

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039345.D
 Acq On : 07 Apr 2023 09:29
 Operator : CG/JU
 Sample : 02115-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 00:02:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 23:05:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	7094	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.686	136	26875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	16202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	31034	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	23182	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	19775	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	23160	1.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	5765	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	13781	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.250	152	2523	0.040	ng/ul#	89
11) Acenaphthene	14.592	153	1974	0.040	ng/ul	97
12) Fluorene	15.577	166	2653	0.054	ng/ul#	98
15) Phenanthrene	17.316	178	84305	0.979	ng/ul	99
16) Anthracene	17.409	178	12835	0.196	ng/ul	98
19) Fluoranthene	19.334	202	260551	2.715	ng/ul	100
20) Pyrene	19.696	202	171199	1.556	ng/ul	98
21) Benzo(a)anthracene	21.448	228	96855	1.812	ng/ul	99
22) Chrysene	21.501	228	101930	1.555	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	132998	2.120	ng/ul	86
25) Benzo(k)fluoranthene	23.167	252	44854m	0.750	ng/ul	
26) Benzo(a)pyrene	23.746	252	34181	0.541	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.327	276	32992	0.414	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.334	278	10629	0.191	ng/ul#	90
29) Benzo(g,h,i)perylene	27.092	276	1717	0.022	ng/ul#	19

(#) = qualifier out of range (m) = manual integration (+) = signals summed

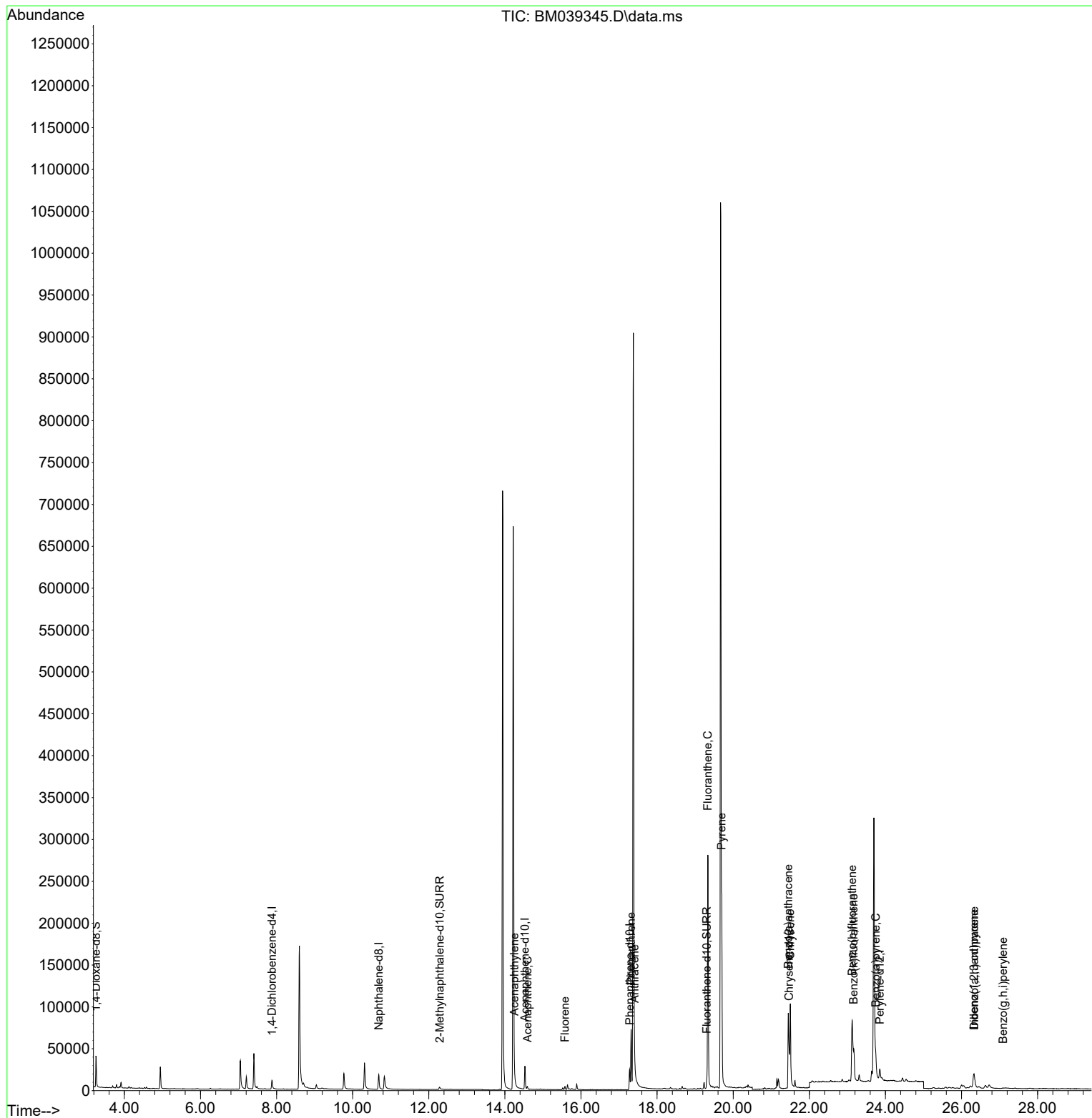
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039345.D
Acq On : 07 Apr 2023 09:29
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Sample : 02115-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

