

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038241.D
 Acq On : 23 Dec 2022 20:21
 Operator : CG/JU
 Sample : N6014-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR6

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:24:39 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	4026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12075	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6701	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13115	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8147	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	14625	3.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4177	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7376	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.442	178	3183	0.073	ng/ul#	91
19) Fluoranthene	19.450	202	8029	0.180	ng/ul#	91
20) Pyrene	19.817	202	6992m	0.155	ng/ul	
21) Benzo(a)anthracene	21.553	228	3302	0.092	ng/ul#	88
22) Chrysene	21.609	228	4224	0.121	ng/ul#	91
24) Benzo(b)fluoranthene	23.272	252	6155	0.167	ng/ul#	59
25) Benzo(k)fluoranthene	23.316	252	1918m	0.054	ng/ul	
26) Benzo(a)pyrene	23.912	252	3858	0.120	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.582	276	3343	0.075	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.592	278	875	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	3451	0.092	ng/ul#	75

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

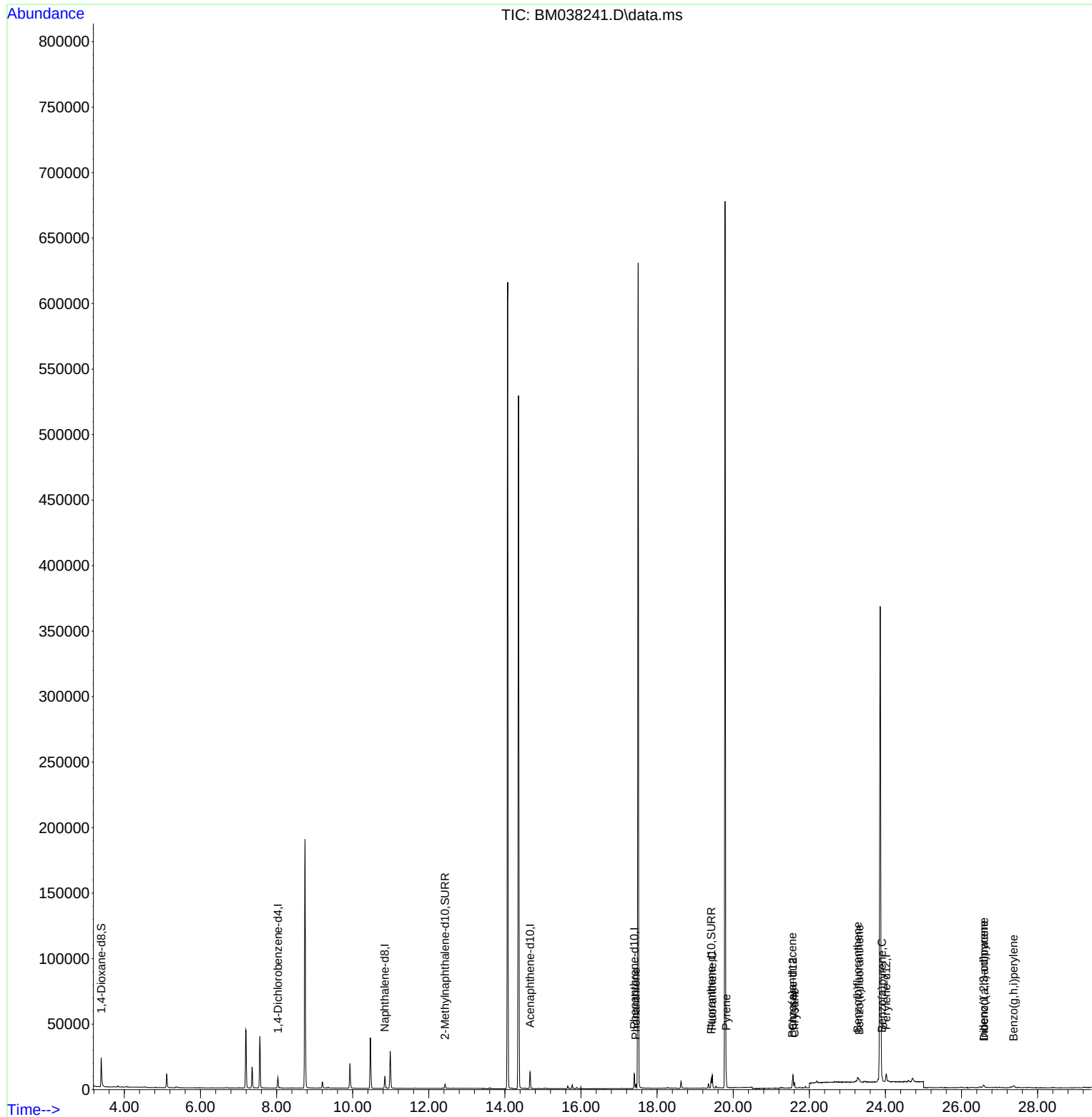
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038241.D
Acq On : 23 Dec 2022 20:21
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ALS Vial : 48 Sample Multiplier: 1

