

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045922.D
 Acq On : 08 Jun 2024 18:41
 Operator : MA/JU
 Sample : P2640-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C22

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 01:29:36 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	5790	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	19926	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	11196	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	24909m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.047	240	17568m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	15021m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	20649	3.131	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	5407	0.189	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	12287	0.234	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.827	152	1370	0.027	ng/ul#	81
12) Fluorene	15.159	166	846	0.020	ng/ul#	94
15) Phenanthrene	16.892	178	16754m	0.240	ng/ul	
16) Anthracene	16.981	178	2342m	0.039	ng/ul	
19) Fluoranthene	18.914	202	31808	0.454	ng/ul	98
20) Pyrene	19.276	202	27523	0.377	ng/ul	98
21) Benzo(a)anthracene	21.029	228	10993	0.170	ng/ul	95
22) Chrysene	21.082	228	13421	0.191	ng/ul	96
24) Benzo(b)fluoranthene	22.534	252	15545m	0.312	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	5394m	0.099	ng/ul	
26) Benzo(a)pyrene	23.060	252	9329	0.188	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.219	276	7378	0.115	ng/ul#	92
29) Benzo(g,h,i)perylene	25.846	276	7594	0.137	ng/ul#	87

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

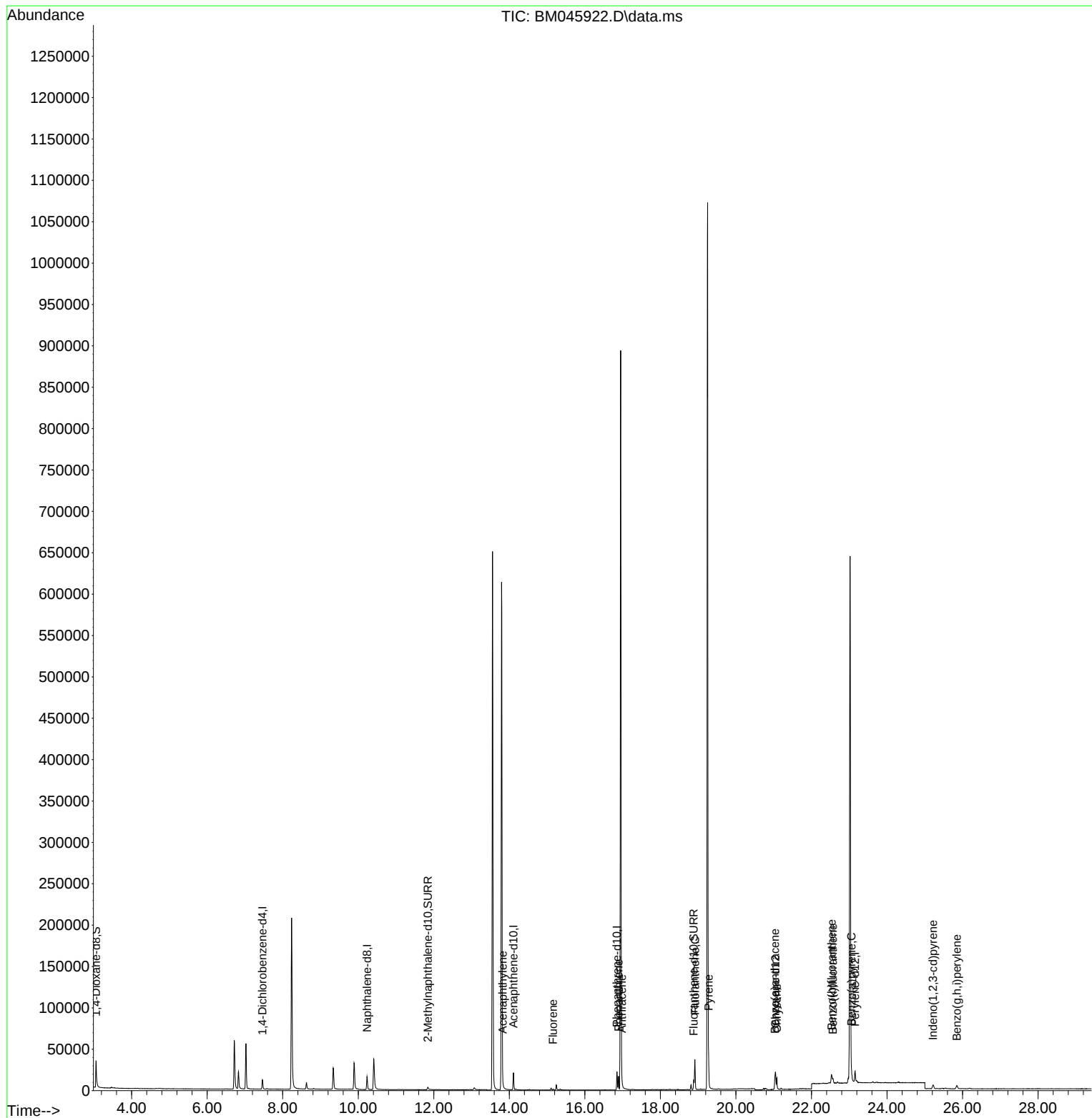
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045922.D
Acq On : 08 Jun 2024 18:41
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ALS Vial : 50 Sample Multiplier: 1

