

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016983.D
 Acq On : 9 May 2015 8:48
 Operator : TP/IZ
 Sample : G2081-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-9

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_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	2.914	34	38	47	rBV	337401	519908	10.27%	2.134%
2	2.990	47	51	58	rBV	610992	710206	14.03%	2.915%
3	4.911	372	378	387	rVB2	43547	64351	1.27%	0.264%
4	5.376	449	457	466	rBV	548861	803426	15.87%	3.298%
5	6.962	719	727	734	rBV	377329	603458	11.92%	2.477%
6	7.326	781	789	797	rBV	1007010	1602758	31.67%	6.579%
7	7.790	860	868	874	rBV	227614	360263	7.12%	1.479%
8	8.114	914	923	931	rBV	818379	1330956	26.30%	5.464%
9	8.948	1058	1065	1074	rBV	816817	1343755	26.55%	5.516%
10	10.581	1336	1343	1352	rBV	328258	552167	10.91%	2.267%
11	13.049	1756	1763	1771	rBV	2058427	3092041	61.09%	12.693%
12	13.883	1900	1905	1909	rBV	38692	53831	1.06%	0.221%
13	14.430	1991	1998	2003	rBV2	550388	856232	16.92%	3.515%
14	14.477	2003	2006	2016	rVB	79974	135134	2.67%	0.555%
