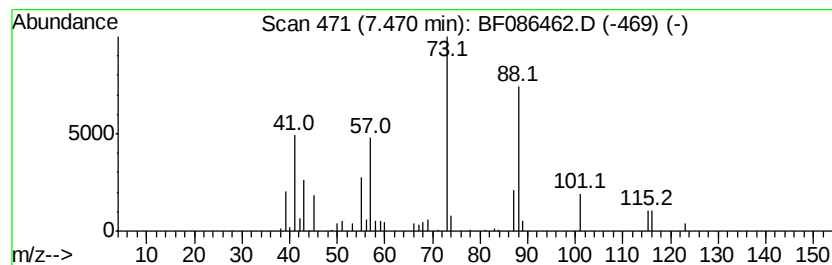
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.51 ng	125883	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2		Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	47
3		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	42
4		Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	38
5		Acetic acid, nitro-, ethyl ester	133	C4H7NO4	000626-35-7	37



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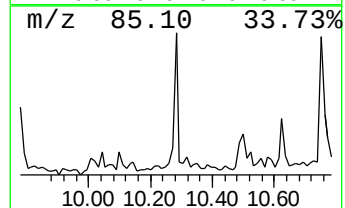
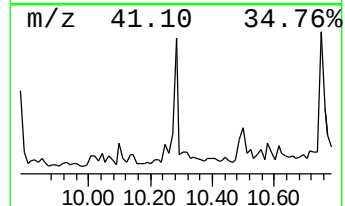
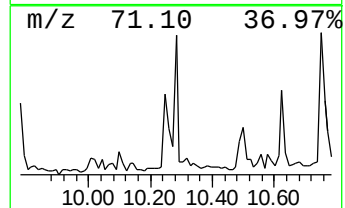
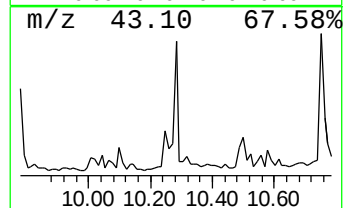
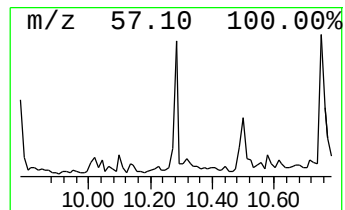
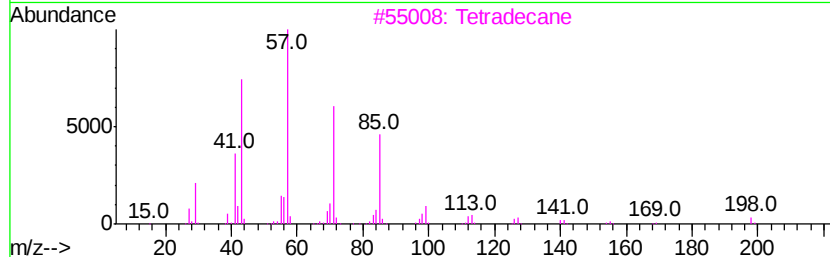
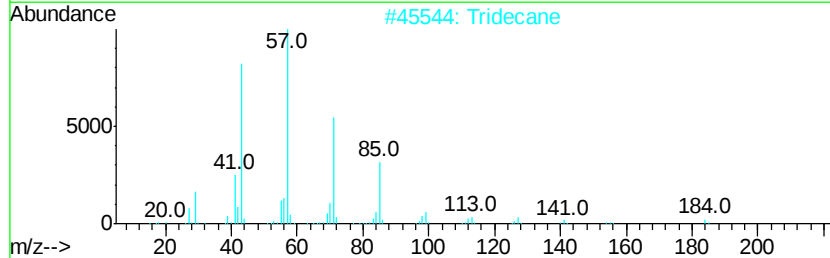
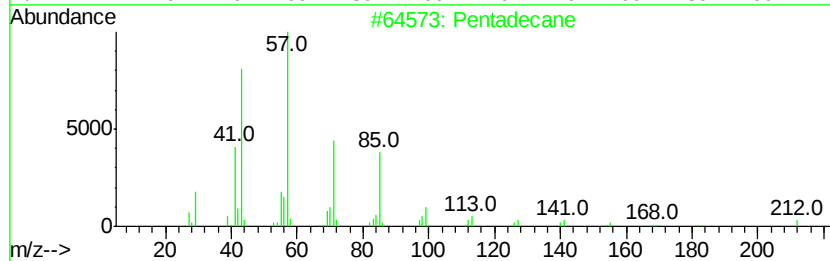
