

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039361.D
 Acq On : 07 Apr 2023 19:55
 Operator : CG/JU
 Sample : 02115-04DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 23:14:41 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	7.882	152	5986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.685	136	22794	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	13052	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	24475	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	16167	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	13811	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	5438	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	1126	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	2434	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.250	152	2742	0.054	ng/ul#	91
11) Acenaphthene	14.587	153	3492	0.088	ng/ul	99
12) Fluorene	15.577	166	3352	0.084	ng/ul#	97
15) Phenanthrene	17.316	178	81267	1.197	ng/ul	98
16) Anthracene	17.409	178	13419	0.260	ng/ul	98
19) Fluoranthene	19.334	202	221100	3.304	ng/ul	99
20) Pyrene	19.696	202	114303	1.490	ng/ul	99
21) Benzo(a)anthracene	21.448	228	74024	1.985	ng/ul	99
22) Chrysene	21.501	228	78998	1.728	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	110561	2.524	ng/ul	83
25) Benzo(k)fluoranthene	23.170	252	35601m	0.852	ng/ul	
26) Benzo(a)pyrene	23.748	252	18633	0.422	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.321	276	23846	0.429	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.334	278	9911	0.255	ng/ul	98
29) Benzo(g,h,i)perylene	27.082	276	1188	0.022	ng/ul#	15

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

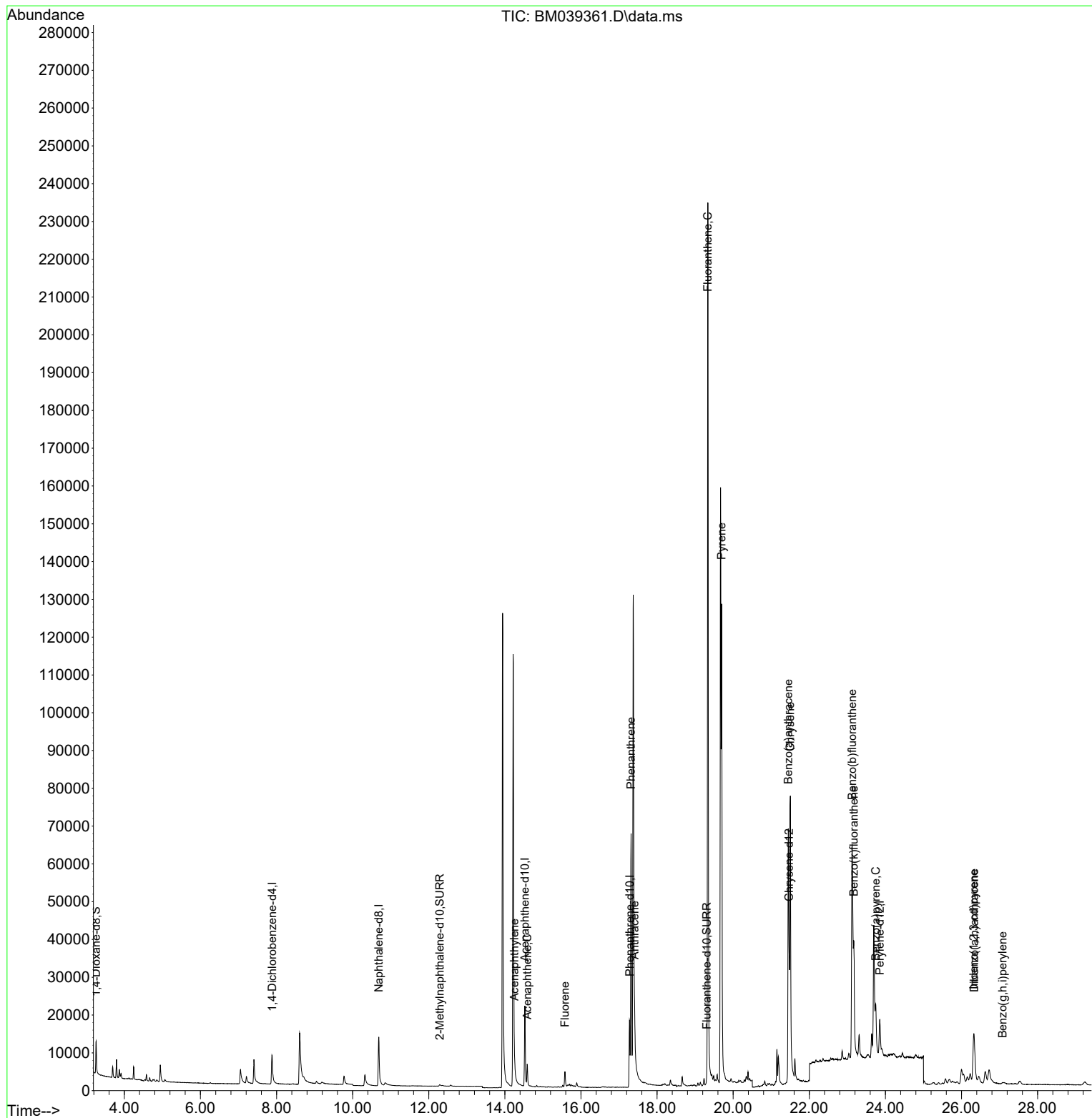
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039361.D
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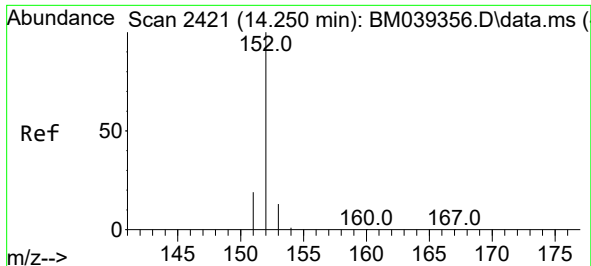
Instrument :
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Quant Time: Apr 07 23:14:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
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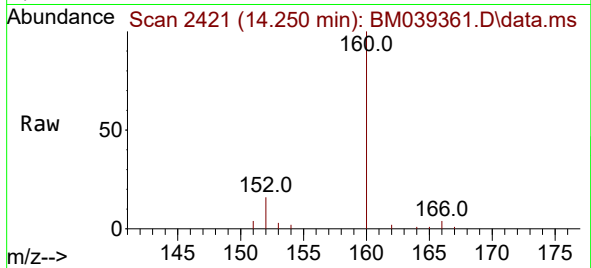
Reviewed By : Christian Giraldo 04/10/2023
Supervised By : Jagrut Upadhyay 04/10/2023





