

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039362.D
 Acq On : 07 Apr 2023 20:32
 Operator : CG/JU
 Sample : 02115-05DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C7DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 23:14:54 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	5159	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.685	136	19360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	11295	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	20704	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	12932	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	11634	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3810	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	728	0.033	ng/ul	0.01
18) Fluoranthene-d10	19.306	212	1589	0.039	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.316	178	9206	0.160	ng/ul	Qvalue 97
16) Anthracene	17.409	178	1641	0.038	ng/ul#	73
19) Fluoranthene	19.338	202	23846	0.445	ng/ul	99
20) Pyrene	19.696	202	20806	0.339	ng/ul	97
21) Benzo(a)anthracene	21.451	228	7434	0.249	ng/ul	94
22) Chrysene	21.504	228	7864	0.215	ng/ul	96
24) Benzo(b)fluoranthene	23.129	252	12620	0.342	ng/ul	85
25) Benzo(k)fluoranthene	23.167	252	4867m	0.138	ng/ul	
26) Benzo(a)pyrene	23.746	252	5477	0.147	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.327	276	5210	0.111	ng/ul	92
28) Dibenzo(a,h)anthracene	26.340	278	1185	0.036	ng/ul#	1

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

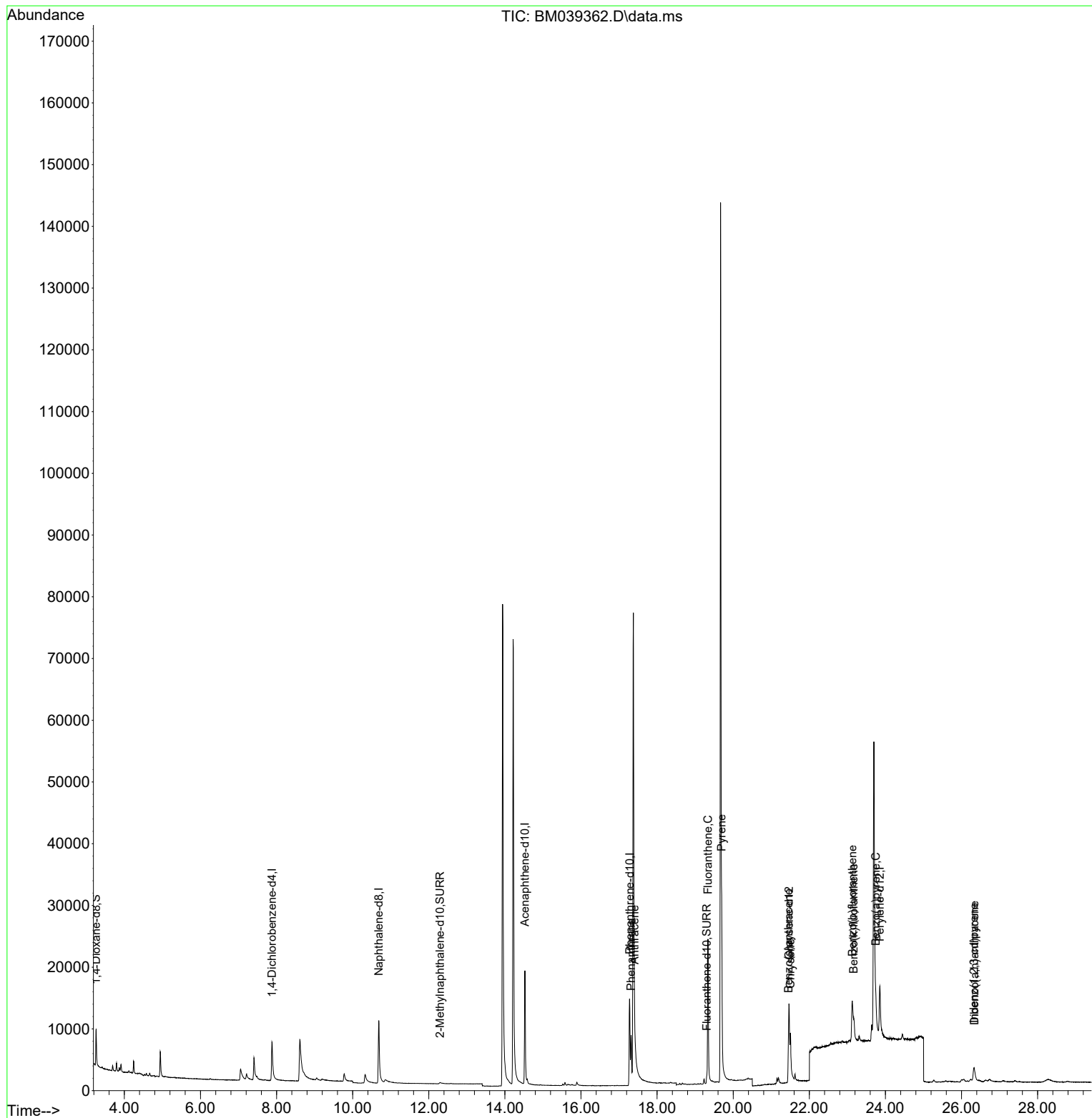
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039362.D
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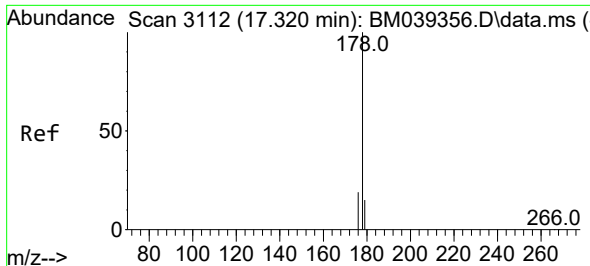
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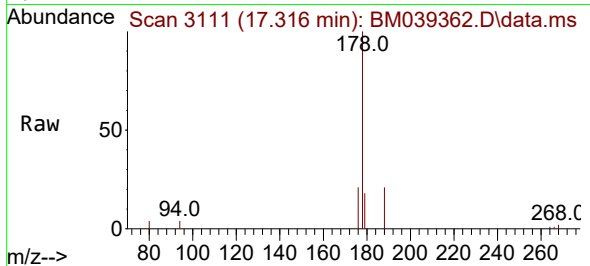
Quant Time: Apr 07 23:14:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.160 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