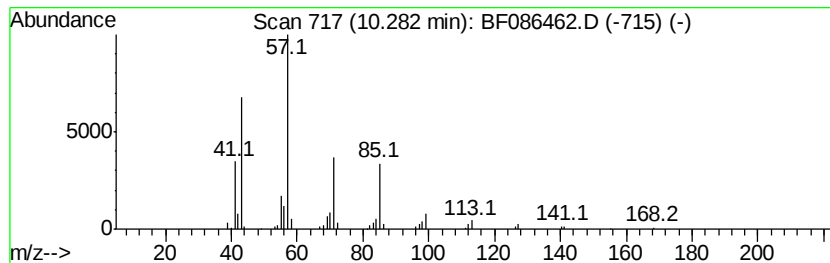
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Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.53 ng	103099	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Tridecane	184 C13H28	000629-50-5	90
3	Tetradecane	198 C14H30	000629-59-4	86
4	Hexadecane	226 C16H34	000544-76-3	86
5	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

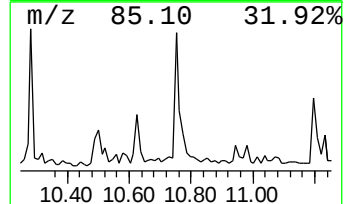
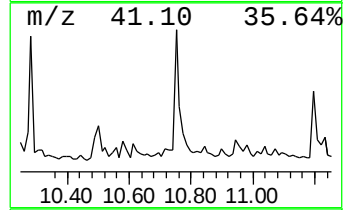
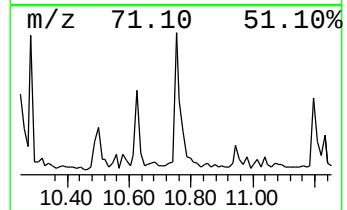
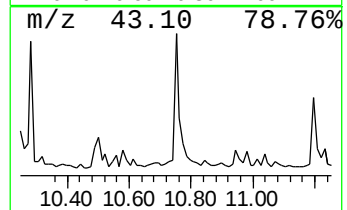
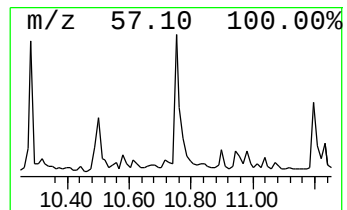
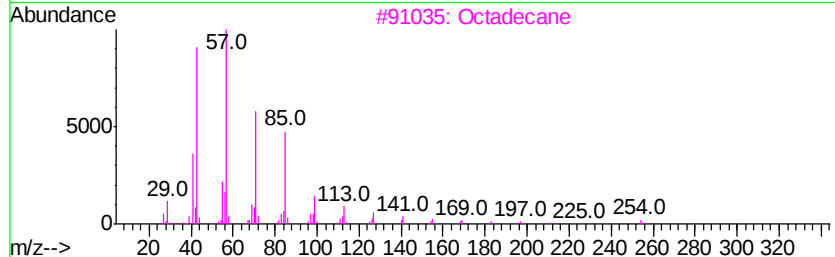
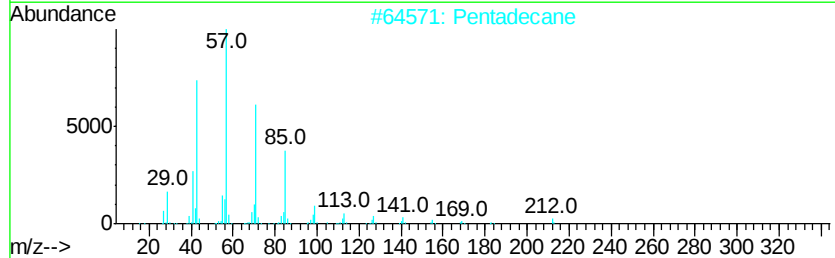
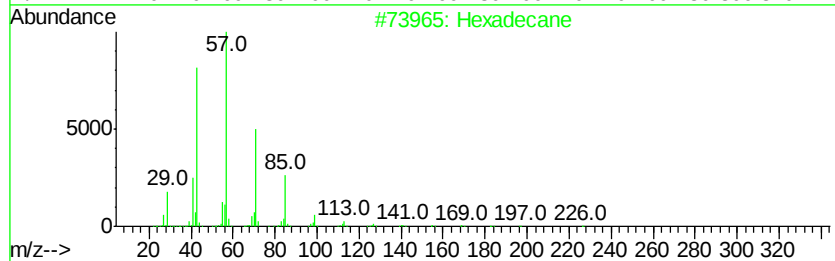
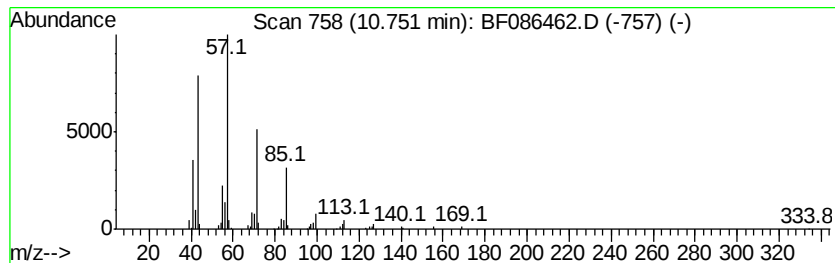
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.57 ng	176843	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	86
