

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045924.D
 Acq On : 08 Jun 2024 19:53
 Operator : MA/JU
 Sample : P2640-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C20

Manual Integrations
 APPROVED

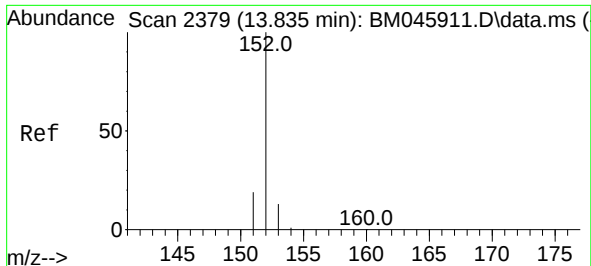
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:29:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

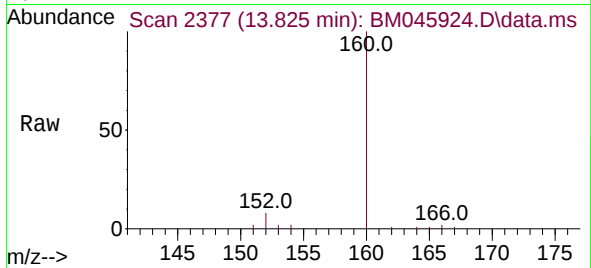
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6107	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	21223	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	11775	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	24550m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	13692m	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	13454m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	22234	3.197	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	6510	0.213	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	11905	0.290	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.825	152	1809	0.034	ng/ul#	88
12) Fluorene	15.162	166	912	0.021	ng/ul#	93
15) Phenanthrene	16.891	178	20199m	0.293	ng/ul	
16) Anthracene	16.980	178	4069m	0.069	ng/ul	
19) Fluoranthene	18.913	202	42236	0.774	ng/ul	98
20) Pyrene	19.275	202	35650	0.626	ng/ul	98
21) Benzo(a)anthracene	21.029	228	14606	0.291	ng/ul	95
22) Chrysene	21.082	228	16577	0.303	ng/ul	98
24) Benzo(b)fluoranthene	22.531	252	20111m	0.451	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	7489m	0.153	ng/ul	
26) Benzo(a)pyrene	23.057	252	13279	0.299	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.216	276	10622	0.185	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.226	278	2456	0.054	ng/ul#	21
29) Benzo(g,h,i)perylene	25.843	276	10824	0.219	ng/ul	94

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



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.825 min Scan# 2379
Delta R.T. -0.014 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

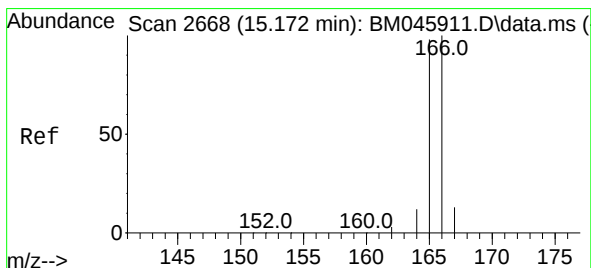
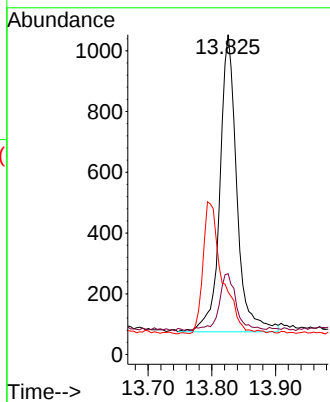
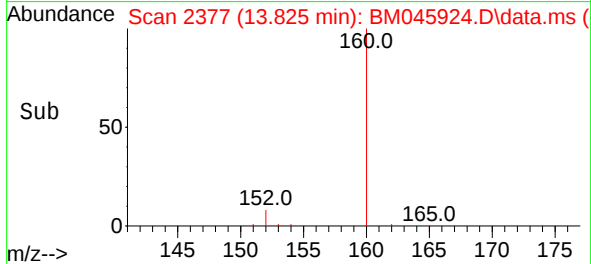
Instrument :
BNA_M
ClientSampleId :
A4C20



