

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038235.D
 Acq On : 23 Dec 2022 16:41
 Operator : CG/JU
 Sample : N6014-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXT3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 02:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	3991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12088	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	6736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13544	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	8659	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	8456	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19413	4.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	8006	0.450	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	14872	0.458	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.388	152	15272	0.411	ng/ul	99
14) Pentachlorophenol	17.054	266	366	0.054	ng/ul	94
15) Phenanthrene	17.447	178	4085m	0.090	ng/ul	
16) Anthracene	17.535	178	13212	0.304	ng/ul	99
19) Fluoranthene	19.454	202	62729	1.322	ng/ul	100
20) Pyrene	19.817	202	188358	3.929	ng/ul	97
21) Benzo(a)anthracene	21.556	228	78401	2.064	ng/ul	98
22) Chrysene	21.612	228	98384m	2.661	ng/ul	
24) Benzo(b)fluoranthene	23.275	252	181523	4.850	ng/ul	88
25) Benzo(k)fluoranthene	23.322	252	62567m	1.740	ng/ul	
26) Benzo(a)pyrene	23.918	252	65184	1.996	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.585	276	36217	0.800	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.592	278	9804	0.279	ng/ul#	83
29) Benzo(g,h,i)perylene	27.377	276	28434	0.746	ng/ul	98

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

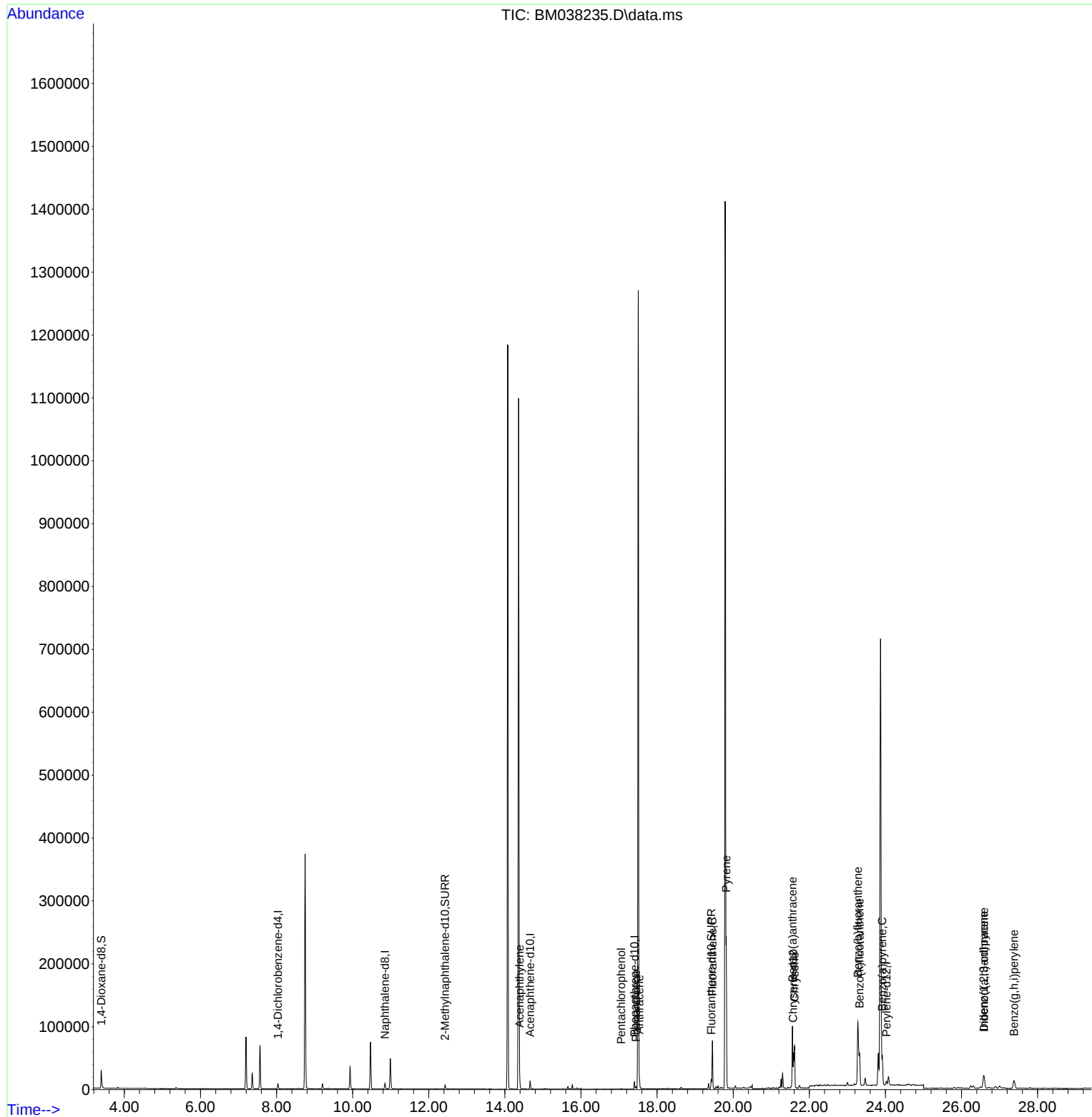
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038235.D
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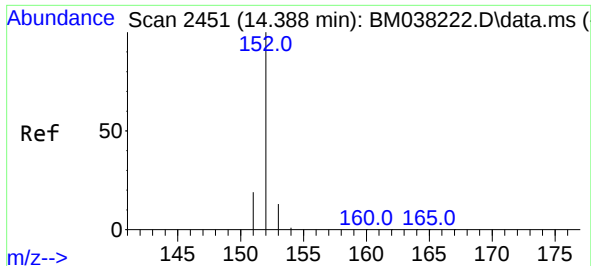
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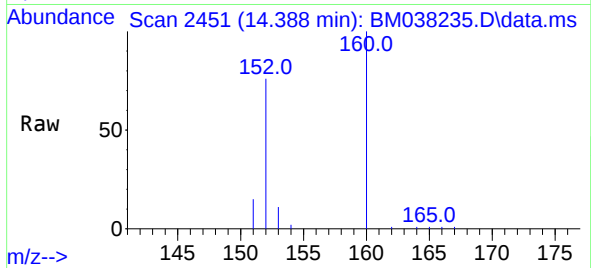
Quant Time: Dec 24 02:57:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

