

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039359.D
 Acq On : 07 Apr 2023 18:42
 Operator : CG/JU
 Sample : 02115-02DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C0DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 23:14:21 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	5917	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.686	136	22444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	12863	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	23574	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	14375	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	13060	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	4645	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	996	0.038	ng/ul	0.01
18) Fluoranthene-d10	19.306	212	2167	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.320	178	14385	0.220	ng/ul	100
16) Anthracene	17.409	178	2300	0.046	ng/ul#	82
19) Fluoranthene	19.338	202	41106	0.691	ng/ul	98
20) Pyrene	19.696	202	27883	0.409	ng/ul	98
21) Benzo(a)anthracene	21.451	228	12836	0.387	ng/ul	97
22) Chrysene	21.504	228	13600	0.335	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	20898	0.504	ng/ul	95
25) Benzo(k)fluoranthene	23.170	252	7579m	0.192	ng/ul	
26) Benzo(a)pyrene	23.746	252	5364	0.128	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.327	276	6029	0.115	ng/ul	90
28) Dibenzo(a,h)anthracene	26.344	278	1892	0.051	ng/ul#	30

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

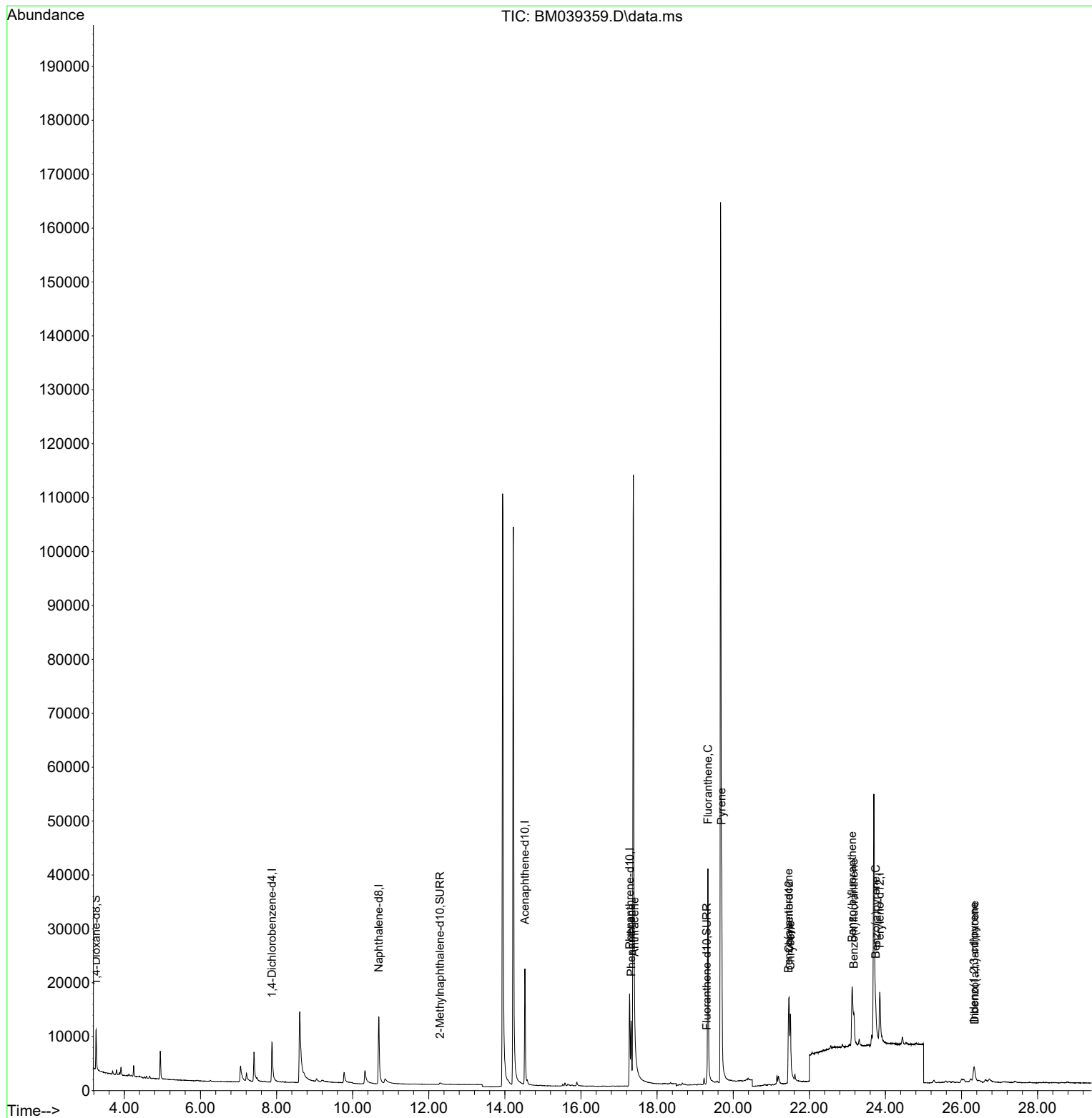
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039359.D
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ALS Vial : 54 Sample Multiplier: 1