Tgt Ion:152 Resp: 1809
Ion Ratio Lower Upper
152 100
151 25.3 16.4 24.6
153 19.6 11.1 16.7

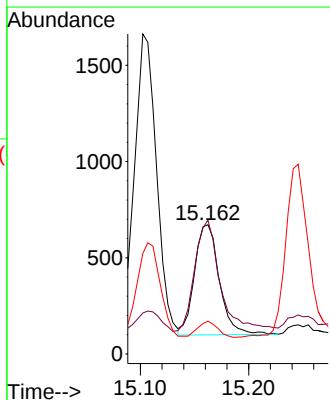
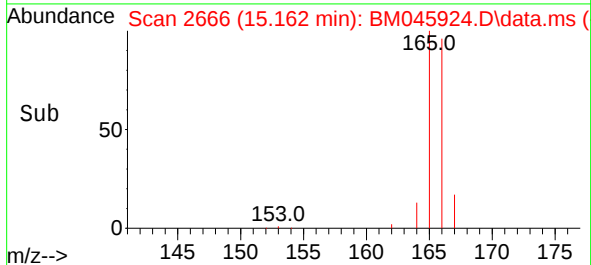
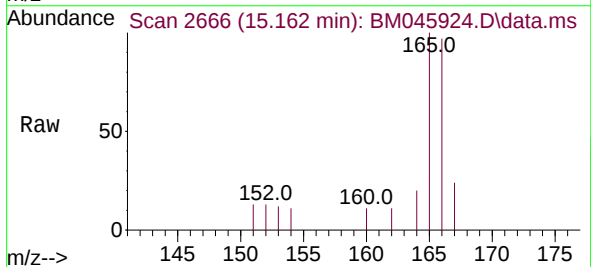
Manual Integrations
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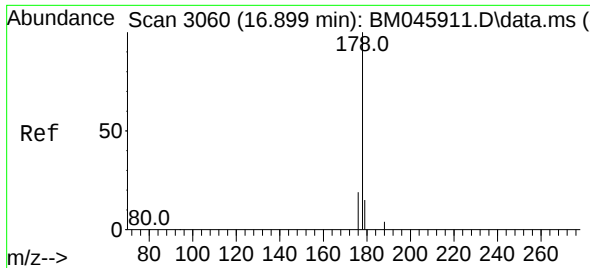
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Tgt Ion:166 Resp: 912
Ion Ratio Lower Upper
166 100
165 103.4 79.7 119.5
167 25.3 11.3 16.9





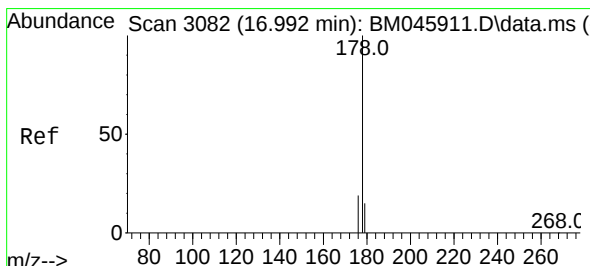
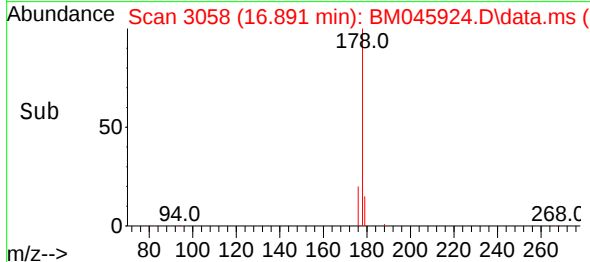
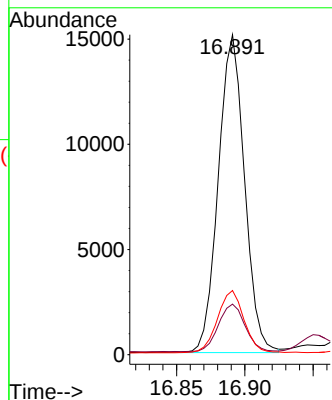
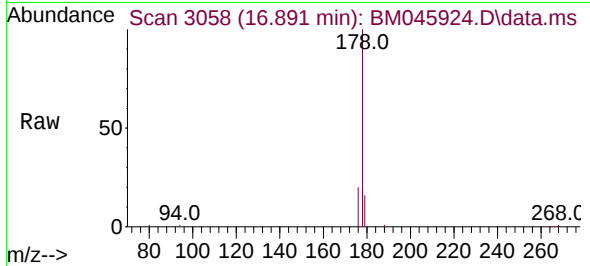
#15
Phenanthrene
Concen: 0.293 ng/ul m
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Instrument :
BNA_M
ClientSampleId :
A4C20