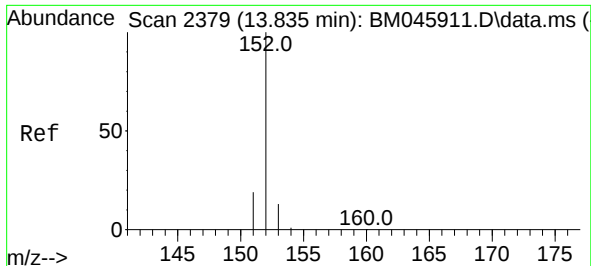
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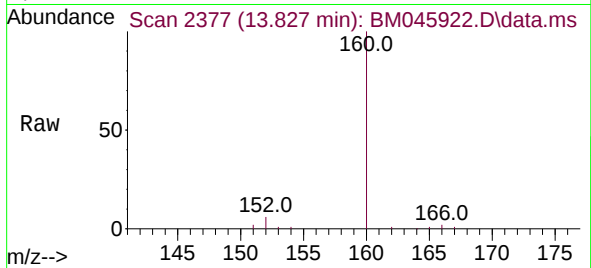
Quant Time: Jun 10 01:29:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.827 min Scan# 2379
Delta R.T. -0.013 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

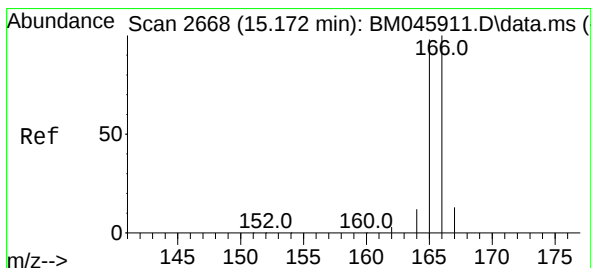
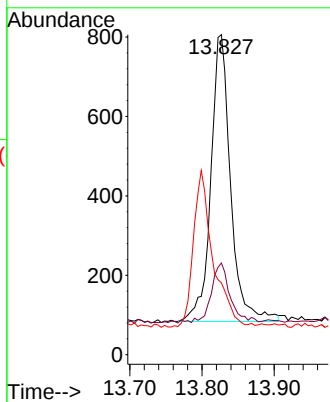
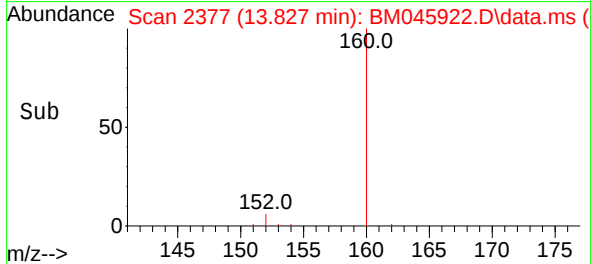
Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:152 Resp: 1370
Ion Ratio Lower Upper
152 100
151 28.7 16.4 24.6
153 22.5 11.1 16.7

