

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044131.D
 Acq On : 16 Feb 2024 10:18
 Operator : MA/JU
 Sample : P1305-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP8

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 22:38:24 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	7.901	152	9312	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	32105	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	17038	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	35235m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	23240m	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	25654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	67991	5.156	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	15098	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	28761	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	1918	0.020	ng/ul#	81
14) Pentachlorophenol	16.946	266	429	0.034	ng/ul	94
15) Phenanthrene	17.339	178	13815	0.124	ng/ul	99
19) Fluoranthene	19.359	202	24994	0.236	ng/ul#	95
20) Pyrene	19.726	202	19927m	0.179	ng/ul	
21) Benzo(a)anthracene	21.482	228	3610	0.034	ng/ul#	83
22) Chrysene	21.532	228	9859	0.086	ng/ul	95
24) Benzo(b)fluoranthene	23.163	252	10919	0.103	ng/ul#	71
25) Benzo(k)fluoranthene	23.207	252	4667m	0.041	ng/ul	
26) Benzo(a)pyrene	23.783	252	4472	0.045	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.363	276	4339	0.035	ng/ul#	97
29) Benzo(g,h,i)perylene	27.124	276	4095	0.037	ng/ul#	74

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

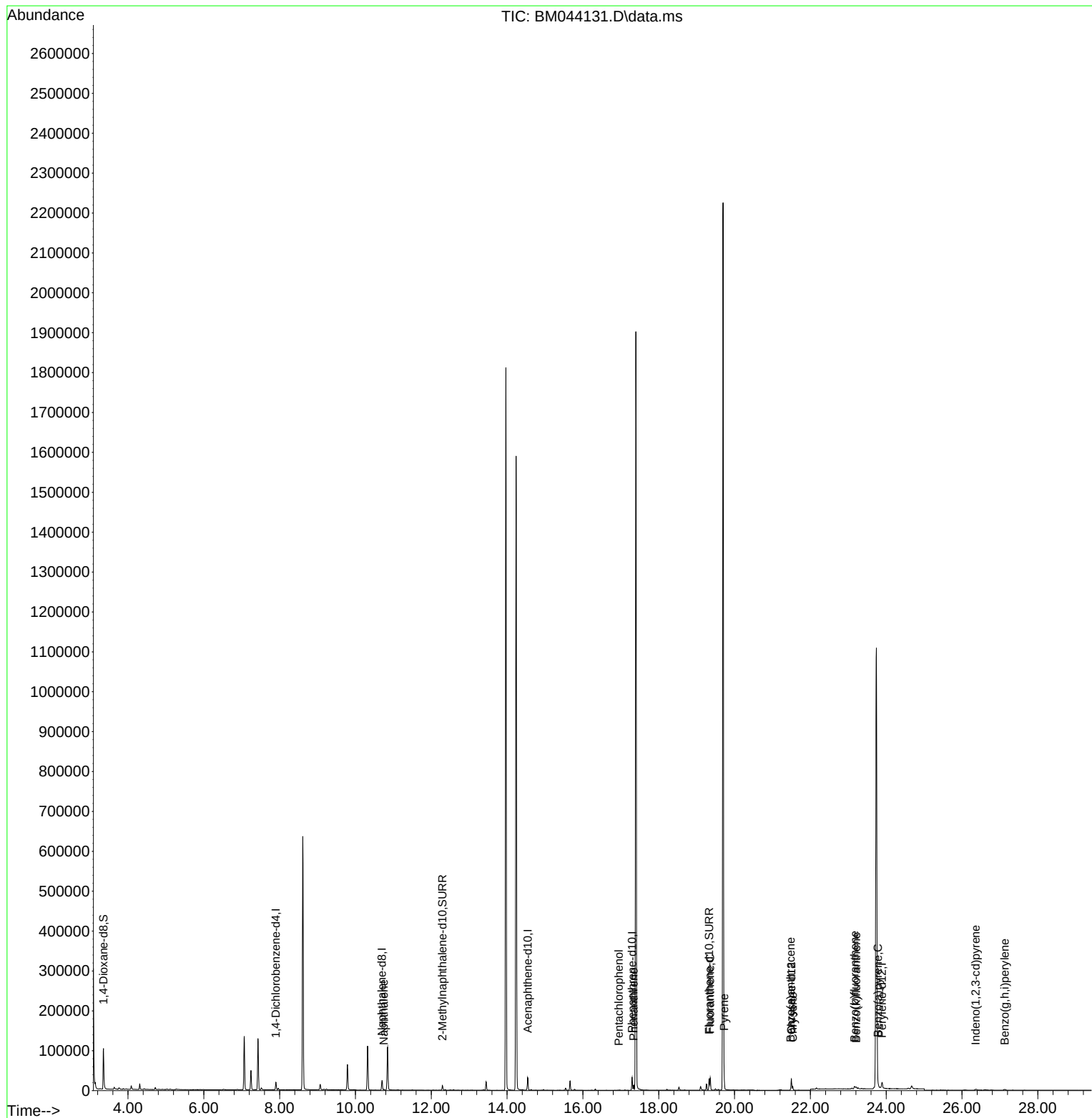
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044131.D
Acq On : 16 Feb 2024 10:18
Operator : MA/JU
Sample : P1305-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

