

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044119.D
 Acq On : 16 Feb 2024 02:26
 Operator : MA/JU
 Sample : P1329-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 03:02:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	8539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	16112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	33985m	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	22480m	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	22691m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	66488	5.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	15591	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	31805m	0.474	ng/ul	0.00
Target Compounds						
						Qvalue
14) Pentachlorophenol	16.943	266	344	0.028	ng/ul	96
15) Phenanthrene	17.339	178	7440	0.069	ng/ul	96
19) Fluoranthene	19.360	202	19613m	0.191	ng/ul	
20) Pyrene	19.727	202	16868m	0.157	ng/ul	
21) Benzo(a)anthracene	21.481	228	7646m	0.074	ng/ul	
22) Chrysene	21.534	228	7603m	0.068	ng/ul	
24) Benzo(b)fluoranthene	23.162	252	7702m	0.082	ng/ul	
25) Benzo(k)fluoranthene	23.209	252	2934m	0.029	ng/ul	
26) Benzo(a)pyrene	23.785	252	4312m	0.050	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.366	276	2353m	0.021	ng/ul	
29) Benzo(g,h,i)perylene	27.127	276	2104m	0.021	ng/ul	

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

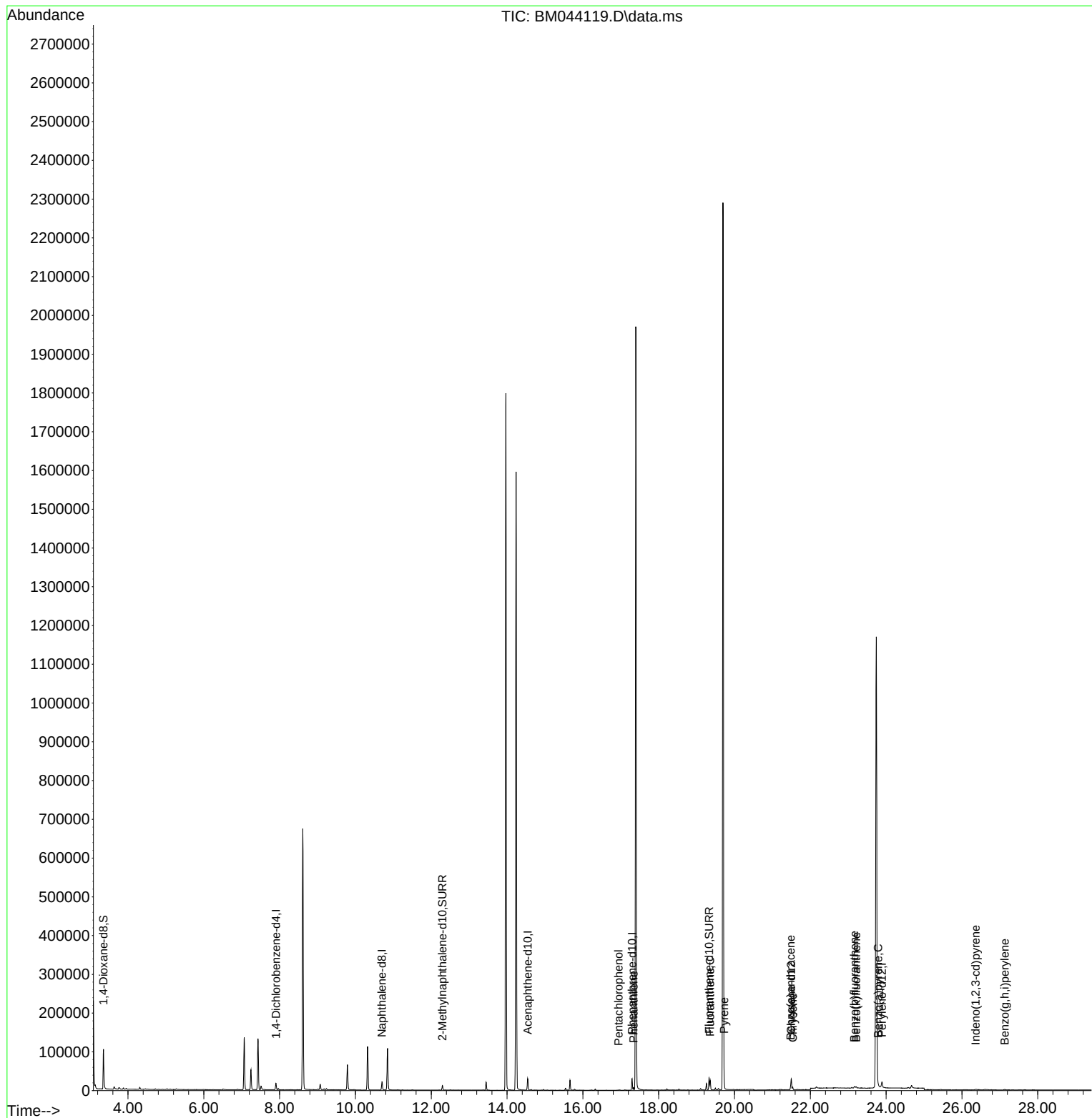
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
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ALS Vial : 29 Sample Multiplier: 1

