

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038242.D
 Acq On : 23 Dec 2022 20:57
 Operator : CG/JU
 Sample : N6014-06
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR7

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:24:47 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	8.034	152	3838	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	11528	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6385	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	12769	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8027	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	8081	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13815	3.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4338	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7823	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.443	178	3721	0.087	ng/ul#	94
16) Anthracene	17.535	178	834	0.020	ng/ul#	68
19) Fluoranthene	19.450	202	10285	0.234	ng/ul#	94
20) Pyrene	19.812	202	9122m	0.205	ng/ul	
21) Benzo(a)anthracene	21.553	228	4793	0.136	ng/ul#	91
22) Chrysene	21.609	228	5830	0.170	ng/ul#	93
24) Benzo(b)fluoranthene	23.269	252	9051	0.253	ng/ul	78
25) Benzo(k)fluoranthene	23.313	252	3188m	0.093	ng/ul	
26) Benzo(a)pyrene	23.909	252	6247	0.200	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.582	276	5301	0.122	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.582	278	1369	0.041	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	5942	0.163	ng/ul#	88

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

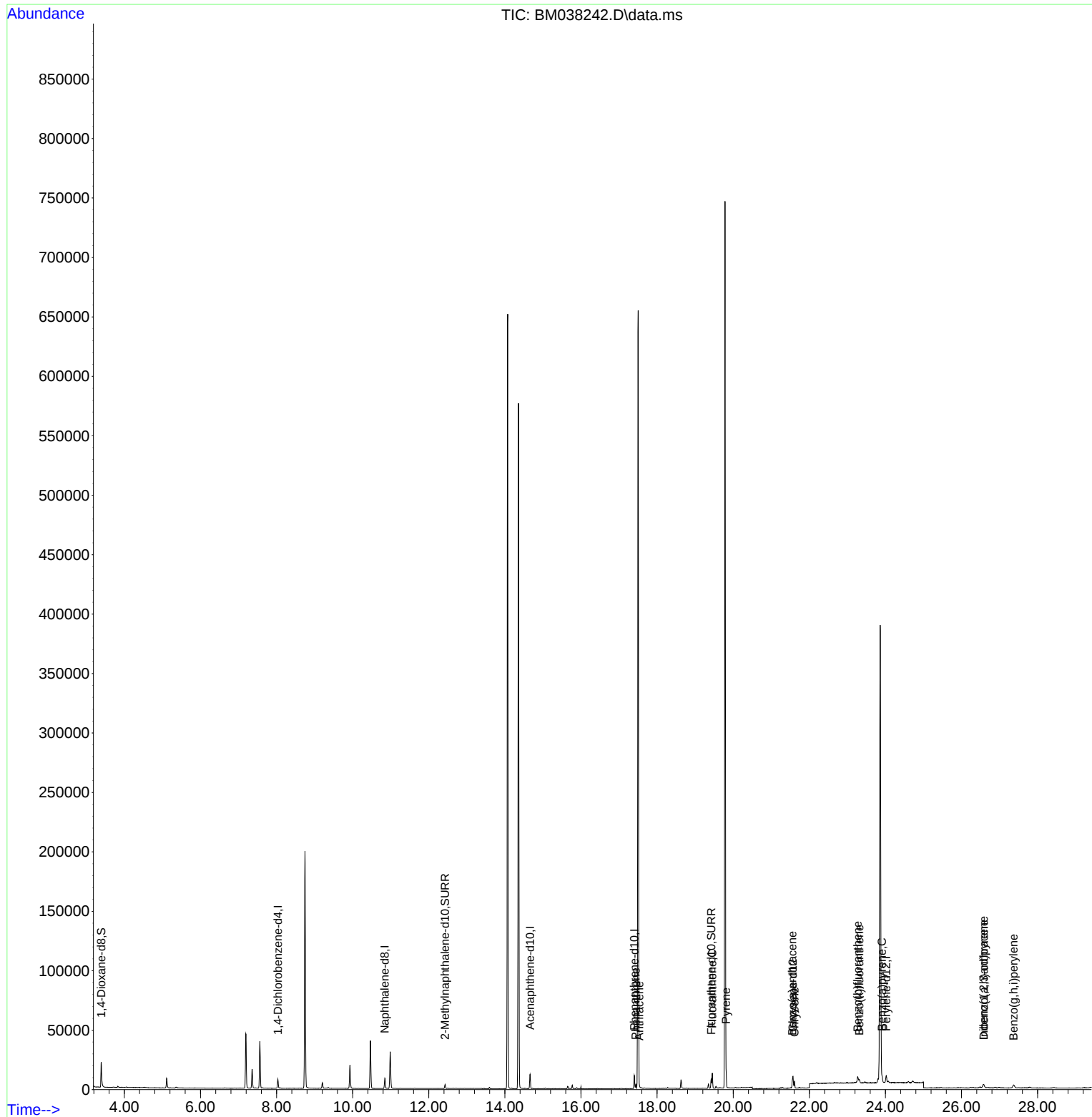
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038242.D
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ALS Vial : 49 Sample Multiplier: 1