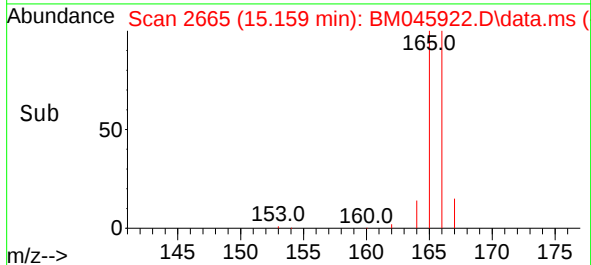
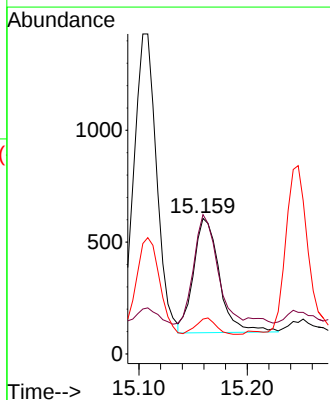
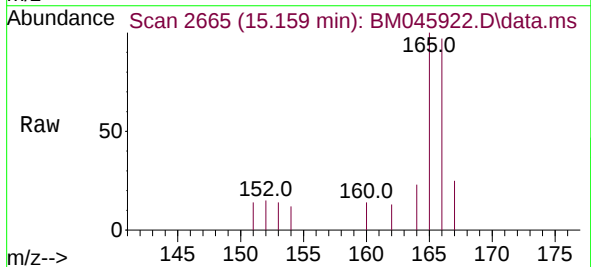
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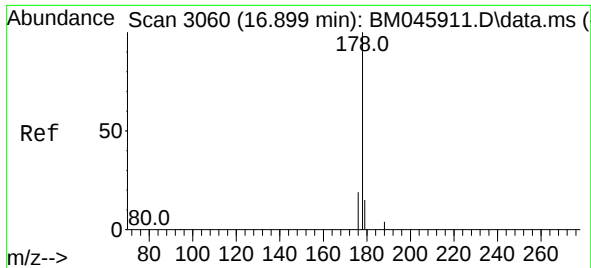
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.159 min Scan# 2665
Delta R.T. -0.017 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

Tgt Ion:166 Resp: 846
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 25.7 11.3 16.9





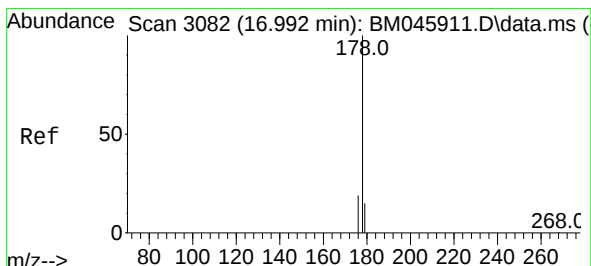
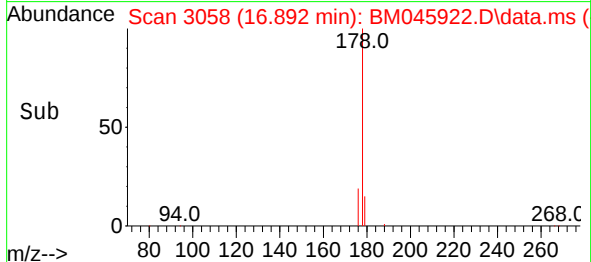
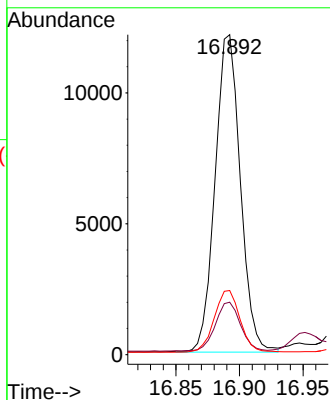
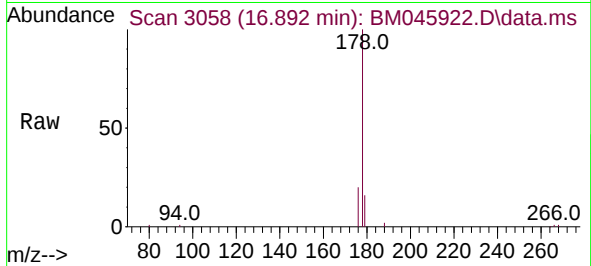
#15
Phenanthrene
Concen: 0.240 ng/ul m
RT: 16.892 min Scan# 3079
Delta R.T. -0.011 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