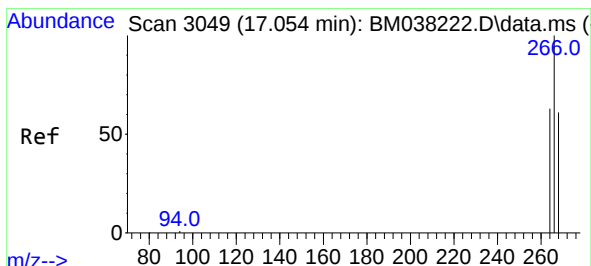
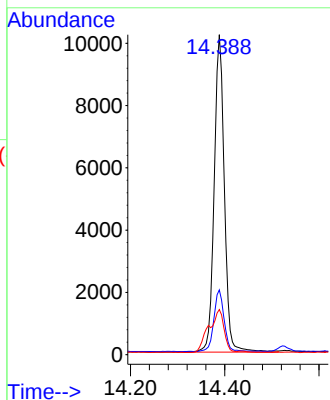
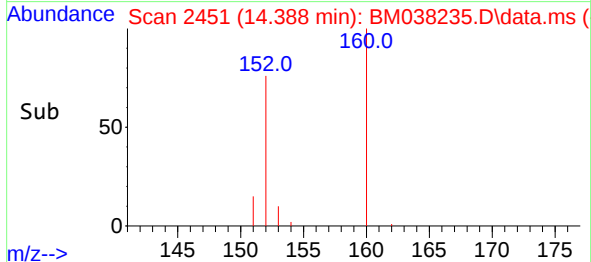
Instrument :
BNA_M
ClientSampleId :
DBXT3



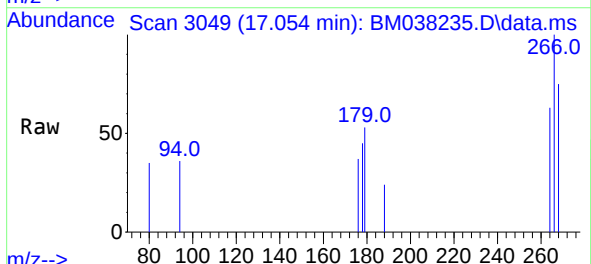
Tgt Ion:152 Resp: 15272
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.1 10.7 16.1

Manual Integrations
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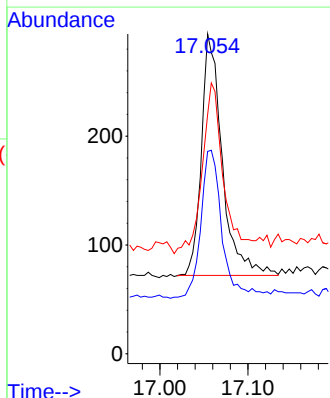
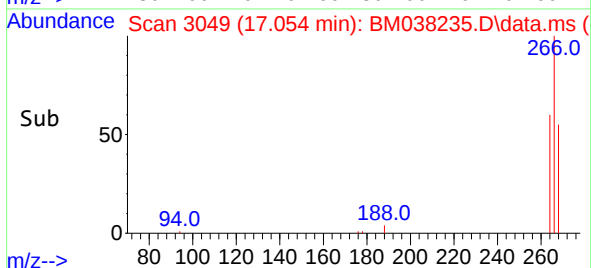
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