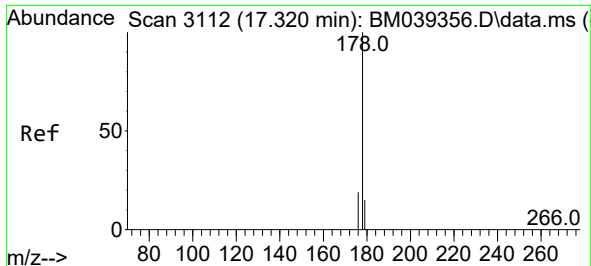
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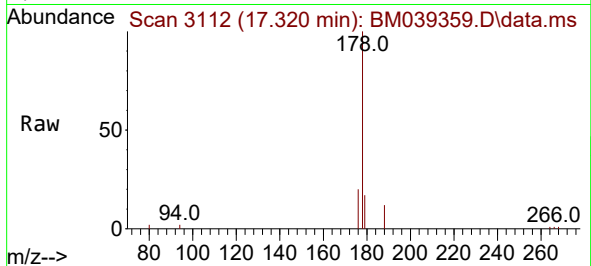
Quant Time: Apr 07 23:14:21 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.220 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

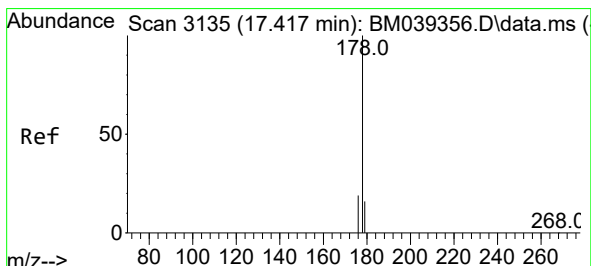
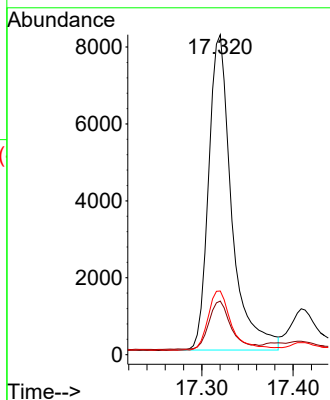
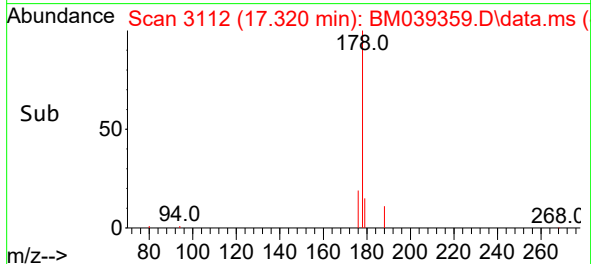
Instrument :
BNA_M
ClientSampleId :
CB9C0DL



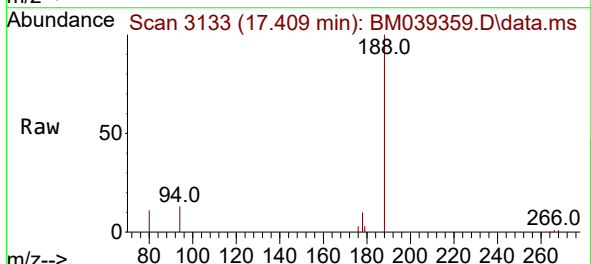
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Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 19.9 15.8 23.6