15	15.170	2119	2124	2129	rBV	44218	60745	1.20%	0.249%
16	15.916	2244	2251	2258	rBV	2015495	2864939	56.60%	11.760%
17	16.075	2272	2278	2284	rVB4	39333	68657	1.36%	0.282%
18	16.933	2419	2424	2428	rBV	44140	57219	1.13%	0.235%
19	17.173	2459	2465	2471	rBV2	763903	1096221	21.66%	4.500%
20	17.555	2523	2530	2535	rBV8	29888	52319	1.03%	0.215%
21	18.067	2612	2617	2625	rBV2	153331	235998	4.66%	0.969%
22	18.137	2625	2629	2634	rVB	81053	112297	2.22%	0.461%
23	18.924	2759	2763	2768	rBV3	55873	76822	1.52%	0.315%
24	19.347	2830	2835	2843	rBV3	72613	121179	2.39%	0.497%
25	19.494	2857	2860	2865	rVB3	50250	54384	1.07%	0.223%
26	19.800	2905	2912	2917	rBV	4099276	5061419	100.00%	20.777%
27	20.434	3010	3020	3023	rBV7	66308	113694	2.25%	0.467%
28	21.057	3122	3126	3133	rBV2	116482	159155	3.14%	0.653%
29	21.345	3170	3175	3180	rBV	858820	1094458	21.62%	4.493%
30	23.642	3558	3566	3576	rVB2	565952	1102740	21.79%	4.527%

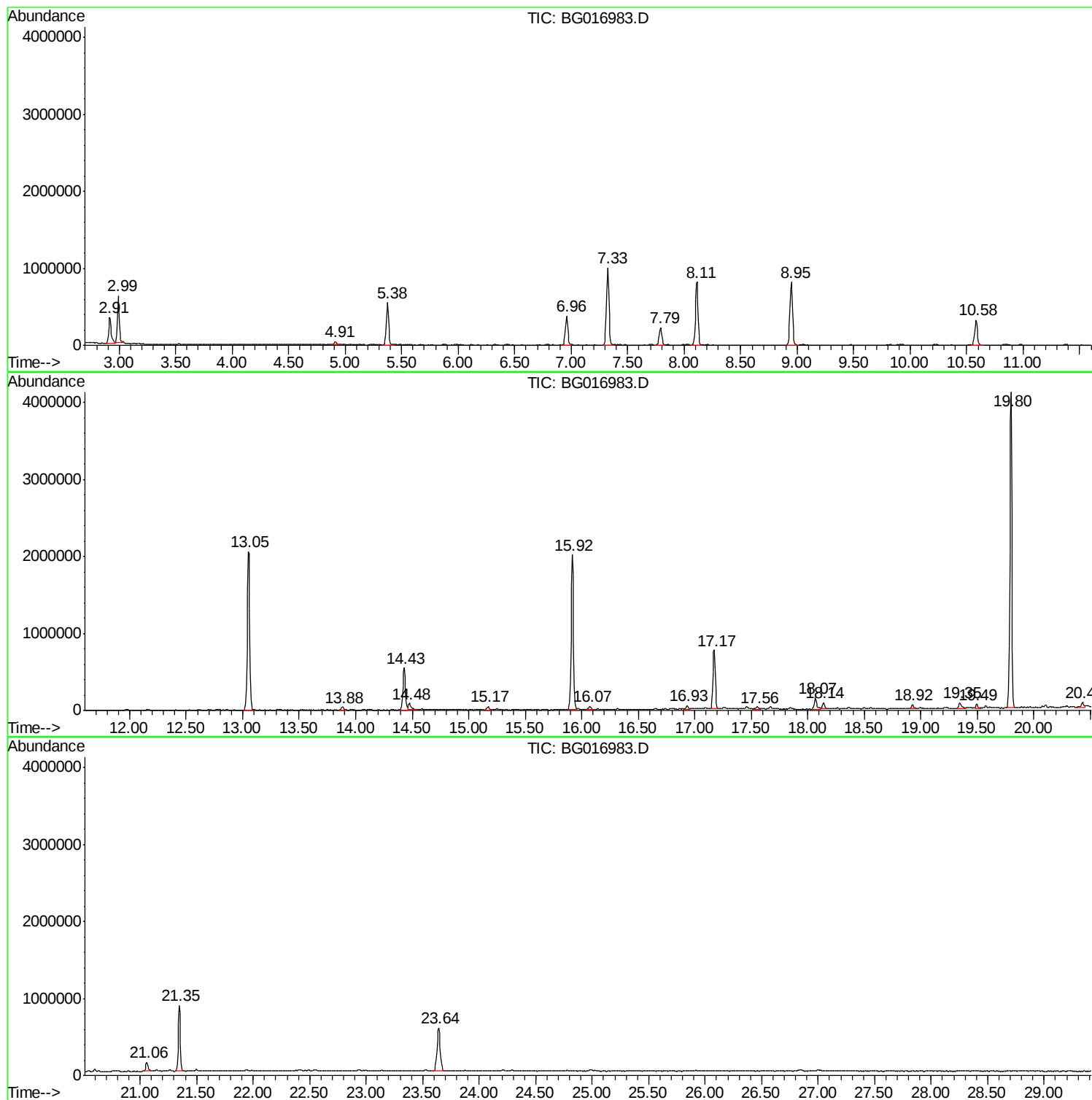
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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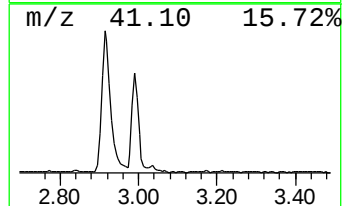
