

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048378.D
 Acq On : 01 Nov 2024 04:05
 Operator : RC/JU
 Sample : P4592-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 07:05:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	4750	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.496	136	15448	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.349	164	8395	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	16905m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.286	240	13838m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	11787m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	22208	3.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	5436	0.277	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	12604	0.359	ng/ul	-0.01
Target Compounds						
15) Phenanthrene	17.137	178	1365m	0.032	ng/ul	Qvalue
19) Fluoranthene	19.155	202	5250	0.110	ng/ul#	94
20) Pyrene	19.513	202	5803m	0.113	ng/ul	
21) Benzo(a)anthracene	21.277	228	3885m	0.094	ng/ul	
22) Chrysene	21.324	228	3984	0.070	ng/ul	95
24) Benzo(b)fluoranthene	22.840	252	7836m	0.195	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	3408m	0.071	ng/ul	
26) Benzo(a)pyrene	23.411	252	3267	0.086	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.816	276	2705	0.051	ng/ul	94
28) Dibenzo(a,h)anthracene	25.826	278	860	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.513	276	2385	0.053	ng/ul#	73

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

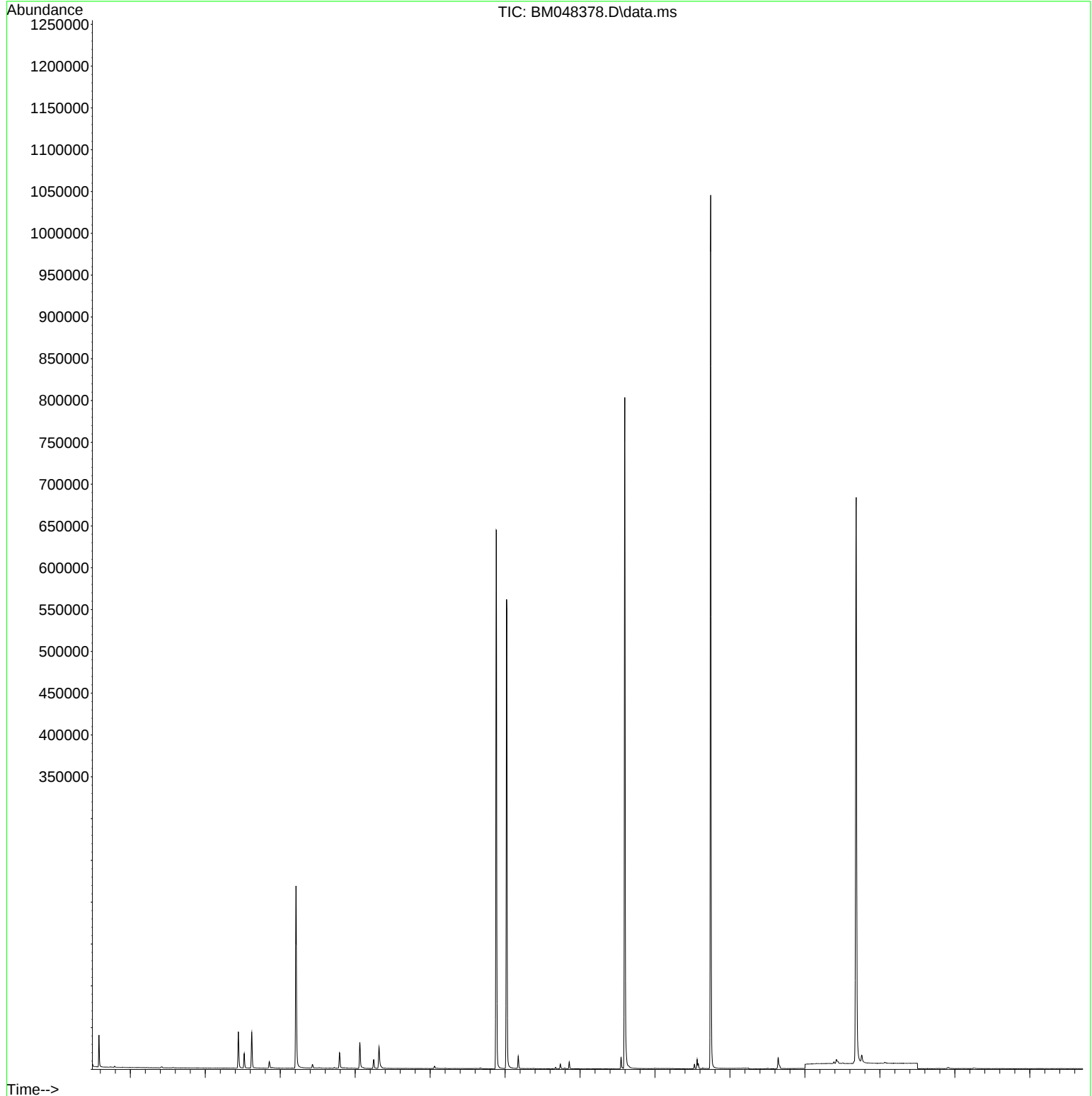
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048378.D
Acq On : 01 Nov 2024 04:05
Operator : RC/JU
Sample : P4592-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