#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

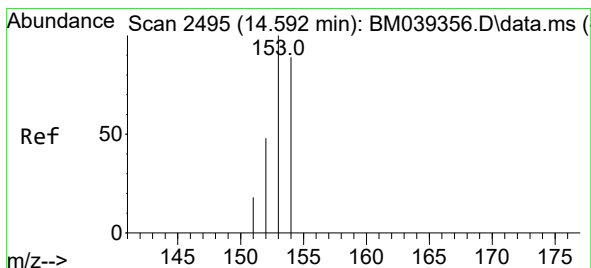
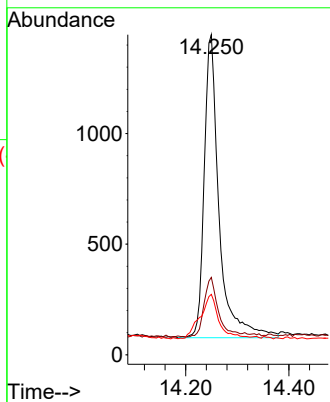
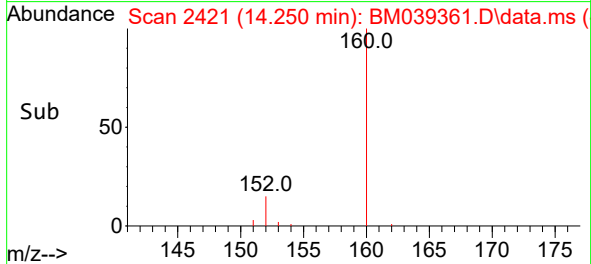
Instrument :
BNA_M
ClientSampleId :
CB9C2DL



Tgt Ion:152 Resp: 274
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.4
153 18.9 11.6 17.4

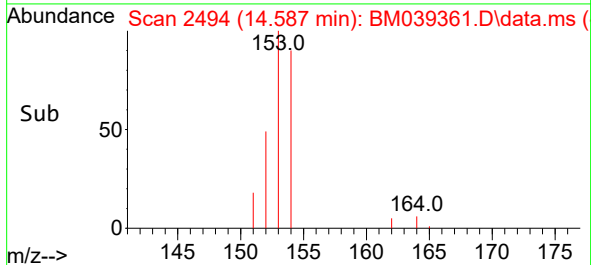
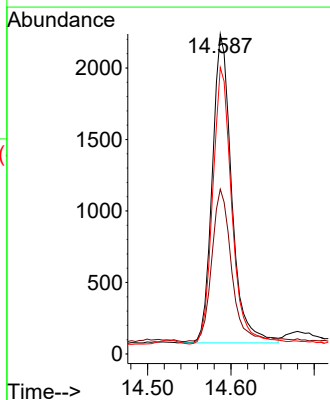
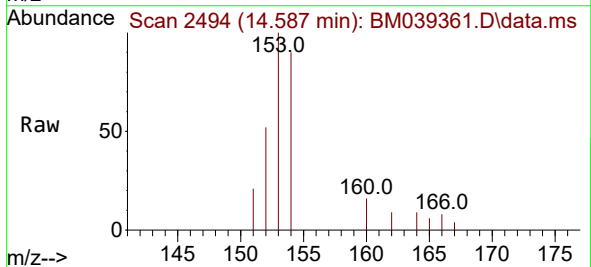
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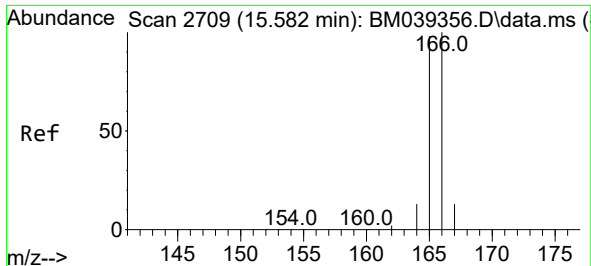
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#11
Acenaphthene
Concen: 0.088 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

