

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017560.D
 Acq On : 9 Jun 2015 5:28
 Operator : TP/IZ
 Sample : G2507-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIER2-9(0-2)

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-BG060315.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	2.741	5	9	14	rBV	54424	58228	5.22%	0.635%
2	4.704	339	343	348	rBV	29704	44611	4.00%	0.487%
3	5.197	422	427	438	rBV	374408	541959	48.59%	5.912%
4	6.813	696	702	713	rBV	397907	604805	54.22%	6.597%
5	7.148	752	759	767	rBV	422227	627531	56.26%	6.845%
6	7.600	830	836	843	rVB	95882	145862	13.08%	1.591%
7	7.924	885	891	900	rVB	290490	455158	40.81%	4.965%
8	8.770	1028	1035	1041	rBV	237090	390520	35.01%	4.260%
9	10.397	1305	1312	1319	rBV	120646	198064	17.76%	2.161%
10	12.888	1728	1736	1744	rBV	541516	802151	71.91%	8.750%
11	13.734	1873	1880	1888	rBV	51781	79611	7.14%	0.868%
12	14.269	1966	1971	1979	rBV2	173619	259762	23.29%	2.834%
13	15.773	2220	2227	2236	rBV	518660	743746	66.68%	8.113%
14	15.991	2260	2264	2267	rBV3	9979	14448	1.30%	0.158%
15	17.025	2434	2440	2445	rBV2	220818	309300	27.73%	3.374%
16	17.418	2500	2507	2512	rBV5	9035	16325	1.46%	0.178%
17	17.930	2589	2594	2602	rBV2	77104	111693	10.01%	1.218%
18	19.093	2782	2792	2795	rBV	22701	42429	3.80%	0.463%
19	19.216	2809	2813	2820	rBV3	32898	50133	4.49%	0.547%
20	19.363	2833	2838	2844	rVB2	73670	87535	7.85%	0.955%
21	19.451	2847	2853	2855	rVV4	15065	23617	2.12%	0.258%
22	19.475	2855	2857	2861	rVB4	13176	14896	1.34%	0.162%
23	19.663	2883	2889	2898	rBV	943292	1115423	100.00%	12.167%
24	19.945	2933	2937	2940	rBV4	9741	15013	1.35%	0.164%
25	19.974	2940	2942	2946	rVB5	10837	12320	1.10%	0.134%
26	20.409	3012	3016	3020	rVB2	66073	76212	6.83%	0.831%
27	20.468	3022	3026	3030	rVB7	16605	23764	2.13%	0.259%
28	20.773	3076	3078	3084	rVB5	11105	17295	1.55%	0.189%
29	20.932	3101	3105	3111	rBV	149413	200525	17.98%	2.187%
30	21.220	3148	3154	3158	rBV	290047	401766	36.02%	4.383%
31	21.373	3176	3180	3184	rVB3	32099	38279	3.43%	0.418%
32	21.543	3206	3209	3212	rVB5	16096	21740	1.95%	0.237%
33	21.813	3249	3255	3266	rBV3	99477	231485	20.75%	2.525%
34	21.989	3281	3285	3292	rVB10	26200	50329	4.51%	0.549%

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Instrument :
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ClientSampleId :
PIER2-9(0-2)

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.254	3328	3330	3334	rVB5	27783	26628	2.39%	0.290%
36	22.483	3365	3369	3373	rBV5	40444	53076	4.76%	0.579%
37	22.759	3411	3416	3421	rBV	144586	222977	19.99%	2.432%
38	22.812	3421	3425	3430	rVB7	39196	65668	5.89%	0.716%
39	23.447	3527	3533	3540	rBV	192204	357036	32.01%	3.895%
40	23.640	3562	3566	3573	rVB4	59809	106212	9.52%	1.159%
41	23.975	3616	3623	3630	rVB3	104902	220012	19.72%	2.400%
42	24.058	3633	3637	3643	rVB7	38102	76214	6.83%	0.831%
43	25.174	3821	3827	3835	rVB8	42080	100034	8.97%	1.091%
44	26.496	4046	4052	4059	rVB8	44872	112999	10.13%	1.233%

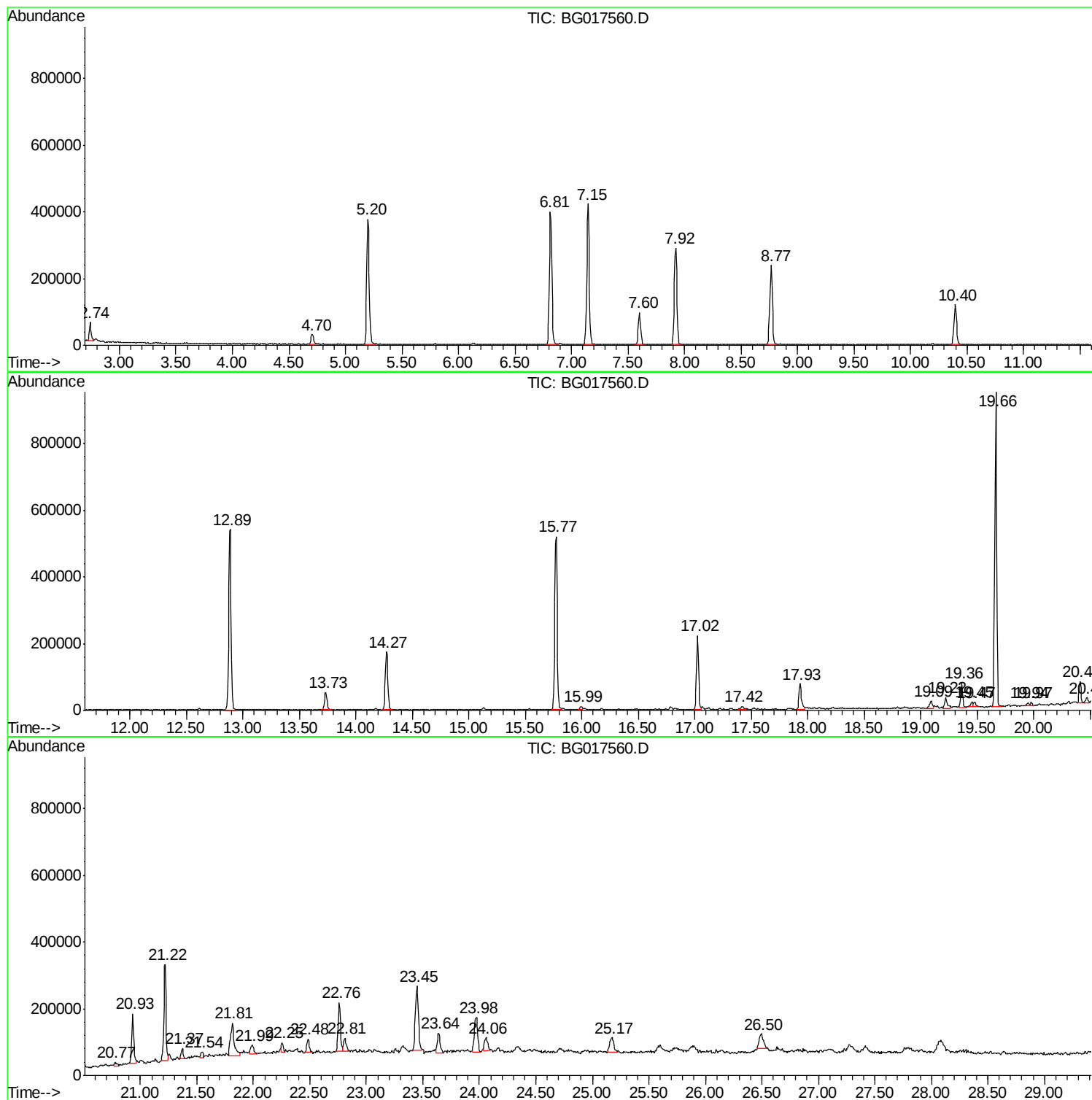
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIER2-9(0-2)

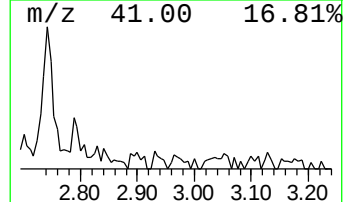
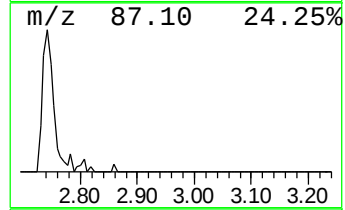
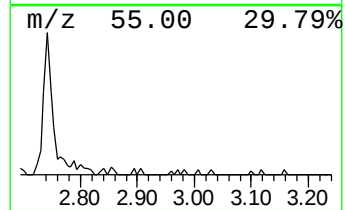
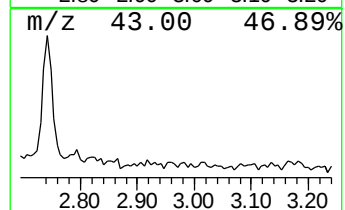
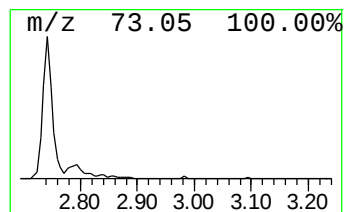
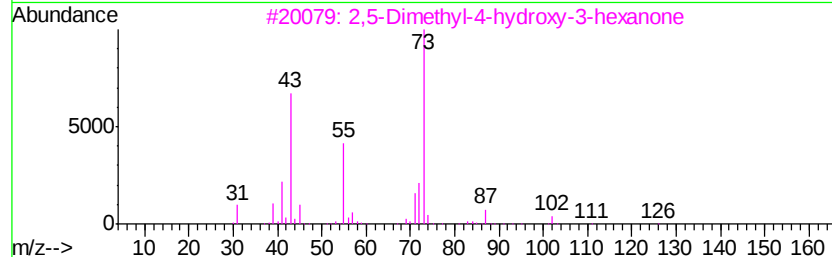
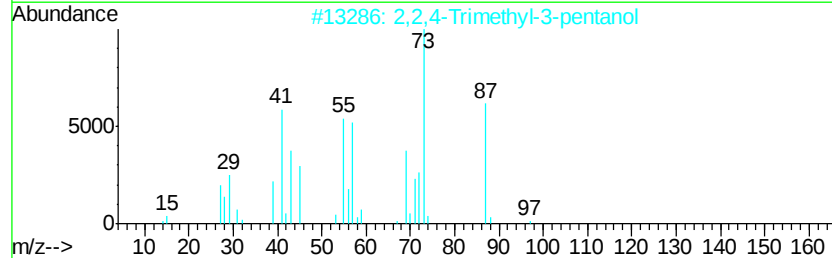
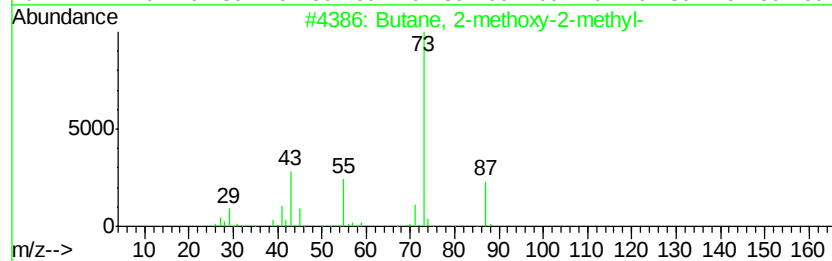
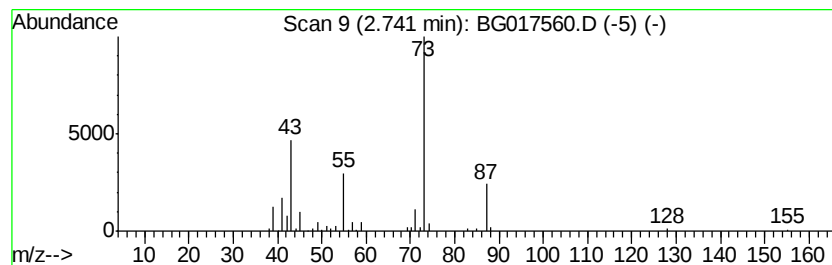
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	7.98 ng	58228	1,4-Dichlorobenzene-d4	7.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	37
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5			Butanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	032793-34-3	16