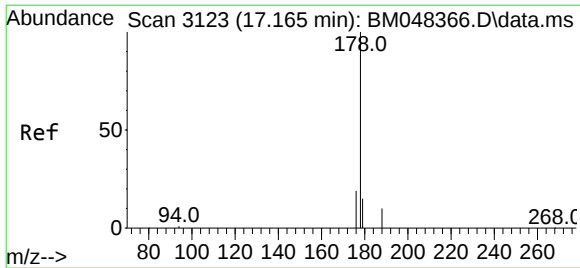
Instrument :
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Quant Time: Nov 03 07:05:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
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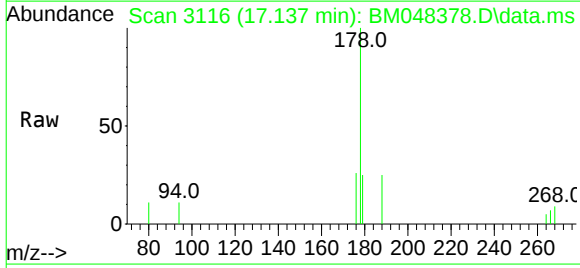
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#15
Phenanthrene
Concen: 0.032 ng/ul m
RT: 17.137 min Scan# 3116
Delta R.T. -0.021 min
Lab File: BM048378.D
Acq: 01 Nov 2024 04:05

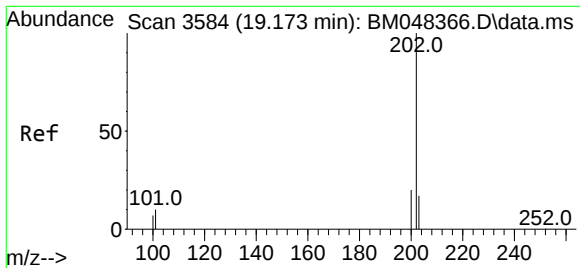
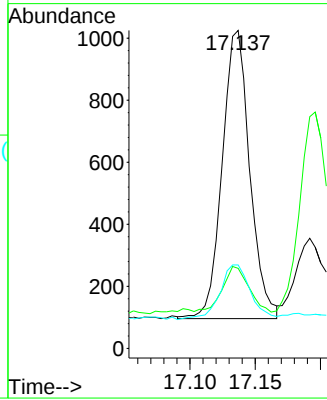
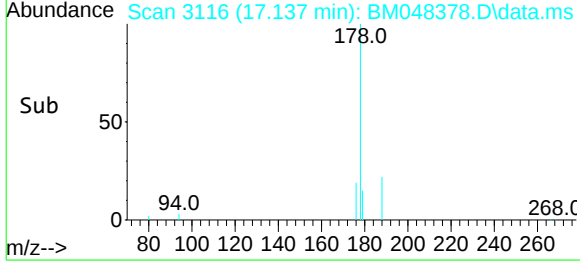
Instrument :
BNA_M
ClientSampleId :
F7H01



