

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
 Data File : BM034838.D
 Acq On : 26 Apr 2022 16:04
 Operator : CG/JU
 Sample : N2475-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0BN4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/27/2022
 Supervised By :Yogesh Patel 05/03/2022

Quant Time: Apr 26 17:25:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	14820	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	8176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	15099	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	11500	0.400	ng/ul	# 0.00
23) Perylene-d12	23.884	264	12548	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	32103	5.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	8358	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	16490	0.455	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.352	178	3583	0.072	ng/ul	97
16) Anthracene	17.445	178	2245	0.050	ng/ul	97
19) Fluoranthene	19.364	202	7372	0.134	ng/ul	99
20) Pyrene	19.727	202	6941m	0.125	ng/ul	
21) Benzo(a)anthracene	21.470	228	3561	0.080	ng/ul#	89
22) Chrysene	21.525	228	3672	0.077	ng/ul#	88
24) Benzo(b)fluoranthene	23.159	252	5642	0.098	ng/ul#	63
25) Benzo(k)fluoranthene	23.197	252	1978m	0.035	ng/ul	
26) Benzo(a)pyrene	23.779	252	3649	0.078	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.355	276	4103	0.063	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.375	278	1110	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.127	276	4871	0.086	ng/ul#	86

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

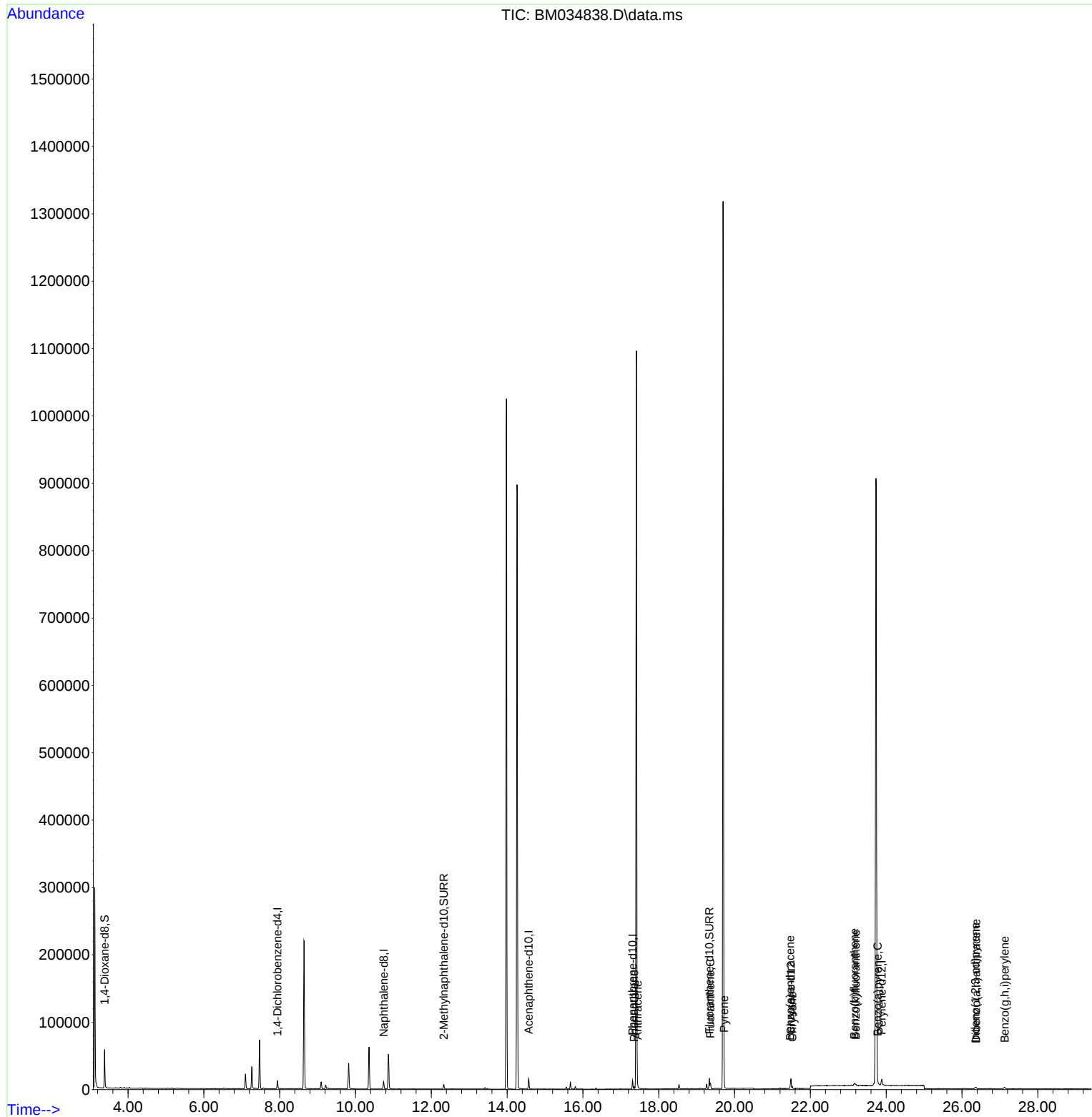
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034838.D
Acq On : 26 Apr 2022 16:04
Operator : CG/JU
Sample : N2475-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