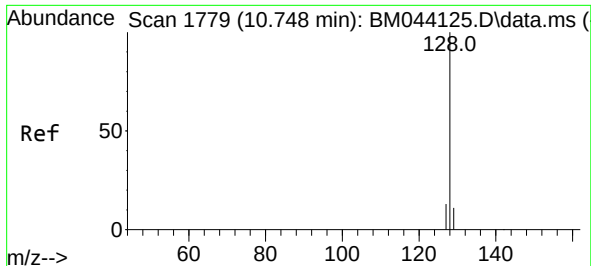
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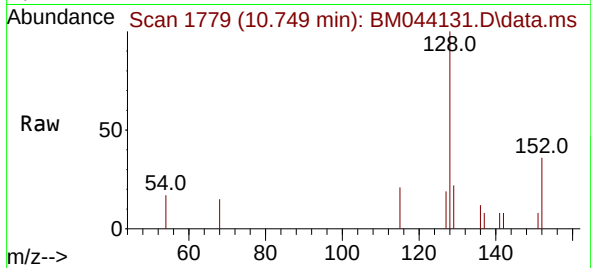
Quant Time: Feb 16 22:38:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

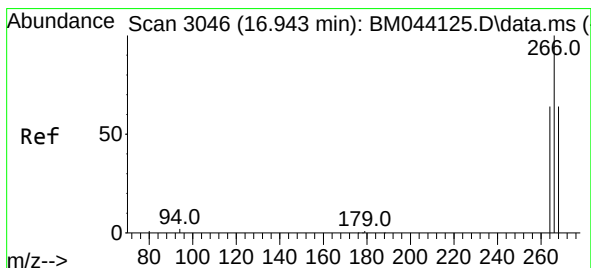
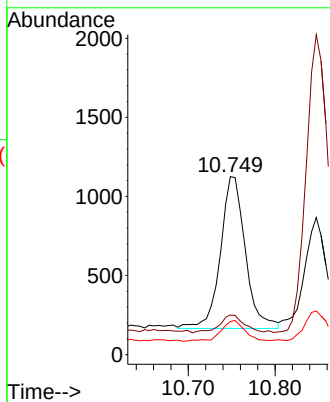
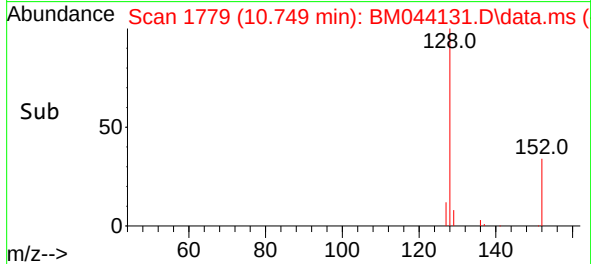
Instrument :
BNA_M
ClientSampleId :
C0FP8



Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
129 22.3 9.5 14.3
127 18.6 10.7 16.1