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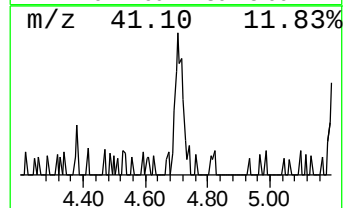
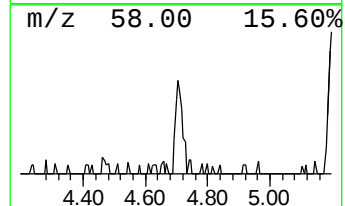
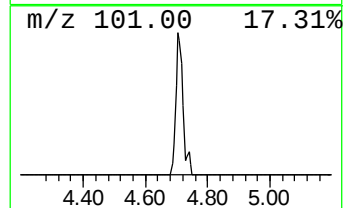
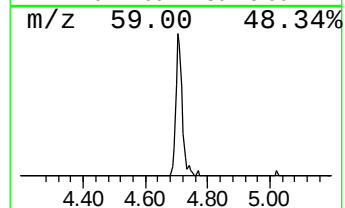
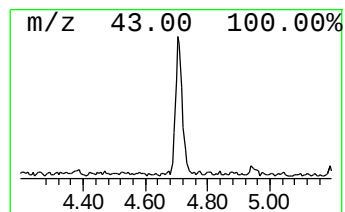
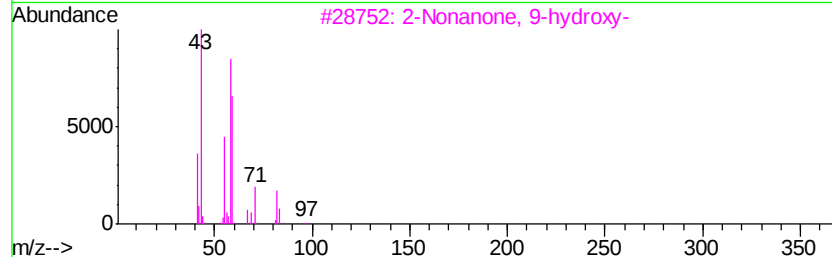
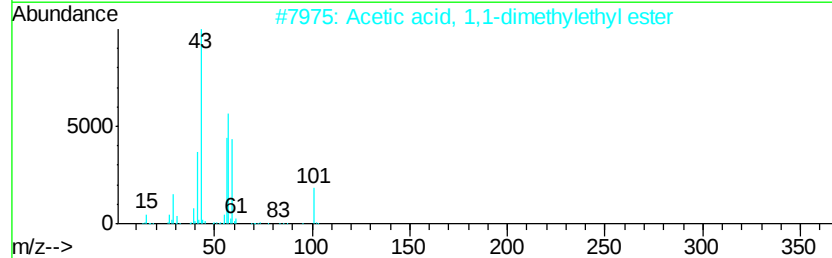
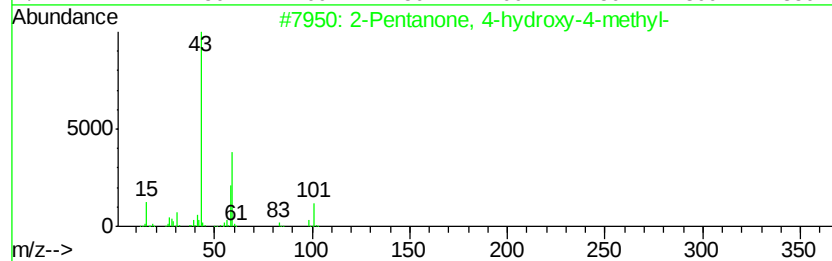
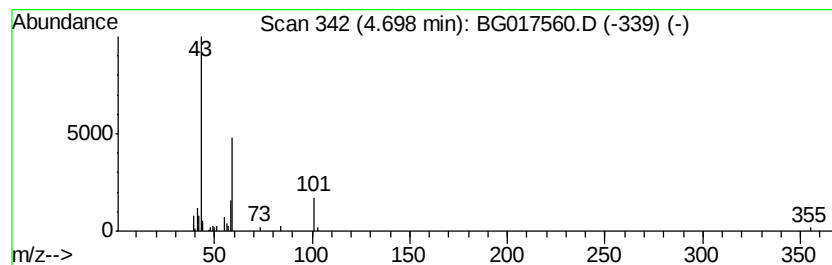
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.12 ng	44611	1,4-Dichlorobenzene-d4	7.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10



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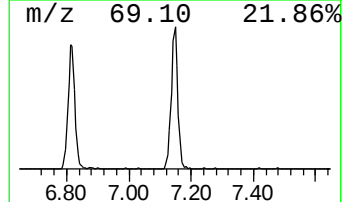
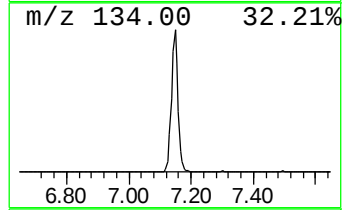
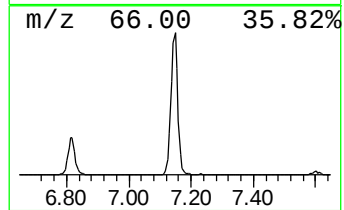
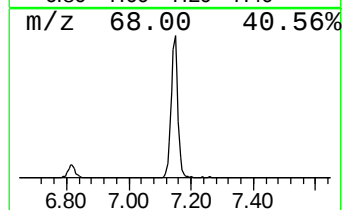
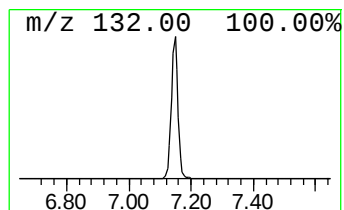
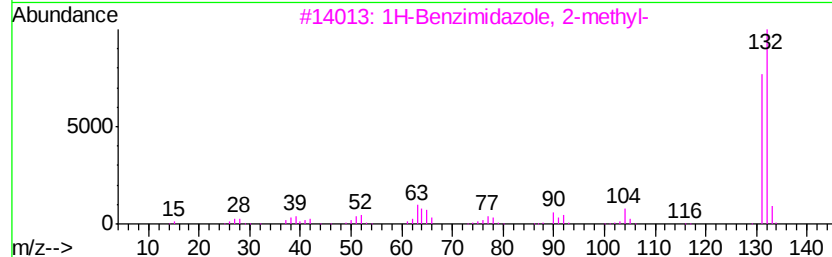
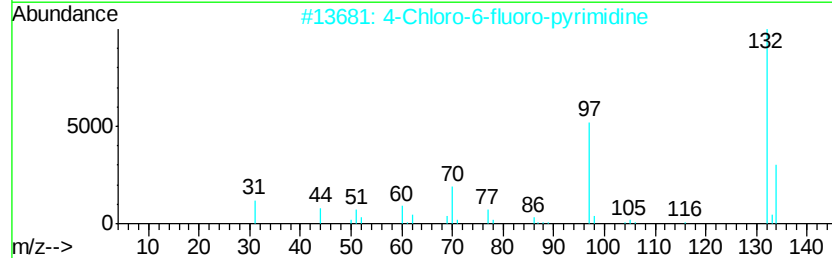
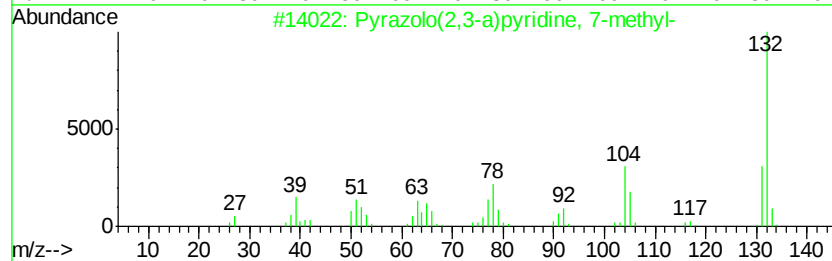
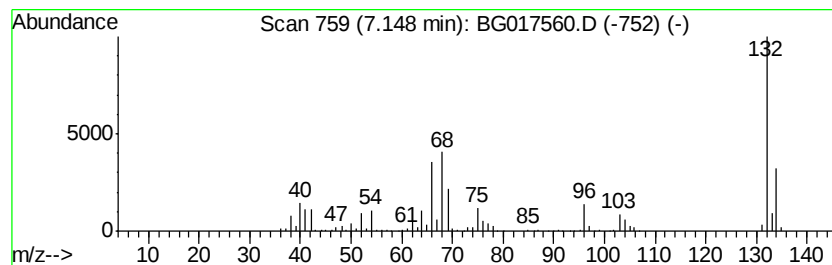
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	86.04 ng	627531	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	22



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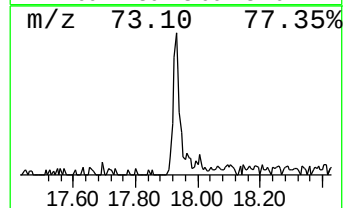
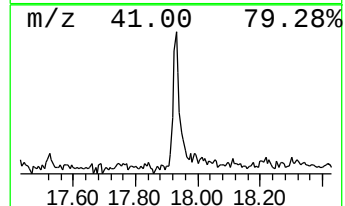
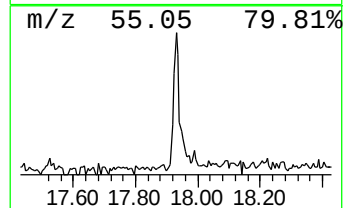
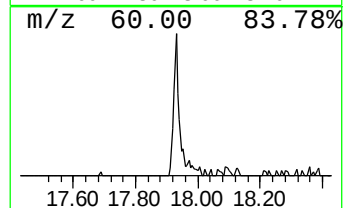
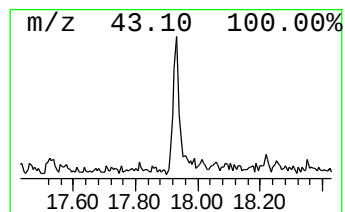
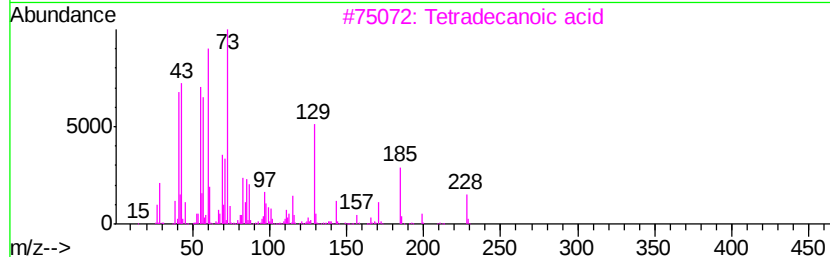
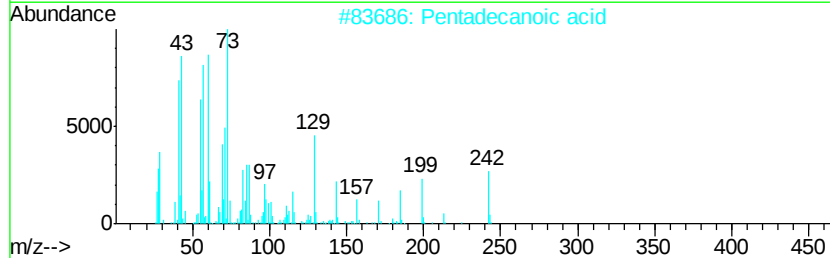
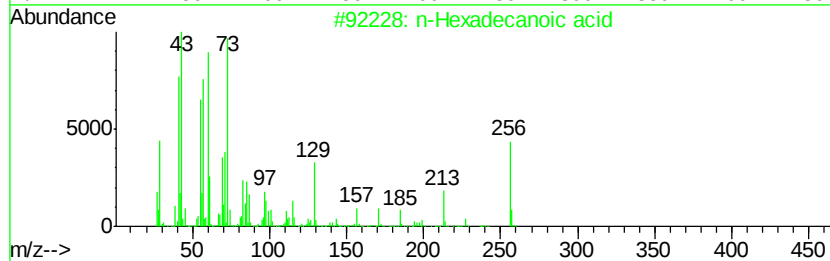
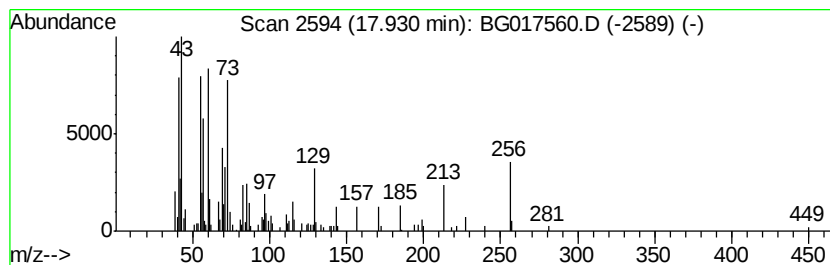
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.22 ng	111693	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		n-Decanoic acid	172	C10H20O2	000334-48-5	55
5		Tridecanoic acid	214	C13H26O2	000638-53-9	47