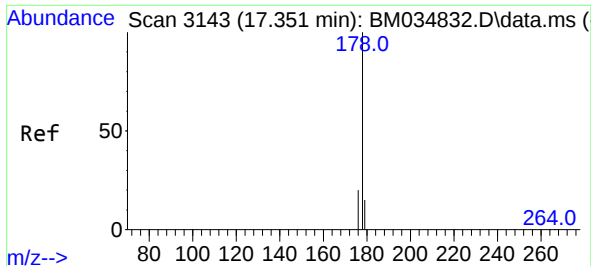
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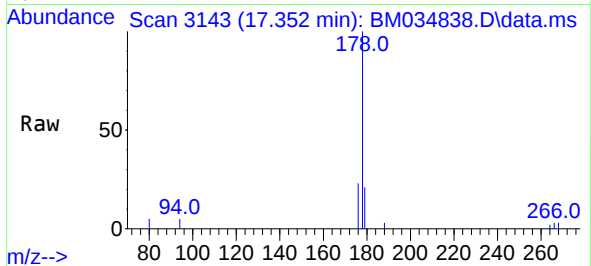
Quant Time: Apr 26 17:25:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
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#15
Phenanthrene
Concen: 0.072 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

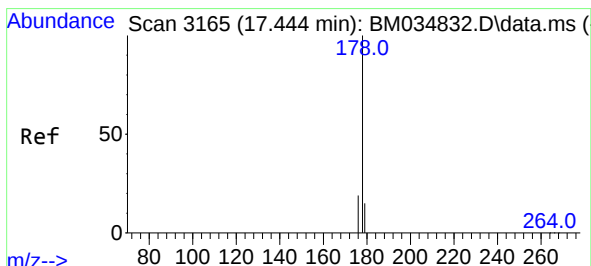
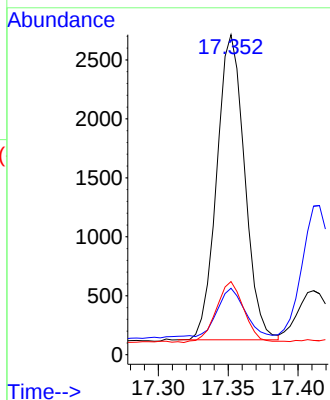
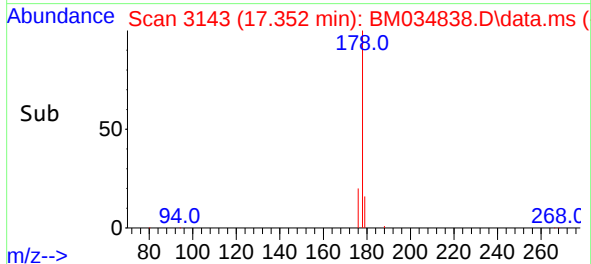
Instrument :
BNA_M
ClientSampleId :
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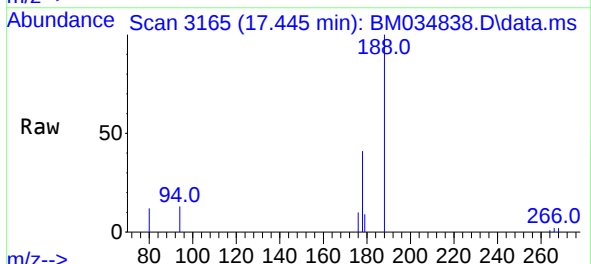
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Ion Ratio Lower Upper
178 100
179 20.7 15.0 22.6
176 22.9 17.9 26.9