Instrument :
BNA_M
ClientSampleId :
A4C22

Tgt Ion:178 Resp: 16754
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.1 15.6 23.4

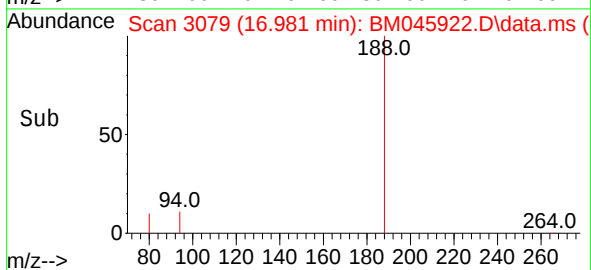
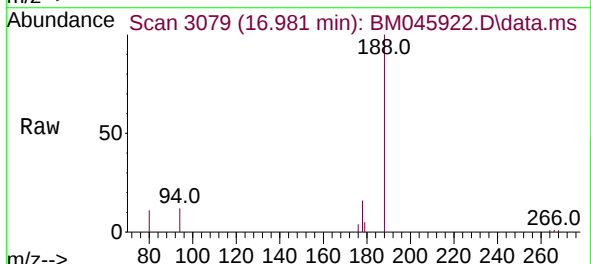
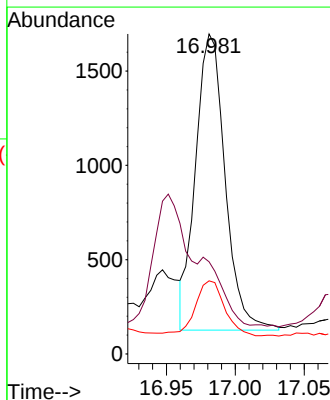
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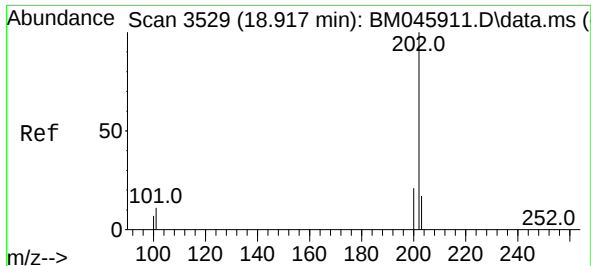
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.039 ng/ul m
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

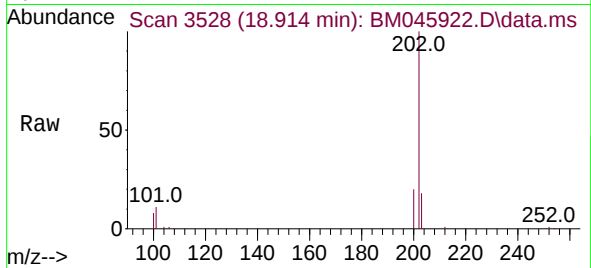
Tgt Ion:178 Resp: 2342
Ion Ratio Lower Upper
178 100
179 28.8 13.1 19.7#
176 22.9 15.5 23.3





#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 18.914 min Scan# 3528
Delta R.T. -0.008 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