Tgt Ion:	178	Resp:	1365
Ion	Ratio	Lower	Upper
178	100		
179	25.2	13.9	20.9
176	26.2	16.0	24.0

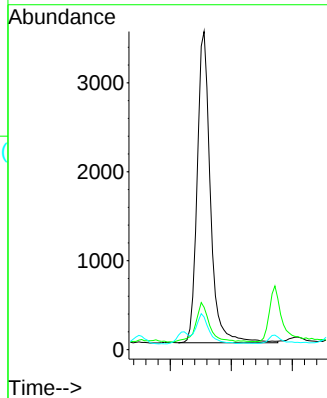
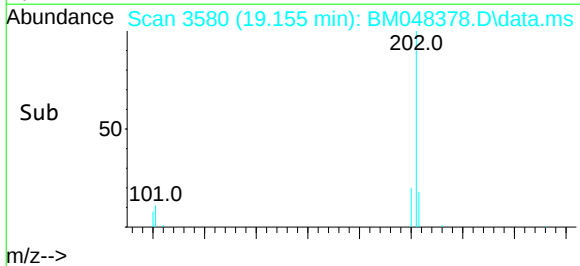
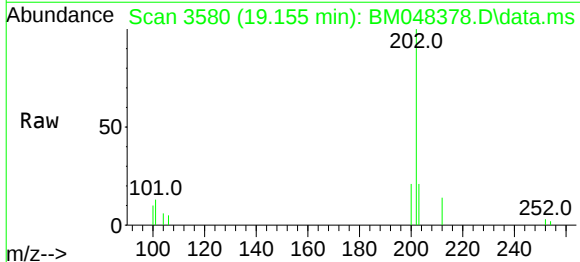
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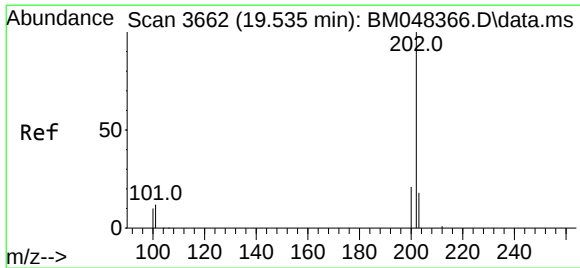
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#19
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.155 min Scan# 3580
Delta R.T. -0.014 min
Lab File: BM048378.D
Acq: 01 Nov 2024 04:05

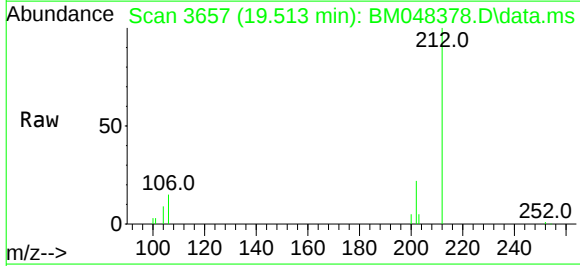
Tgt Ion:	202	Resp:	5250
Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.0	13.4
100	10.3	6.6	10.0





#20
Pyrene
 Concen: 0.113 ng/u1 m
 RT: 19.513 min Scan# 3662
 Delta R.T. -0.019 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