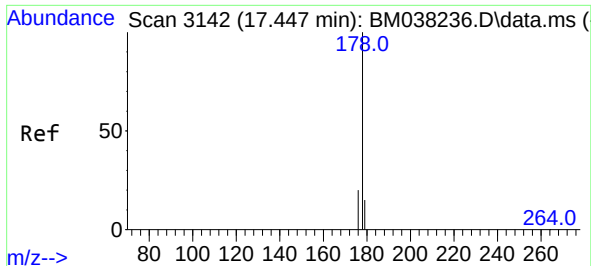
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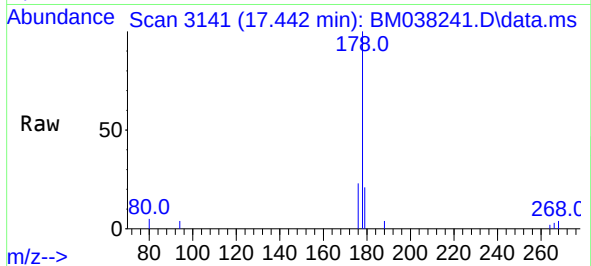
Quant Time: Dec 23 23:24:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#15
Phenanthrene
Concen: 0.073 ng/u1
RT: 17.442 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

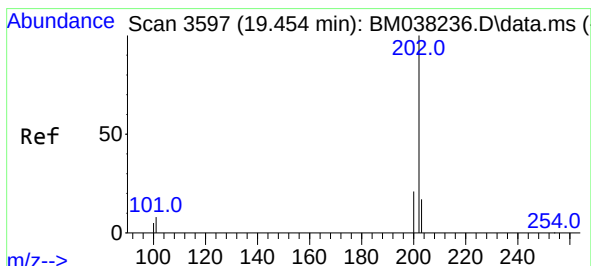
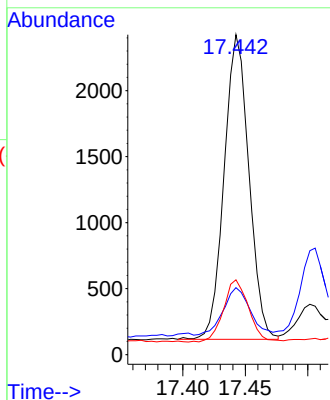
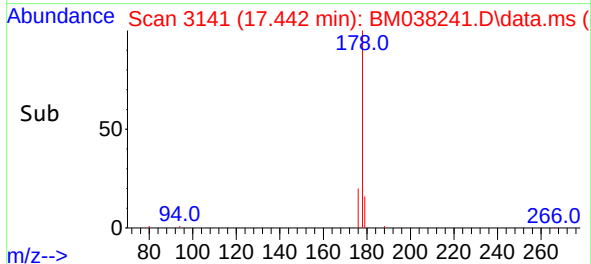
Instrument :
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Tgt Ion:178 Resp: 318
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.4#
176 23.4 16.2 24.4#

