

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039951.D
 Acq On : 15 Mar 2019 21:28
 Operator : JU/SJ
 Sample : K1909-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-CO5(SETTLE-WATER)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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	3.197	13	18	27	rBV	236314	461692	14.96%	2.713%
2	3.274	27	31	42	rVB	417701	594126	19.25%	3.491%
3	5.230	360	364	372	rVB	22057	34980	1.13%	0.206%
4	5.688	435	442	452	rBV	228462	374767	12.15%	2.202%
5	7.292	708	715	725	rBV	147744	267336	8.66%	1.571%
6	7.673	770	780	787	rBV	473582	800495	25.94%	4.703%
7	8.149	855	861	869	rVB	165758	286917	9.30%	1.686%
8	8.472	907	916	925	rBV	648159	1139017	36.91%	6.692%
9	9.324	1053	1061	1070	rBV	571233	1026324	33.26%	6.030%
10	10.969	1333	1341	1350	rBV	231238	412130	13.36%	2.421%
11	13.395	1744	1754	1762	rBV	1571353	2463036	79.82%	14.471%
12	14.218	1886	1894	1901	rBV2	23129	42586	1.38%	0.250%
13	14.676	1967	1972	1980	rBV	22956	33651	1.09%	0.198%
14	14.776	1980	1989	1998	rVB2	378995	617530	20.01%	3.628%
15	16.262	2235	2242	2250	rBV	800582	1256652	40.73%	7.383%
16	16.802	2327	2334	2339	rBV2	33061	45486	1.47%	0.267%
17	17.519	2448	2456	2463	rBV	507775	850859	27.57%	4.999%