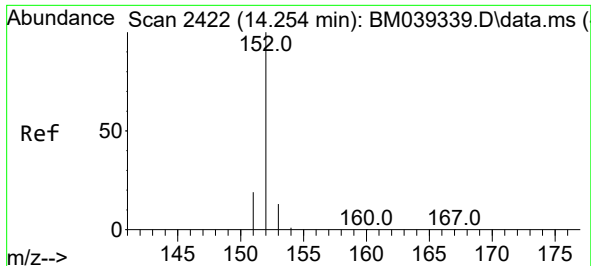
Instrument :
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Quant Time: Apr 08 00:02:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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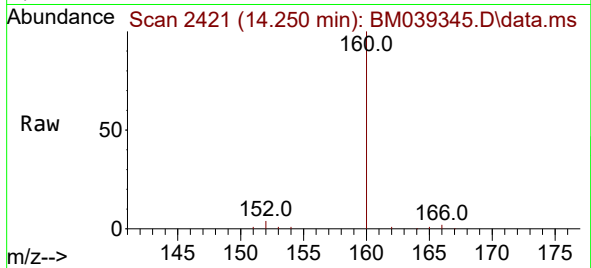
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023





#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

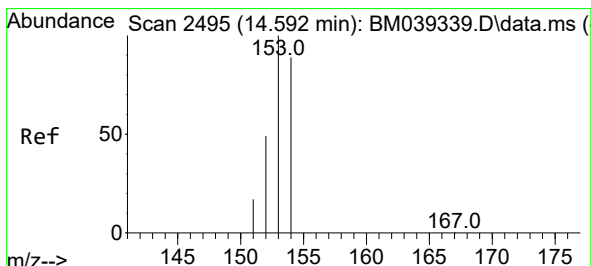
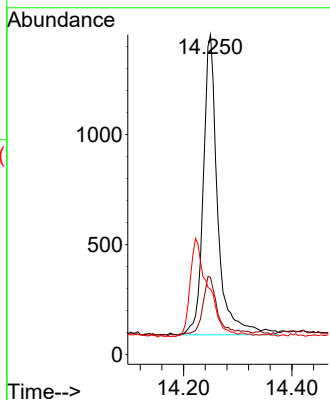
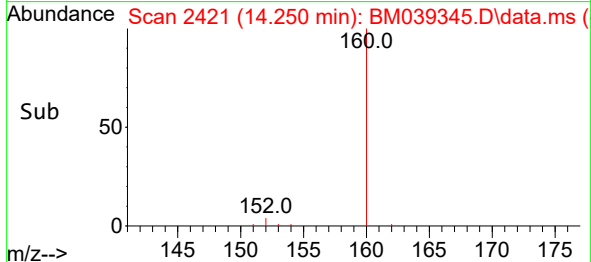
Instrument :
BNA_M
ClientSampleId :
CB9C0



Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
151 24.1 16.2 24.4
153 20.4 11.6 17.4

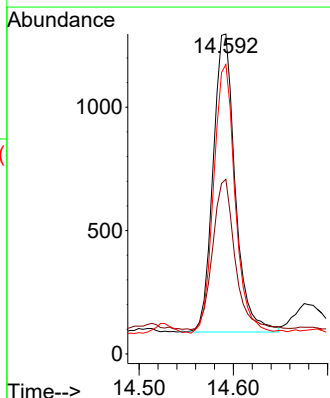
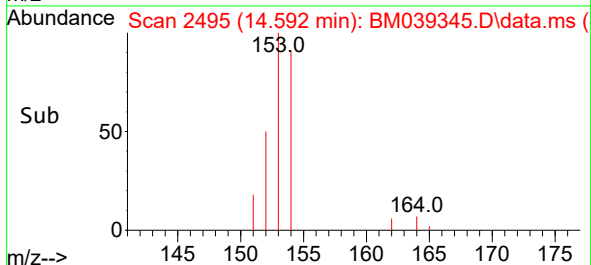
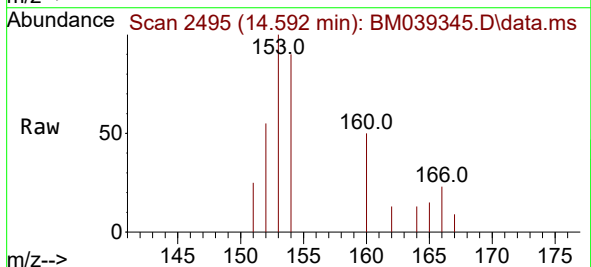
Manual Integrations
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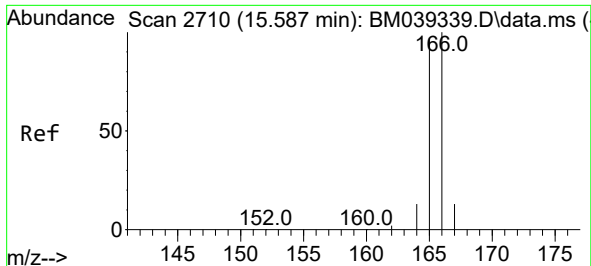
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