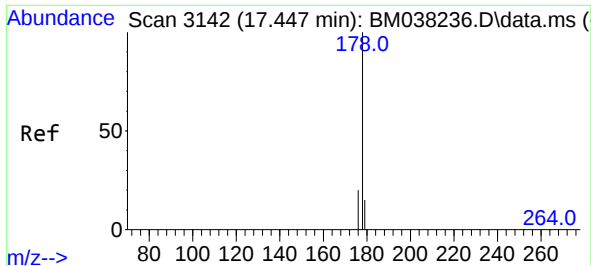
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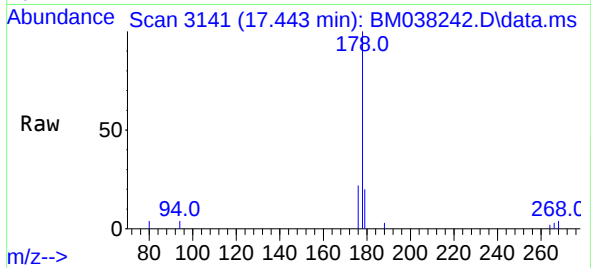
Quant Time: Dec 23 23:24:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#15
Phenanthrene
Concen: 0.087 ng/u1
RT: 17.443 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

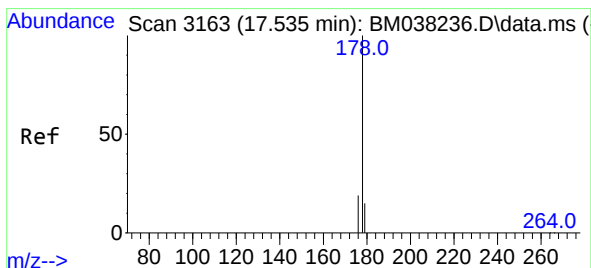
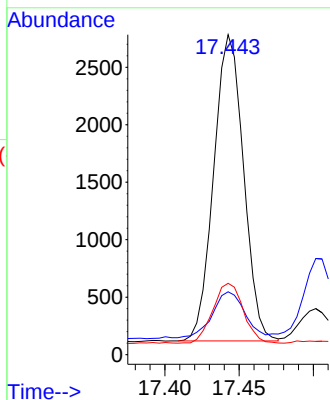
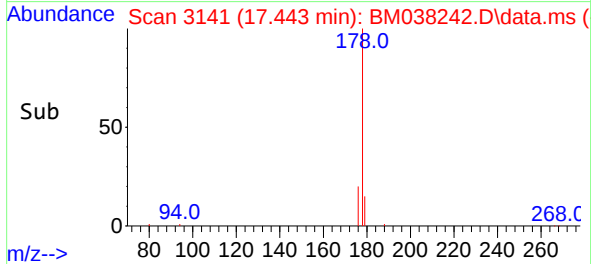
Instrument :
BNA_M
ClientSampleId :
DBXR7



Tgt Ion:178 Resp: 372
Ion Ratio Lower Upper
178 100
179 19.6 13.0 19.4#
176 22.3 16.2 24.4#