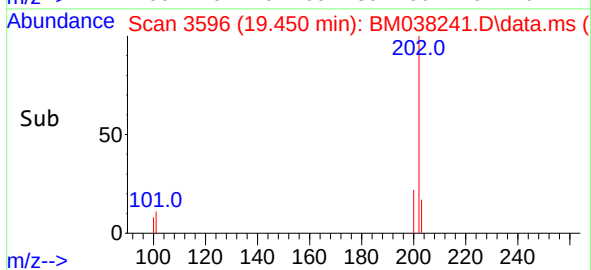
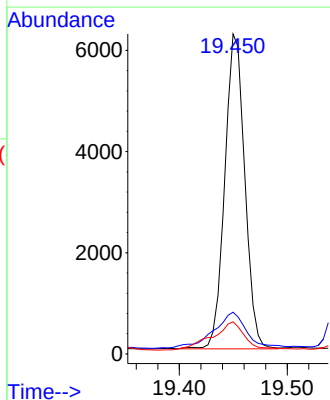
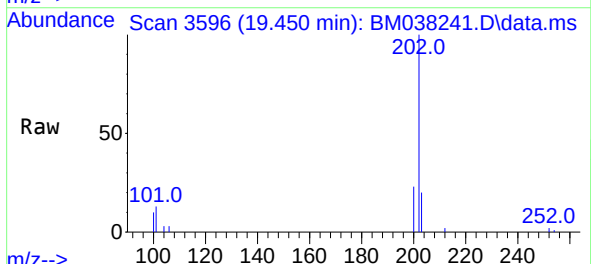
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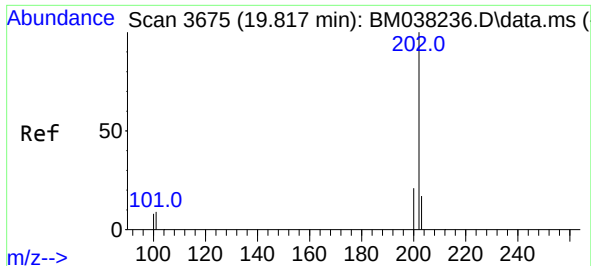
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Supervised By :Yogesh Patel 12/24/2022



#19
Fluoranthene
Concen: 0.180 ng/u1
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Tgt Ion:202 Resp: 8029
Ion Ratio Lower Upper
202 100
101 13.1 7.5 11.3#
100 10.0 5.6 8.4#





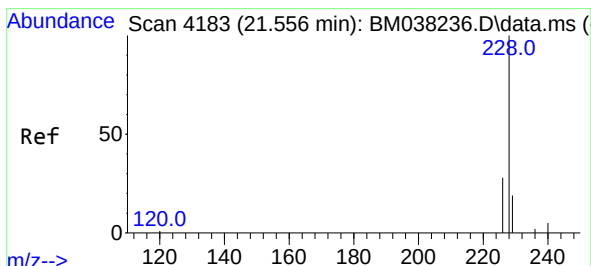
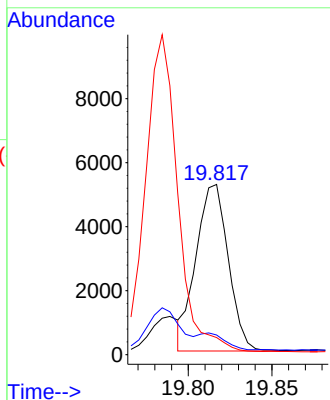
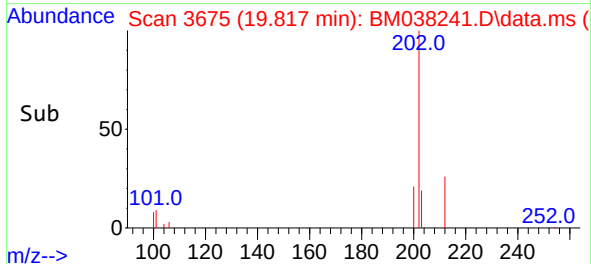
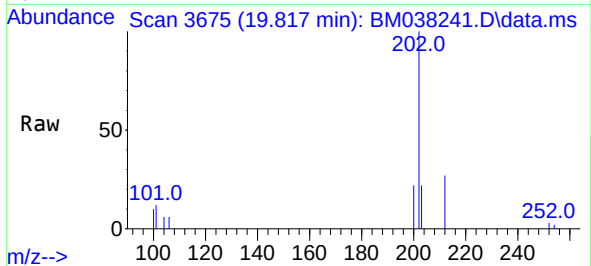
#20
Pyrene
Concen: 0.155 ng/ul m
RT: 19.817 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Instrument :
BNA_M
ClientSampleId :
DBXR6

Tgt Ion:202 Resp: 6992
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 10.1 7.4 11.0