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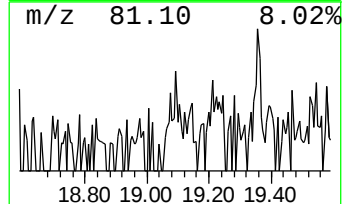
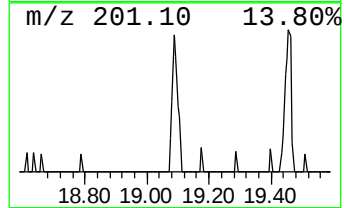
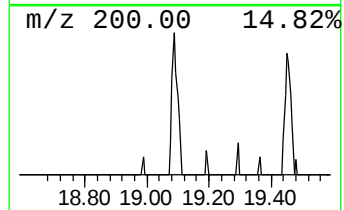
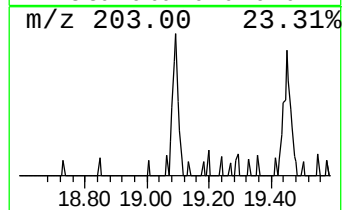
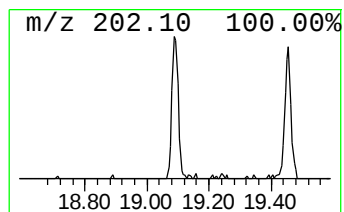
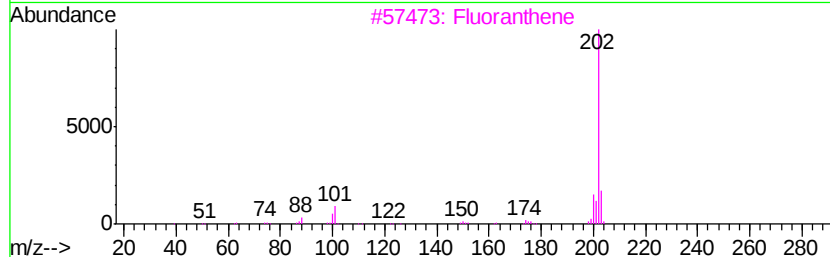
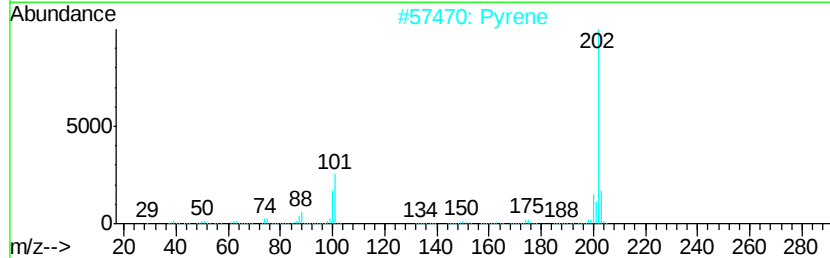
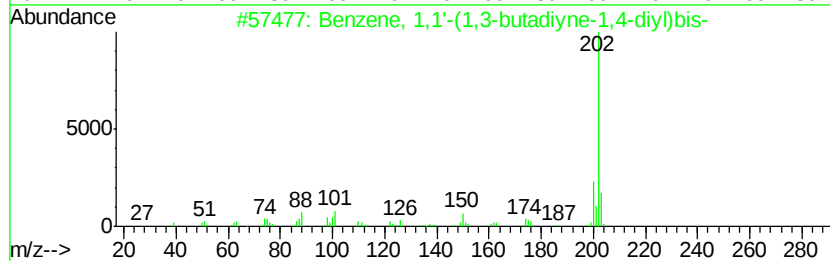
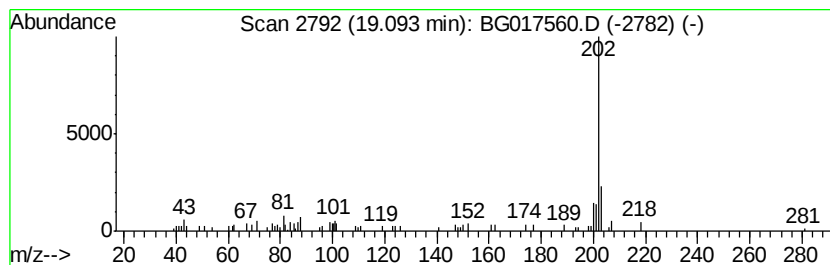
Instrument :
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ClientSampleId :
PIER2-9(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.09	2.74 ng	42429	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
2	Pyrene	202	C16H10	000129-00-0	74
3	Fluoranthene	202	C16H10	000206-44-0	72
4	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	56
5	Benzo[g]pteridin-4(3H)-one, 6,7,...	202	C10H10N4O	032587-00-1	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIER2-9(0-2)

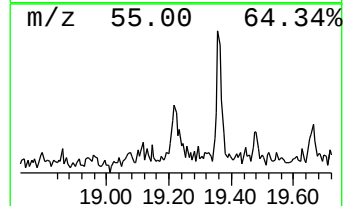
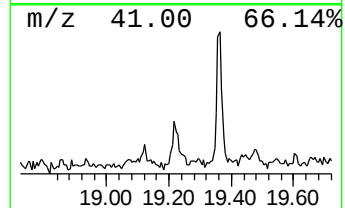
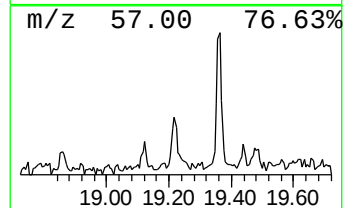
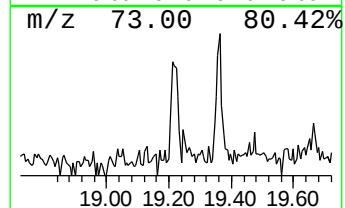
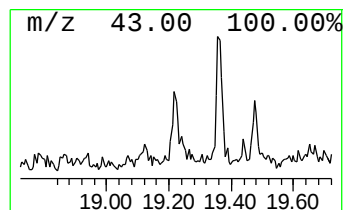
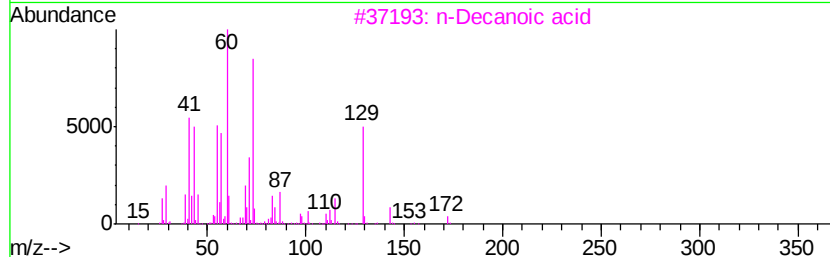
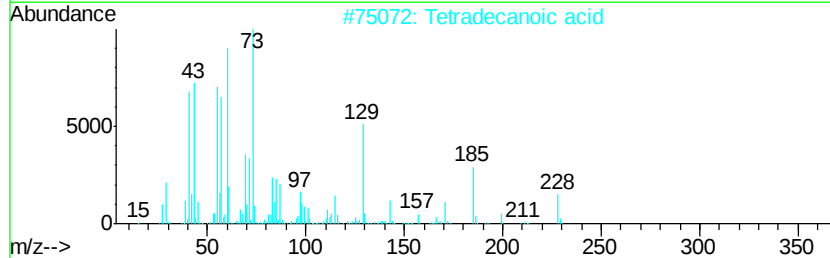
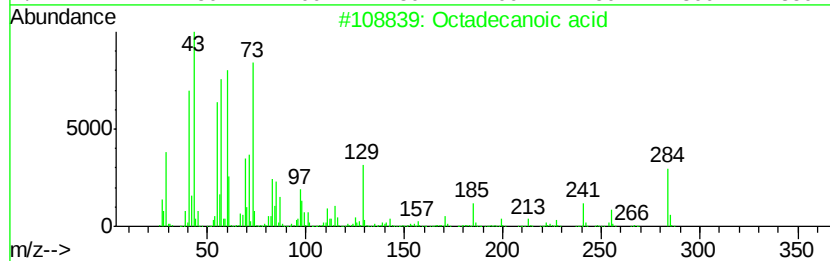
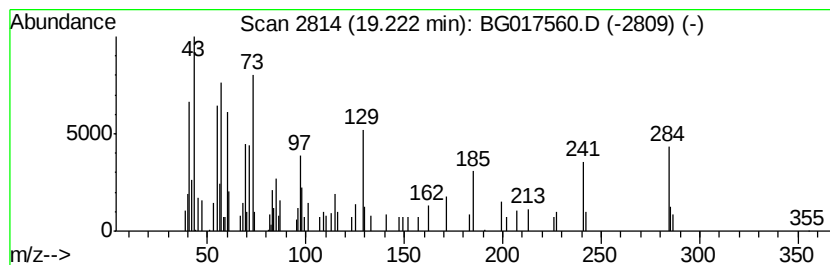
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.50 ng	50133	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	45
3		n-Decanoic acid	172	C10H20O2	000334-48-5	42
4		Tridecanoic acid	214	C13H26O2	000638-53-9	41
5		Undecanoic acid	186	C11H22O2	000112-37-8	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
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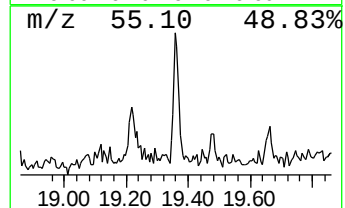
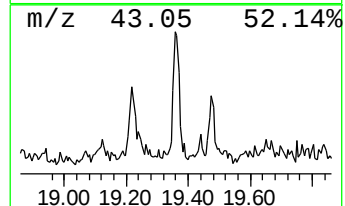
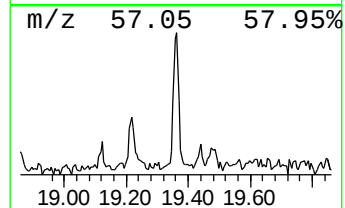
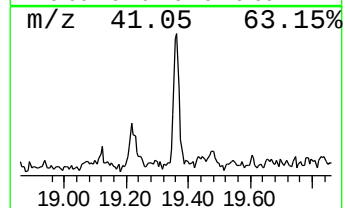
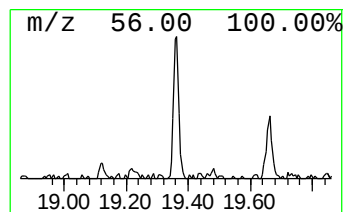
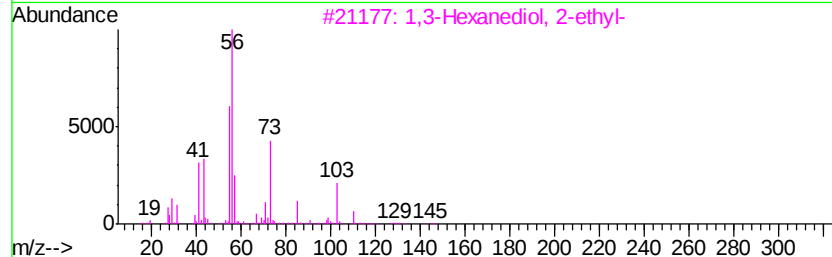
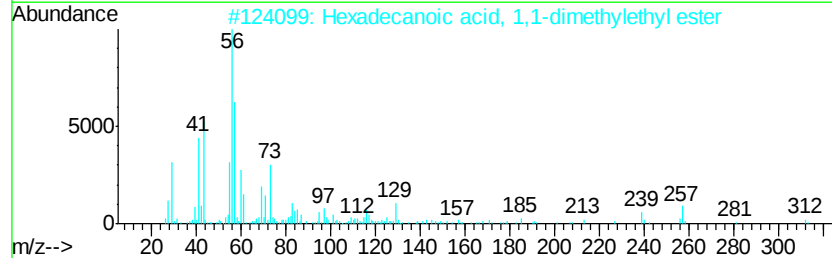
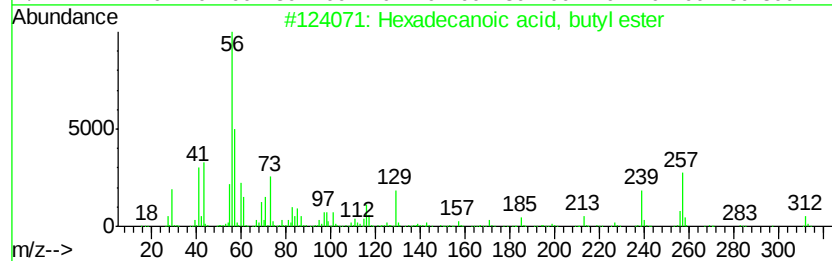
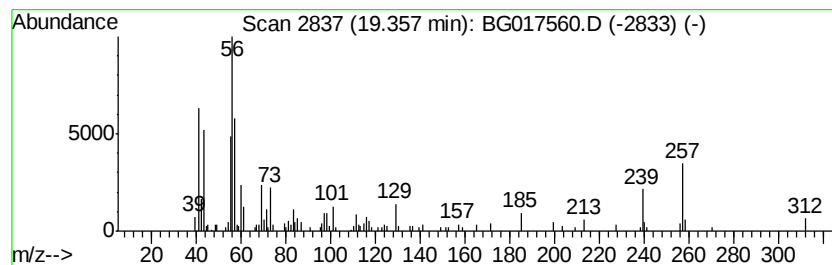
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.36	4.36 ng	87535	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94	
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70	
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	35	
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25	
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	25	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIER2-9(0-2)

