

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021064.D
 Acq On : 24 Feb 2016 23:11
 Operator : UM/SJ
 Sample : H1521-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3(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-BG022316.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	3.056	32	37	52	rVB	273121	379768	33.13%	10.875%
2	5.282	411	416	425	rBB	23410	35096	3.06%	1.005%
3	5.781	495	501	510	rBB	98467	155272	13.54%	4.446%
4	7.409	771	778	787	rBV	113708	192248	16.77%	5.505%
5	7.755	830	837	844	rBB	111879	189701	16.55%	5.432%
6	8.208	908	914	919	rBB	18817	30852	2.69%	0.883%
7	8.531	963	969	976	rBB	79875	136282	11.89%	3.903%
8	9.388	1108	1115	1122	rBB	74385	126832	11.06%	3.632%
9	11.027	1387	1394	1400	rBV	30717	53581	4.67%	1.534%
10	13.447	1800	1806	1812	rBB	156618	223903	19.53%	6.412%
11	14.270	1940	1946	1953	rVB	23980	35284	3.08%	1.010%
12	14.816	2033	2039	2046	rVB2	37861	60579	5.28%	1.735%
13	16.308	2287	2293	2299	rBV	117668	163219	14.24%	4.674%
14	16.467	2316	2320	2323	rBV	8689	12562	1.10%	0.360%
15	16.631	2341	2348	2352	rBV	10798	15565	1.36%	0.446%
16	16.684	2352	2357	2363	rVV2	8653	16829	1.47%	0.482%
17	16.749	2363	2368	2372	rVB	10246	13624	1.19%	0.390%
18	16.949	2396	2402	2409	rVB4	7641	14606	1.27%	0.418%
19	17.013	2409	2413	2417	rBV	12150	16080	1.40%	0.460%
20	17.560	2499	2506	2510	rBV2	37753	58147	5.07%	1.665%
21	17.601	2510	2513	2519	rVB	15100	19399	1.69%	0.556%
22	18.411	2646	2651	2658	rBV2	8676	13666	1.19%	0.391%
23	19.246	2789	2793	2798	rBV4	8228	11817	1.03%	0.338%
24	19.592	2847	2852	2857	rBV	17985	23857	2.08%	0.683%
25	19.956	2910	2914	2921	rVB3	15011	30495	2.66%	0.873%
26	20.138	2940	2945	2950	rVB	145739	177128	15.45%	5.072%
27	20.832	3055	3063	3067	rBV	903822	1146345	100.00%	32.826%
