

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016964.D
 Acq On : 8 May 2015 19:29
 Operator : TP/IZ
 Sample : G2058-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEM-11

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_G\METHODS\8270-BG050515.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	2.919	34	39	47	rBV	228665	377474	7.41%	1.666%
2	2.990	47	51	65	rVB	391291	511871	10.04%	2.259%
3	4.911	374	378	385	rBV	36862	51882	1.02%	0.229%
4	5.375	450	457	466	rBV	421178	610437	11.98%	2.694%
5	6.956	720	726	734	rBV	319771	495556	9.72%	2.187%
6	7.326	782	789	797	rBV	809097	1280374	25.12%	5.651%
7	7.790	862	868	875	rVB2	231162	349615	6.86%	1.543%
8	8.113	914	923	930	rBV	648027	1029606	20.20%	4.544%
9	8.947	1057	1065	1073	rBV	646720	1062623	20.85%	4.690%
10	10.587	1336	1344	1351	rVB	318284	546781	10.73%	2.413%
11	13.054	1756	1764	1771	rBV	1867634	2767966	54.30%	12.217%
12	14.429	1992	1998	2006	rVB2	526526	795200	15.60%	3.510%
13	14.858	2064	2071	2083	rBV	344569	539407	10.58%	2.381%
14	15.916	2244	2251	2259	rBV	1981210	2809101	55.11%	12.398%
15	17.173	2459	2465	2471	rBV2	733026	1045778	20.52%	4.616%
16	18.072	2613	2618	2624	rBV	197507	282163	5.54%	1.245%
17	19.353	2831	2836	2844	rBV	160921	242057	4.75%	1.068%
18	19.799	2906	2912	2919	rBV	4128770	5097447	100.00%	22.498%
19	21.057	3122	3126	3132	rBV3	106011	151296	2.97%	0.668%
20	21.268	3158	3162	3168	rBV	91821	113474	2.23%	0.501%
21	21.345	3170	3175	3185	rVB	859447	1140365	22.37%	5.033%
22	22.502	3367	3372	3378	rBV2	185898	285671	5.60%	1.261%
23	23.642	3559	3566	3575	rVB	558264	1070764	21.01%	4.726%

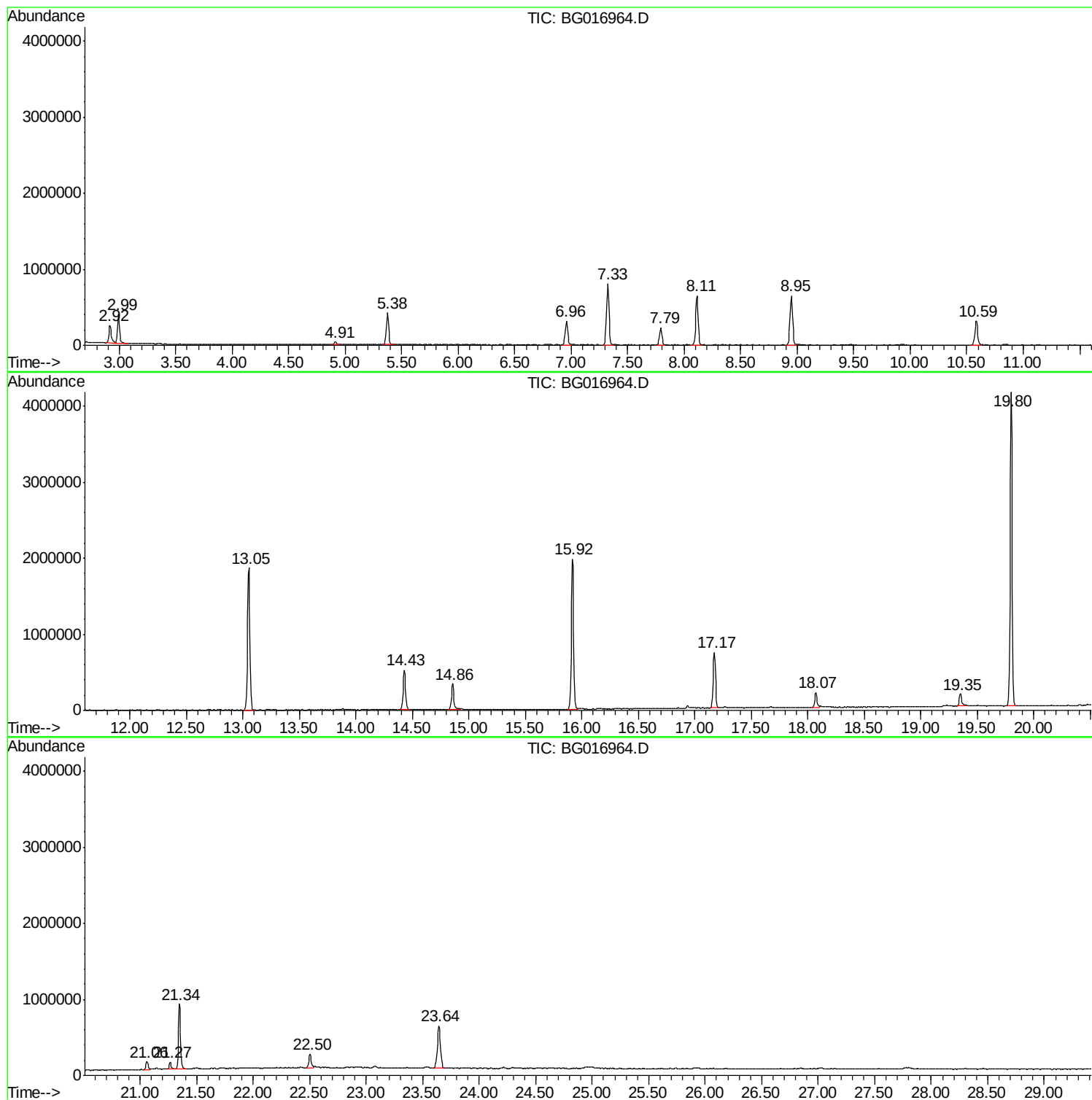
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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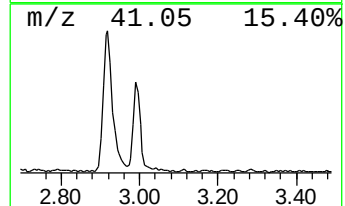
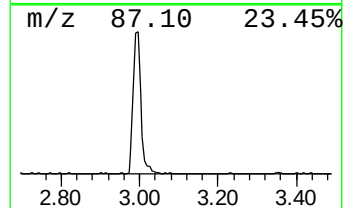
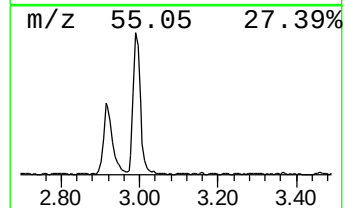
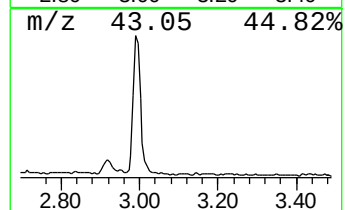
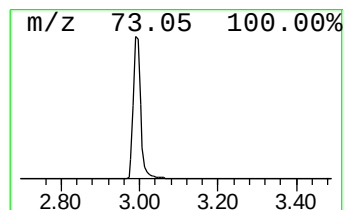
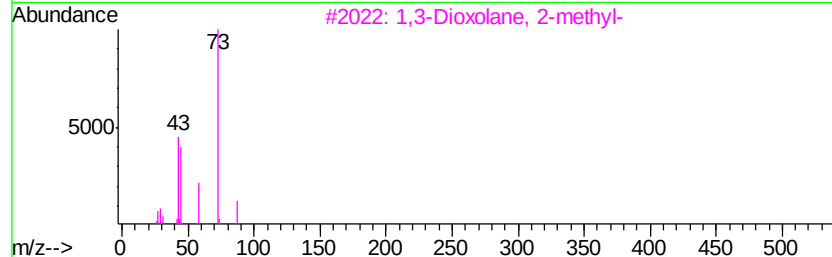