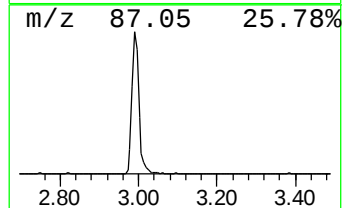
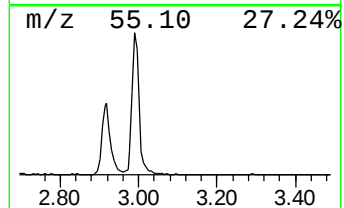
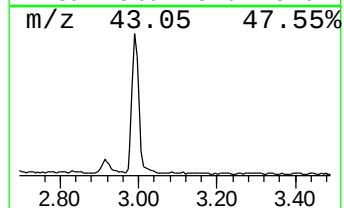
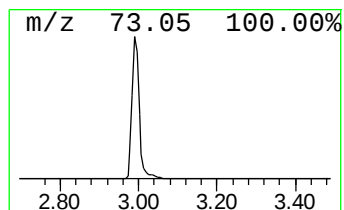
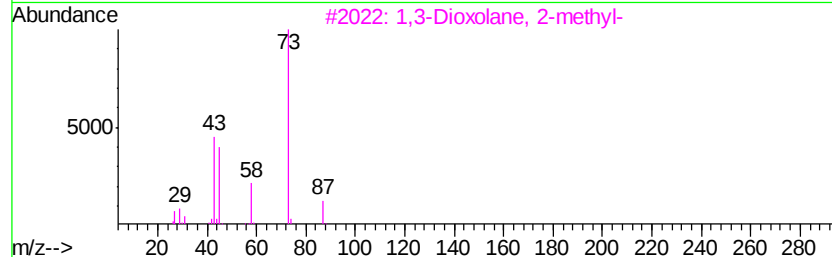
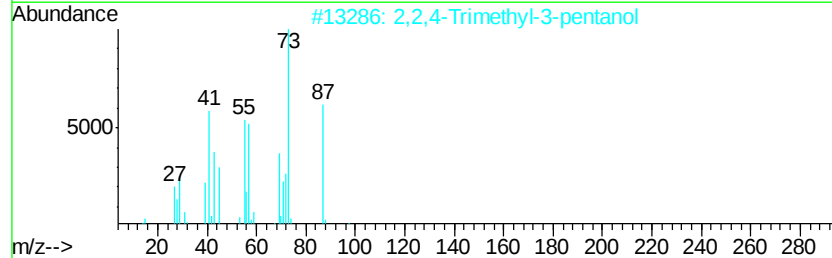
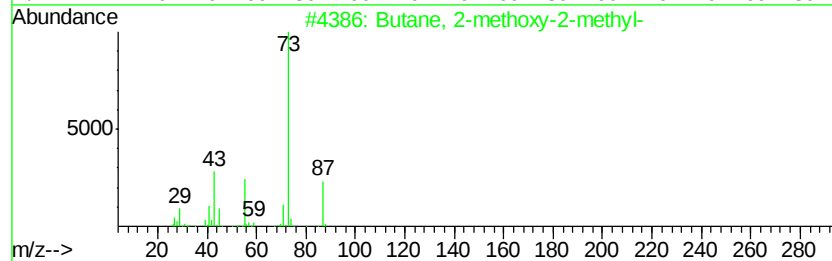
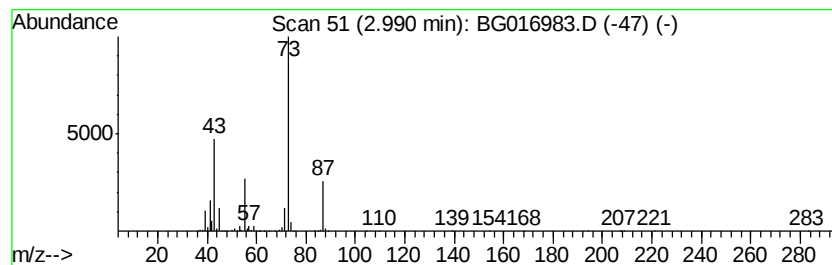
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	39.43 ng	710206	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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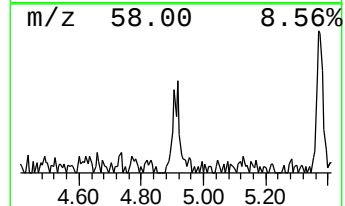
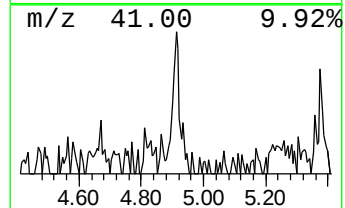
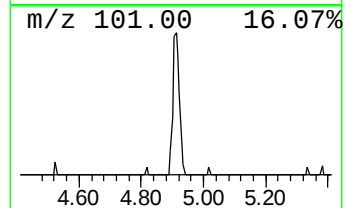
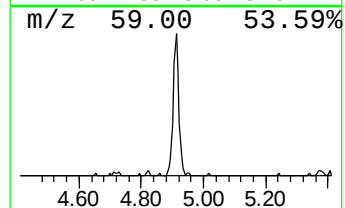
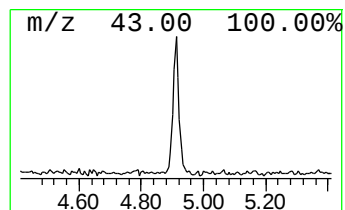
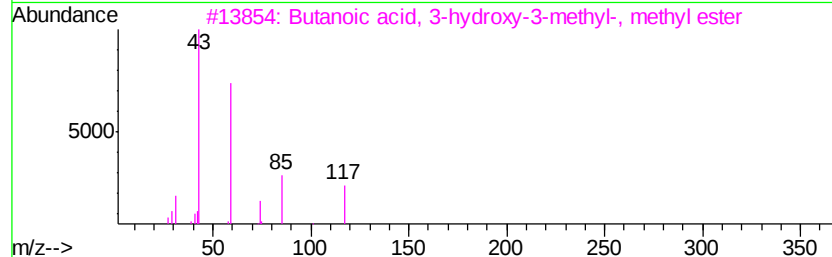
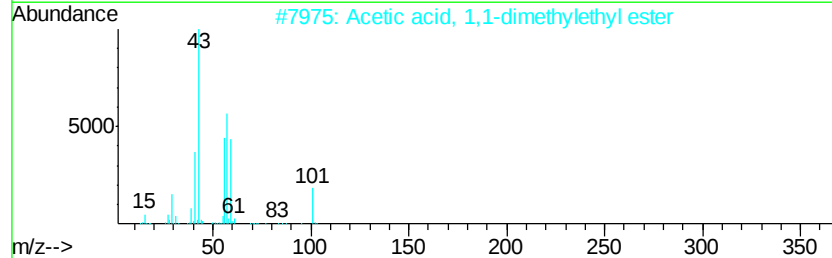
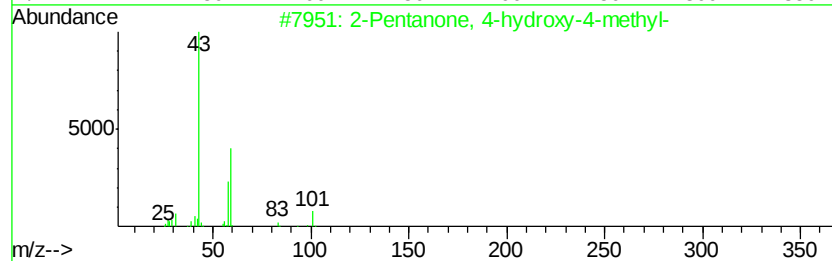
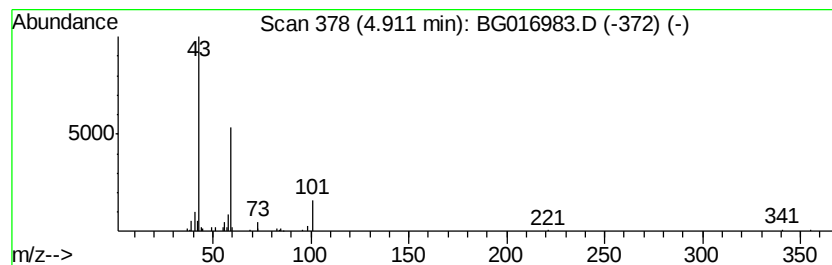
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.57 ng	64351	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	36
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23