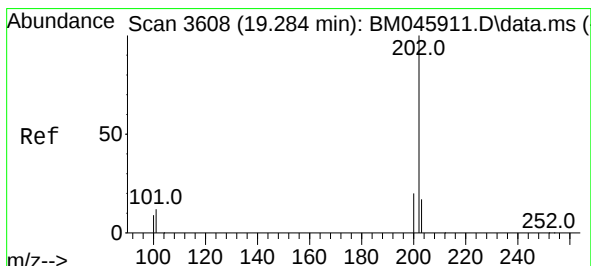
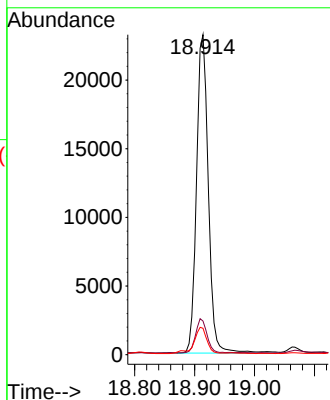
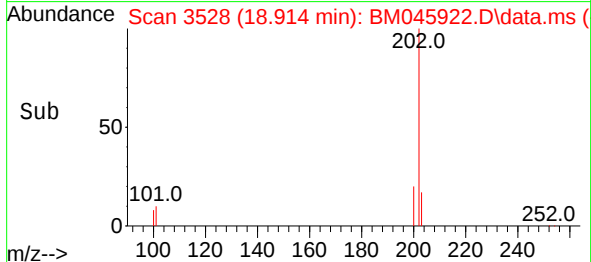
Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:202 Resp: 31808
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.2 7.0 10.6

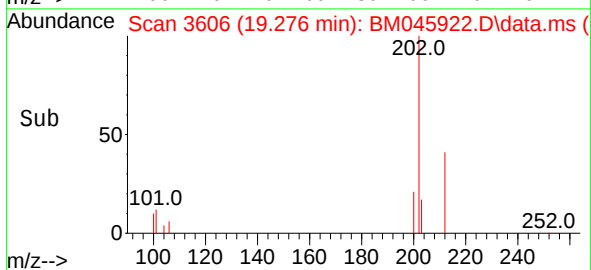
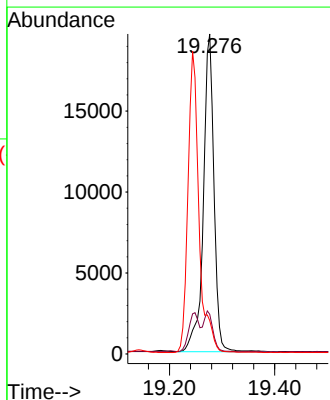
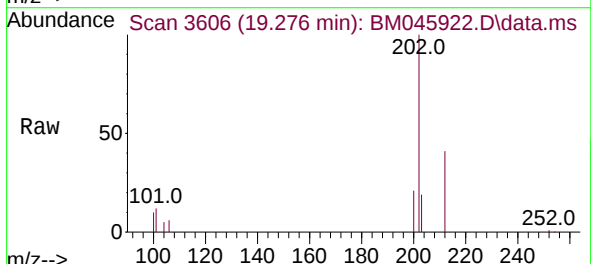
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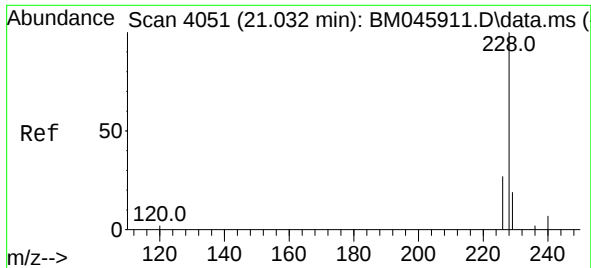
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.008 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

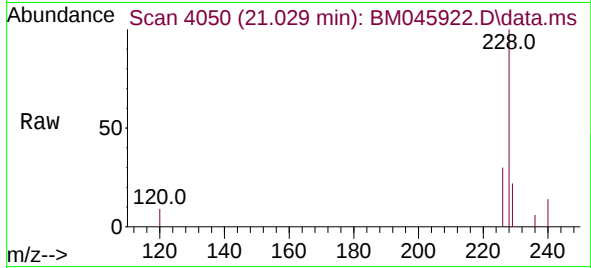
Tgt Ion:202 Resp: 27523
Ion Ratio Lower Upper
202 100
101 12.4 10.6 16.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