3		Octadecane	254	C18H38	000593-45-3	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

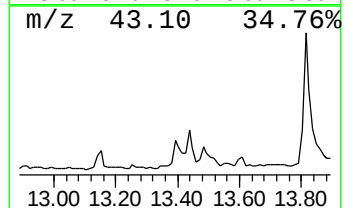
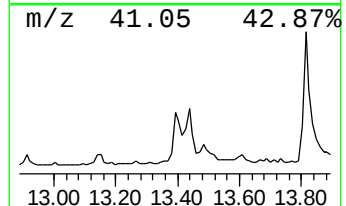
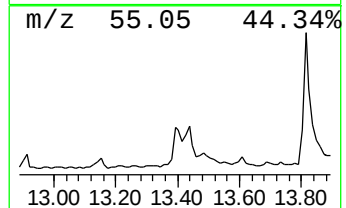
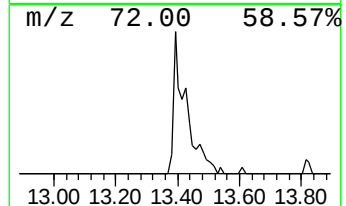
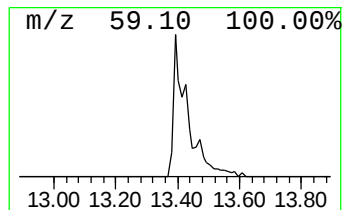
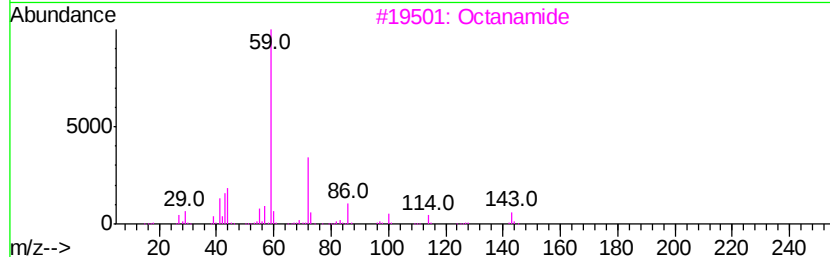
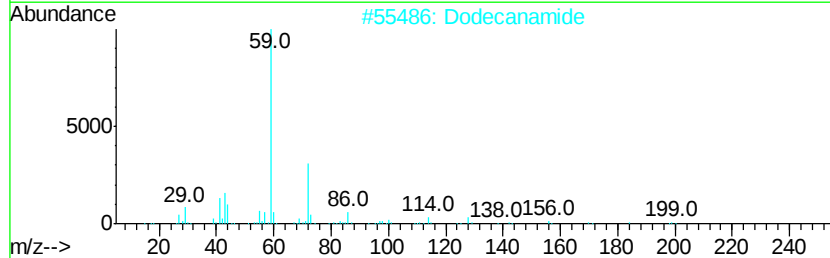
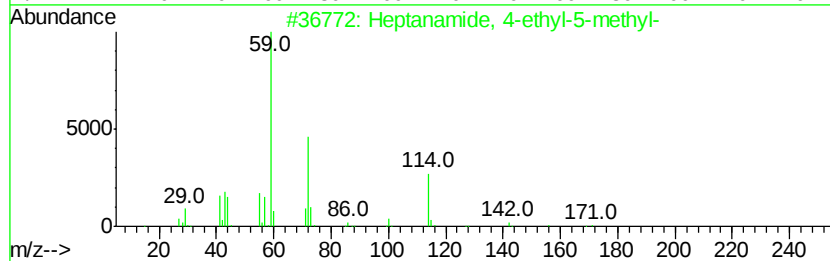
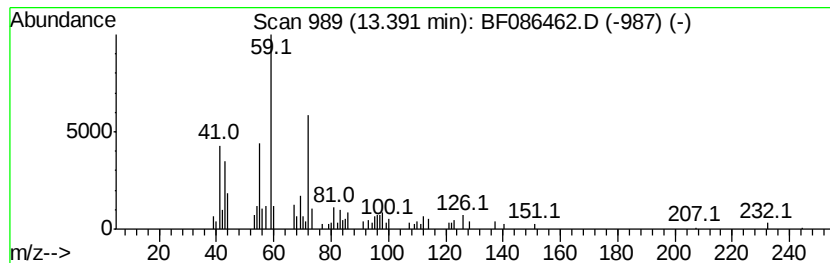
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ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptanamide, 4-ethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	2.08 ng	112702	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	Octanamide	143	C8H17NO	000629-01-6	59