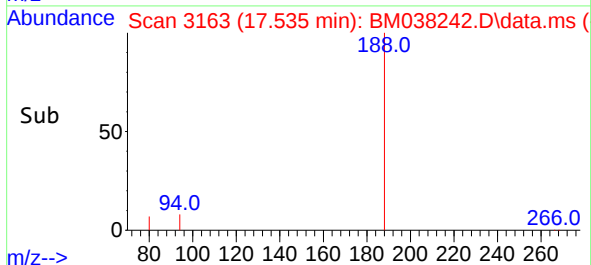
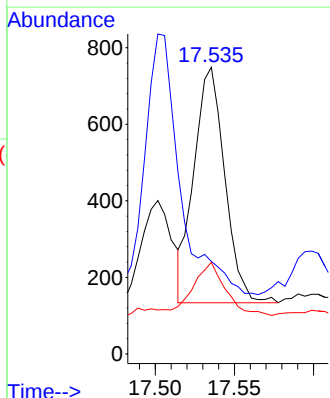
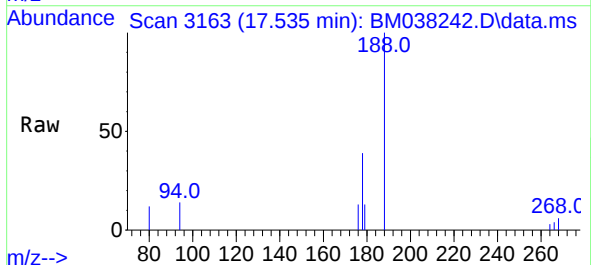
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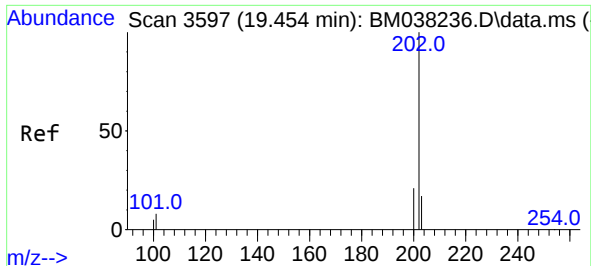
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.020 ng/u1
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

Tgt Ion:178 Resp: 834
Ion Ratio Lower Upper
178 100
179 32.3 13.0 19.6#
176 31.9 15.6 23.4#





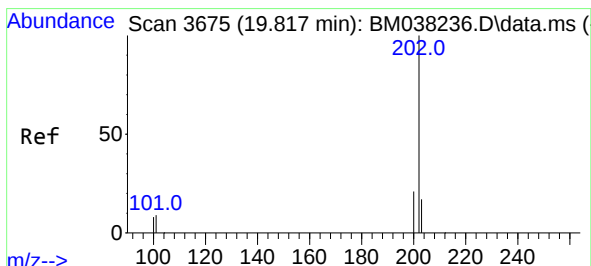
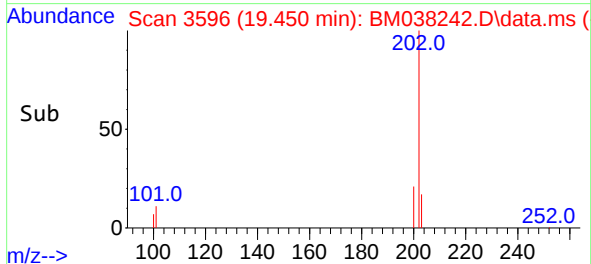
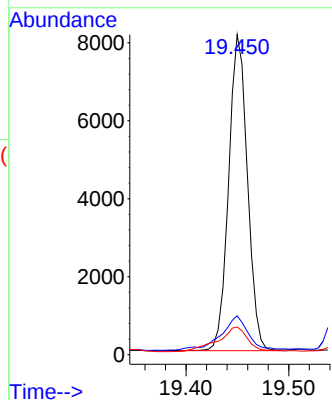
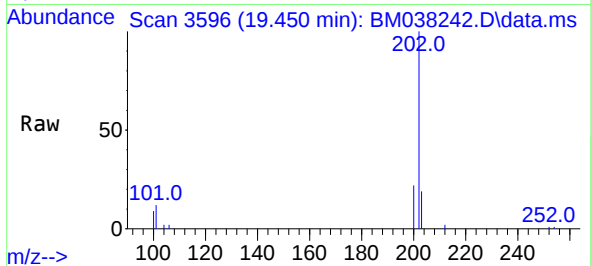
#19
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