Tgt Ion:178 Resp: 2019
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 20.0 15.6 23.4

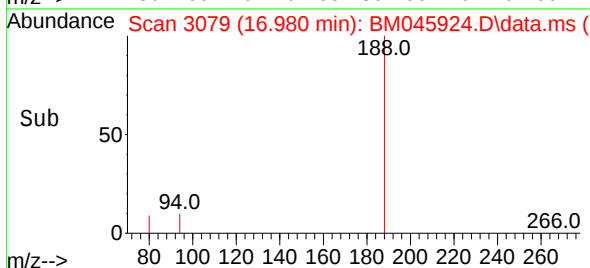
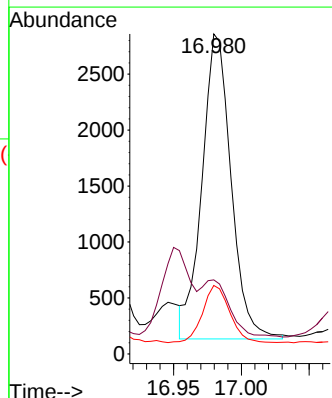
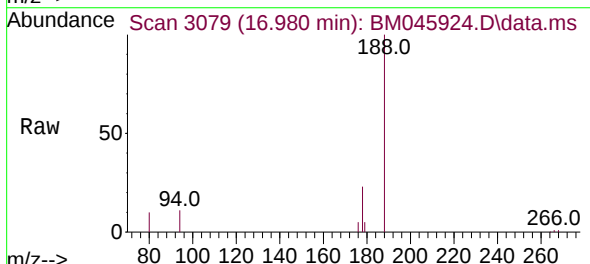
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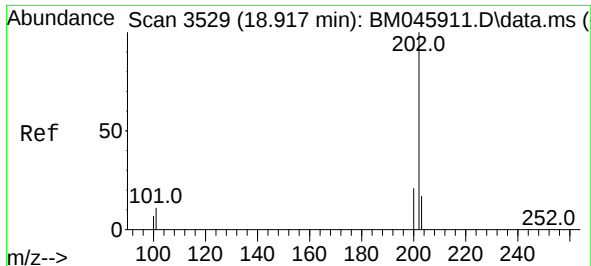
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.069 ng/ul m
RT: 16.980 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Tgt Ion:178 Resp: 4069
Ion Ratio Lower Upper
178 100
179 23.2 13.1 19.7#
176 21.4 15.5 23.3





#19

Fluoranthene

Concen: 0.774 ng/ul

RT: 18.913 min Scan# 3529

Delta R.T. -0.009 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

Instrument :

BNA_M

ClientSampleId :