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	7-Nonenamide	155	C9H17NO	090949-53-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

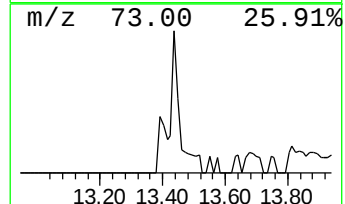
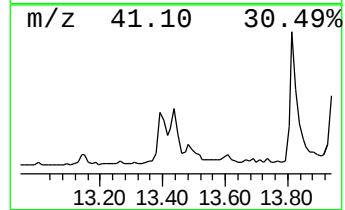
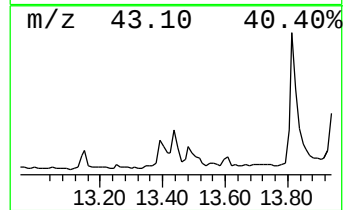
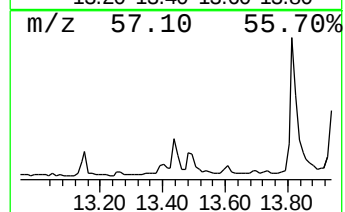
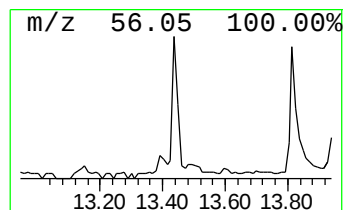
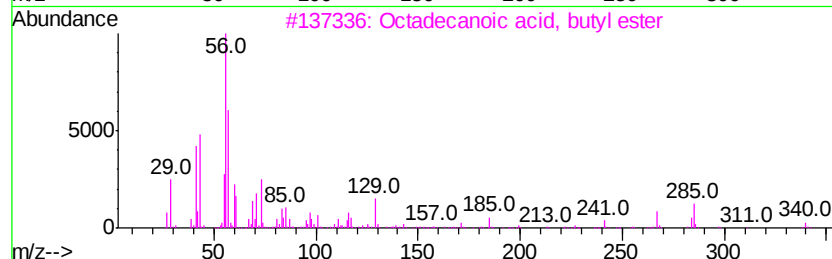
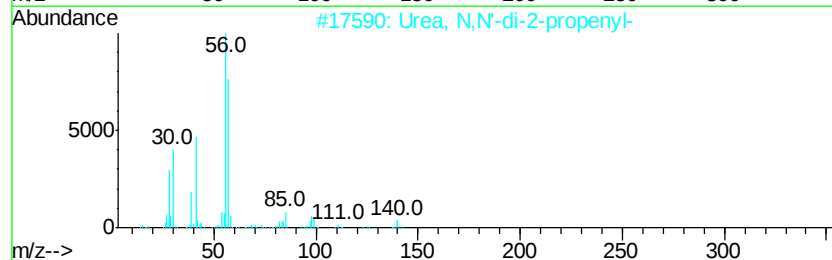
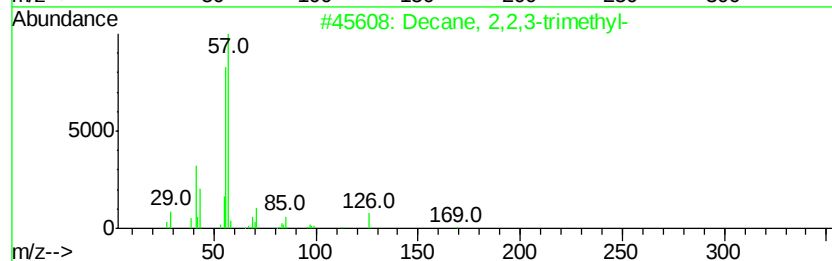
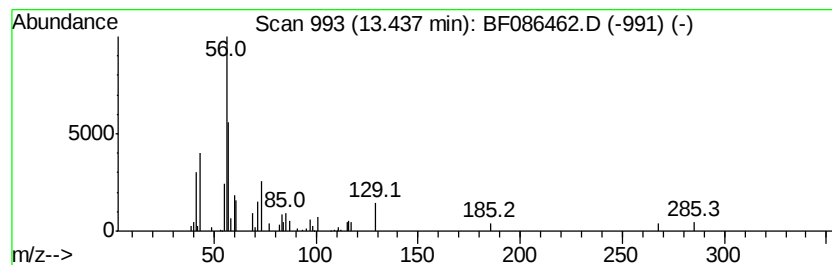
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.06 ng	111359	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	37
2			Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	37
3			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	35
4			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	33