Instrument :
BNA_M
ClientSampleId :
DBXR7

Tgt Ion:202 Resp: 10285
Ion Ratio Lower Upper
202 100
101 12.2 7.5 11.3
100 8.6 5.6 8.4

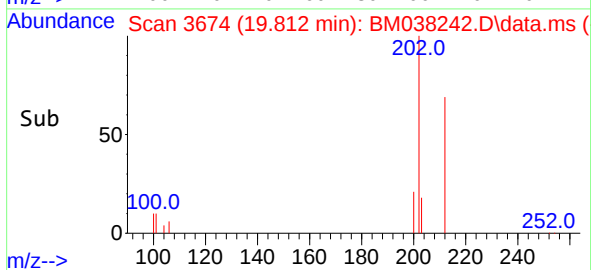
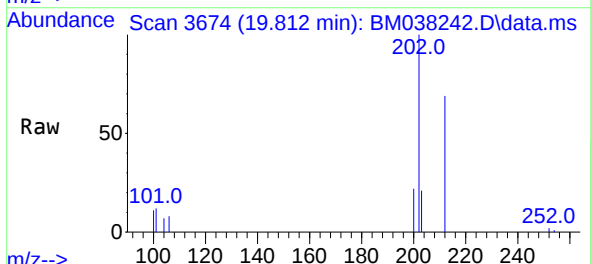
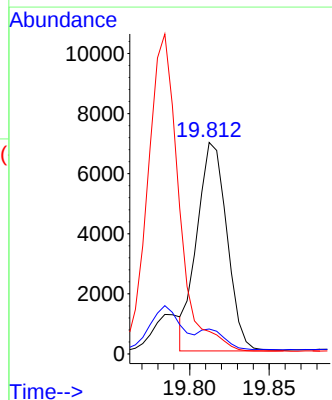
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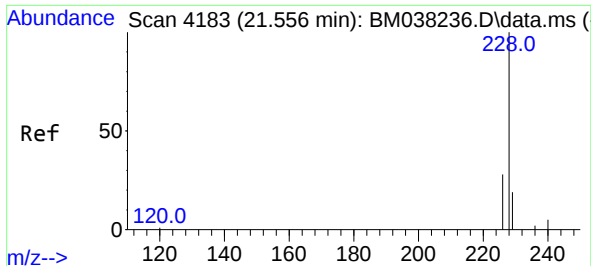
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.205 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

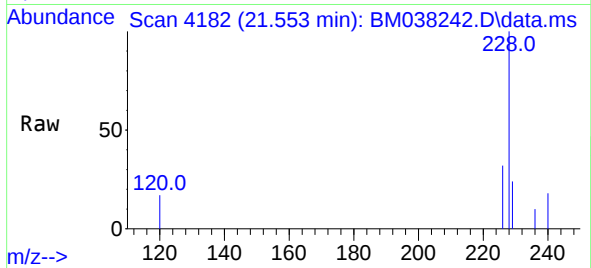
Tgt Ion:202 Resp: 9122
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 10.7 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.136 ng/u1
RT: 21.553 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