28	21.407	3156	3161	3170	rVB6	10520	18221	1.59%	0.522%
29	21.830	3227	3233	3238	rBV	27744	47352	4.13%	1.356%
30	24.092	3611	3618	3626	rBV3	18888	42449	3.70%	1.216%
31	25.155	3792	3799	3806	rBV2	11257	31409	2.74%	0.899%

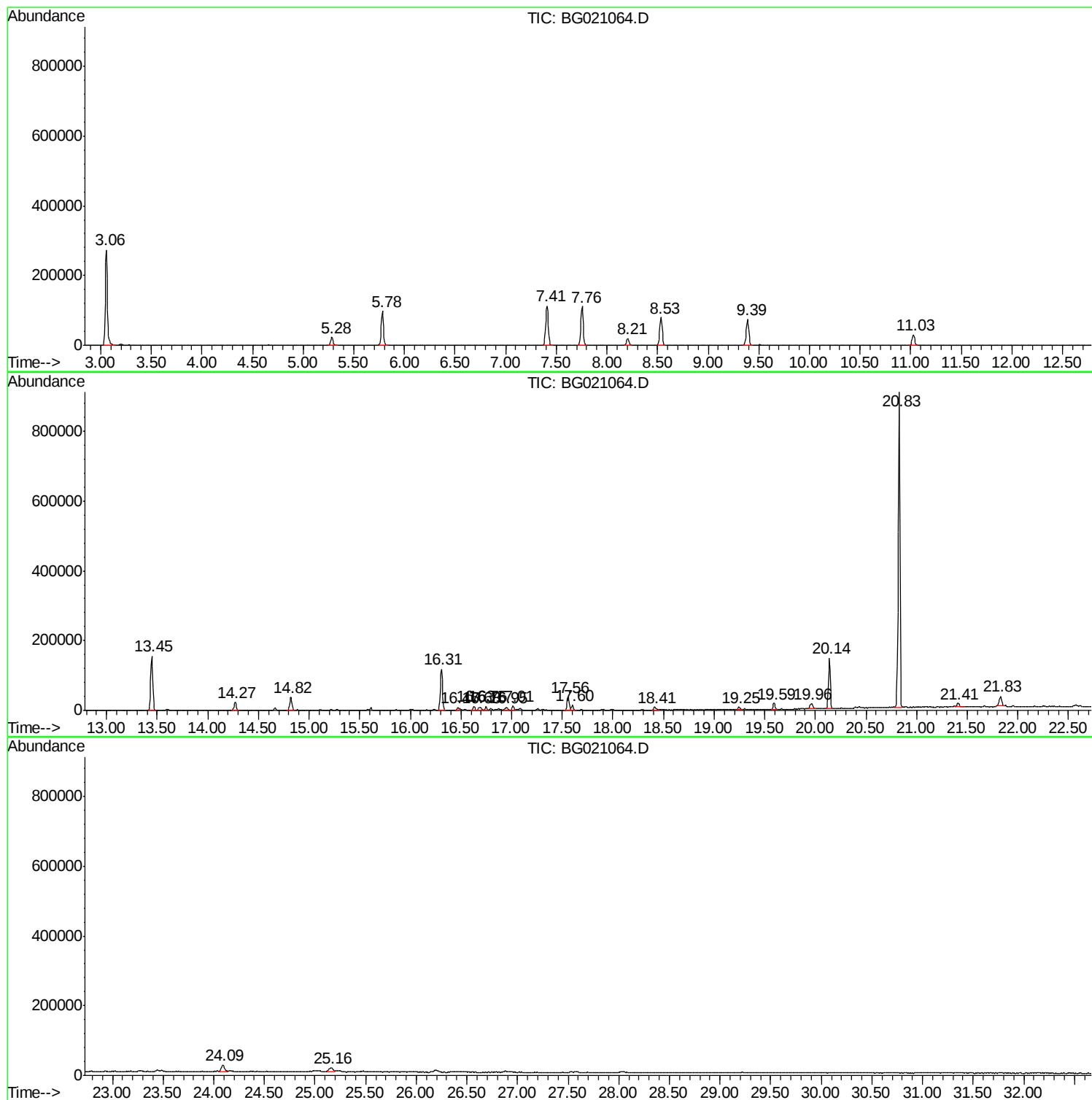
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.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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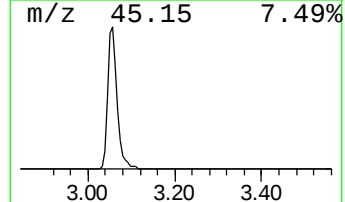
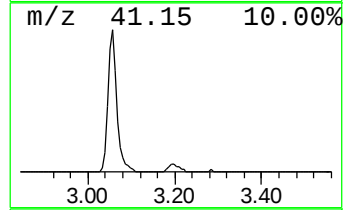
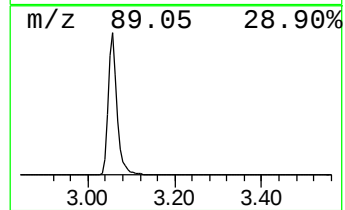
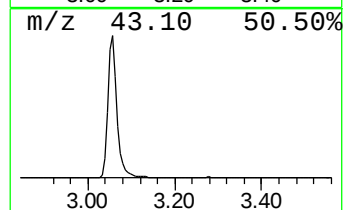
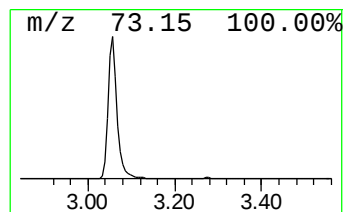
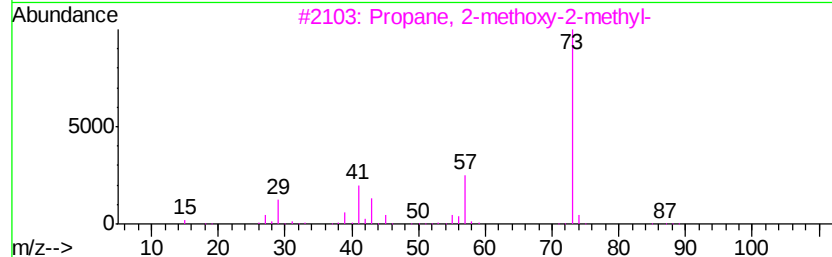
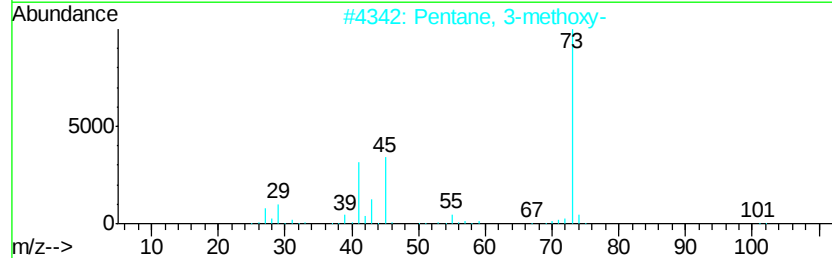
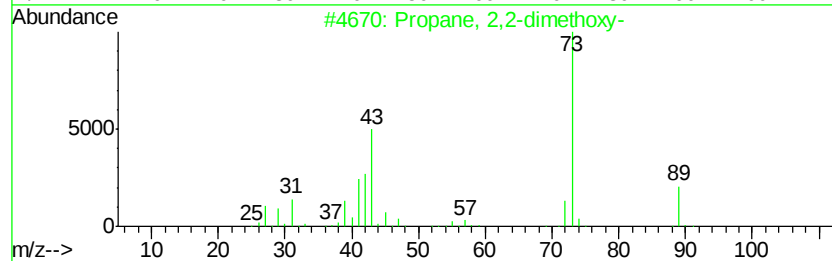
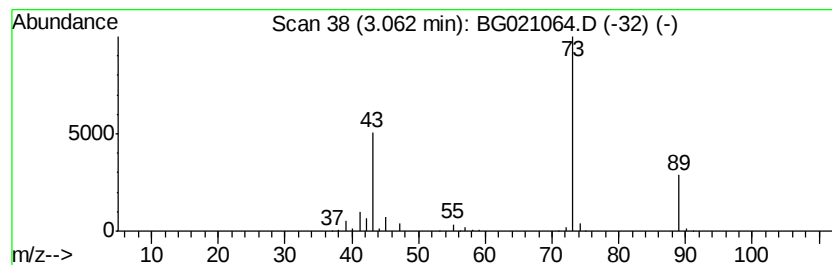
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	246.19 ng	379768	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5			1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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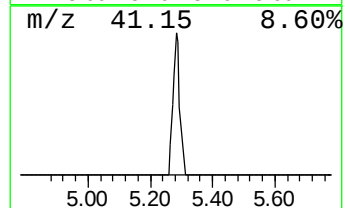
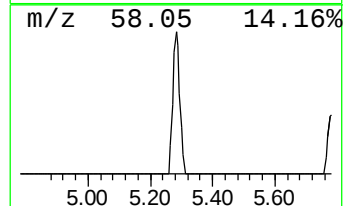
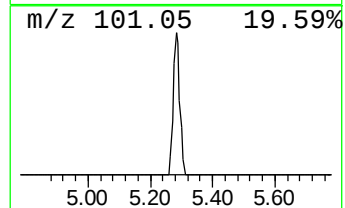
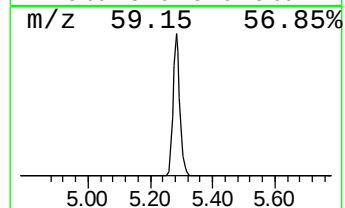
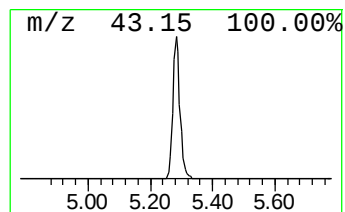
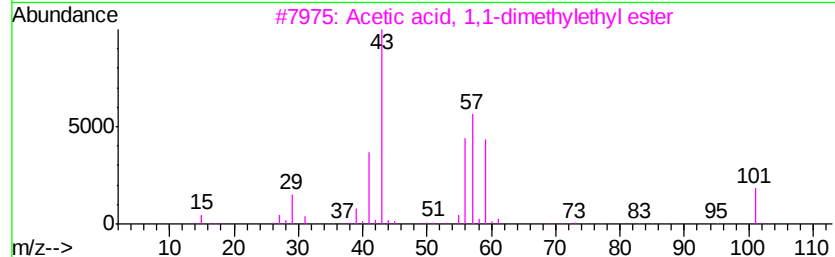
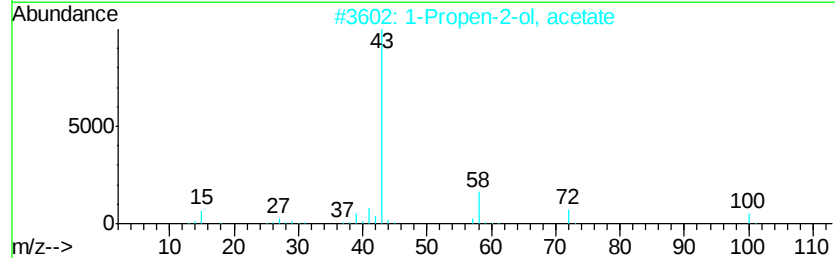
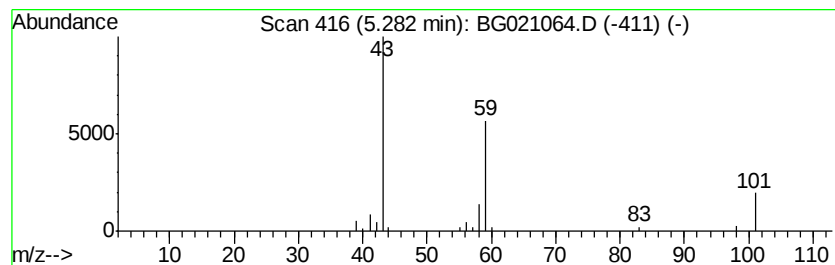
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown5.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	22.75 ng	35096	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5		Silane, trimethyl-	74	C3H10Si	000993-07-7	9



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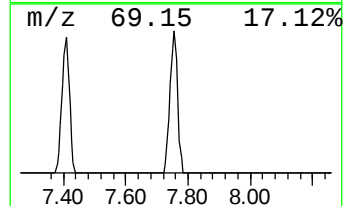