5			1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	33



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Data File : BF086462.D
Acq On : 28 Apr 2016 9:30
Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

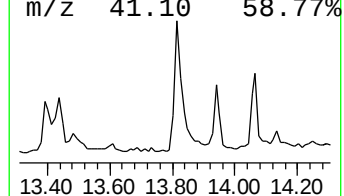
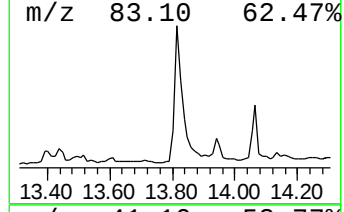
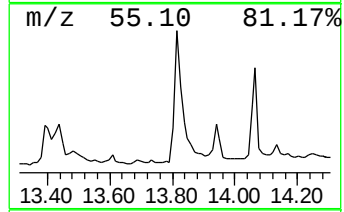
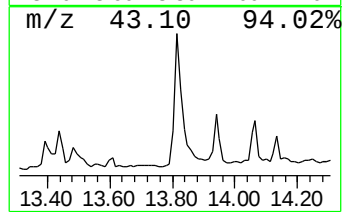
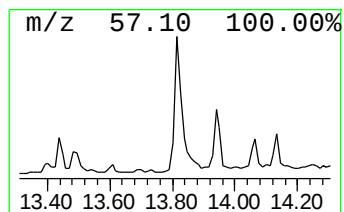
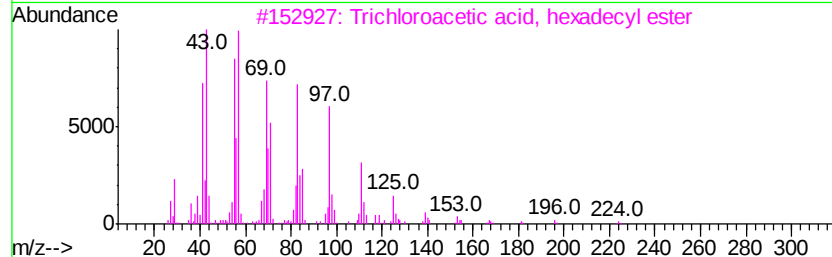
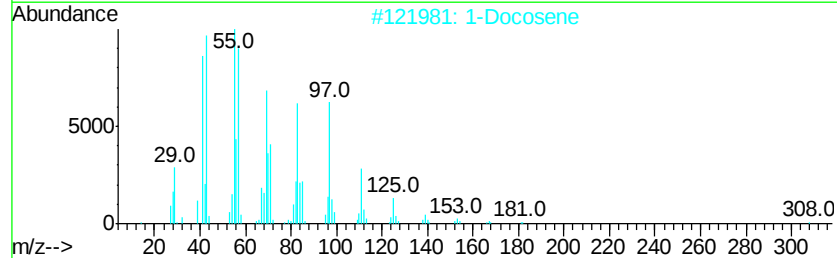
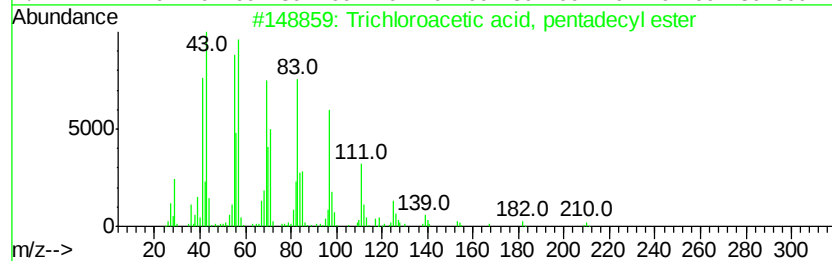
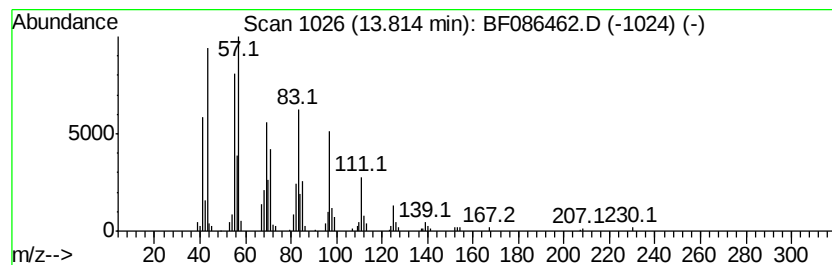
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.11 ng	330462	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2			1-Docosene	308	C22H44	001599-67-3	91