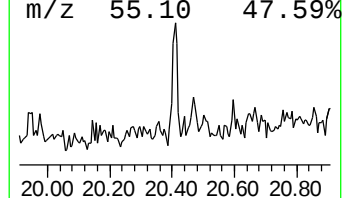
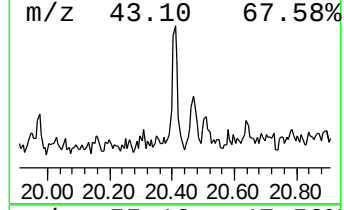
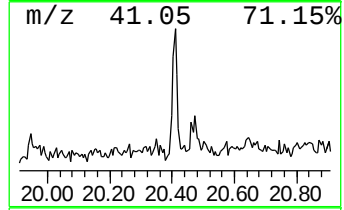
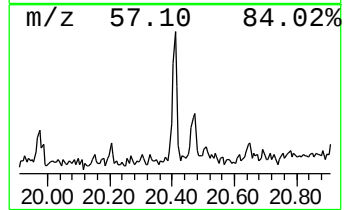
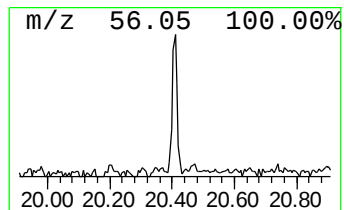
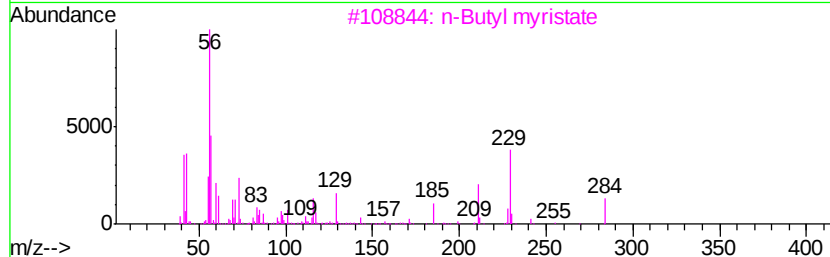
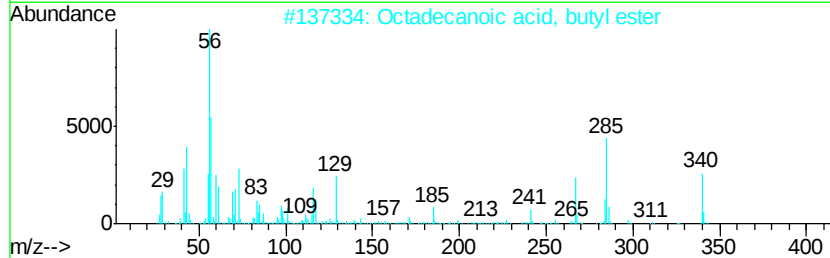
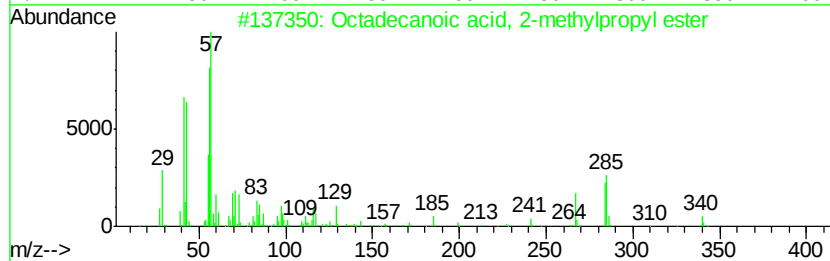
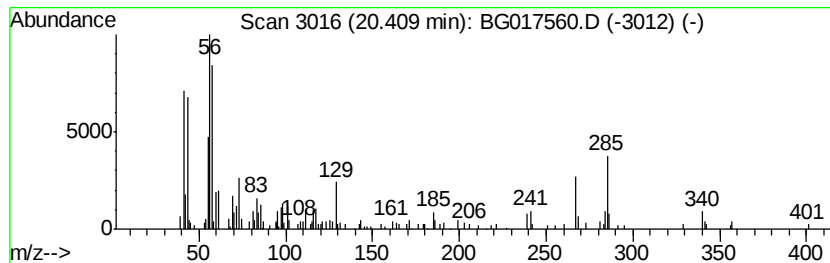
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, 2-methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	3.79 ng	76212	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	95
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
3		n-Butyl myristate	284	C18H36O2	000110-36-1	47
4		Nipecotic acid	129	C6H11NO2	000498-95-3	43
5		Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
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Acq On : 9 Jun 2015 5:28
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Misc :
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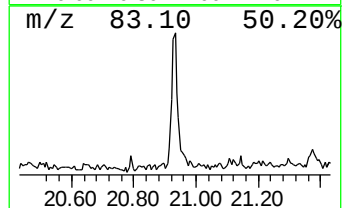
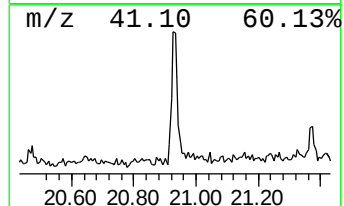
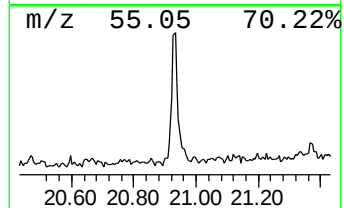
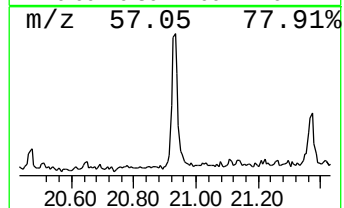
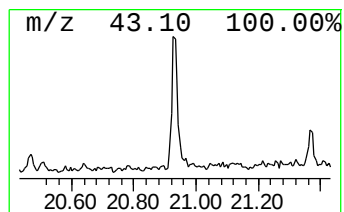
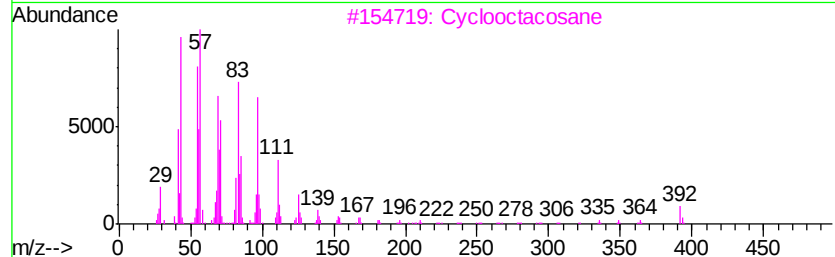
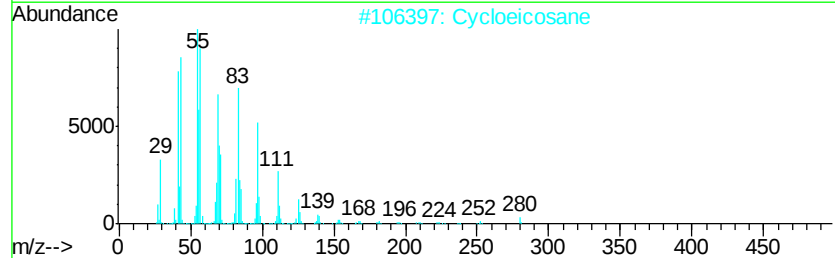
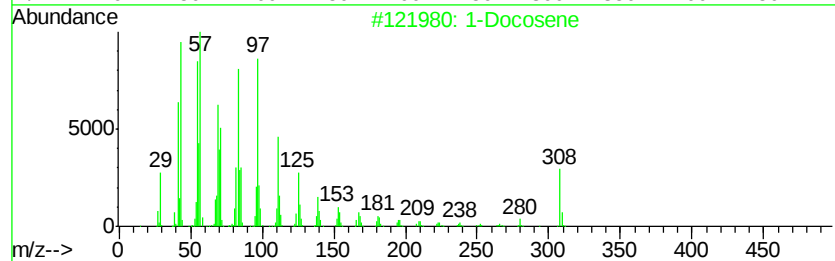
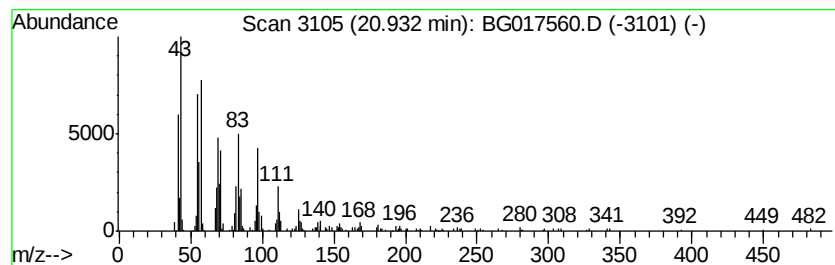
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	9.98 ng	200525	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 99
2	Cycloeicosane		280 C20H40	000296-56-0 98
3	Cyclooctacosane		392 C28H56	000297-24-5 98
4	1-Eicosene		280 C20H40	003452-07-1 96
5	5-Eicosene, (E)-		280 C20H40	074685-30-6 95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
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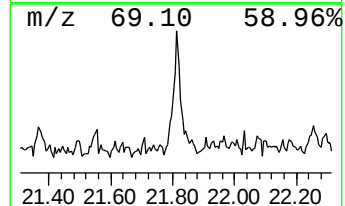
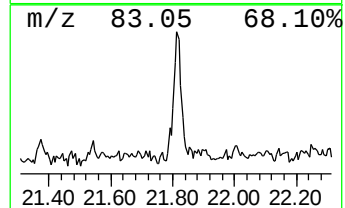
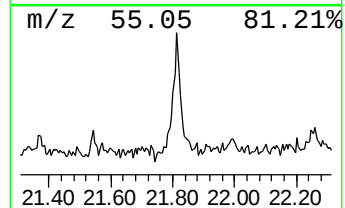
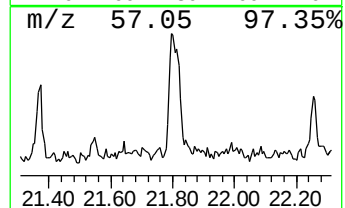
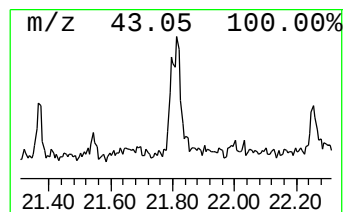
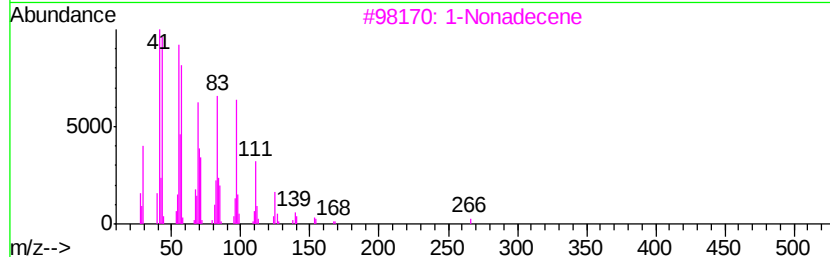
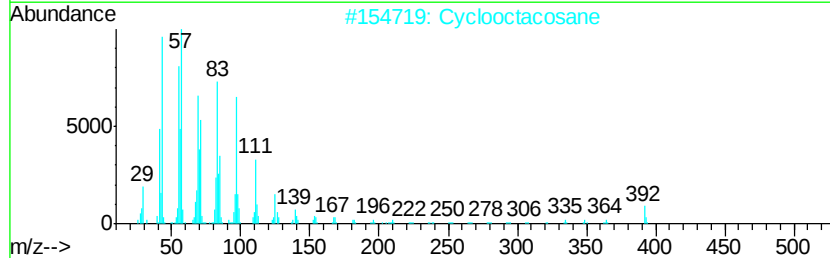
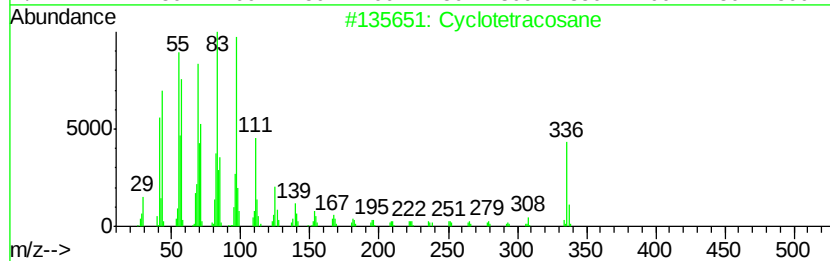
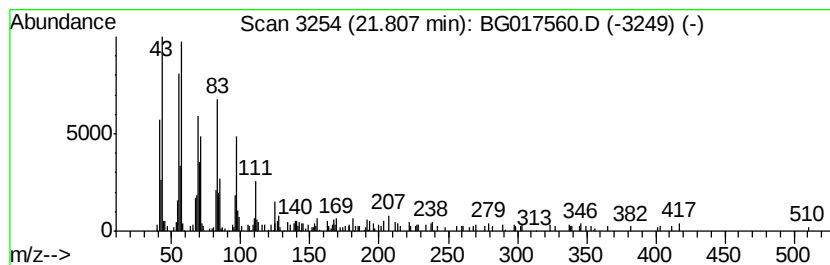
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	11.52 ng	231485	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	97
2		Cyclooctacosane	392	C28H56	000297-24-5	97
3		1-Nonadecene	266	C19H38	018435-45-5	95
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
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ClientSampleId :
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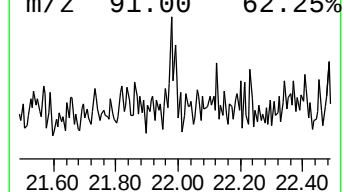
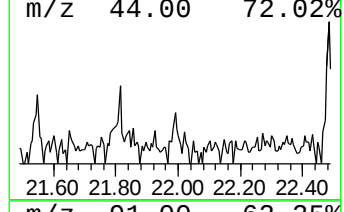
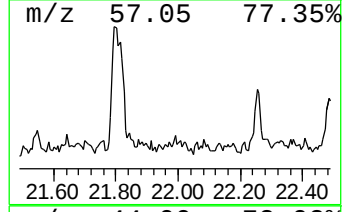
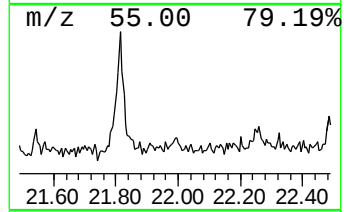
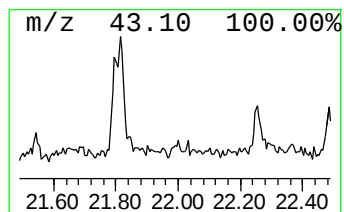
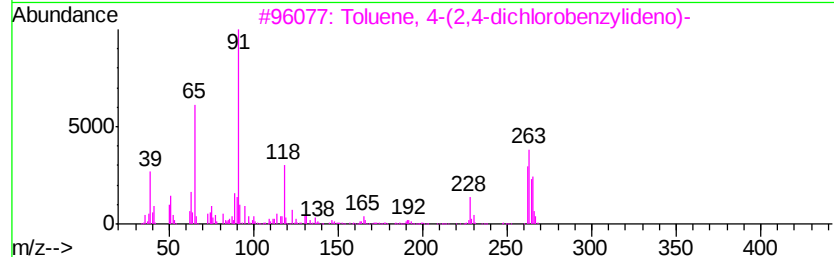
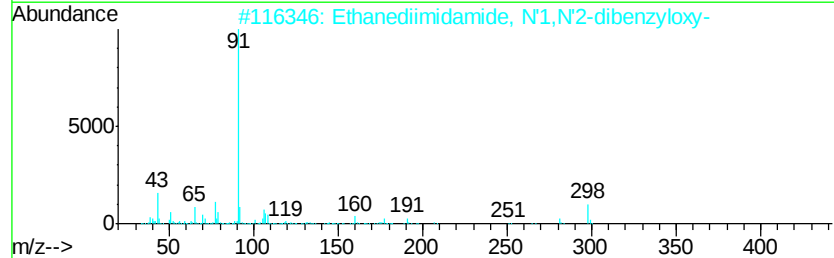
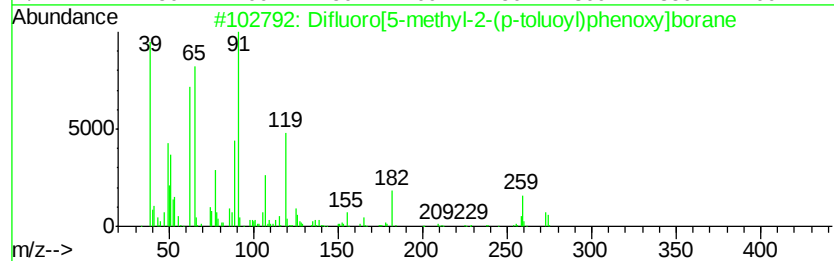
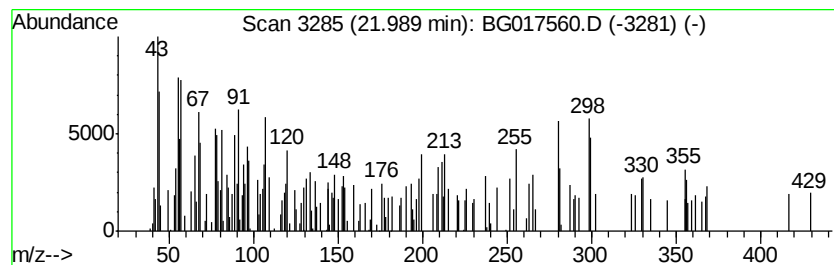
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown21.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.51 ng	50329	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Difluoro[5-methyl-2-(p-toluoyl)p...	274	C15H13BF2O2	1000223-62-0	32
2		Ethanediiimide, N'1,N'2-diben...	298	C16H18N4O2	1000271-02-1	27
3		Toluene, 4-(2,4-dichlorobenzylid...	263	C14H11Cl2N	014717-13-6	25
4		Propylthiophosphonic acid, o-iso...	196	C7H17O2PS	1000273-44-4	22
5		Guanidine, 1,2,3-tri(4-methylphe...	329	C22H23N3	047459-89-2	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
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ALS Vial : 20 Sample Multiplier: 1

