

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082619.D
 Acq On : 31 Oct 2015 14:07
 Operator : UM/IZ
 Sample : G4191-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-L

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-BF103015.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	5.104	260	264	266	rBV	1860101	3238996	46.18%	5.263%
2	5.516	296	300	302	rBV	5778947	6322235	90.13%	10.273%
3	6.533	386	389	392	rBV	4941799	5780310	82.41%	9.393%
4	6.670	398	401	404	rBV	5497790	5643096	80.45%	9.170%
5	6.899	419	421	424	rBV	1191168	1284163	18.31%	2.087%
6	7.059	433	435	438	rVB	4218780	4244670	60.51%	6.897%
7	7.470	467	471	473	rBV	3794708	4512086	64.33%	7.332%
8	7.573	476	480	482	rVB	156967	275864	3.93%	0.448%
9	7.916	507	510	512	rBV	84145	96186	1.37%	0.156%
10	8.099	523	526	528	rBV	86808	85810	1.22%	0.139%
11	8.190	532	534	536	rVV	2161428	1740447	24.81%	2.828%
12	8.533	561	564	566	rBV	84394	108865	1.55%	0.177%
13	9.150	616	618	620	rBV	126980	106883	1.52%	0.174%
14	9.276	626	629	631	rBV	6749899	7014485	100.00%	11.398%
15	9.665	661	663	665	rBV	2613034	2089843	29.79%	3.396%
16	9.951	685	688	690	rBV	2020008	1907447	27.19%	3.100%
17	10.396	725	727	728	rVB	82551	93135	1.33%	0.151%