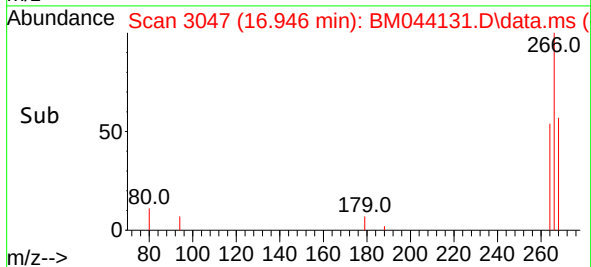
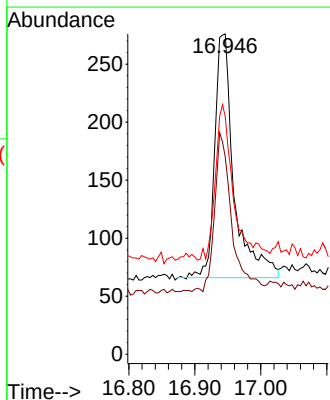
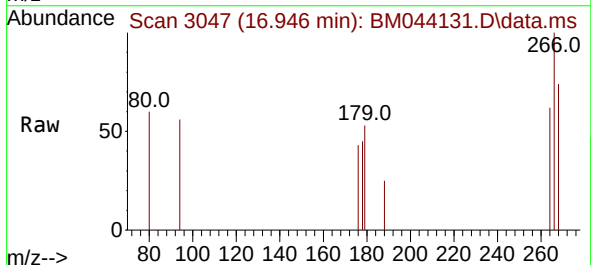
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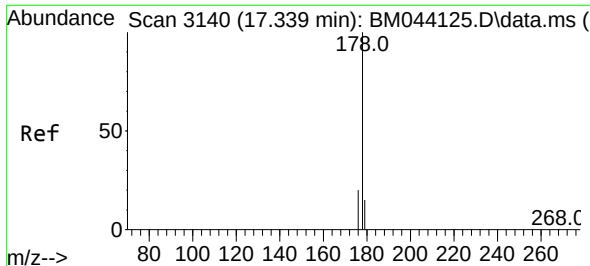
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

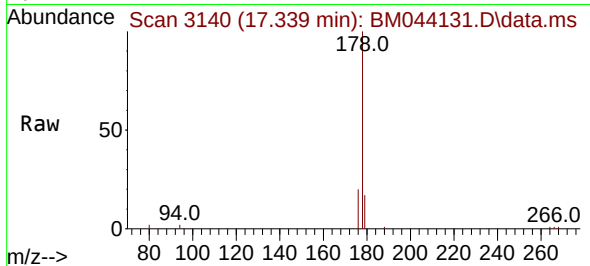
Tgt Ion:266 Resp: 429
Ion Ratio Lower Upper
266 100
264 57.3 49.4 74.0
268 59.9 52.1 78.1





#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

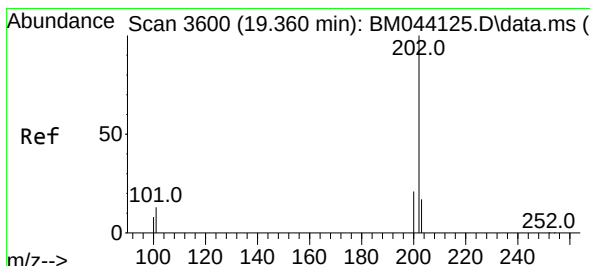
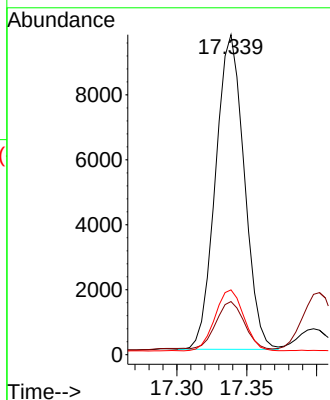
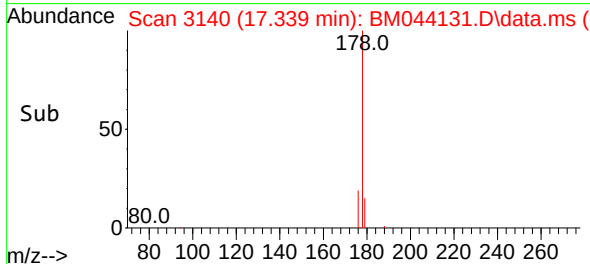
Instrument :
BNA_M
ClientSampleId :
C0FP8