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4			17-Pentatriacontene	491	C35H70	006971-40-0	90
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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Acq On : 28 Apr 2016 9:30
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Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

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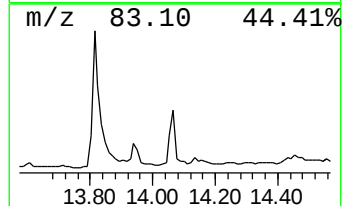
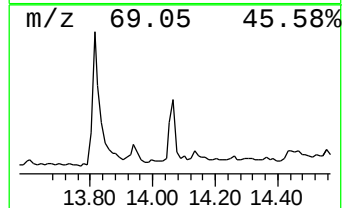
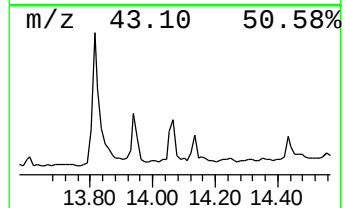
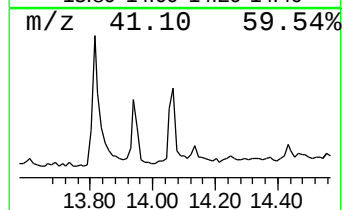
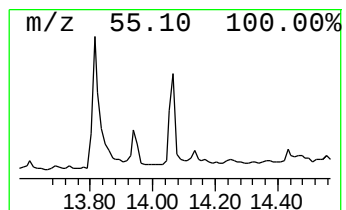
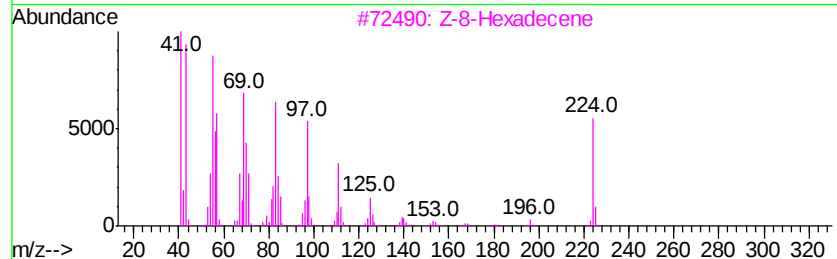
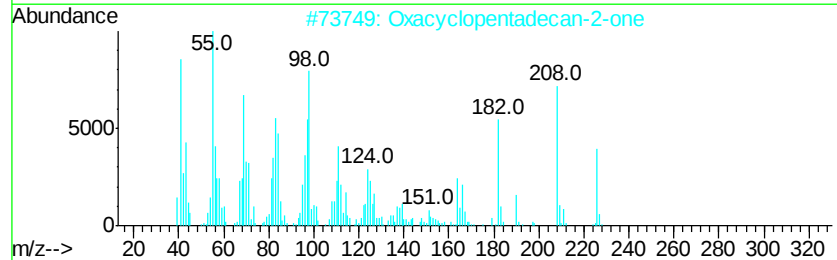
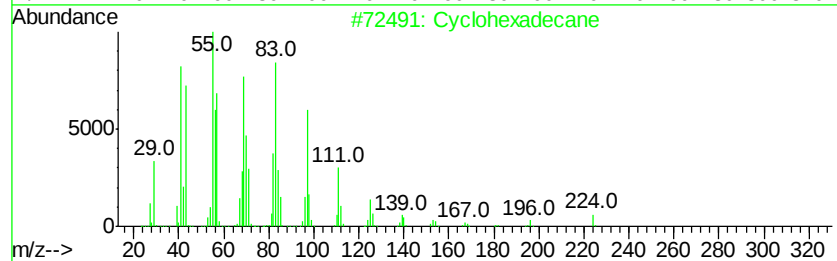
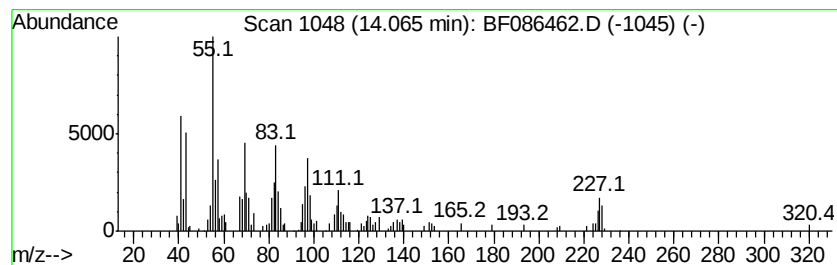
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.56 ng	138508	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	90
2		Oxacyclopentadecan-2-one	226	C14H26O2	003537-83-5	64
3		Z-8-Hexadecene	224	C16H32	1000130-87-5	60
4		1-Hexadecene	224	C16H32	000629-73-2	55
5		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Heptane	2.26	3.2	ng	127349	1	6.81	793078	20.0
2-Pentanone, 4-hy...	5.00	2.8	ng	112713	1	6.81	793078	20.0
unknown6.58	6.58	109.4	ng	4339320	1	6.81	793078	20.0
Hexanoic acid, 2-...	7.47	2.5	ng	125883	2	8.09	1003540	20.0
Pentadecane	10.28	2.5	ng	103099	3	9.85	815768	20.0
Hexadecane	10.75	4.6	ng	176843	4	11.32	774599	20.0
Heptanamide, 4-et...	13.39	2.1	ng	112702	5	13.95	1081250	20.0
unknown13.44	13.44	2.1	ng	111359	5	13.95	1081250	20.0
Trichloroacetic a...	13.81	6.1	ng	330462	5	13.95	1081250	20.0
Cyclohexadecane	14.07	2.6	ng	138508	5	13.95	1081250	20.0