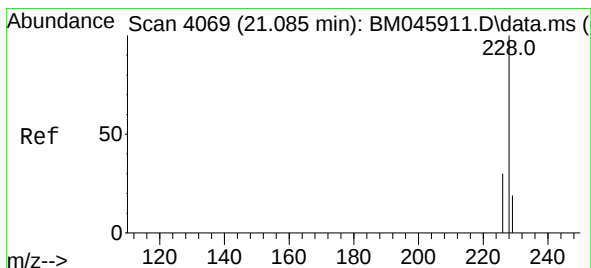
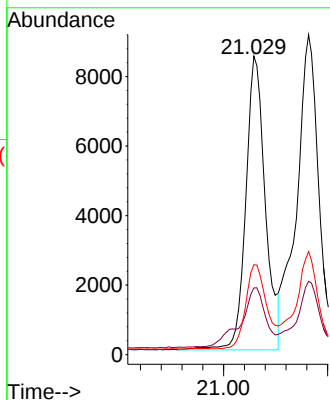
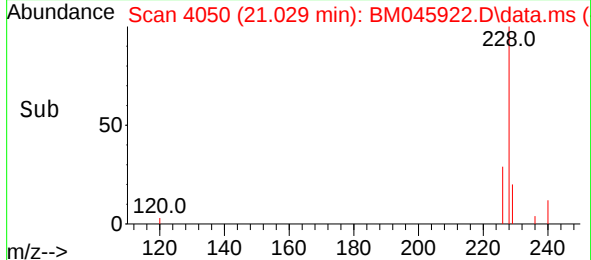
Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:228 Resp: 10993
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 30.1 22.0 33.0

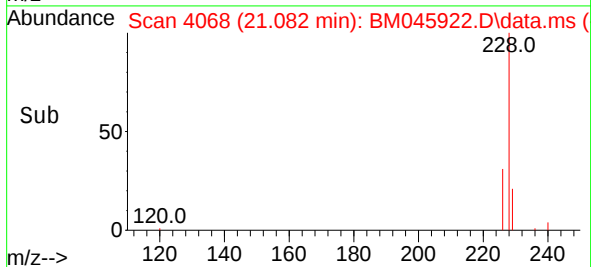
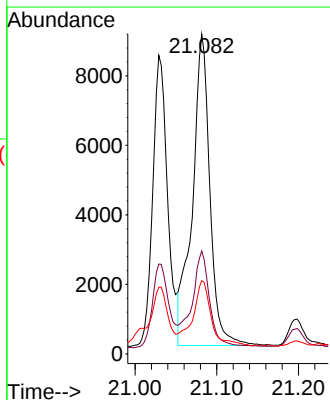
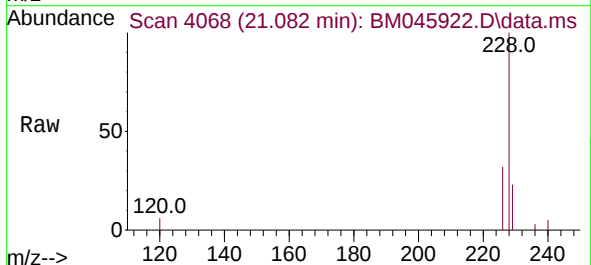
Manual Integrations
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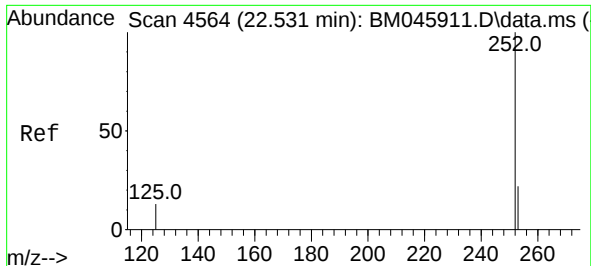
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.191 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

