

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044113.D
 Acq On : 15 Feb 2024 22:48
 Operator : MA/JU
 Sample : P1329-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM1

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 02:29:26 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	7588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	25077	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164	13259	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	28101m	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	17994m	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	21879	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	56862	5.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	11418	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	21903	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	1716	0.023	ng/ul#	80
7) 2-Methylnaphthalene	12.371	142	1021	0.022	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	1010	0.022	ng/ul	94
14) Pentachlorophenol	16.943	266	384	0.038	ng/ul	95
15) Phenanthrene	17.339	178	15559	0.175	ng/ul	99
19) Fluoranthene	19.360	202	23012	0.281	ng/ul	96
20) Pyrene	19.722	202	17003m	0.197	ng/ul	
21) Benzo(a)anthracene	21.481	228	2849	0.035	ng/ul#	86
22) Chrysene	21.534	228	8689	0.098	ng/ul	96
24) Benzo(b)fluoranthene	23.165	252	9761	0.108	ng/ul	74
25) Benzo(k)fluoranthene	23.209	252	4159m	0.042	ng/ul	
26) Benzo(a)pyrene	23.782	252	3877	0.046	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.369	276	3690	0.035	ng/ul#	98
29) Benzo(g,h,i)perylene	27.127	276	3576	0.038	ng/ul#	77

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

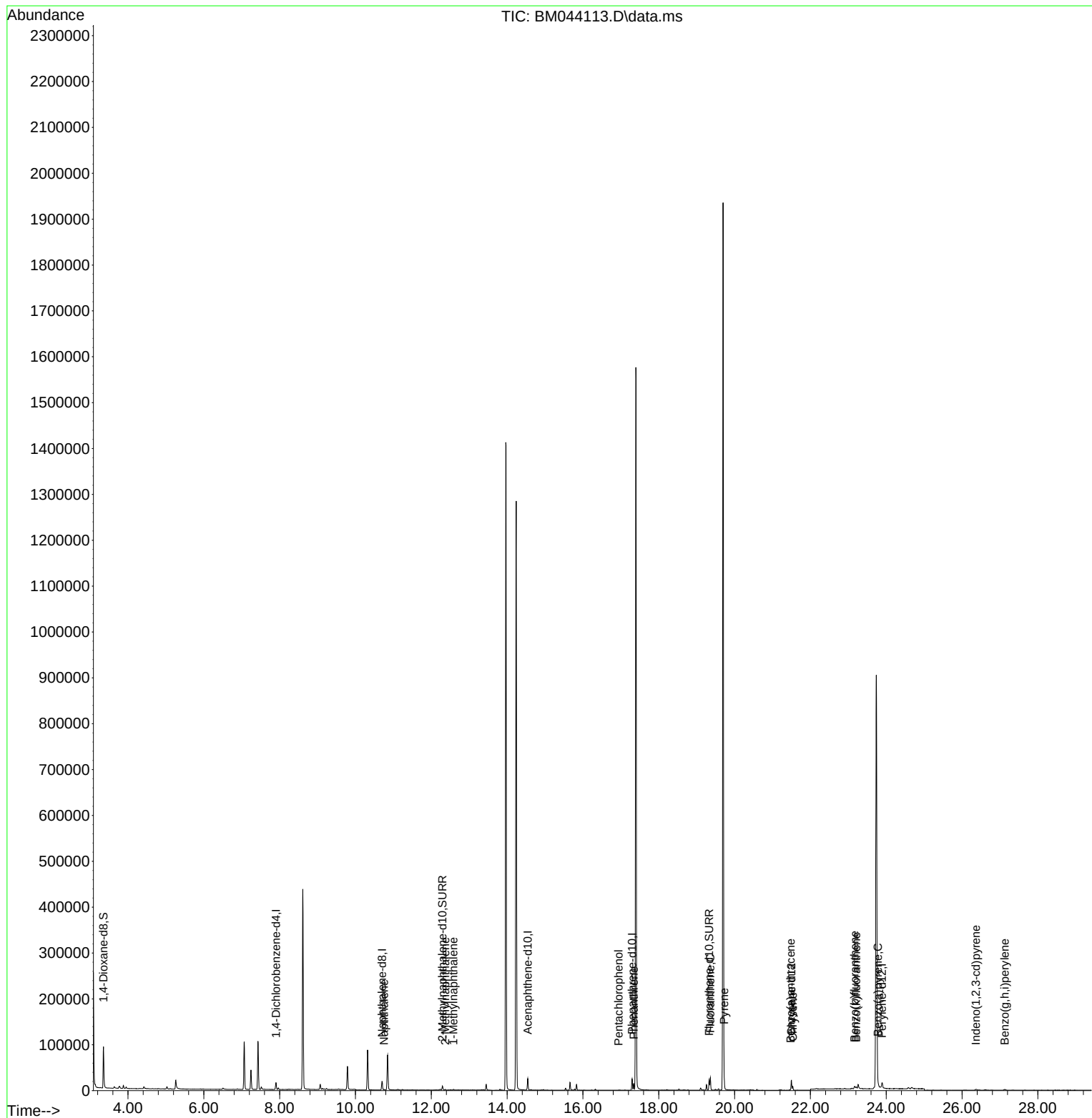
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044113.D
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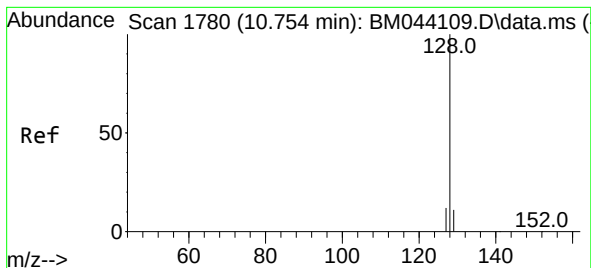
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#5