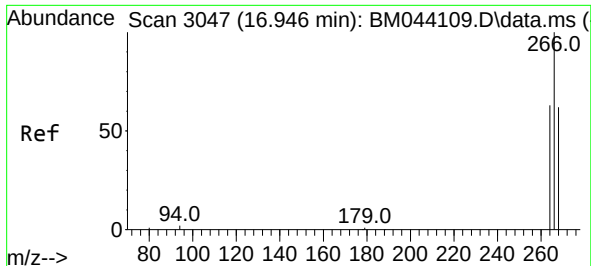
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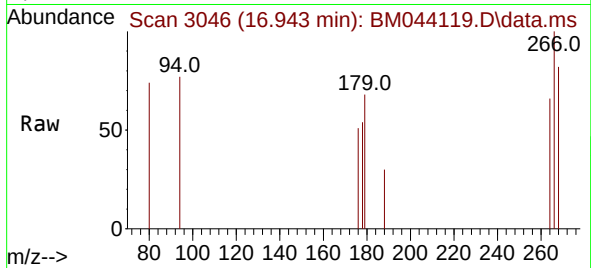
Quant Time: Feb 17 03:02:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#14
Pentachlorophenol
Concen: 0.028 ng/uI
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

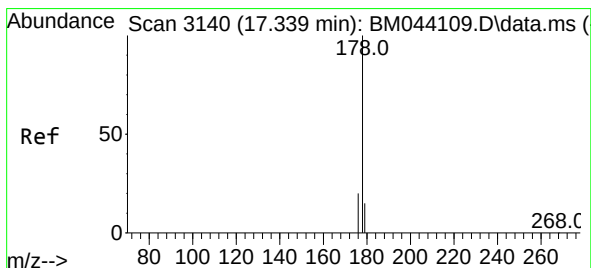
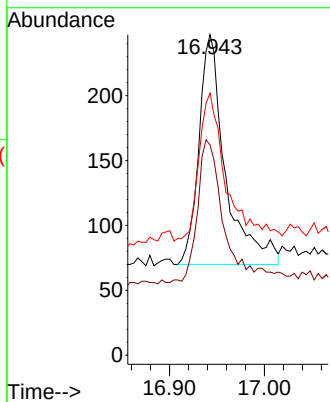
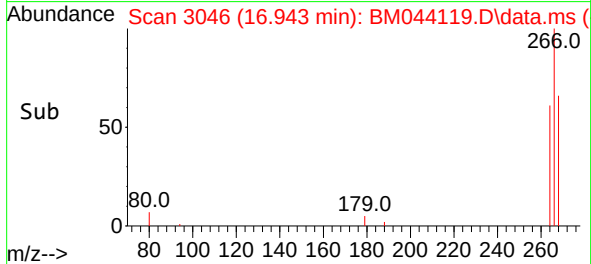
Instrument :
BNA_M
ClientSampleId :
C0FM4



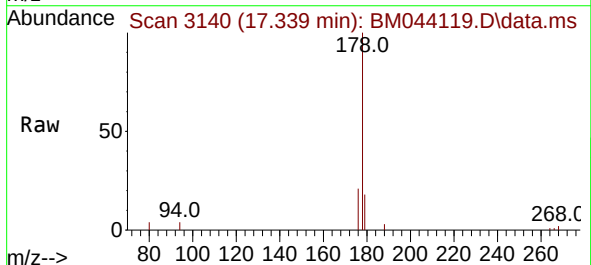
Tgt Ion:266 Resp: 3440
Ion Ratio Lower Upper
266 100
264 64.5 49.4 74.0
268 69.2 52.1 78.1

