

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046917.D
 Acq On : 30 Jul 2024 12:15
 Operator : MA/JU
 Sample : P3336-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E30

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 13:33:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2357	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	14074	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	4716	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	9592m	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	5702	0.400	ng/ul	0.00
23) Perylene-d12	23.198	264	5361m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5622	3.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.810	152	3024	0.135	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	5646	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.895	178	1694	0.061	ng/ul#	91
19) Fluoranthene	18.931	202	6123	0.245	ng/ul	99
20) Pyrene	19.294	202	4383m	0.169	ng/ul	
21) Benzo(a)anthracene	21.059	228	843	0.035	ng/ul#	79
22) Chrysene	21.111	228	1004	0.042	ng/ul#	80
24) Benzo(b)fluoranthene	22.569	252	1196m	0.051	ng/ul	
25) Benzo(k)fluoranthene	22.610	252	535m	0.023	ng/ul	
26) Benzo(a)pyrene	23.107	252	587	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.296	276	612	0.024	ng/ul#	90
29) Benzo(g,h,i)perylene	25.930	276	585	0.026	ng/ul#	13

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

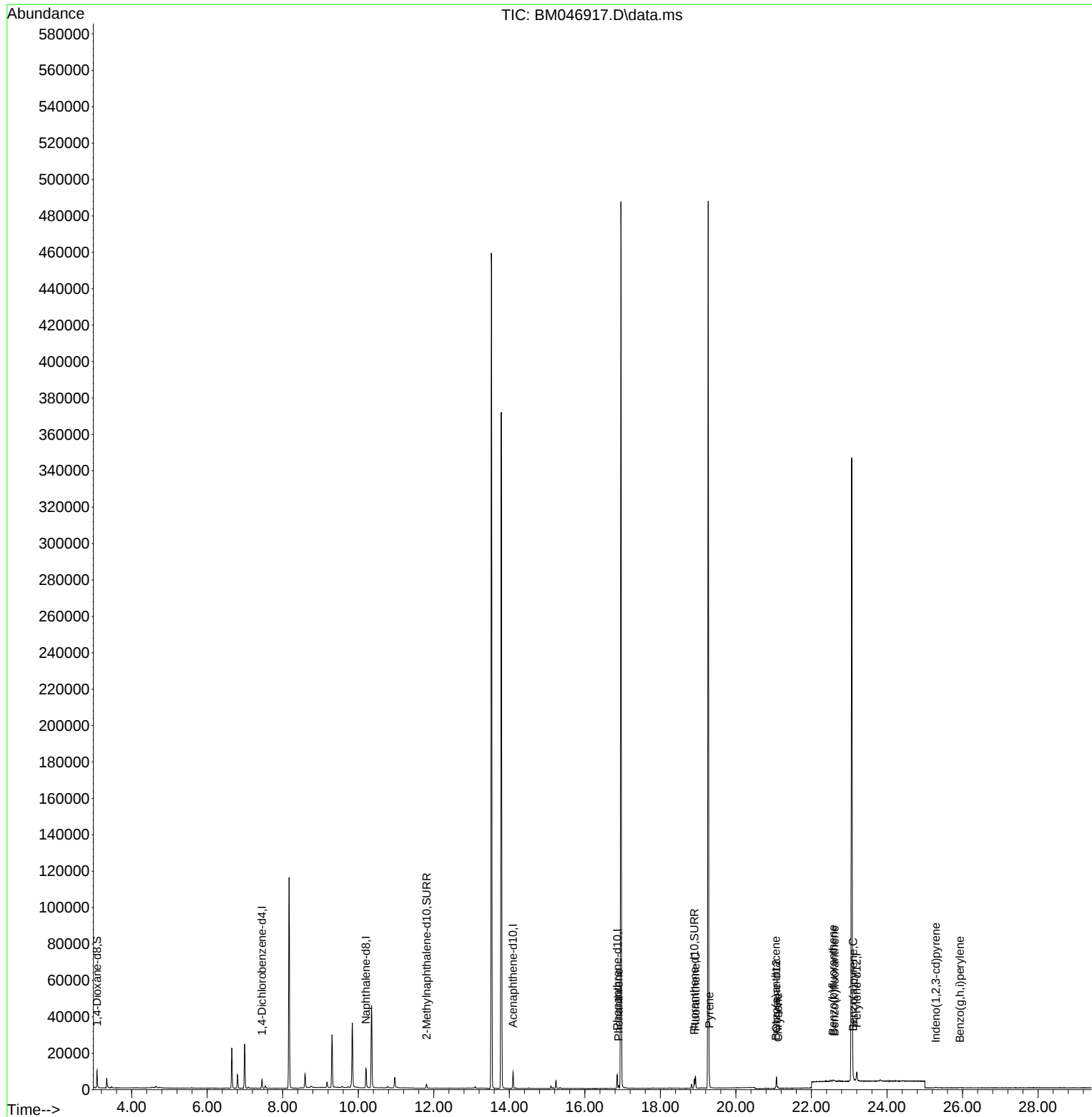
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
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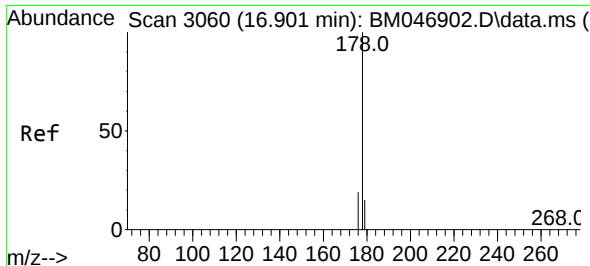
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
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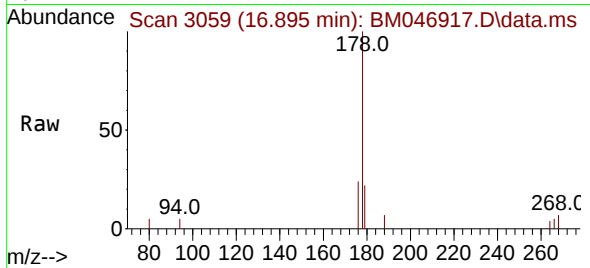
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024





