

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044115.D
 Acq On : 16 Feb 2024 00:01
 Operator : MA/JU
 Sample : P1329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM7

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 02:39:35 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	7.904	152	8242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	28213	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.547	164	16051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	31972m	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	17967m	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	18646m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	56743	4.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	15612	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	23351m	0.436	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.754	128	3445	0.041	ng/ul#	13
7) 2-Methylnaphthalene	12.371	142	6245	0.121	ng/ul#	1
8) 1-Methylnaphthalene	12.585	142	6021	0.115	ng/ul#	39
10) Acenaphthylene	14.274	152	5736	0.065	ng/ul#	1
14) Pentachlorophenol	16.942	266	435	0.038	ng/ul	96
15) Phenanthrene	17.338	178	5829m	0.058	ng/ul	
19) Fluoranthene	19.359	202	123464m	1.507	ng/ul	
20) Pyrene	19.726	202	46469	0.539	ng/ul#	91
21) Benzo(a)anthracene	21.482	228	14207m	0.173	ng/ul	
22) Chrysene	21.535	228	24955m	0.281	ng/ul	
24) Benzo(b)fluoranthene	23.166	252	29773m	0.387	ng/ul	
25) Benzo(k)fluoranthene	23.209	252	8997m	0.108	ng/ul	
26) Benzo(a)pyrene	23.788	252	15020m	0.210	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.370	276	11166m	0.123	ng/ul	
29) Benzo(g,h,i)perylene	27.128	276	11355m	0.141	ng/ul	

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

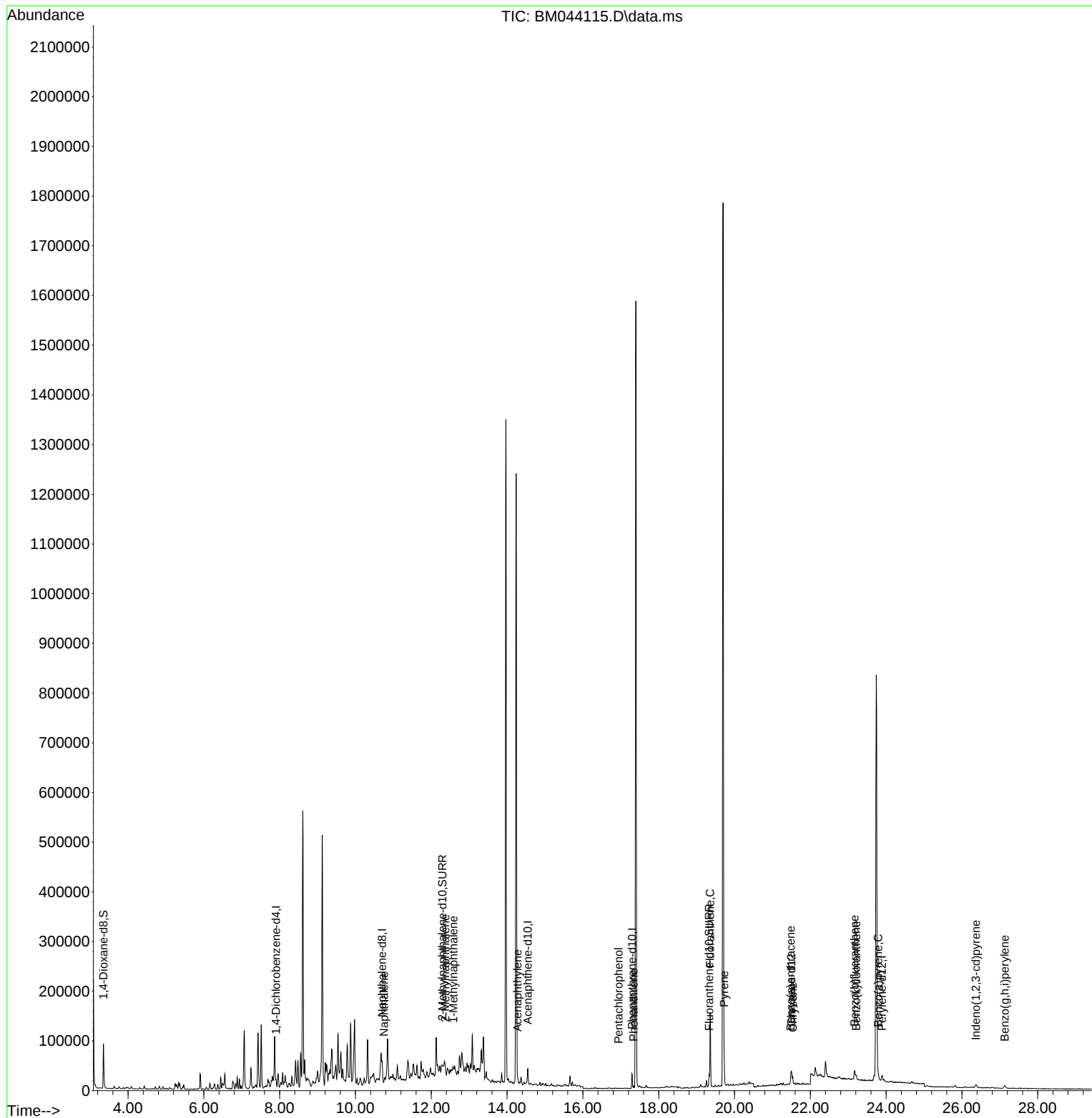
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044115.D
Acq On : 16 Feb 2024 00:01
Operator : MA/JU
Sample : P1329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