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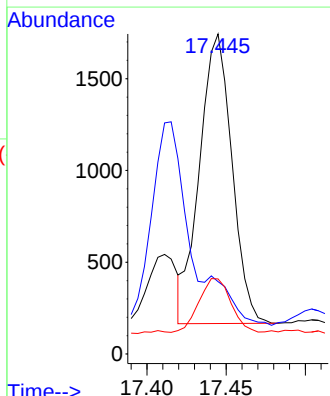
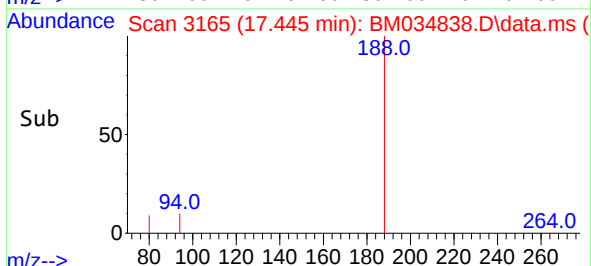
Reviewed By :Jagrut Upadhyay 04/27/2022
Supervised By :Yogesh Patel 05/03/2022

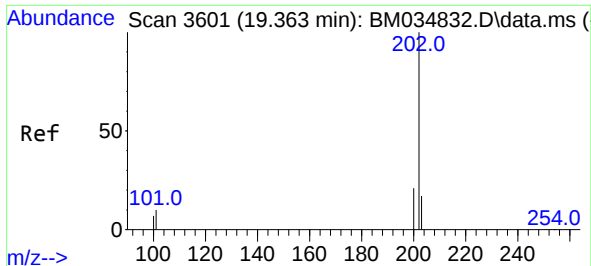


#16
Anthracene
Concen: 0.050 ng/u1
RT: 17.445 min Scan# 3165
Delta R.T. -0.002 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



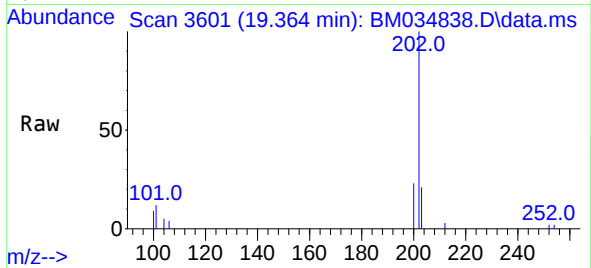
Tgt Ion:178 Resp: 2245
Ion Ratio Lower Upper
178 100
179 22.6 16.5 24.7
176 23.5 18.3 27.5





#19
Fluoranthene
Concen: 0.134 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