18	10.613	742	746	749	rBV2	43761	73242	1.04%	0.119%
19	10.739	754	757	759	rBV	4079062	4607146	65.68%	7.486%
20	10.865	766	768	772	rBV	143650	168952	2.41%	0.275%
21	11.311	803	807	809	rBV	110848	118046	1.68%	0.192%
22	11.436	815	818	820	rVB	1400941	1739633	24.80%	2.827%
23	11.962	862	864	866	rBV	239921	338072	4.82%	0.549%
24	12.682	922	927	931	rBV2	60722	168033	2.40%	0.273%
25	12.751	931	933	936	rBV2	263877	344519	4.91%	0.560%
26	12.854	941	942	946	rVB	305838	265246	3.78%	0.431%
27	13.025	954	957	959	rVB	5682630	5276853	75.23%	8.575%
28	13.517	997	1000	1002	rVB	65619	104499	1.49%	0.170%
29	13.562	1002	1004	1006	rBV	238806	218112	3.11%	0.354%
30	13.688	1013	1015	1017	rVB	107186	84378	1.20%	0.137%
31	13.940	1034	1037	1040	rBV	107246	169308	2.41%	0.275%
32	14.077	1046	1049	1051	rBV	1346703	1310805	18.69%	2.130%
33	14.580	1091	1093	1095	rBV	58610	70786	1.01%	0.115%
34	15.540	1174	1177	1180	rBV	823587	1149798	16.39%	1.868%

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Instrument :
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ClientSampleId :
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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	17.597	1354	1357	1361	rBV3	31770	73452	1.05%	0.119%