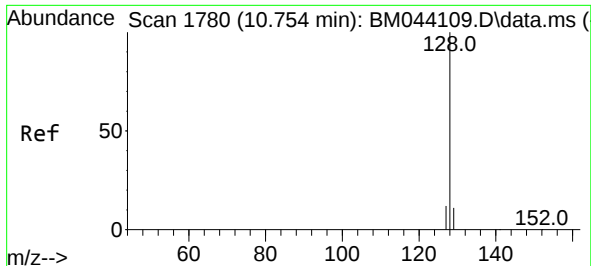
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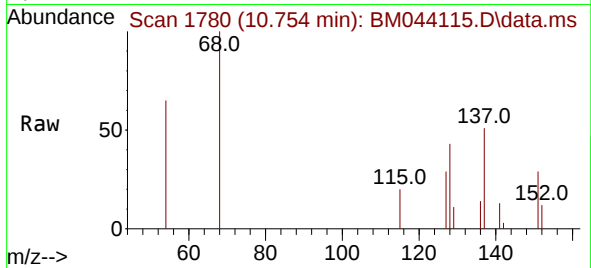
Quant Time: Feb 17 02:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

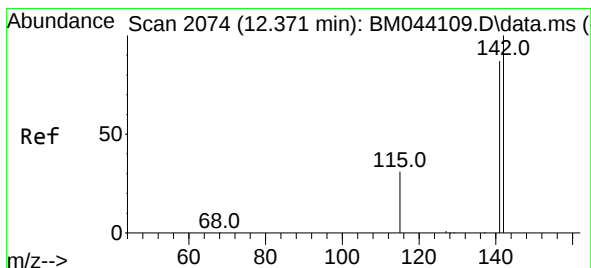
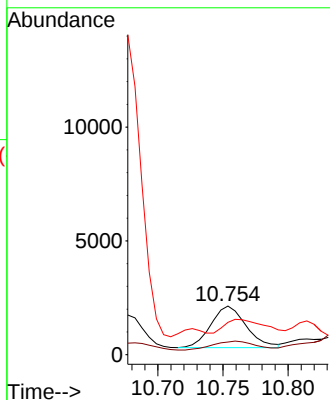
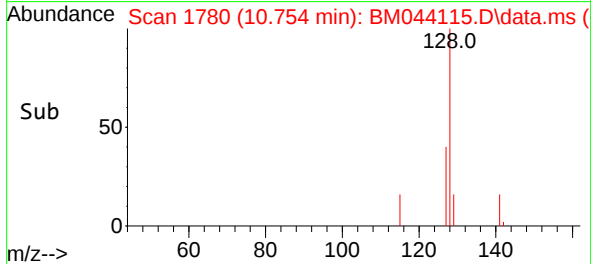
Instrument :
BNA_M
ClientSampleId :
C0FM7



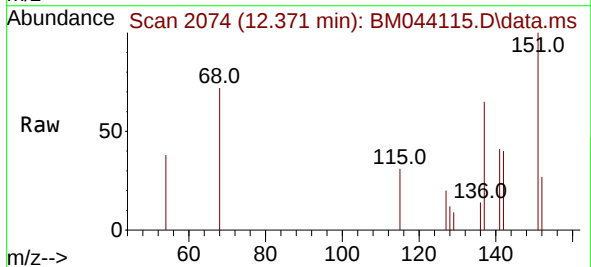
Tgt Ion:128 Resp: 3445
Ion Ratio Lower Upper
128 100
129 25.9 9.5 14.3
127 66.4 10.7 16.1

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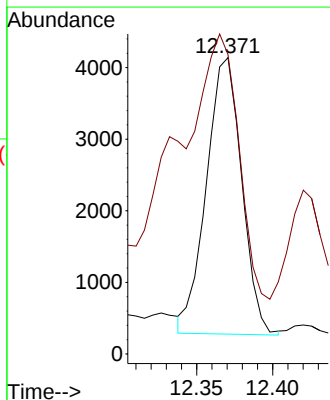
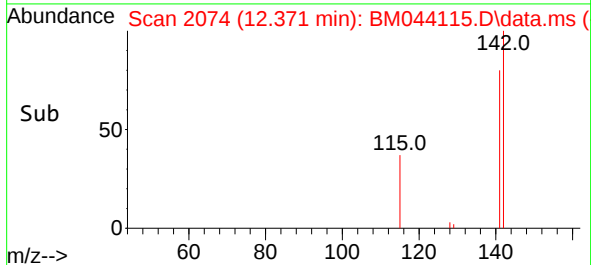
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