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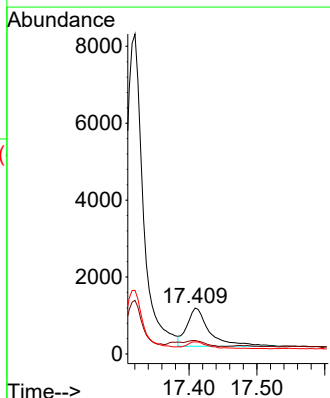
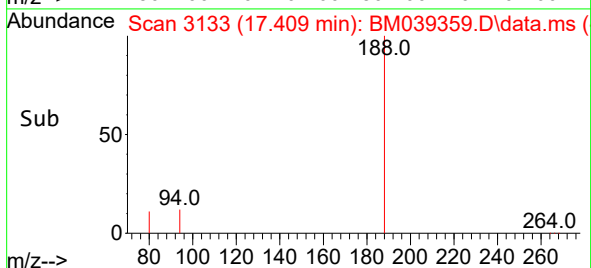
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

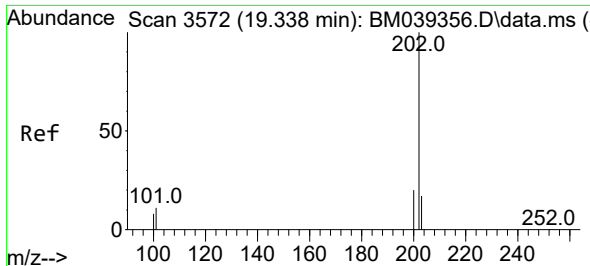


#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42



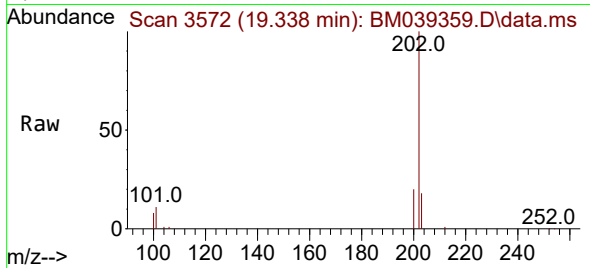
Tgt Ion:178 Resp: 2300
Ion Ratio Lower Upper
178 100
179 29.4 14.6 21.8#
176 25.9 16.6 24.8#





#19
Fluoranthene
Concen: 0.691 ng/u1
RT: 19.338 min Scan# 3572
Delta R.T. 0.000 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

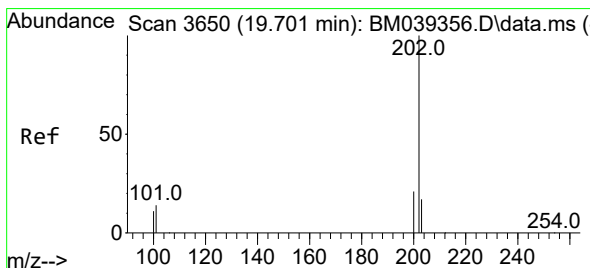
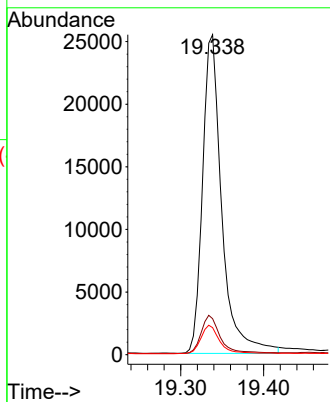
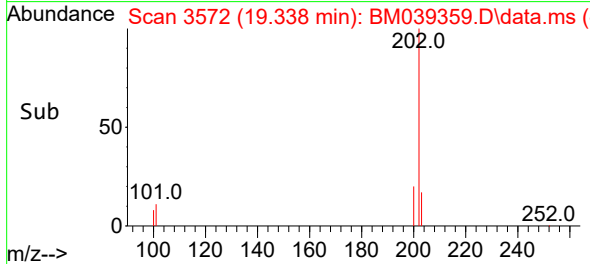
Instrument :
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ClientSampleId :
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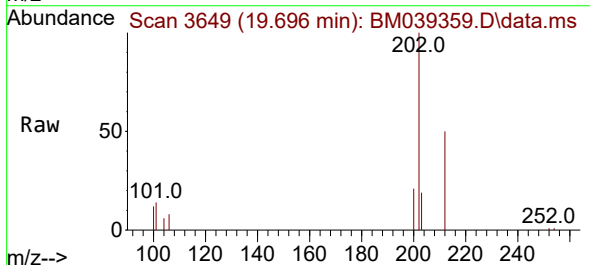
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Ion Ratio Lower Upper
202 100
101 11.2 9.7 14.5
100 8.4 7.4 11.0