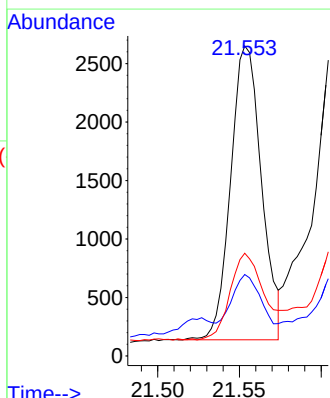
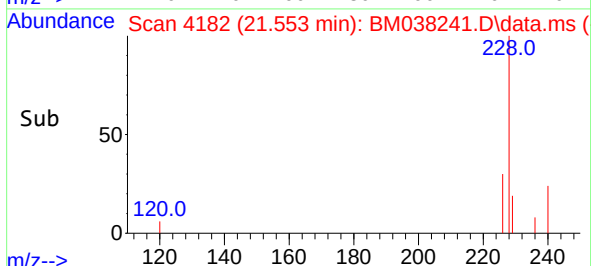
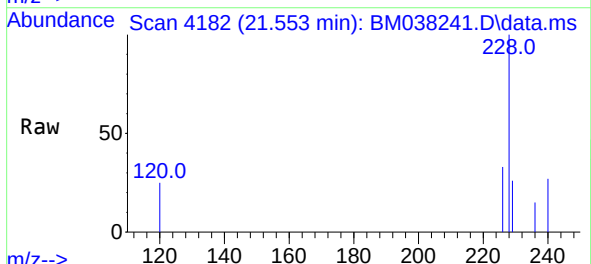
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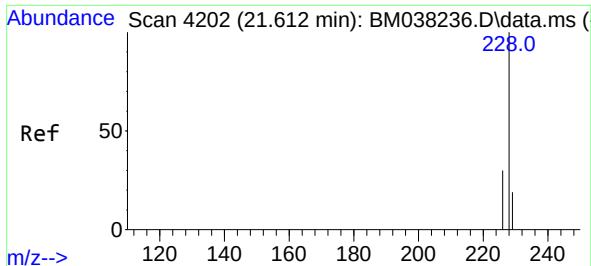
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#21
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

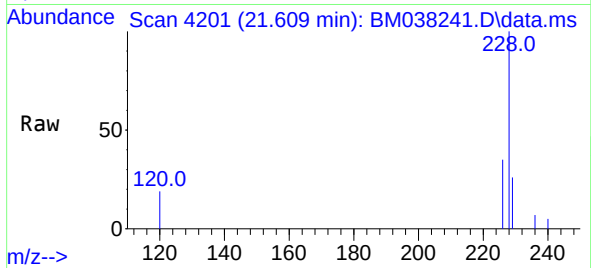
Tgt Ion:228 Resp: 3302
Ion Ratio Lower Upper
228 100
229 26.3 15.5 23.3#
226 33.2 22.2 33.2





#22
Chrysene
Concen: 0.121 ng/u1
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

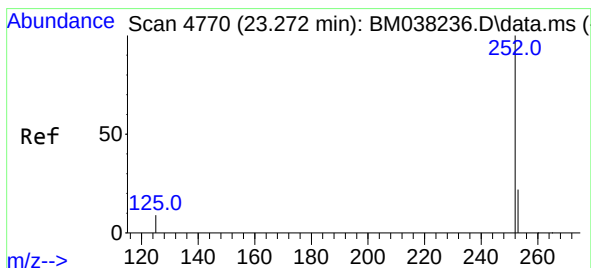
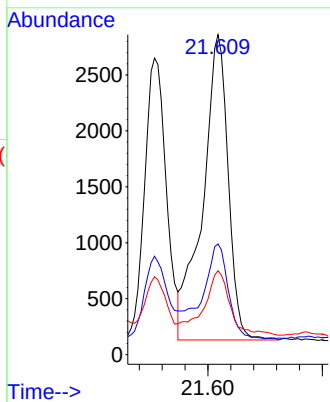
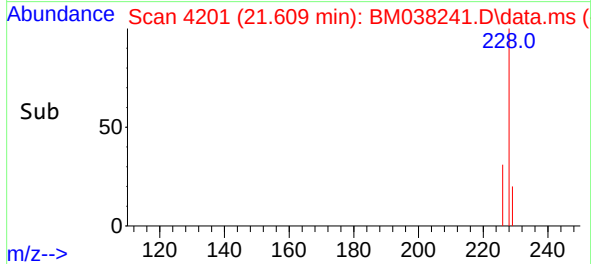
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 4224
Ion Ratio Lower Upper
228 100
226 34.6 25.0 37.4
229 26.3 16.0 24.0