36	18.866	1459	1468	1480	rVB	130913	714028	10.18%	1.160%

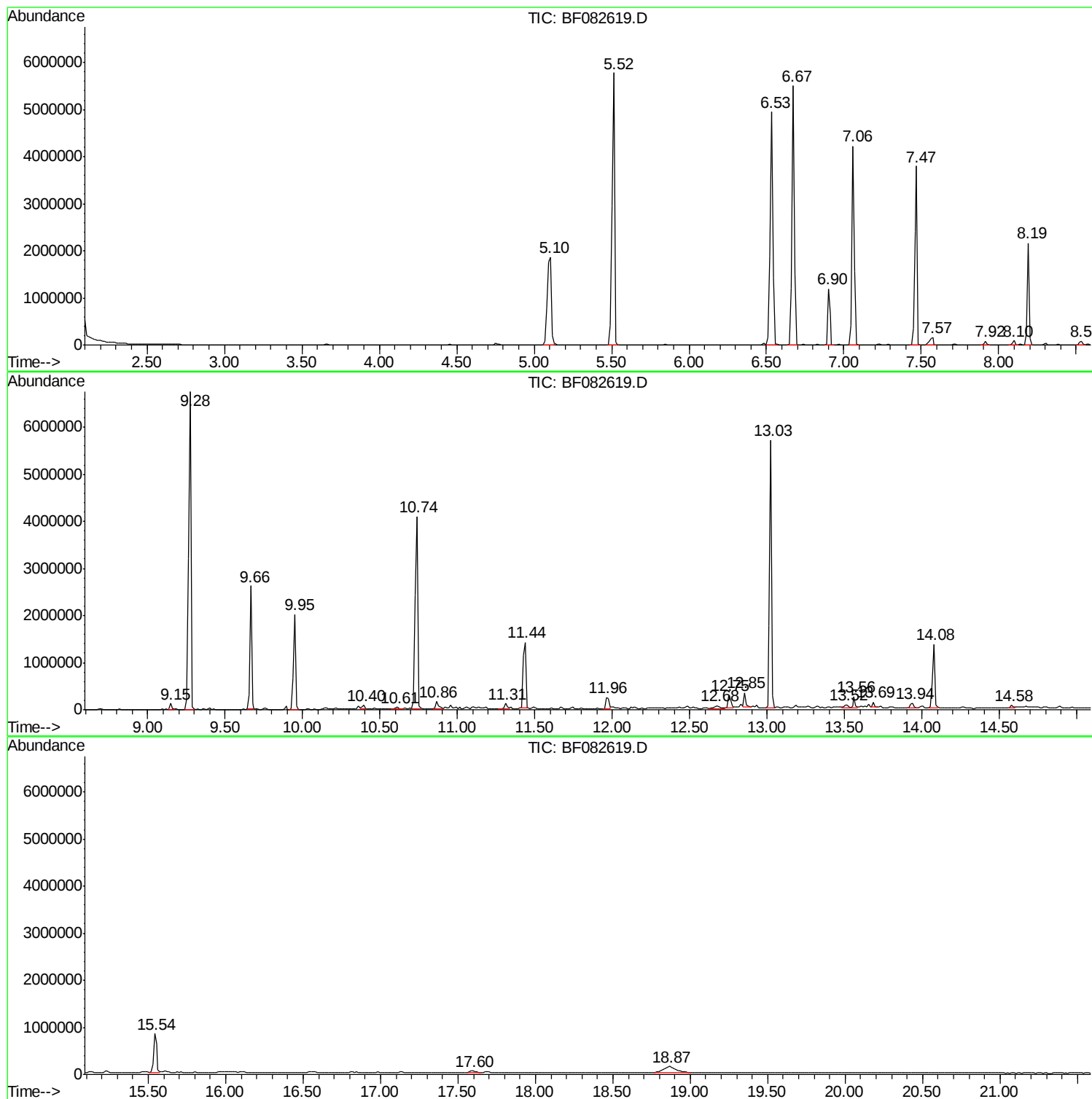
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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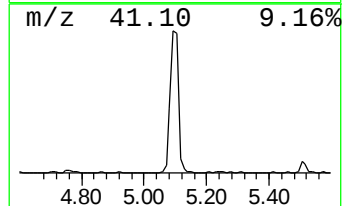
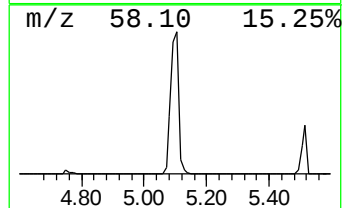
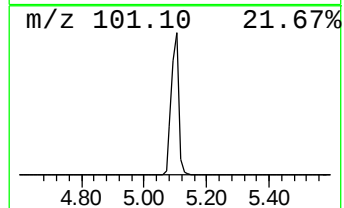
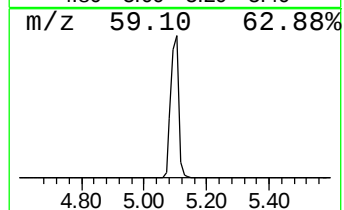
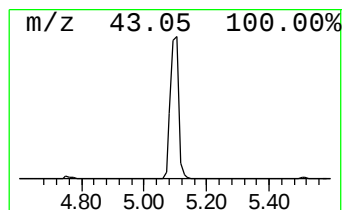
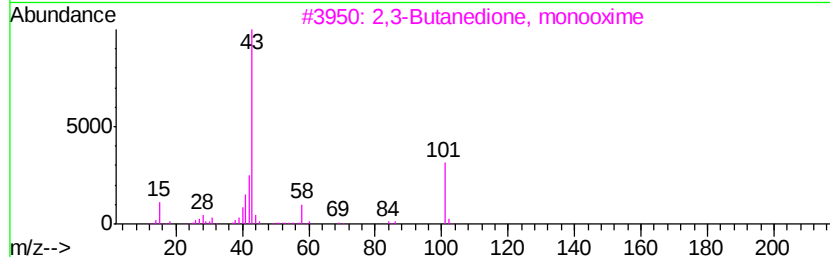
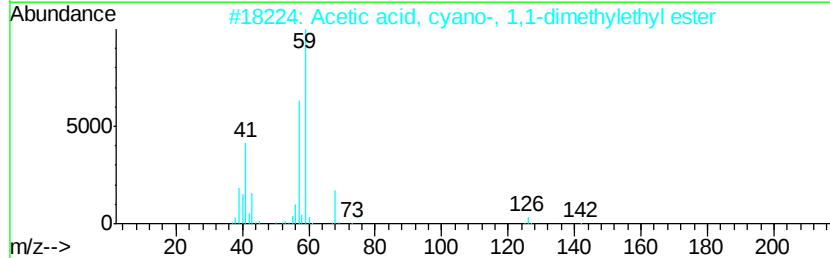
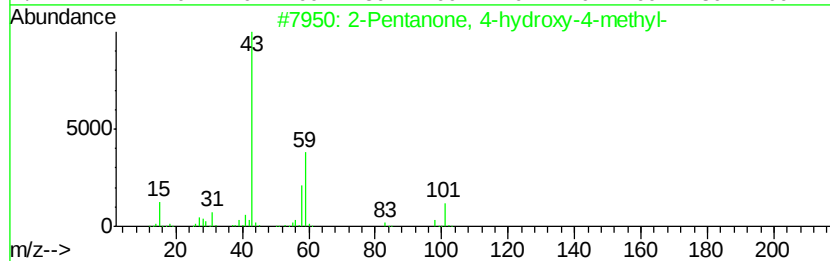
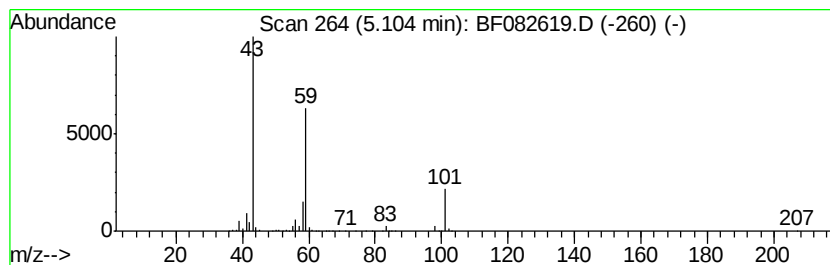
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.10	50.45 ng	3239000	1,4-Dichlorobenzene-d4	6.90

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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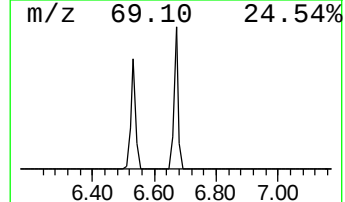
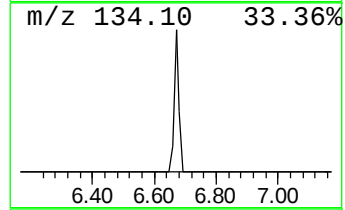
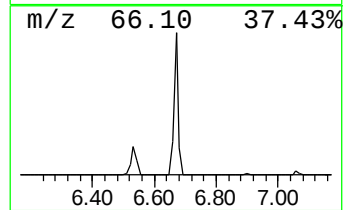
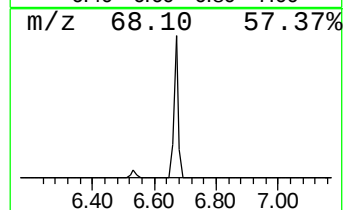
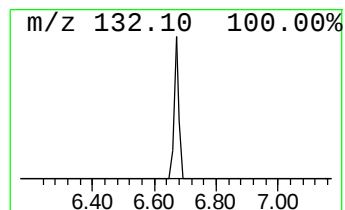
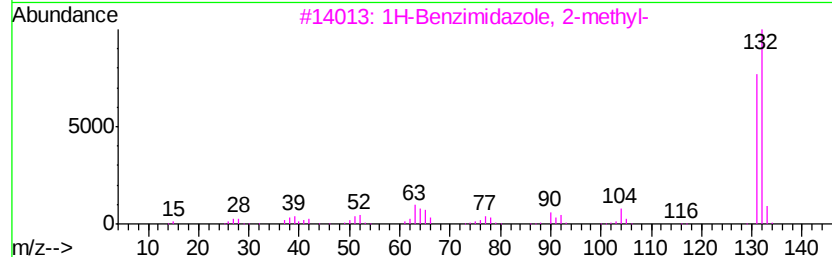
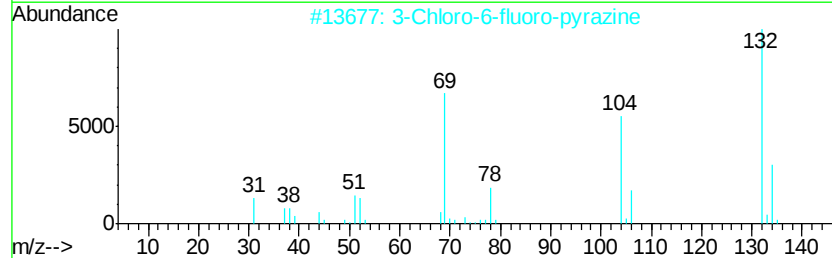
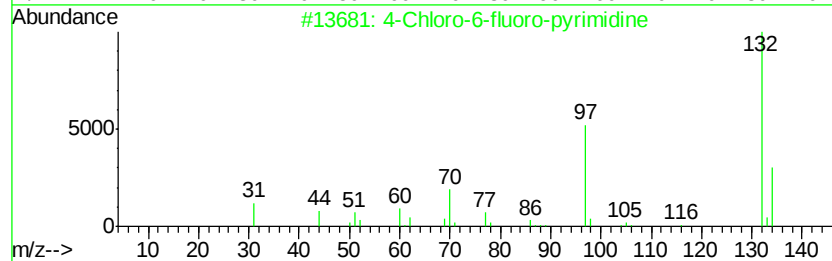
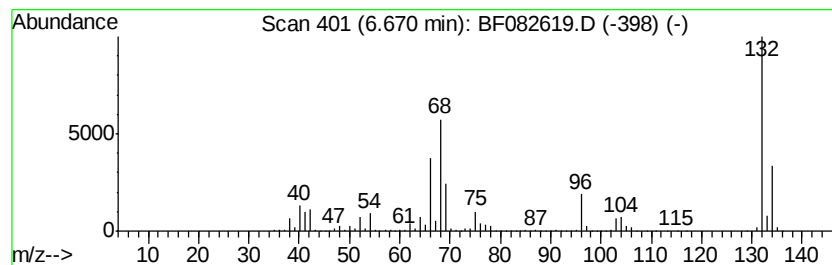