A4C20

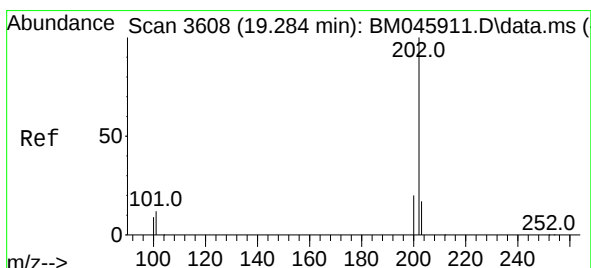
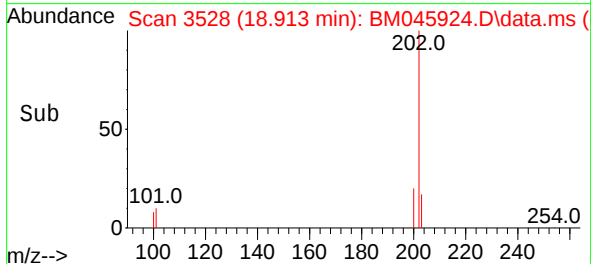
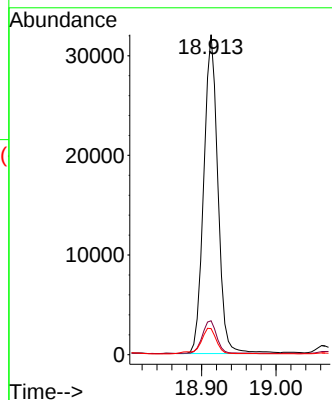
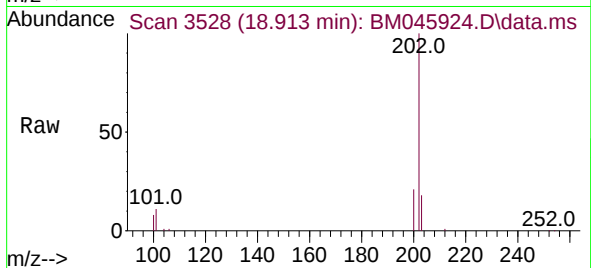
Tgt Ion:202	Resp:	42230
Ion Ratio	Lower	Upper
202	100	
101	10.6	9.0 13.6
100	8.2	7.0 10.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#20

Pyrene

Concen: 0.626 ng/ul

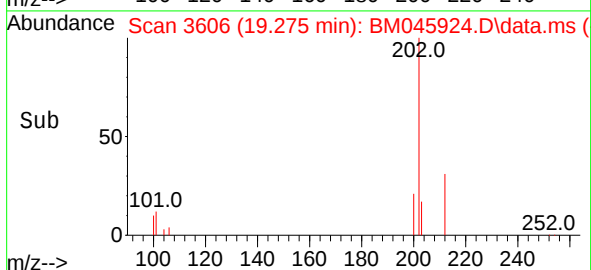
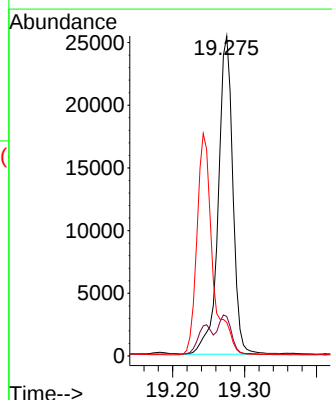
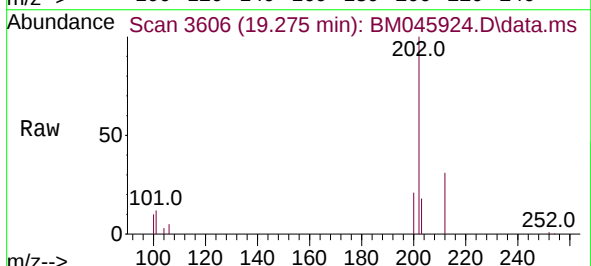
RT: 19.275 min Scan# 3606

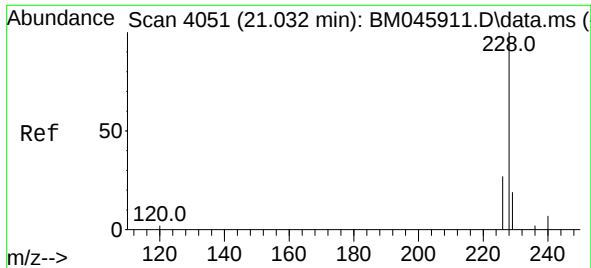
Delta R.T. -0.009 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