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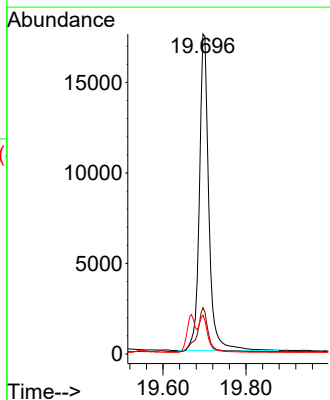
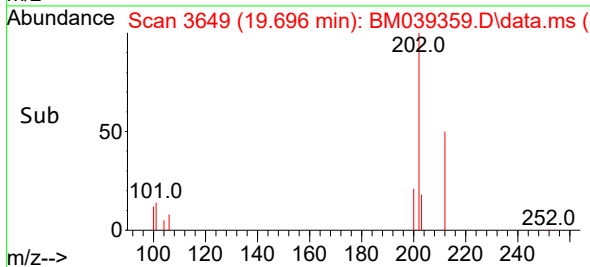
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Supervised By :Jagrut Upadhyay 04/10/2023

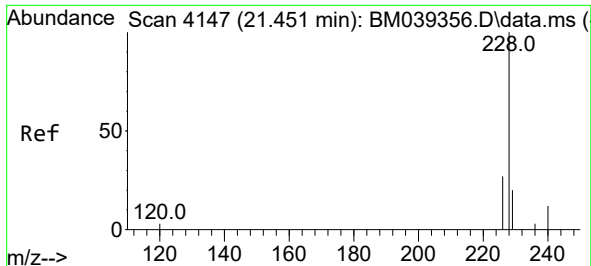


#20
Pyrene
Concen: 0.409 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42



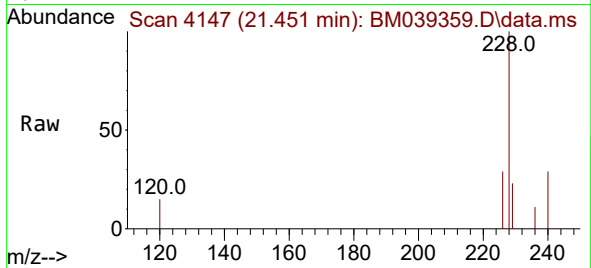
Tgt Ion:202 Resp: 27883
Ion Ratio Lower Upper
202 100
101 14.4 11.1 16.7
100 12.1 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

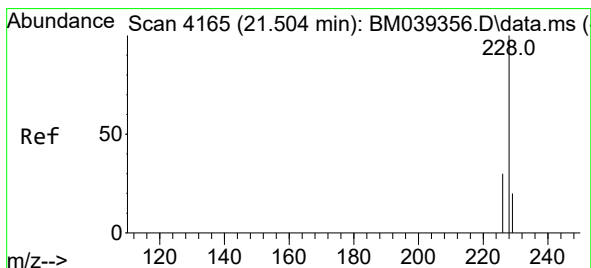
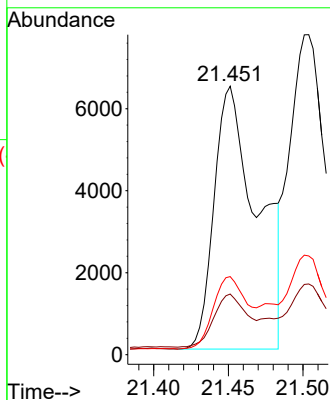
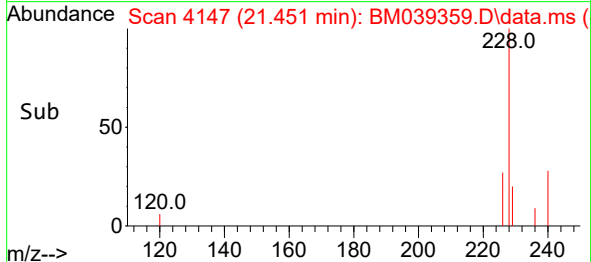
Instrument :
BNA_M
ClientSampleId :
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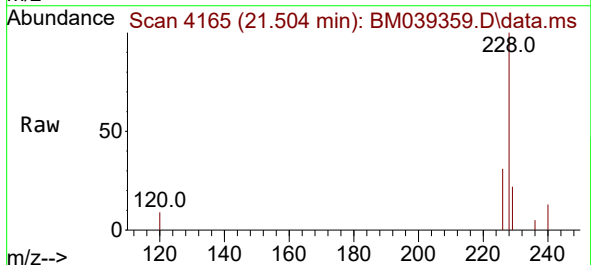
Tgt Ion:228 Resp: 12830
Ion Ratio Lower Upper
228 100
229 22.6 16.6 24.8
226 29.1 22.6 34.0