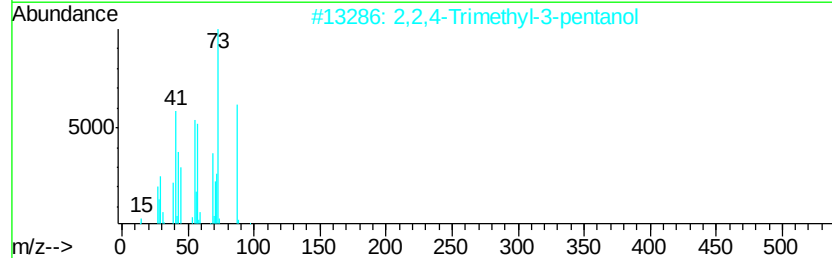
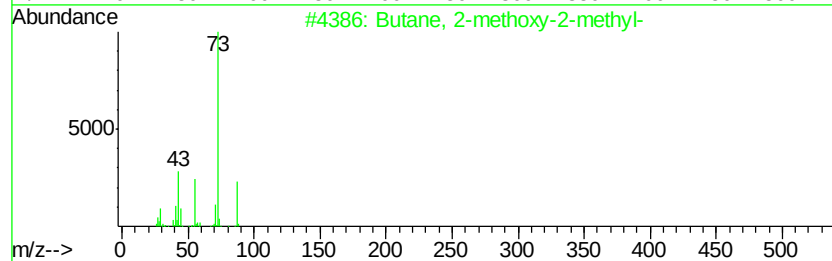
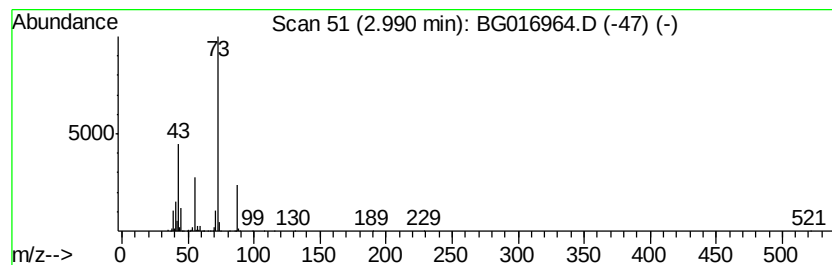
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	29.28 ng	511871	1,4-Dichlorobenzene-d4	7.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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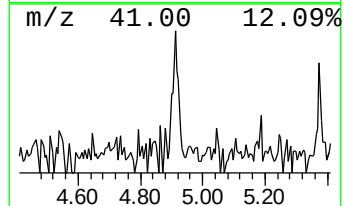
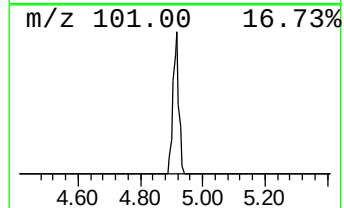
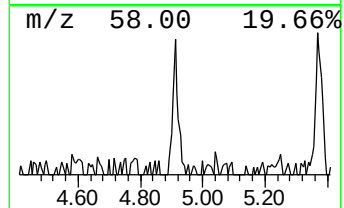
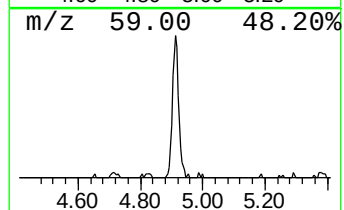
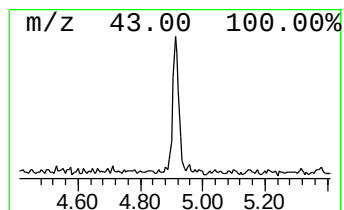
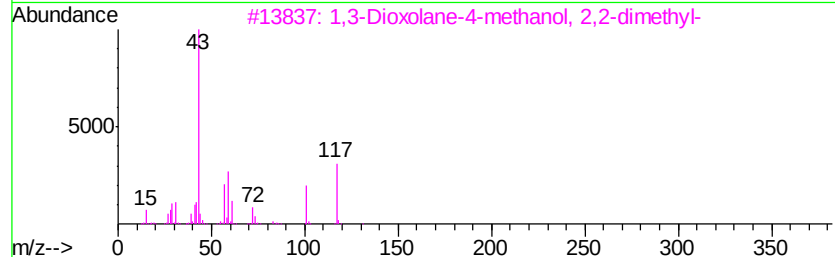
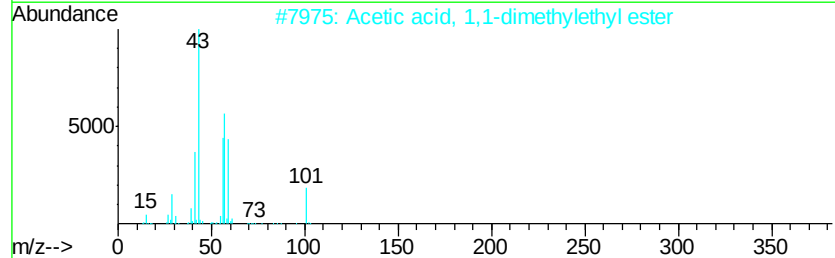
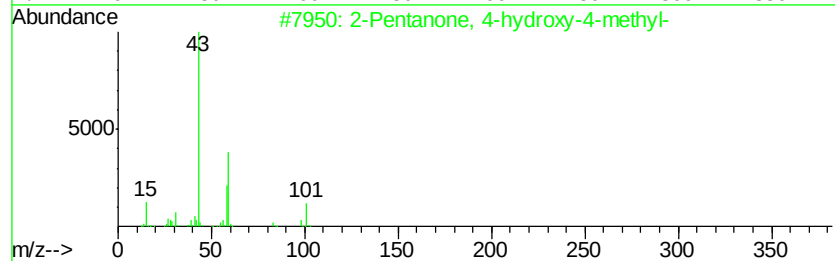
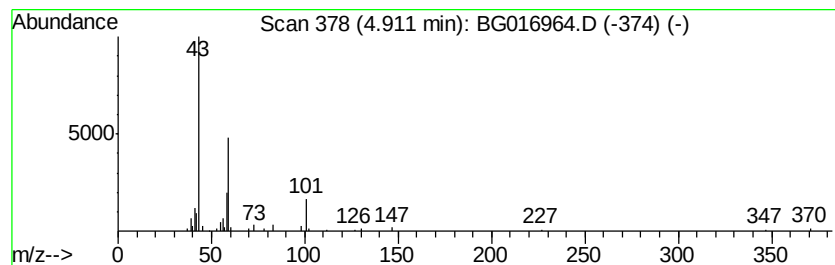
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.97 ng	51882	1,4-Dichlorobenzene-d4	7.79

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	33
3		1,3-Dioxolane-4-methanol, 2,2-di...	132	C6H12O3	000100-79-8	25
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Diacetamide	101	C4H7NO2	000625-77-4	9