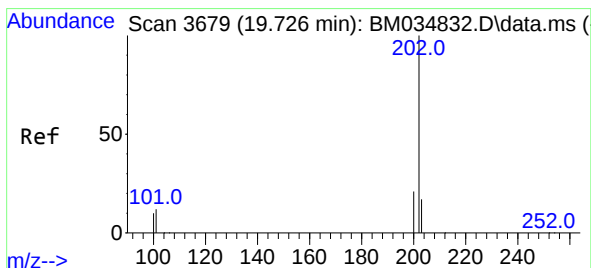
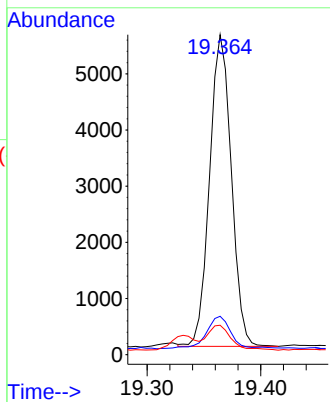
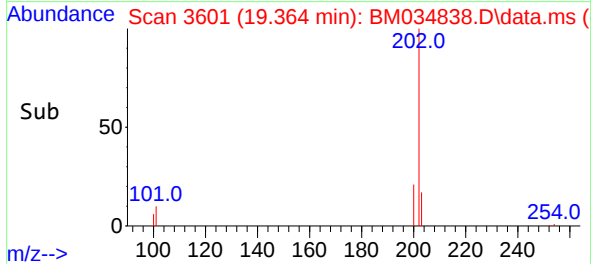
Instrument :
BNA_M
ClientSampleId :
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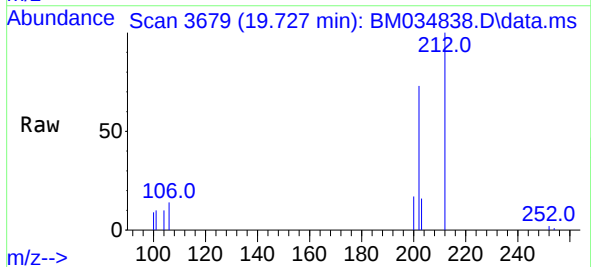
Tgt Ion:202 Resp: 7372
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.2 7.2 10.8

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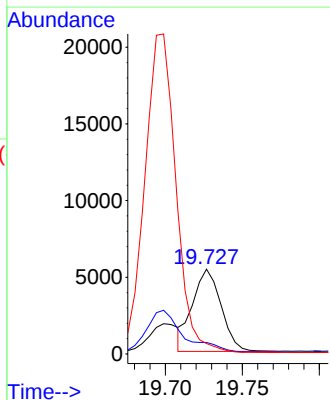
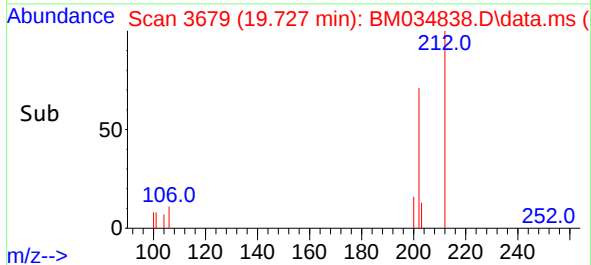
Reviewed By :Jagrut Upadhyay 04/27/2022
Supervised By :Yogesh Patel 05/03/2022

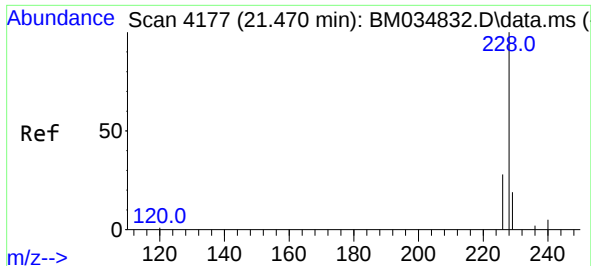


#20
Pyrene
Concen: 0.125 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



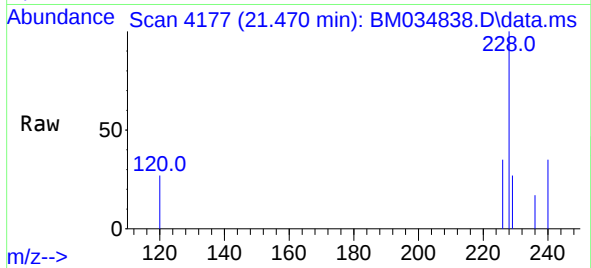
Tgt Ion:202 Resp: 6941
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 12.3 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.080 ng/u1
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