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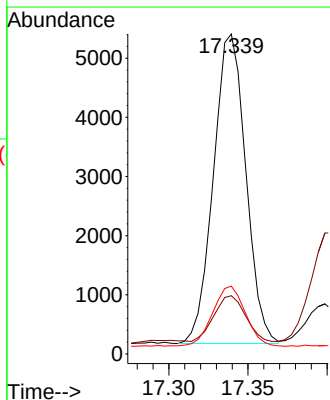
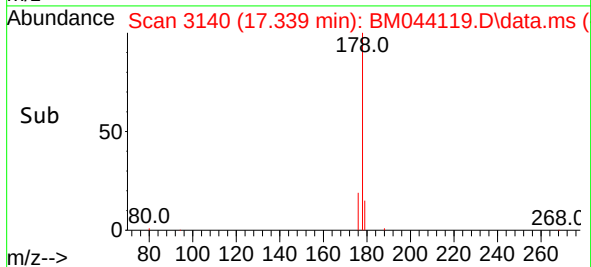
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

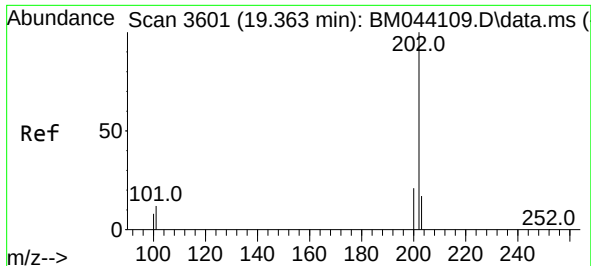


#15
Phenanthrene
Concen: 0.069 ng/uI
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26



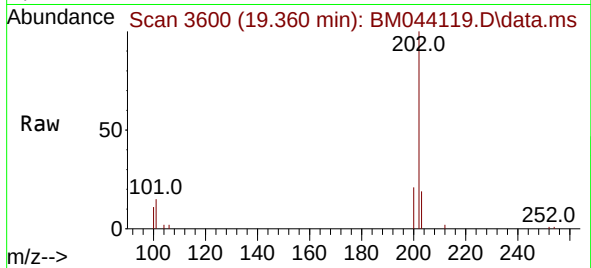
Tgt Ion:178 Resp: 7440
Ion Ratio Lower Upper
178 100
179 18.2 12.6 19.0
176 21.2 16.0 24.0





#19
Fluoranthene
Concen: 0.191 ng/ul m
RT: 19.360 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

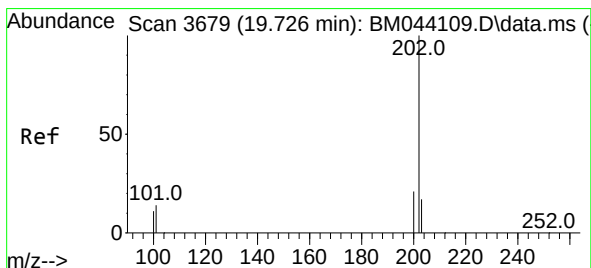
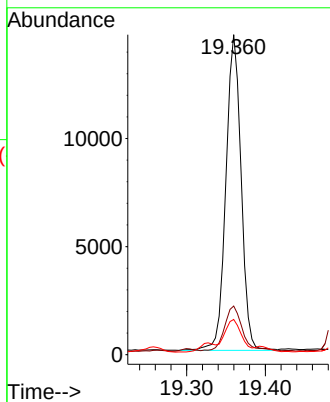
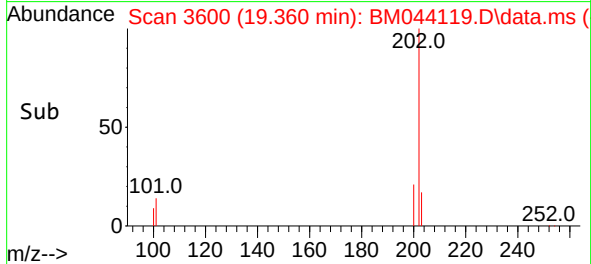
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 1961
Ion Ratio Lower Upper
202 100
101 15.2 9.8 14.6
100 11.0 7.0 10.4