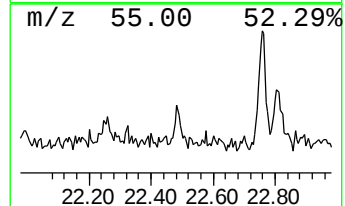
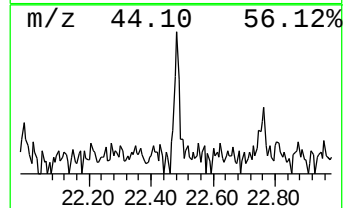
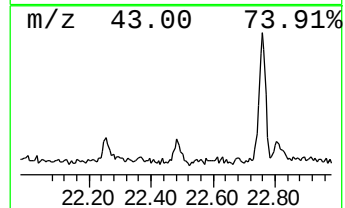
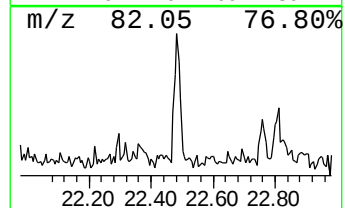
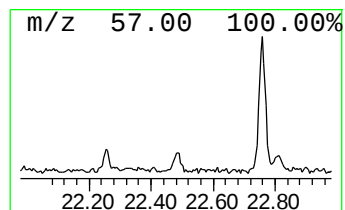
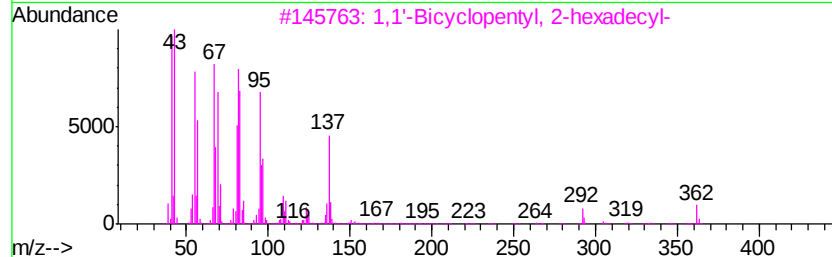
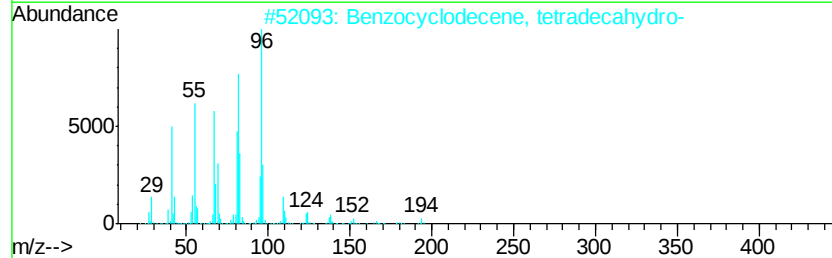
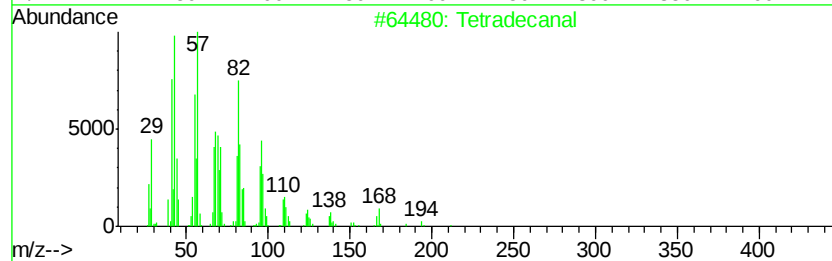
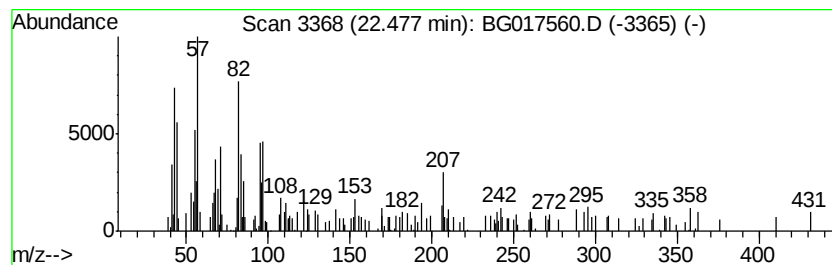
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ClientSampleId :
PIER2-9(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.97 ng	53076	Perylene-d12	23.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanal	212 C14H28O	000124-25-4 74
2		Benzocyclodecene, tetradecahydro-	194 C14H26	061142-06-1 46
3		1,1'-Bicyclopentyl, 2-hexadecyl-	362 C26H50	055334-11-7 41
4		1-Cyclohexylnonene	208 C15H28	114614-84-5 38
5		Butyramide, 2-cyano-2-ethyl-	140 C7H12N2O	018705-38-9 38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