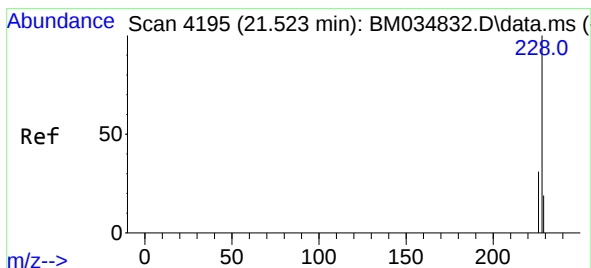
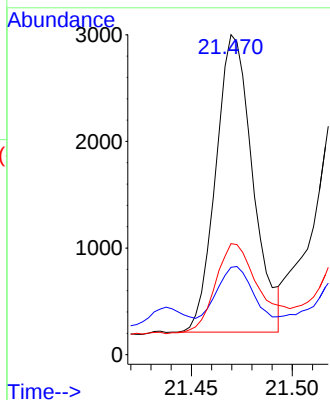
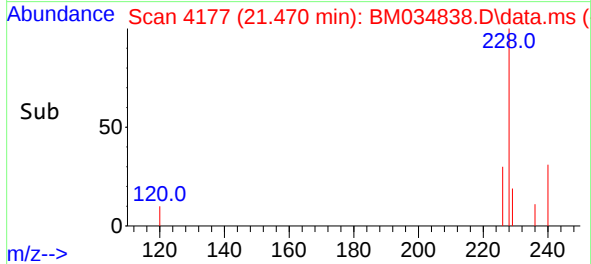
Instrument :
BNA_M
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A0BN4



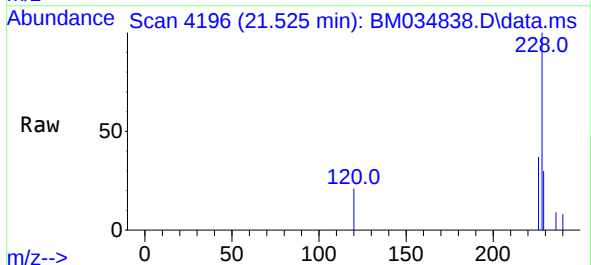
Tgt Ion:228 Resp: 3561
Ion Ratio Lower Upper
228 100
229 27.3 17.3 25.9
226 34.7 23.2 34.8

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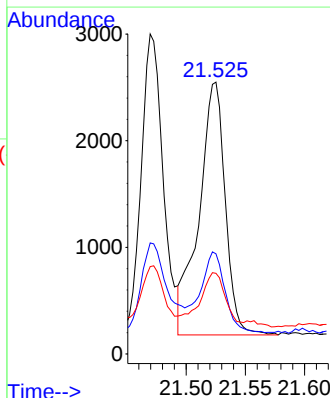
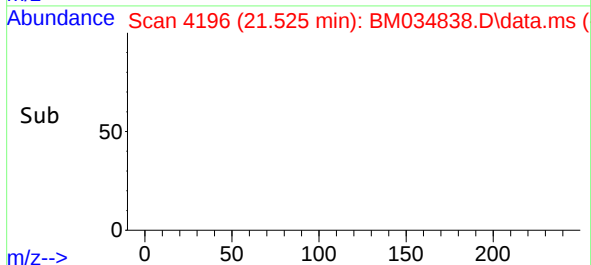
Reviewed By :Jagrut Upadhyay 04/27/2022
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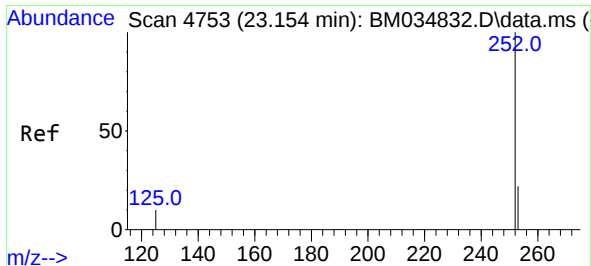


#22
Chrysene
Concen: 0.077 ng/u1
RT: 21.525 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