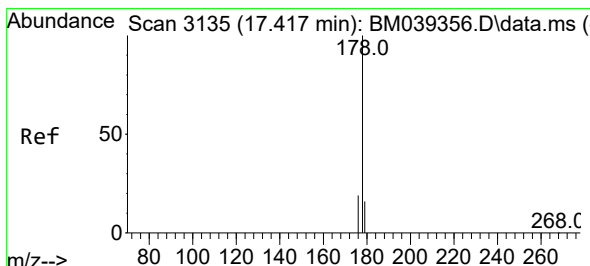
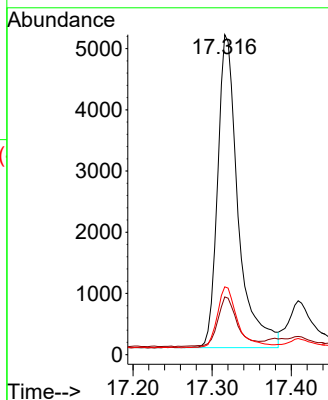
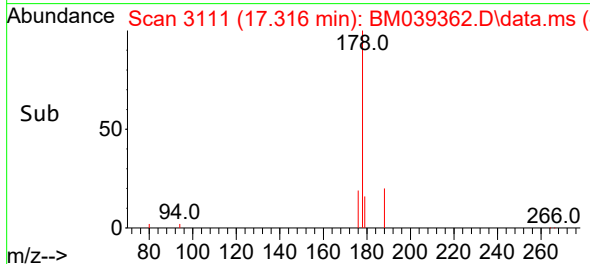
Instrument :
BNA_M
ClientSampleId :
CB9C7DL



Tgt Ion:178 Resp: 9200
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.2
176 21.2 15.8 23.6