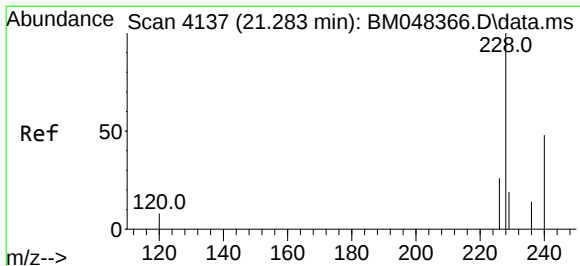
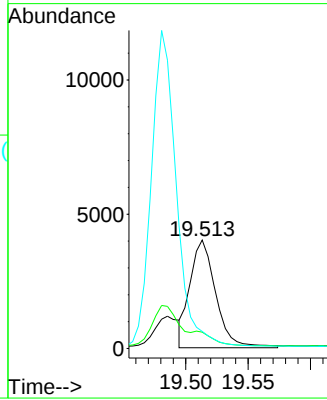
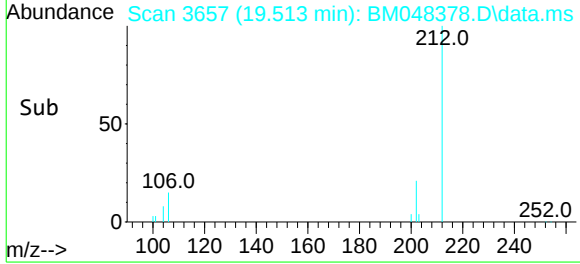
Instrument : BNA_M
 ClientSampleId : F7H01



Tgt Ion:	202	Resp:	5803
Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.0	15.0#
100	15.7	8.0	12.0#

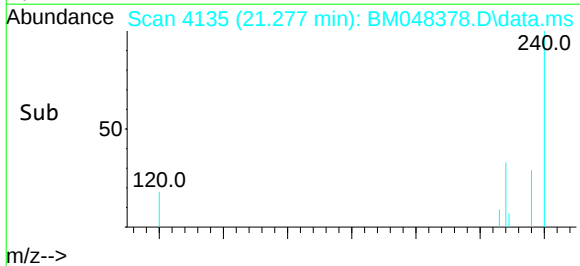
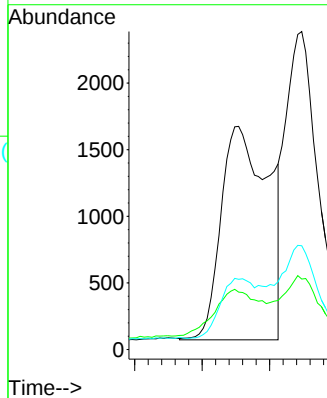
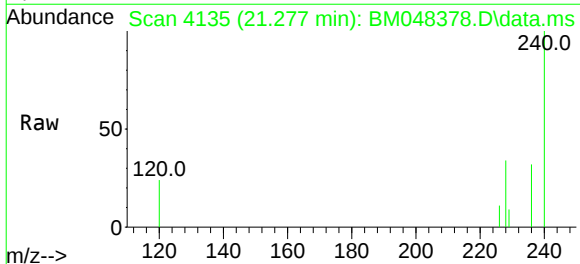
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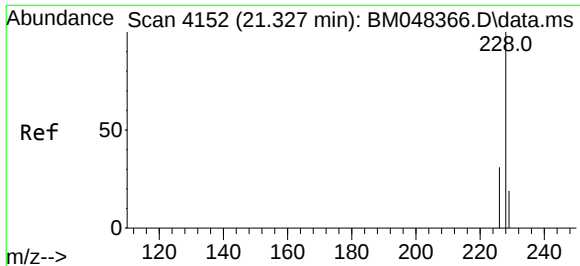
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#21
Benzo(a)anthracene
 Concen: 0.094 ng/u1 m
 RT: 21.277 min Scan# 4135
 Delta R.T. -0.003 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

Tgt Ion:	228	Resp:	3885
Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.9	23.9#
226	31.5	22.1	33.1