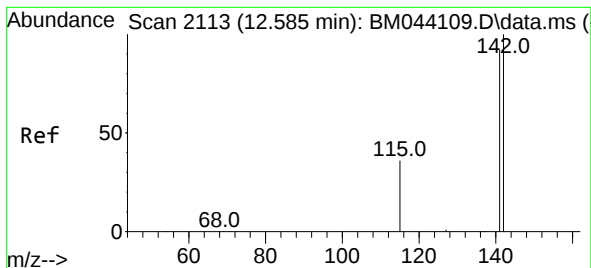


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01



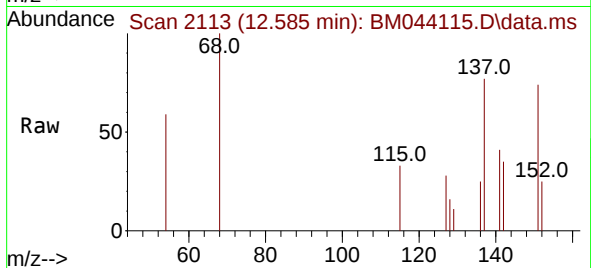
Tgt Ion:142 Resp: 6245
Ion Ratio Lower Upper
142 100
141 182.7 70.0 105.0#





#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

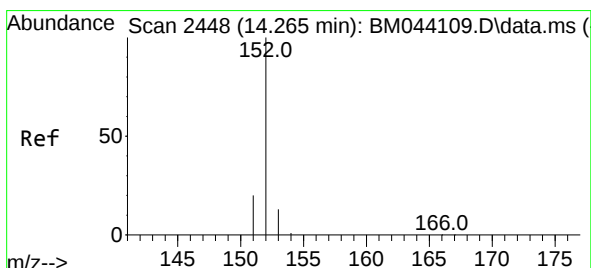
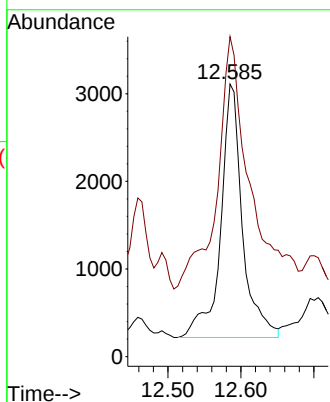
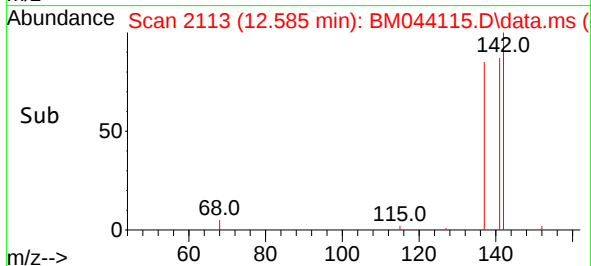
Instrument :
BNA_M
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Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
141 148.6 72.5 108.7

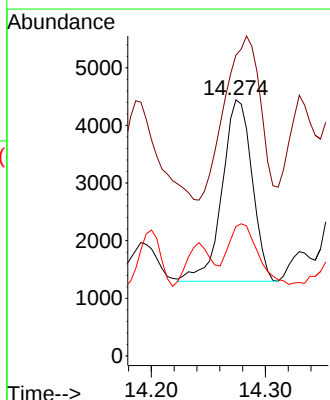
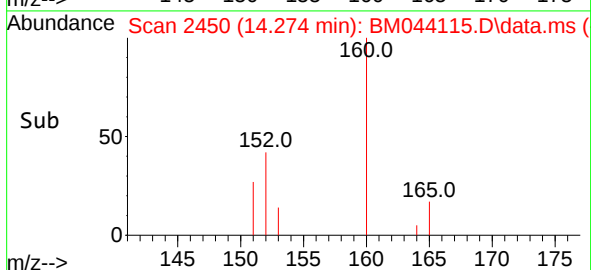
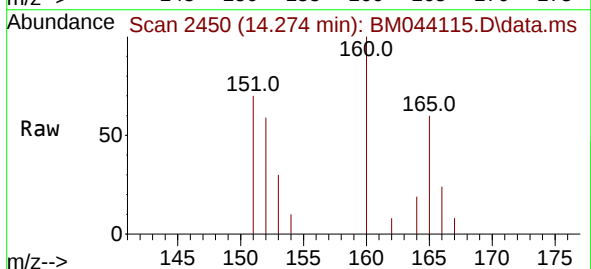
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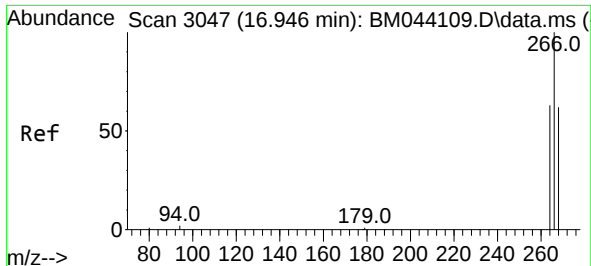
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