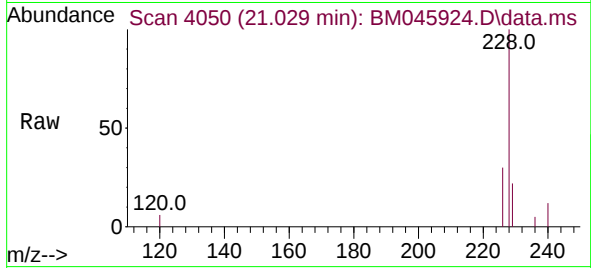
Tgt Ion:202	Resp:	35650
Ion Ratio	Lower	Upper
202	100	
101	12.4	10.6 16.0
100	10.5	9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.291 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

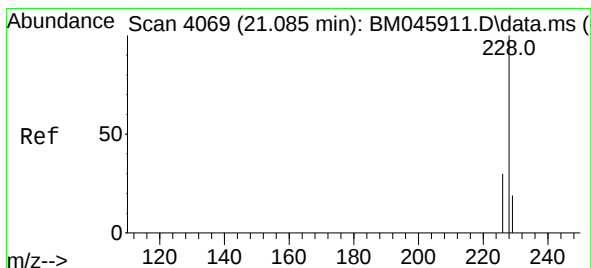
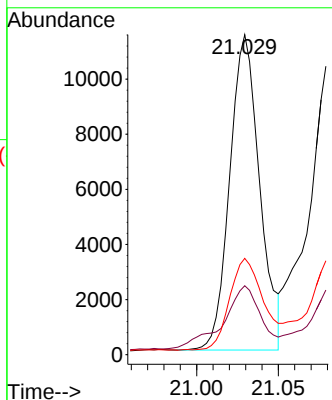
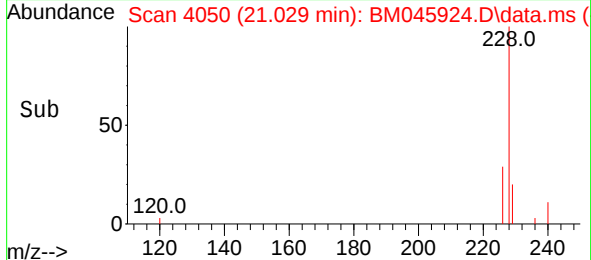
Instrument :
BNA_M
ClientSampleId :
A4C20



Tgt Ion:228 Resp: 14600
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 30.1 22.0 33.0

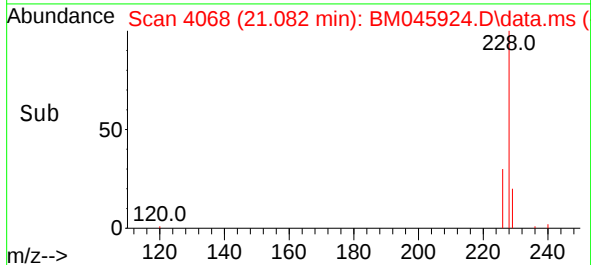
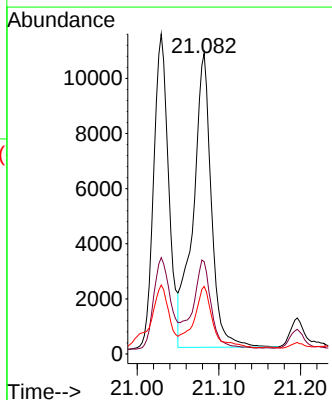
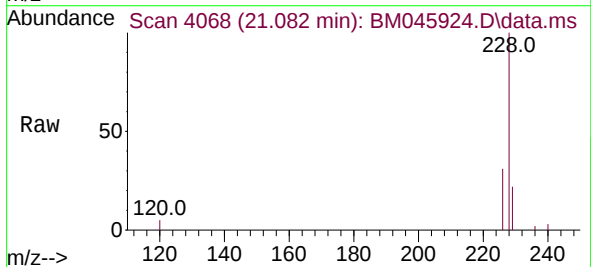
Manual Integrations
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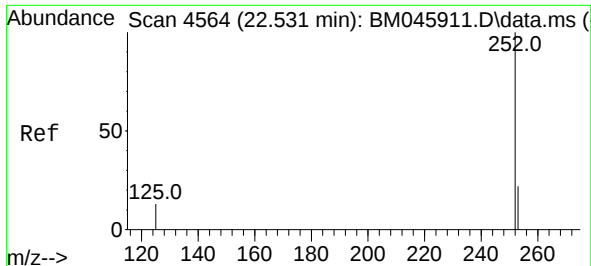
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