Naphthalene

Concen: 0.023 ng/ul

RT: 10.754 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BM044113.D

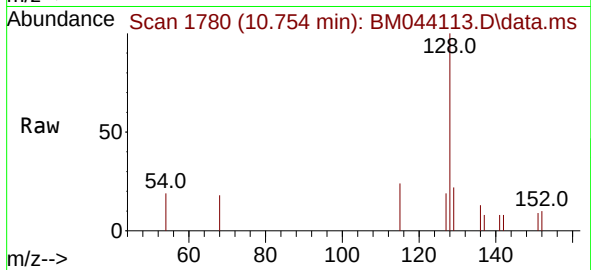
Acq: 15 Feb 2024 22:48

Instrument :

BNA_M

ClientSampleId :

C0FM1



Tgt Ion:128 Resp: 1710

Ion Ratio Lower Upper

128 100

129 22.0 9.5 14.3

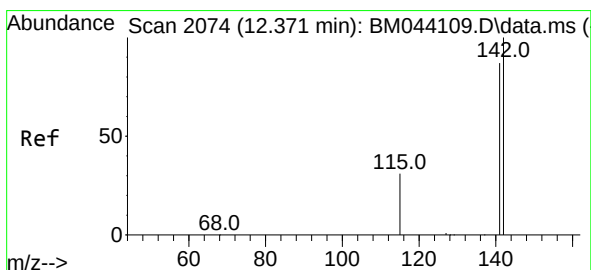
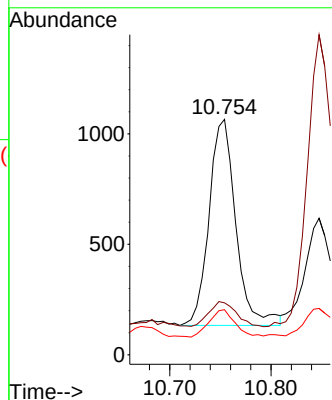
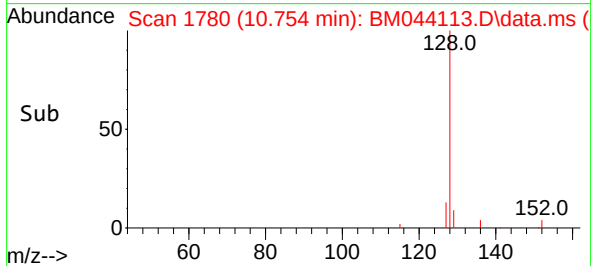
127 19.1 10.7 16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.371 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BM044113.D

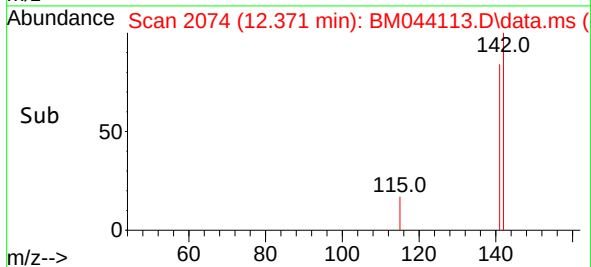
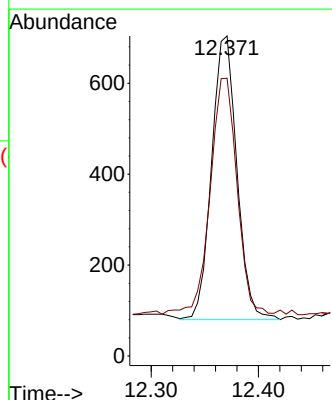
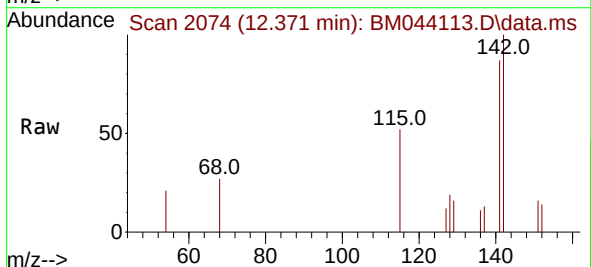
Acq: 15 Feb 2024 22:48