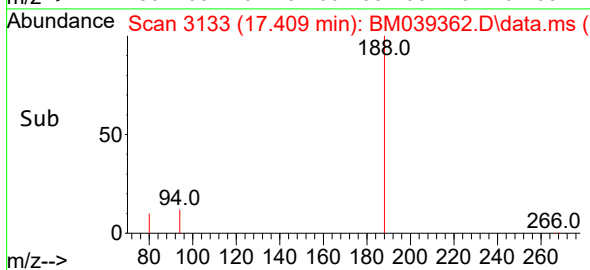
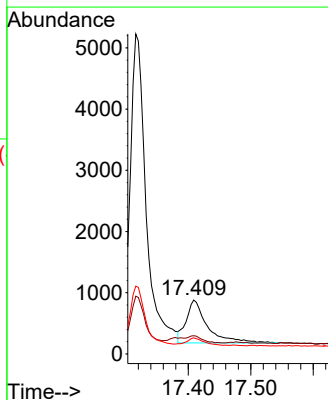
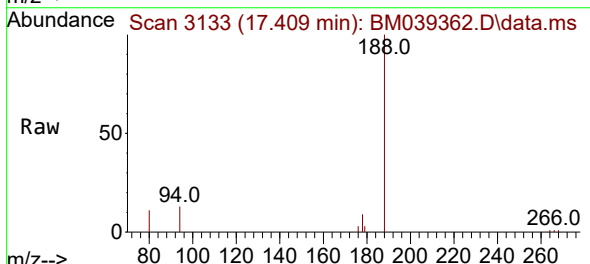
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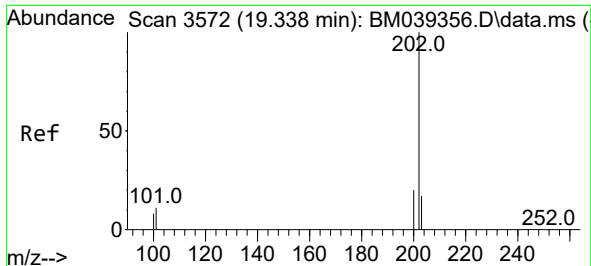
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

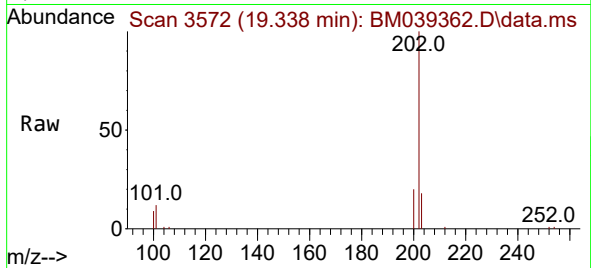
Tgt Ion:178 Resp: 1641
Ion Ratio Lower Upper
178 100
179 33.7 14.6 21.8#
176 29.9 16.6 24.8#





#19
Fluoranthene
Concen: 0.445 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.000 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

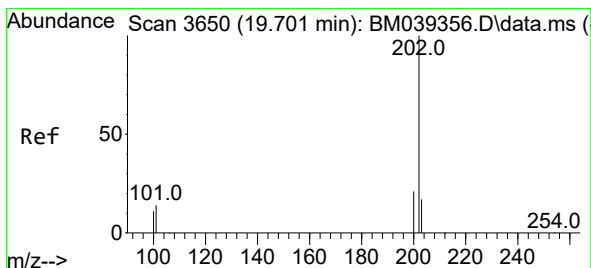
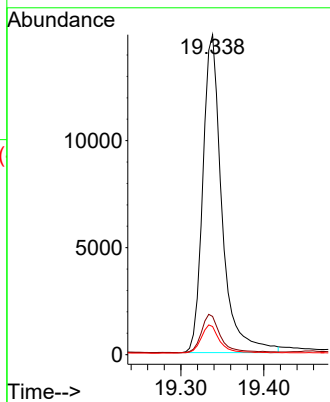
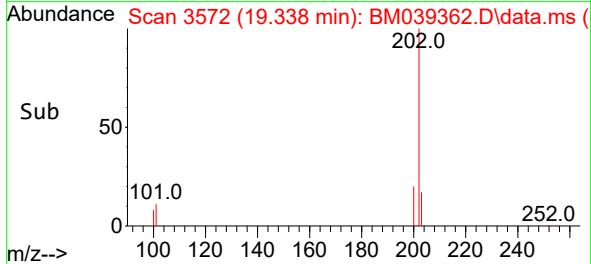
Instrument :
BNA_M
ClientSampleId :
CB9C7DL