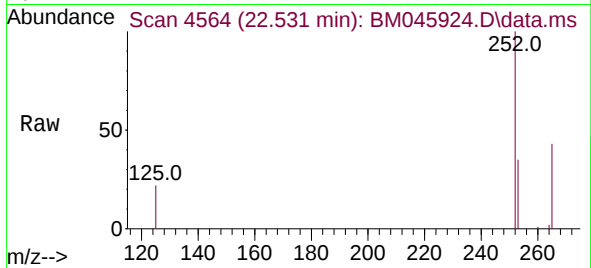
Tgt Ion:228 Resp: 16577
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

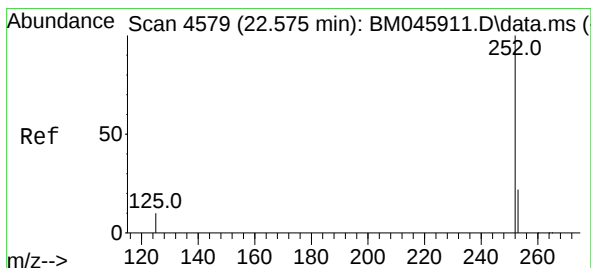
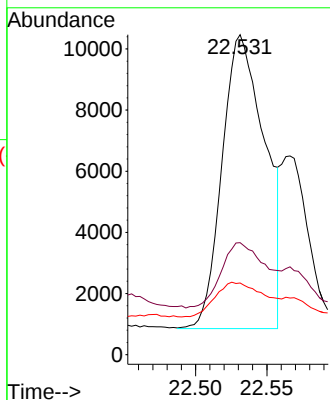
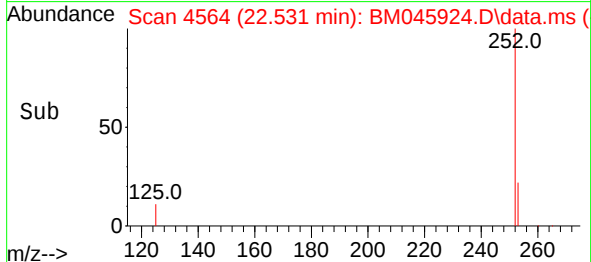
Instrument :
BNA_M
ClientSampleId :
A4C20



Tgt Ion:252 Resp: 2011
Ion Ratio Lower Upper
252 100
253 35.0 0.0 63.6
125 22.4 0.0 35.8

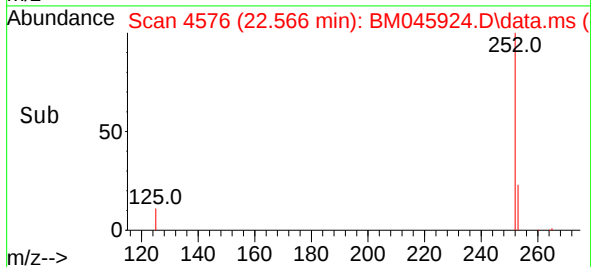
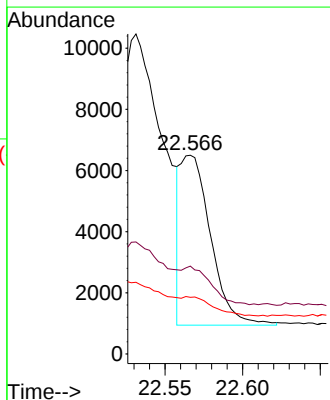
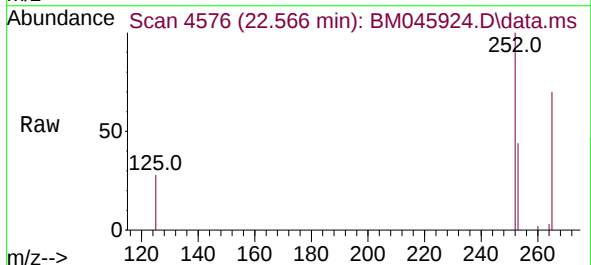
Manual Integrations
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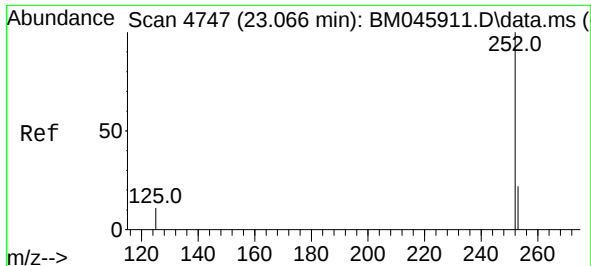
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