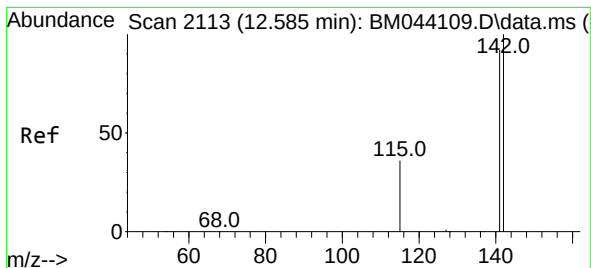
Tgt Ion:142 Resp: 1021

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044113.D

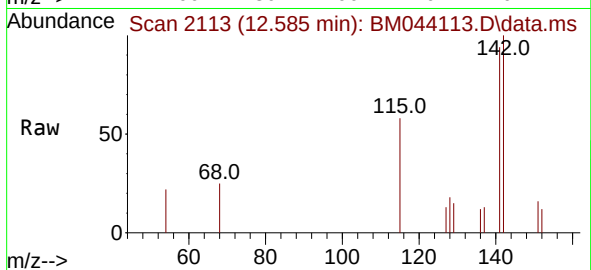
Acq: 15 Feb 2024 22:48

Instrument :

BNA_M

ClientSampleId :

COFM1



Tgt Ion:142 Resp: 1010

Ion Ratio Lower Upper

142 100

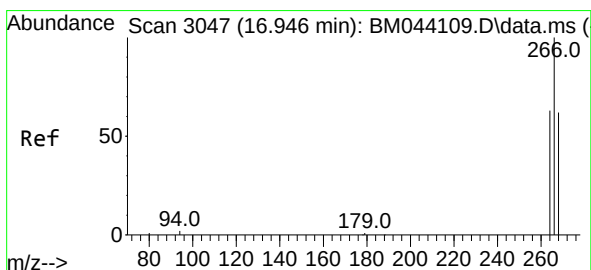
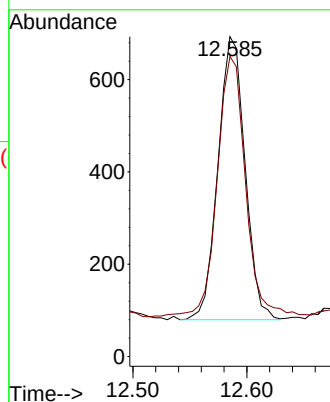
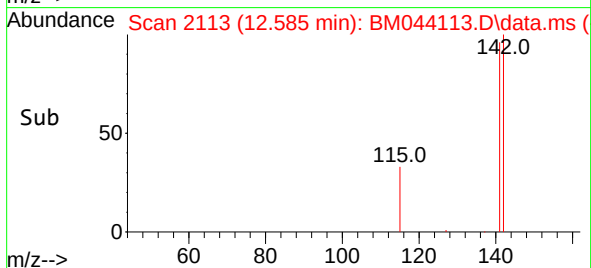
141 96.6 72.5 108.7