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	87.89 ng	5643100	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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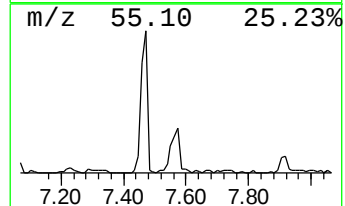
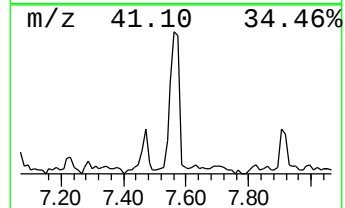
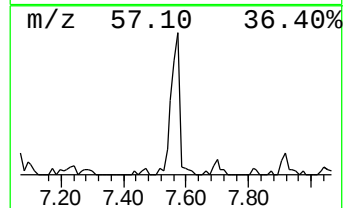
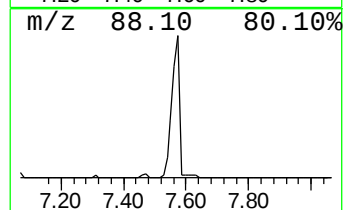
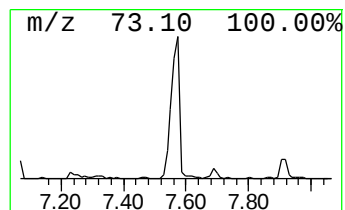
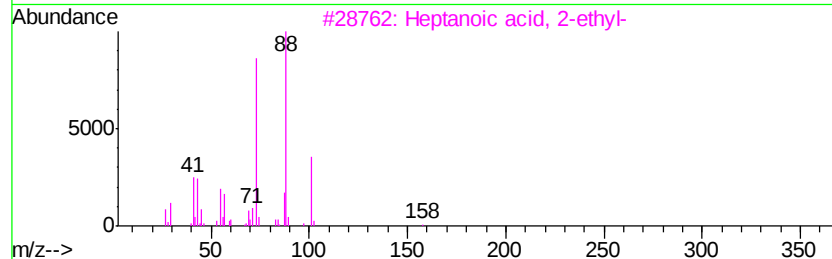
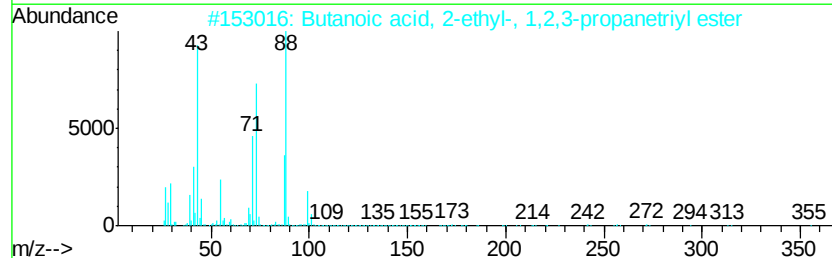
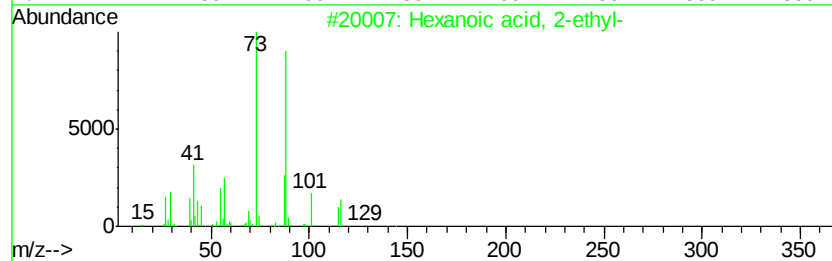
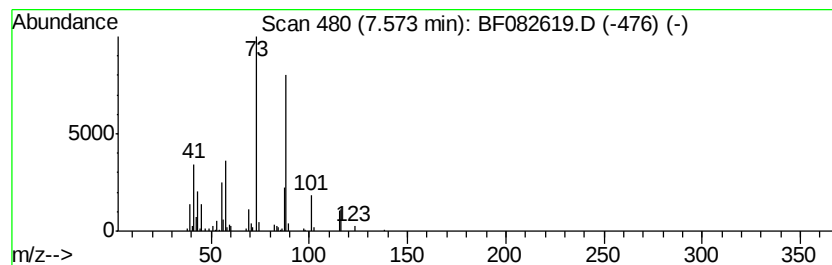
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.17 ng	275864	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4		1,4-Dioxane	88	C4H8O2	000123-91-1	37
5		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-45-7	33



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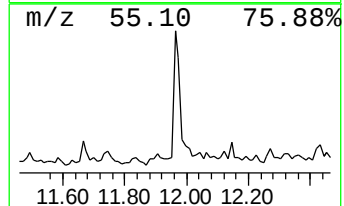
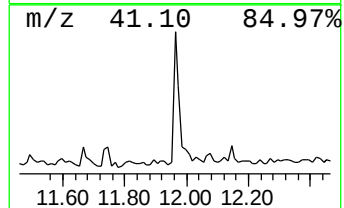
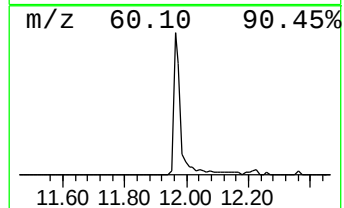
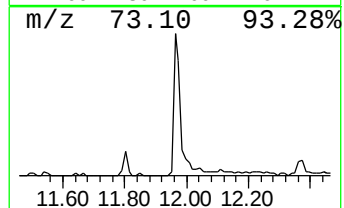
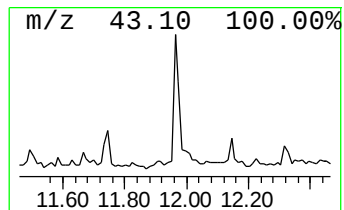
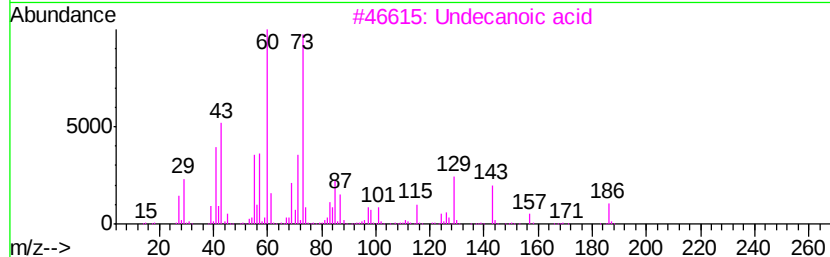
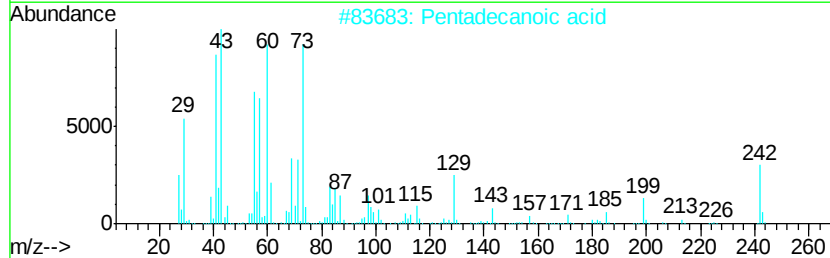
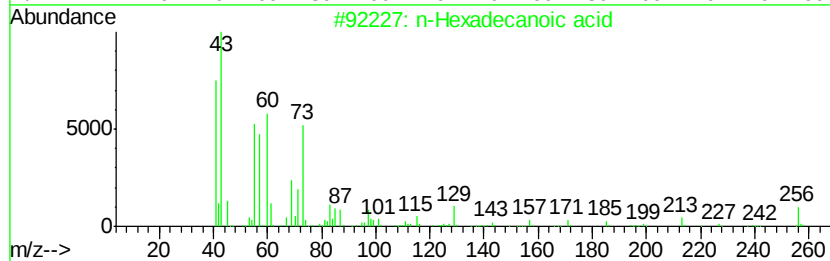
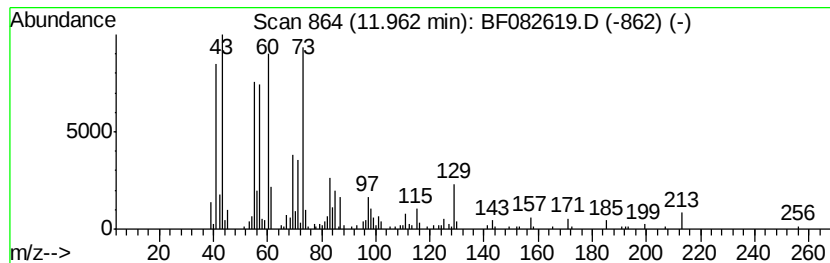