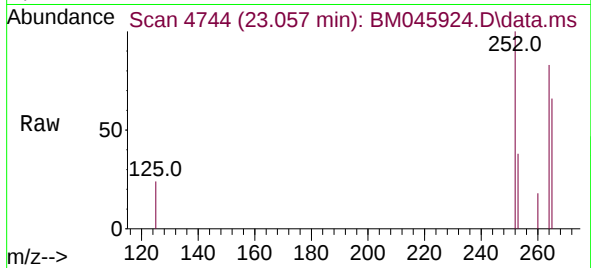
Tgt Ion:252 Resp: 7489
Ion Ratio Lower Upper
252 100
253 44.2 25.0 37.6#
125 28.5 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.057 min Scan# 4744
Delta R.T. -0.015 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

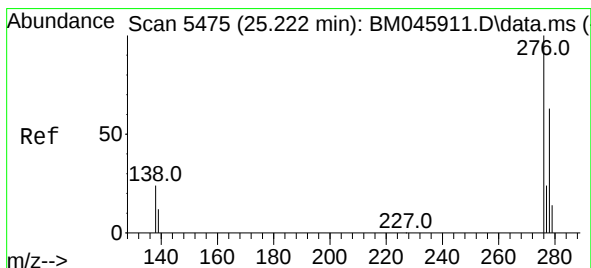
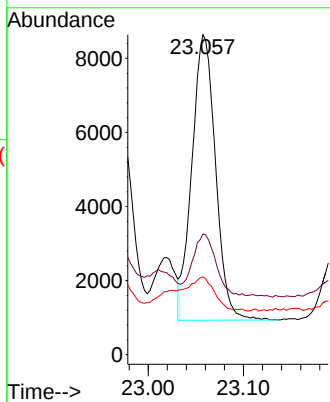
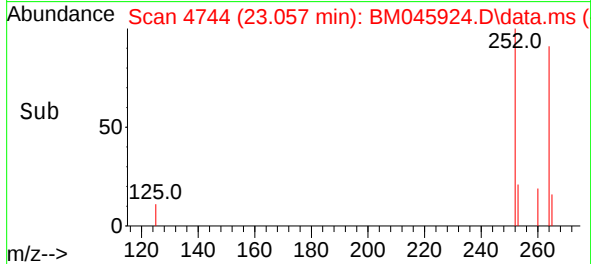
Instrument :
BNA_M
ClientSampleId :
A4C20



Tgt Ion:252 Resp: 13279
Ion Ratio Lower Upper
252 100
253 37.8 28.8 43.2
125 24.3 17.3 25.9