#15
Phenanthrene
Concen: 0.061 ng/u1
RT: 16.895 min Scan# 3060
Delta R.T. -0.006 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

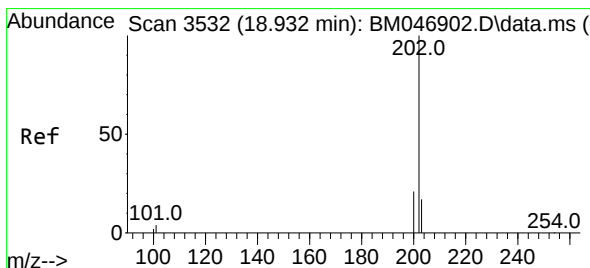
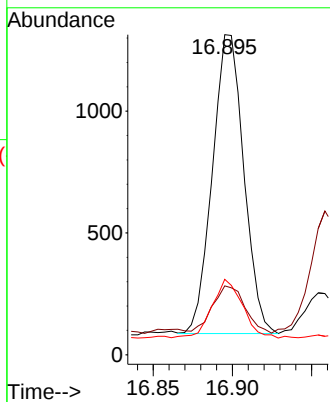
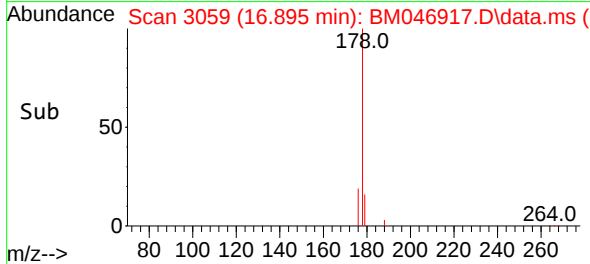
Instrument :
BNA_M
ClientSampleId :
F7E30



Tgt Ion:178 Resp: 1694
Ion Ratio Lower Upper
178 100
179 21.5 13.4 20.2
176 23.6 16.1 24.1