18	18.077	2545	2551	2562	rBV	173358	322637	10.46%	1.896%
19	18.265	2577	2583	2595	rBV4	38452	88607	2.87%	0.521%
20	18.365	2595	2600	2610	rVV2	67074	102526	3.32%	0.602%
21	19.628	2811	2815	2820	rBV4	34118	51540	1.67%	0.303%
22	20.110	2891	2897	2905	rVB	2376085	3085651	100.00%	18.129%
23	21.396	3111	3116	3127	rBV3	53699	121040	3.92%	0.711%
24	21.649	3154	3159	3163	rBV	41807	54830	1.78%	0.322%
25	21.807	3177	3186	3195	rBV	501902	890551	28.86%	5.232%
26	21.948	3205	3210	3216	rBV2	25543	46377	1.50%	0.272%
27	22.571	3311	3316	3323	rBV2	40879	76275	2.47%	0.448%
28	22.665	3329	3332	3339	rVB5	21463	35595	1.15%	0.209%
29	23.288	3432	3438	3446	rVB	54494	102154	3.31%	0.600%
30	23.493	3465	3473	3480	rBV7	13845	33149	1.07%	0.195%
31	24.116	3571	3579	3589	rVB	62439	143596	4.65%	0.844%
32	25.109	3740	3748	3750	rBV2	54386	126616	4.10%	0.744%
33	25.167	3750	3758	3771	rVB	280492	849789	27.54%	4.993%
34	26.284	3939	3948	3958	rVB7	38958	114412	3.71%	0.672%

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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 >
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35	27.699	4181	4189	4200	rVB8	20335	67271	2.18%	0.395%
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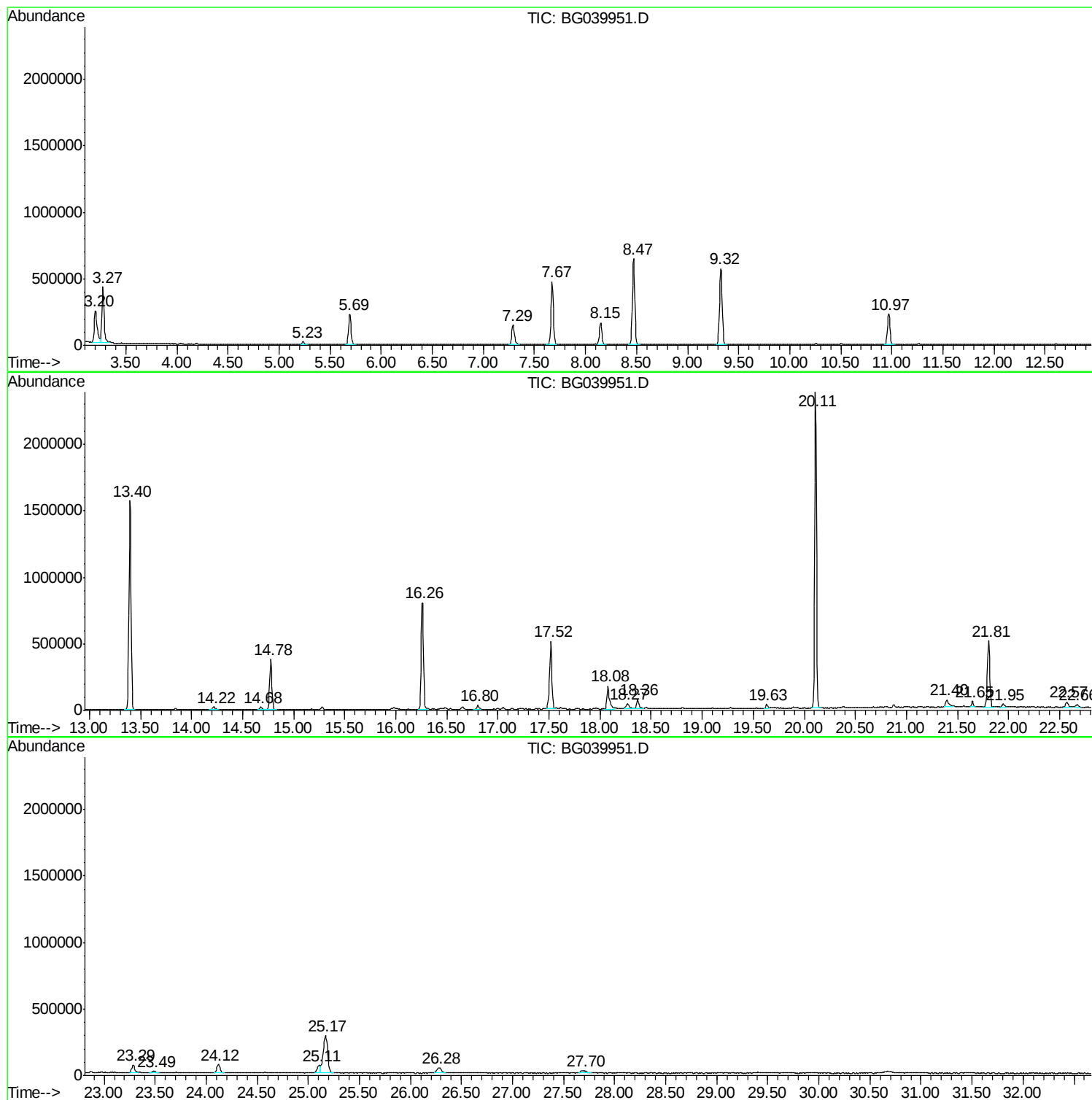