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#14

Pentachlorophenol

Concen: 0.038 ng/ul

RT: 16.943 min Scan# 3046

Delta R.T. -0.003 min

Lab File: BM044113.D

Acq: 15 Feb 2024 22:48

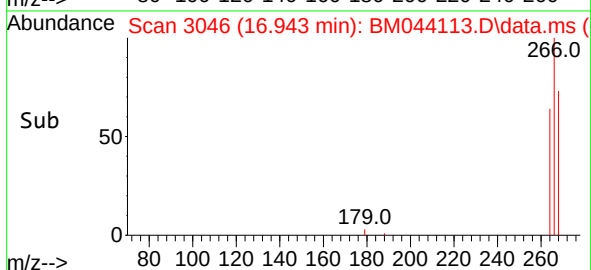
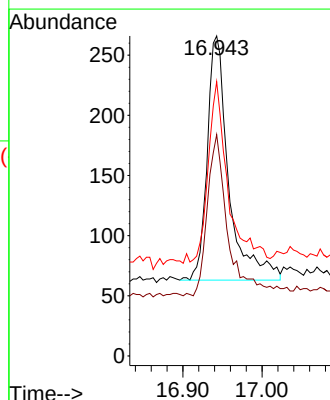
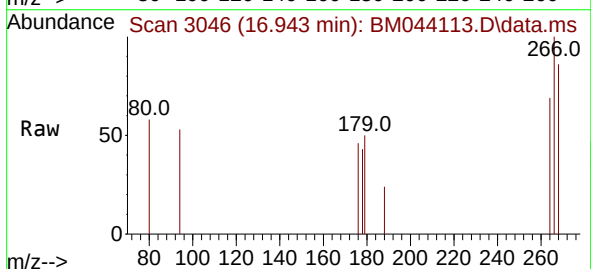
Tgt Ion:266 Resp: 384

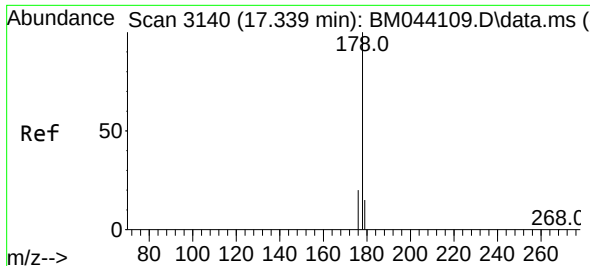
Ion Ratio Lower Upper

266 100

264 65.1 49.4 74.0

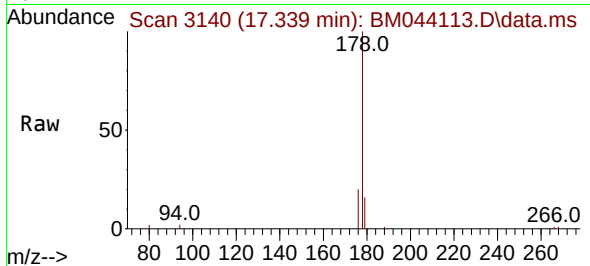
268 70.1 52.1 78.1





#15
Phenanthrene
Concen: 0.175 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

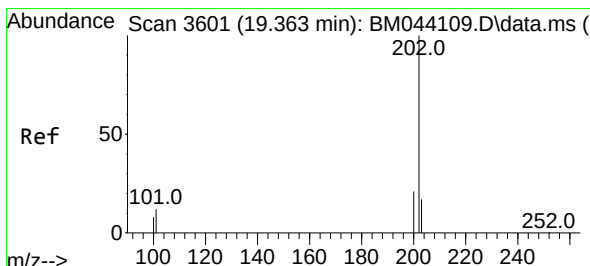
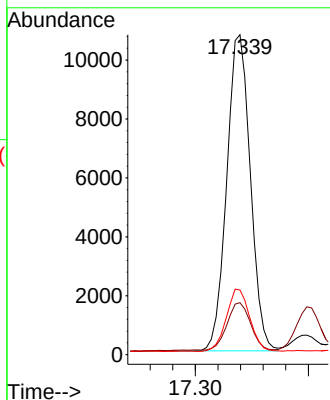
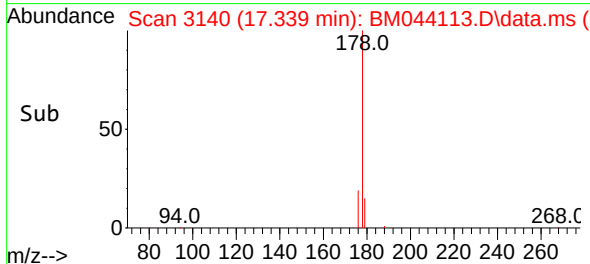
Instrument :
BNA_M
ClientSampleId :
C0FM1



Tgt Ion:178 Resp: 1555
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 16.0 24.0