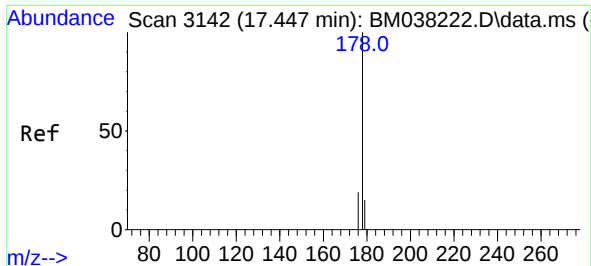


#14
Pentachlorophenol
Concen: 0.054 ng/ul
RT: 17.054 min Scan# 3049
Delta R.T. -0.004 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



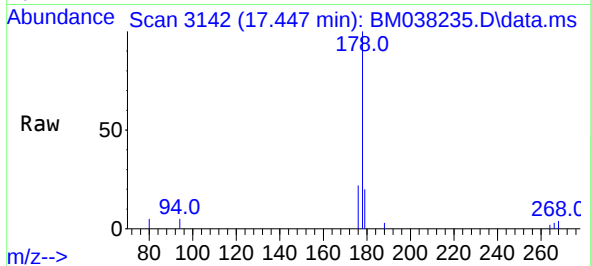
Tgt Ion:266 Resp: 366
Ion Ratio Lower Upper
266 100
264 63.1 49.9 74.9
268 72.1 51.2 76.8





#15
Phenanthrene
Concen: 0.090 ng/ul m
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

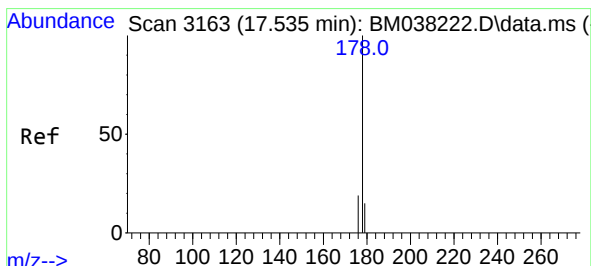
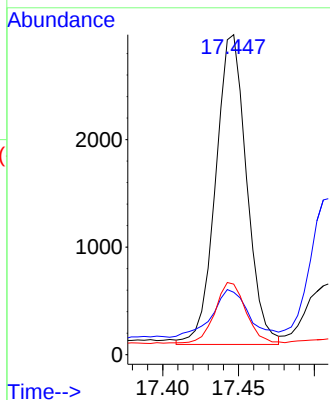
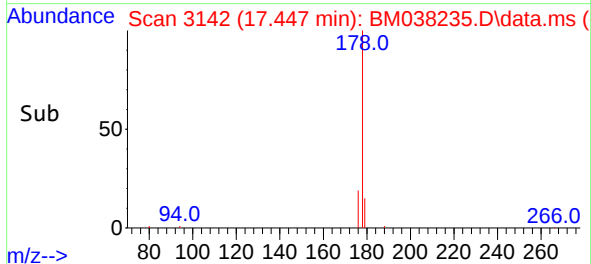
Instrument :
BNA_M
ClientSampleId :
DBXT3



Tgt Ion:178 Resp: 4085
Ion Ratio Lower Upper
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179 19.5 13.0 19.4
176 22.1 16.2 24.4