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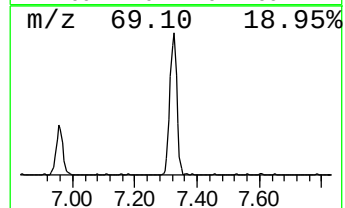
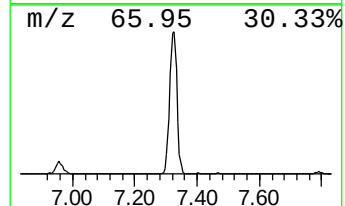
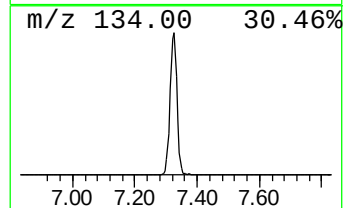
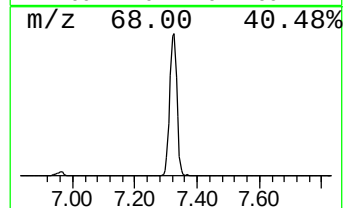
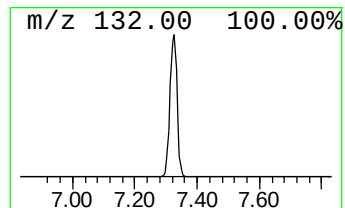
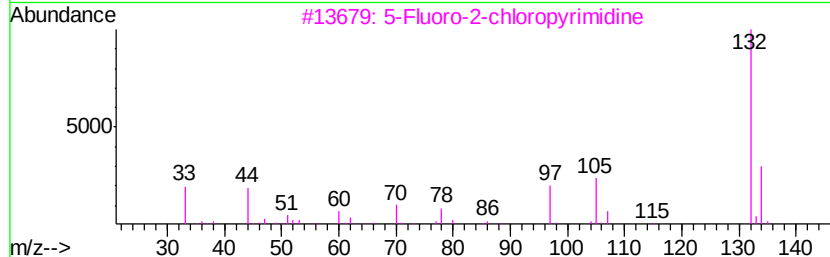
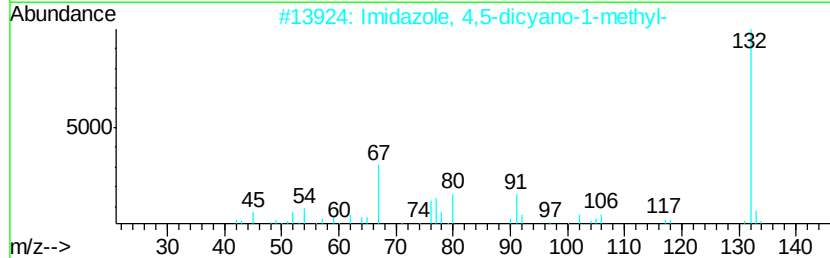
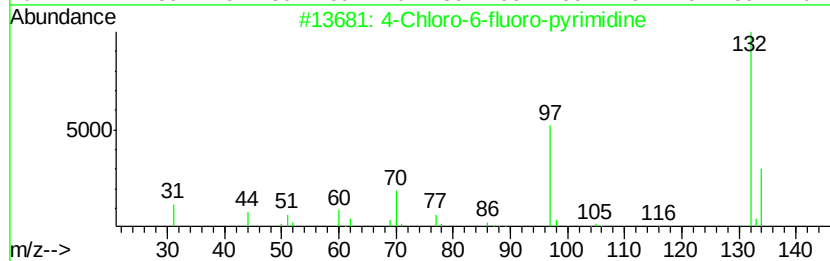
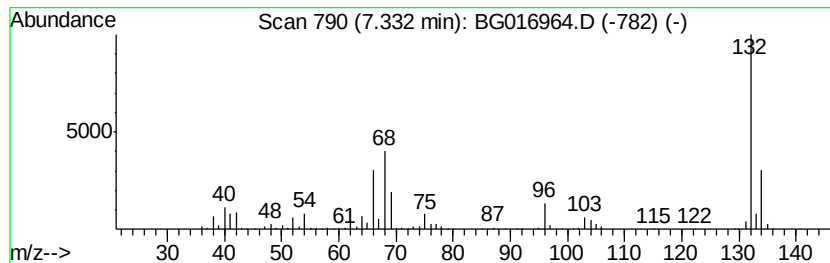
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	73.24 ng	1280370	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



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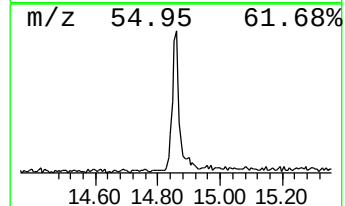
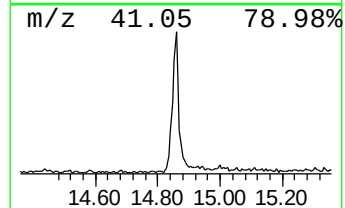
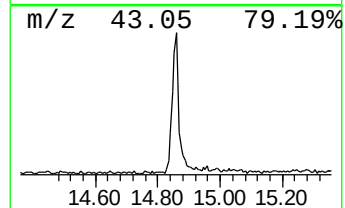
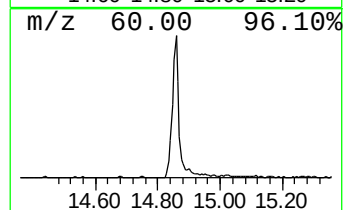
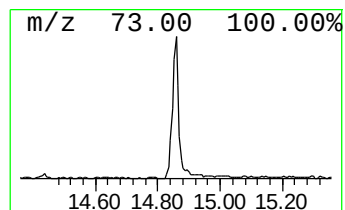
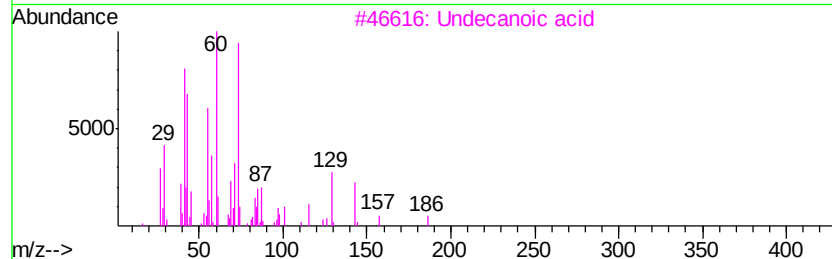
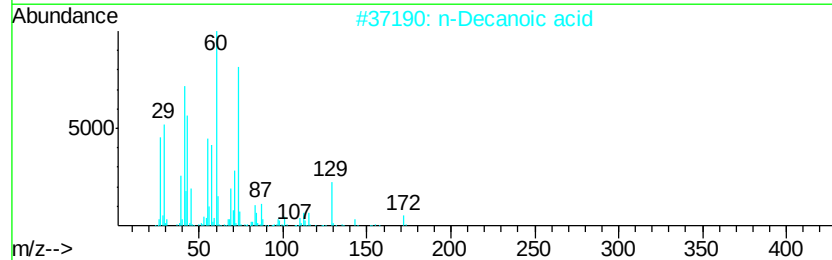
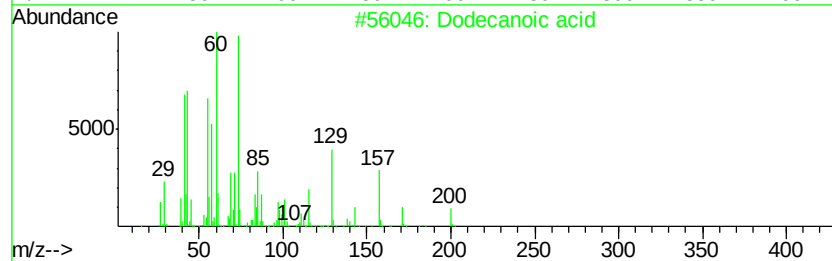
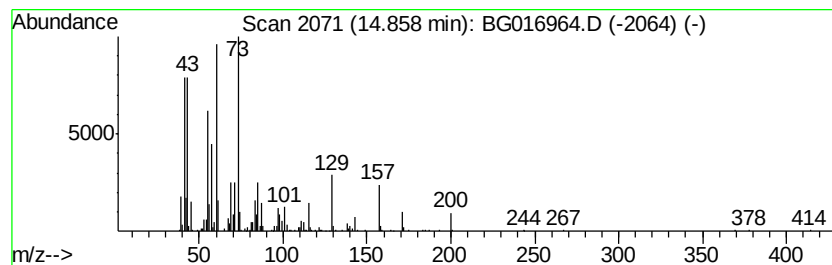