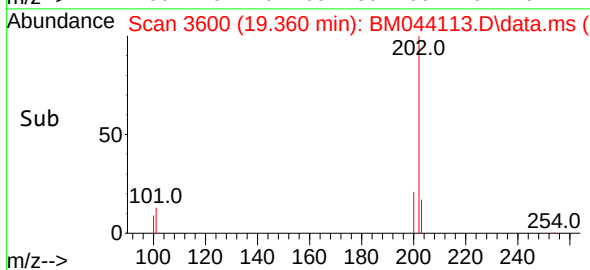
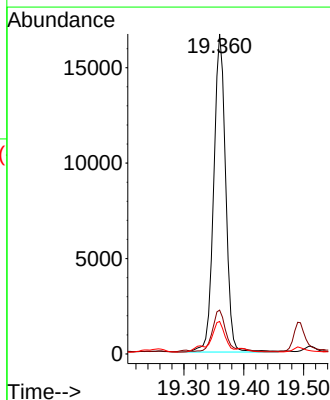
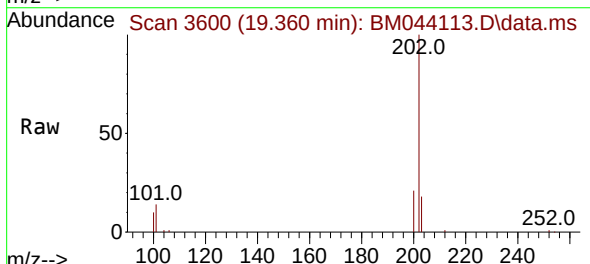
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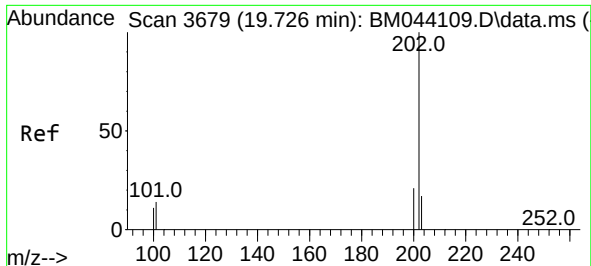
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#19
Fluoranthene
Concen: 0.281 ng/u1
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

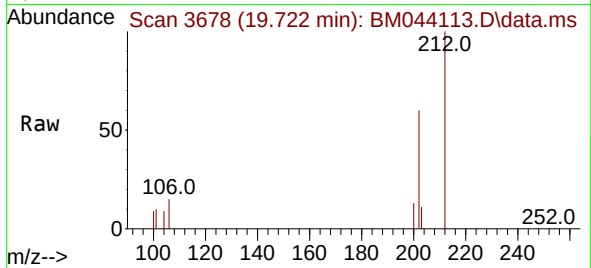
Tgt Ion:202 Resp: 23012
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
100 10.1 7.0 10.4





#20
Pyrene
Concen: 0.197 ng/ul m
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

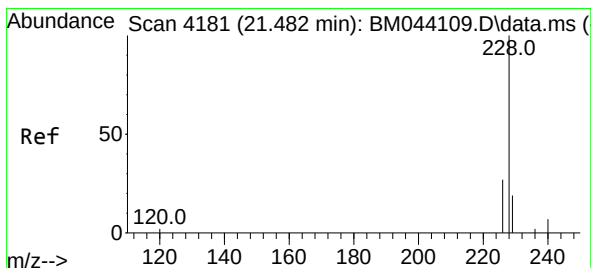
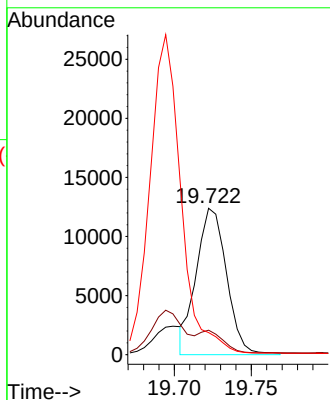
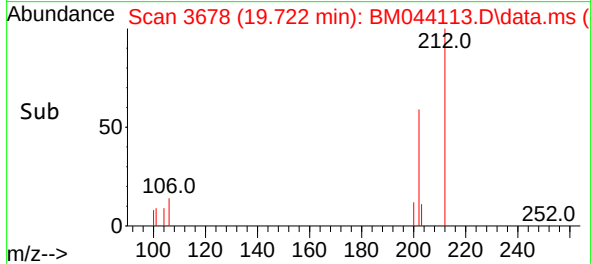
Instrument :
BNA_M
ClientSampleId :
COFM1



Tgt Ion:202 Resp: 17000
Ion Ratio Lower Upper
202 100
101 16.7 11.2 16.8
100 15.1 8.6 13.0