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.89 ng	338072	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Undecanoic acid	186	C11H22O2	000112-37-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Nonanoic acid	158	C9H18O2	000112-05-0	53



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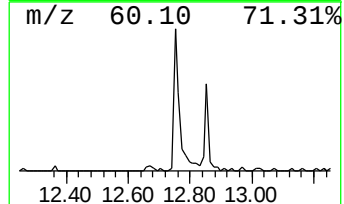
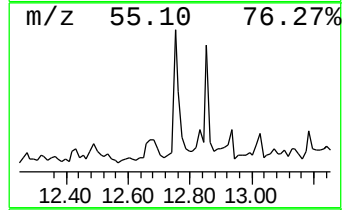
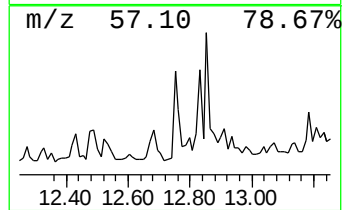
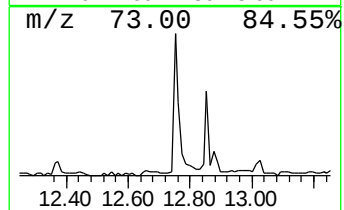
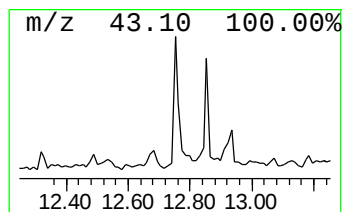
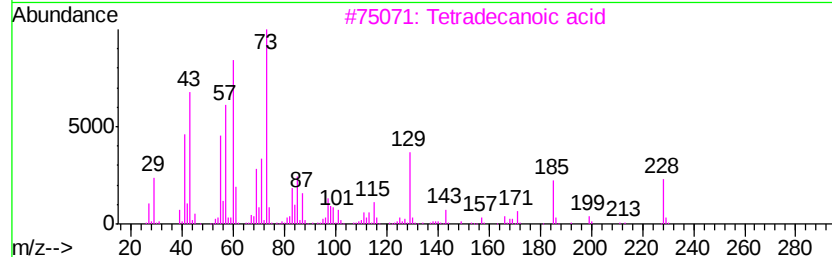
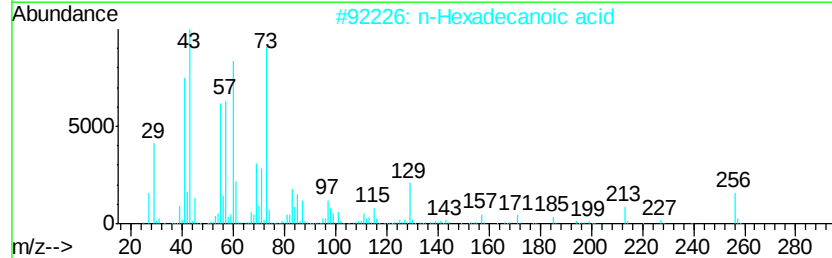
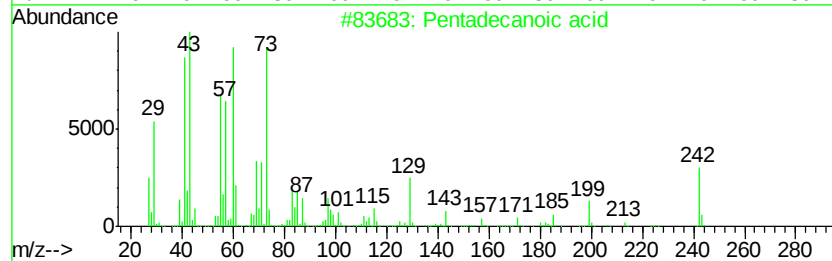
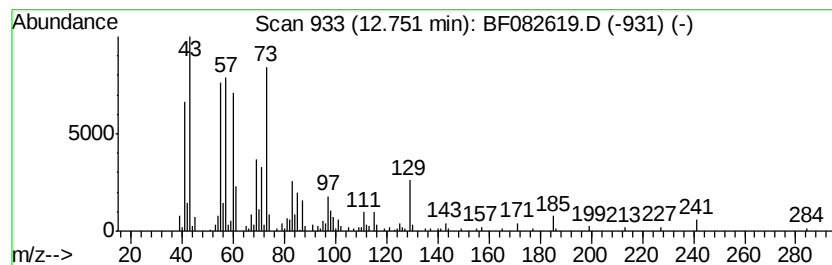
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.96 ng	344519	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	25	
5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18	



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T-24-L

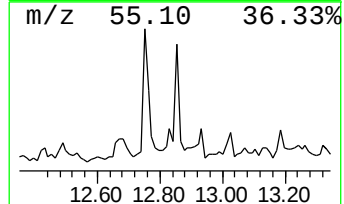
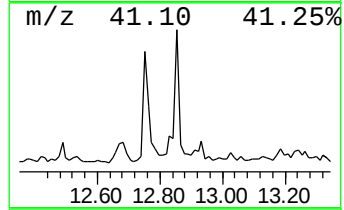
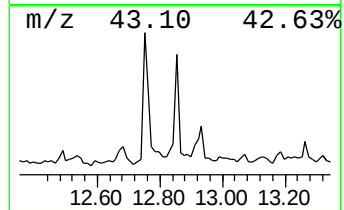
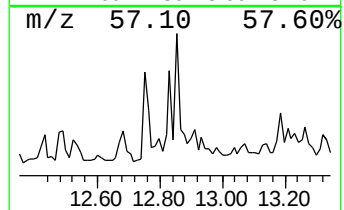
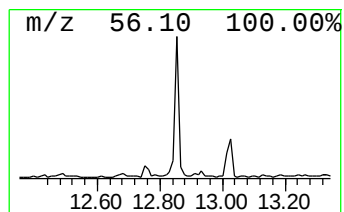
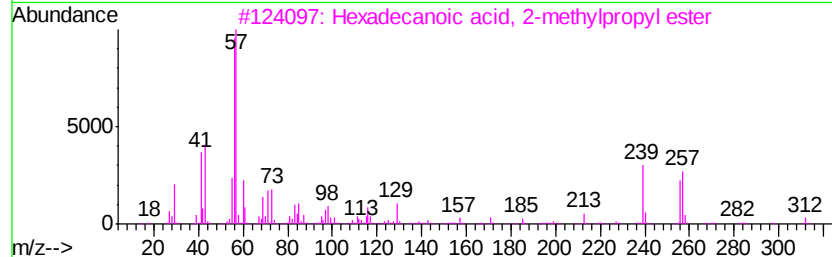
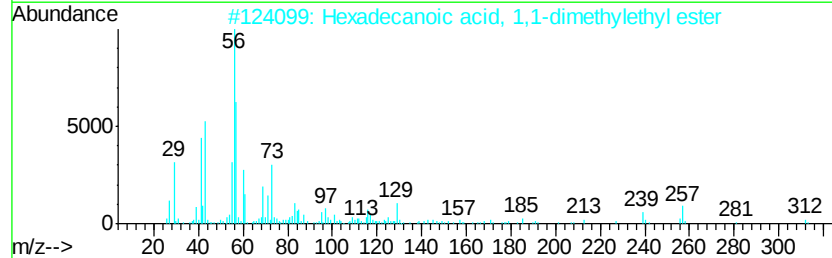
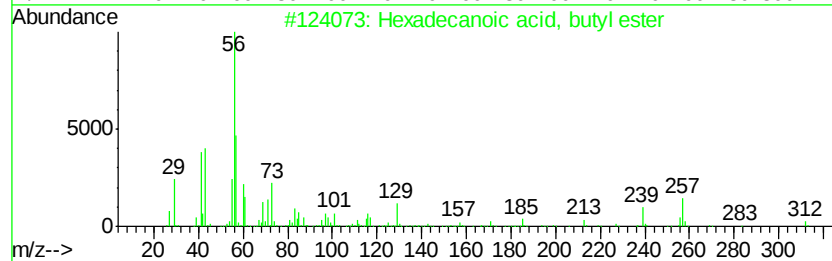