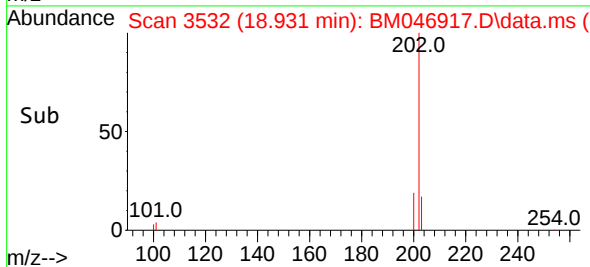
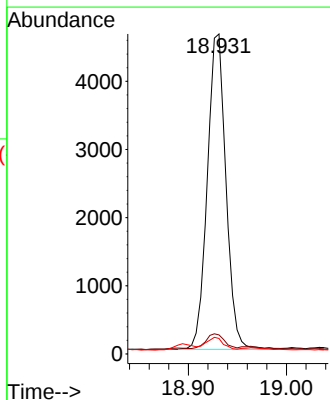
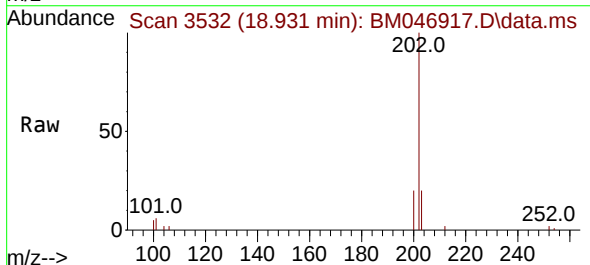
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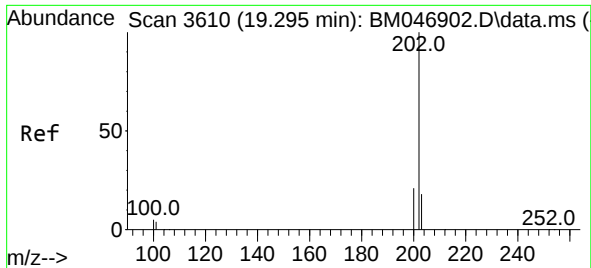
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#19
Fluoranthene
Concen: 0.245 ng/u1
RT: 18.931 min Scan# 3532
Delta R.T. -0.001 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

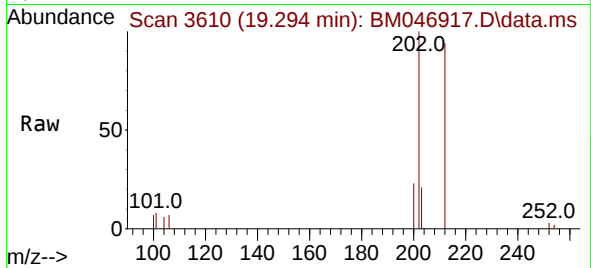
Tgt Ion:202 Resp: 6123
Ion Ratio Lower Upper
202 100
101 5.9 4.7 7.1
100 4.9 3.4 5.2





#20
Pyrene
Concen: 0.169 ng/ul m
RT: 19.294 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

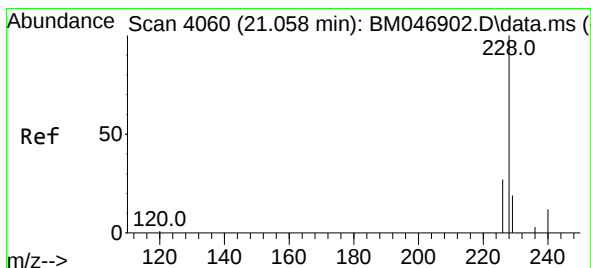
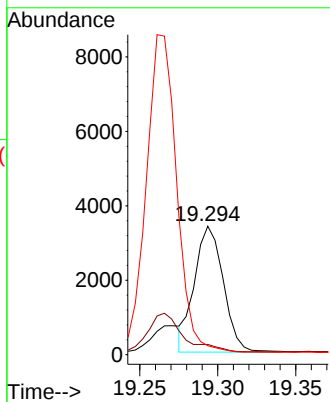
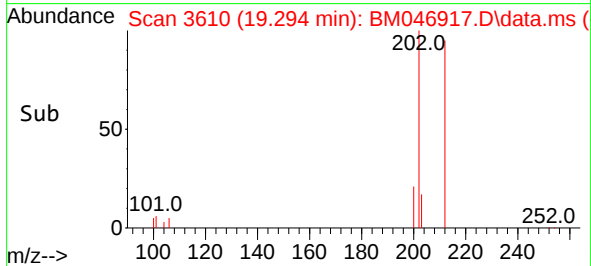
Instrument :
BNA_M
ClientSampleId :
F7E30