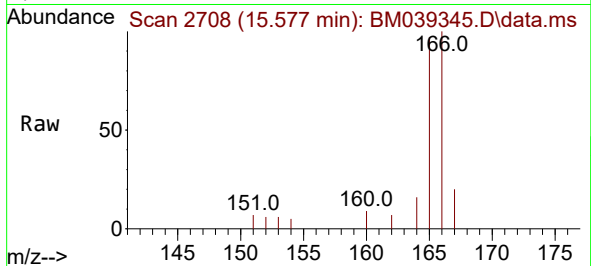
Tgt Ion:153 Resp: 1974
Ion Ratio Lower Upper
153 100
152 54.6 40.3 60.5
154 90.4 71.5 107.3





#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

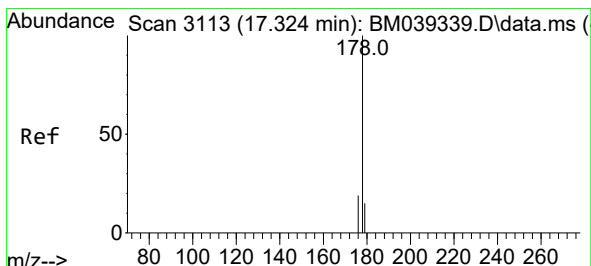
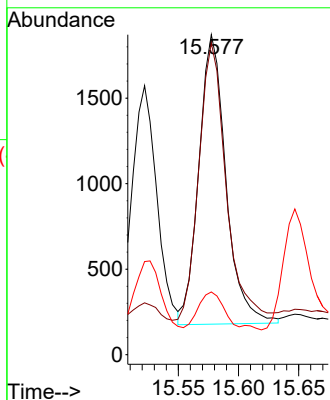
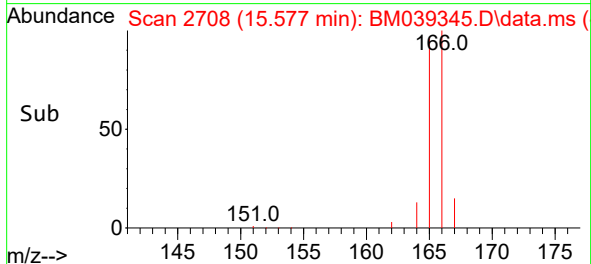
Instrument :
BNA_M
ClientSampleId :
CB9C0



Tgt Ion:166 Resp: 265
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 19.6 11.8 17.6

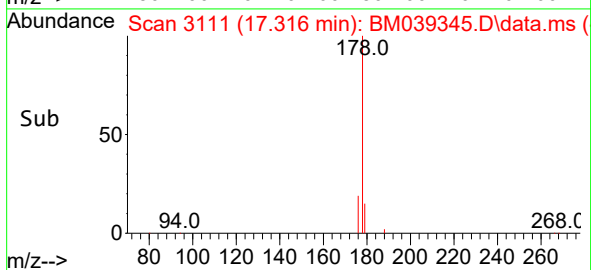
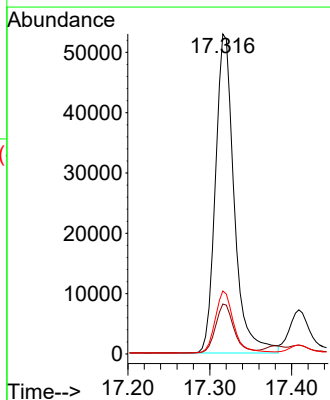
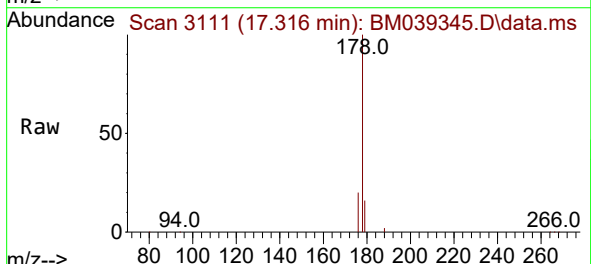
Manual Integrations
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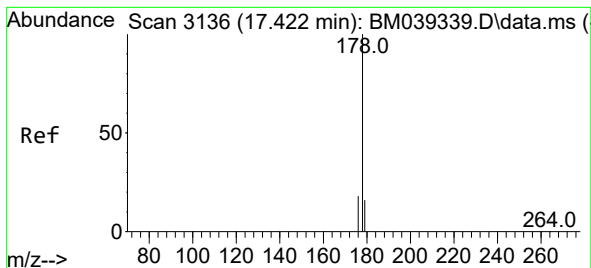
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#15
Phenanthrene
Concen: 0.979 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