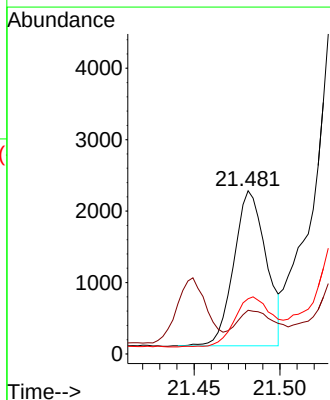
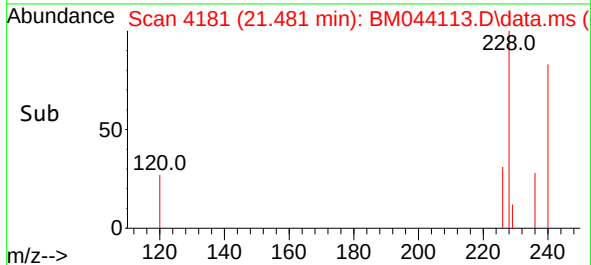
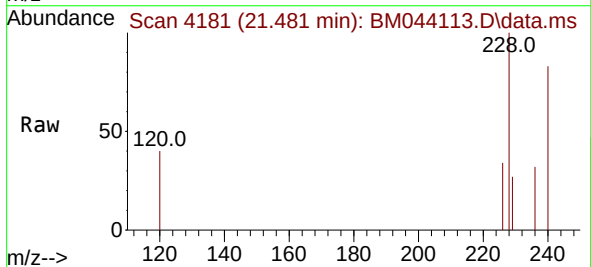
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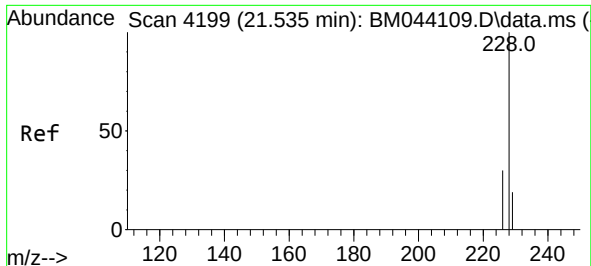
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

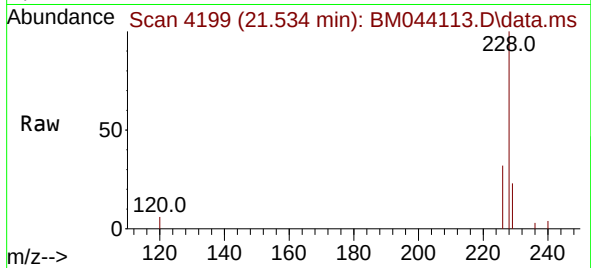
Tgt Ion:228 Resp: 2849
Ion Ratio Lower Upper
228 100
229 26.8 15.4 23.2#
226 33.9 22.1 33.1#





#22
Chrysene
Concen: 0.098 ng/u1
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

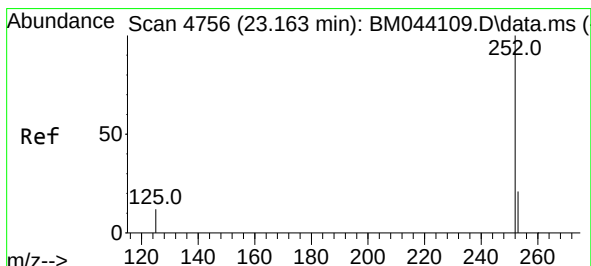
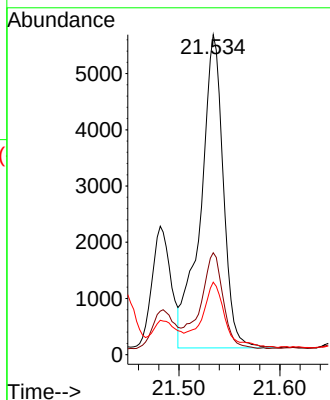
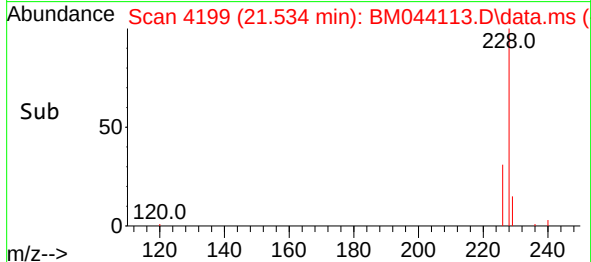
Instrument :
BNA_M
ClientSampleId :
C0FM1



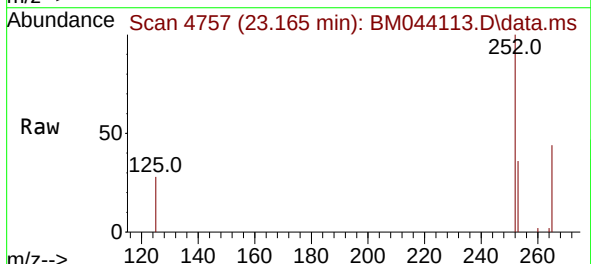
Tgt Ion:228 Resp: 8689
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.2
229 22.6 15.8 23.6