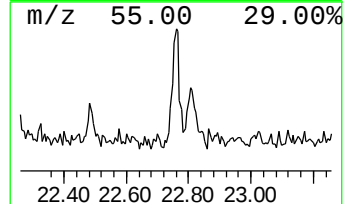
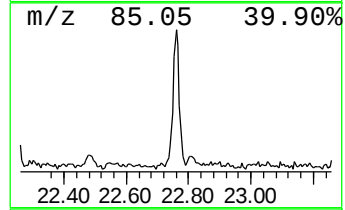
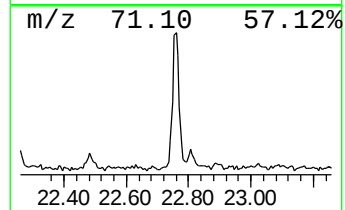
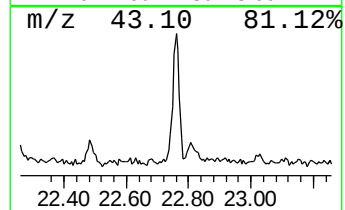
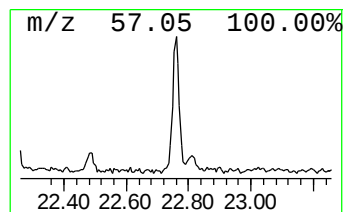
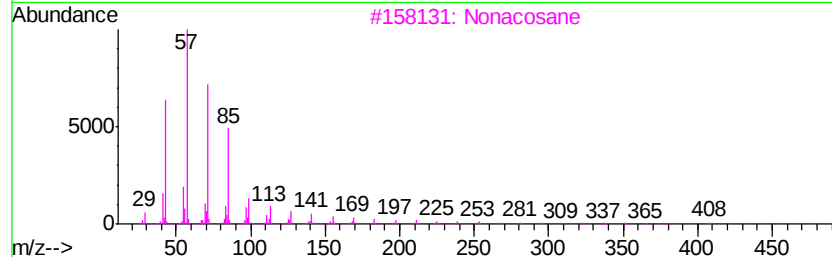
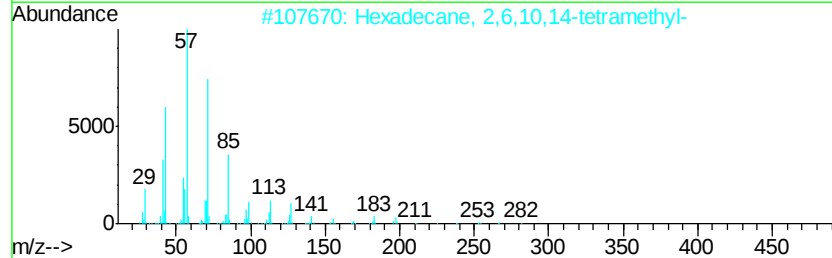
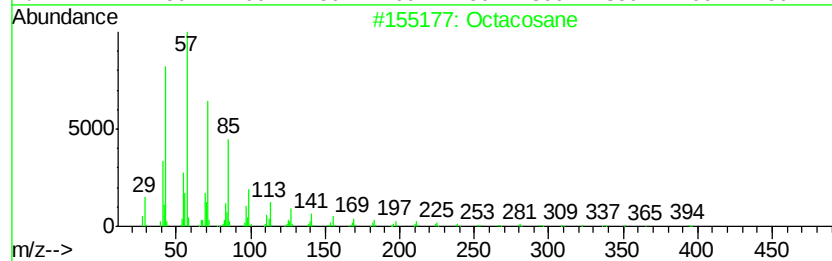
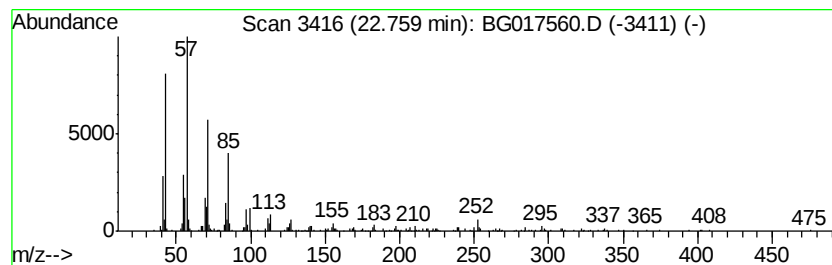
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	12.49 ng	222977	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	96
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
3		Nonacosane	408	C29H60	000630-03-5	94
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

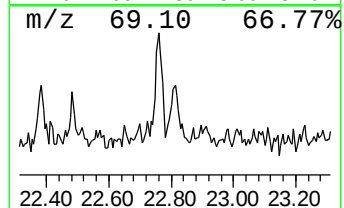
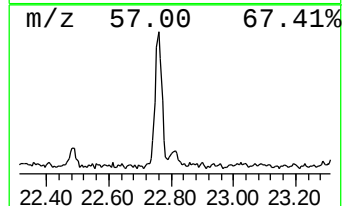
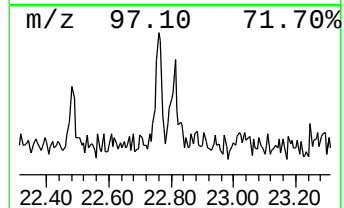
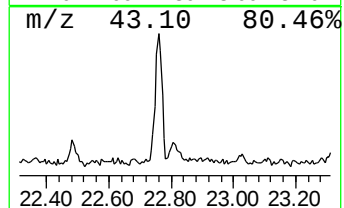
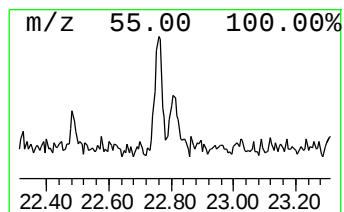
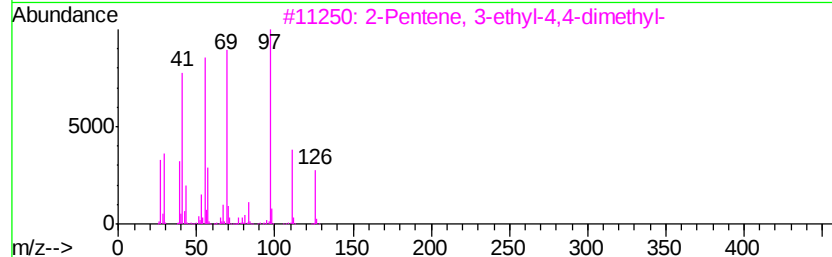
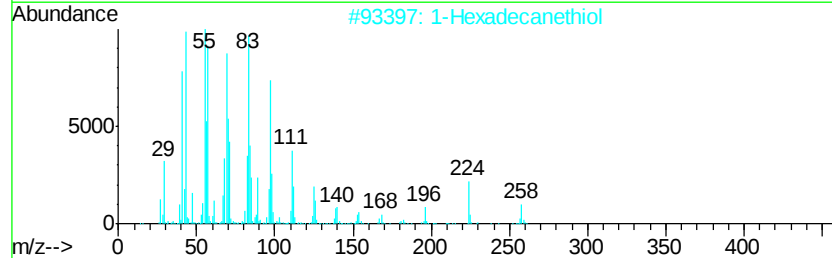
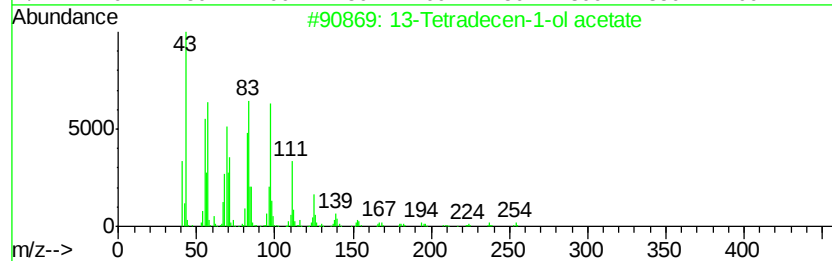
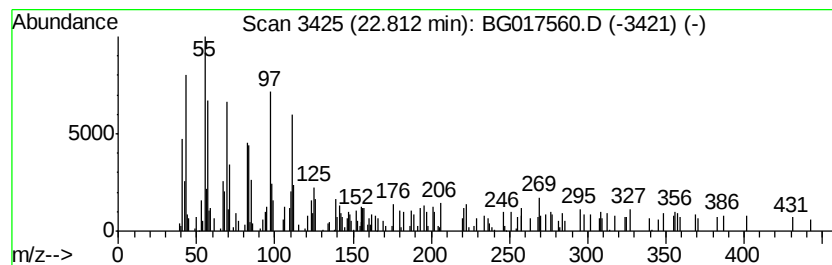
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown22.81 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	3.68 ng	65668	Perylene-d12	23.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	38
2			1-Hexadecanethiol	258	C16H34S	002917-26-2	30
3			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
4			2-Thiopheneacetic acid, 2-tridec...	324	C19H32O2S	1000280-66-6	25
5			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