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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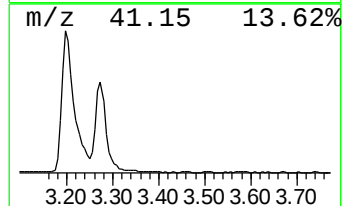
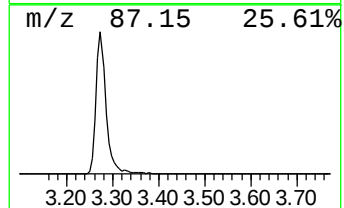
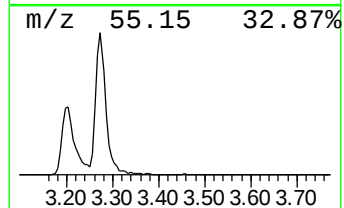
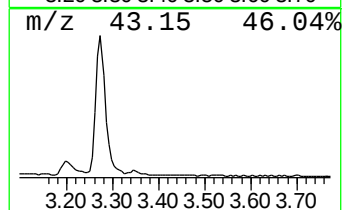
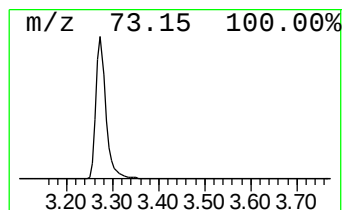
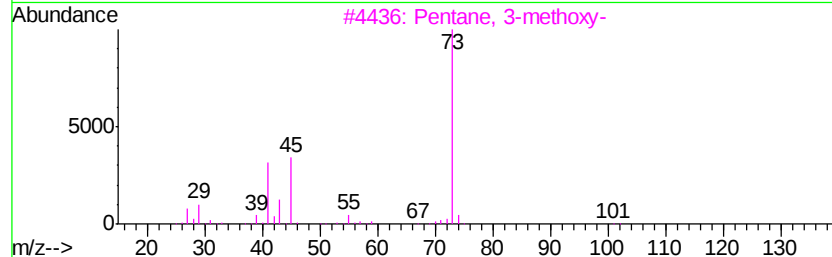
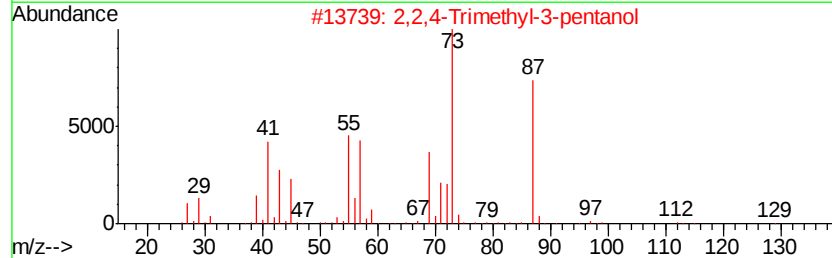
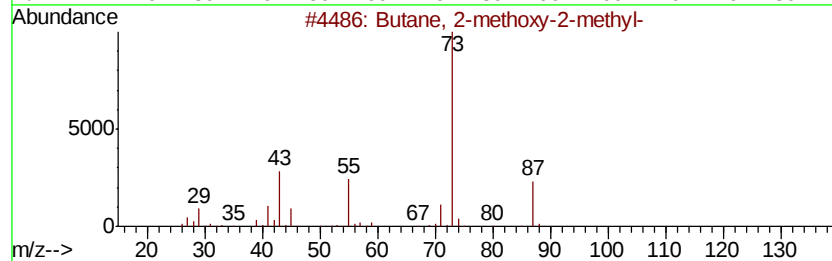
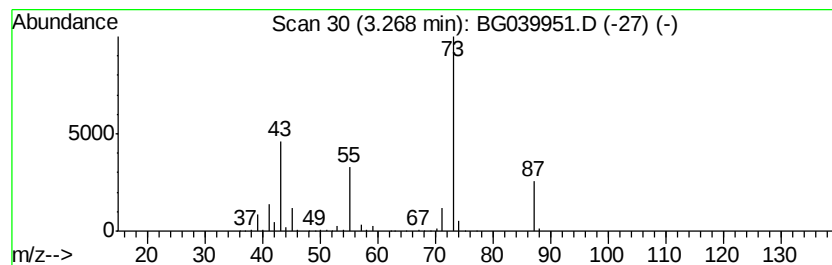
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	41.41 ng	594126	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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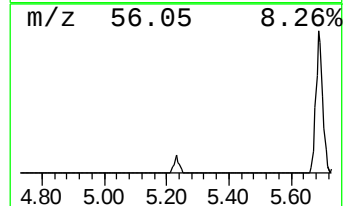
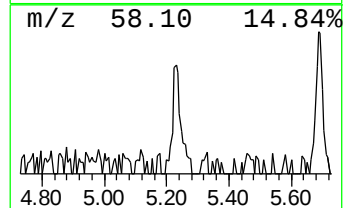
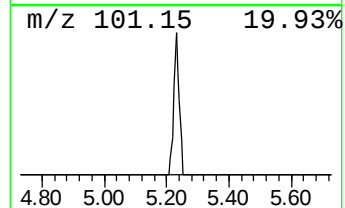
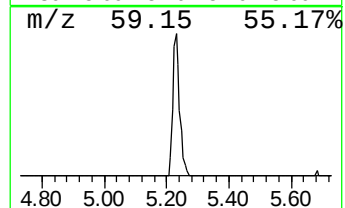
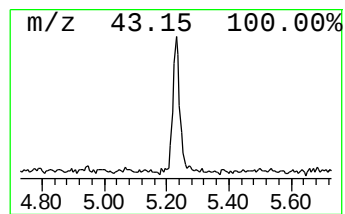
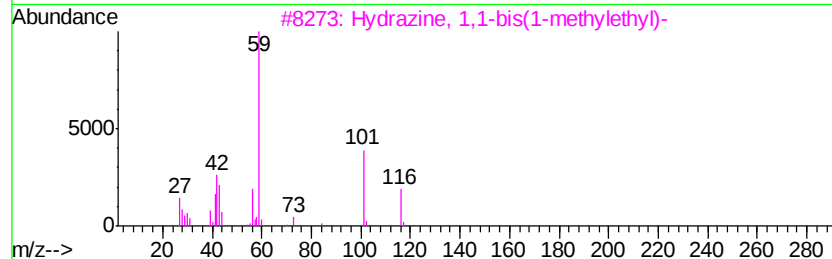
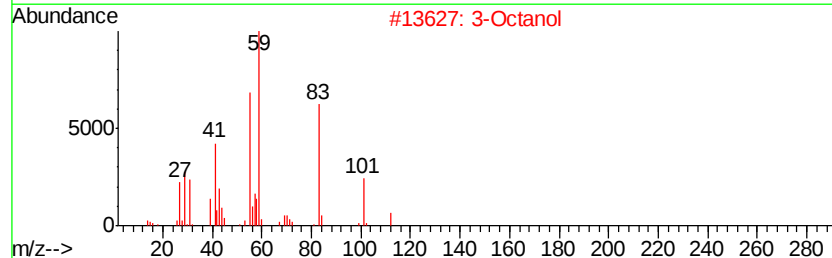
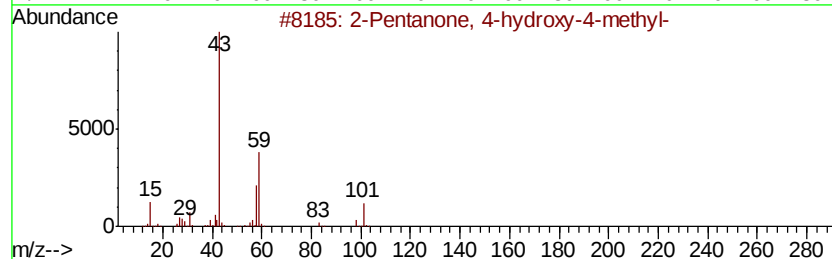
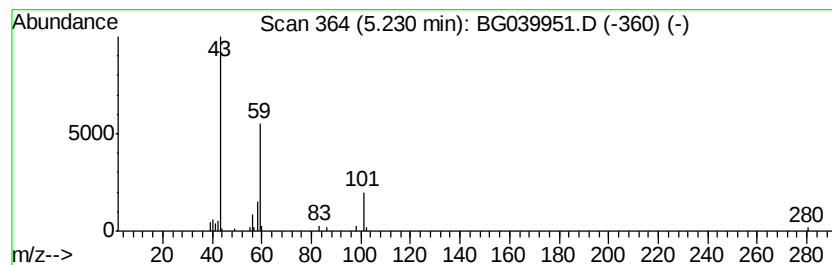
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	2.44 ng	34980	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Octanol	130	C8H18O	000589-98-0	36