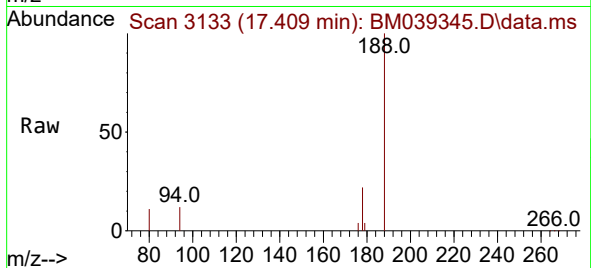
Tgt Ion:178 Resp: 84305
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 0.196 ng/ul
 RT: 17.409 min Scan# 3133
 Delta R.T. -0.009 min
 Lab File: BM039345.D
 Acq: 07 Apr 2023 09:29

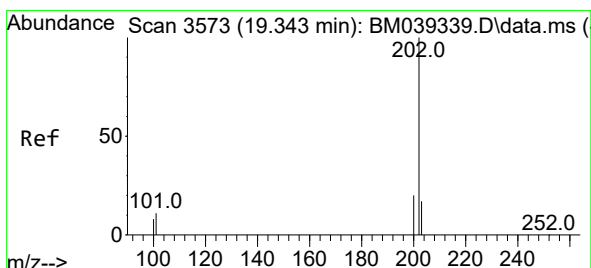
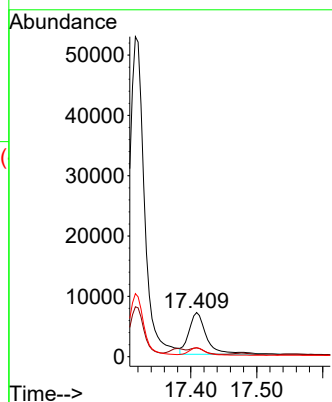
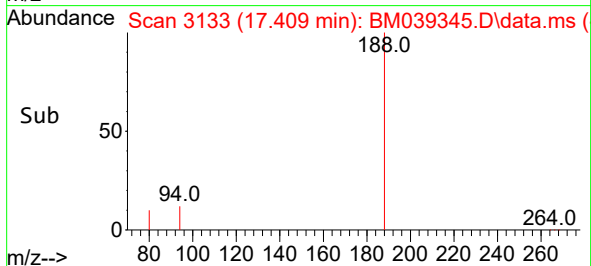
Instrument :
 BNA_M
 ClientSampleId :
 CB9C0



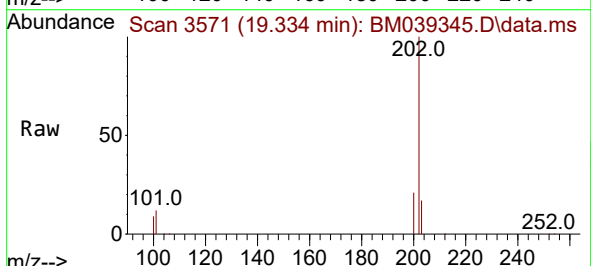
Tgt Ion:178 Resp: 12835
 Ion Ratio Lower Upper
 178 100
 179 20.0 14.6 21.8
 176 20.2 16.6 24.8

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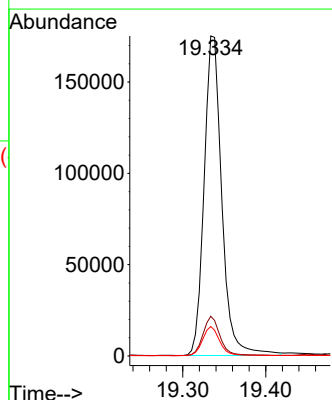
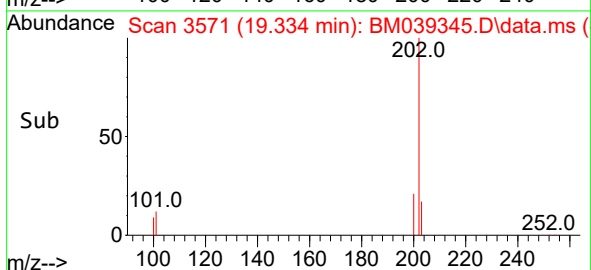
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023

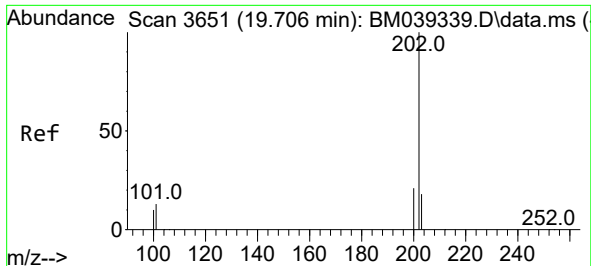


#19
 Fluoranthene
 Concen: 2.715 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.005 min
 Lab File: BM039345.D
 Acq: 07 Apr 2023 09:29