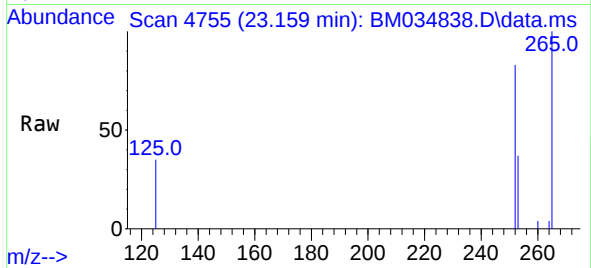
Tgt Ion:228 Resp: 3672
Ion Ratio Lower Upper
228 100
226 36.9 25.8 38.8
229 29.7 16.7 25.1#





#24
Benzo(b)fluoranthene
Concen: 0.098 ng/ul
RT: 23.159 min Scan# 4755
Delta R.T. 0.007 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

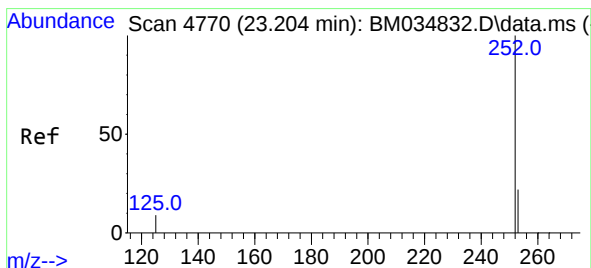
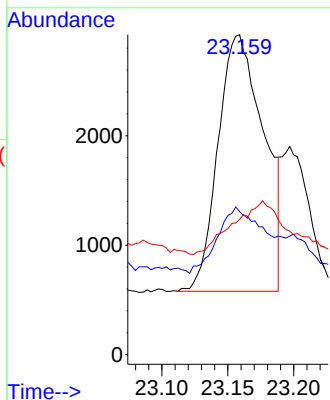
Instrument :
BNA_M
ClientSampleId :
A0BN4



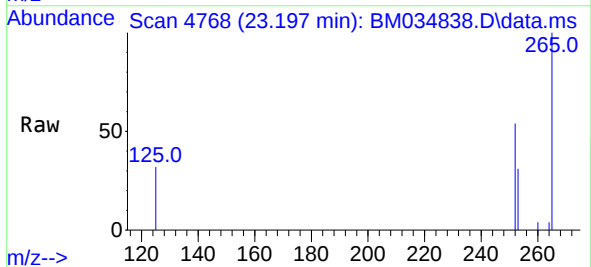
Tgt Ion:252 Resp: 564
Ion Ratio Lower Upper
252 100
253 44.7 0.0 64.2
125 42.3 0.0 28.8

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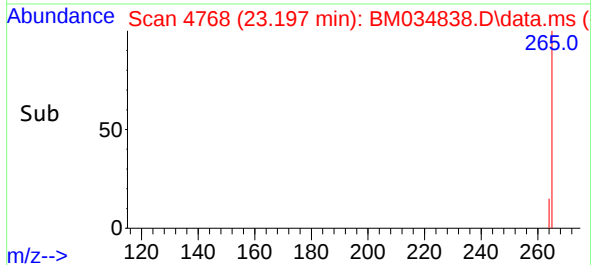
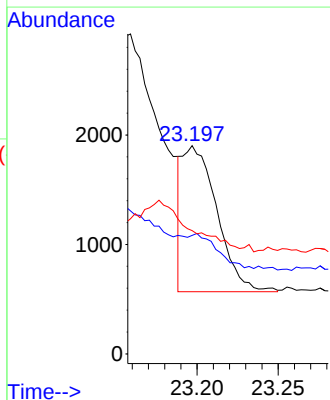
Reviewed By :Jagrut Upadhyay 04/27/2022
Supervised By :Yogesh Patel 05/03/2022

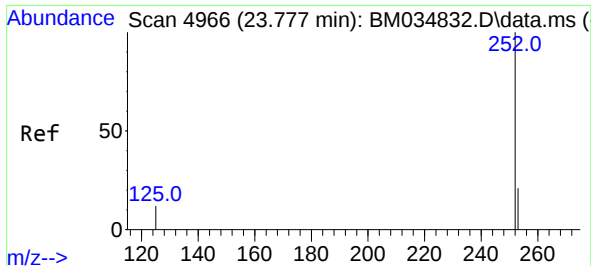


#25
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.197 min Scan# 4768
Delta R.T. -0.005 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