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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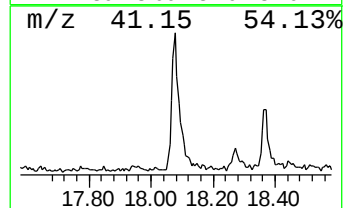
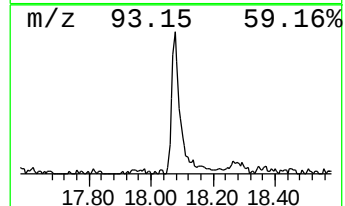
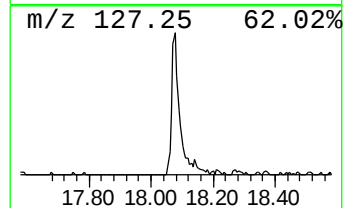
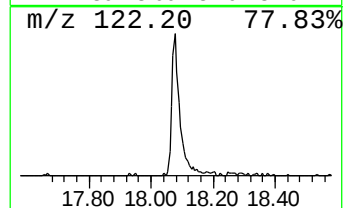
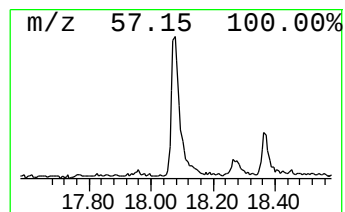
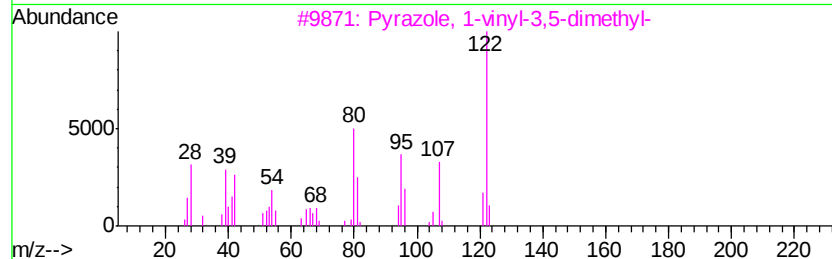
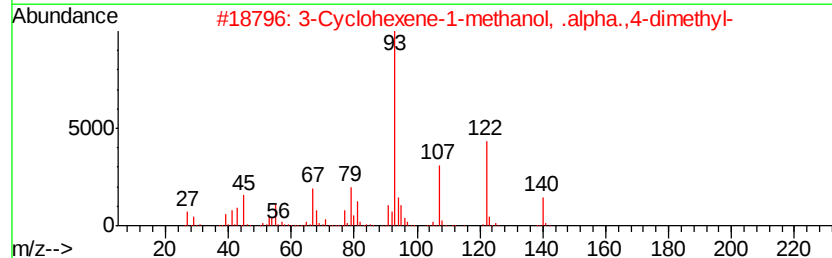
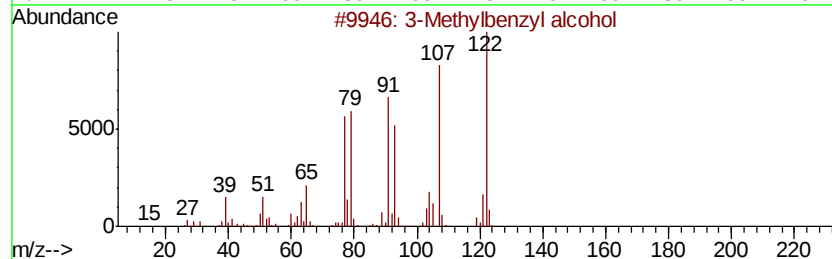
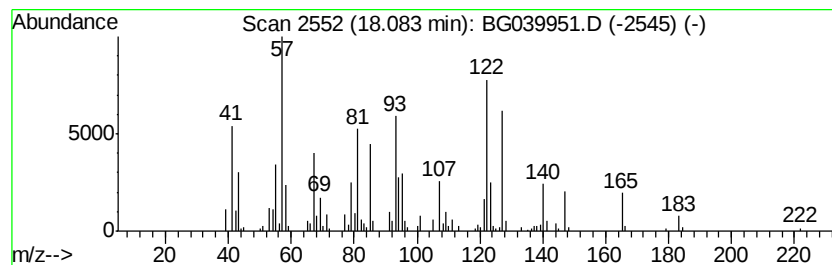
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown18.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.58 ng	322637	Phenanthrene-d10	17.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	25
2		3-Cyclohexene-1-methanol, .alpha...	140	C9H16O	055511-67-6	22
3		Pvrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	22
4		2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	22
5		Phenol, 2,4-dimethyl-, acetate	164	C10H12O2	000877-53-2	14



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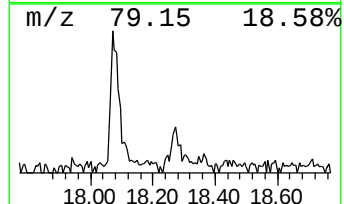
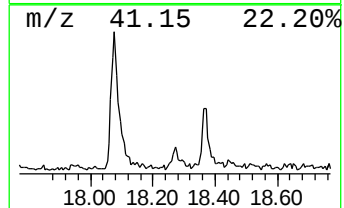
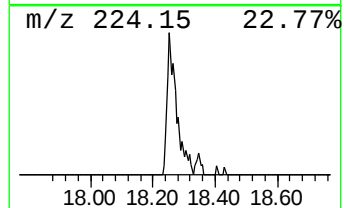
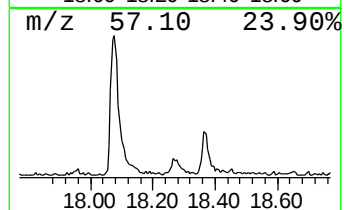
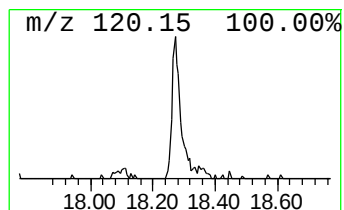
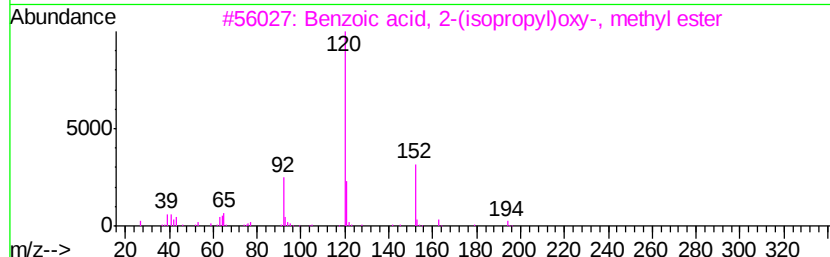