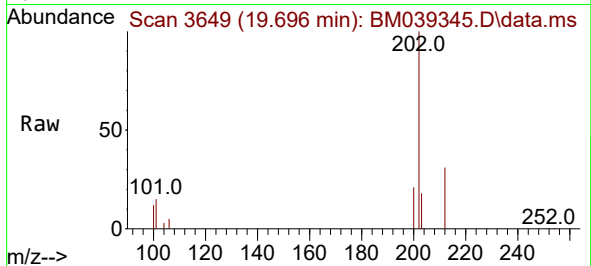
Tgt Ion:202 Resp: 260551
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.7 14.5
 100 9.2 7.4 11.0





#20
Pyrene
Concen: 1.556 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

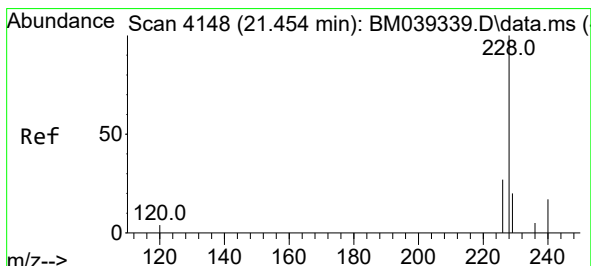
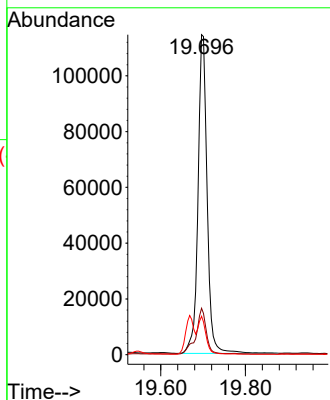
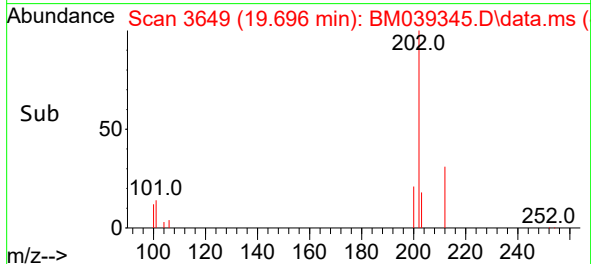
Instrument :
BNA_M
ClientSampleId :
CB9C0



Tgt Ion:202 Resp: 171195
Ion Ratio Lower Upper
202 100
101 14.5 11.1 16.7
100 12.0 8.8 13.2

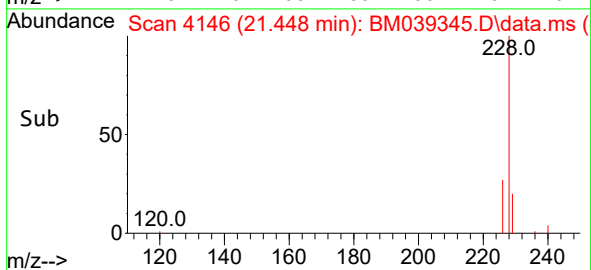
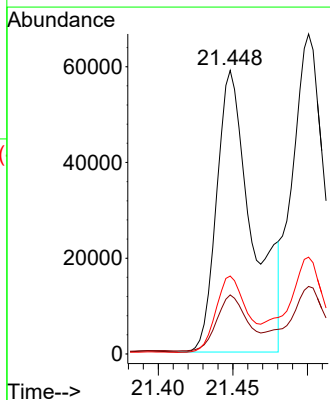
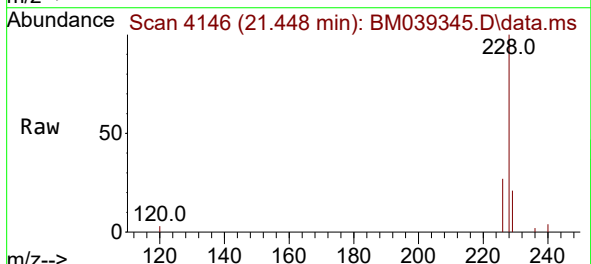
Manual Integrations
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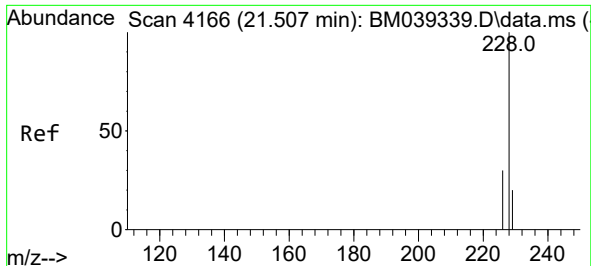
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#21
Benzo(a)anthracene
Concen: 1.812 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

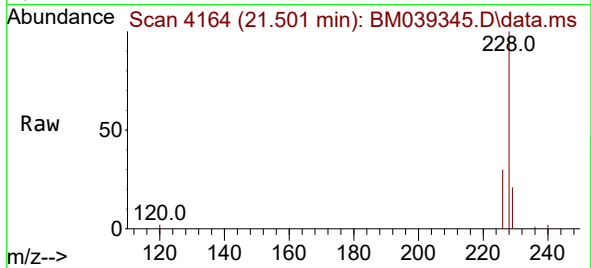
Tgt Ion:228 Resp: 96855
Ion Ratio Lower Upper
228 100
229 20.8 16.6 24.8
226 27.5 22.6 34.0