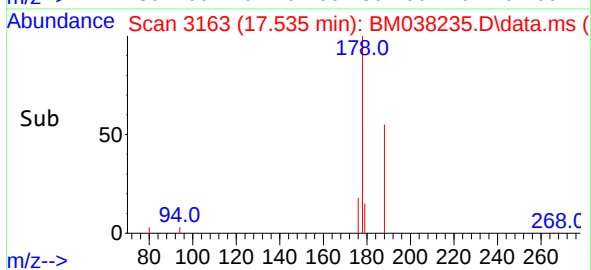
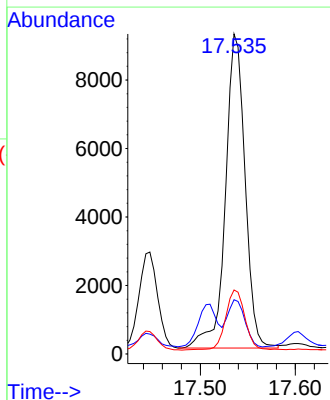
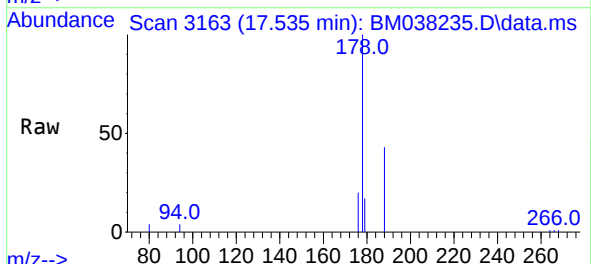
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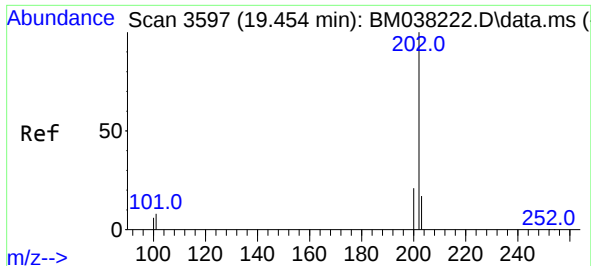
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

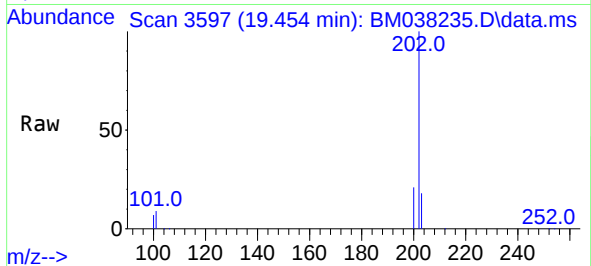
Tgt Ion:178 Resp: 13212
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 20.0 15.6 23.4





#19
Fluoranthene
Concen: 1.322 ng/u1
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

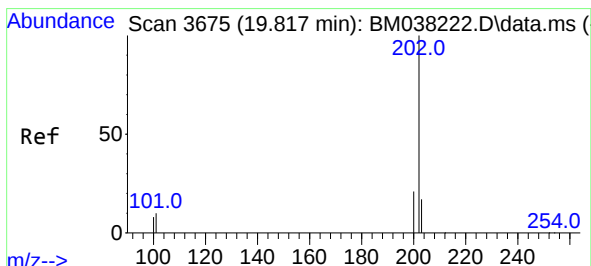
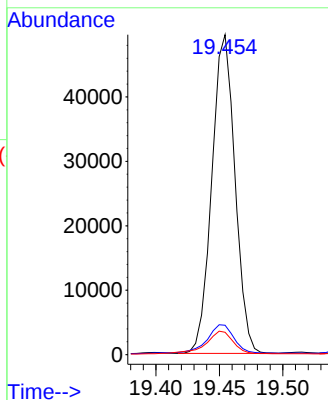
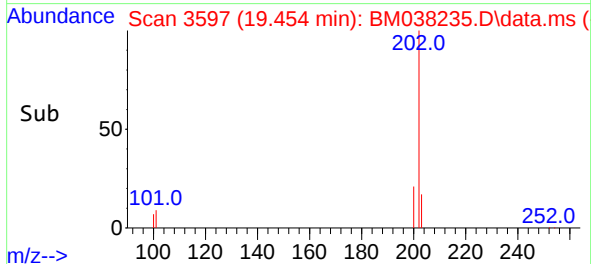
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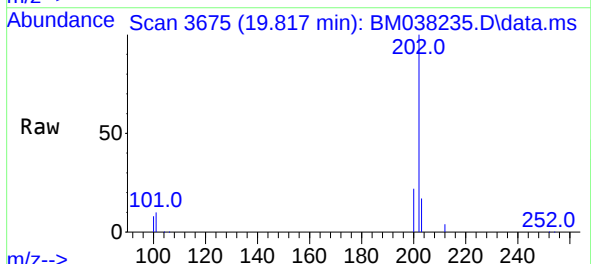
Tgt Ion:202 Resp: 62729
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 7.0 5.6 8.4