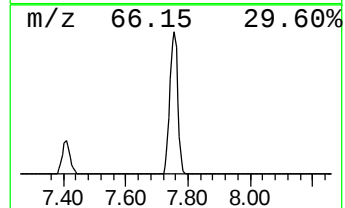
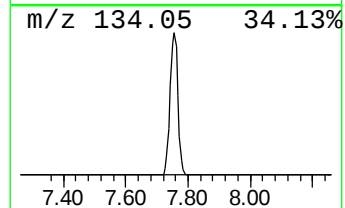
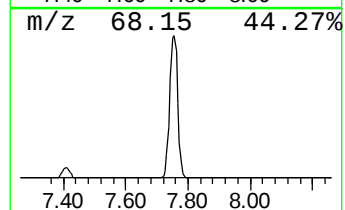
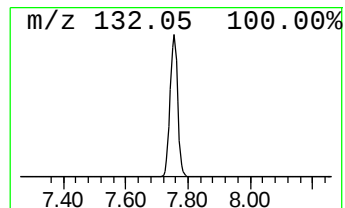
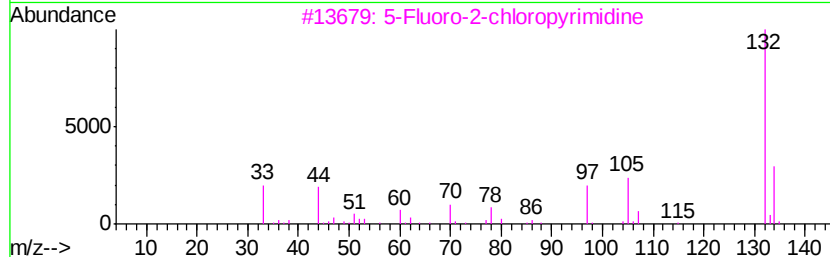
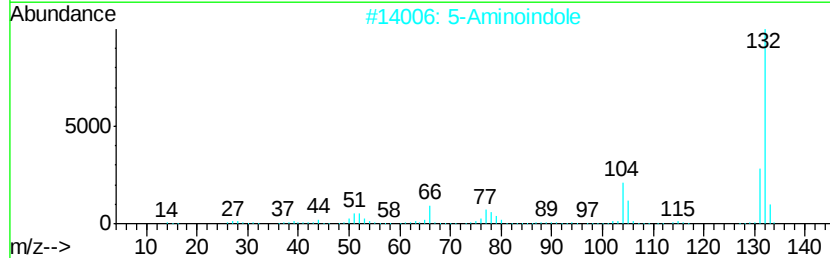
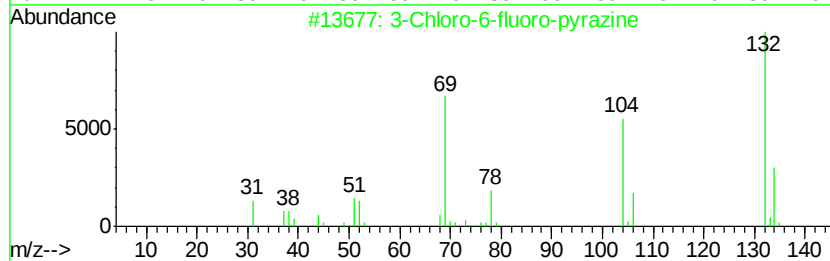
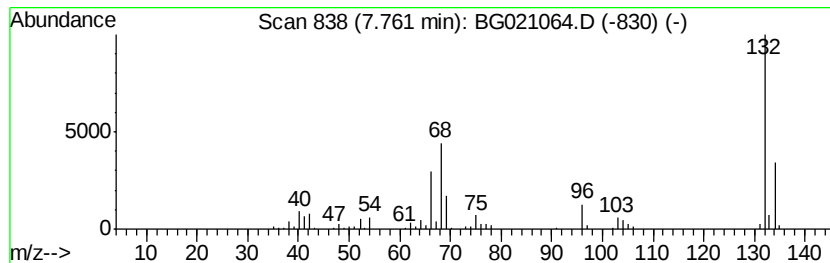
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Peak Number 3 unknown7.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	122.98 ng	189701	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
4	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...			132	C3H4N2S2	029490-19-5	9



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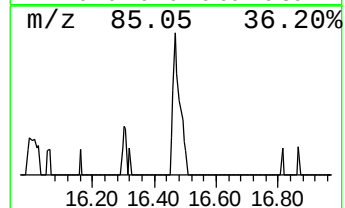
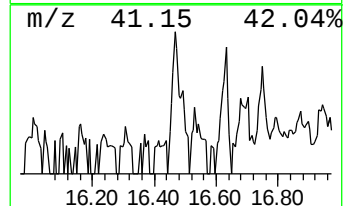
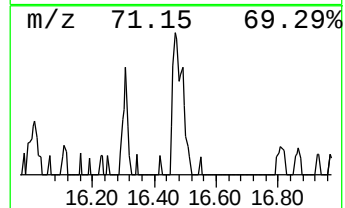
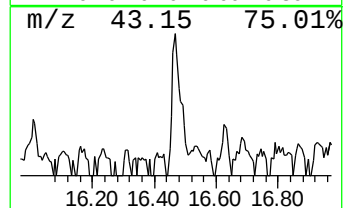
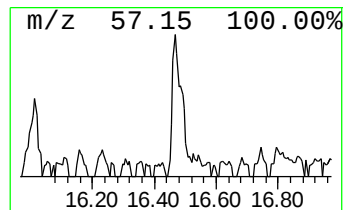
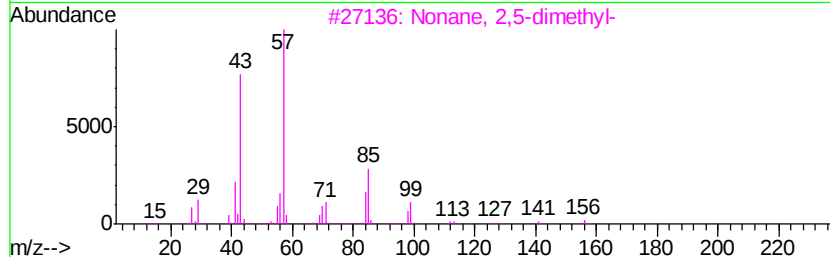
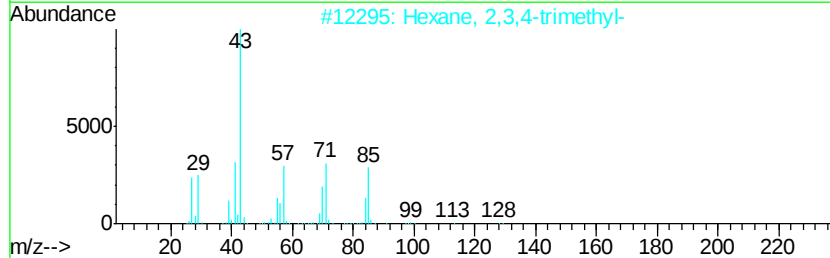
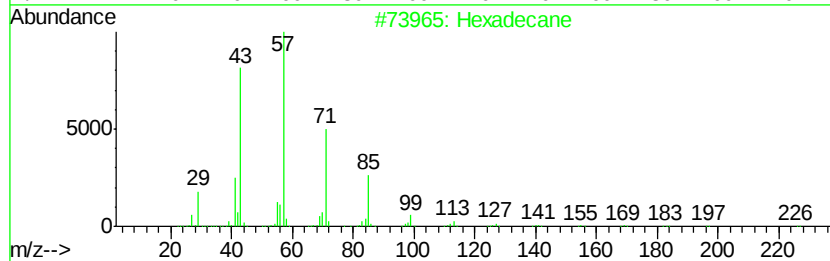
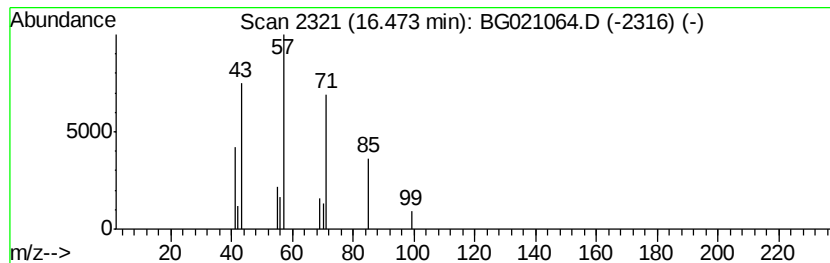
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.32 ng	12562	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	74
2	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	59
3	Nonane, 2,5-dimethyl-		156	C11H24	017302-27-1	59
4	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	56
5	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	56



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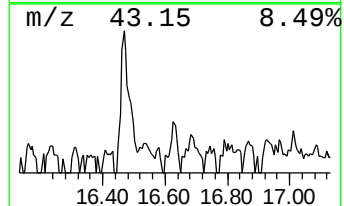
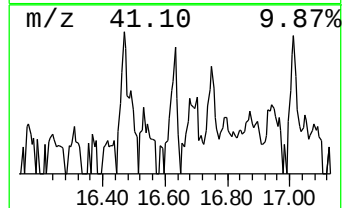
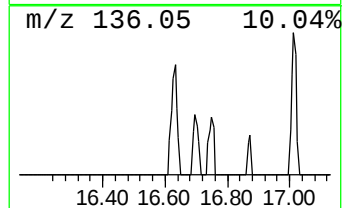
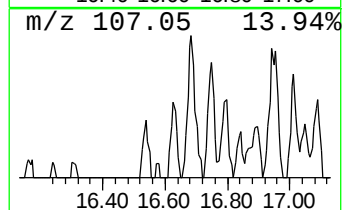
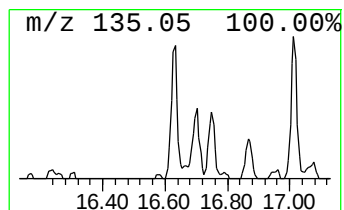
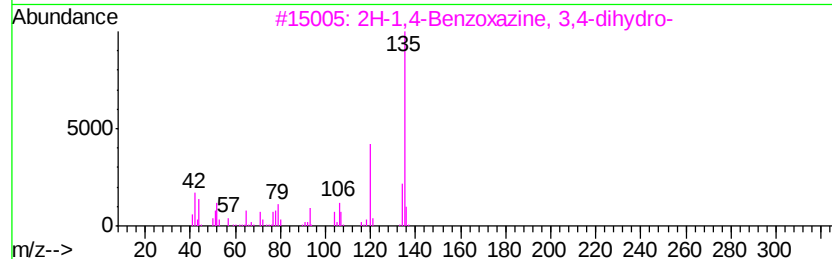
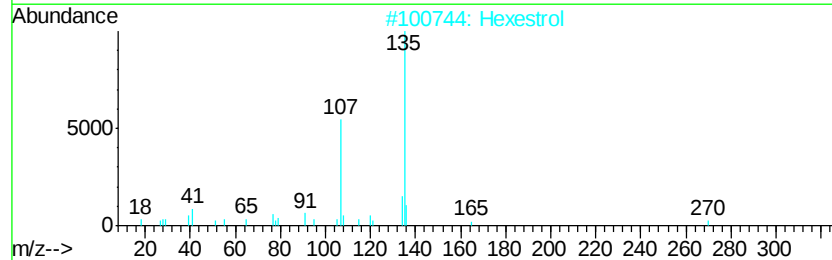