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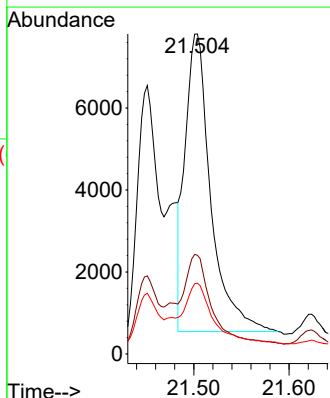
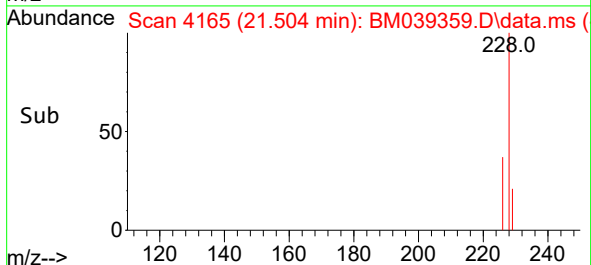
Reviewed By :Christian Giraldo 04/10/2023
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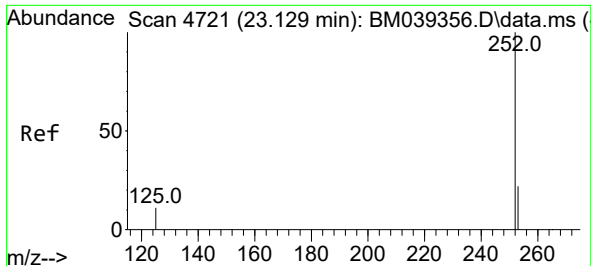


#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42



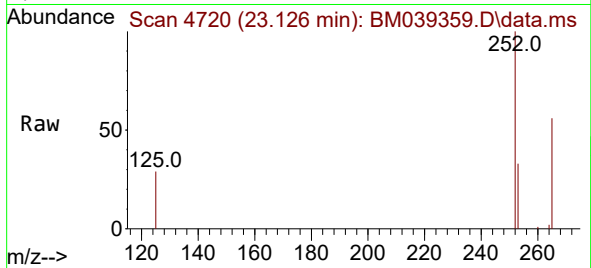
Tgt Ion:228 Resp: 13600
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 22.1 16.2 24.4





#24
Benzo(b)fluoranthene
Concen: 0.504 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

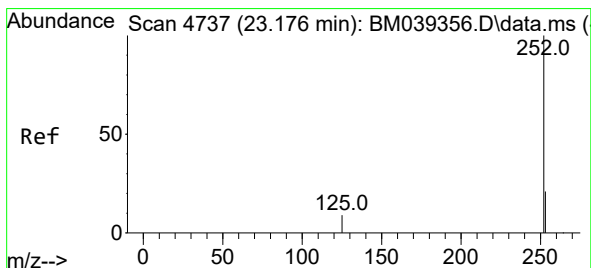
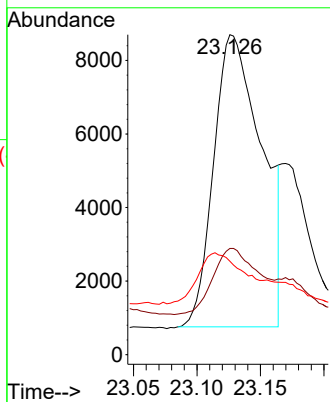
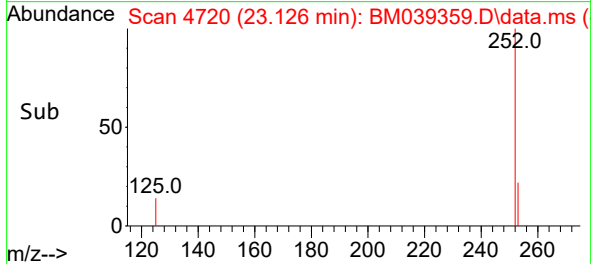
Instrument :
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ClientSampleId :
CB9C0DL