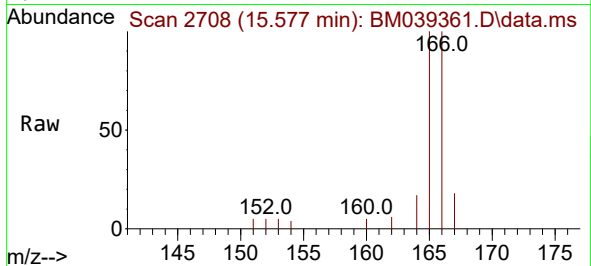
Tgt Ion:153 Resp: 3492
Ion Ratio Lower Upper
153 100
152 51.5 40.3 60.5
154 89.5 71.5 107.3





#12
Fluorene
Concen: 0.084 ng/ul
RT: 15.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

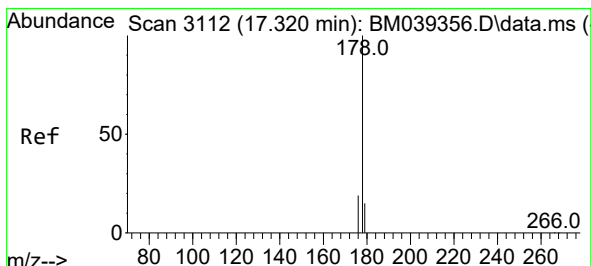
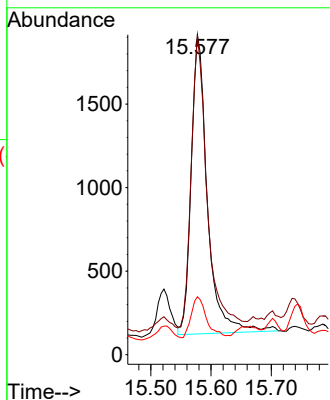
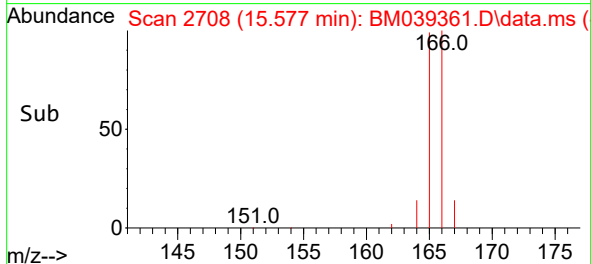
Instrument :
BNA_M
ClientSampleId :
CB9C2DL



Tgt Ion:166 Resp: 3352
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 18.1 11.8 17.6

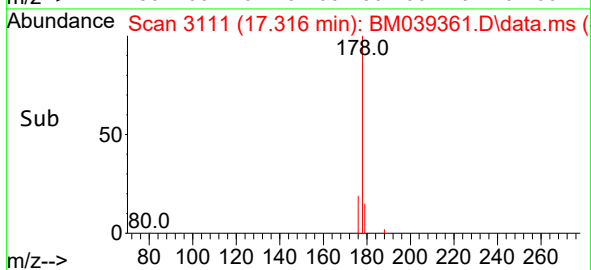
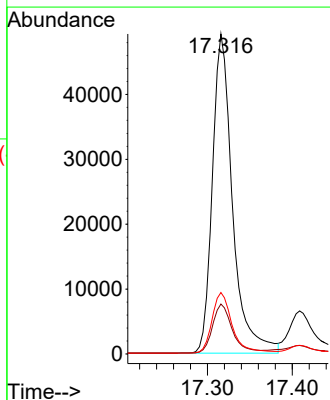
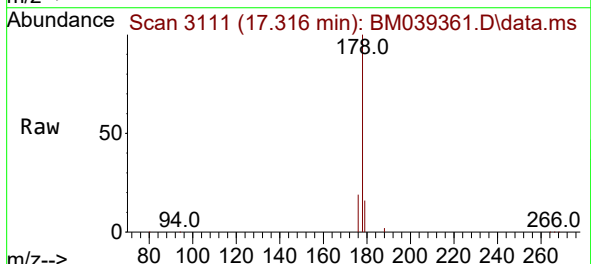
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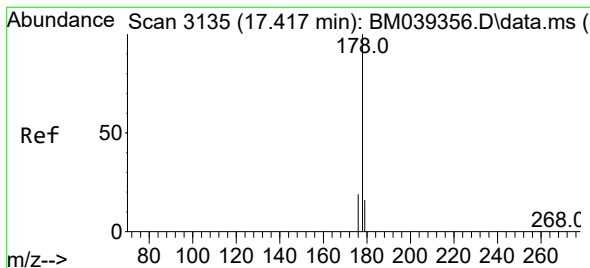
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#15
Phenanthrene
Concen: 1.197 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