Tgt Ion:202 Resp: 438
Ion Ratio Lower Upper
202 100
101 8.0 5.2 7.8
100 6.9 4.3 6.5

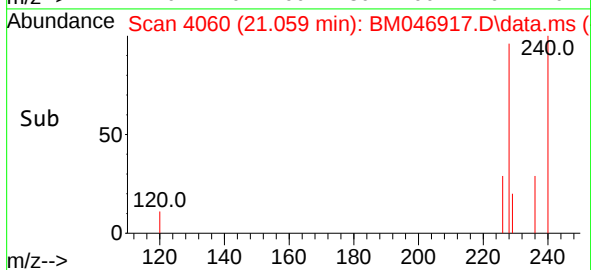
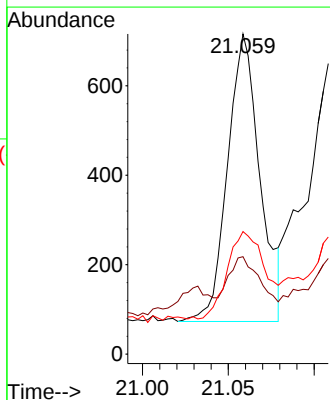
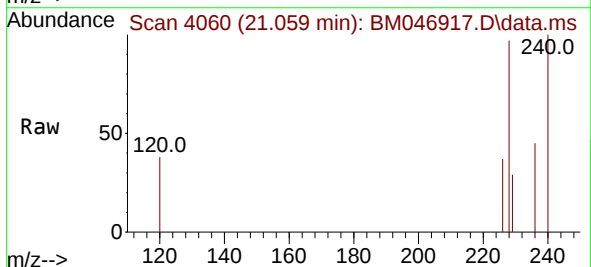
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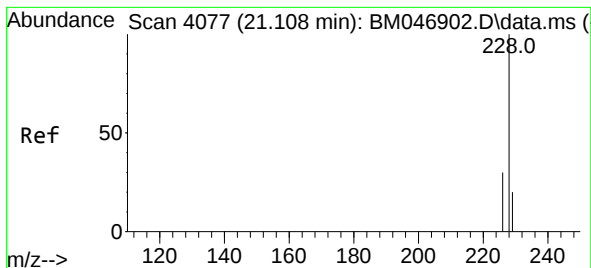
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. 0.000 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

Tgt Ion:228 Resp: 843
Ion Ratio Lower Upper
228 100
229 30.4 16.3 24.5#
226 38.3 22.3 33.5#





#22

Chrysene

Concen: 0.042 ng/ul

RT: 21.111 min Scan# 4078

Delta R.T. 0.003 min

Lab File: BM046917.D

Acq: 30 Jul 2024 12:15

Instrument :

BNA_M

ClientSampleId :