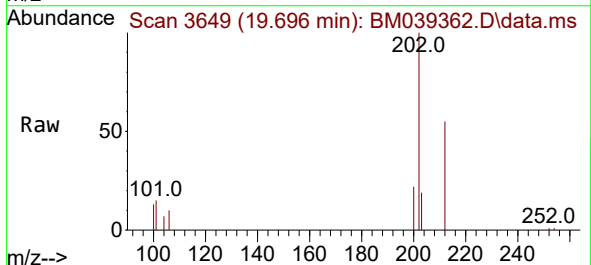
Tgt Ion:202 Resp: 23840
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.8 7.4 11.0

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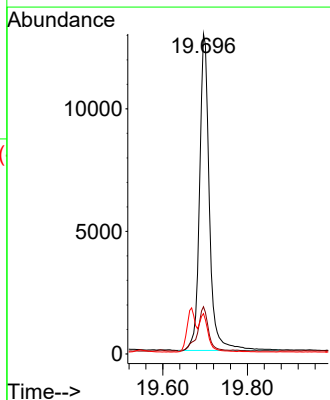
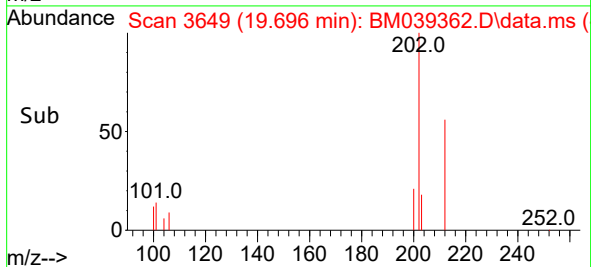
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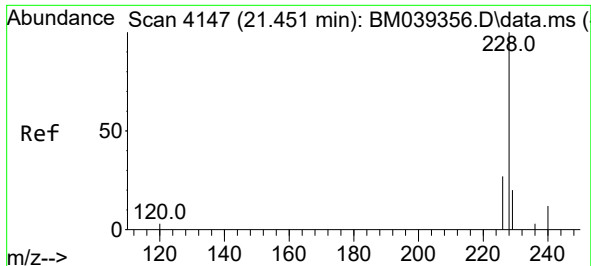


#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32



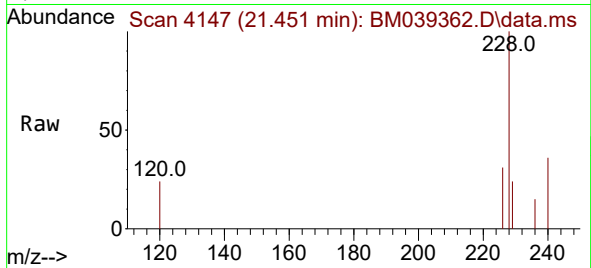
Tgt Ion:202 Resp: 20806
Ion Ratio Lower Upper
202 100
101 14.7 11.1 16.7
100 12.6 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.249 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.000 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

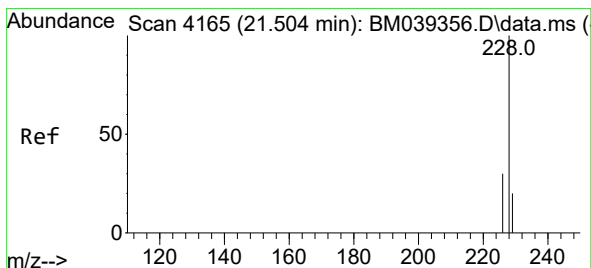
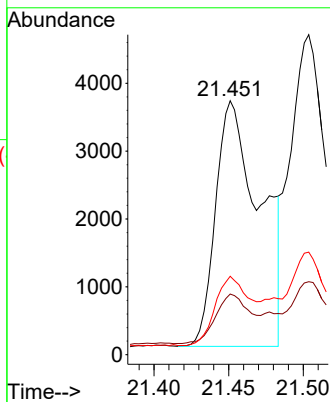
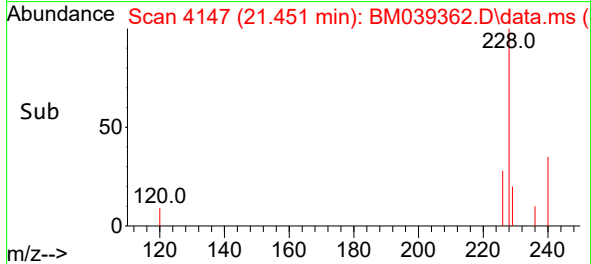
Instrument :
BNA_M
ClientSampleId :
CB9C7DL