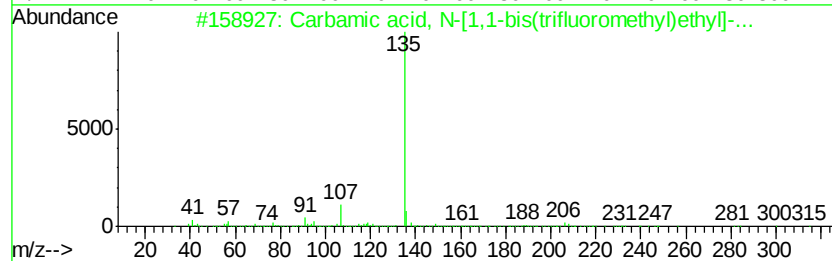
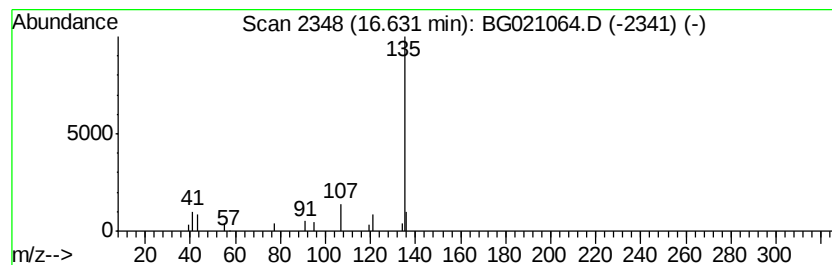
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Carbamic acid, N-[1,1-bis(t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.35 ng	15565	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	74
2		Hexestrol	270	C18H22O2	005635-50-7	39
3		2H-1,4-Benzoxazine, 3,4-dihydro-	135	C8H9NO	005735-53-5	39
4		1-Dodecanone, 2-(imidazol-1-yl)-...	356	C22H32N2O2	1000137-95-7	39
5		Adenine	135	C5H5N5	000073-24-5	9



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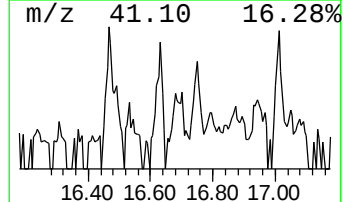
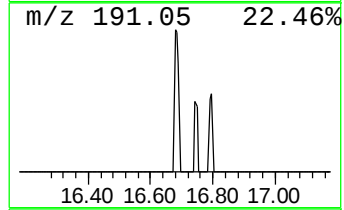
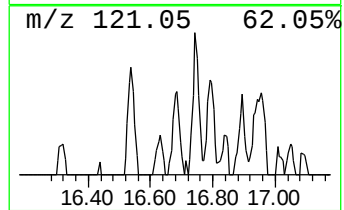
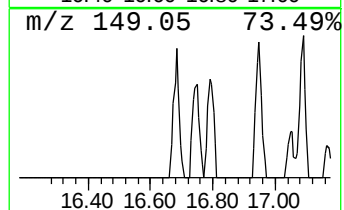
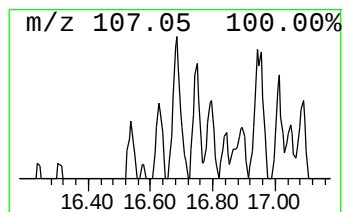
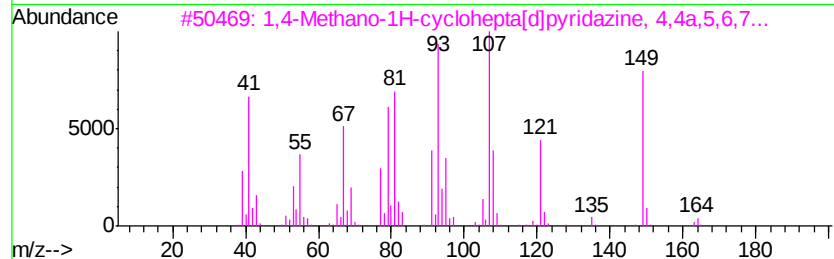
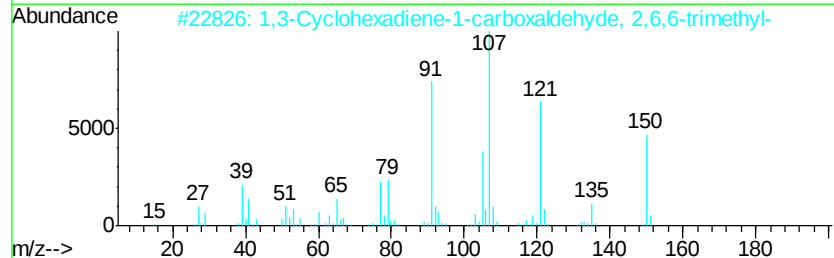
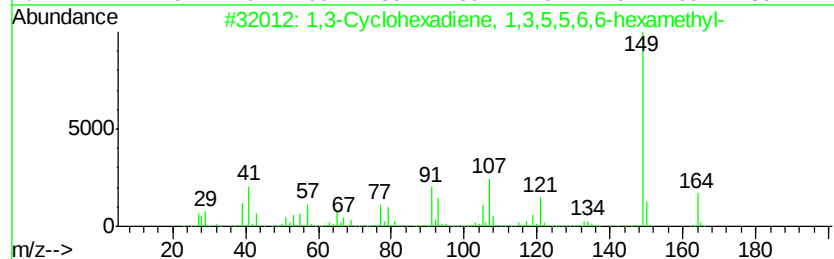
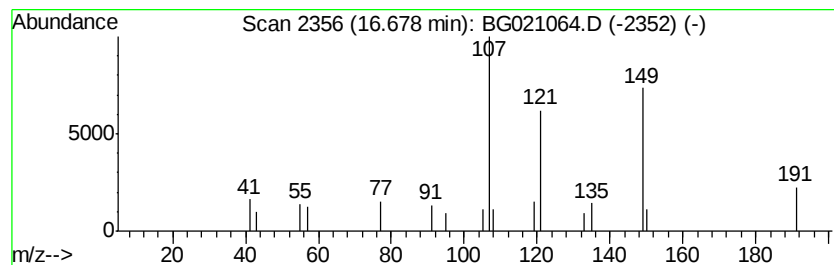
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.68 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	5.79 ng	16829	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	47
2		1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	38
3		1,4-Methano-1H-cyclohepta[d]pvrri...	192	C12H20N2	1000221-85-4	38
4		6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35
5		4-(2-Methyl-cyclohex-1-enyl)-but...	164	C11H16O	041437-92-7	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
Sample : H1521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)

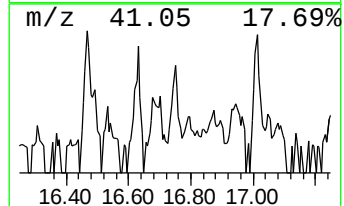
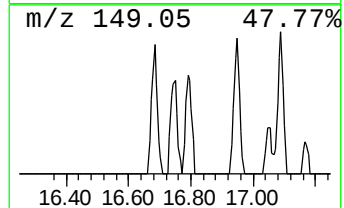
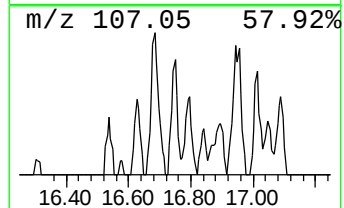
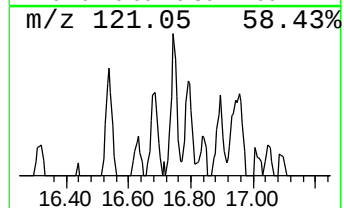
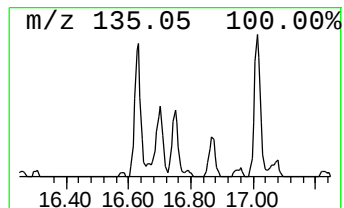
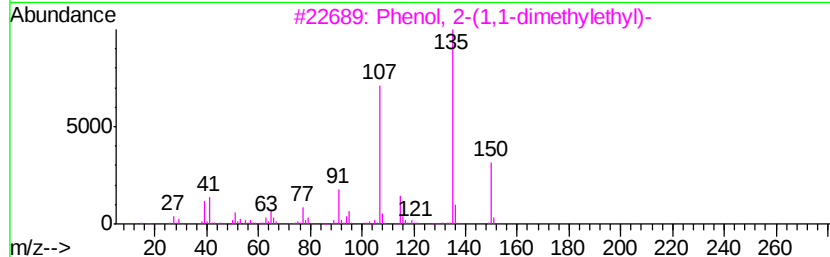