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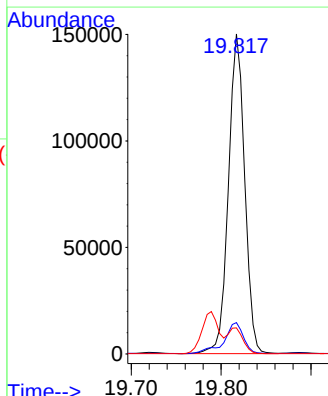
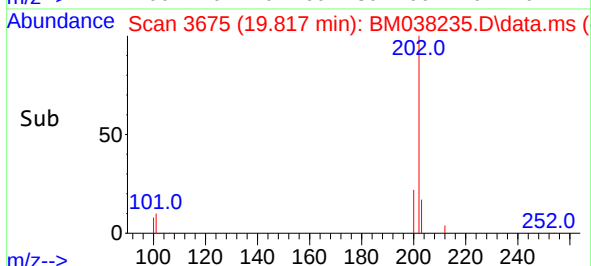
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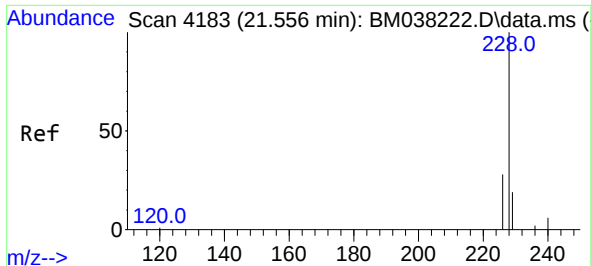


#20
Pyrene
Concen: 3.929 ng/u1
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



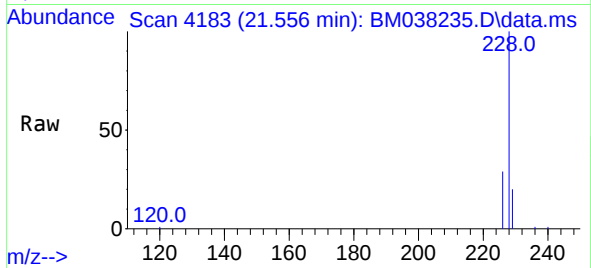
Tgt Ion:202 Resp: 188358
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.2 7.4 11.0





#21
Benzo(a)anthracene
Concen: 2.064 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

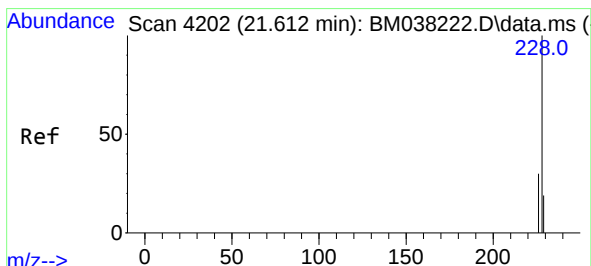
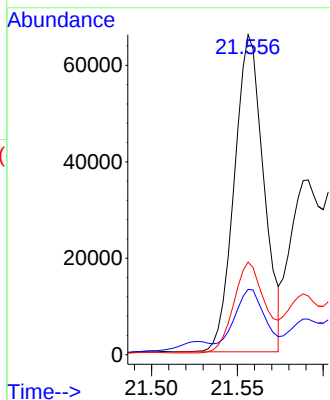
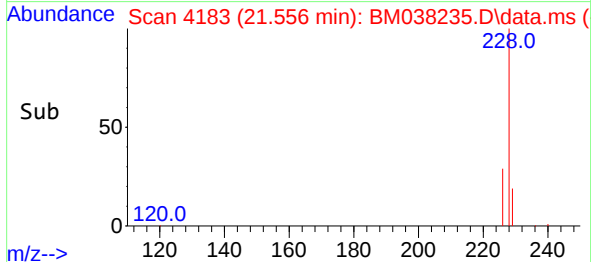
Instrument :
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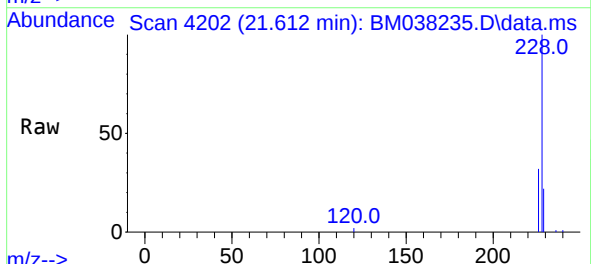
Tgt Ion:228 Resp: 7840
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 28.9 22.2 33.2