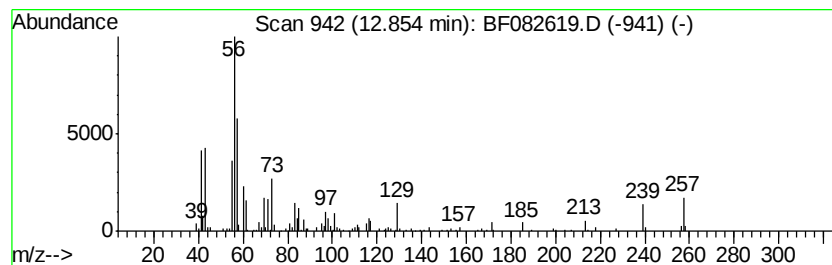
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	4.05 ng	265246	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	37
4		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082619.D
Acq On : 31 Oct 2015 14:07
Operator : UM/IZ
Sample : G4191-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-24-L

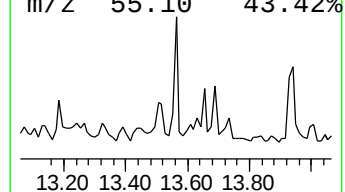
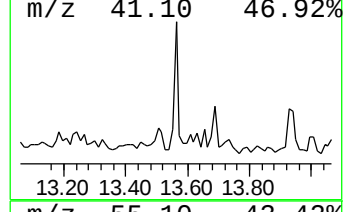
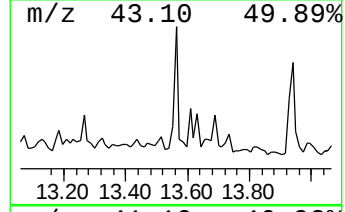
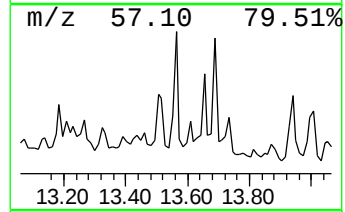
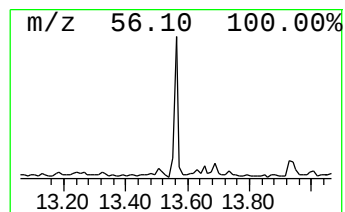
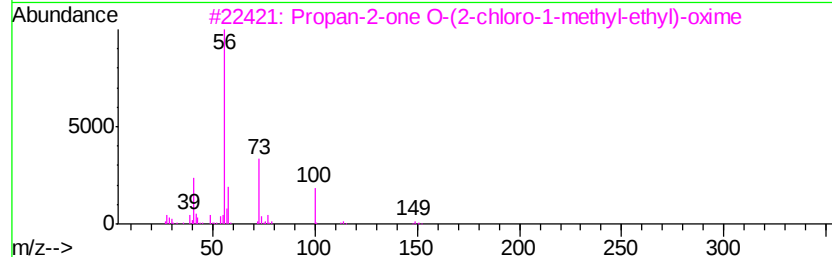
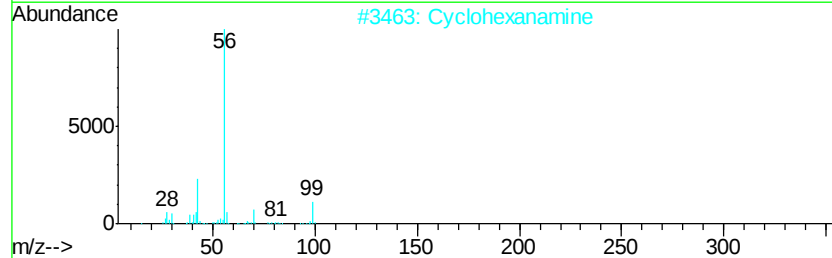
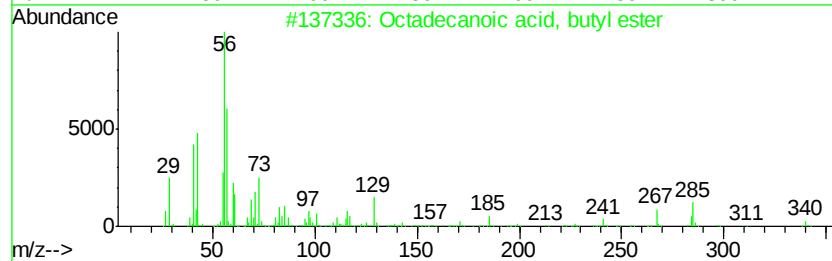
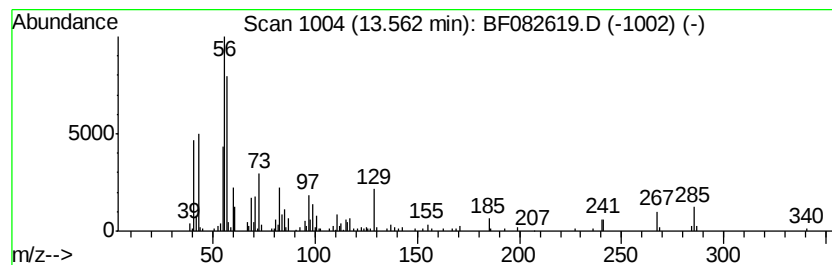
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.33 ng	218112	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Cyclohexanamine	99	C6H13N	000108-91-8	38
3		Propan-2-one O-(2-chloro-1-methy...	149	C6H12ClNO	1000186-05-6	38
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	37
5		2-Methyl-1-octadecene	266	C19H38	061868-20-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082619.D
Acq On : 31 Oct 2015 14:07
Operator : UM/IZ
Sample : G4191-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-24-L