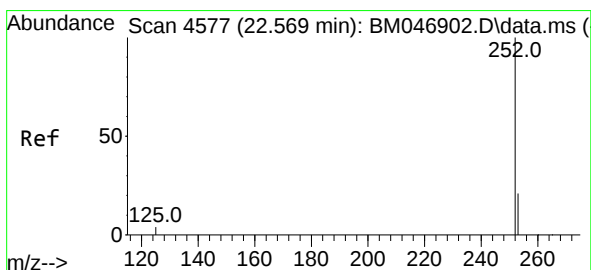
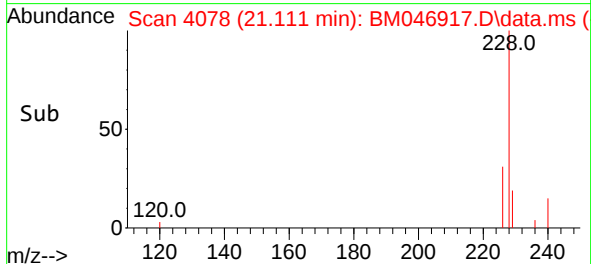
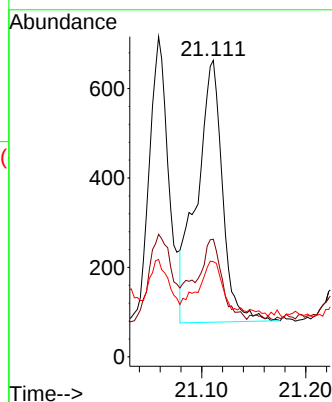
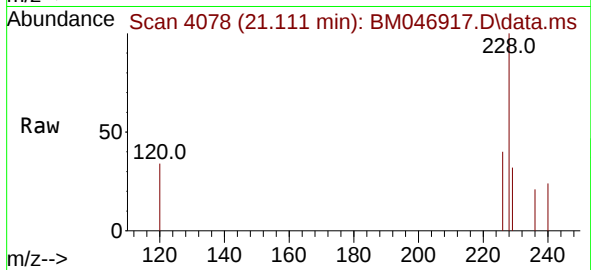
F7E30

Tgt Ion:	228	Resp:	100
Ion Ratio	Lower	Upper	
228	100		
226	39.7	24.5	36.7
229	32.1	16.2	24.2

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#24

Benzo(b)fluoranthene

Concen: 0.051 ng/ul m

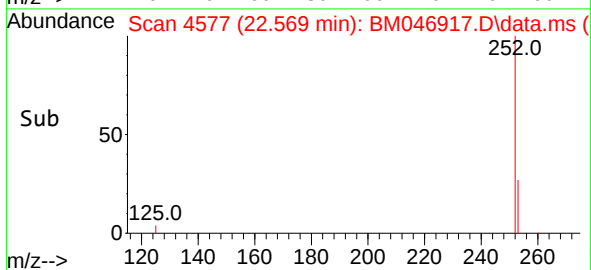
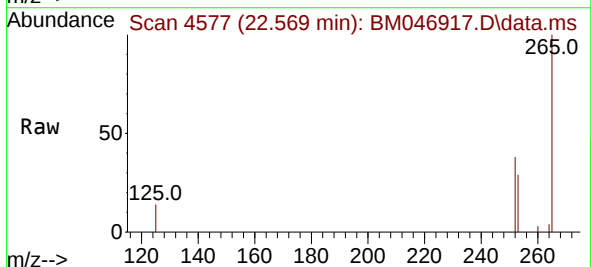
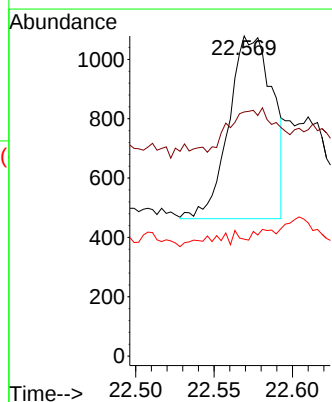
RT: 22.569 min Scan# 4577