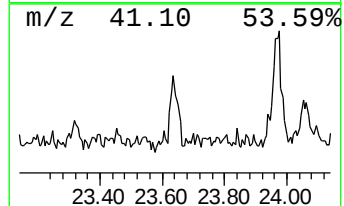
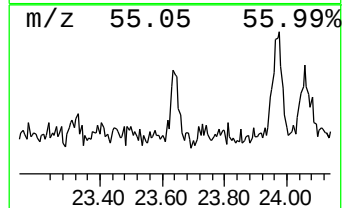
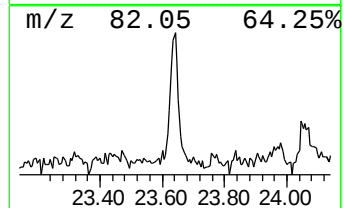
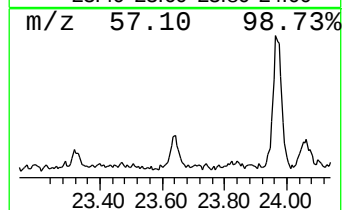
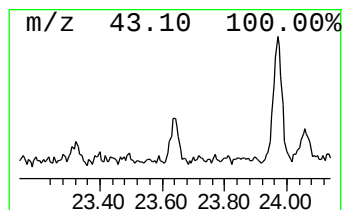
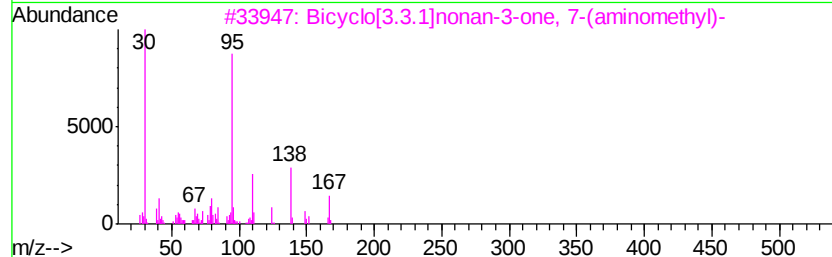
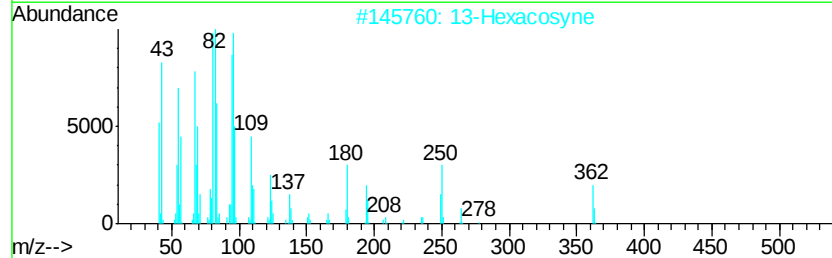
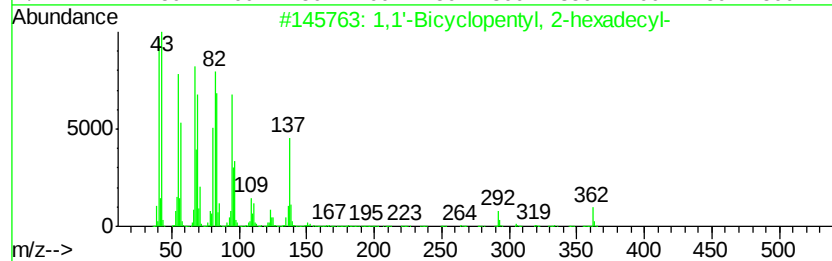
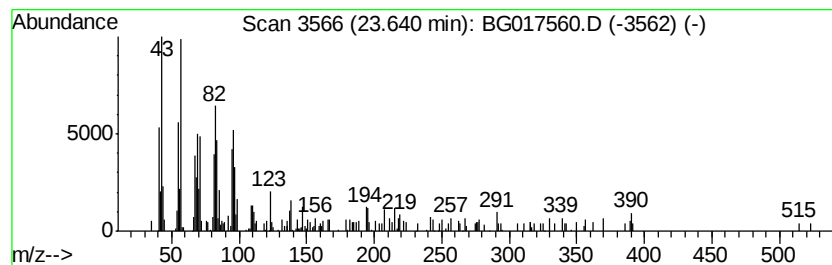
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown23.64 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	5.95 ng	106212	Perylene-d12	23.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Bicyclopentyl, 2-hexadecyl-	362	C26H50	055334-11-7	42	
2	13-Hexacosyne		362	C26H50	034291-68-4	37	
3	Bicyclo[3.3.1]nonan-3-one, 7-(am...		167	C10H17NO	056701-31-6	18	
4	2,5-Furandione, dihydro-3-(2-oct...		350	C22H38O3	067066-88-0	16	
5	9-Octadecene, 1,1-dimethoxy-, (Z)-		312	C20H40O2	015677-71-1	16	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
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Instrument :
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ClientSampleId :
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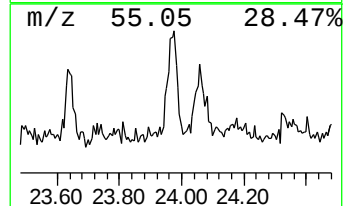
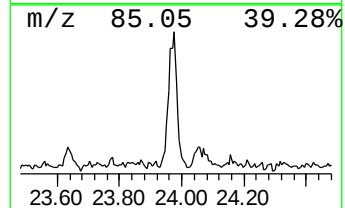
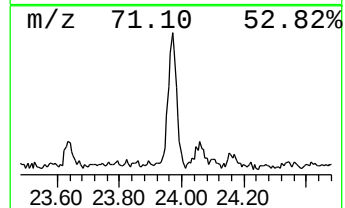
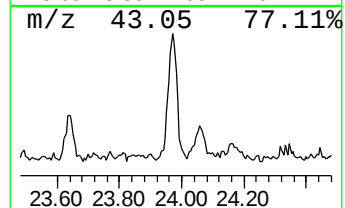
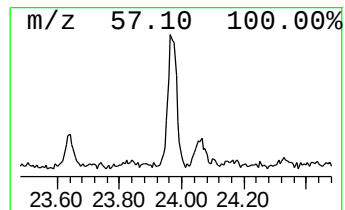
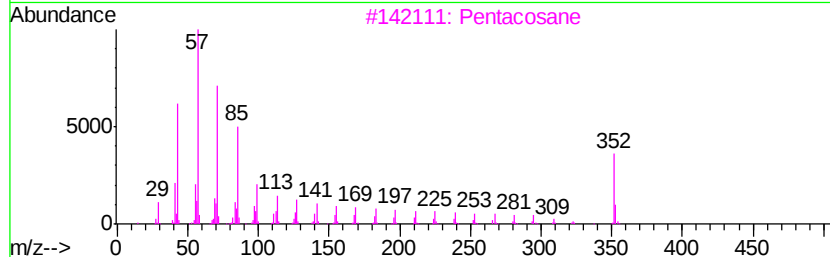
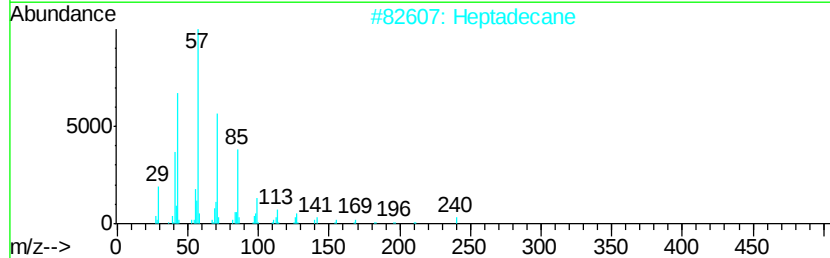
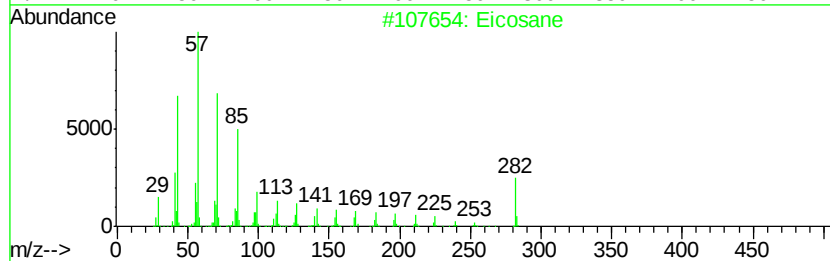
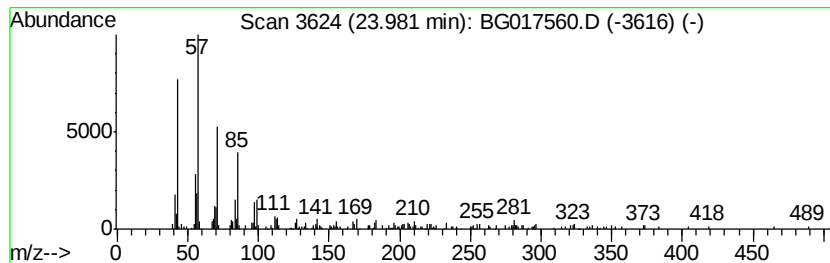
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	12.32 ng	220012	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Pentacosane	352	C25H52	000629-99-2	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

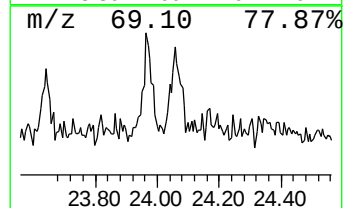
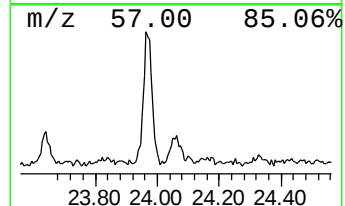
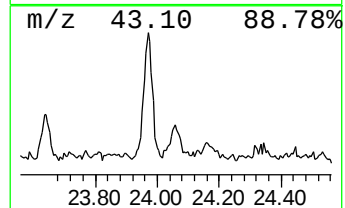
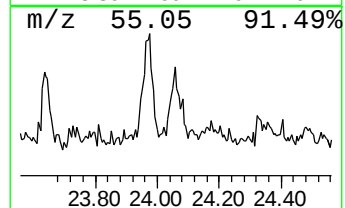
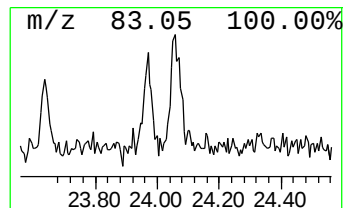
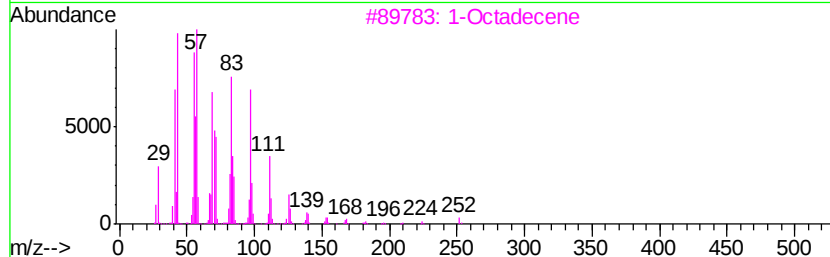
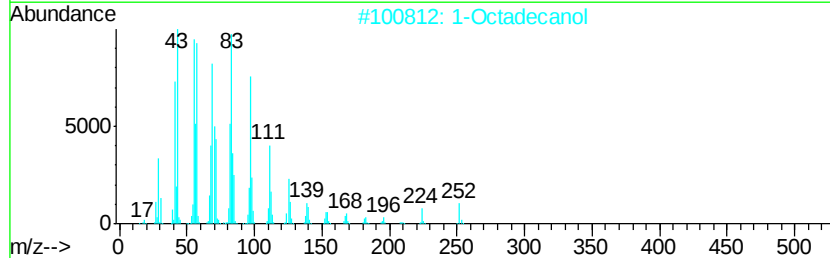
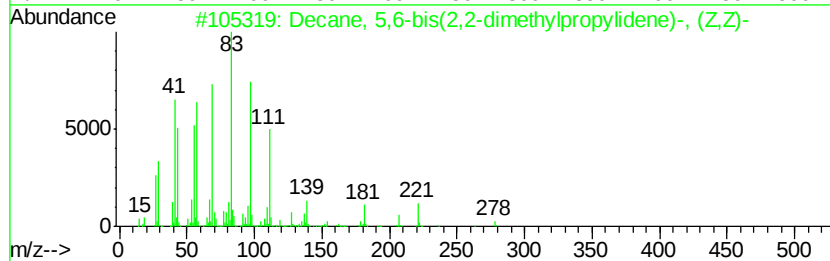
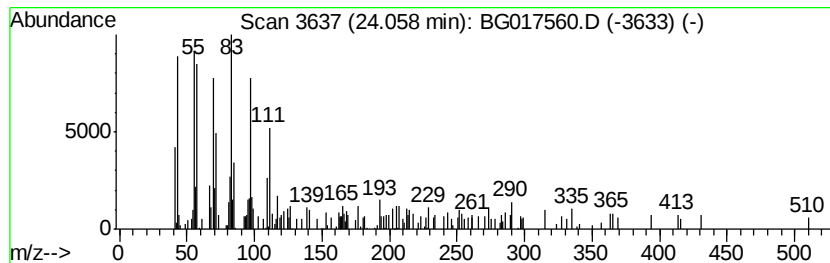
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 5,6-bis(2,2-dimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.27 ng	76214	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	87
2		1-Octadecanol	270	C18H38O	000112-92-5	80
3		1-Octadecene	252	C18H36	000112-88-9	78
4		cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	74
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampled :
PIER2-9(0-2)