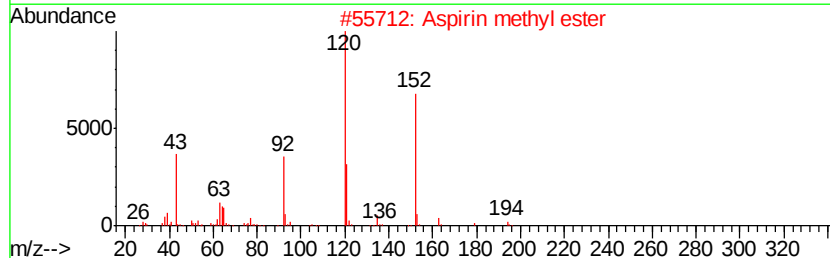
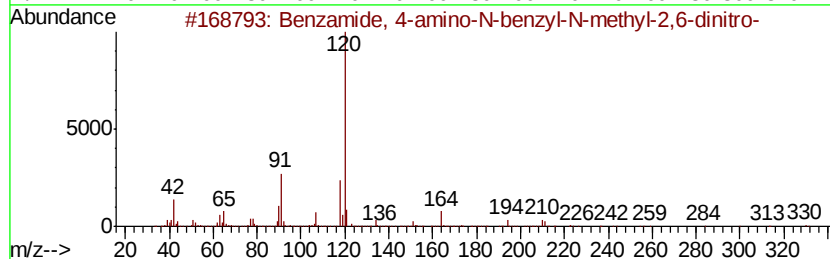
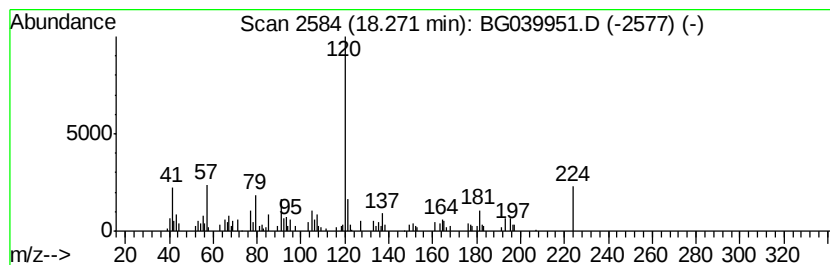
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 unknown18.27 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.08 ng	88607	Phenanthrene-d10	17.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, 4-amino-N-benzyl-N-me...	330	C15H14N4O5	1000274-07-4	43
2		Aspirin methyl ester	194	C10H10O4	000580-02-9	38
3		Benzoic acid, 2-(isopropyl)oxy-, ...	194	C11H14O3	1000375-33-5	38
4		Cyclopropyl phenylmethanol	148	C10H12O	001007-03-0	38
5		Benzenamine, 2-ethyl-6-methyl-	135	C9H13N	024549-06-2	35



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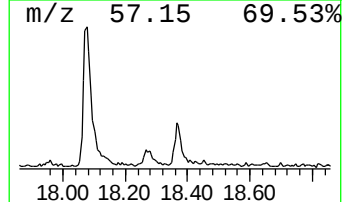
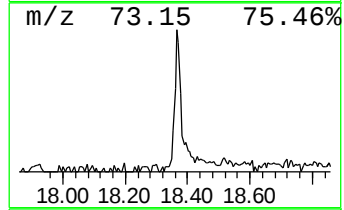
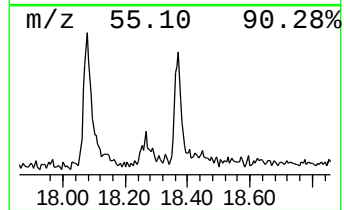
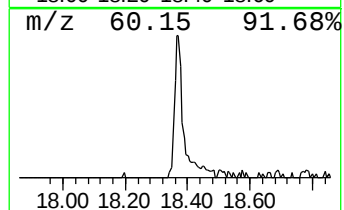
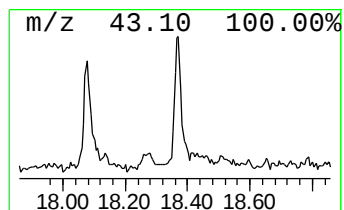
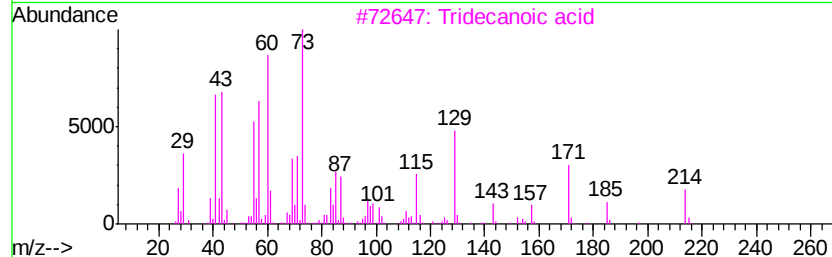
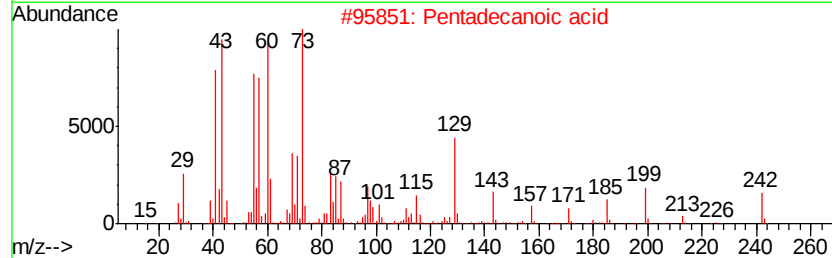
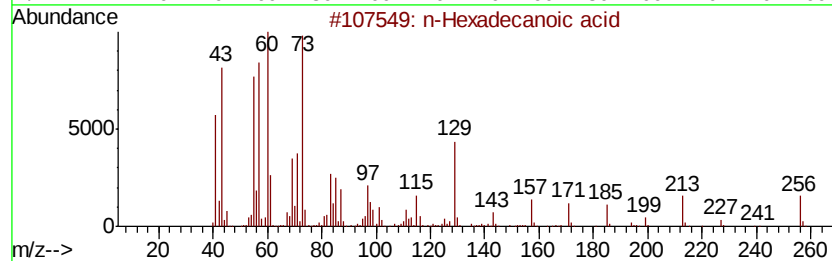
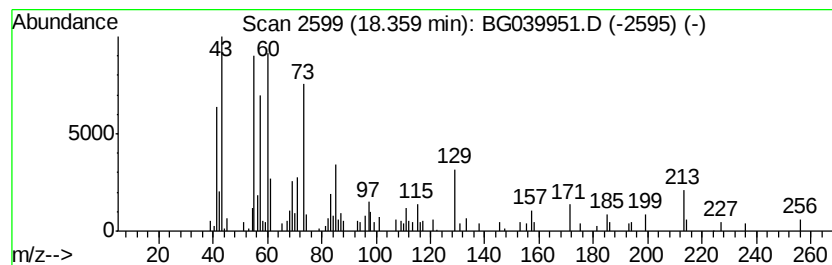
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Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.36	2.41 ng	102526	Phenanthrene-d10		17.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