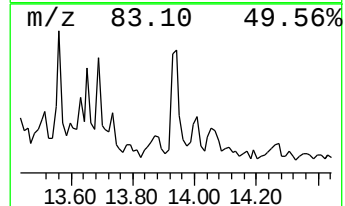
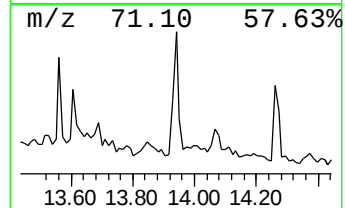
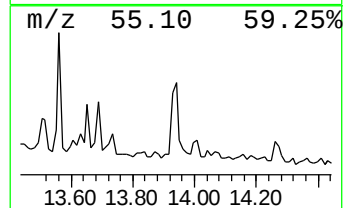
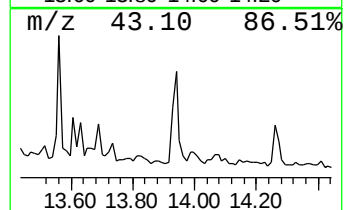
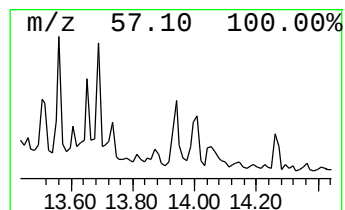
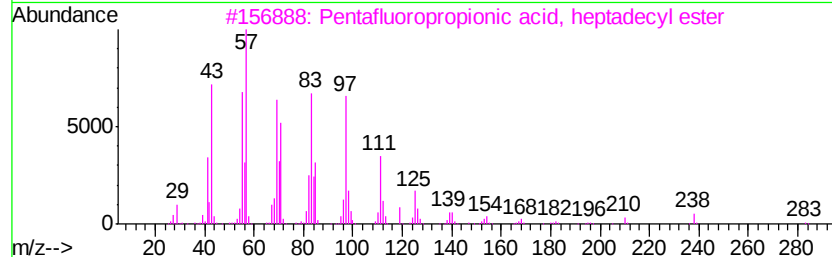
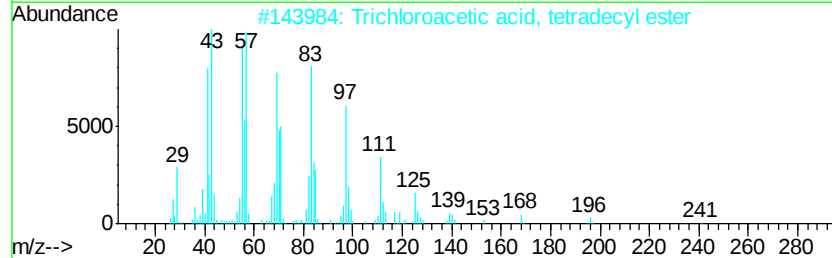
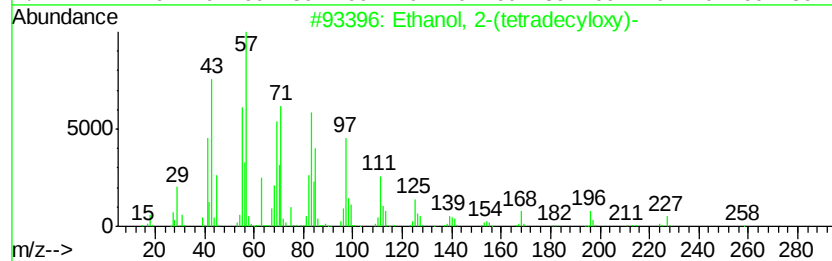
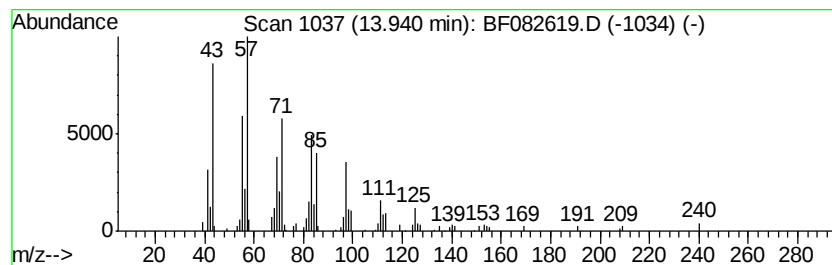
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.58 ng	169308	Chrysene-d12	14.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
2		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	53
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	49
4		Dodecane	170	C12H26	000112-40-3	46
5		Hexadecane	226	C16H34	000544-76-3	46



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Acq On : 31 Oct 2015 14:07
Operator : UM/IZ
Sample : G4191-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-24-L

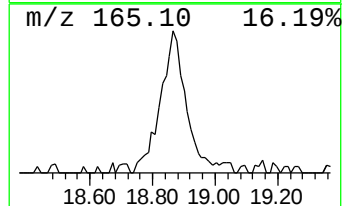
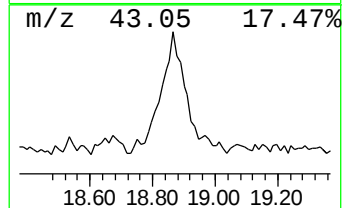
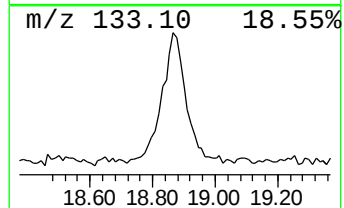
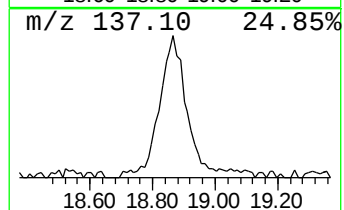
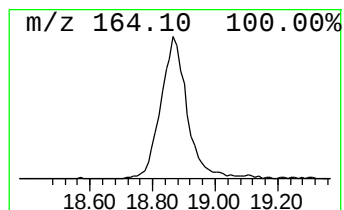
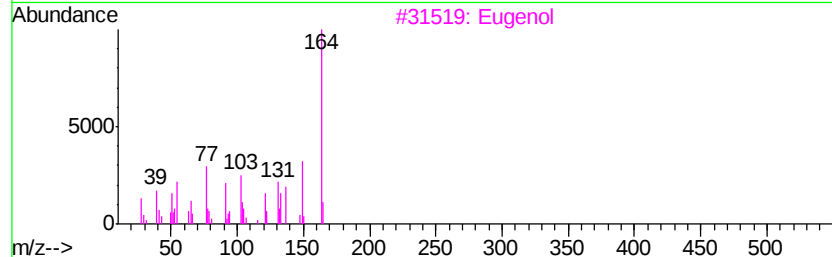
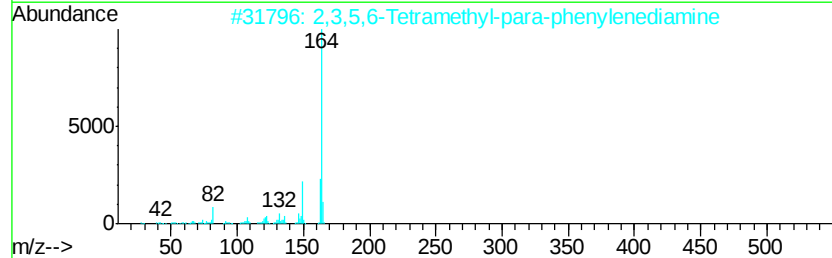