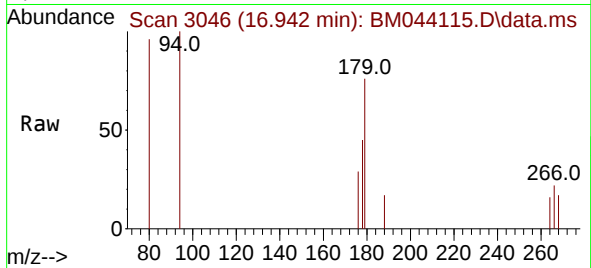
Tgt Ion:152 Resp: 5736
Ion Ratio Lower Upper
152 100
151 117.5 15.5 23.3#
153 50.6 10.8 16.2#





#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.942 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

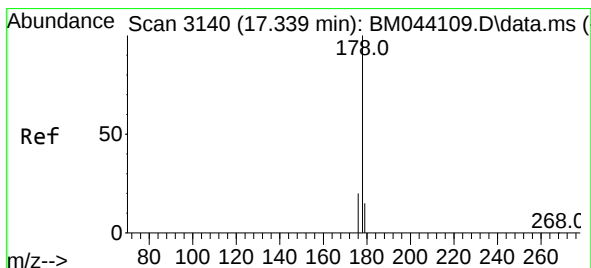
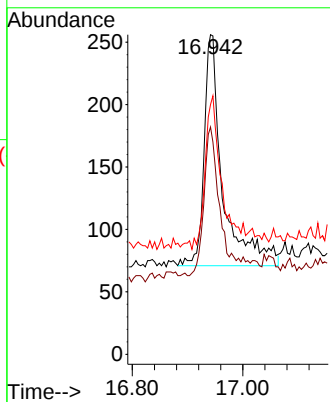
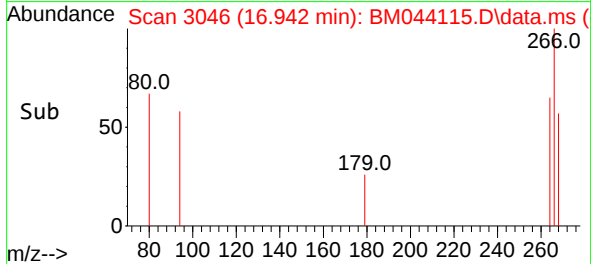
Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:266 Resp: 435
Ion Ratio Lower Upper
266 100
264 60.9 49.4 74.0
268 59.8 52.1 78.1

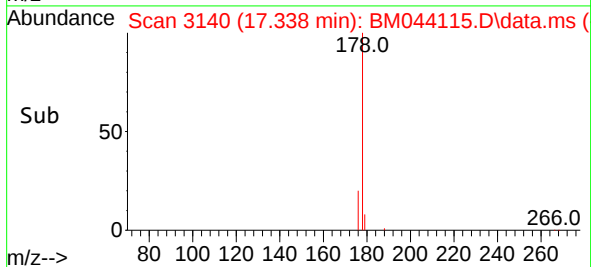
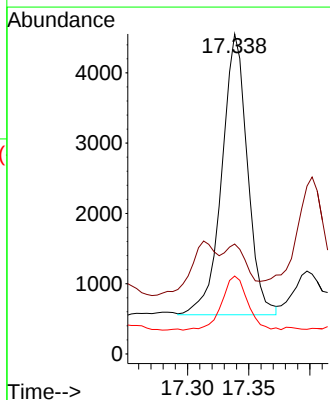
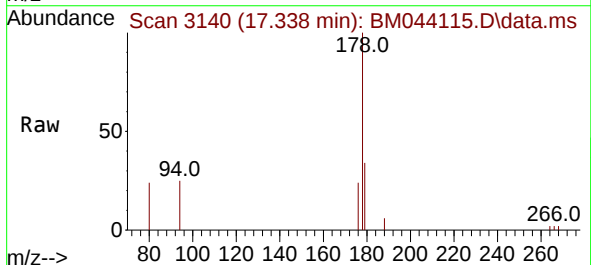
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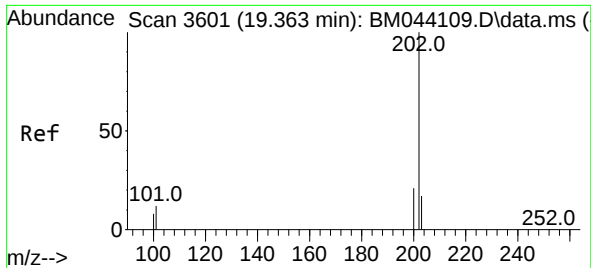
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.058 ng/ul m
RT: 17.338 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