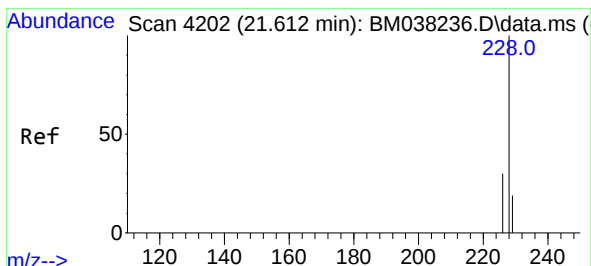
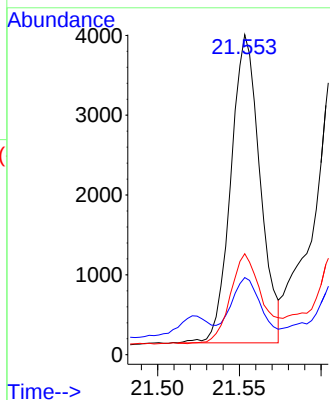
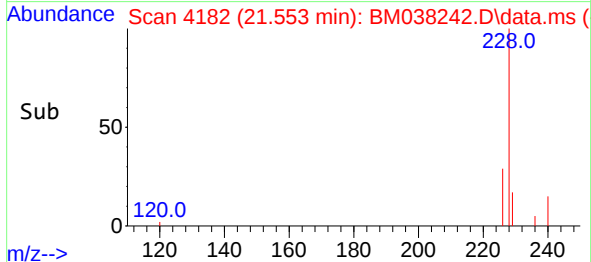
Instrument :
BNA_M
ClientSampleId :
DBXR7



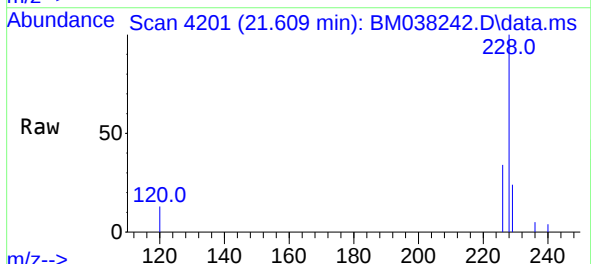
Tgt Ion:228 Resp: 4793
Ion Ratio Lower Upper
228 100
229 24.1 15.5 23.3
226 31.6 22.2 33.2

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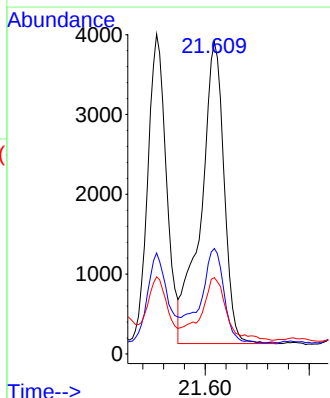
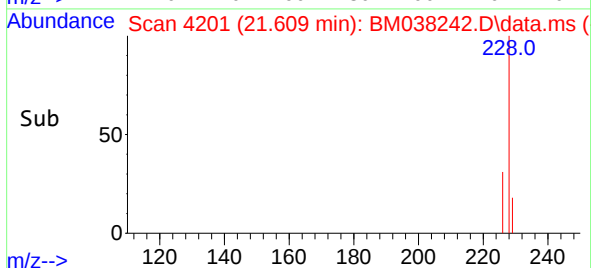
Reviewed By :Jagrut Upadhyay 12/24/2022
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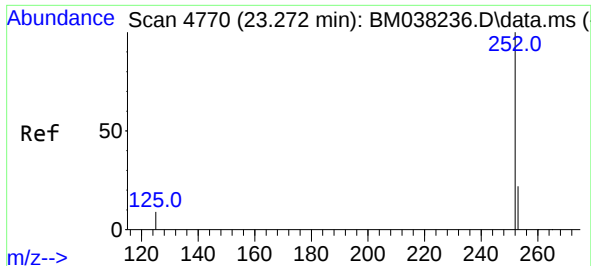


#22
Chrysene
Concen: 0.170 ng/u1
RT: 21.609 min Scan# 4201
Delta R.T. -0.003 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57



Tgt Ion:228 Resp: 5830
Ion Ratio Lower Upper
228 100
226 33.8 25.0 37.4
229 24.5 16.0 24.0#