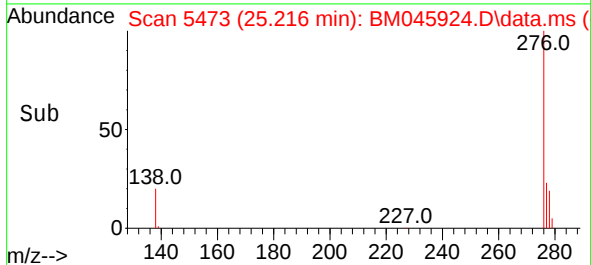
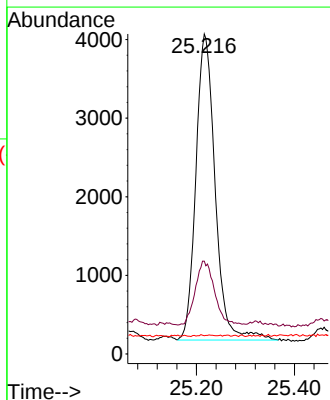
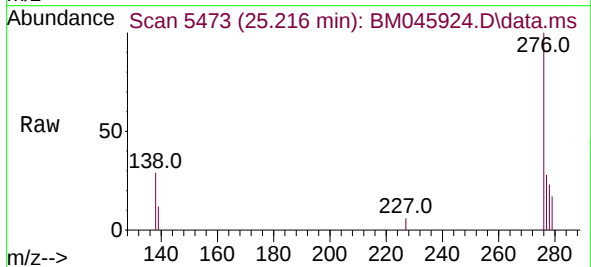
Manual Integrations
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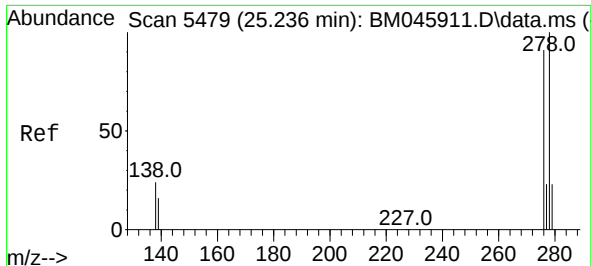
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Tgt Ion:276 Resp: 10622
Ion Ratio Lower Upper
276 100
138 20.8 20.7 31.1
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.054 ng/ul

RT: 25.226 min Scan# 5479

Delta R.T. -0.023 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

Instrument :

BNA_M

ClientSampleId :

A4C20

Tgt Ion:278 Resp: 2450

Ion Ratio Lower Upper

278 100

139 54.1 16.6 25.0

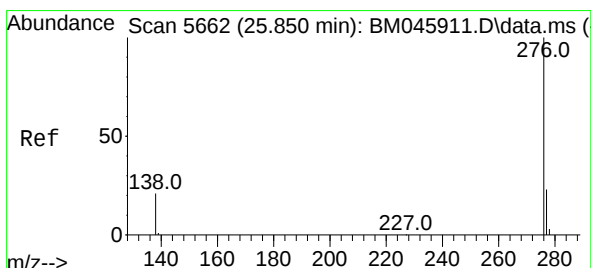
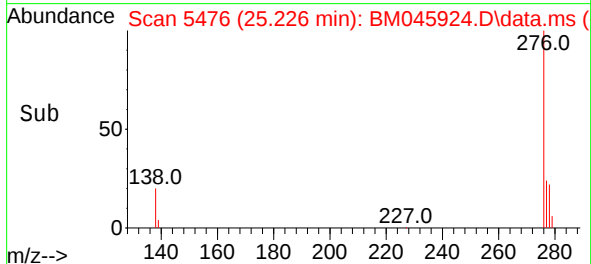
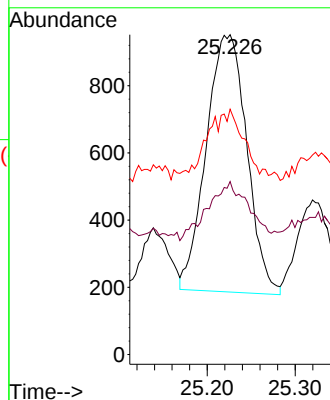
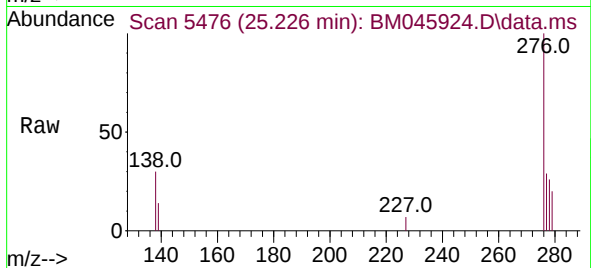
279 76.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.219 ng/ul

RT: 25.843 min Scan# 5660

Delta R.T. -0.020 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

Tgt Ion:276 Resp: 10824

Ion Ratio Lower Upper

276 100

138 30.2 21.0 31.4

277 27.8 20.5 30.7