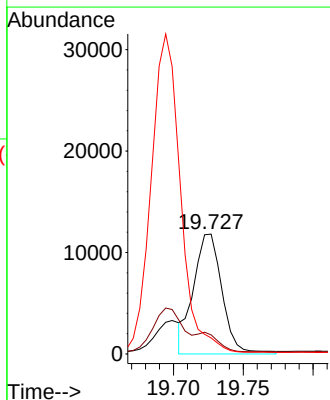
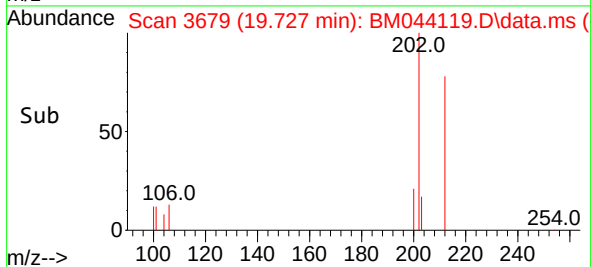
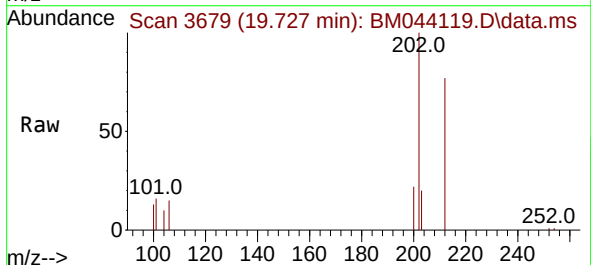
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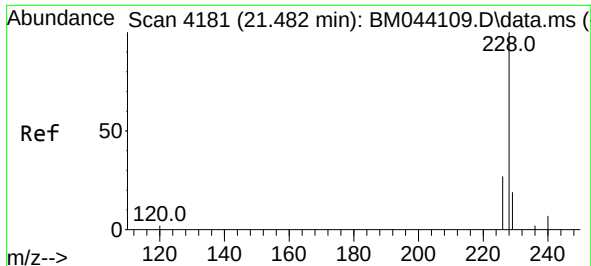
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.157 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

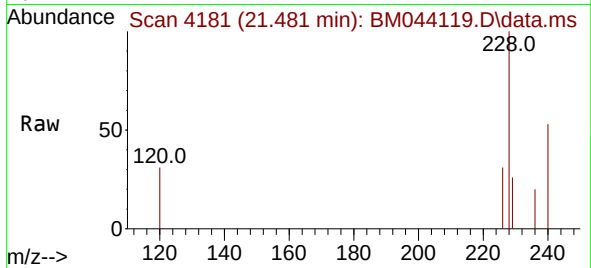
Tgt Ion:202 Resp: 16868
Ion Ratio Lower Upper
202 100
101 15.9 11.2 16.8
100 13.4 8.6 13.0





#21
Benzo(a)anthracene
Concen: 0.074 ng/ul m
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

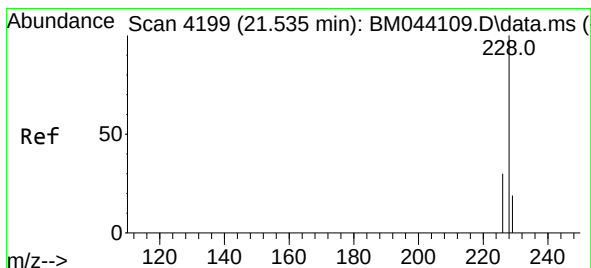
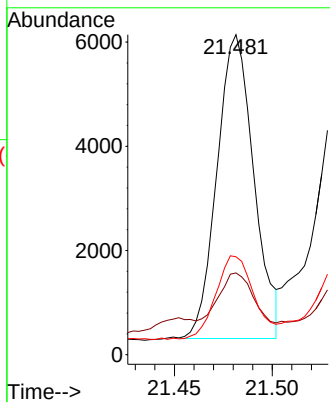
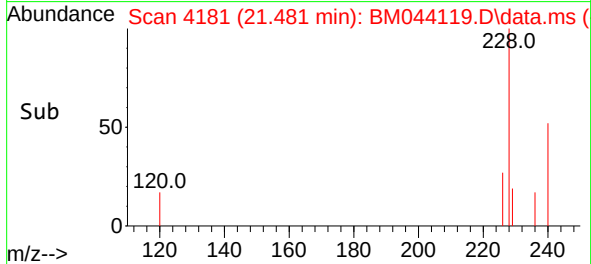
Instrument :
BNA_M
ClientSampleId :
C0FM4