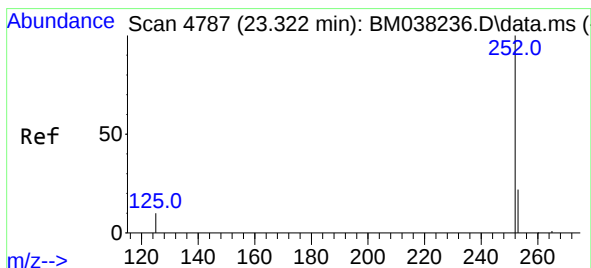
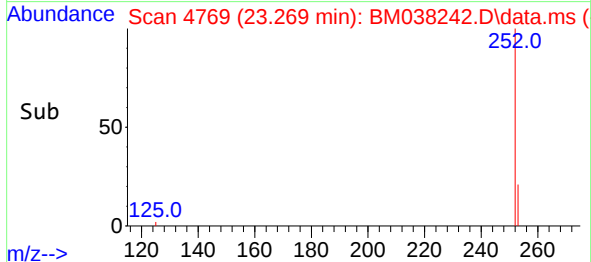
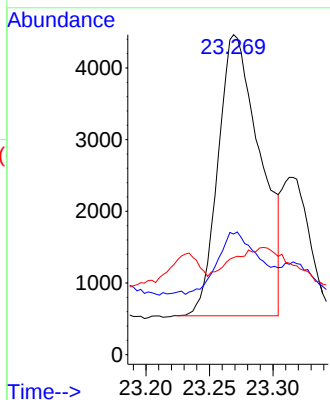
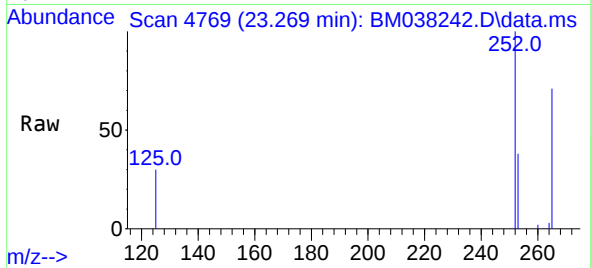
#24
Benzo(b)fluoranthene
Concen: 0.253 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

Instrument :
BNA_M
ClientSampleId :
DBXR7

Tgt Ion:252 Resp: 905
Ion Ratio Lower Upper
252 100
253 37.7 0.0 56.0
125 30.3 0.0 36.6

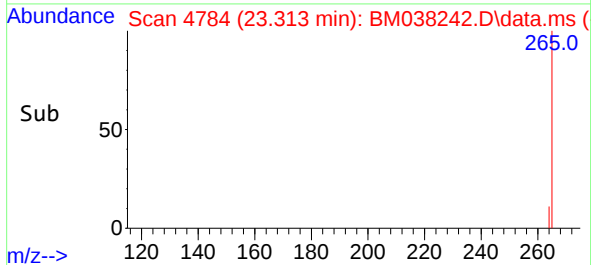
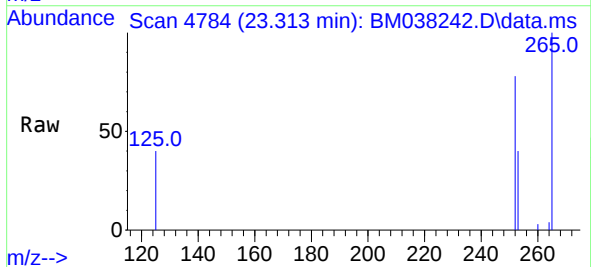
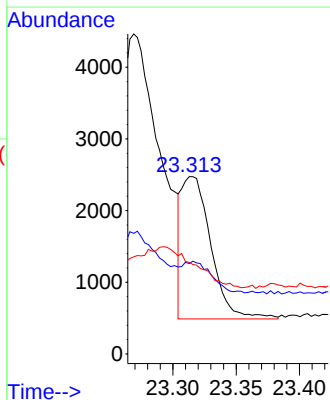
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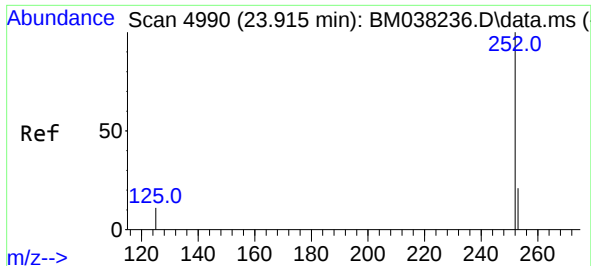
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