Tgt Ion:178 Resp: 13815
Ion Ratio Lower Upper
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179 16.6 12.6 19.0
176 20.3 16.0 24.0

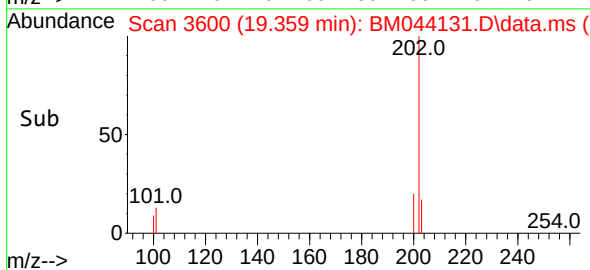
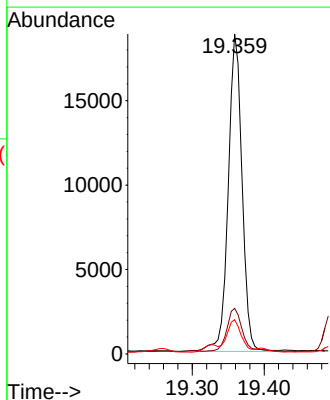
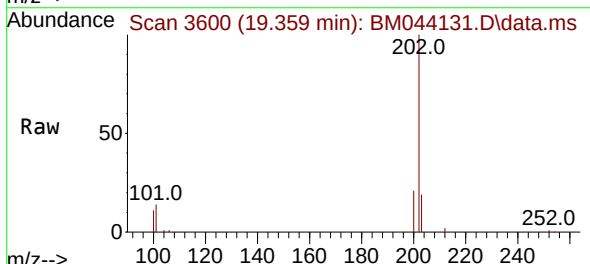
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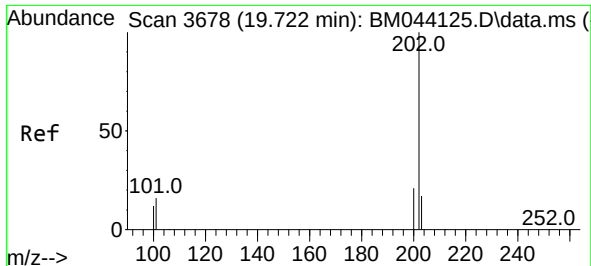
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#19
Fluoranthene
Concen: 0.236 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

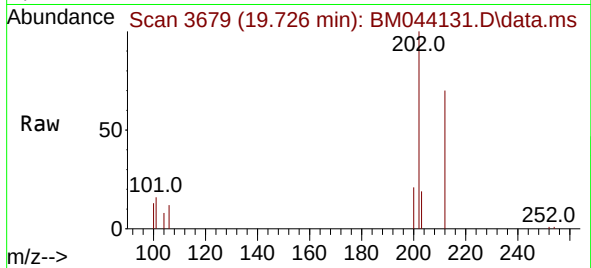
Tgt Ion:202 Resp: 24994
Ion Ratio Lower Upper
202 100
101 14.2 9.8 14.6
100 10.7 7.0 10.4#