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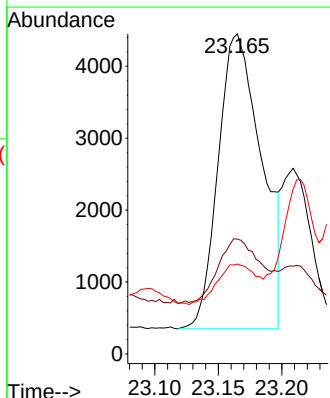
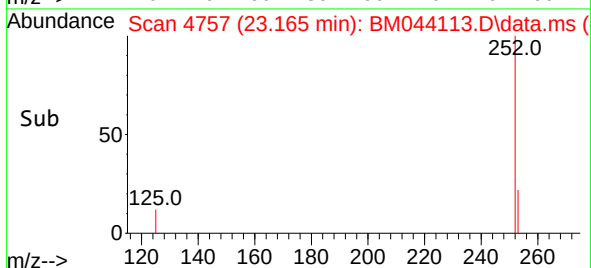
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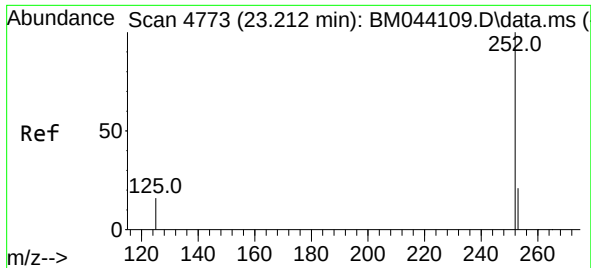


#24
Benzo(b)fluoranthene
Concen: 0.108 ng/u1
RT: 23.165 min Scan# 4757
Delta R.T. 0.002 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48



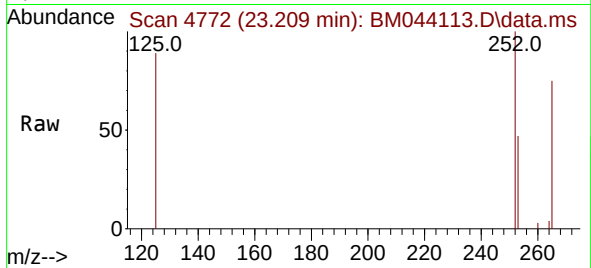
Tgt Ion:252 Resp: 9761
Ion Ratio Lower Upper
252 100
253 35.9 0.0 50.0
125 28.1 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.209 min Scan# 4159
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

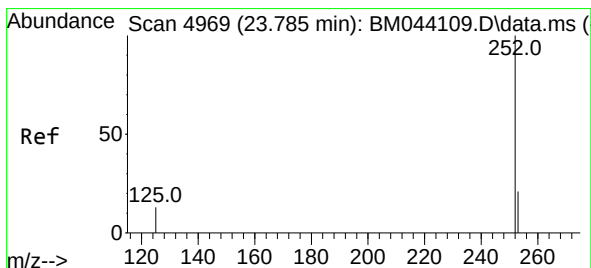
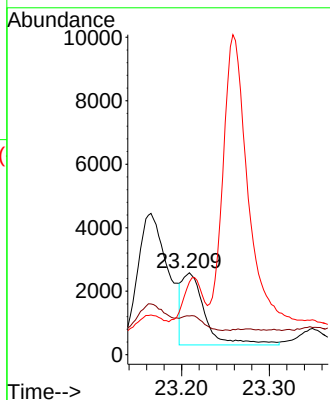
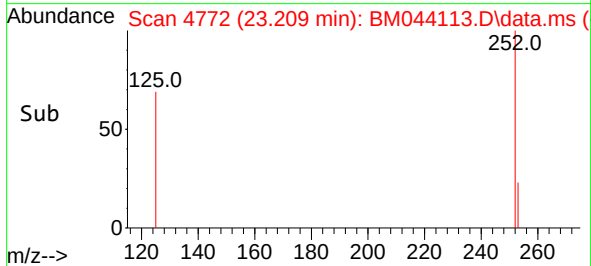
Instrument :
BNA_M
ClientSampleId :
C0FM1



Tgt Ion:252 Resp: 4159
Ion Ratio Lower Upper
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253 47.4 20.1 30.1#
125 88.7 12.3 18.5#