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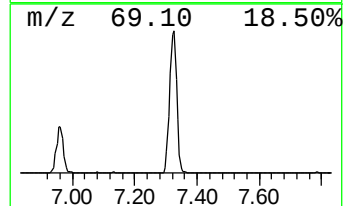
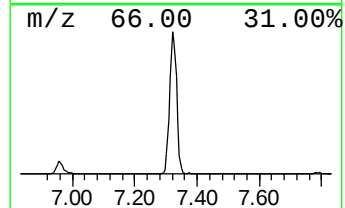
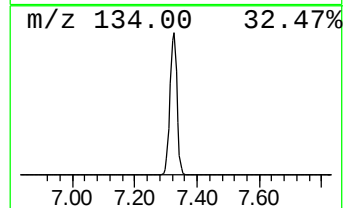
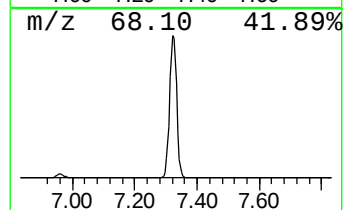
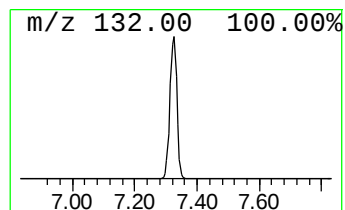
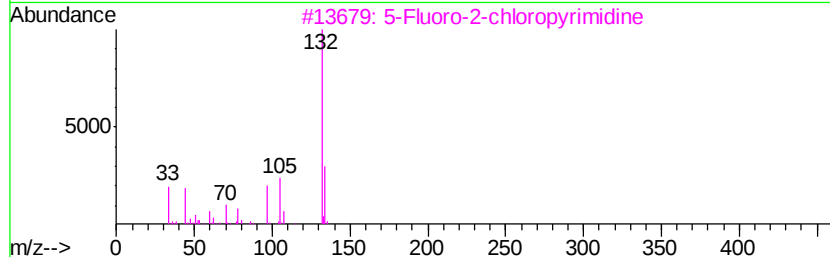
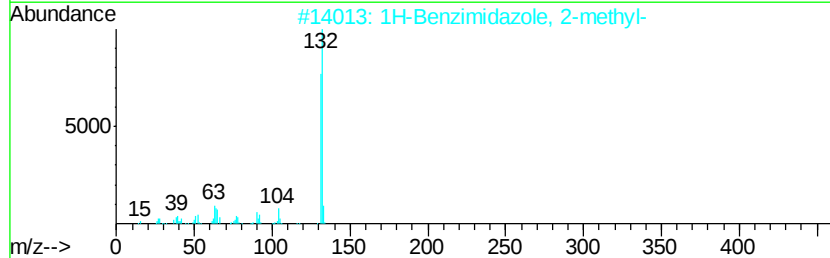
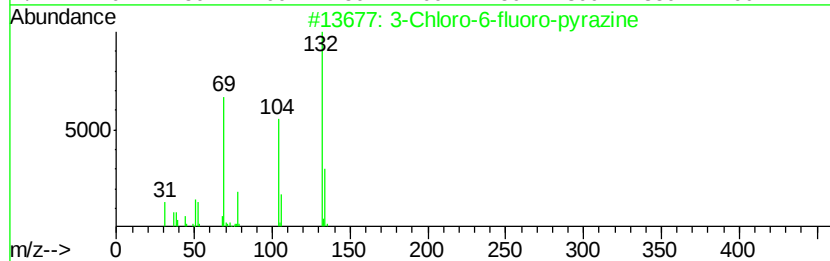
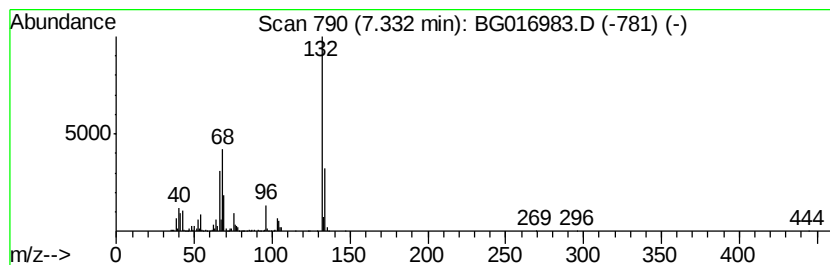
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Peak Number 4 unknown7.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	88.98 ng	1602760	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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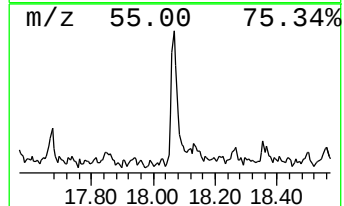
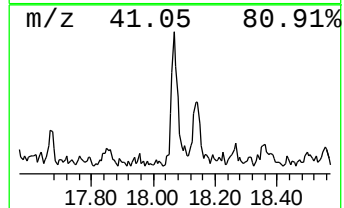
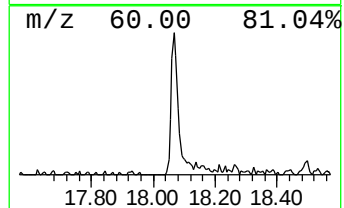
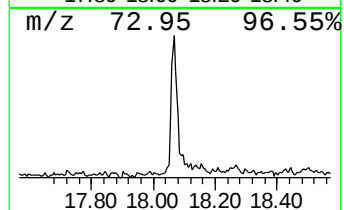
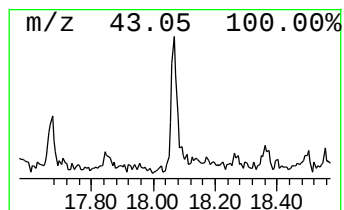
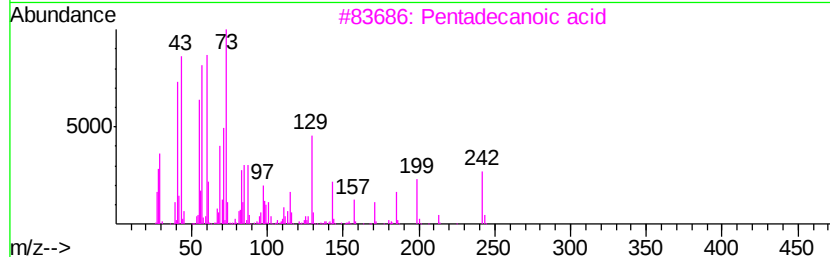
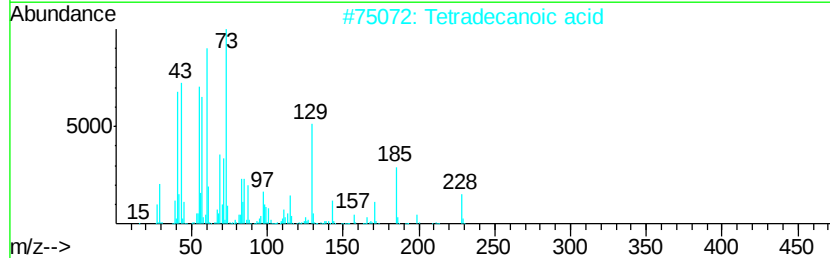
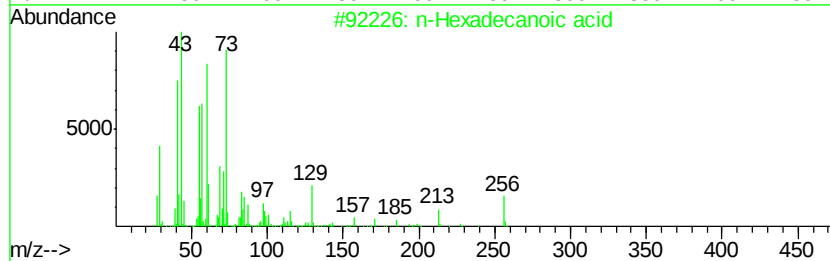
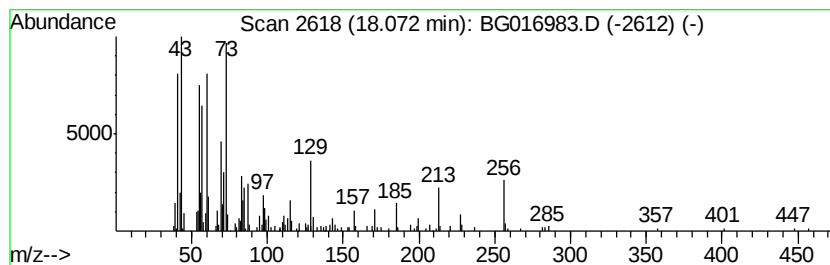