#20
Pyrene
Concen: 0.179 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

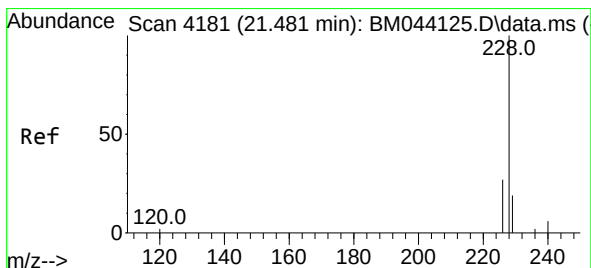
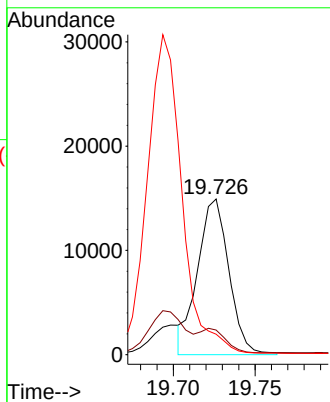
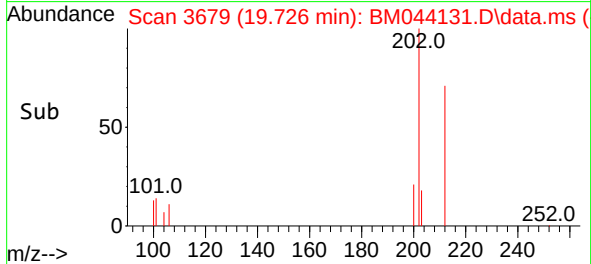
Instrument :
BNA_M
ClientSampleId :
C0FP8



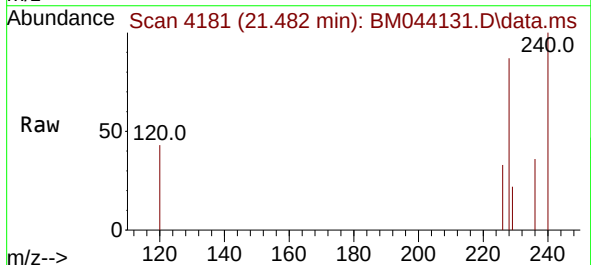
Tgt Ion:202 Resp: 1992
Ion Ratio Lower Upper
202 100
101 15.8 11.2 16.8
100 13.2 8.6 13.0

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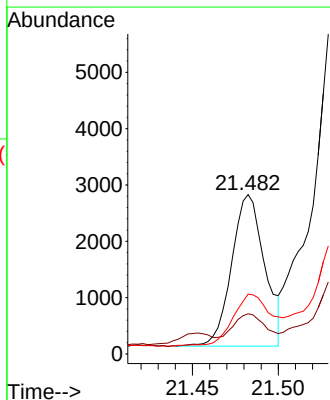
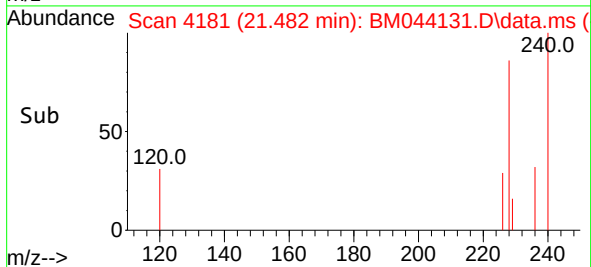
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Supervised By :mohammad ahmed 02/19/2024

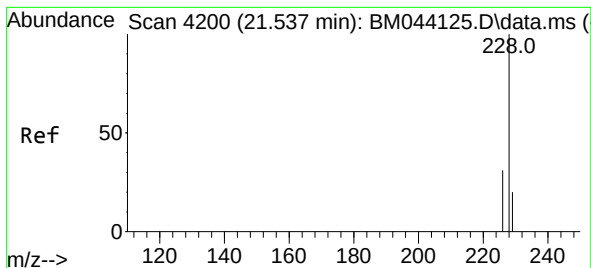


#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18



Tgt Ion:228 Resp: 3610
Ion Ratio Lower Upper
228 100
229 25.2 15.4 23.2#
226 37.6 22.1 33.1#





#22

Chrysene

Concen: 0.086 ng/ul

RT: 21.532 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM044131.D

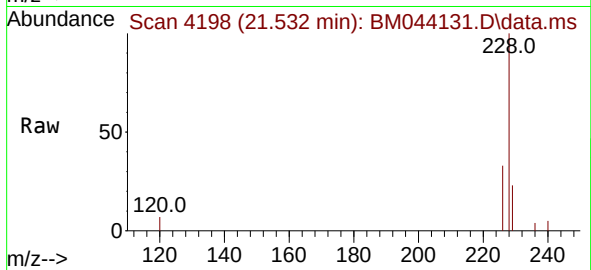
Acq: 16 Feb 2024 10:18

Instrument :