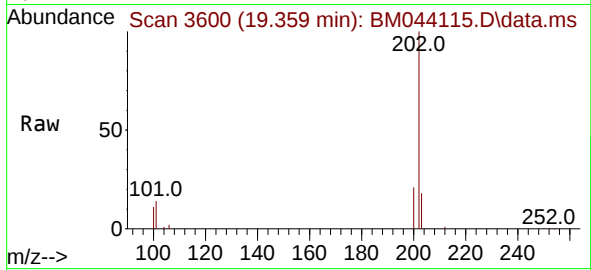
Tgt Ion:178 Resp: 5829
Ion Ratio Lower Upper
178 100
179 34.3 12.6 19.0#
176 24.4 16.0 24.0#





#19
Fluoranthene
Concen: 1.507 ng/ul m
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

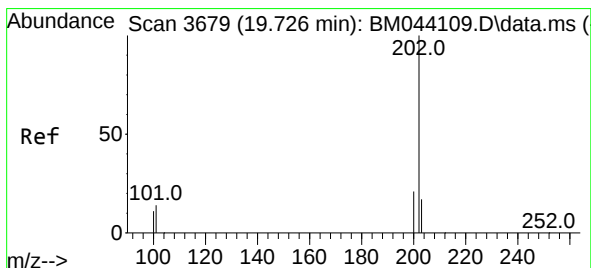
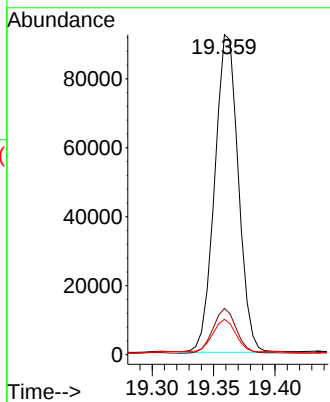
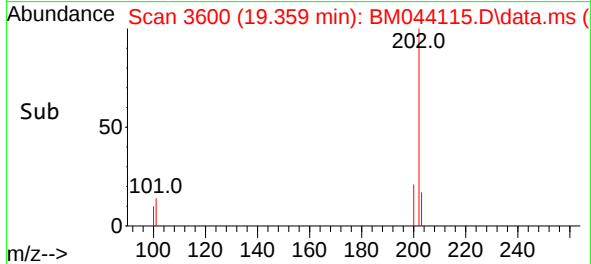
Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:202 Resp: 123464
Ion Ratio Lower Upper
202 100
101 14.5 9.8 14.6
100 11.1 7.0 10.4

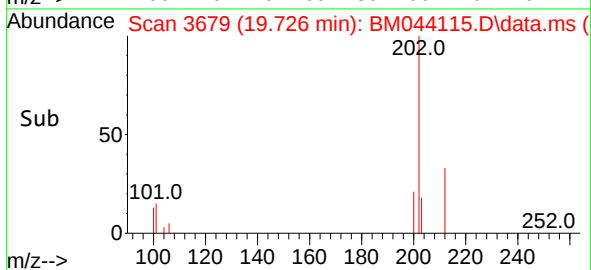
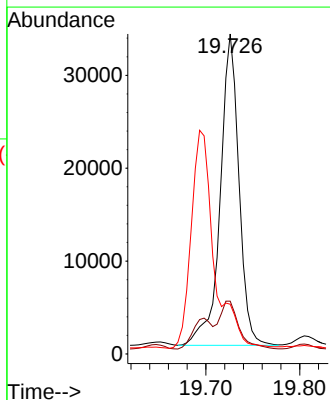
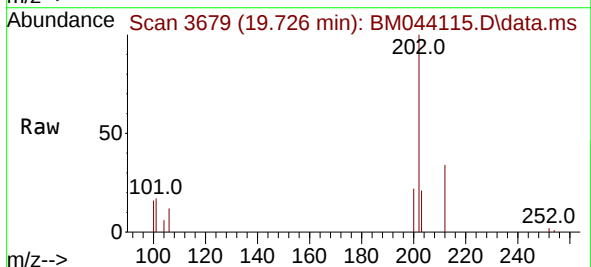
Manual Integrations
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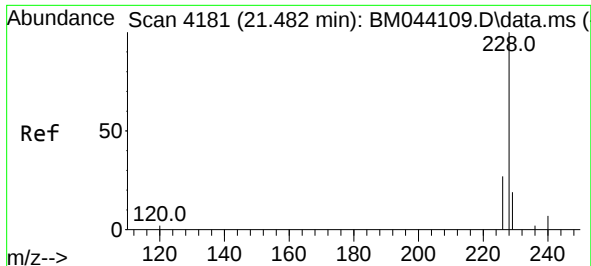
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.539 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