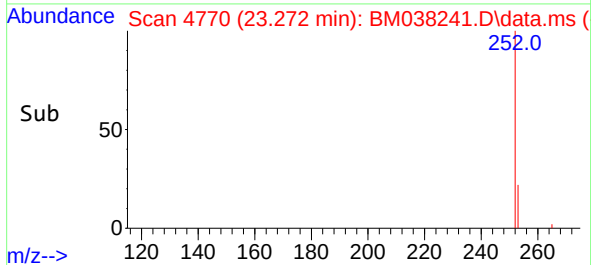
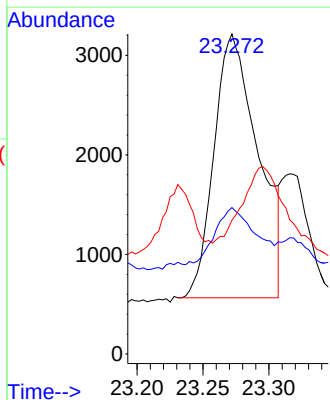
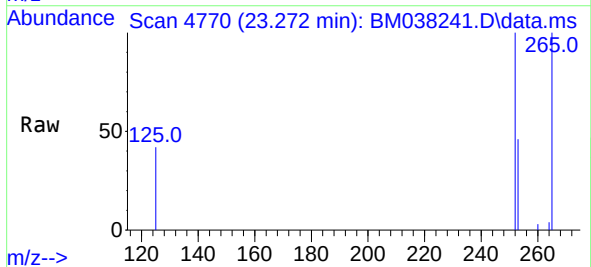
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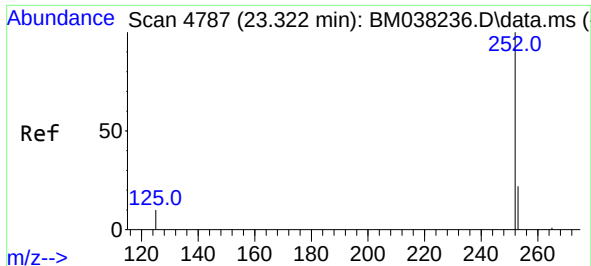
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#24
Benzo(b)fluoranthene
Concen: 0.167 ng/u1
RT: 23.272 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

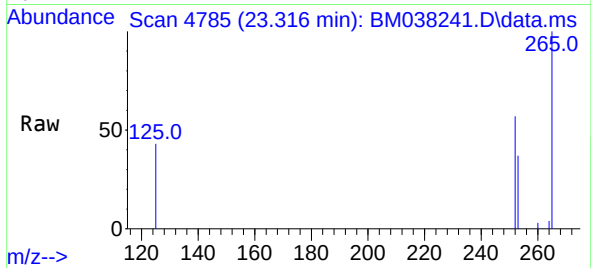
Tgt Ion:252 Resp: 6155
Ion Ratio Lower Upper
252 100
253 45.8 0.0 56.0
125 41.8 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.316 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