BNA_M

ClientSampleId :

C0FP8



Tgt Ion:228 Resp: 985

Ion Ratio Lower Upper

228 100

226 32.6 24.2 36.2

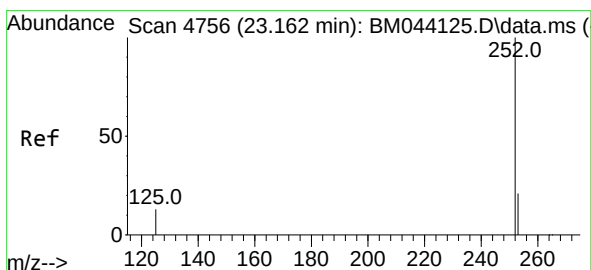
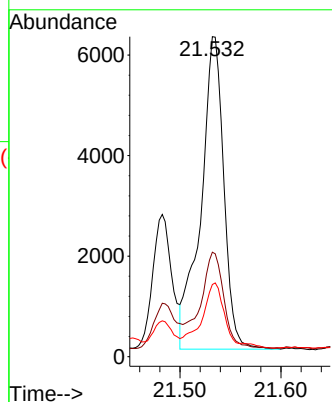
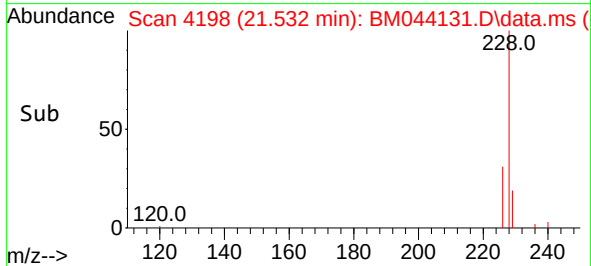
229 22.6 15.8 23.6

Manual Integrations

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Supervised By :mohammad ahmed 02/19/2024



#24

Benzo(b)fluoranthene

Concen: 0.103 ng/ul

RT: 23.163 min Scan# 4756

Delta R.T. 0.000 min

Lab File: BM044131.D

Acq: 16 Feb 2024 10:18

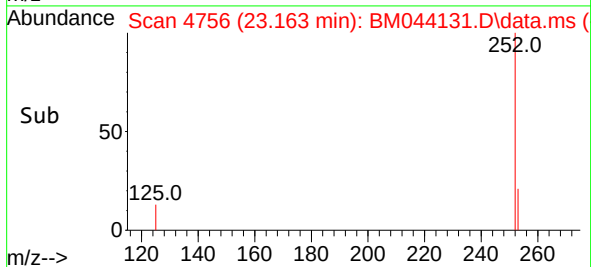
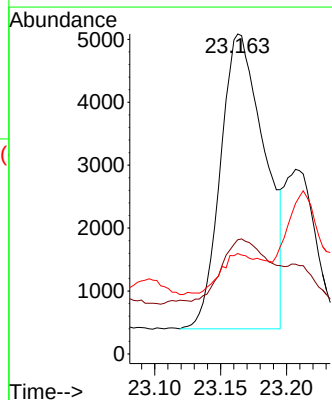
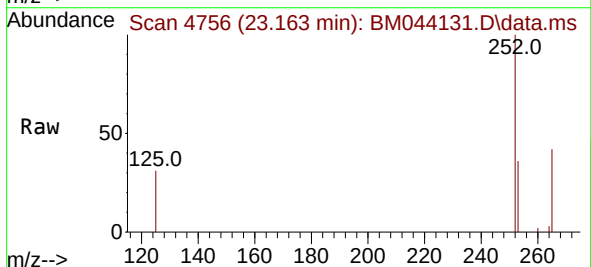
Tgt Ion:252 Resp: 10919