#22

Chrysene

Concen: 0.070 ng/u1

RT: 21.324 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM048378.D

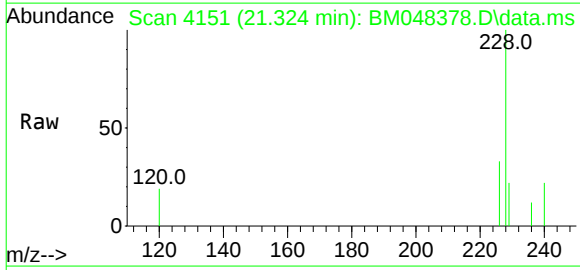
Acq: 01 Nov 2024 04:05

Instrument :

BNA_M

ClientSampleId :

F7H01



Tgt Ion:228 Resp: 3984

Ion Ratio Lower Upper

228 100

226 32.6 24.1 36.1

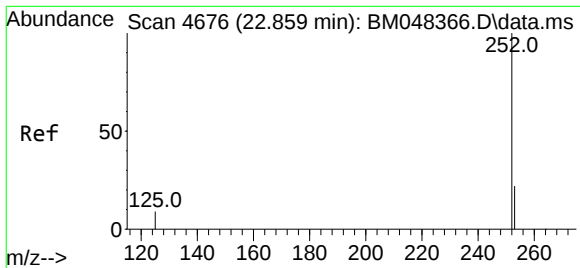
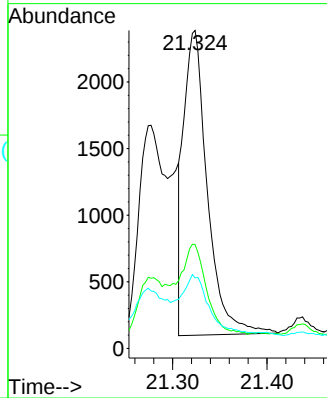
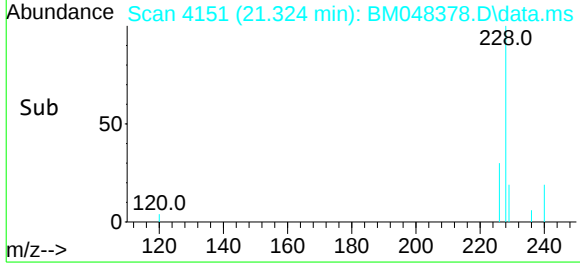
229 22.2 15.9 23.9

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#24

Benzo(b)fluoranthene

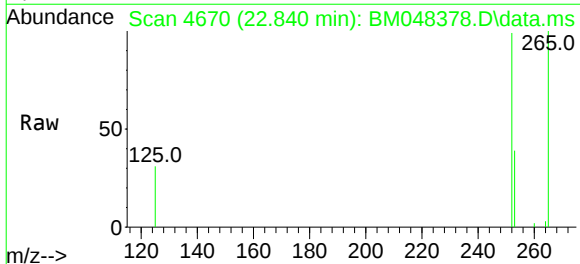
Concen: 0.195 ng/u1 m

RT: 22.840 min Scan# 4670

Delta R.T. -0.021 min

Lab File: BM048378.D

Acq: 01 Nov 2024 04:05



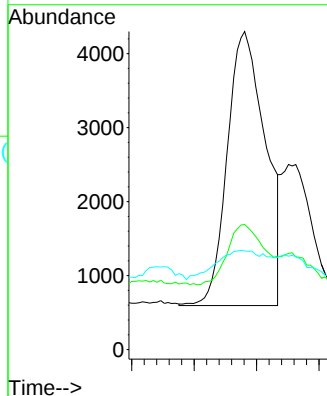
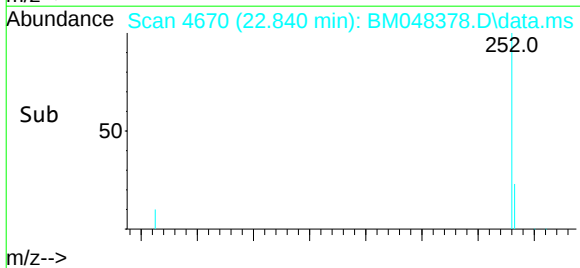
Tgt Ion:252 Resp: 7836