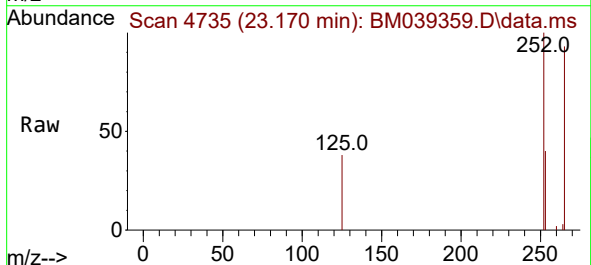
Tgt Ion:252 Resp: 20898
Ion Ratio Lower Upper
252 100
253 33.2 0.0 64.4
125 29.2 0.0 50.4

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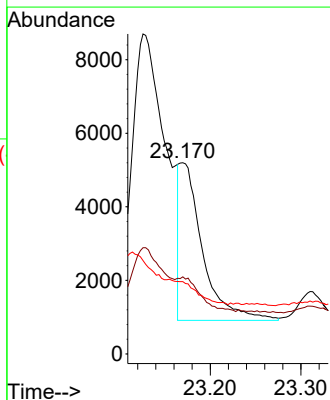
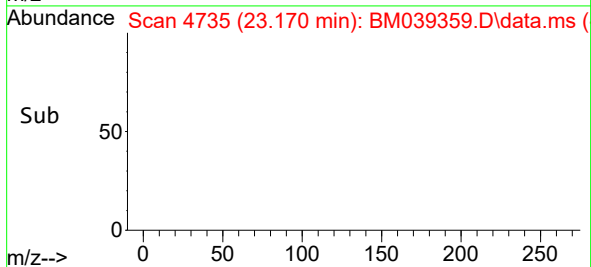
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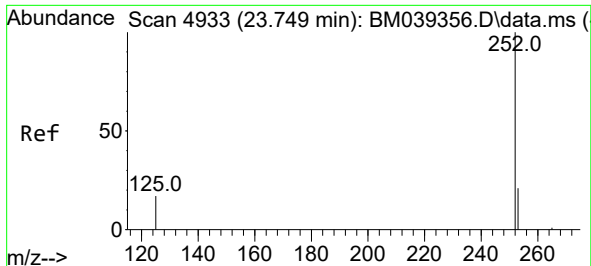


#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42



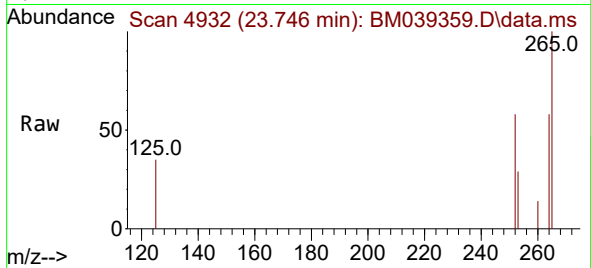
Tgt Ion:252 Resp: 7579
Ion Ratio Lower Upper
252 100
253 40.3 25.5 38.3#
125 37.8 20.4 30.6#





#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.003 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