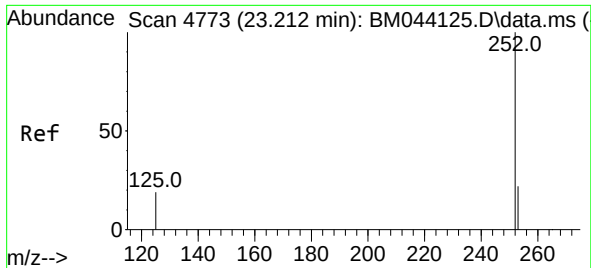
Ion Ratio Lower Upper

252 100

253 35.7 0.0 50.0

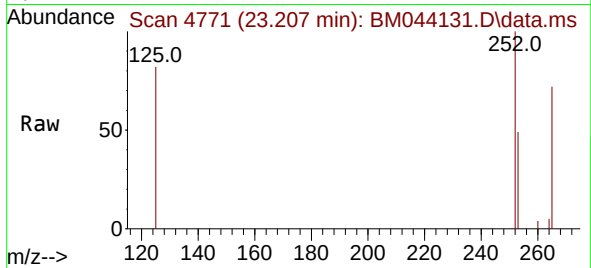
125 31.4 0.0 28.2#





#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.207 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

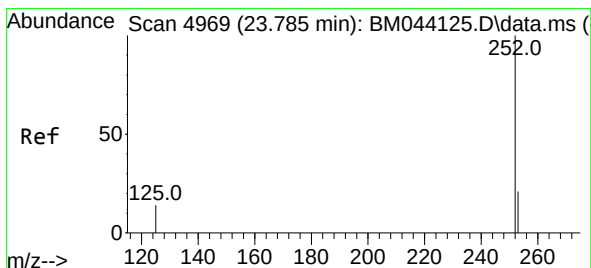
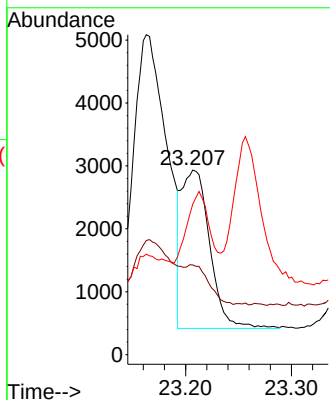
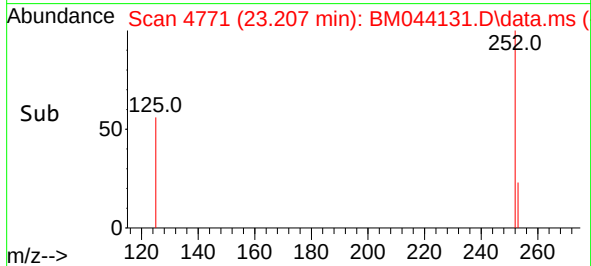
Instrument :
BNA_M
ClientSampleId :
C0FP8



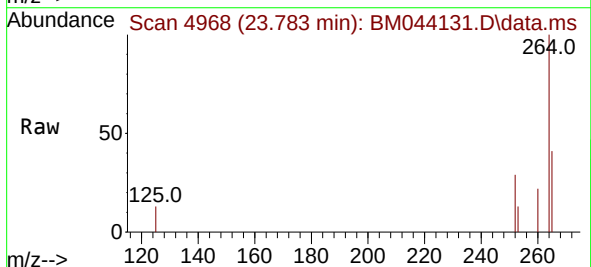
Tgt Ion:252 Resp: 466
Ion Ratio Lower Upper
252 100
253 48.6 20.1 30.1
125 81.5 12.3 18.5