Tgt Ion:228 Resp: 7434
Ion Ratio Lower Upper
228 100
229 23.9 16.6 24.8
226 30.9 22.6 34.0

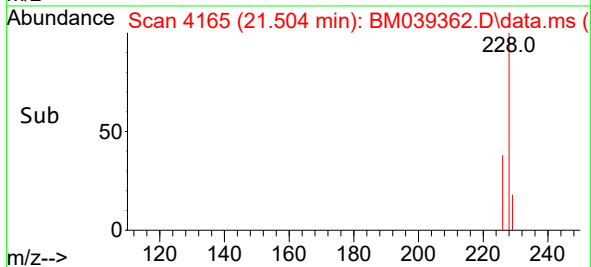
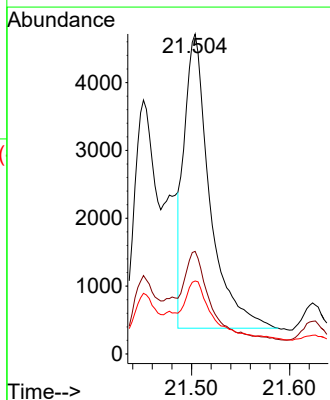
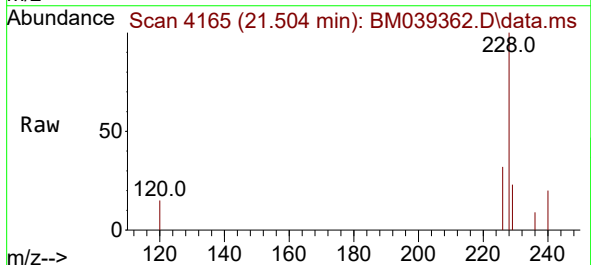
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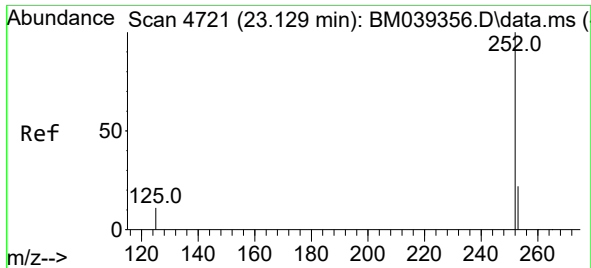
Reviewed By :Christian Giraldo 04/10/2023
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#22
Chrysene
Concen: 0.215 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

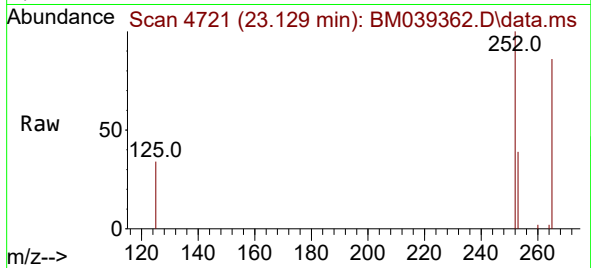
Tgt Ion:228 Resp: 7864
Ion Ratio Lower Upper
228 100
226 32.1 24.2 36.2
229 22.8 16.2 24.4





#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

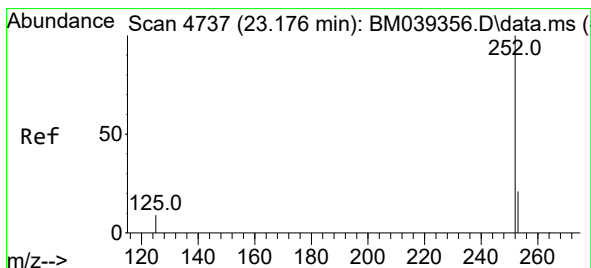
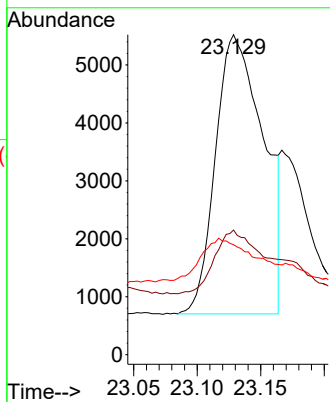
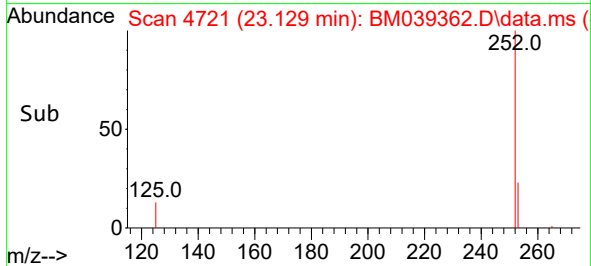
Instrument :
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ClientSampleId :
CB9C7DL