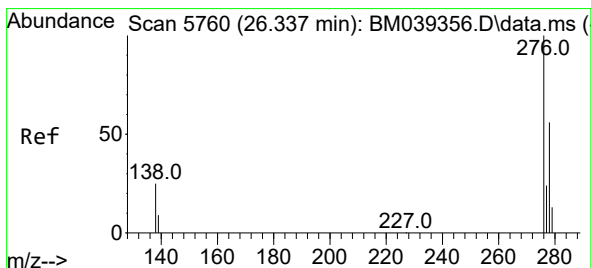
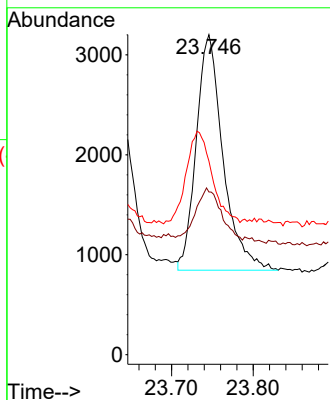
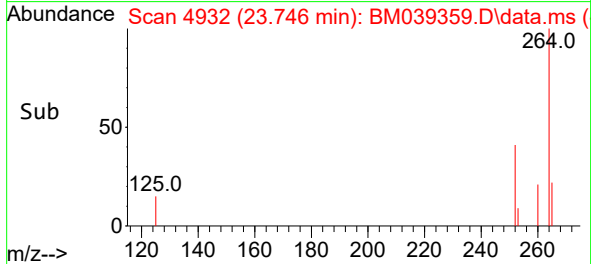
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Tgt Ion:252 Resp: 5364
Ion Ratio Lower Upper
252 100
253 50.9 31.0 46.4
125 60.5 28.2 42.4

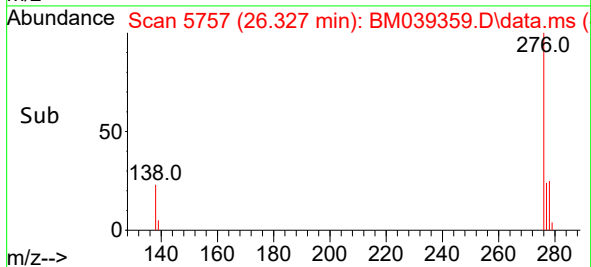
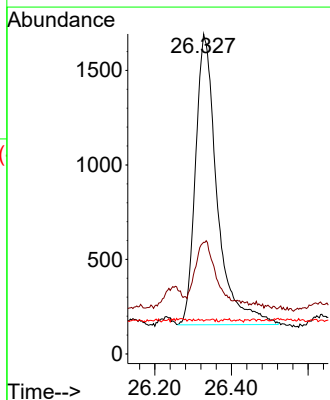
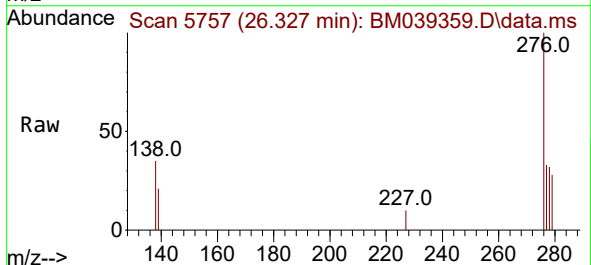
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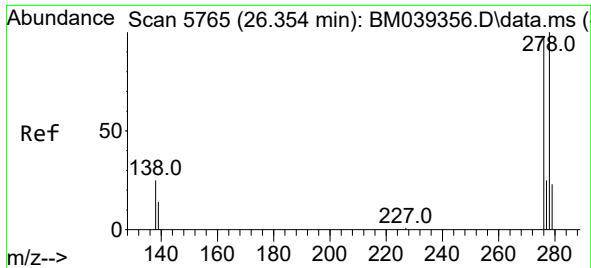
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM039359.D
Acq: 07 Apr 2023 18:42

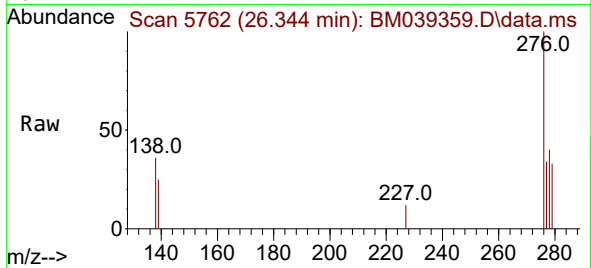
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Ion Ratio Lower Upper
276 100
138 21.7 21.4 32.0
227 0.1 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 26.344 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM039359.D
 Acq: 07 Apr 2023 18:42

Instrument :
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Tgt Ion:278 Resp: 1892
 Ion Ratio Lower Upper
 278 100
 139 61.4 21.8 32.6
 279 81.6 30.0 45.0

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