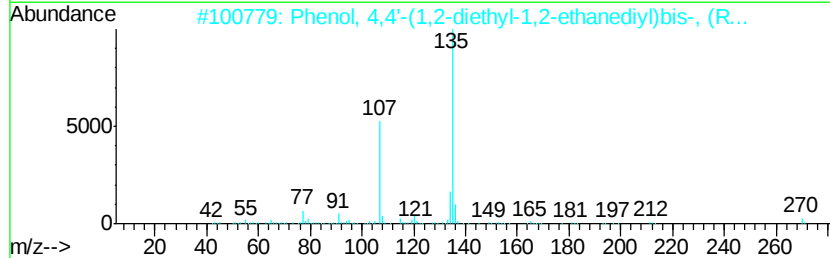
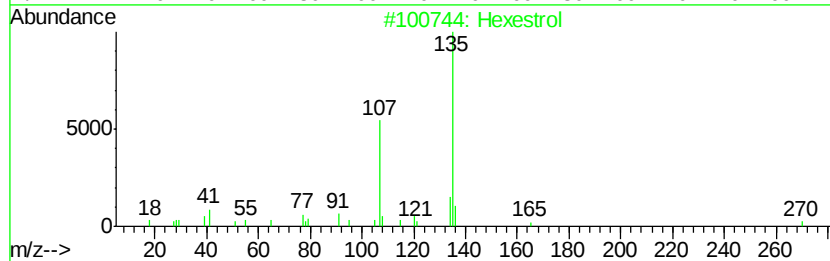
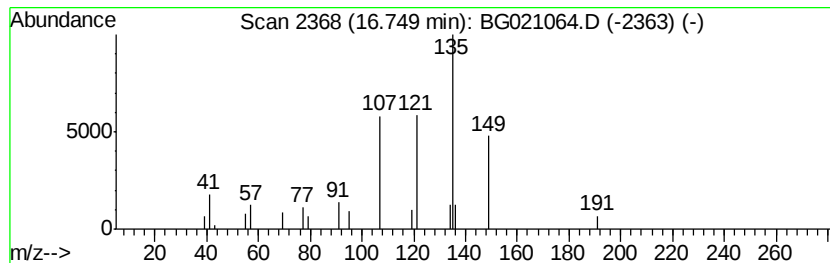
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexestrol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	4.69 ng	13624	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexestrol	270	C18H22O2	005635-50-7	50
2		Phenol, 4,4'-(1,2-diethyl-1,2-eth...	270	C18H22O2	000084-16-2	40
3		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	40
4		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	40
5		3-Methyl-2-butenic acid, 1-adam...	248	C16H24O2	1000282-89-4	33



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
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Misc :
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ClientSampleId :
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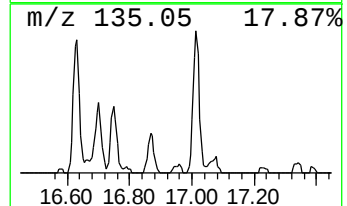
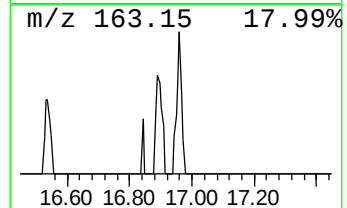
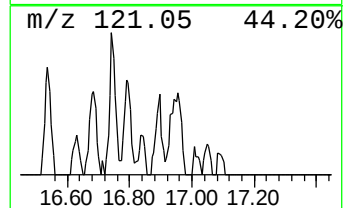
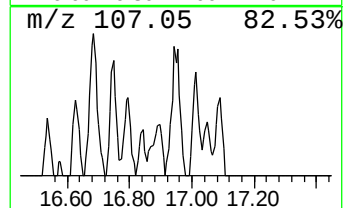
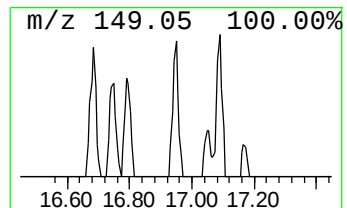
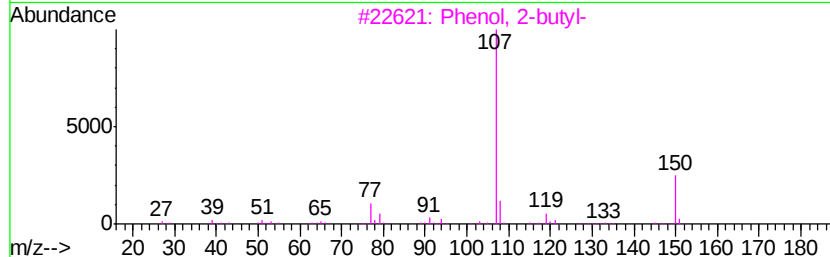
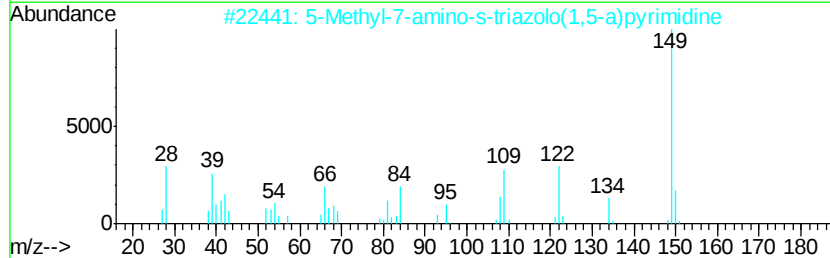
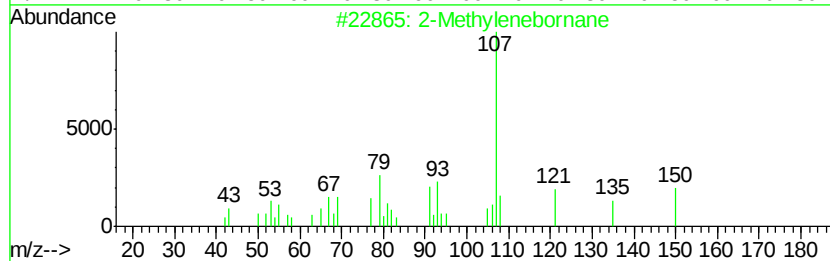
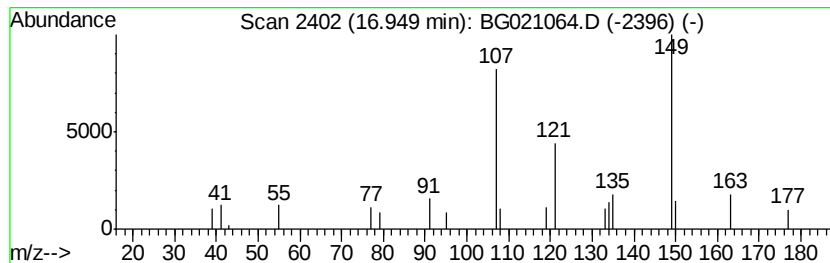
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknow16.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	5.02 ng	14606	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylenebornane			150	C11H18	027538-47-2	35
2	5-Methyl-7-amino-s-triazolo(1,5-...			149	C6H7N5	033376-96-4	27
3	Phenol, 2-butyl-			150	C10H14O	003180-09-4	27
4	1H-Purin-6-amine, N-methyl-			149	C6H7N5	000443-72-1	25
5	3',4'-Formoxylidide			149	C9H11NO	006639-60-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