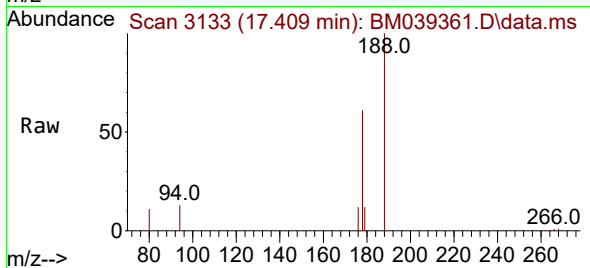
Tgt Ion:178 Resp: 81267
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.2 15.8 23.6





#16
 Anthracene
 Concen: 0.260 ng/ul
 RT: 17.409 min Scan# 3135
 Delta R.T. -0.009 min
 Lab File: BM039361.D
 Acq: 07 Apr 2023 19:55

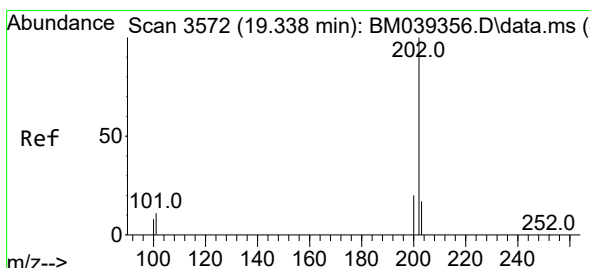
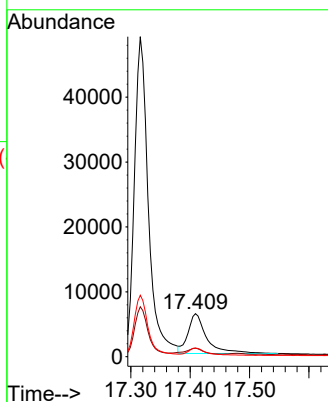
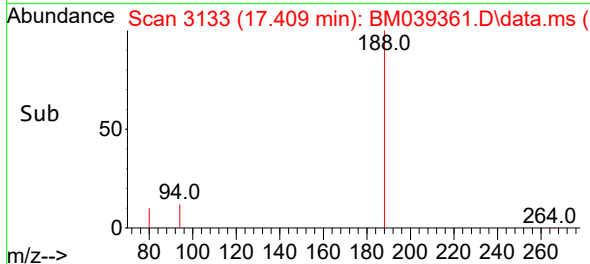
Instrument :
 BNA_M
 ClientSampleId :
 CB9C2DL



Tgt Ion:178 Resp: 13419
 Ion Ratio Lower Upper
 178 100
 179 19.7 14.6 21.8
 176 20.1 16.6 24.8

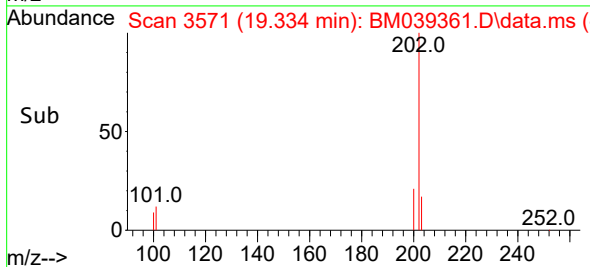
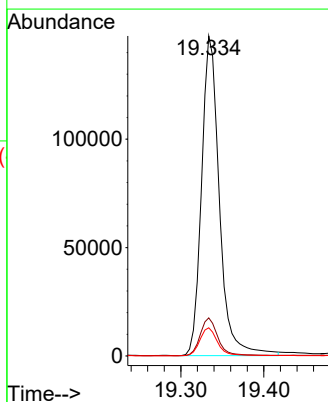
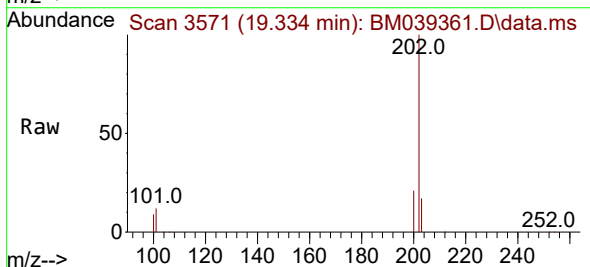
Manual Integrations
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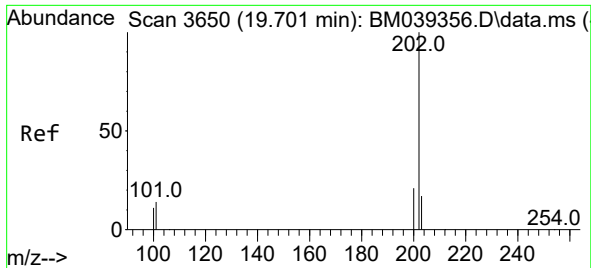
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#19
 Fluoranthene
 Concen: 3.304 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.005 min
 Lab File: BM039361.D
 Acq: 07 Apr 2023 19:55