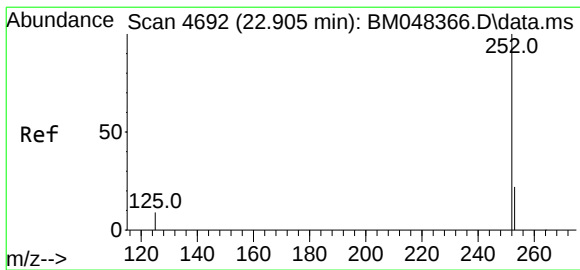
Ion Ratio Lower Upper

252 100

253 39.3 0.0 59.4

125 31.0 0.0 38.0





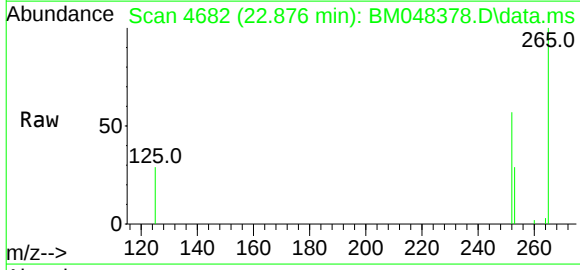
#25
 Benzo(k)fluoranthene
 Concen: 0.071 ng/u1 m
 RT: 22.876 min Scan# 46
 Delta R.T. -0.029 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

Instrument :

BNA_M

ClientSampleId :

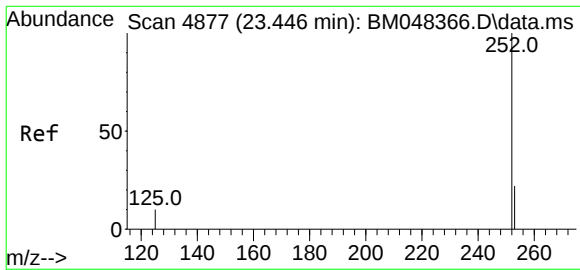
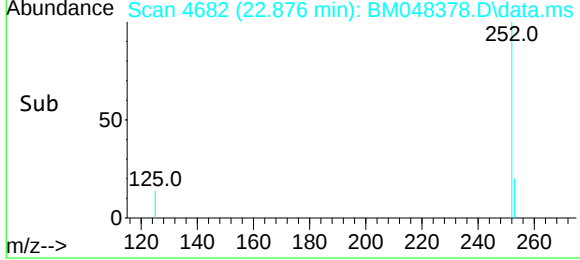
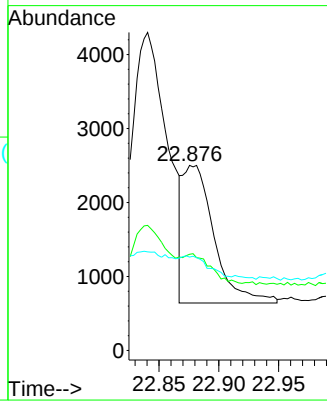
F7H01



Tgt Ion:	252	Resp:	3408
Ion Ratio	Lower	Upper	
252	100		
253	52.0	23.4	35.0#
125	50.5	15.3	22.9#