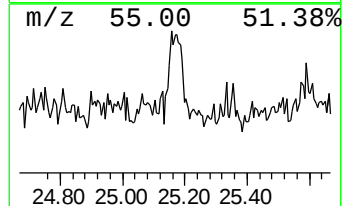
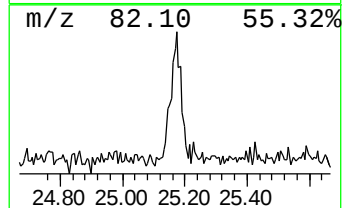
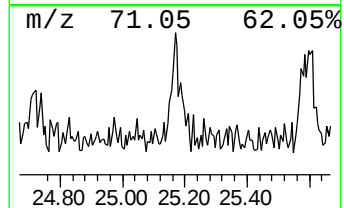
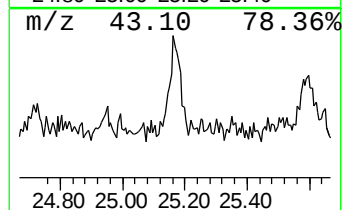
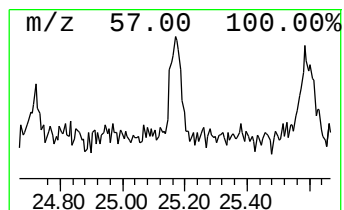
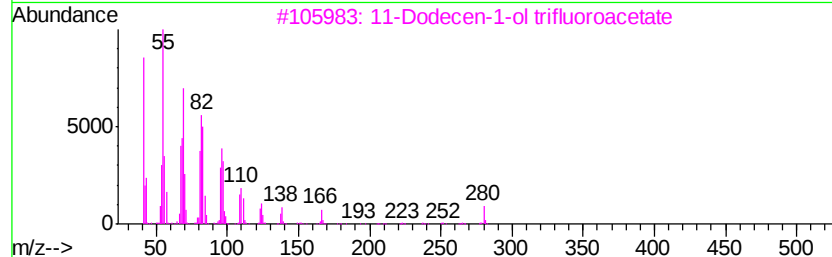
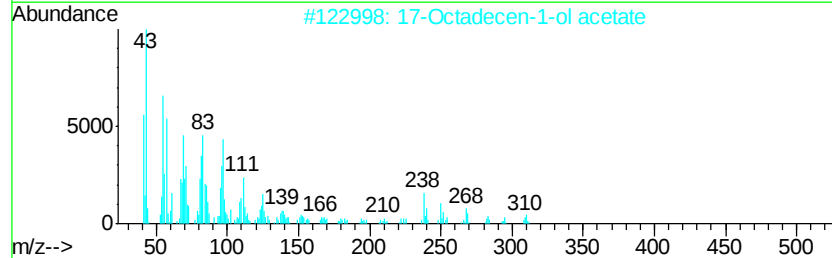
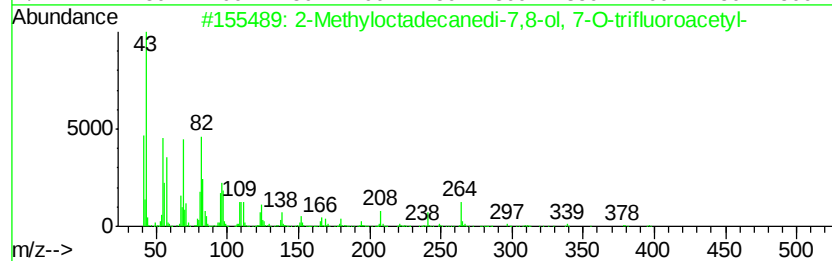
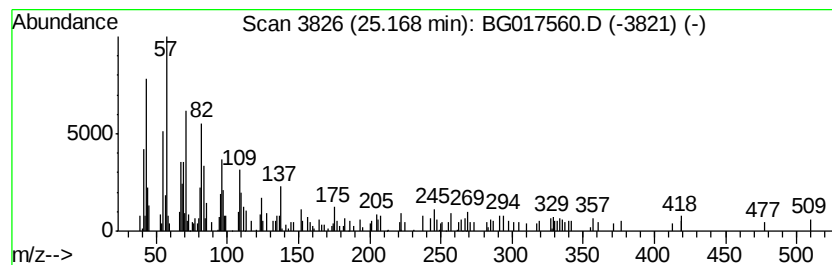
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Methyloctadecanedi-7,8-ol... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.17	5.60 ng	100034	Perylene-d12	23.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyloctadecanedi-7,8-ol, 7-O...	396	C21H39F3O3	1000131-09-7	58
2			17-Octadecen-1-ol acetate	310	C20H38O2	1000130-91-1	55
3			11-Dodecen-1-ol trifluoroacetate	280	C14H23F3O2	128792-46-1	55
4			Z-14-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-6	53
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017560.D
Acq On : 9 Jun 2015 5:28
Operator : TP/IZ
Sample : G2507-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

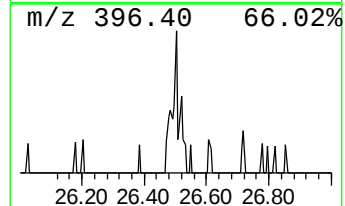
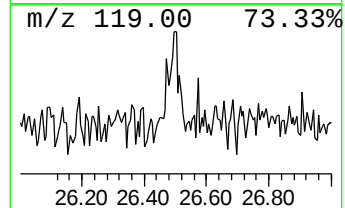
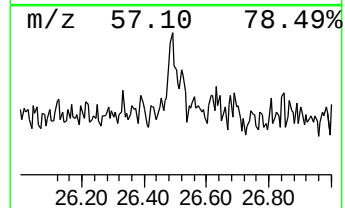
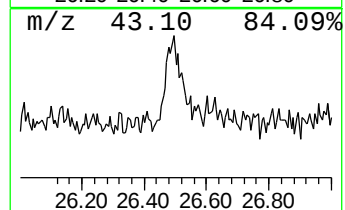
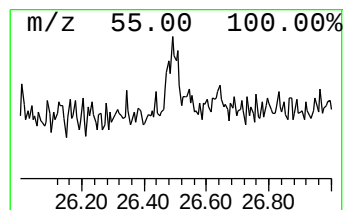
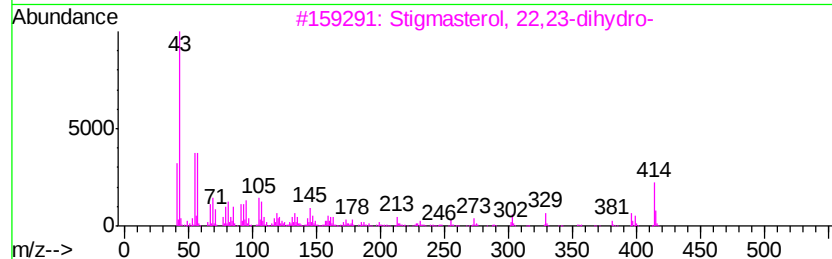
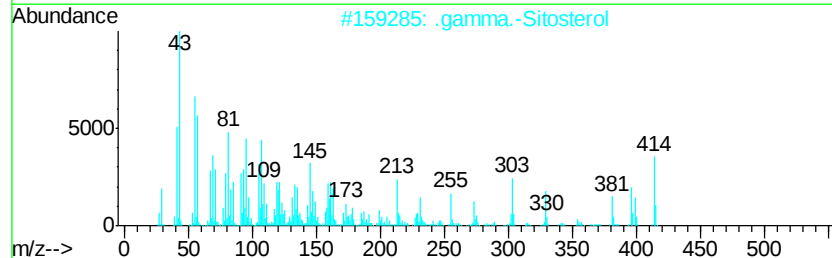
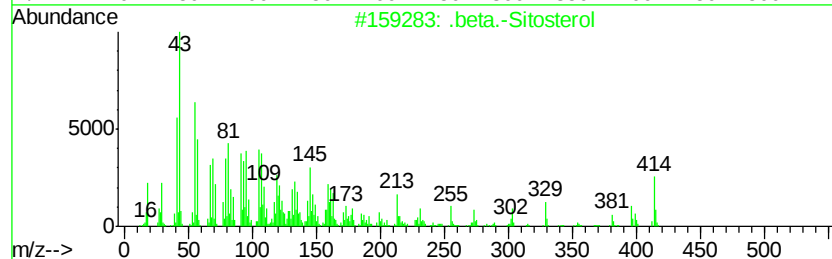
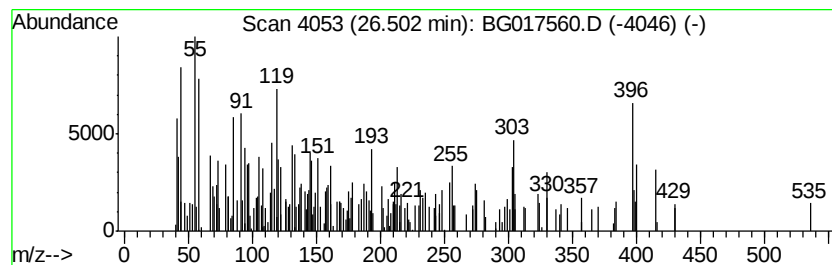
Instrument :
BNA_G
ClientSampleId :
PIER2-9(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.50	6.33 ng	112999	Perylene-d12	23.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	59
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	10
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	10
4	1-Butanamine, 4-(methylthio)-	119	C5H13NS	055021-77-7	9
5	Sarsasapogenin-23-en-23-ol diace...	514	C31H46O6	1000255-22-2	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017560.D
 Acq On : 9 Jun 2015 5:28
 Operator : TP/IZ
 Sample : G2507-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIER2-9(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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...	2.74	8.0	ng	58228	1	7.61	145862	20.0
2-Pentanone, 4-hy...	4.70	6.1	ng	44611	1	7.61	145862	20.0
unknown7.15	7.15	86.0	ng	627531	1	7.61	145862	20.0
n-Hexadecanoic acid	17.93	7.2	ng	111693	4	17.02	309300	20.0
Benzene, 1,1'-(1,...	19.09	2.7	ng	42429	4	17.02	309300	20.0
Octadecanoic acid	19.22	2.5	ng	50133	5	21.22	401766	20.0
Hexadecanoic acid...	19.36	4.4	ng	87535	5	21.22	401766	20.0
Octadecanoic acid...	20.41	3.8	ng	76212	5	21.22	401766	20.0
1-Docosene	20.93	10.0	ng	200525	5	21.22	401766	20.0
Cyclotetracosane	21.81	11.5	ng	231485	5	21.22	401766	20.0
unknown21.99	21.99	2.5	ng	50329	5	21.22	401766	20.0
Tetradecanal	22.48	3.0	ng	53076	6	23.45	357036	20.0
Octacosane	22.76	12.5	ng	222977	6	23.45	357036	20.0
unknown22.81	22.81	3.7	ng	65668	6	23.45	357036	20.0
unknown23.64	23.64	6.0	ng	106212	6	23.45	357036	20.0
Eicosane	23.98	12.3	ng	220012	6	23.45	357036	20.0
Decane, 5,6-bis(2...	24.06	4.3	ng	76214	6	23.45	357036	20.0
2-Methyloctadecan...	25.17	5.6	ng	100034	6	23.45	357036	20.0
.beta.-Sitosterol	26.50	6.3	ng	112999	6	23.45	357036	20.0