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.86	13.57 ng	539407	Acenaphthene-d10		14.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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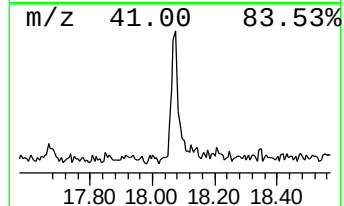
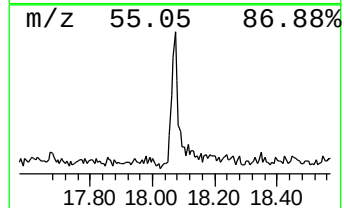
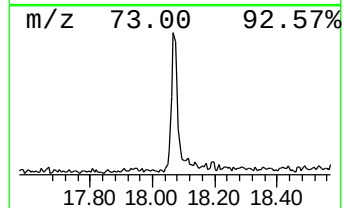
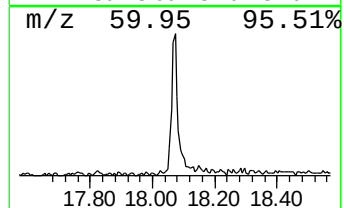
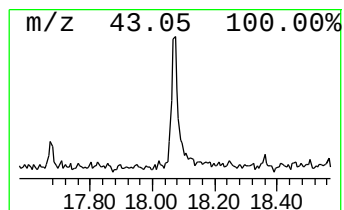
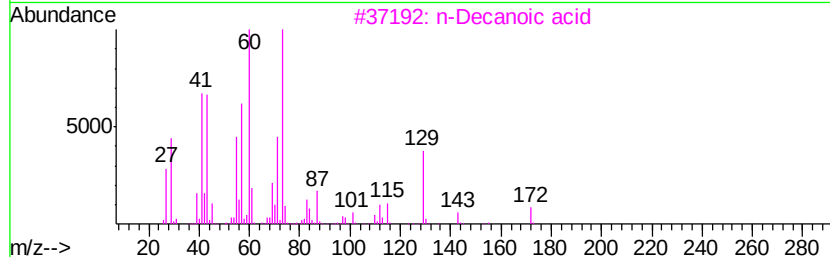
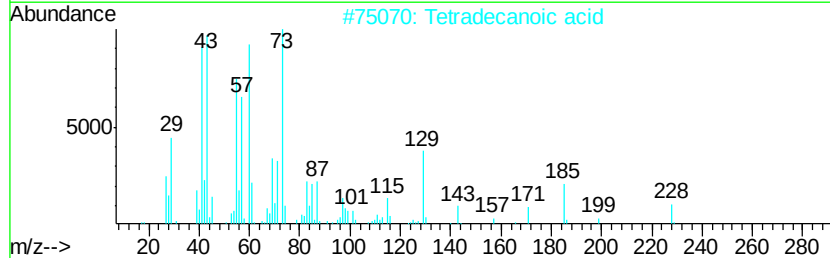
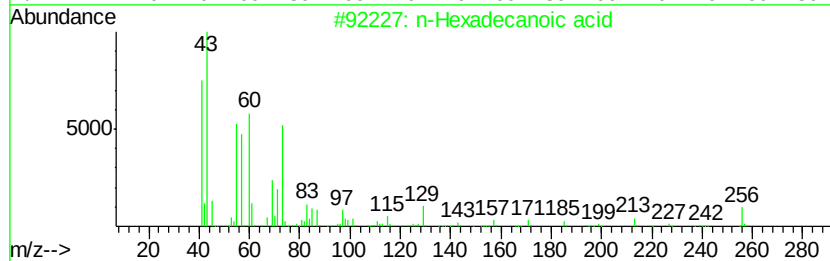
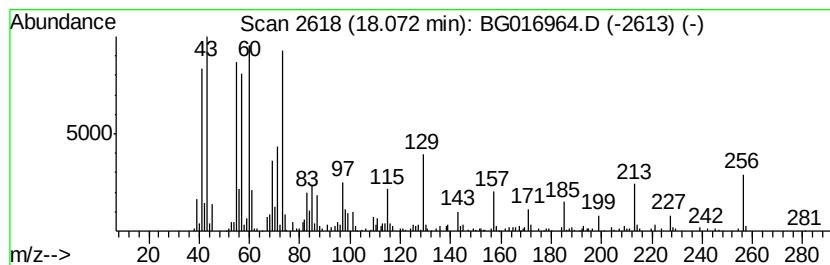
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.07	5.40 ng	282163	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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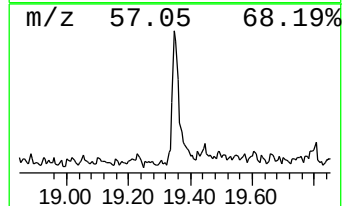
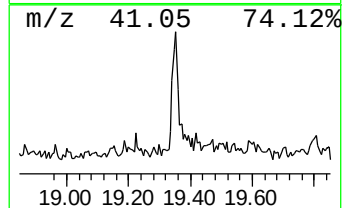
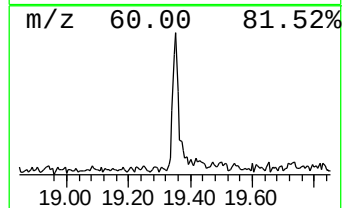
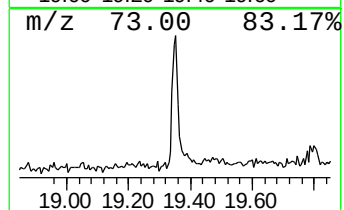
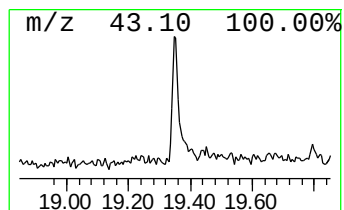