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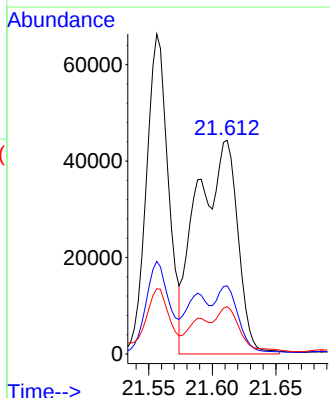
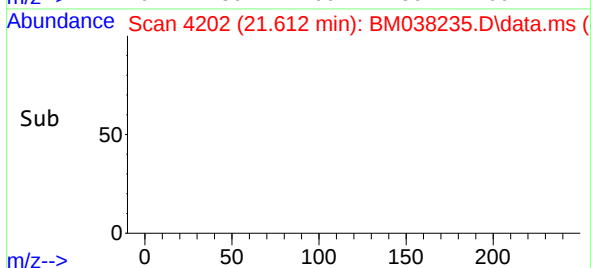
Reviewed By :Jagrut Upadhyay 12/24/2022
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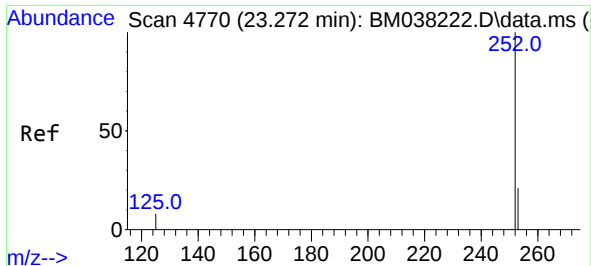


#22
Chrysene
Concen: 2.661 ng/ul m
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



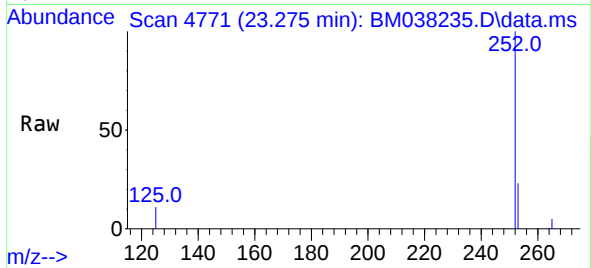
Tgt Ion:228 Resp: 98384
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 22.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.850 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

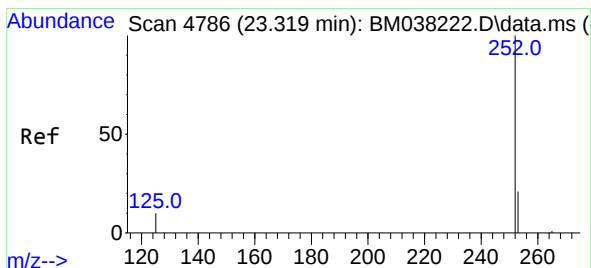
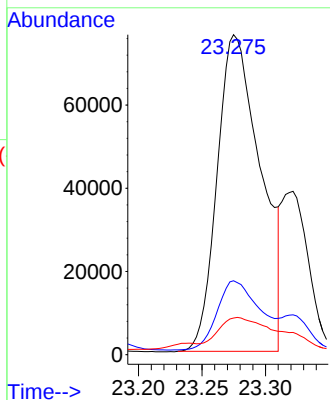
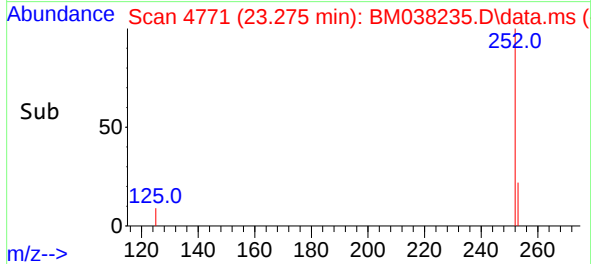
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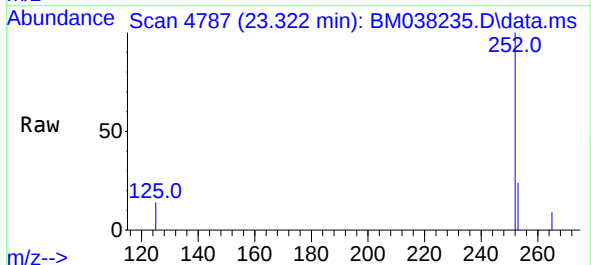
Tgt Ion:252 Resp: 18152
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.0
125 11.5 0.0 36.6