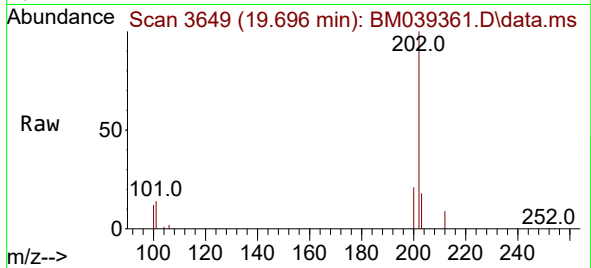
Tgt Ion:202 Resp: 221100
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.7 14.5
 100 8.8 7.4 11.0





#20
Pyrene
Concen: 1.490 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

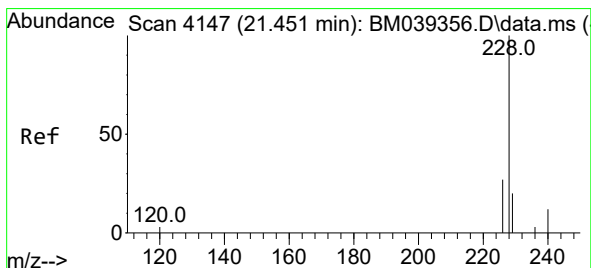
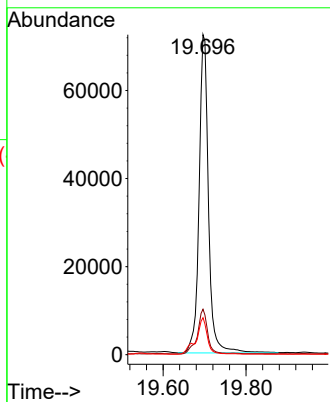
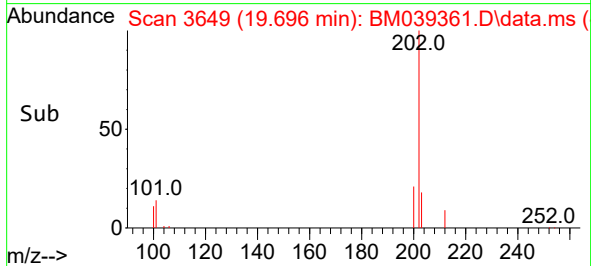
Instrument :
BNA_M
ClientSampleId :
CB9C2DL



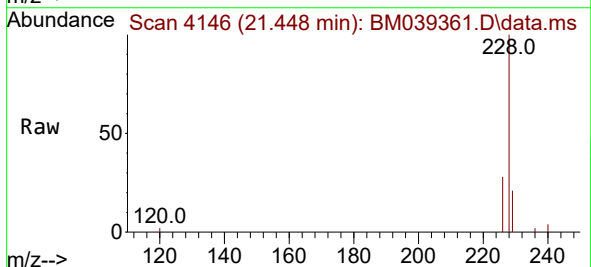
Tgt Ion:202 Resp: 11430
Ion Ratio Lower Upper
202 100
101 14.2 11.1 16.7
100 11.5 8.8 13.2

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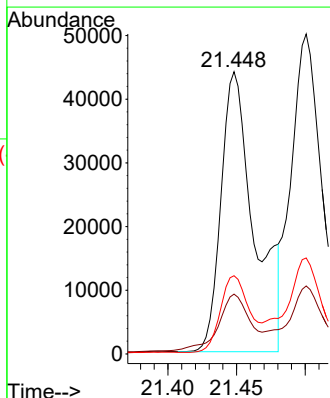
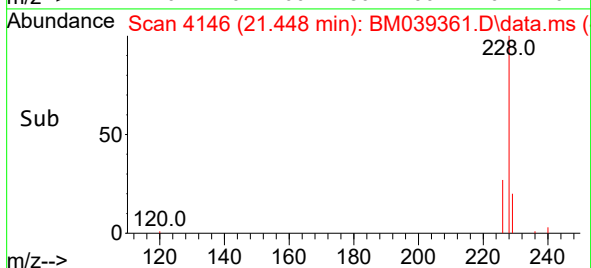
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

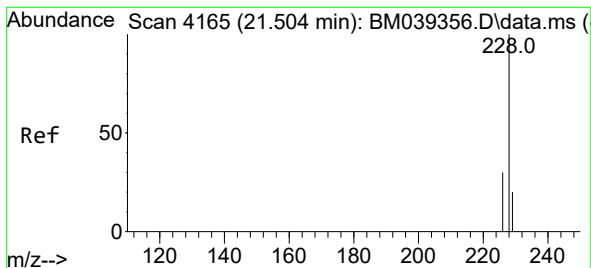


#21
Benzo(a)anthracene
Concen: 1.985 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55



Tgt Ion:228 Resp: 74024
Ion Ratio Lower Upper
228 100
229 21.2 16.6 24.8
226 27.7 22.6 34.0