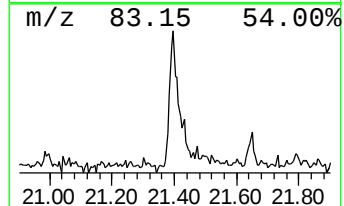
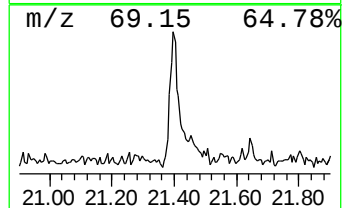
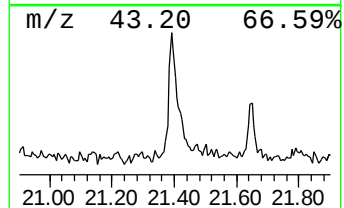
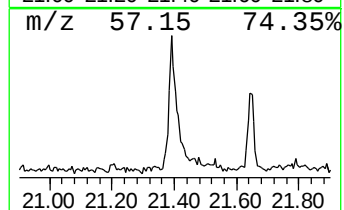
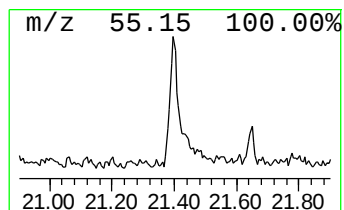
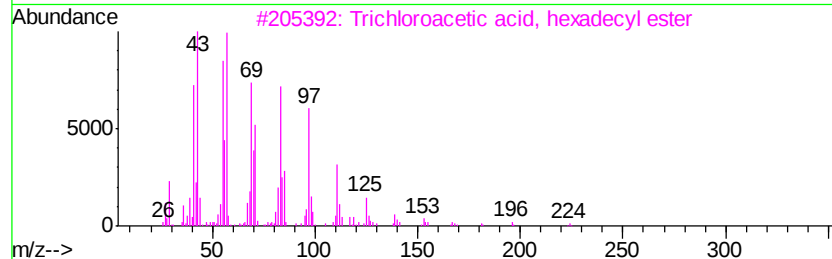
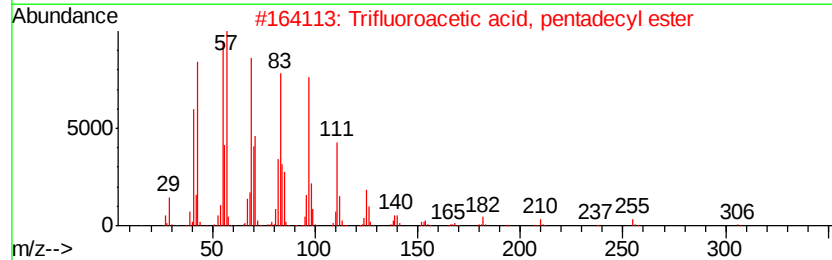
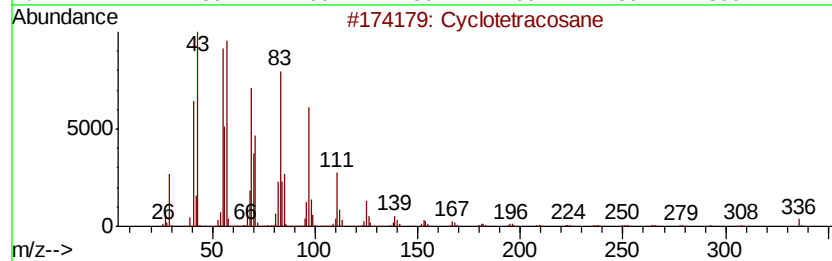
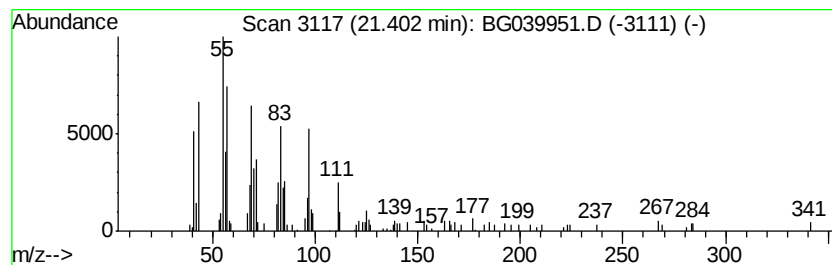
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.72 ng	121040	Chrysene-d12	21.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	91
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

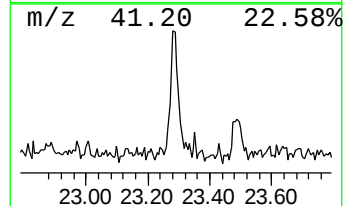
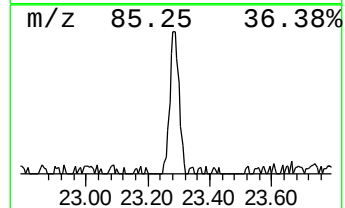
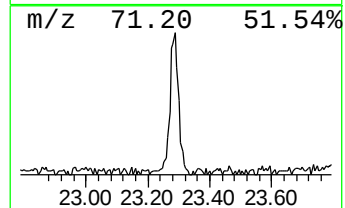
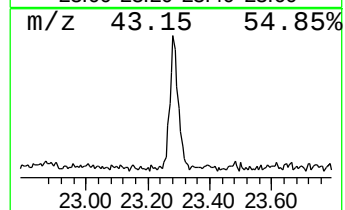
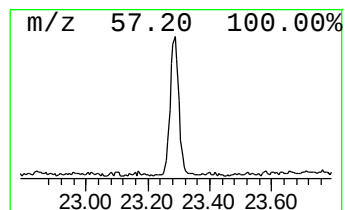
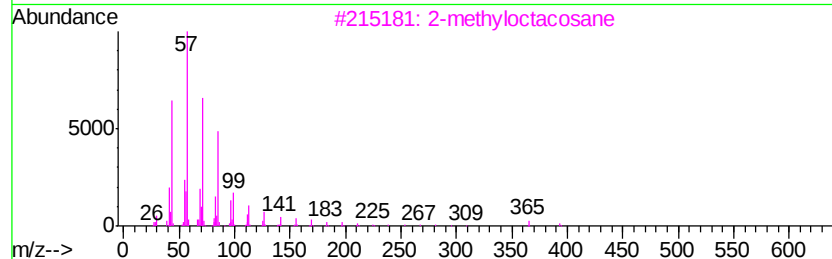
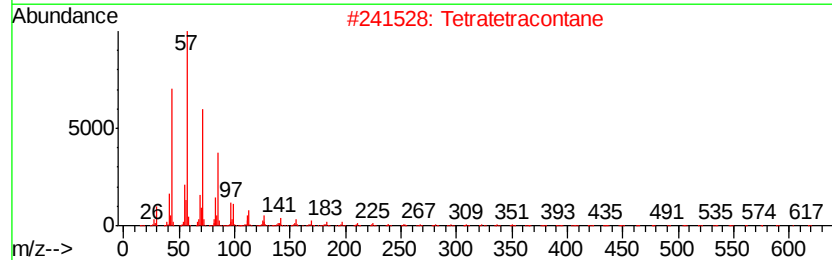
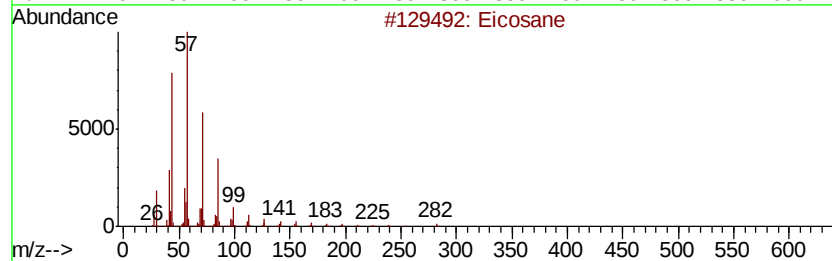
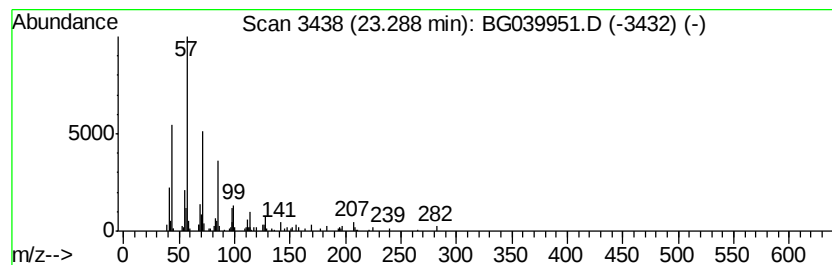
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.29 ng	102154	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

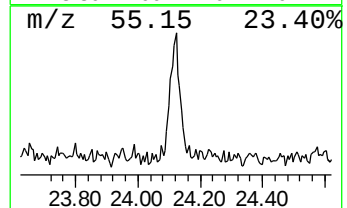
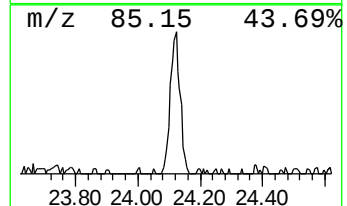
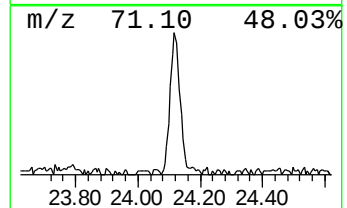
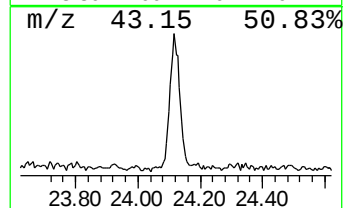