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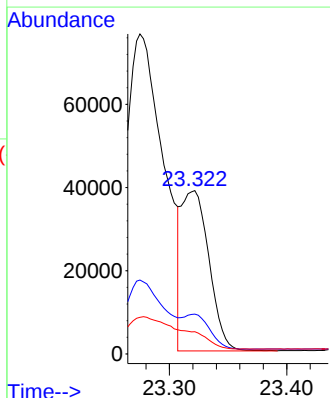
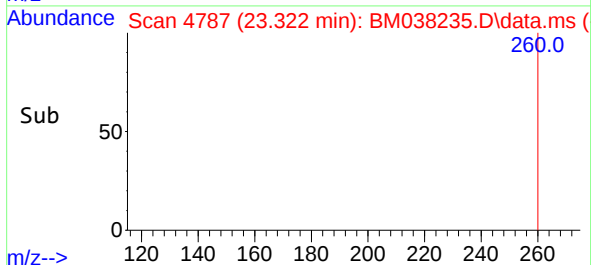
Reviewed By :Jagrut Upadhyay 12/24/2022
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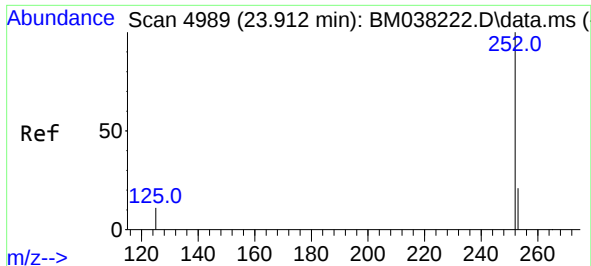


#25
Benzo(k)fluoranthene
Concen: 1.740 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



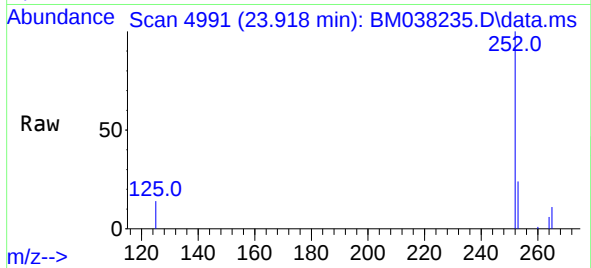
Tgt Ion:252 Resp: 62567
Ion Ratio Lower Upper
252 100
253 24.4 22.5 33.7
125 13.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 1.996 ng/ul
RT: 23.918 min Scan# 4989
Delta R.T. 0.006 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

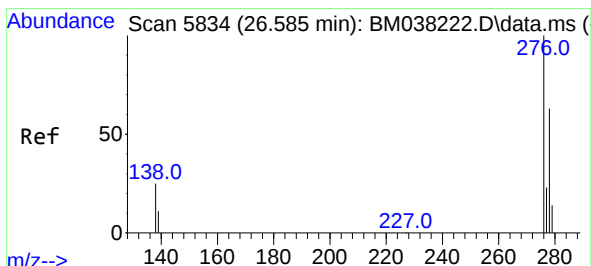
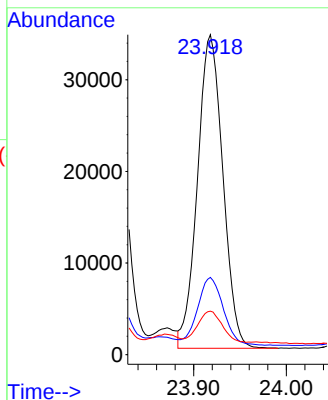
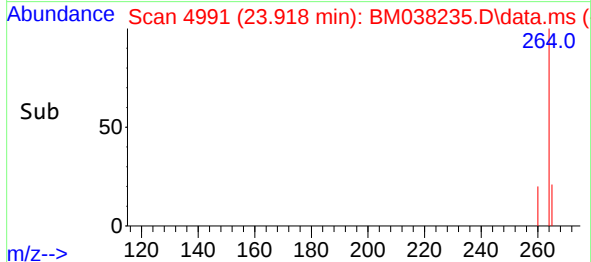
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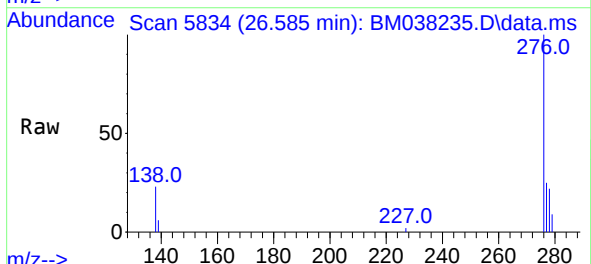
Tgt Ion:252 Resp: 65184
Ion Ratio Lower Upper
252 100
253 24.1 24.2 36.4
125 13.6 17.3 25.9