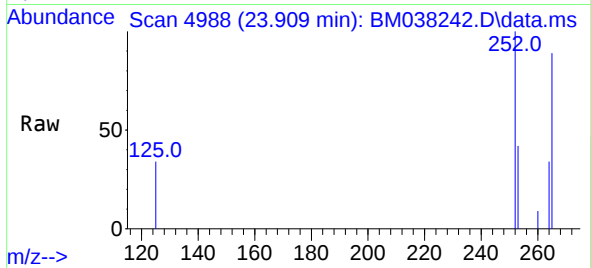
Tgt Ion:252 Resp: 3188
Ion Ratio Lower Upper
252 100
253 51.0 22.5 33.7#
125 51.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

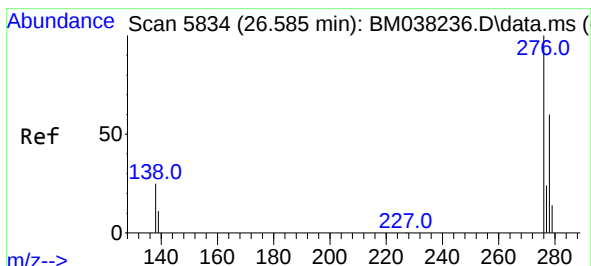
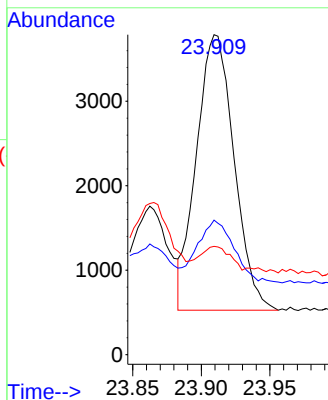
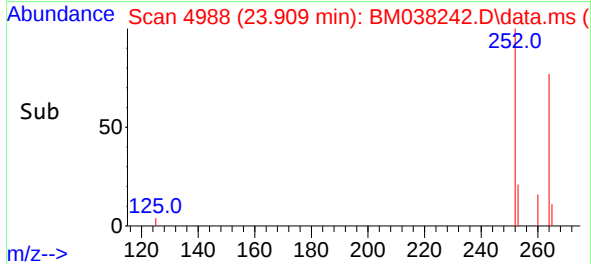
Instrument :
BNA_M
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DBXR7



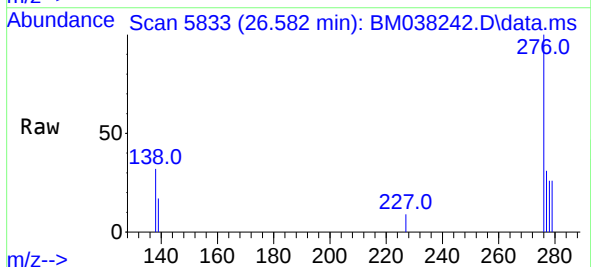
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Ion Ratio Lower Upper
252 100
253 42.1 24.2 36.4#
125 33.8 17.3 25.9#

Manual Integrations
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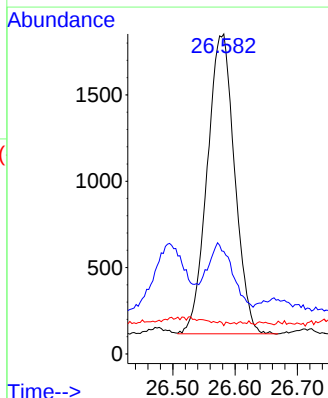
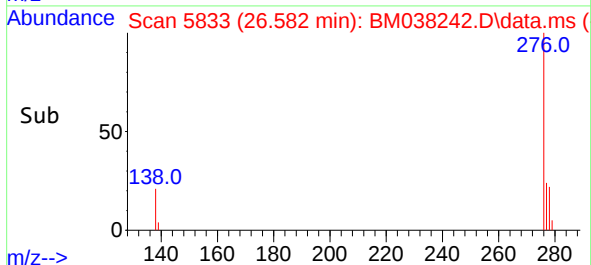
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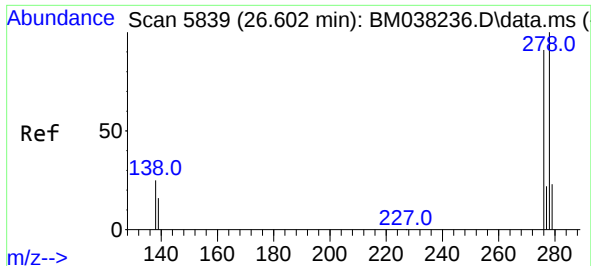