#22

Chrysene

Concen: 1.728 ng/ul

RT: 21.501 min Scan# 4165

Delta R.T. -0.003 min

Lab File: BM039361.D

Acq: 07 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

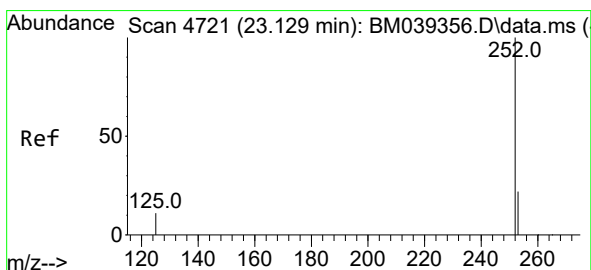
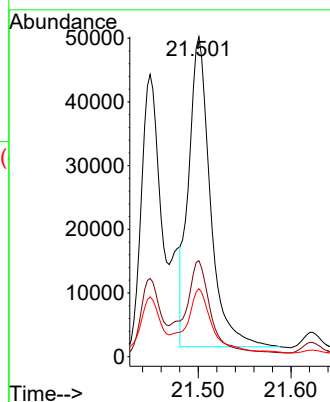
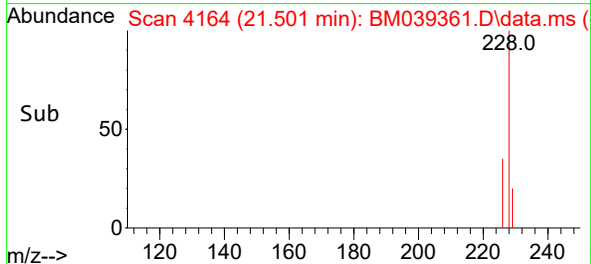
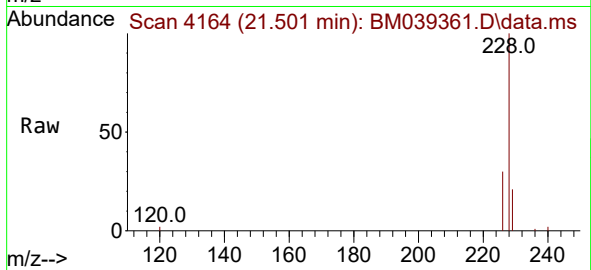
CB9C2DL

Tgt Ion:228	Resp:	78998
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.2 36.2
229	21.3	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: 2.524 ng/ul

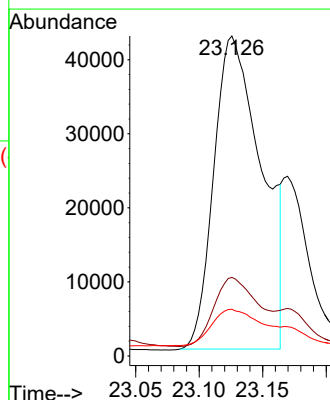
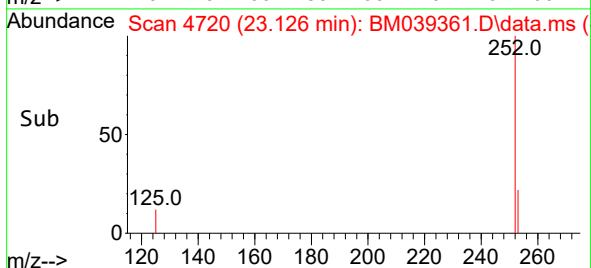
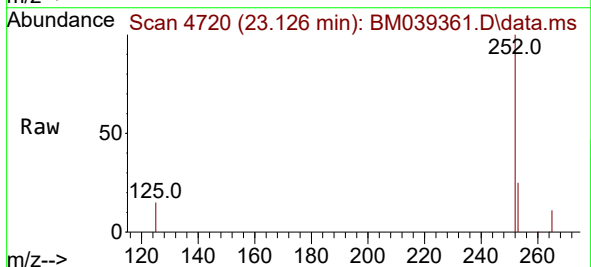
RT: 23.126 min Scan# 4720

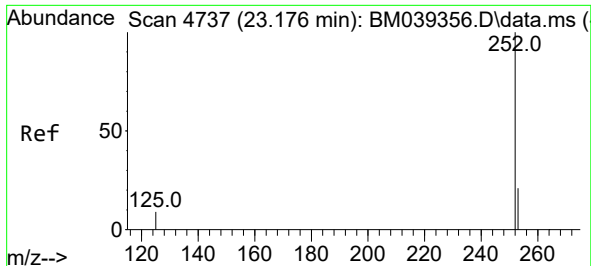
Delta R.T. -0.003 min

Lab File: BM039361.D

Acq: 07 Apr 2023 19:55

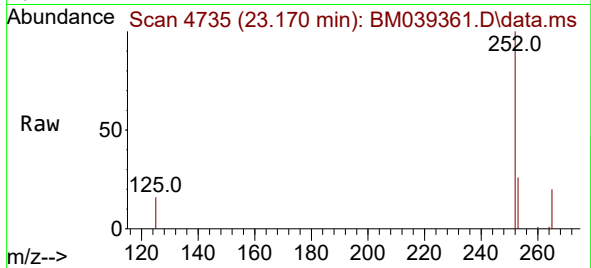
Tgt Ion:252	Resp:	110561
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 64.4
125	14.6	0.0 50.4





#25
Benzo(k)fluoranthene
Concen: 0.852 ng/ul m
RT: 23.170 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