#22
Chrysene
Concen: 1.555 ng/ul
RT: 21.501 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

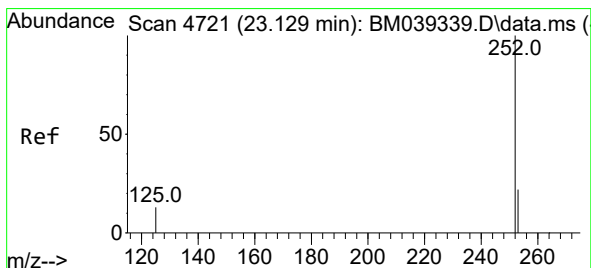
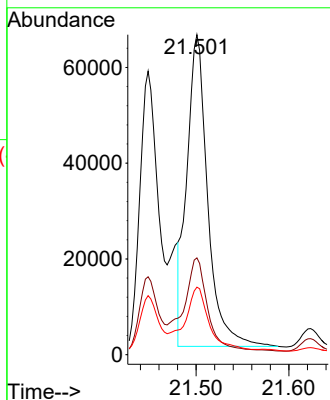
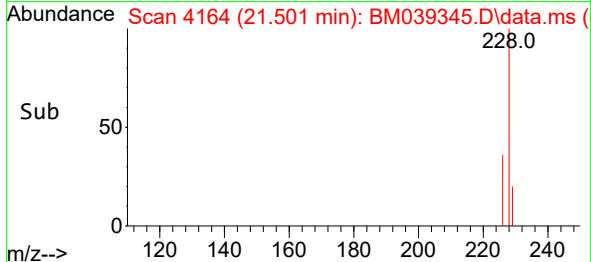
Instrument :
BNA_M
ClientSampleId :
CB9C0



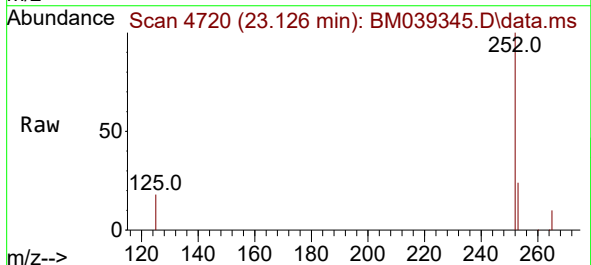
Tgt Ion:228 Resp: 101930
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.1 16.2 24.4

Manual Integrations
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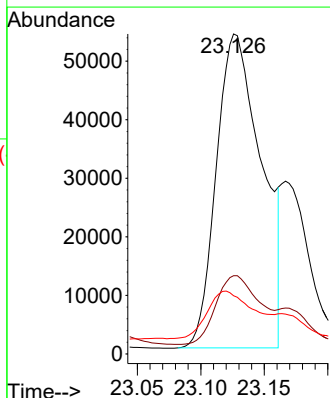
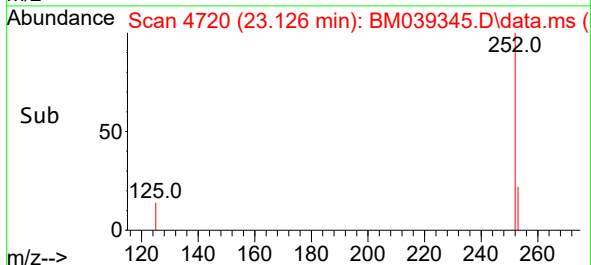
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

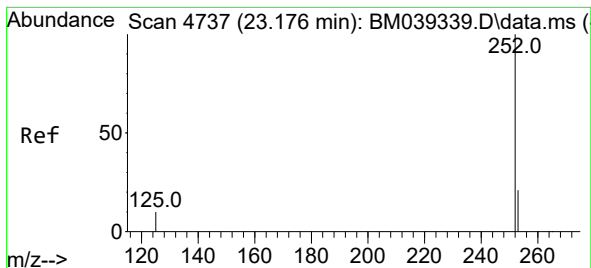


#24
Benzo(b)fluoranthene
Concen: 2.120 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29



Tgt Ion:252 Resp: 132998
Ion Ratio Lower Upper
252 100
253 24.5 0.0 64.4
125 18.2 0.0 50.4





#25

Benzo(k)fluoranthene

Concen: 0.750 ng/ul m

RT: 23.167 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM039345.D

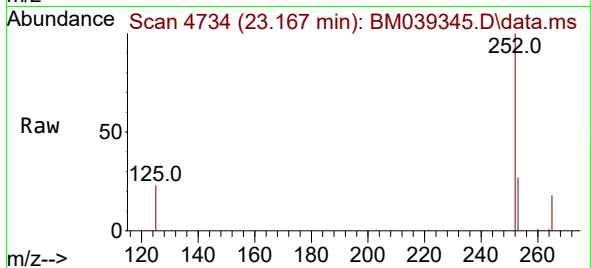
Acq: 07 Apr 2023 09:29

Instrument :