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.31 ng	235998	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4		Tridecanoic acid	214	C13H26O2	000638-53-9	49
5		n-Decanoic acid	172	C10H20O2	000334-48-5	45



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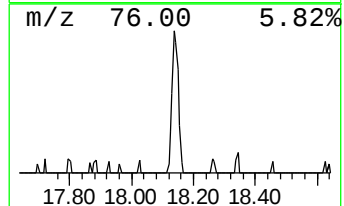
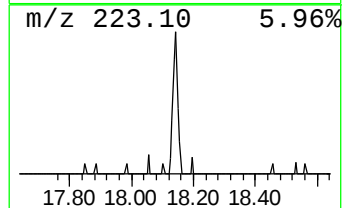
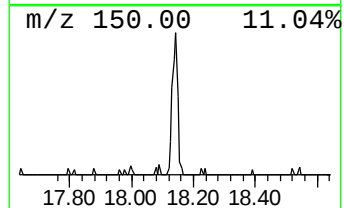
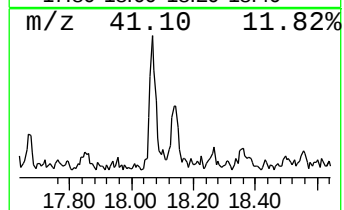
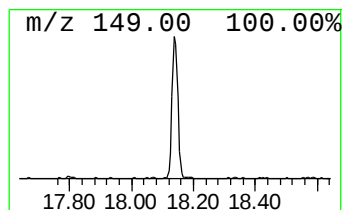
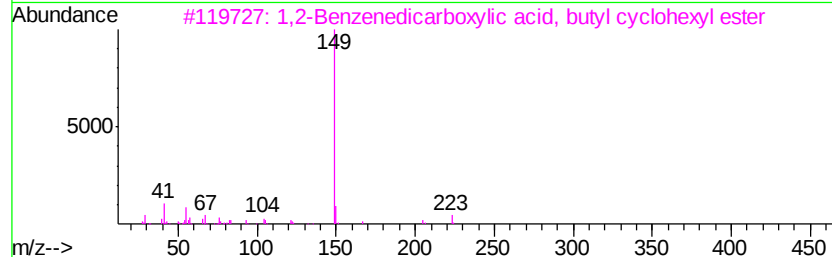
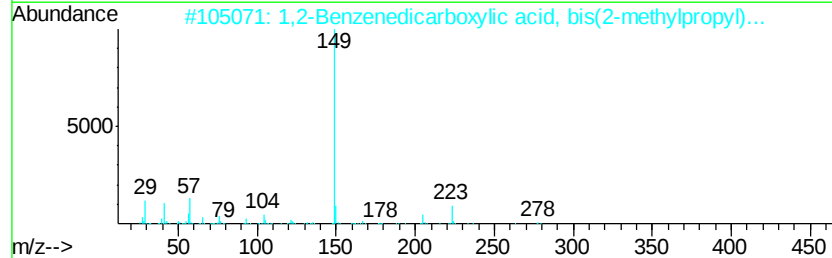
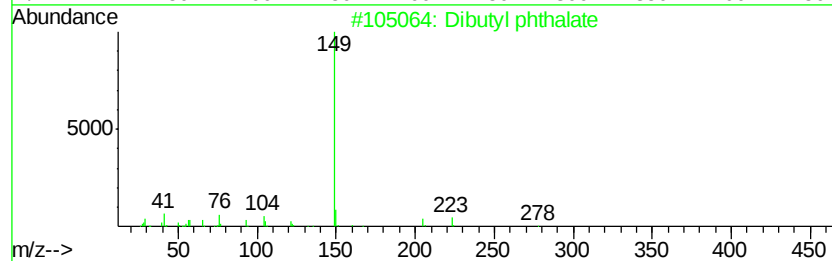
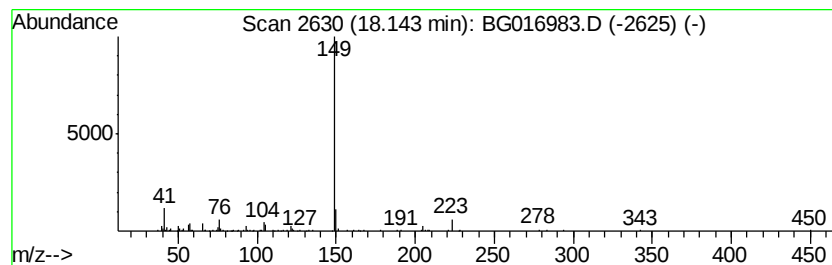
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 Dibutyl phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.05 ng	112297	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibutyl phthalate	278	C16H22O4	000084-74-2	94
2		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	86
3		1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	78
4		1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	78