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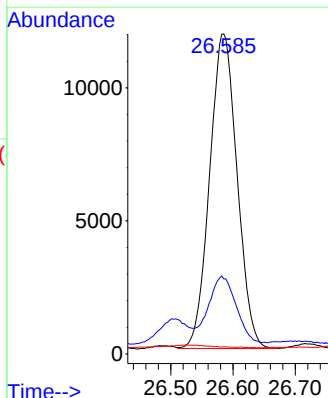
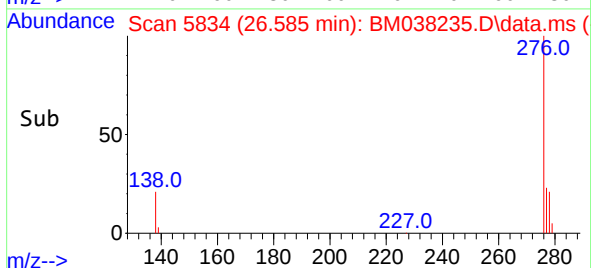
Reviewed By :Jagrut Upadhyay 12/24/2022
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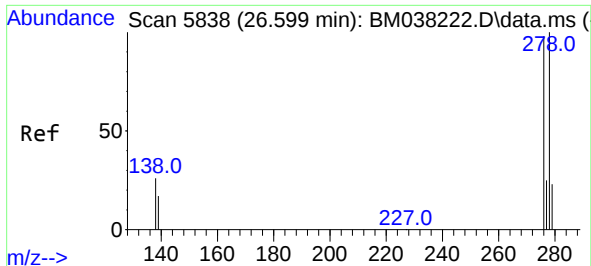


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.800 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. 0.003 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



Tgt Ion:276 Resp: 36217
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5
227 0.0 0.0 0.0





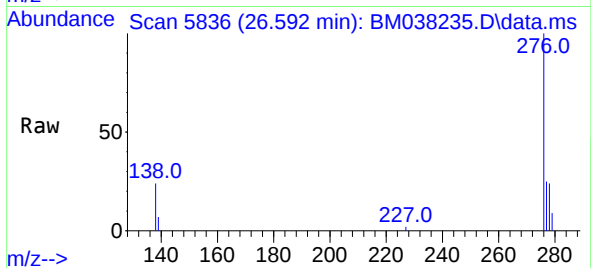
#28
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41

Instrument :

BNA_M

ClientSampleId :

DBXT3

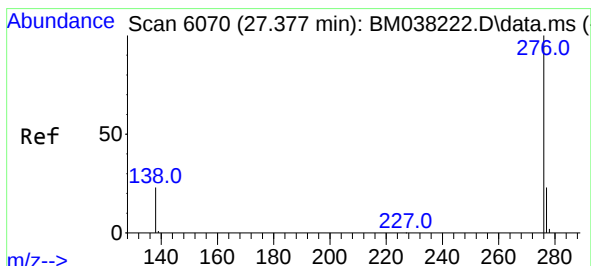
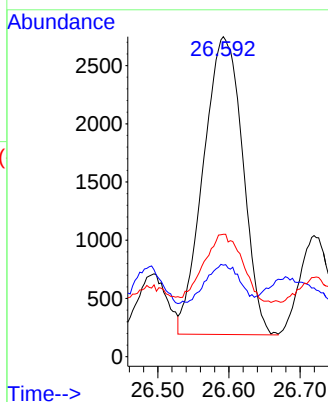
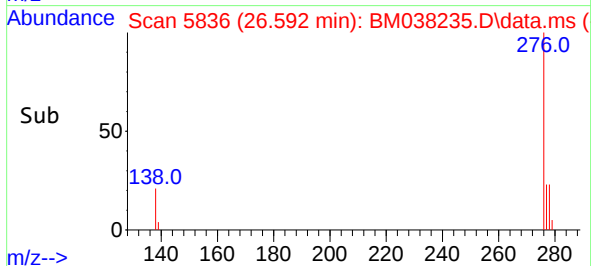


Tgt Ion:278 Resp: 9804
Ion Ratio Lower Upper
278 100
139 28.6 16.8 25.2
279 38.3 23.4 35.2

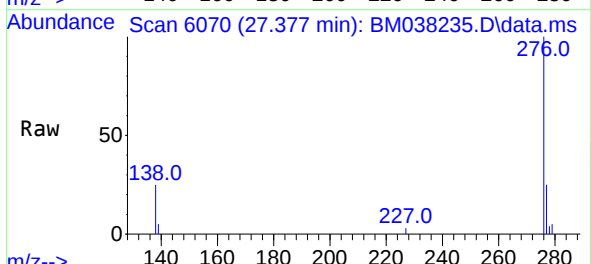
Manual Integrations

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Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.746 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038235.D
Acq: 23 Dec 2022 16:41



Tgt Ion:276 Resp: 28434
Ion Ratio Lower Upper
276 100
138 24.8 20.8 31.2
277 25.0 20.5 30.7