BNA_M

ClientSampleId :

CB9C0



Tgt Ion:252 Resp: 44854

Ion Ratio Lower Upper

252 100

253 26.5 25.5 38.3

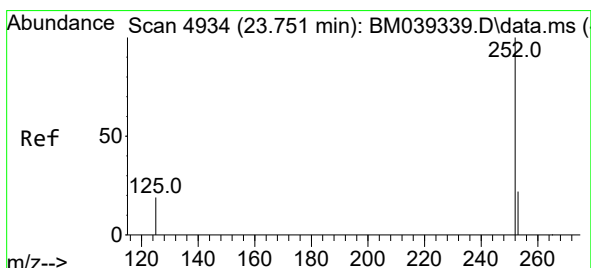
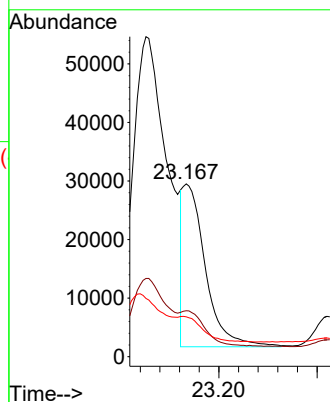
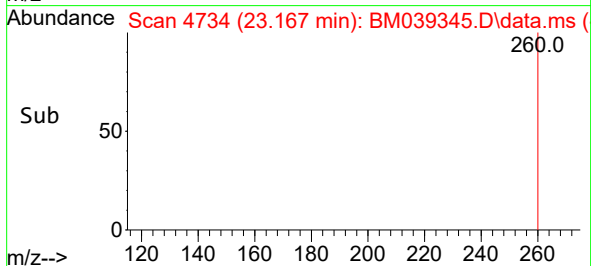
125 23.0 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#26

Benzo(a)pyrene

Concen: 0.541 ng/ul

RT: 23.746 min Scan# 4932

Delta R.T. -0.003 min

Lab File: BM039345.D

Acq: 07 Apr 2023 09:29

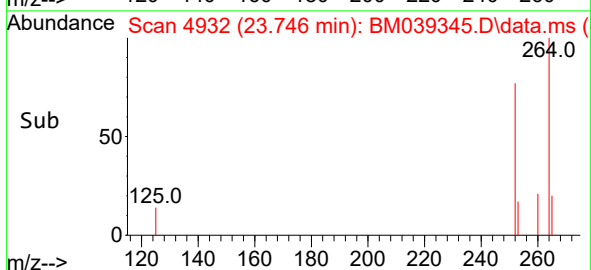
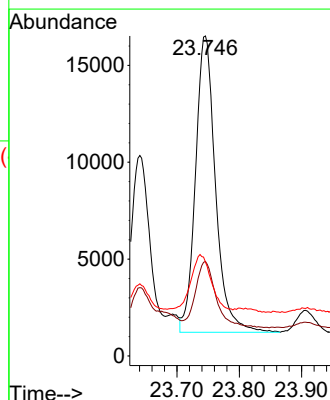
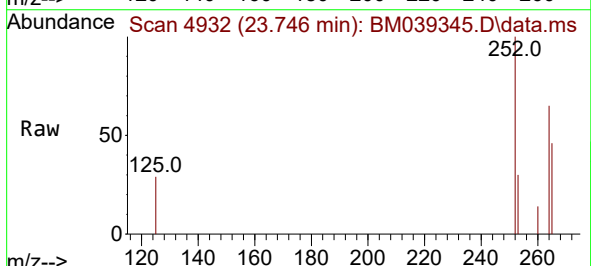
Tgt Ion:252 Resp: 34181

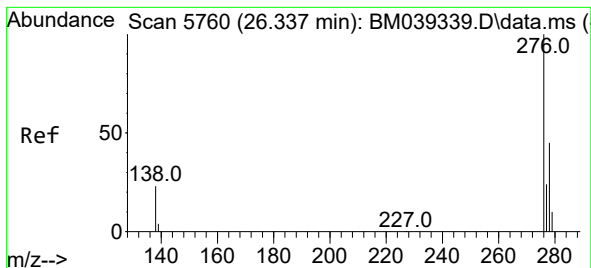
Ion Ratio Lower Upper

252 100

253 29.6 31.0 46.4#

125 29.3 28.2 42.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.327 min Scan# 5759

Delta R.T. -0.010 min

Lab File: BM039345.D

Acq: 07 Apr 2023 09:29

Instrument :

BNA_M

ClientSampleId :