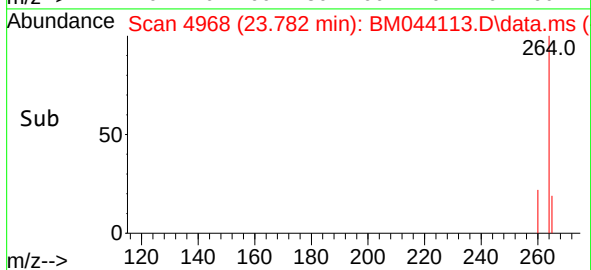
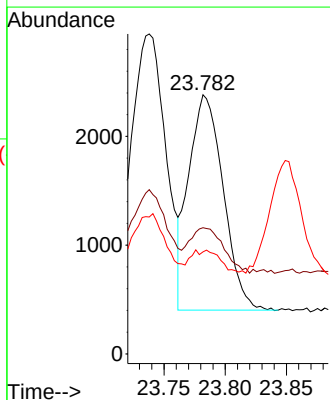
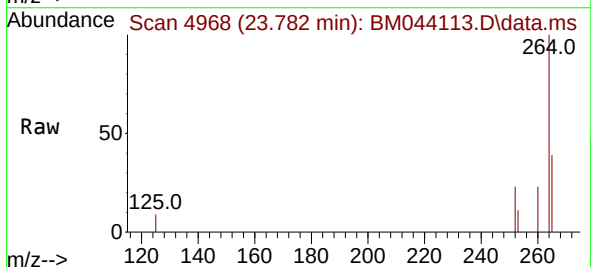
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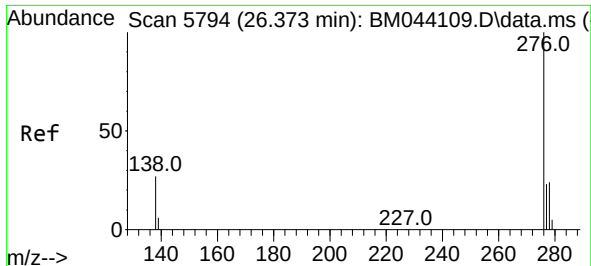
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 0.046 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. -0.004 min
Lab File: BM044113.D
Acq: 15 Feb 2024 22:48

Tgt Ion:252 Resp: 3877
Ion Ratio Lower Upper
252 100
253 48.7 21.4 32.2#
125 39.4 13.3 19.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 26.369 min Scan# 5794

Delta R.T. -0.001 min

Lab File: BM044113.D

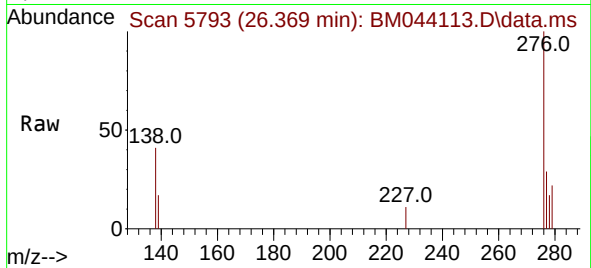
Acq: 15 Feb 2024 22:48

Instrument :

BNA_M

ClientSampleId :

C0FM1



Tgt Ion:276 Resp: 3690

Ion Ratio Lower Upper

276 100

138 30.6 25.2 37.8

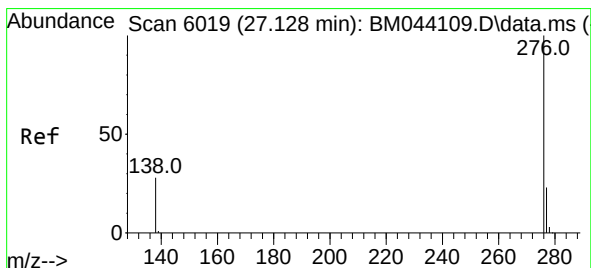
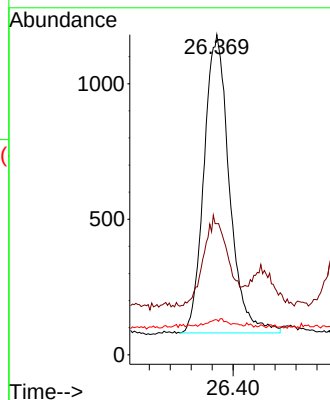
227 2.4 0.1 0.1

Manual Integrations

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Supervised By :mohammad ahmed 02/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 27.127 min Scan# 6019

Delta R.T. -0.001 min

Lab File: BM044113.D

Acq: 15 Feb 2024 22:48

Tgt Ion:276 Resp: 3576

Ion Ratio Lower Upper

276 100

138 44.0 22.7 34.1#

277 31.1 19.0 28.6#