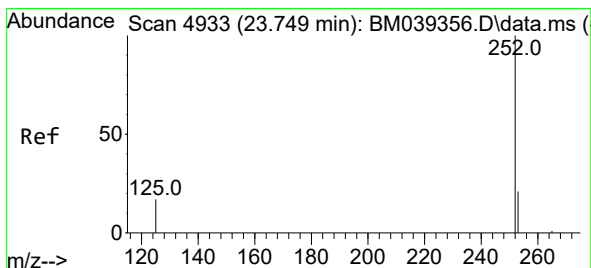
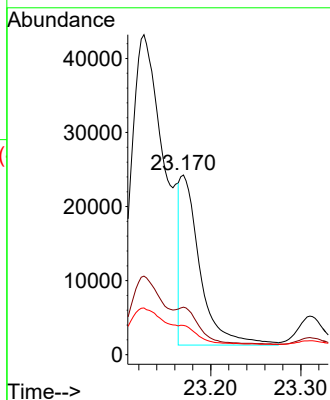
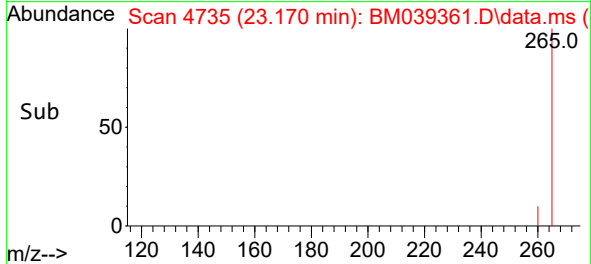
Instrument :
BNA_M
ClientSampleId :
CB9C2DL



Tgt Ion:252 Resp: 3560
Ion Ratio Lower Upper
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253 26.4 25.5 38.3
125 16.3 20.4 30.6

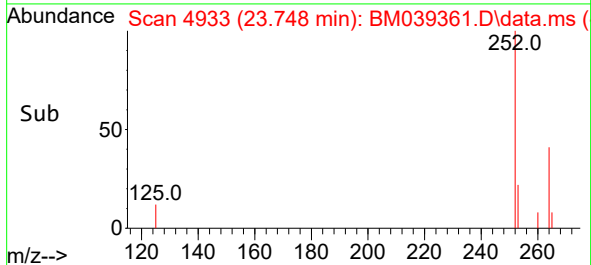
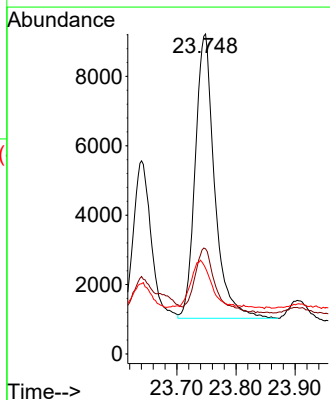
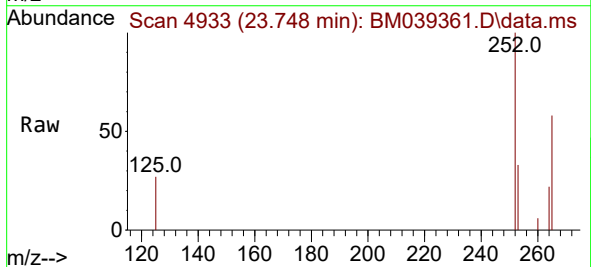
Manual Integrations
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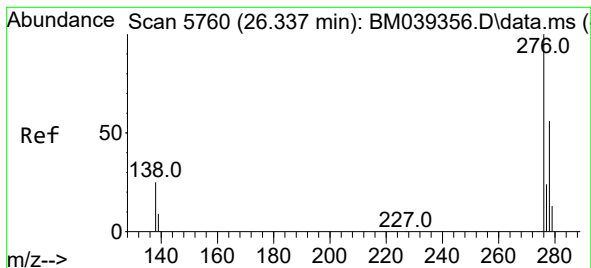
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.748 min Scan# 4933
Delta R.T. -0.000 min
Lab File: BM039361.D
Acq: 07 Apr 2023 19:55

Tgt Ion:252 Resp: 18633
Ion Ratio Lower Upper
252 100
253 32.9 31.0 46.4
125 26.8 28.2 42.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng/ul