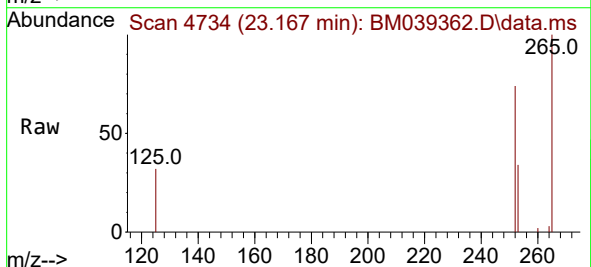
Tgt Ion:252 Resp: 12620
Ion Ratio Lower Upper
252 100
253 38.9 0.0 64.4
125 34.3 0.0 50.4

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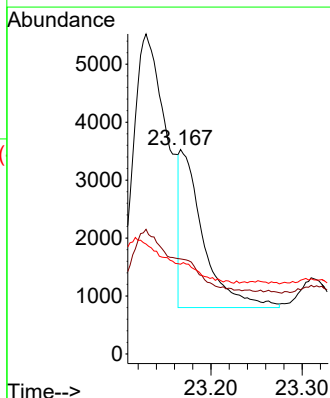
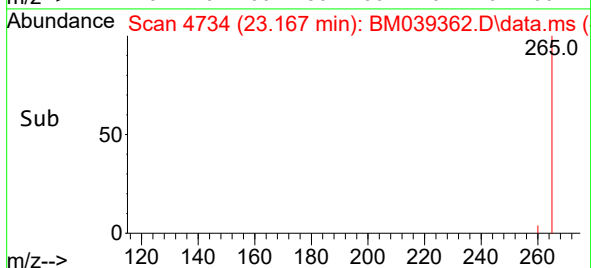
Reviewed By :Christian Giraldo 04/10/2023
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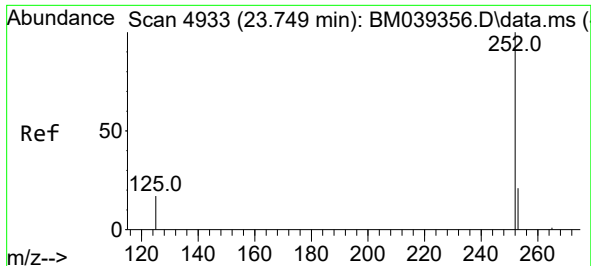


#25
Benzo(k)fluoranthene
Concen: 0.138 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32



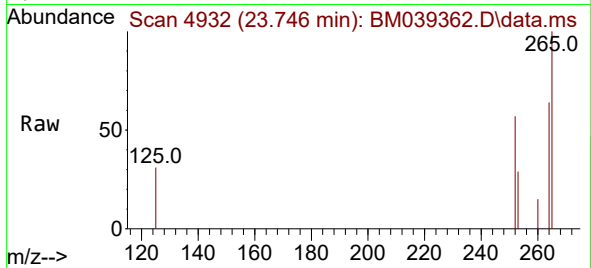
Tgt Ion:252 Resp: 4867
Ion Ratio Lower Upper
252 100
253 46.5 25.5 38.3#
125 43.9 20.4 30.6#





#26
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.003 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