Sample : H1521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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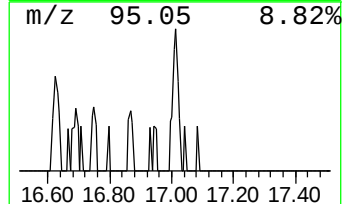
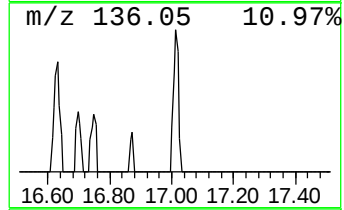
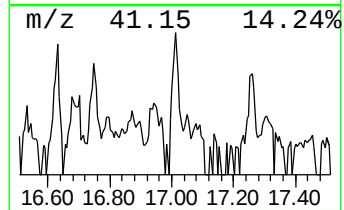
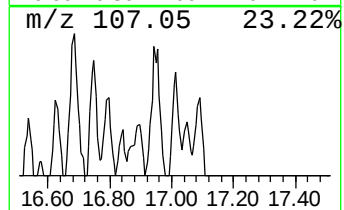
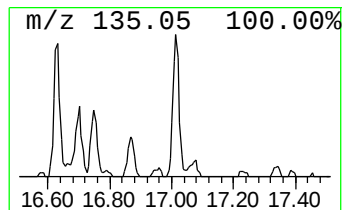
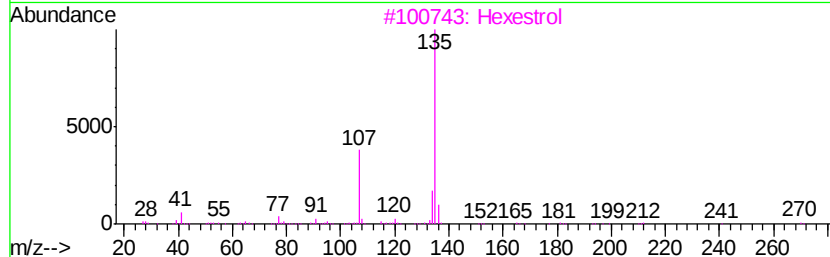
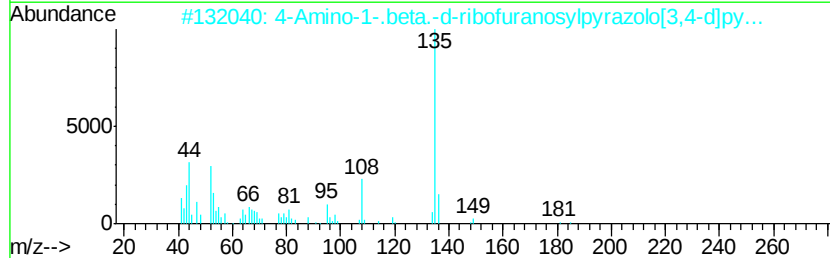
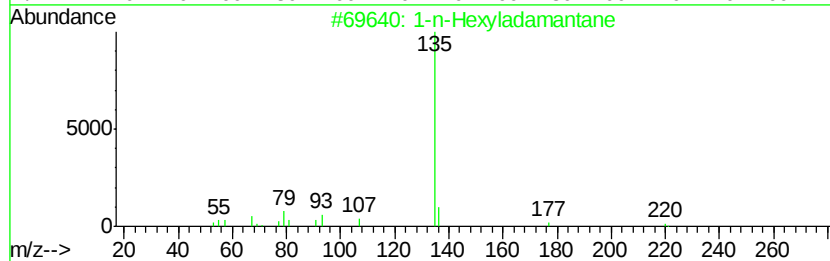
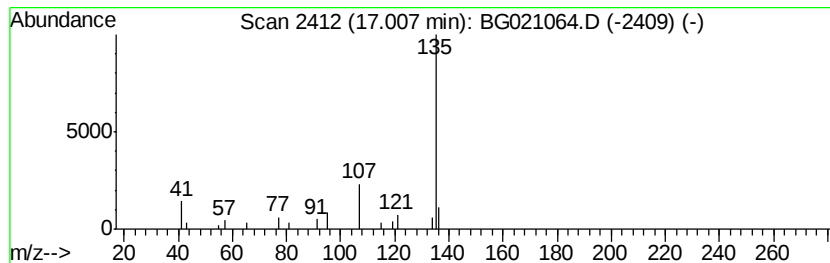
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	5.53 ng	16080	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-n-Hexyladamantane	220	C16H28	022458-75-9	38
2			4-Amino-1-.beta.-d-ribofuranosyl...	329	C10H12N5O6P	115969-63-6	38
3			Hexestrol	270	C18H22O2	005635-50-7	36
4			1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	9
5			Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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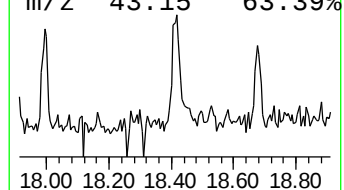
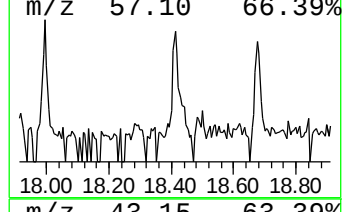
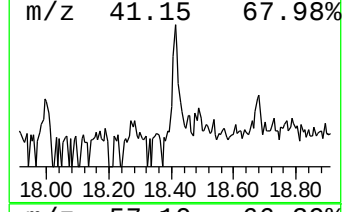
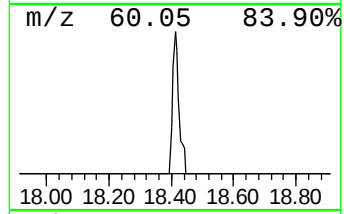
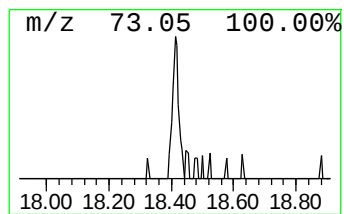
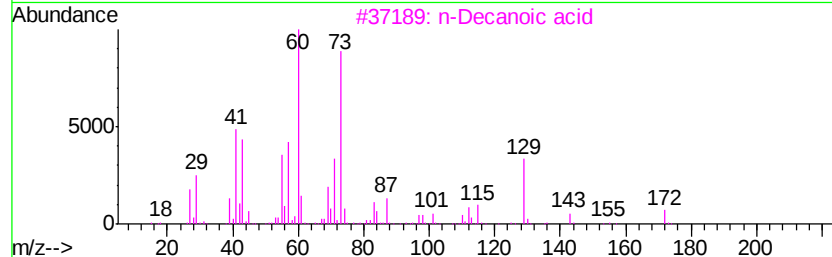
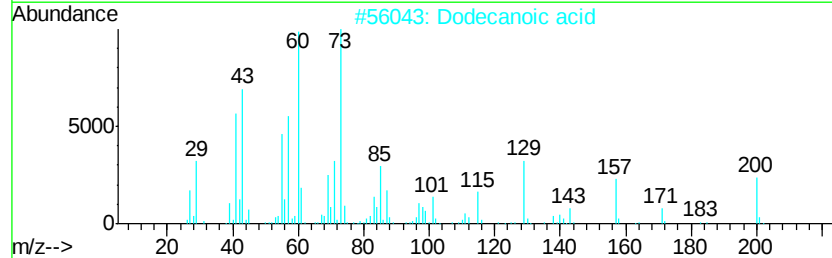
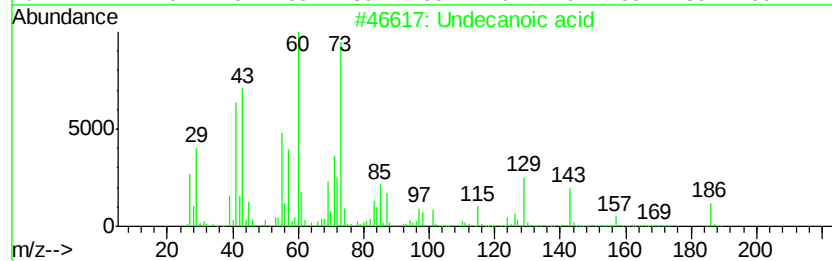
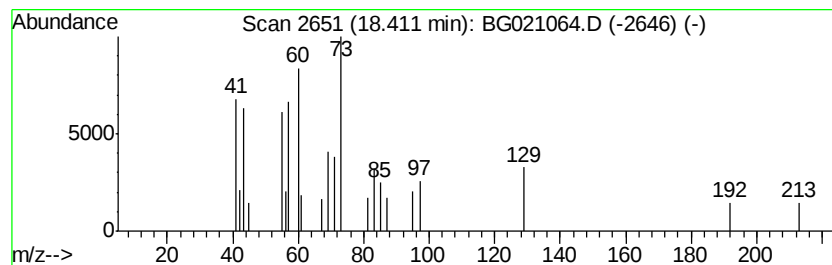
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.70 ng	13666	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecanoic acid	186	C11H22O2	000112-37-8	64
2		Dodecanoic acid	200	C12H24O2	000143-07-7	59
3		n-Decanoic acid	172	C10H20O2	000334-48-5	53
4		.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	37
5		1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	37



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