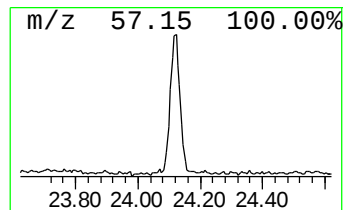
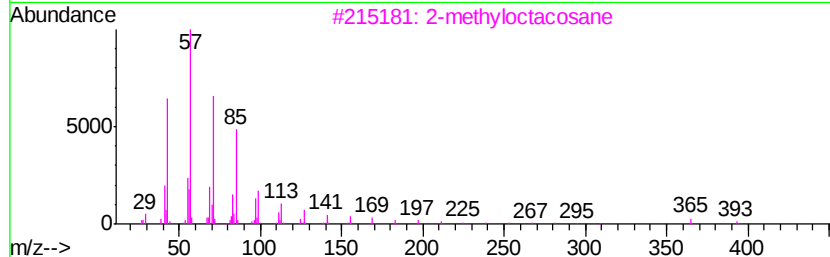
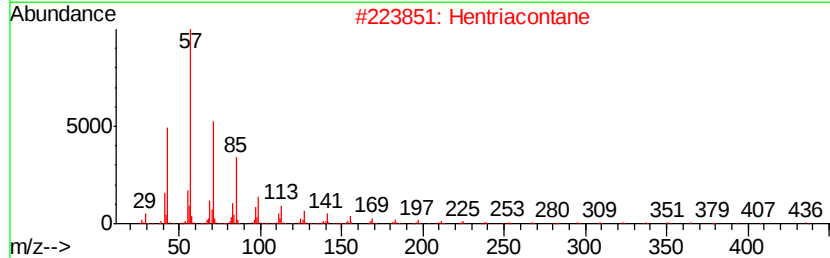
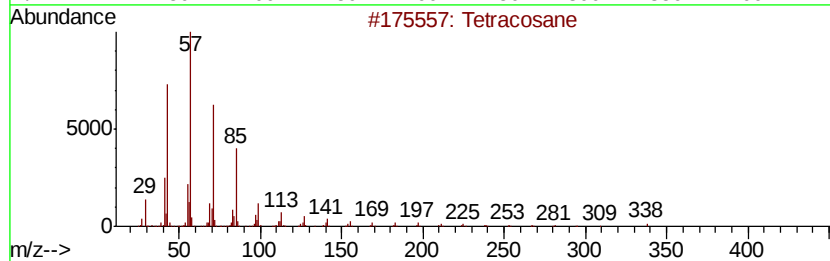
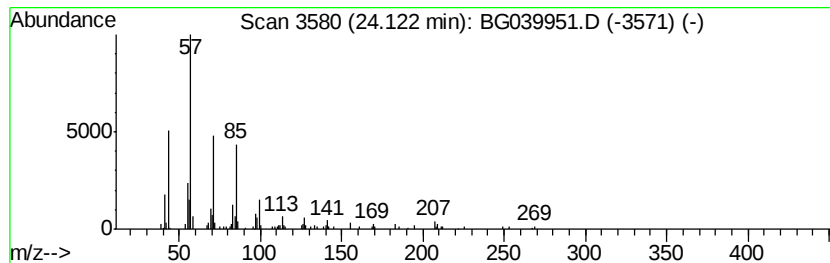
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	3.38 ng	143596	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

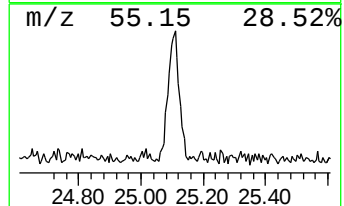
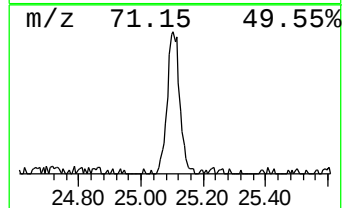
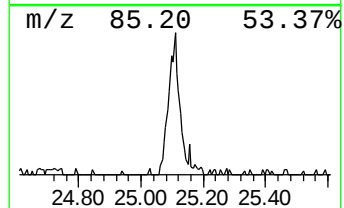
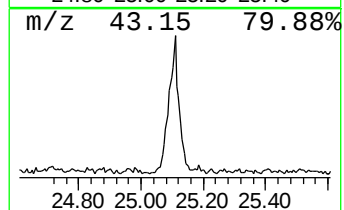
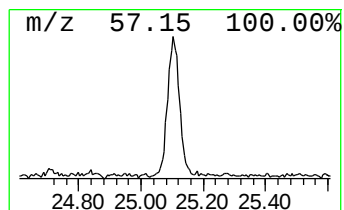
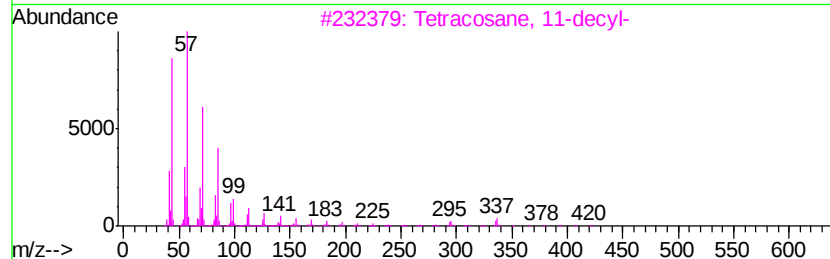
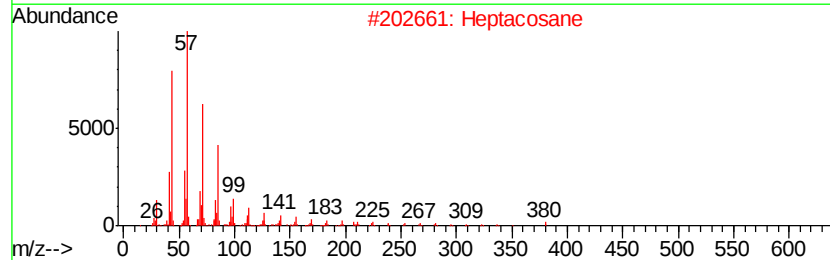
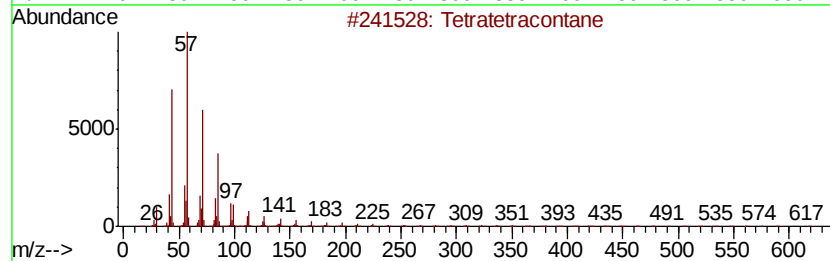
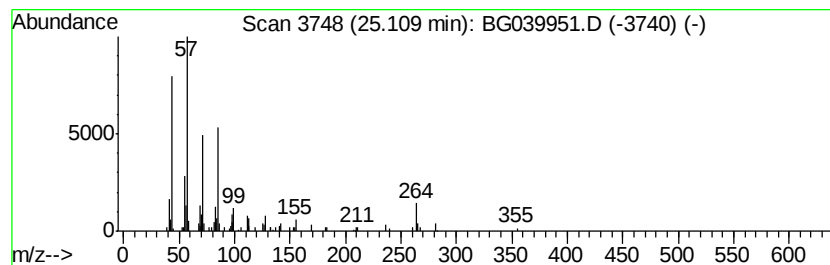
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	2.98 ng	126616	Perylene-d12	25.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	64
2			Heptacosane	380	C27H56	000593-49-7	64
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58
4			Hexatriacontane	507	C36H74	000630-06-8	58
5			Octacosane	394	C28H58	000630-02-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-CO5(SETTLE-WATER)

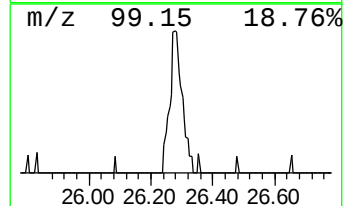
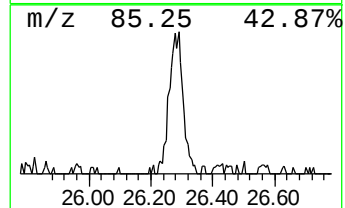
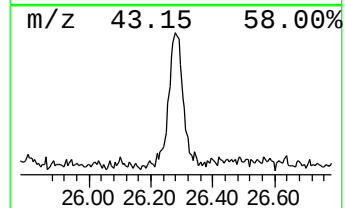