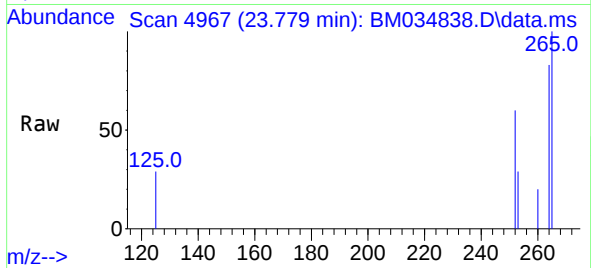
Tgt Ion:252 Resp: 1978
Ion Ratio Lower Upper
252 100
253 56.9 26.8 40.2#
125 59.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.078 ng/u1
RT: 23.779 min Scan# 4966
Delta R.T. 0.004 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

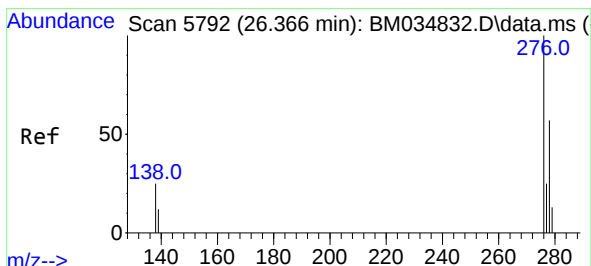
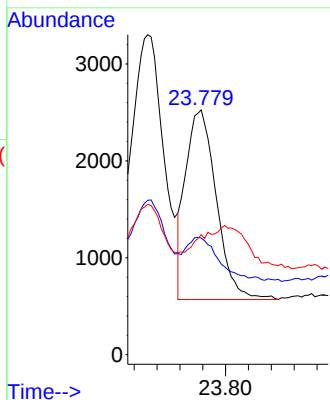
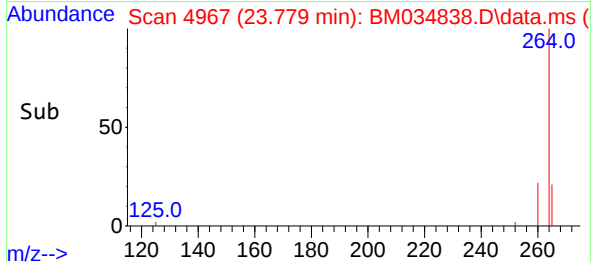
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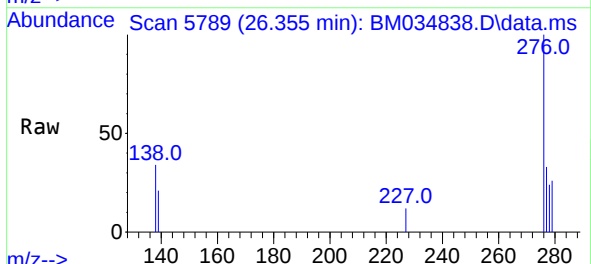
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Ion Ratio Lower Upper
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253 47.7 32.0 48.0
125 49.0 14.5 21.7

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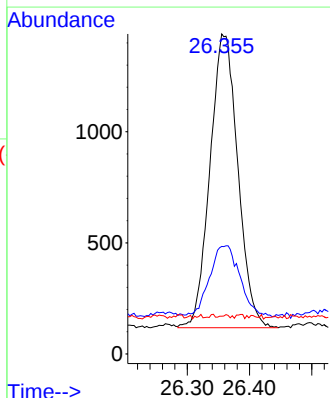
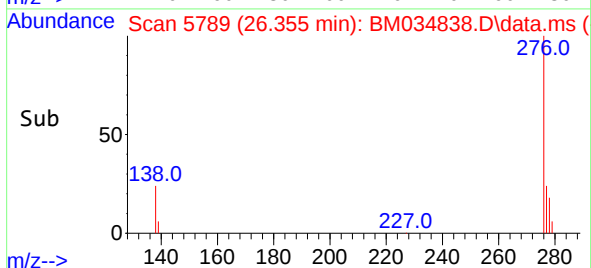
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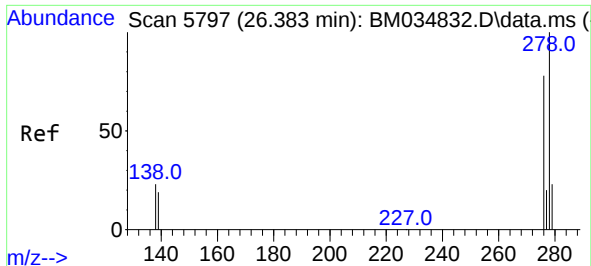