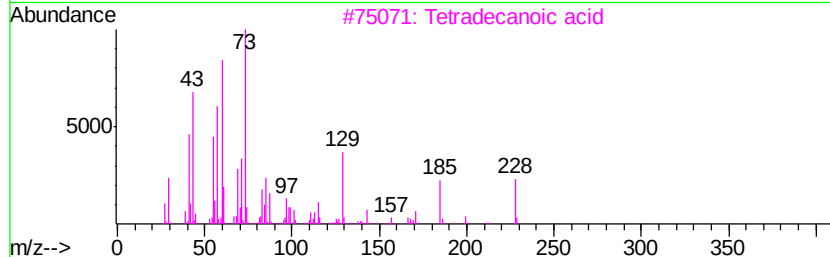
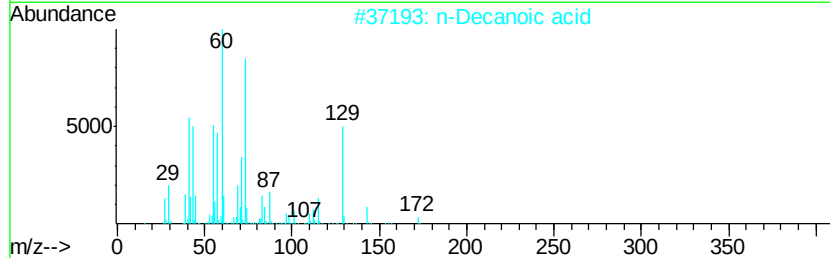
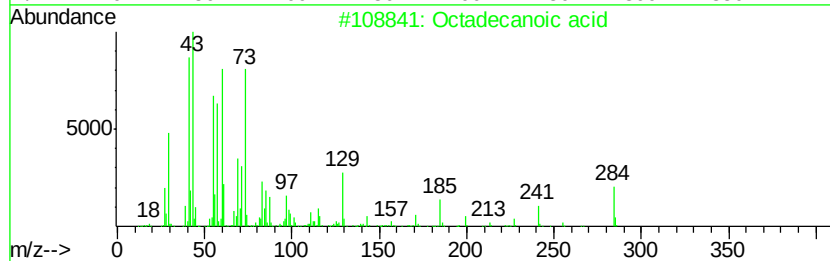
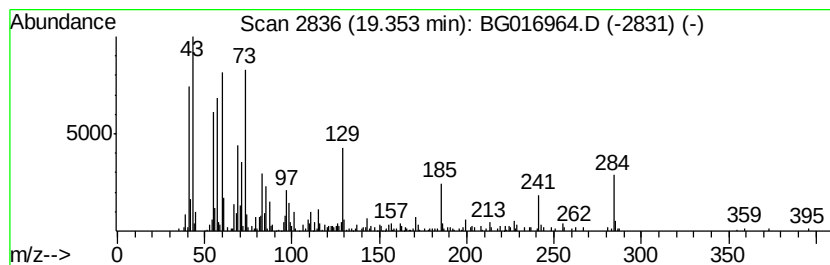
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.25 ng	242057	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		n-Decanoic acid	172	C10H20O2	000334-48-5	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016964.D
Acq On : 8 May 2015 19:29
Operator : TP/IZ
Sample : G2058-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

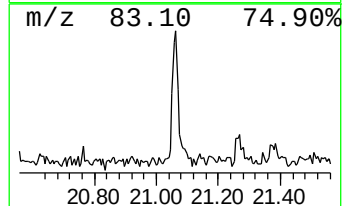
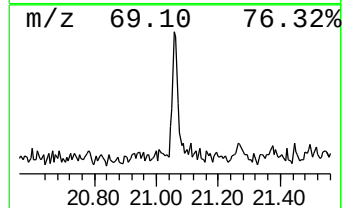
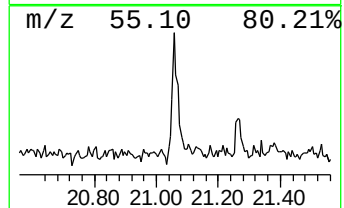
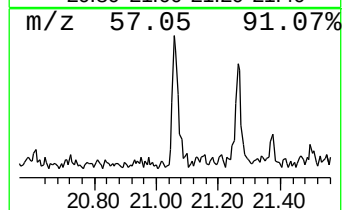
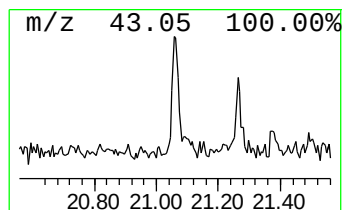
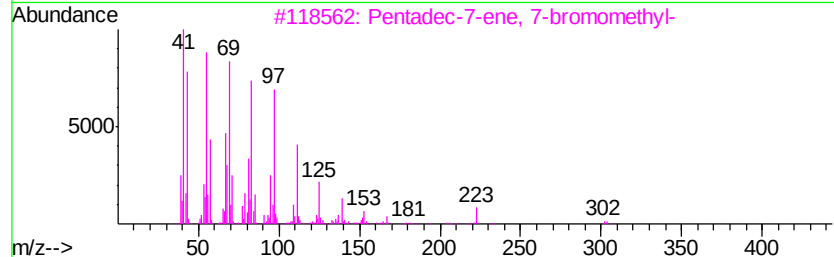
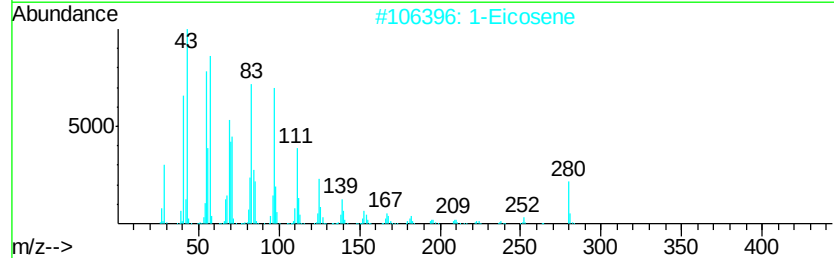
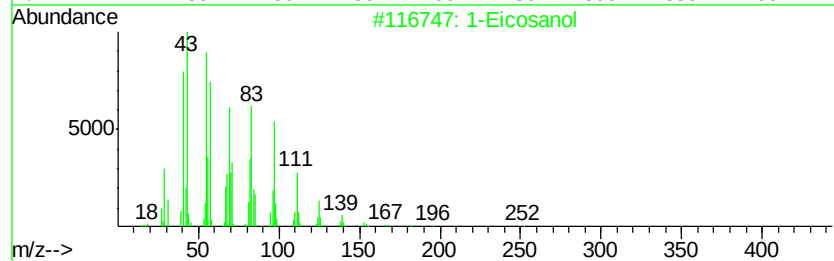
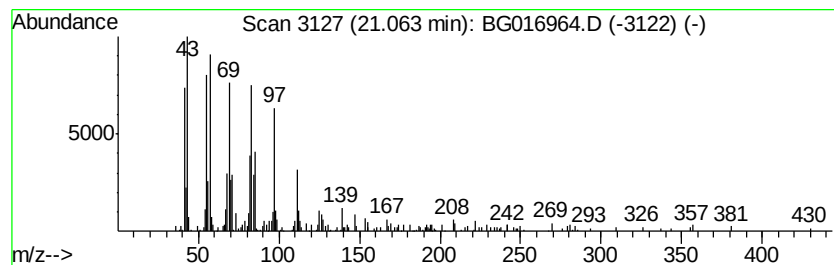
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Eicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.06	2.65 ng	151296	Chrysene-d12		21.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	86