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78



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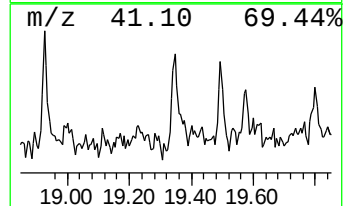
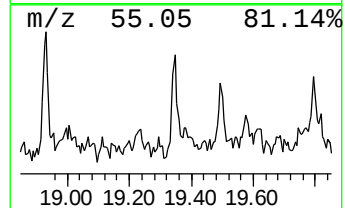
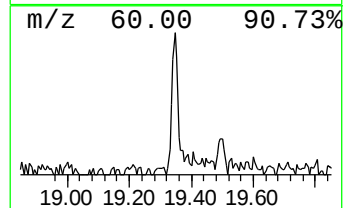
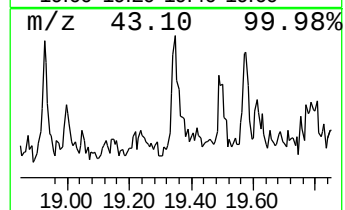
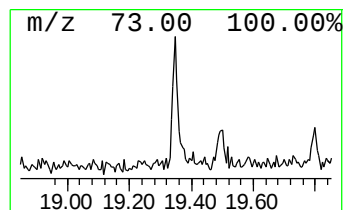
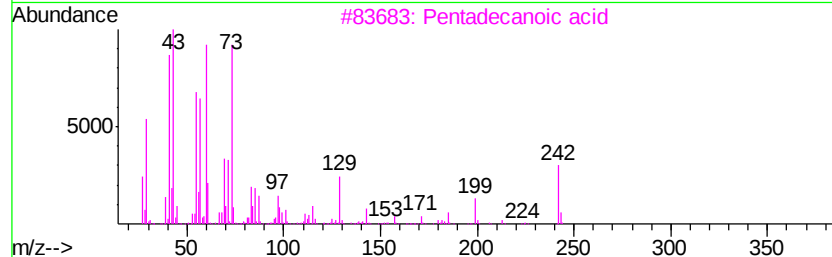
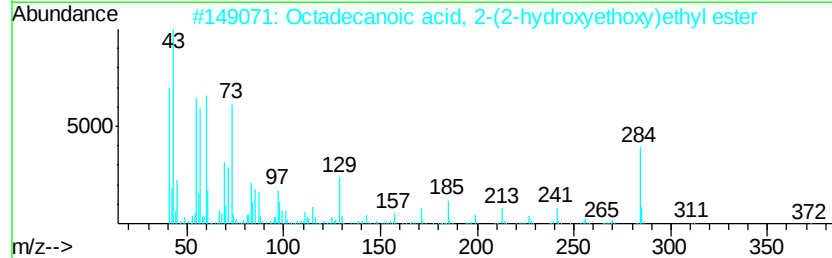
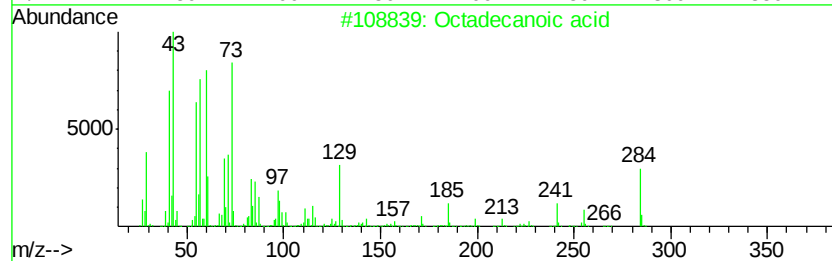
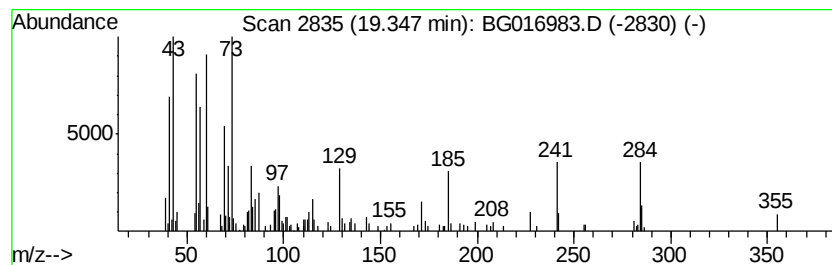
Instrument :
BNA_G
ClientSampleId :
MWHR2-9

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 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.35	2.21 ng	121179	Chrysene-d12		21.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	83
2		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016983.D
Acq On : 9 May 2015 8:48
Operator : TP/IZ
Sample : G2081-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR2-9

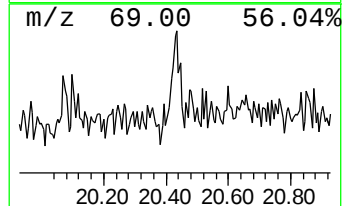
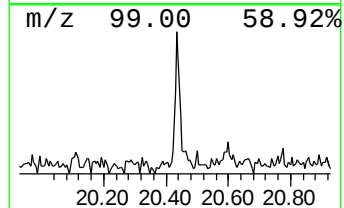
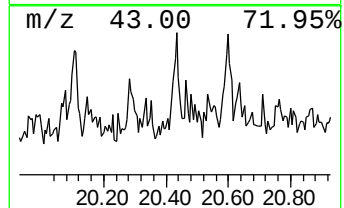
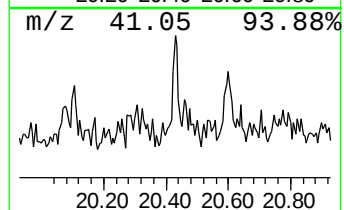