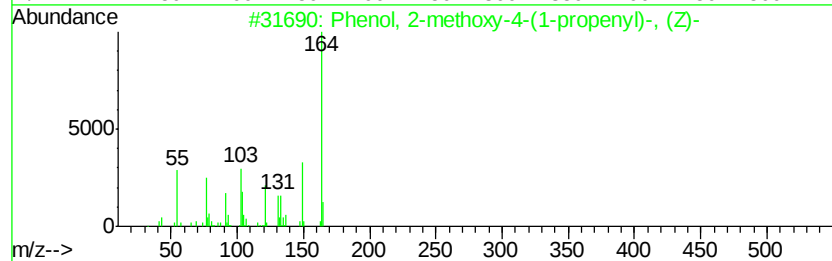
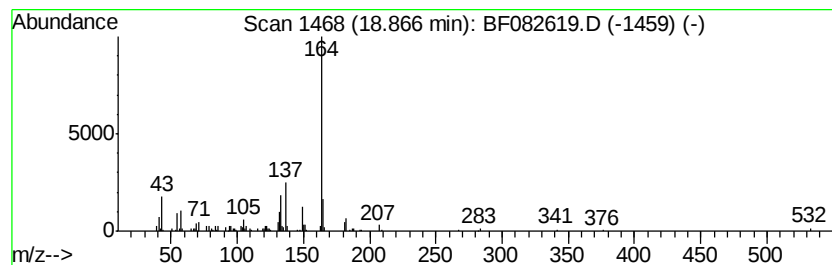
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 2-methoxy-4-(1-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	12.42 ng	714028	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005912-86-7	59
2		2,3,5,6-Tetramethyl-para-phenyle...	164	C10H16N2	003102-87-2	58
3		Eugenol	164	C10H12O2	000097-53-0	56
4		Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005932-68-3	53
5		1,4-Benzenediamine, N,N,N',N'-te...	164	C10H16N2	000100-22-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082619.D
Acq On : 31 Oct 2015 14:07
Operator : UM/IZ
Sample : G4191-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.10	50.5	ng	3239000	1	6.90	1284160	20.0
unknown6.67	6.67	87.9	ng	5643100	1	6.90	1284160	20.0
Hexanoic acid, 2-...	7.57	3.2	ng	275864	2	8.19	1740450	20.0
n-Hexadecanoic acid	11.96	3.9	ng	338072	4	11.44	1739630	20.0
Pentadecanoic acid	12.75	4.0	ng	344519	4	11.44	1739630	20.0
Hexadecanoic acid...	12.85	4.0	ng	265246	5	14.08	1310810	20.0
Octadecanoic acid...	13.56	3.3	ng	218112	5	14.08	1310810	20.0
Ethanol, 2-(tetra...	13.94	2.6	ng	169308	5	14.08	1310810	20.0
Phenol, 2-methoxy...	18.87	12.4	ng	714028	6	15.54	1149800	20.0