2	1-Eicosene	280	C20H40	003452-07-1	83
3	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	83
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	83
5	Titanium tetrachloride	188	Cl4Ti	007550-45-0	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016964.D
Acq On : 8 May 2015 19:29
Operator : TP/IZ
Sample : G2058-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

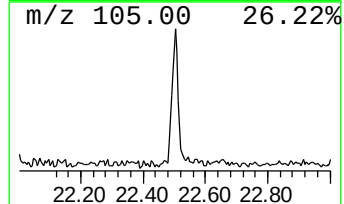
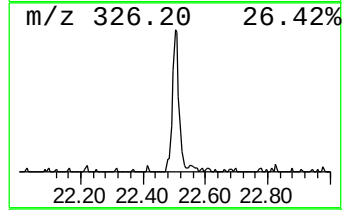
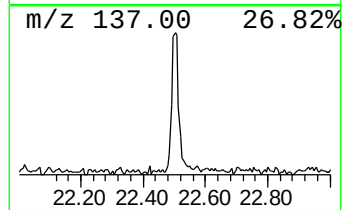
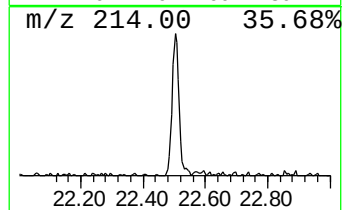
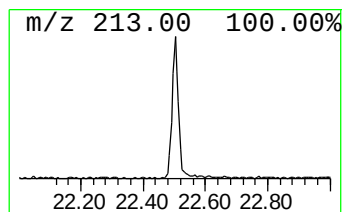
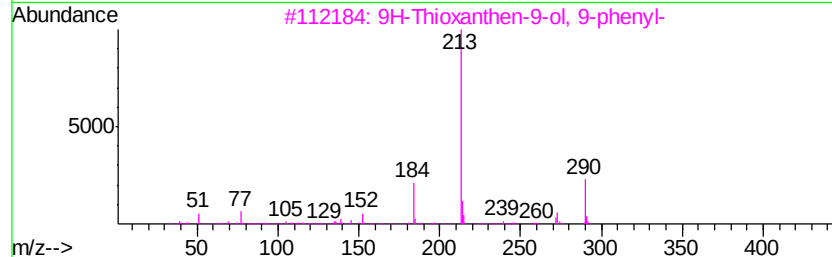
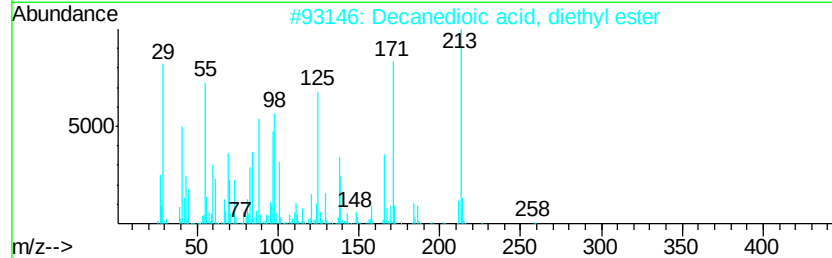
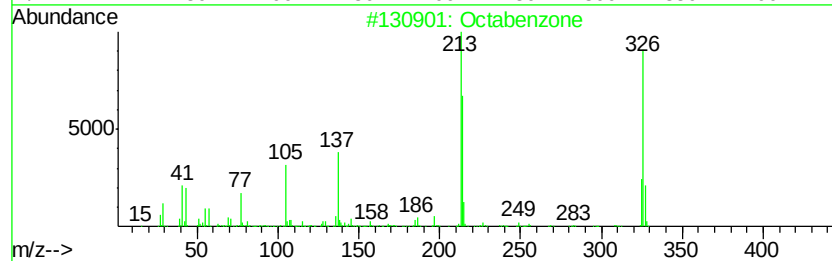
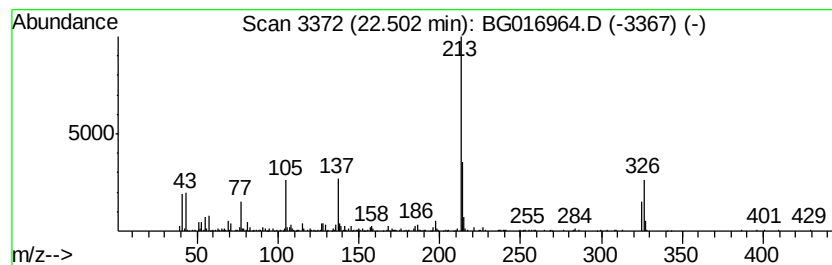
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octabenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.50	5.34 ng	285671	Perylene-d12	23.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzene	326	C21H26O3	001843-05-6	83
2	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	38
3	9H-Thioxanthen-9-ol, 9-phenyl-	290	C19H14OS	006630-80-4	25
4	Phen-1,3-diol, 2-benzoyl-	214	C13H10O3	063411-81-4	17
5	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	17



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016964.D
Acq On : 8 May 2015 19:29
Operator : TP/IZ
Sample : G2058-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEM-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
Butane, 2-methoxy...	2.99	29.3	ng	511871	1	7.79	349615	20.0
2-Pentanone, 4-hy...	4.91	3.0	ng	51882	1	7.79	349615	20.0
unknown7.33	7.33	73.2	ng	1280370	1	7.79	349615	20.0
Dodecanoic acid	14.86	13.6	ng	539407	3	14.43	795200	20.0
n-Hexadecanoic acid	18.07	5.4	ng	282163	4	17.17	1045780	20.0
Octadecanoic acid	19.35	4.3	ng	242057	5	21.34	1140370	20.0
1-Eicosanol	21.06	2.6	ng	151296	5	21.34	1140370	20.0
Octabenzene	22.50	5.3	ng	285671	6	23.64	1070760	20.0