CB9C0

Tgt Ion:276 Resp: 32992

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.0

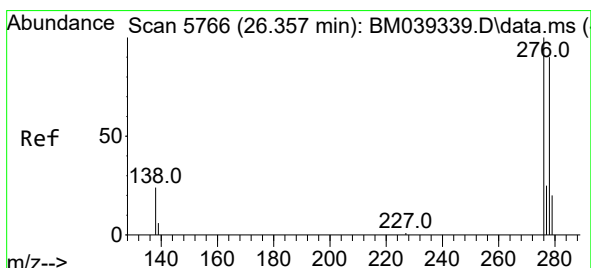
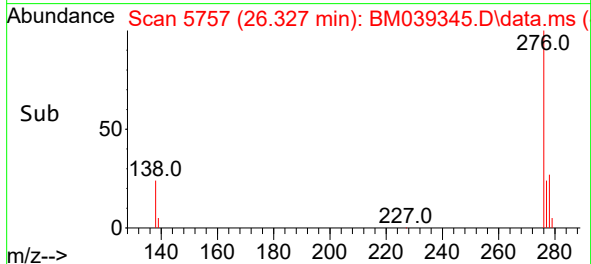
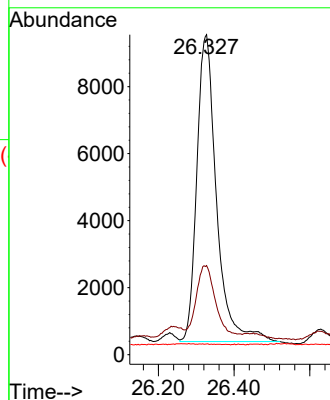
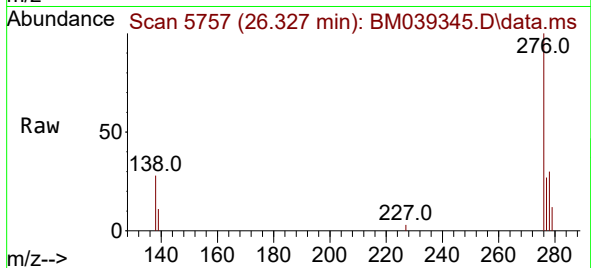
227 0.0 0.1 0.1

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 04/10/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.191 ng/ul

RT: 26.334 min Scan# 5759

Delta R.T. -0.020 min

Lab File: BM039345.D

Acq: 07 Apr 2023 09:29

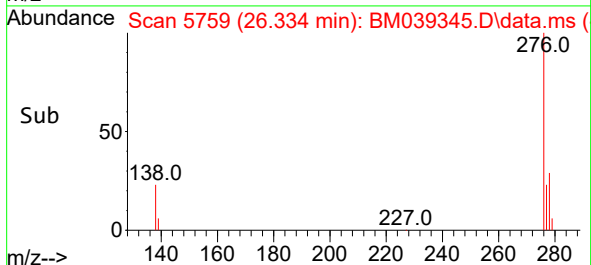
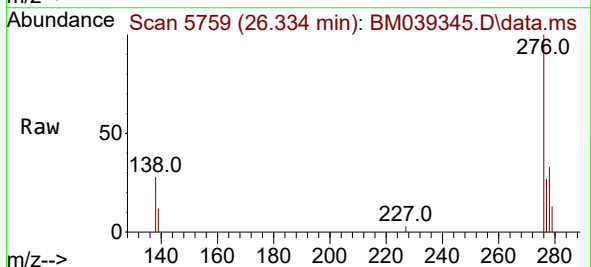
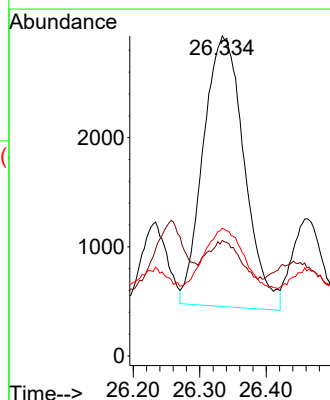
Tgt Ion:278 Resp: 10629

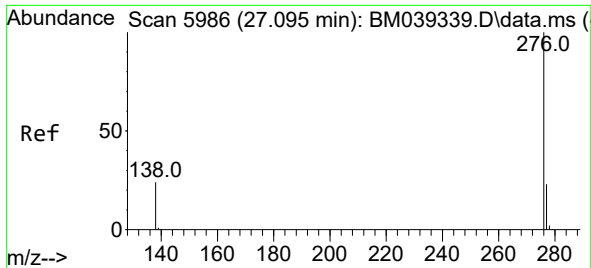
Ion Ratio Lower Upper

278 100

139 36.1 21.8 32.6

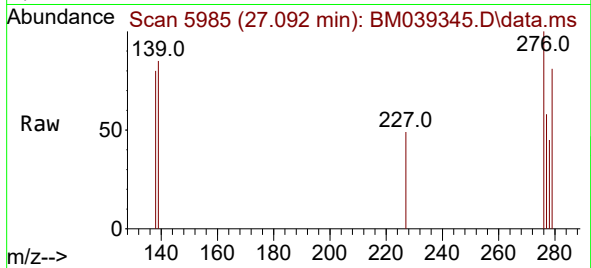
279 39.9 30.0 45.0





#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. 0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0



Tgt Ion:	276	Resp:	171
Ion	Ratio	Lower	Upper
276	100		
138	79.9	22.2	33.2
277	58.3	21.2	31.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