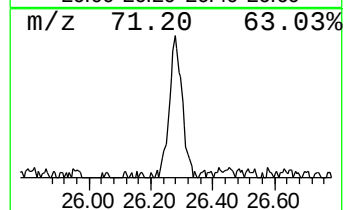
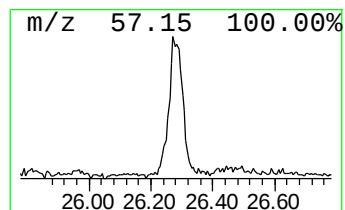
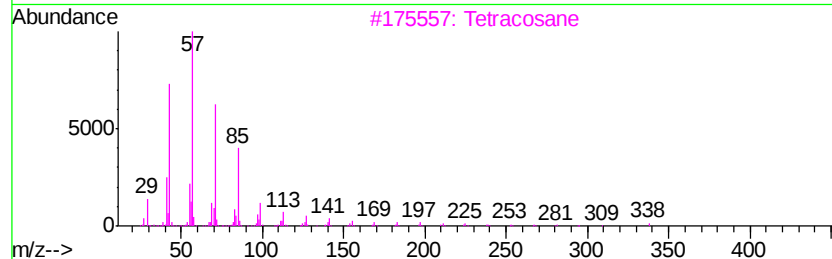
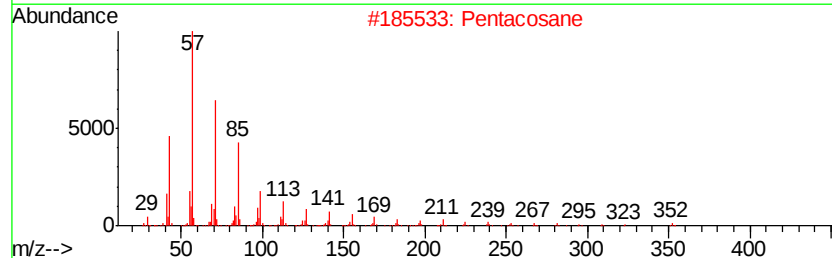
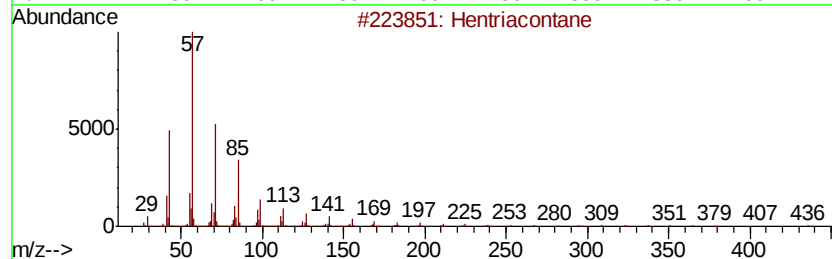
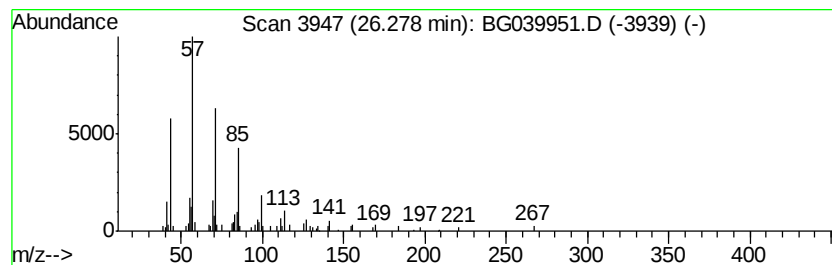
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	2.69 ng	114412	Perylene-d12	25.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Pentacosane	352	C25H52	000629-99-2	86
3			Tetracosane	338	C24H50	000646-31-1	83
4			Octacosane	394	C28H58	000630-02-4	80
5			Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039951.D
Acq On : 15 Mar 2019 21:28
Operator : JU/SJ
Sample : K1909-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-CO5(SETTLE-WATER)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.23	2.4	ng	34980	1	8.15	286917	20.0
unknown18.08	18.08	7.6	ng	322637	4	17.52	850859	20.0
unknown18.27	18.27	2.1	ng	88607	4	17.52	850859	20.0
n-Hexadecanoic acid	18.36	2.4	ng	102526	4	17.52	850859	20.0
Cyclotetracosane	21.40	2.7	ng	121040	5	21.80	890551	20.0
Eicosane	23.29	2.3	ng	102154	5	21.80	890551	20.0
Tetracosane	24.12	3.4	ng	143596	6	25.17	849789	20.0
Tetratetracontane	25.11	3.0	ng	126616	6	25.17	849789	20.0
Hentriacontane	26.28	2.7	ng	114412	6	25.17	849789	20.0