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/u1
RT: 26.355 min Scan# 5789
Delta R.T. -0.006 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



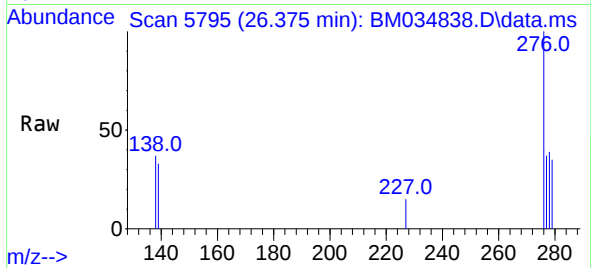
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Ion Ratio Lower Upper
276 100
138 26.6 15.8 23.6#
227 0.4 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.375 min Scan# 5795
Delta R.T. -0.009 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04

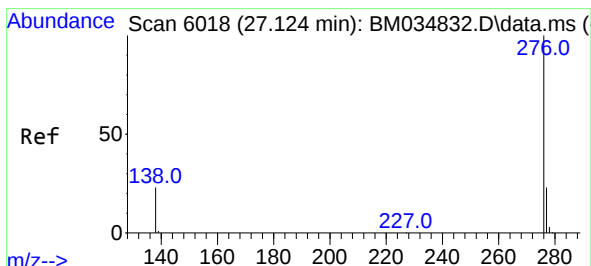
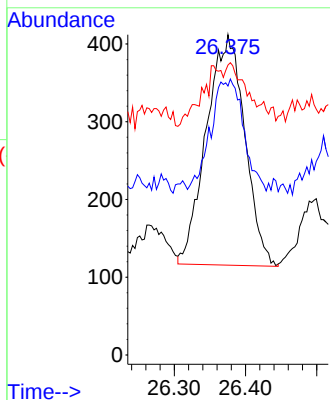
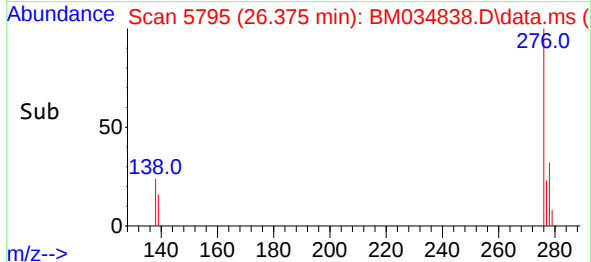
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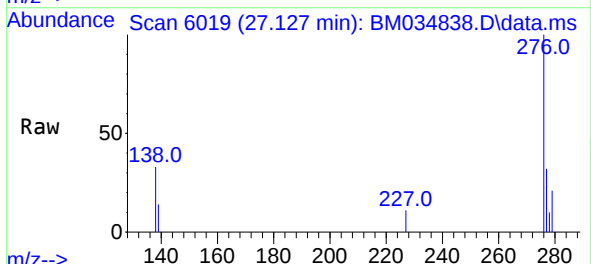
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Ion Ratio Lower Upper
278 100
139 84.0 18.0 27.0
279 90.5 28.6 42.8

Manual Integrations
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Supervised By :Yogesh Patel 05/03/2022



#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. 0.008 min
Lab File: BM034838.D
Acq: 26 Apr 2022 16:04



Tgt Ion:276 Resp: 4871
Ion Ratio Lower Upper
276 100
138 32.8 17.4 26.0
277 31.5 22.6 33.8