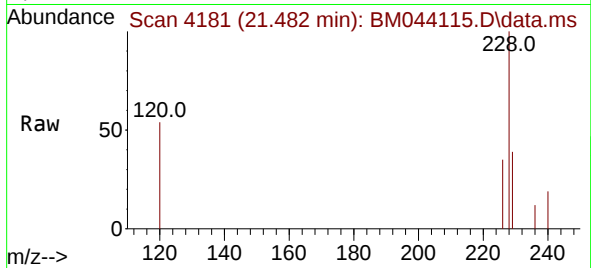
Tgt Ion:202 Resp: 46469
Ion Ratio Lower Upper
202 100
101 16.5 11.2 16.8
100 15.6 8.6 13.0





#21
Benzo(a)anthracene
Concen: 0.173 ng/ul m
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

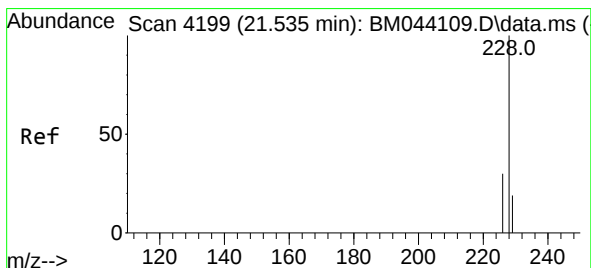
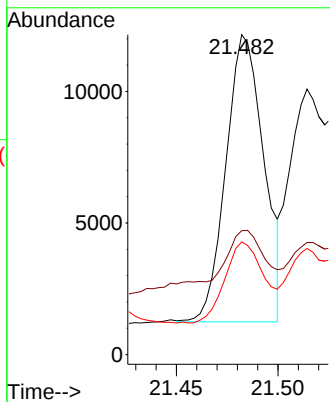
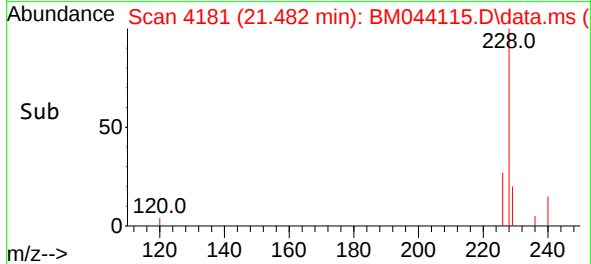
Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:228 Resp: 14207
Ion Ratio Lower Upper
228 100
229 38.7 15.4 23.2#
226 35.2 22.1 33.1#

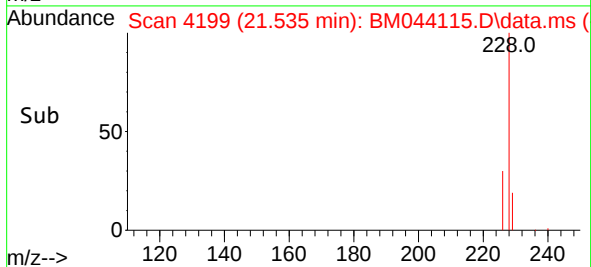
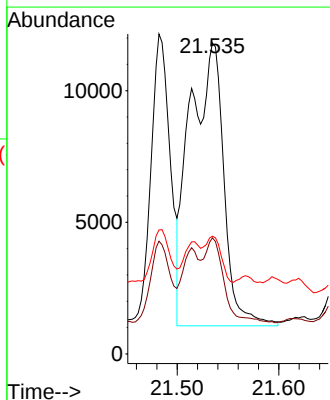
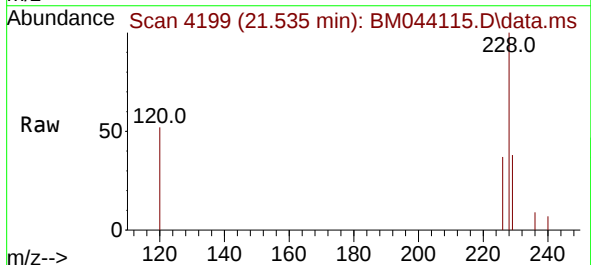
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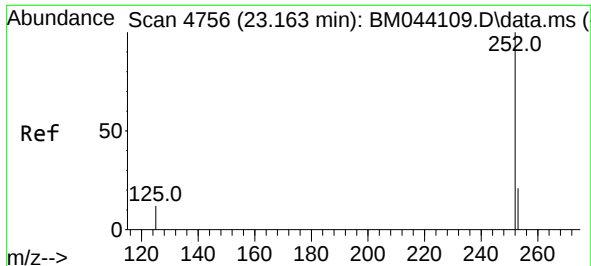
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#22
Chrysene
Concen: 0.281 ng/ul m
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

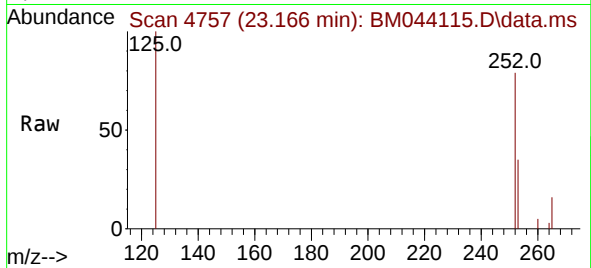
Tgt Ion:228 Resp: 24955
Ion Ratio Lower Upper
228 100
226 37.3 24.2 36.2#
229 37.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul m
RT: 23.166 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