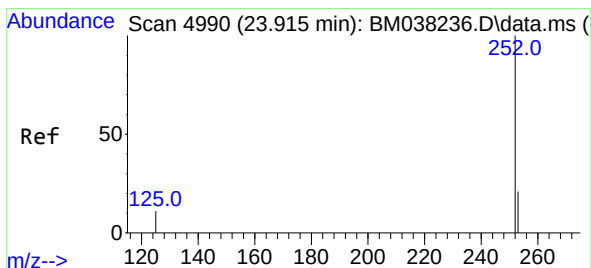
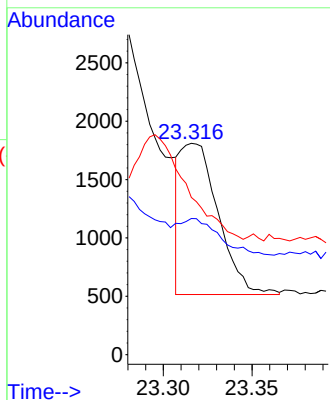
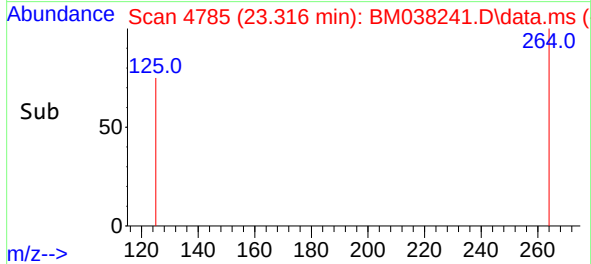
Instrument :
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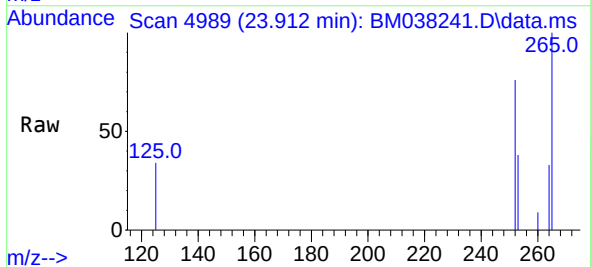
Tgt Ion:252 Resp: 1918
Ion Ratio Lower Upper
252 100
253 64.5 22.5 33.7
125 74.5 14.4 21.6

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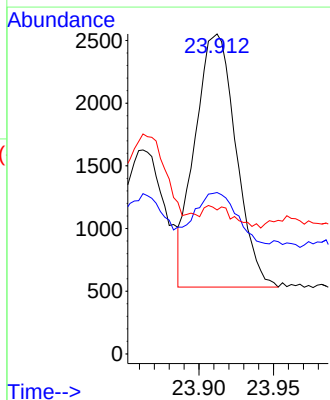
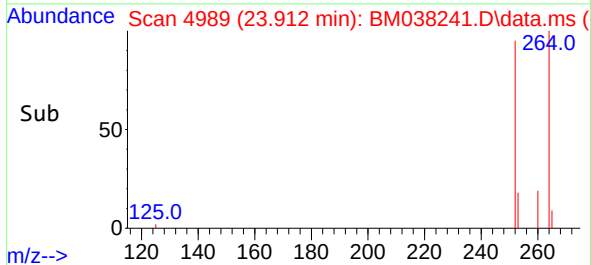
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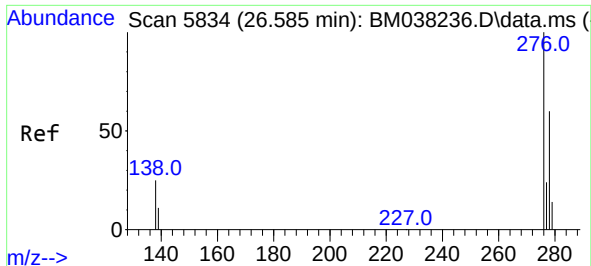


#26
Benzo(a)pyrene
Concen: 0.120 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21



Tgt Ion:252 Resp: 3858
Ion Ratio Lower Upper
252 100
253 50.4 24.2 36.4#
125 45.0 17.3 25.9#





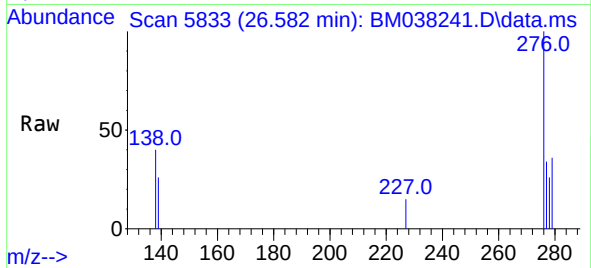
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Instrument :

BNA_M

ClientSampleId :