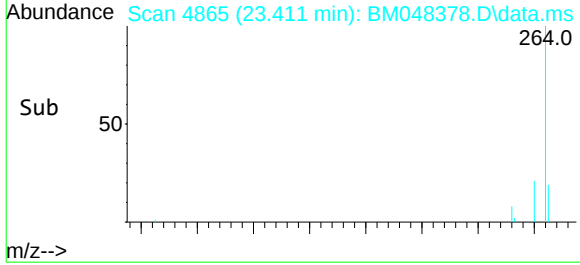
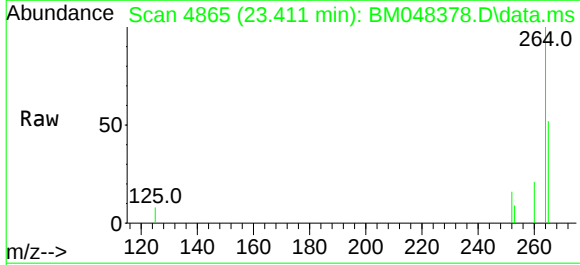
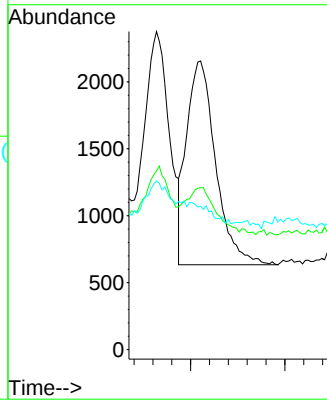
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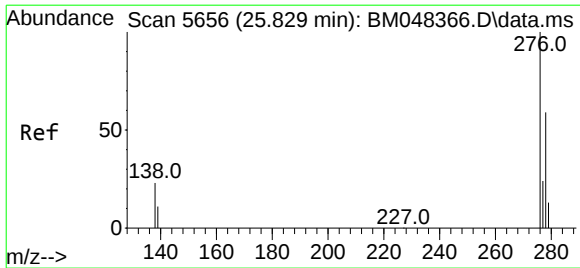
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#26
 Benzo(a)pyrene
 Concen: 0.086 ng/u1
 RT: 23.411 min Scan# 4865
 Delta R.T. -0.029 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

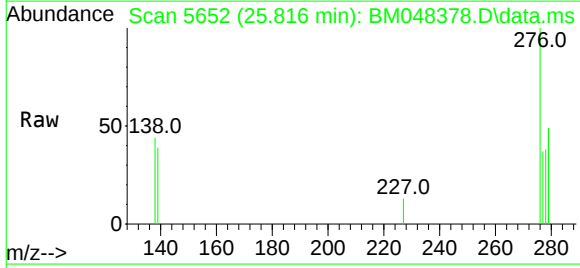
Tgt Ion:	252	Resp:	3267
Ion Ratio	Lower	Upper	
252	100		
253	56.1	27.7	41.5#
125	49.7	21.1	31.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.051 ng/ul
 RT: 25.816 min Scan# 5652
 Delta R.T. 0.003 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

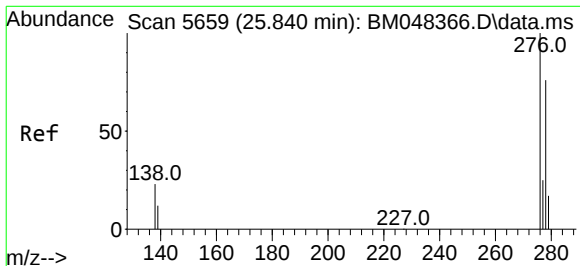
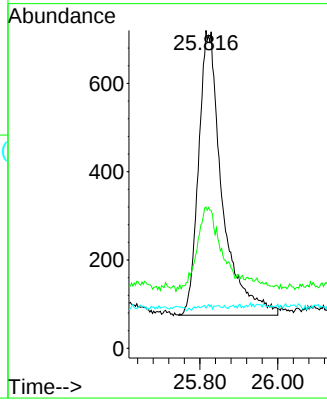
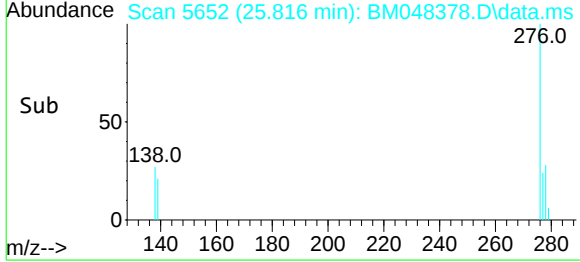
Instrument :
 BNA_M
 ClientSampleId :
 F7H01