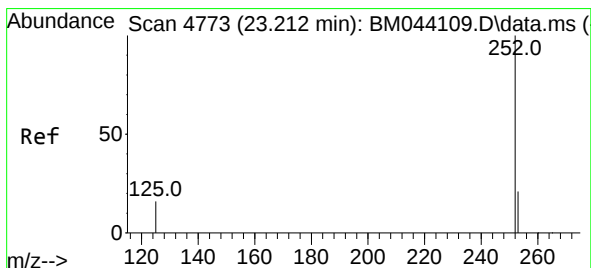
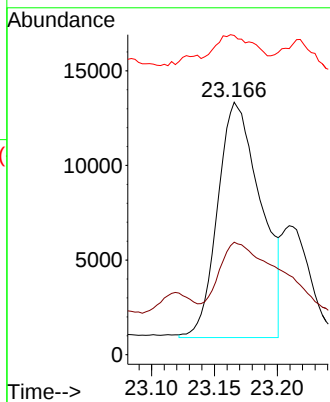
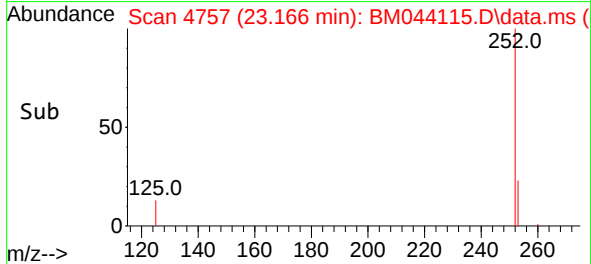
Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:252 Resp: 2977
Ion Ratio Lower Upper
252 100
253 44.6 0.0 50.0
125 126.5 0.0 28.2

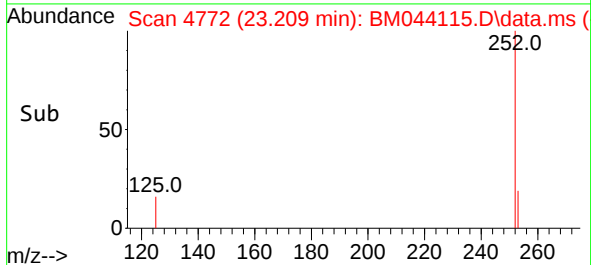
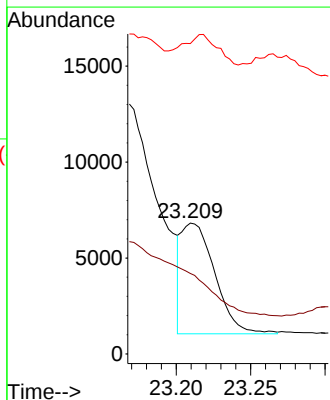
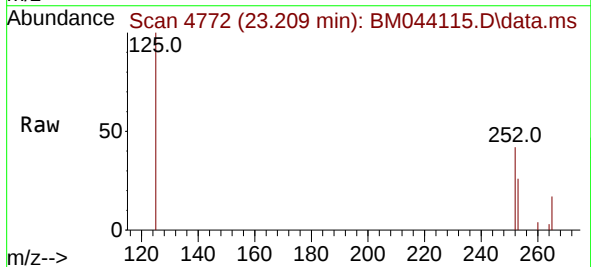
Manual Integrations
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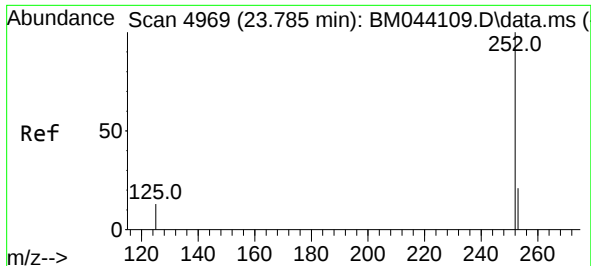
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

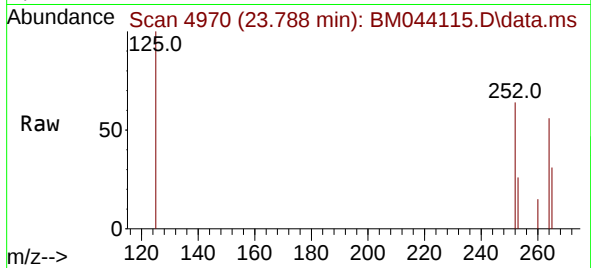
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Ion Ratio Lower Upper
252 100
253 61.5 20.1 30.1#
125 237.2 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 0.210 ng/ul m
RT: 23.788 min Scan# 4969
Delta R.T. 0.003 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