DBXR6

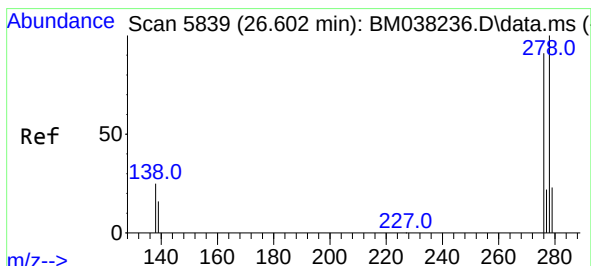
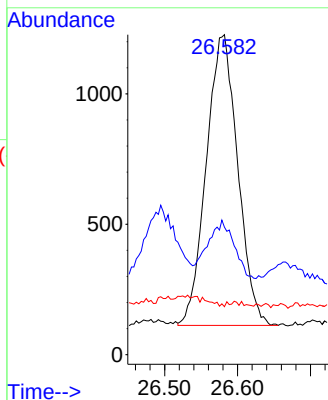
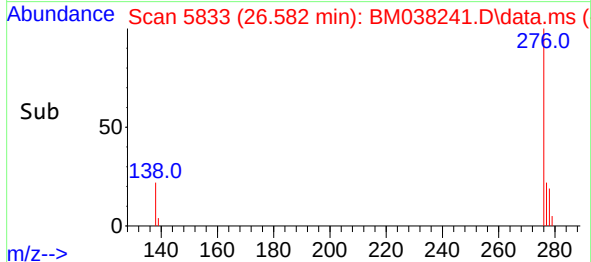


Tgt Ion:276 Resp: 334
Ion Ratio Lower Upper
276 100
138 23.4 21.7 32.5
227 0.7 0.0 0.0

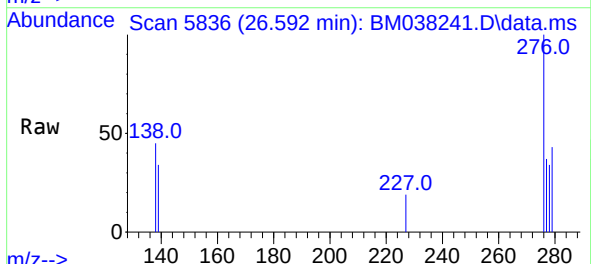
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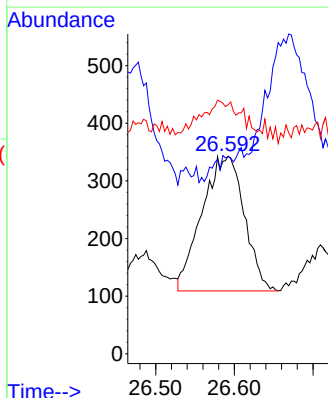
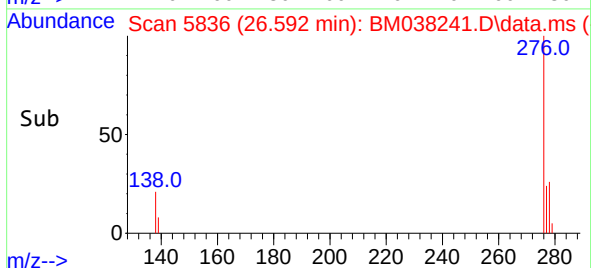
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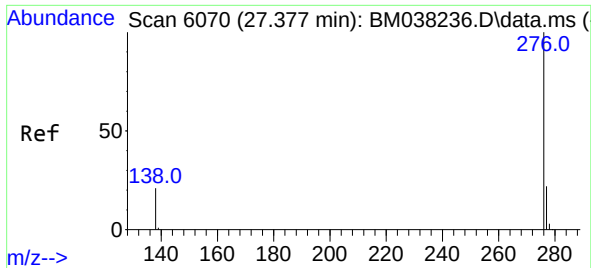


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21



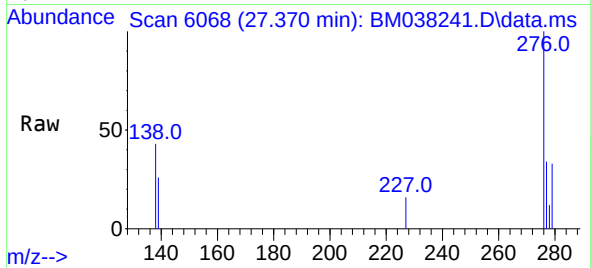
Tgt Ion:278 Resp: 875
Ion Ratio Lower Upper
278 100
139 99.7 16.8 25.2#
279 125.9 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 27.370 min Scan# 6070
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Instrument :
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Tgt Ion:276 Resp: 345
Ion Ratio Lower Upper
276 100
138 43.1 20.8 31.2
277 33.9 20.5 30.7

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