Sample : H1521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

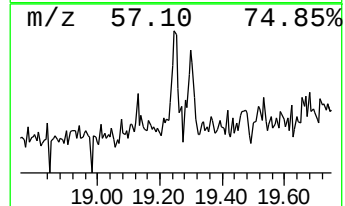
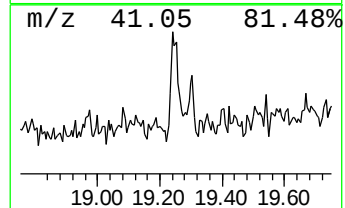
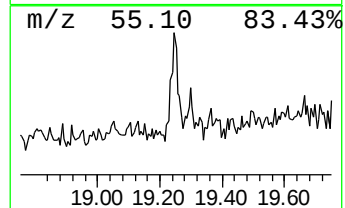
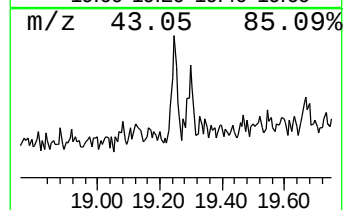
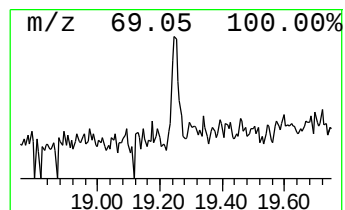
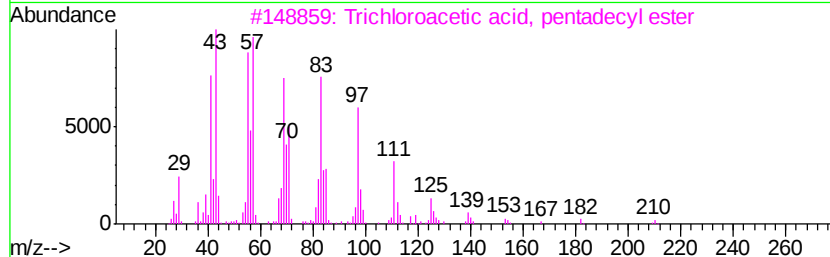
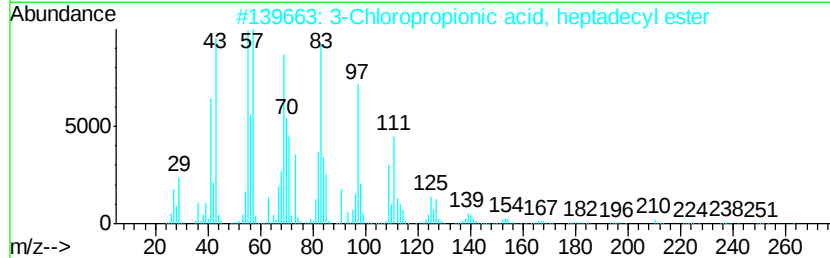
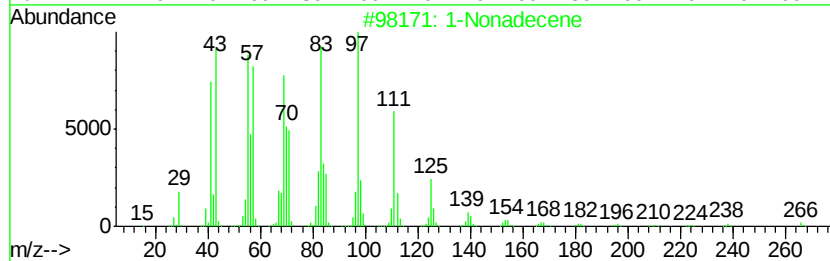
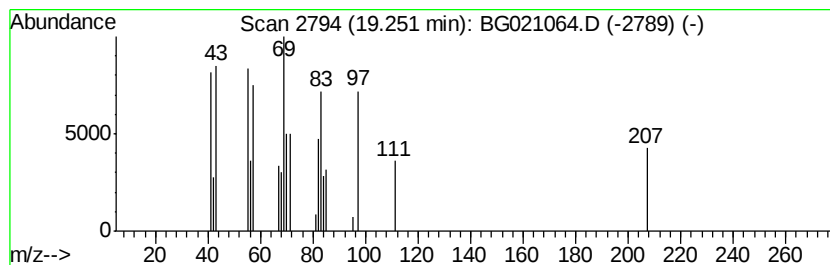
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Nonadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.25	4.06 ng	11817	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	80
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	74
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	74
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	72
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
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ClientSampleId :
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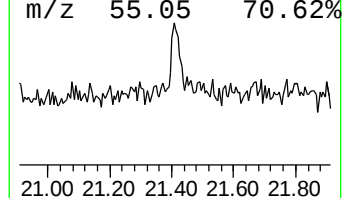
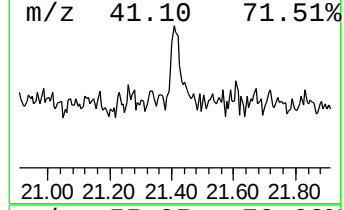
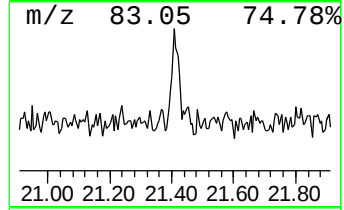
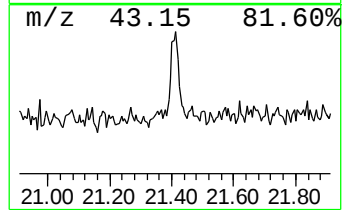
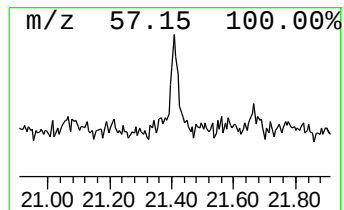
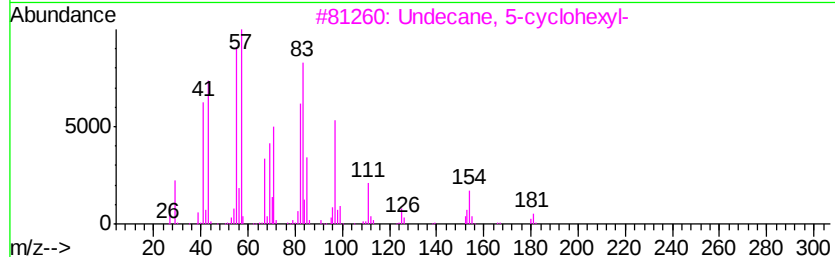
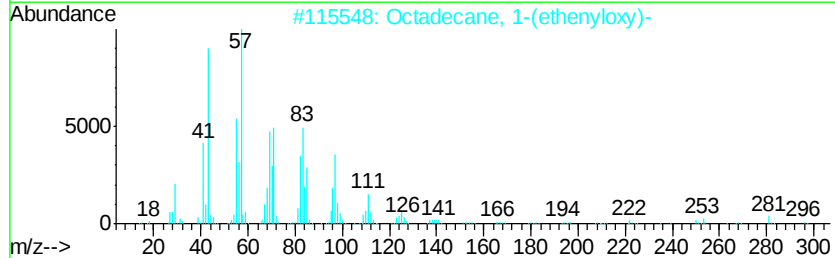
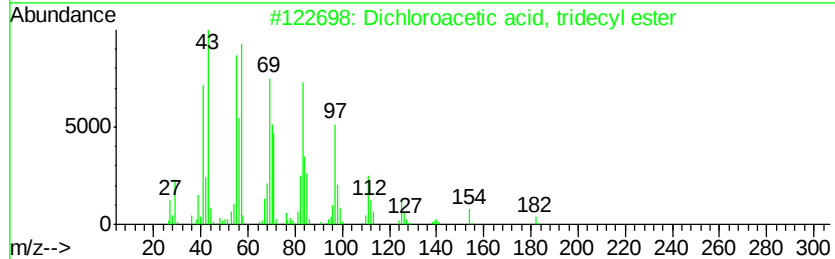
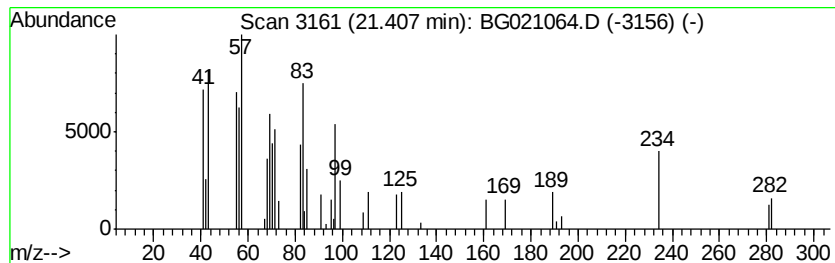
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dichloroacetic acid, tridec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	7.70 ng	18221	Chrysene-d12	21.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	53
2			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	53
3			Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	53
4			2-Heptadecenal	252	C17H32O	1000143-48-6	52