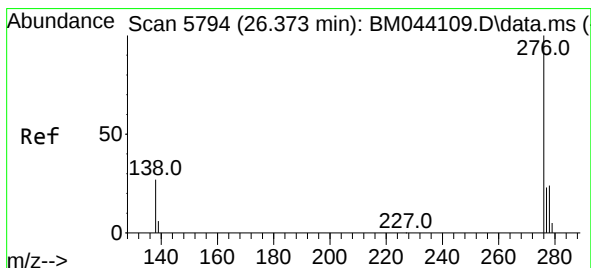
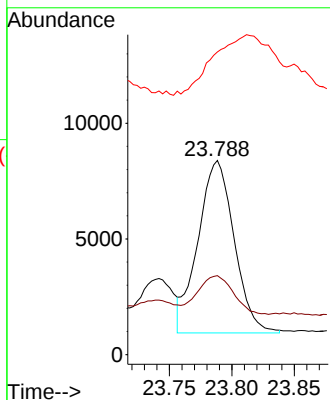
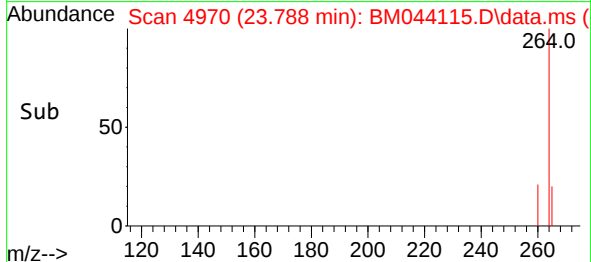
Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:252 Resp: 15020
Ion Ratio Lower Upper
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253 40.7 21.4 32.2
125 155.9 13.3 19.9

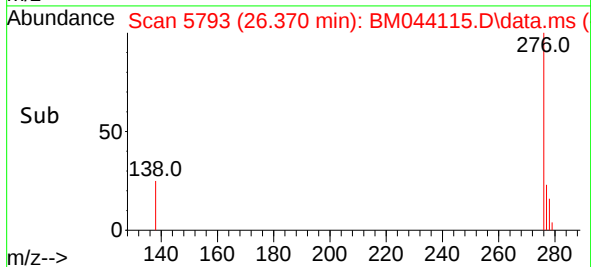
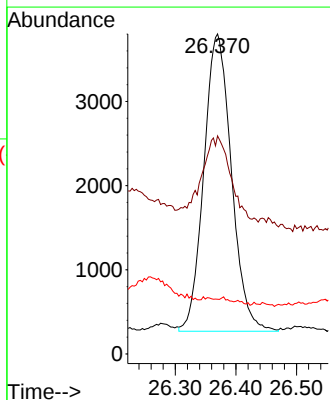
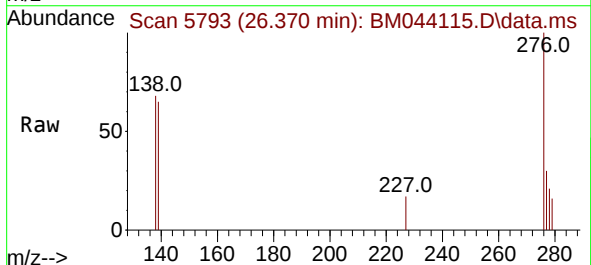
Manual Integrations
APPROVED

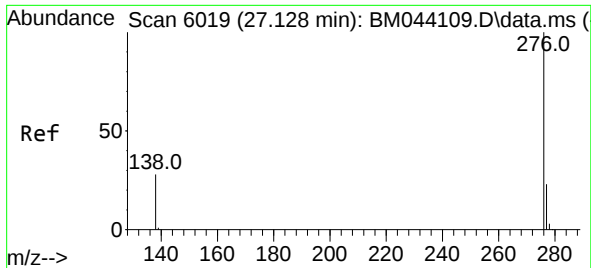
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul m
RT: 26.370 min Scan# 5793
Delta R.T. 0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

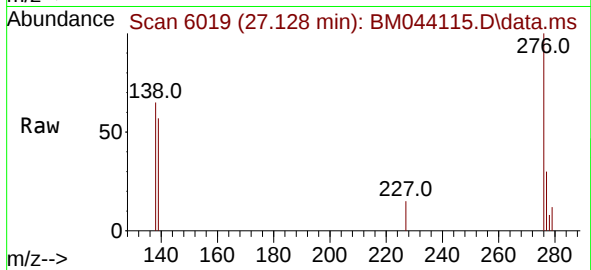
Tgt Ion:276 Resp: 11166
Ion Ratio Lower Upper
276 100
138 6.3 25.2 37.8#
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.141 ng/ul m
RT: 27.128 min Scan# 6019
Delta R.T. -0.000 min
Lab File: BM044115.D
Acq: 16 Feb 2024 00:01

Instrument :
BNA_M
ClientSampleId :
C0FM7



Tgt Ion:276 Resp: 1135
Ion Ratio Lower Upper
276 100
138 64.6 22.7 34.1
277 30.1 19.0 28.6

Manual Integrations
APPROVED

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