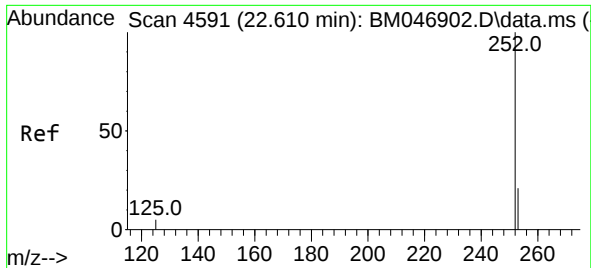
Delta R.T. 0.000 min

Lab File: BM046917.D

Acq: 30 Jul 2024 12:15

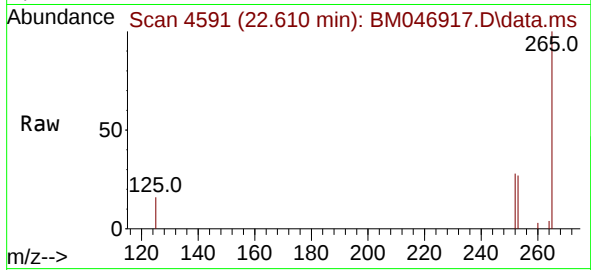
Tgt Ion:	252	Resp:	1196
Ion Ratio	Lower	Upper	
252	100		
253	76.3	0.0	56.4
125	36.5	0.0	15.8





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. 0.000 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

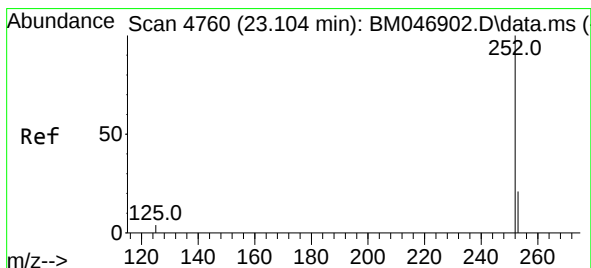
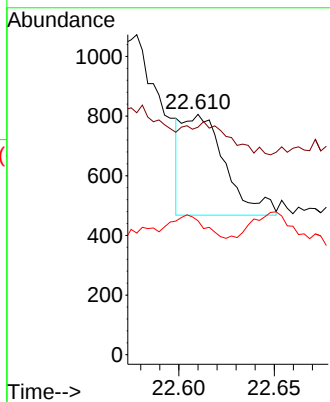
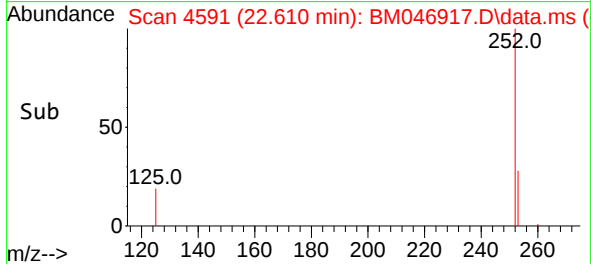
Instrument :
BNA_M
ClientSampleId :
F7E30



Tgt Ion:252 Resp: 539
Ion Ratio Lower Upper
252 100
253 94.7 23.5 35.3#
125 55.7 8.6 13.0#

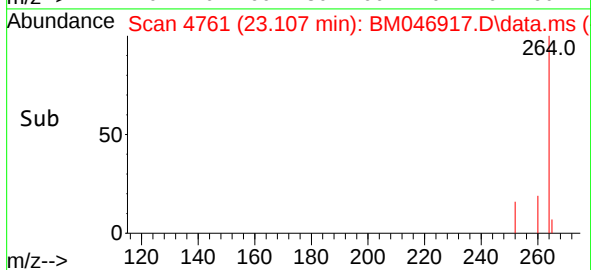
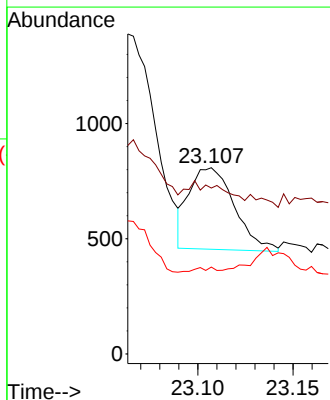
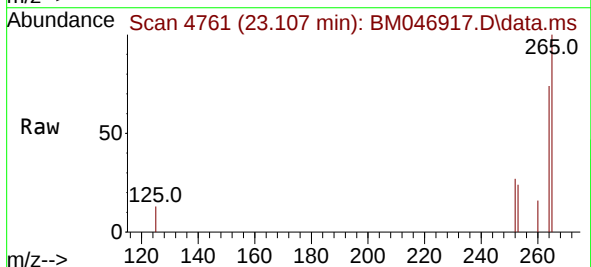
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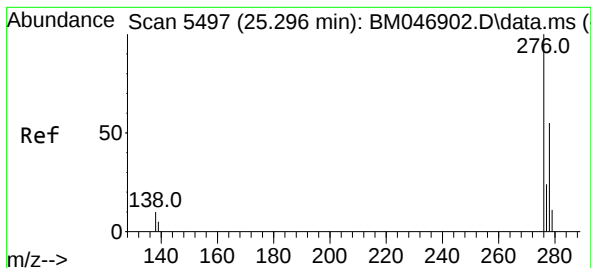
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.107 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