Tgt Ion:	276	Resp:	2705
Ion	Ratio	Lower	Upper
276	100		
138	27.7	19.6	29.4
227	0.1	0.1	0.1

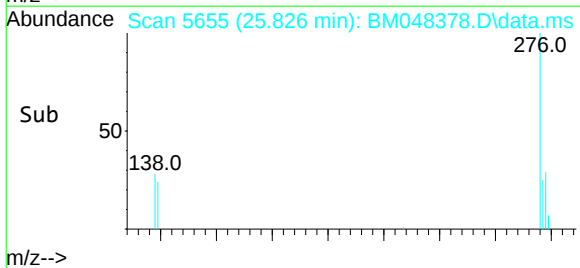
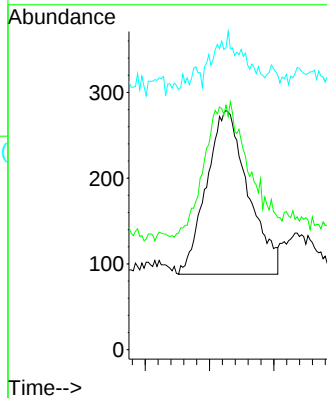
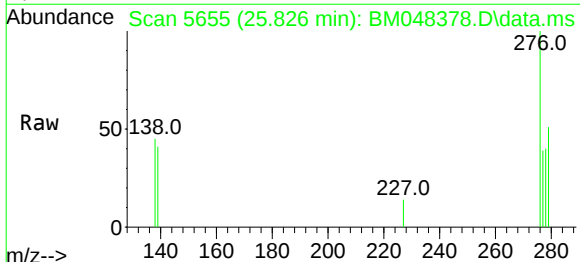
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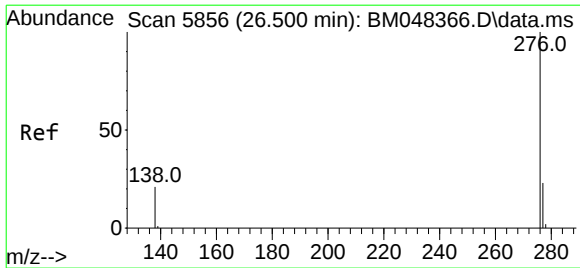
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng/ul
 RT: 25.826 min Scan# 5655
 Delta R.T. -0.010 min
 Lab File: BM048378.D
 Acq: 01 Nov 2024 04:05

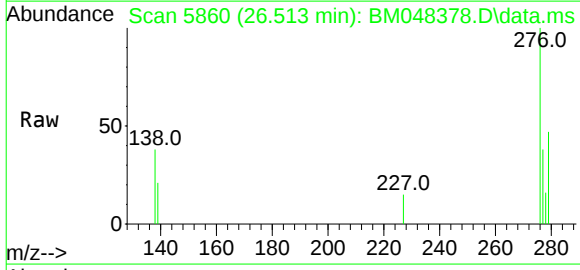
Tgt Ion:	278	Resp:	860
Ion	Ratio	Lower	Upper
278	100		
139	102.2	15.6	23.4#
279	126.2	26.4	39.6#





#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 26.513 min Scan# 5856
Delta R.T. 0.013 min
Lab File: BM048378.D
Acq: 01 Nov 2024 04:05

Instrument :
BNA_M
ClientSampleId :
F7H01



Tgt Ion:	276	Resp:	2385
Ion	Ratio	Lower	Upper
276	100		
138	38.1	19.0	28.6
277	38.2	20.6	31.0

Manual Integrations
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