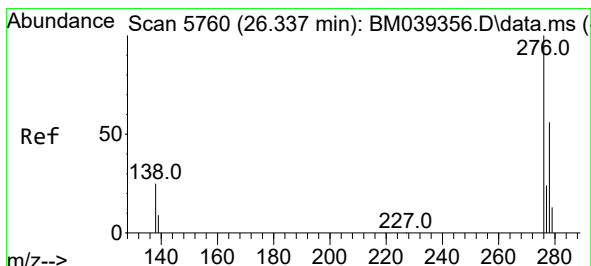
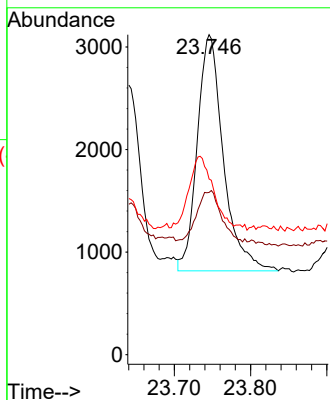
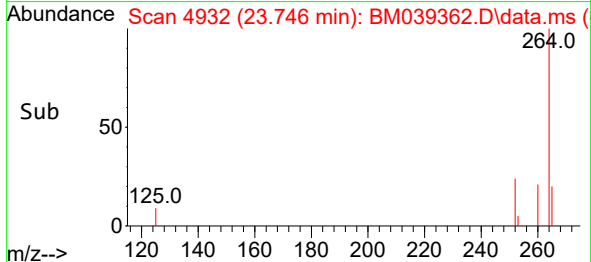
Instrument :
BNA_M
ClientSampleId :
CB9C7DL



Tgt Ion:252 Resp: 547
Ion Ratio Lower Upper
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253 50.7 31.0 46.4
125 54.9 28.2 42.4

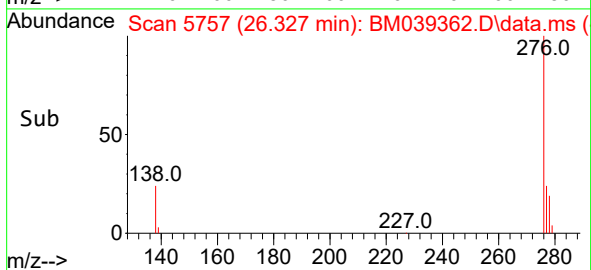
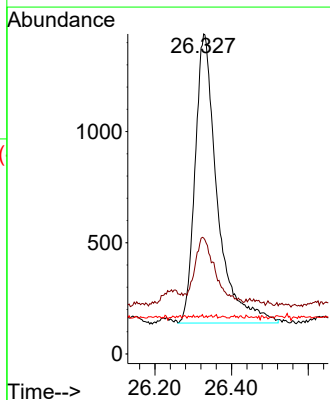
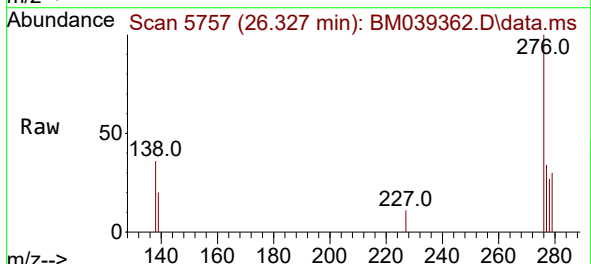
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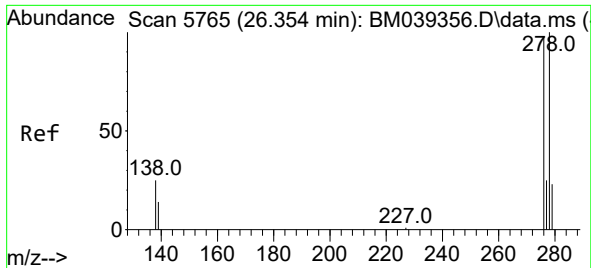
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM039362.D
Acq: 07 Apr 2023 20:32

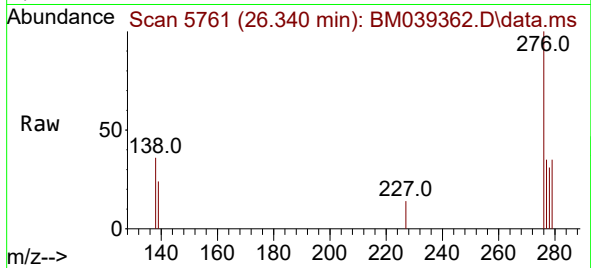
Tgt Ion:276 Resp: 5210
Ion Ratio Lower Upper
276 100
138 22.5 21.4 32.0
227 0.1 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 26.340 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM039362.D
 Acq: 07 Apr 2023 20:32

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:278 Resp: 118
 Ion Ratio Lower Upper
 278 100
 139 74.9 21.8 32.6
 279 110.9 30.0 45.0

Manual Integrations
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