5			Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
Sample : H1521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)

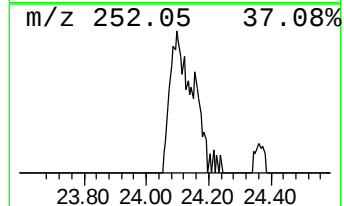
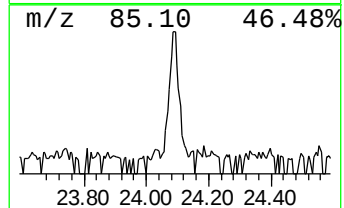
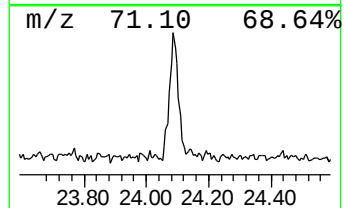
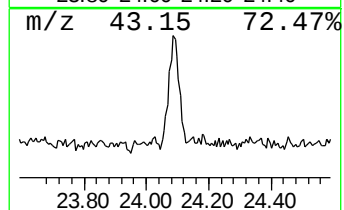
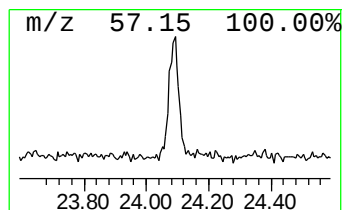
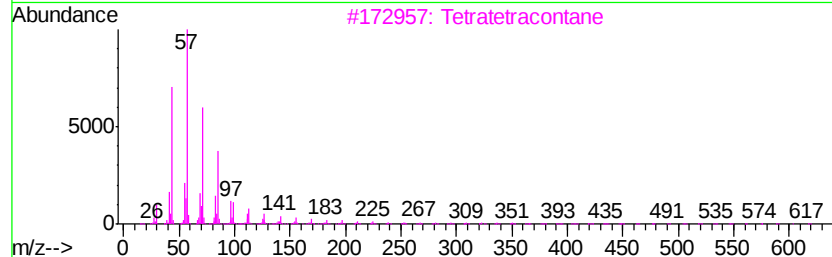
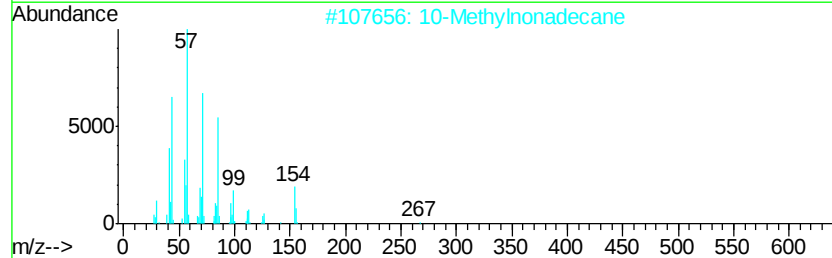
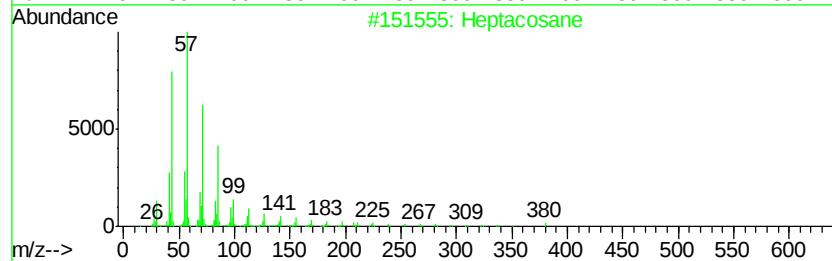
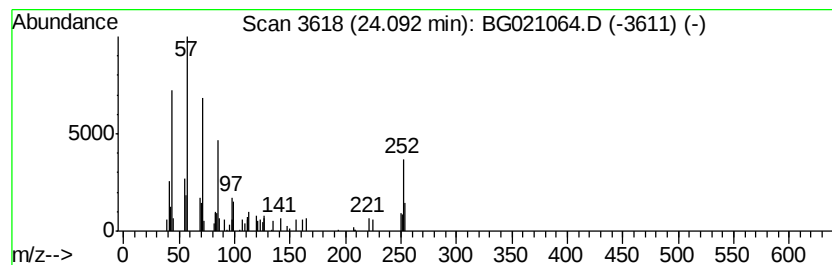
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	27.03 ng	42449	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	76
2		10-Methylnonadecane	282	C20H42	056862-62-5	70
3		Tetratetracontane	619	C44H90	007098-22-8	68
4		Tritetracontane	605	C43H88	007098-21-7	68
5		Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022416\
Data File : BG021064.D
Acq On : 24 Feb 2016 23:11
Operator : UM/SJ
Sample : H1521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.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
Propane, 2,2-dime...	3.06	246.2	ng	379768	1	8.20	30852	20.0
unknown5.28	5.28	22.8	ng	35096	1	8.20	30852	20.0
unknown7.76	7.76	123.0	ng	189701	1	8.20	30852	20.0
Hexadecane	16.47	4.3	ng	12562	4	17.56	58147	20.0
Carbamic acid, N-...	16.63	5.3	ng	15565	4	17.56	58147	20.0
unknown16.68	16.68	5.8	ng	16829	4	17.56	58147	20.0
Hexestrol	16.75	4.7	ng	13624	4	17.56	58147	20.0
unknow16.95	16.95	5.0	ng	14606	4	17.56	58147	20.0
unknown17.01	17.01	5.5	ng	16080	4	17.56	58147	20.0
Undecanoic acid	18.41	4.7	ng	13666	4	17.56	58147	20.0
1-Nonadecene	19.25	4.1	ng	11817	4	17.56	58147	20.0
Dichloroacetic ac...	21.41	7.7	ng	18221	5	21.83	47352	20.0
Heptacosane	24.09	27.0	ng	42449	6	25.16	31409	20.0