Tgt Ion:228 Resp: 7640
Ion Ratio Lower Upper
228 100
229 25.6 15.4 23.2
226 30.6 22.1 33.1

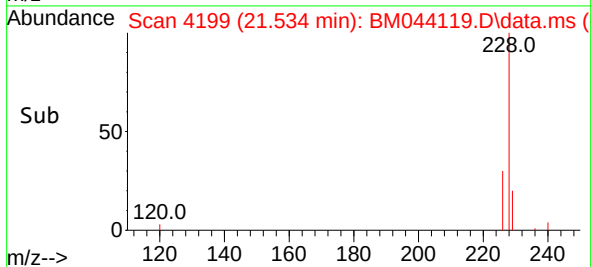
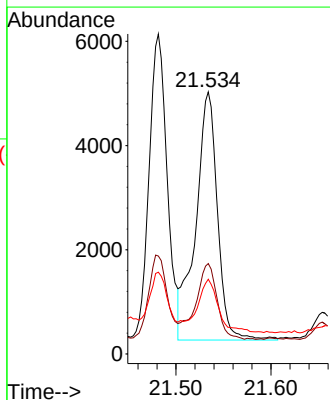
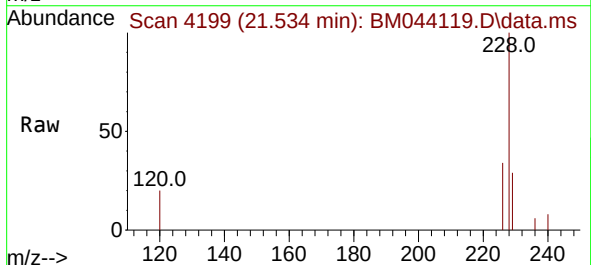
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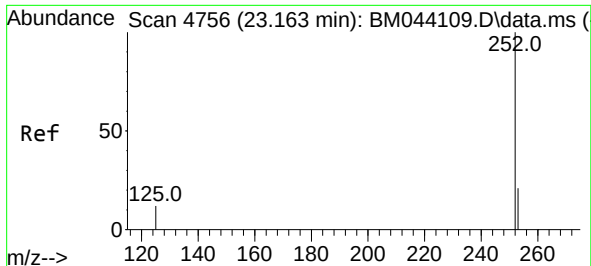
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#22
Chrysene
Concen: 0.068 ng/ul m
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

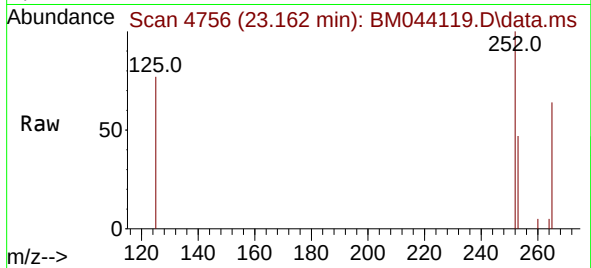
Tgt Ion:228 Resp: 7603
Ion Ratio Lower Upper
228 100
226 34.5 24.2 36.2
229 28.5 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.162 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

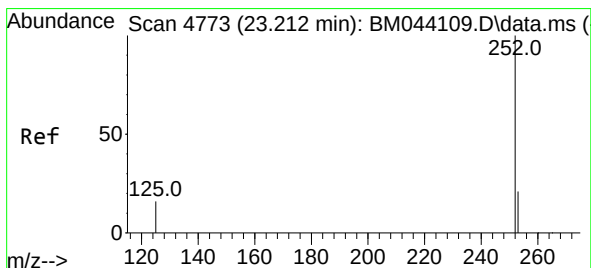
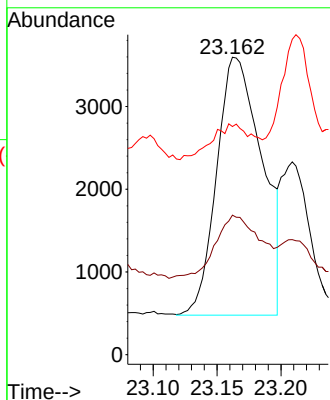
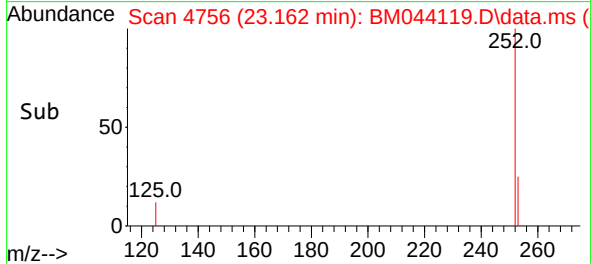
Instrument :
BNA_M
ClientSampleId :
C0FM4