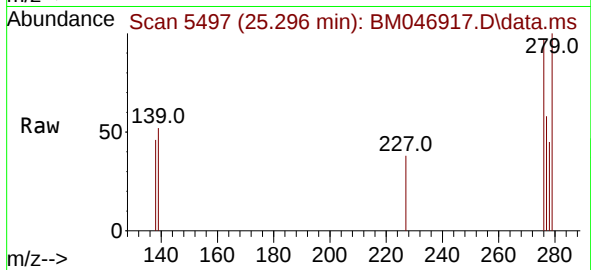
Tgt Ion:252 Resp: 587
Ion Ratio Lower Upper
252 100
253 89.1 26.0 39.0#
125 46.7 7.8 11.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.296 min Scan# 5497
Delta R.T. 0.000 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15

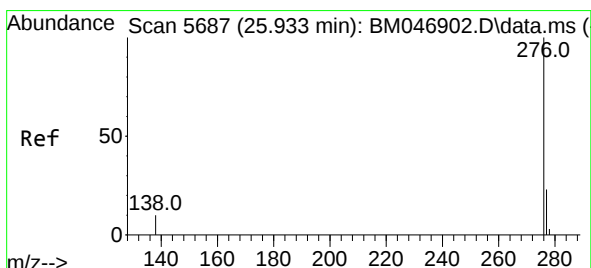
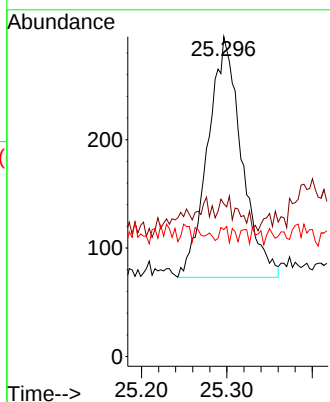
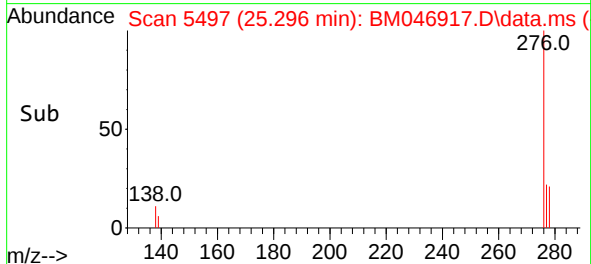
Instrument :
BNA_M
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F7E30



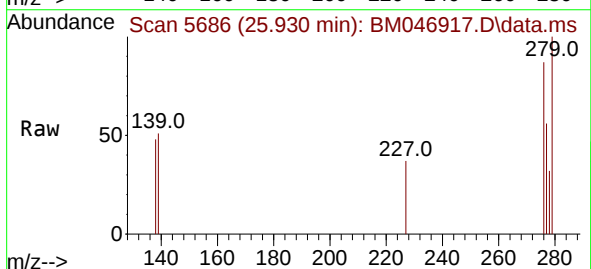
Tgt Ion:276 Resp: 612
Ion Ratio Lower Upper
276 100
138 8.0 9.7 14.5#
227 1.5 0.2 0.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 25.930 min Scan# 5686
Delta R.T. -0.003 min
Lab File: BM046917.D
Acq: 30 Jul 2024 12:15



Tgt Ion:276 Resp: 585
Ion Ratio Lower Upper
276 100
138 55.3 9.5 14.3#
277 64.8 20.9 31.3#