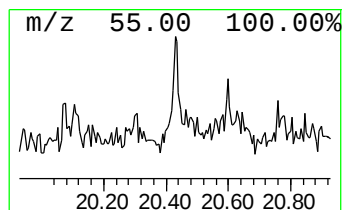
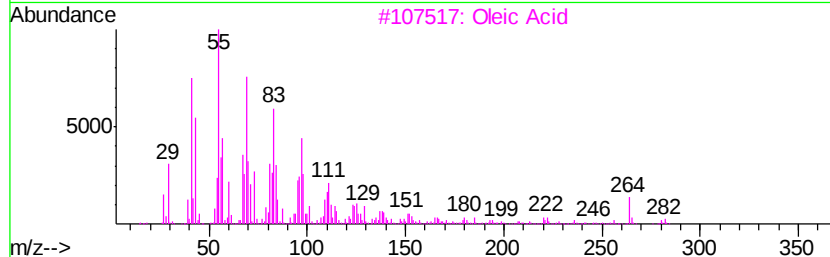
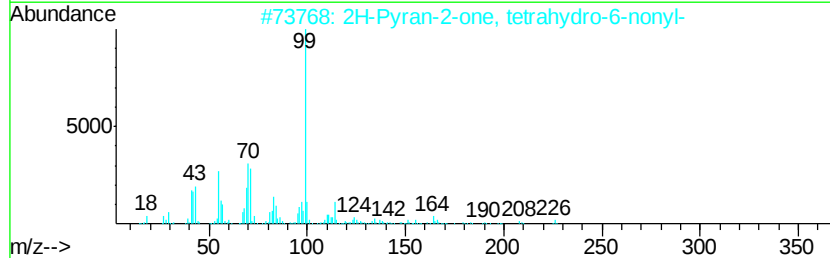
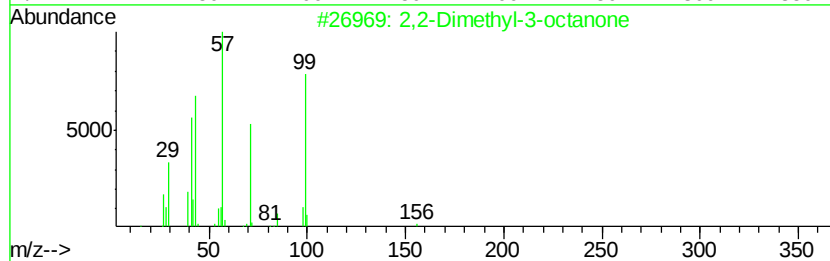
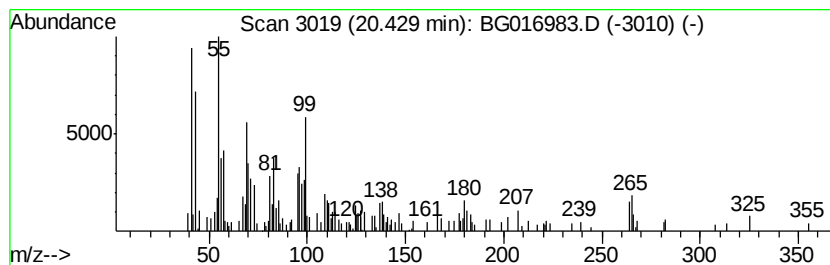
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown20.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.08 ng	113694	Chrysene-d12	21.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-octanone			156	C10H20O	005340-64-7	42
2	2H-Pyran-2-one, tetrahydro-6-nonyl-			226	C14H26O2	002721-22-4	38
3	Oleic Acid			282	C18H34O2	000112-80-1	38
4	9-Octadecenoic acid, (E)-			282	C18H34O2	000112-79-8	35
5	1-Methoxy-2,3-dimethyl-2-butene			114	C7H14O	020518-48-3	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016983.D
Acq On : 9 May 2015 8:48
Operator : TP/IZ
Sample : G2081-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHR2-9

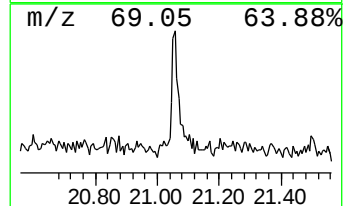
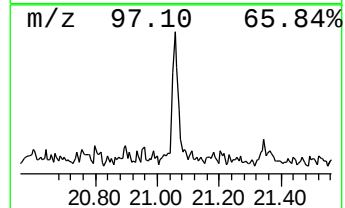
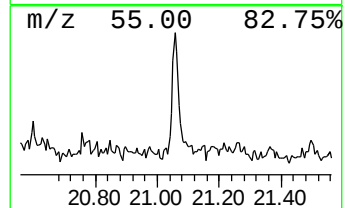
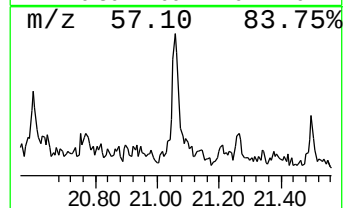
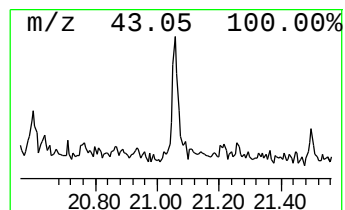