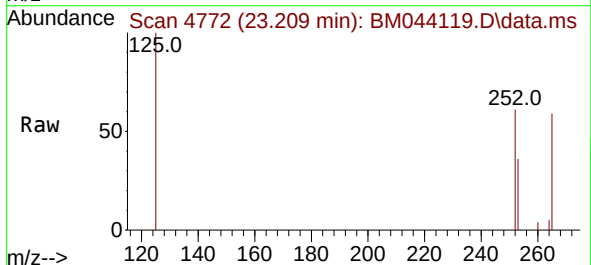
Tgt Ion:252 Resp: 7702
Ion Ratio Lower Upper
252 100
253 46.9 0.0 50.0
125 76.7 0.0 28.2

Manual Integrations
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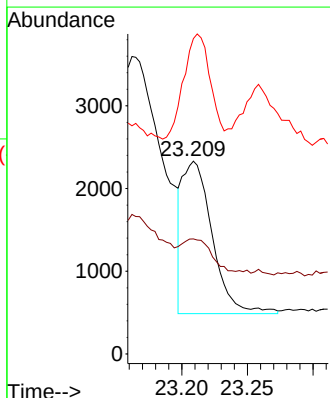
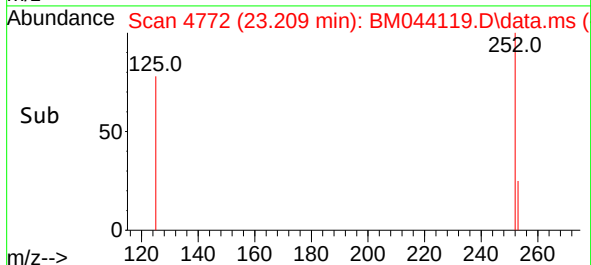
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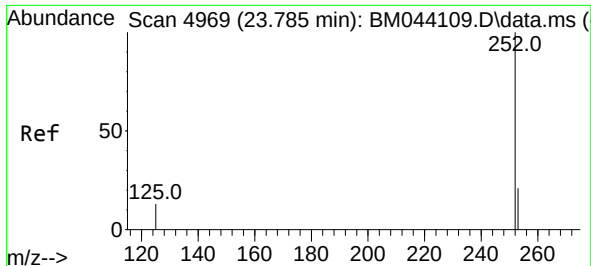


#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26



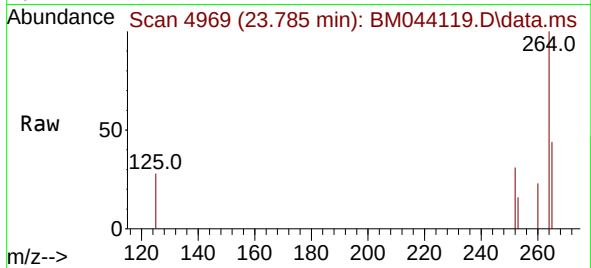
Tgt Ion:252 Resp: 2934
Ion Ratio Lower Upper
252 100
253 59.6 20.1 30.1#
125 163.5 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.050 ng/ul m
RT: 23.785 min Scan# 4969
Delta R.T. -0.001 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