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038242.D
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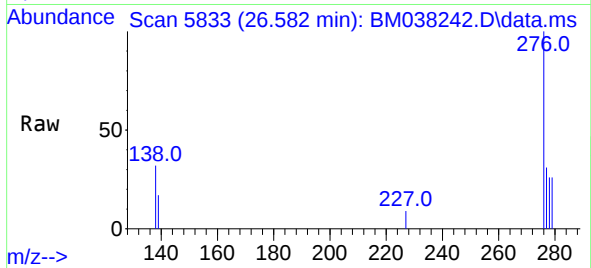
Tgt Ion:276 Resp: 5301
Ion Ratio Lower Upper
276 100
138 21.4 21.7 32.5#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.582 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57

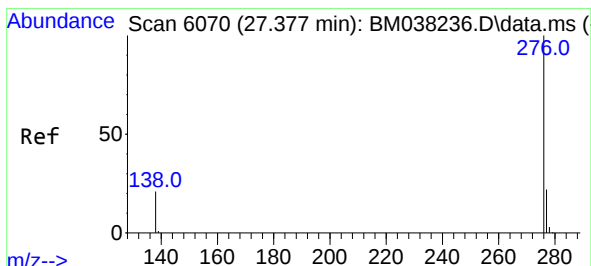
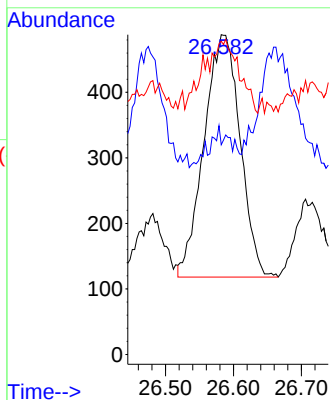
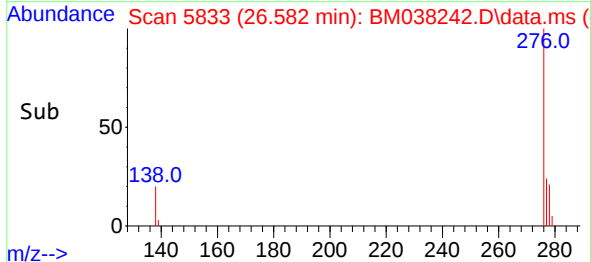
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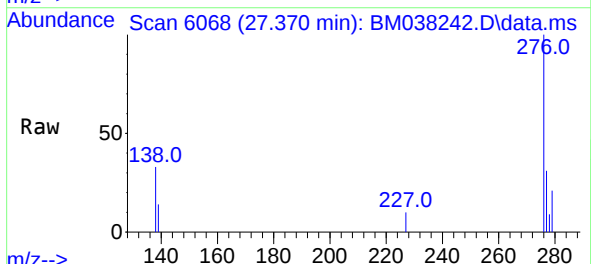
Tgt Ion:278 Resp: 1369
Ion Ratio Lower Upper
278 100
139 65.6 16.8 25.2#
279 98.0 23.4 35.2#

Manual Integrations
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Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038242.D
Acq: 23 Dec 2022 20:57



Tgt Ion:276 Resp: 5942
Ion Ratio Lower Upper
276 100
138 33.1 20.8 31.2#
277 31.0 20.5 30.7#