Manual Integrations
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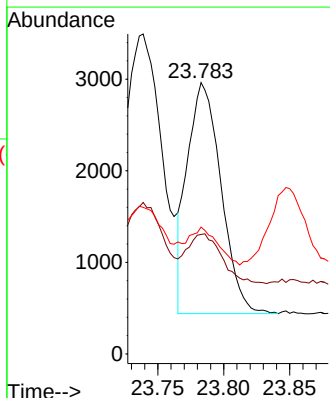
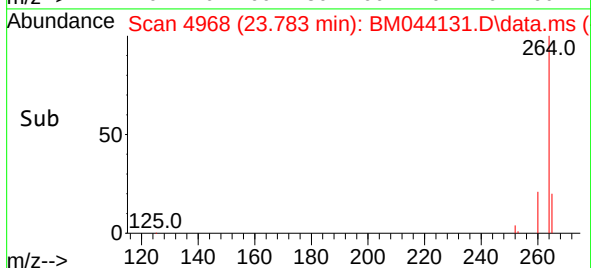
Reviewed By :Yogesh Patel 02/17/2024
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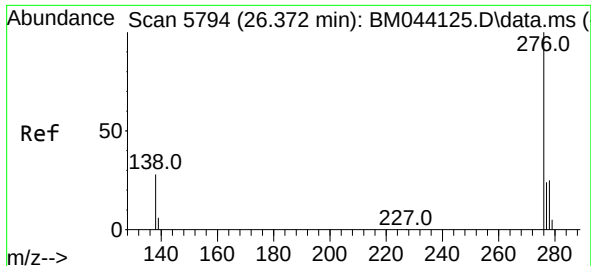


#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.783 min Scan# 4968
Delta R.T. -0.003 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18



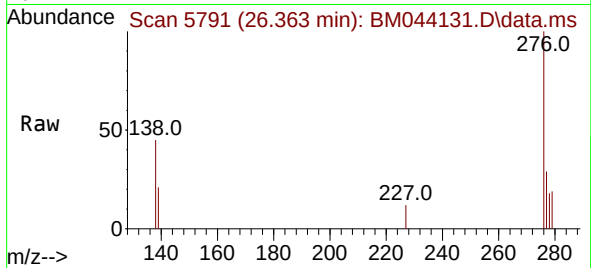
Tgt Ion:252 Resp: 4472
Ion Ratio Lower Upper
252 100
253 44.0 21.4 32.2#
125 46.7 13.3 19.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 26.363 min Scan# 5794
Delta R.T. -0.006 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

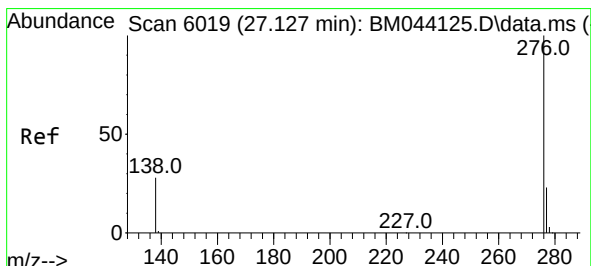
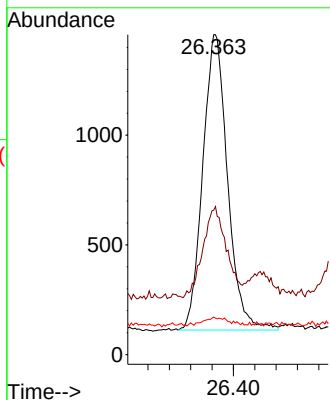
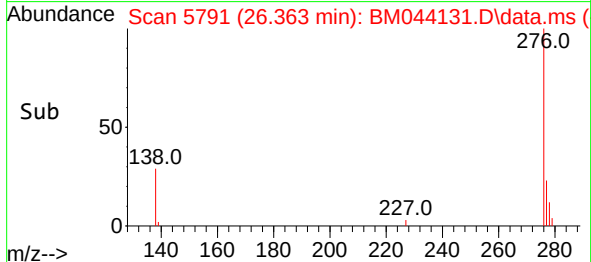
Instrument :
BNA_M
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C0FP8



Tgt Ion:276 Resp: 4339
Ion Ratio Lower Upper
276 100
138 29.9 25.2 37.8
227 2.2 0.1 0.1

Manual Integrations
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Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

Tgt Ion:276 Resp: 4095
Ion Ratio Lower Upper
276 100
138 46.9 22.7 34.1#
277 31.7 19.0 28.6#