RT: 26.321 min Scan# 5755

Delta R.T. -0.016 min

Lab File: BM039361.D

Acq: 07 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

CB9C2DL

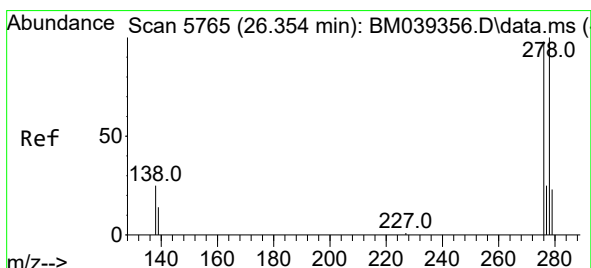
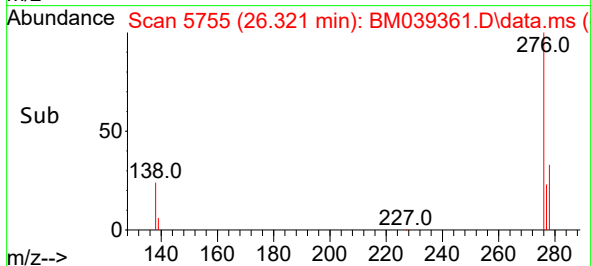
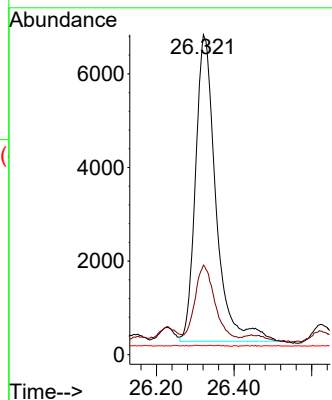
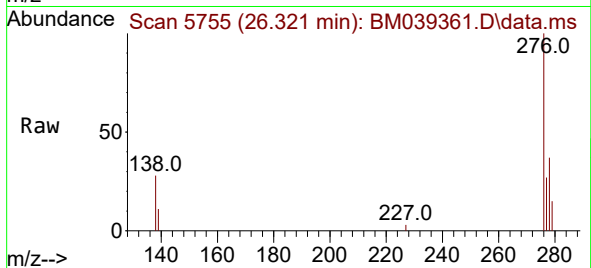
Tgt Ion:	276	Resp:	2384
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.4	32.0
227	0.0	0.1	0.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/10/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.255 ng/ul

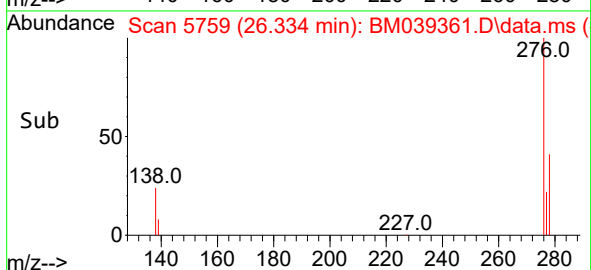
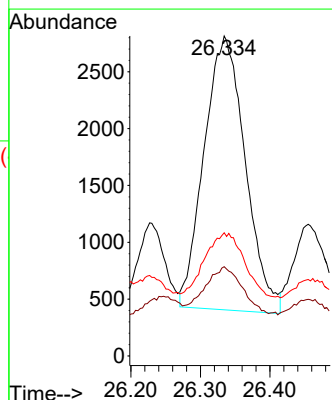
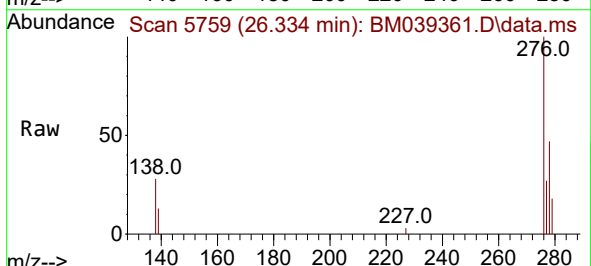
RT: 26.334 min Scan# 5759

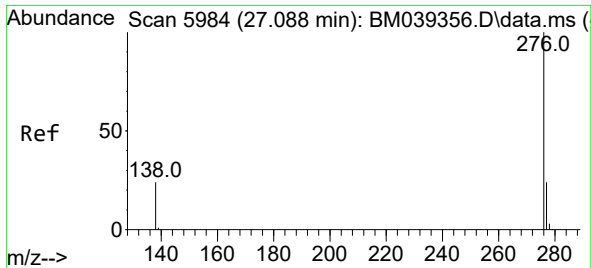
Delta R.T. -0.020 min

Lab File: BM039361.D

Acq: 07 Apr 2023 19:55

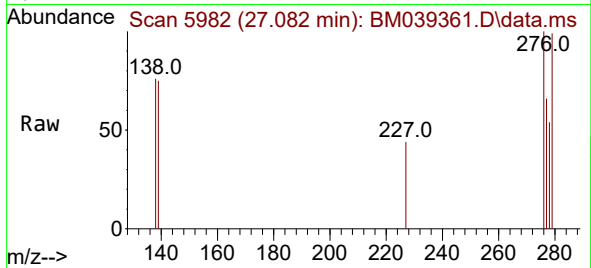
Tgt Ion:	278	Resp:	9911
Ion Ratio	Lower	Upper	
278	100		
139	27.9	21.8	32.6
279	38.5	30.0	45.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 27.082 min Scan# 5984
 Delta R.T. -0.006 min
 Lab File: BM039361.D
 Acq: 07 Apr 2023 19:55

Instrument :
 BNA_M
 ClientSampleId :
 CB9C2DL



Tgt Ion:276 Resp: 1188
 Ion Ratio Lower Upper
 276 100
 138 76.3 22.2 33.2
 277 65.7 21.2 31.8

Manual Integrations
 APPROVED

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