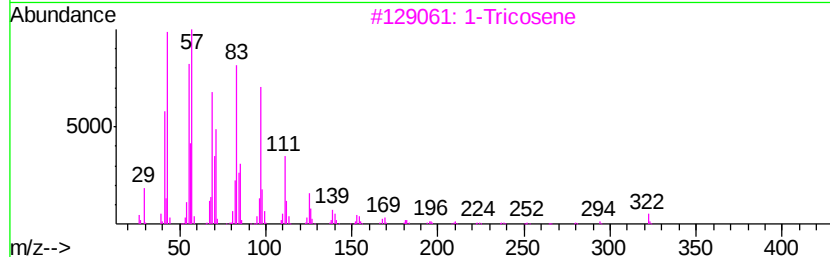
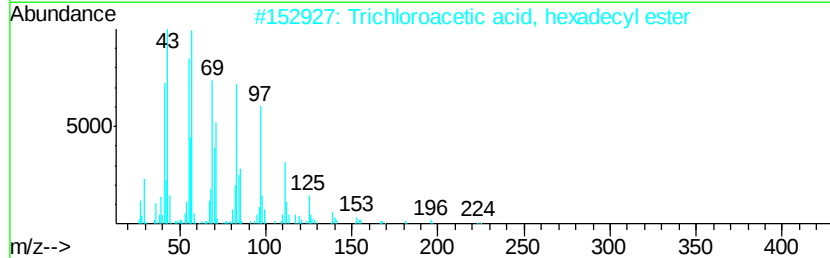
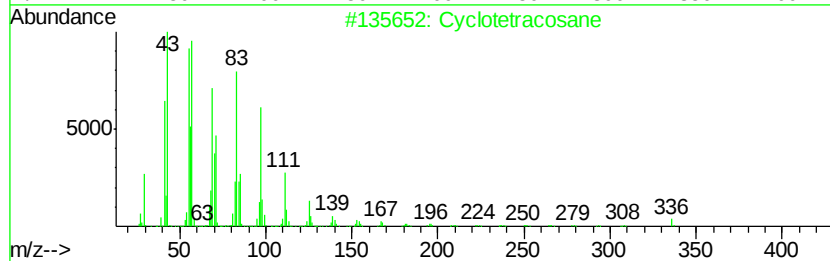
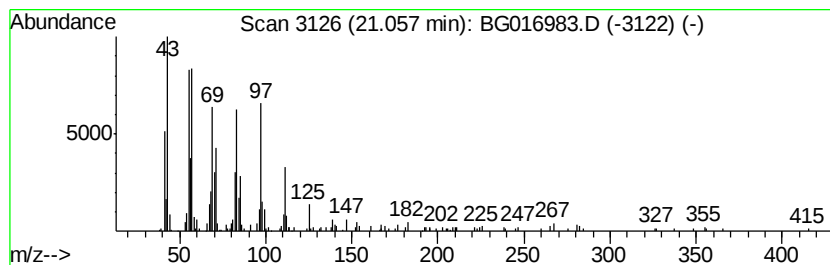
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.91 ng	159155	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		1-Tricosene	322	C23H46	018835-32-0	90
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		1-Docosene	308	C22H44	001599-67-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016983.D
Acq On : 9 May 2015 8:48
Operator : TP/IZ
Sample : G2081-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWHHR2-9

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	39.4	ng	710206	1	7.79	360263	20.0
2-Pentanone, 4-hy...	4.91	3.6	ng	64351	1	7.79	360263	20.0
unknown7.33	7.33	89.0	ng	1602760	1	7.79	360263	20.0
n-Hexadecanoic acid	18.07	4.3	ng	235998	4	17.17	1096220	20.0
Dibutyl phthalate	18.14	2.0	ng	112297	4	17.17	1096220	20.0
Octadecanoic acid	19.35	2.2	ng	121179	5	21.35	1094460	20.0
unknown20.43	20.43	2.1	ng	113694	5	21.35	1094460	20.0
Cyclotetracosane	21.06	2.9	ng	159155	5	21.35	1094460	20.0