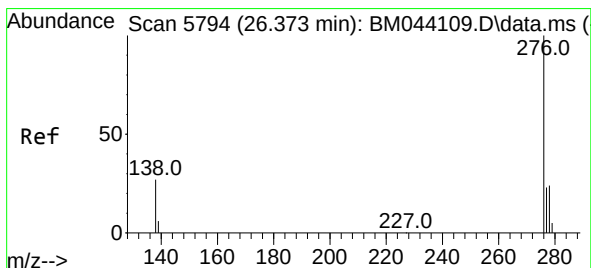
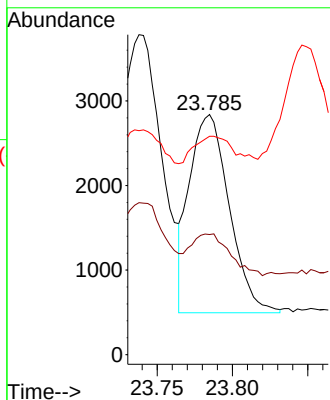
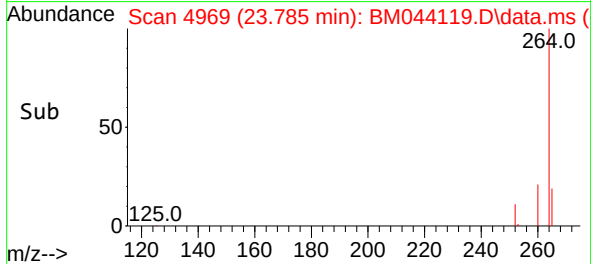
Instrument :
BNA_M
ClientSampleId :
C0FM4



Tgt Ion:252 Resp: 431
Ion Ratio Lower Upper
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253 50.0 21.4 32.2
125 91.0 13.3 19.9

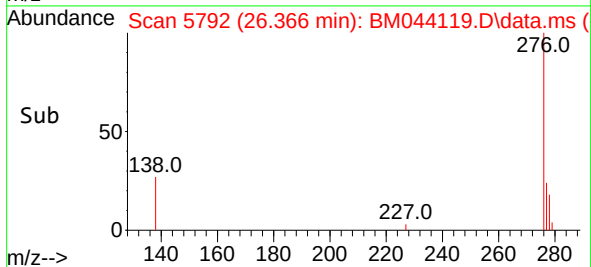
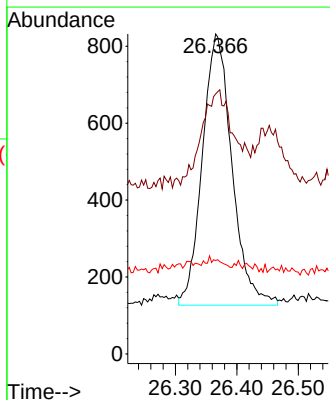
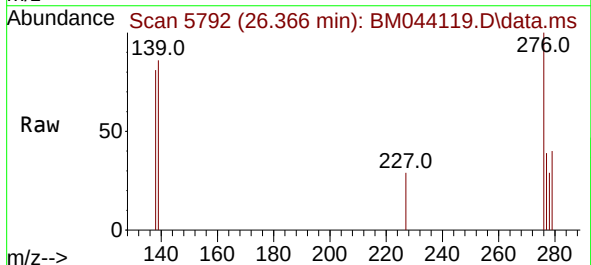
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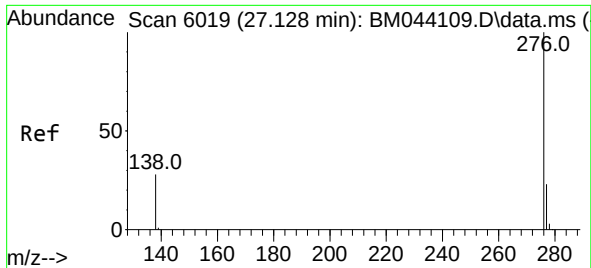
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul m
RT: 26.366 min Scan# 5792
Delta R.T. -0.004 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

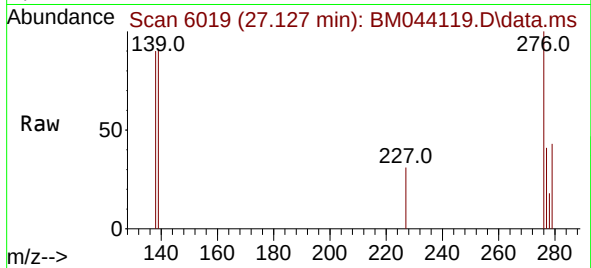
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Ion Ratio Lower Upper
276 100
138 0.0 25.2 37.8#
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul m
RT: 27.127 min Scan# 6019
Delta R.T. -0.001 min
Lab File: BM044119.D
Acq: 16 Feb 2024 02:26

Instrument :
BNA_M
ClientSampleId :
C0FM4



Tgt Ion:276 Resp: 2104
Ion Ratio Lower Upper
276 100
138 89.8 22.7 34.1
277 40.6 19.0 28.6

Manual Integrations
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