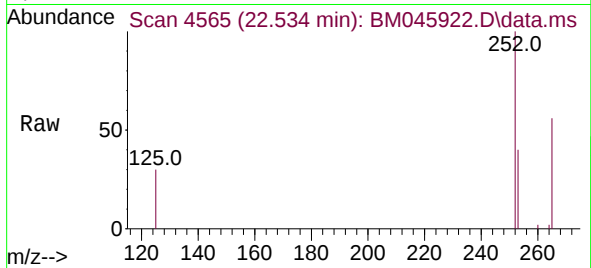
Tgt Ion:228 Resp: 13421
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 22.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul m
RT: 22.534 min Scan# 4564
Delta R.T. -0.003 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

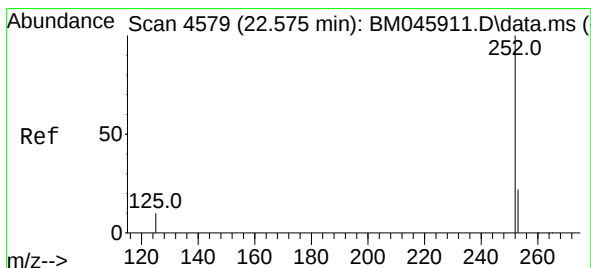
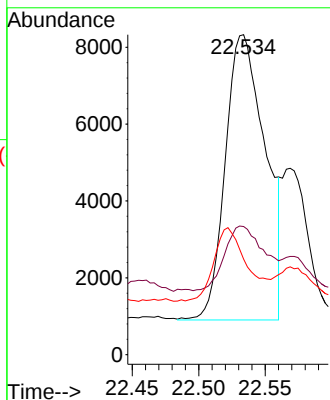
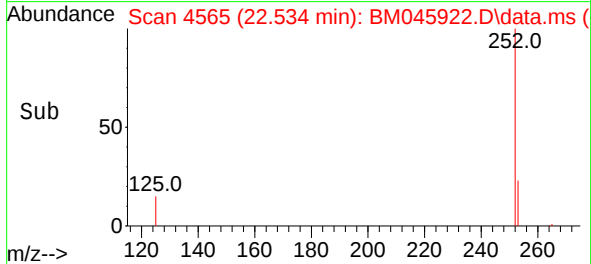
Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:252 Resp: 1554
Ion Ratio Lower Upper
252 100
253 40.1 0.0 63.6
125 29.8 0.0 35.8

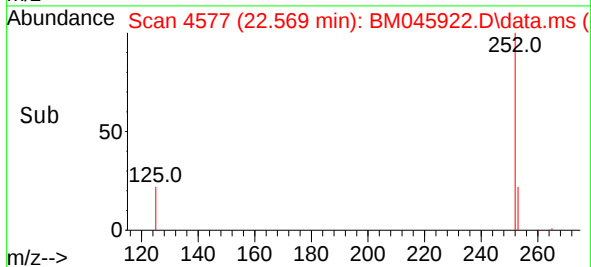
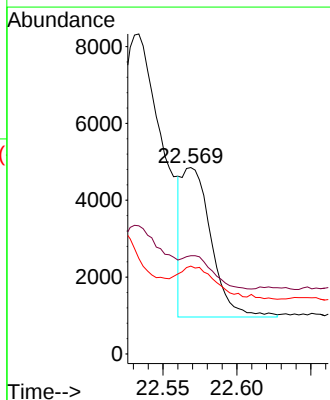
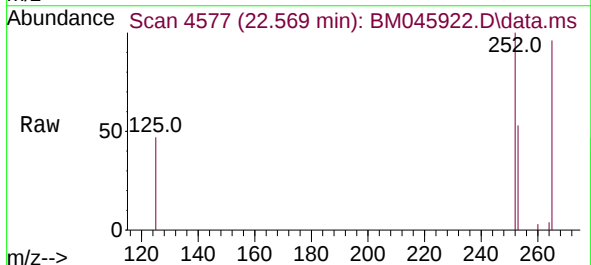
Manual Integrations
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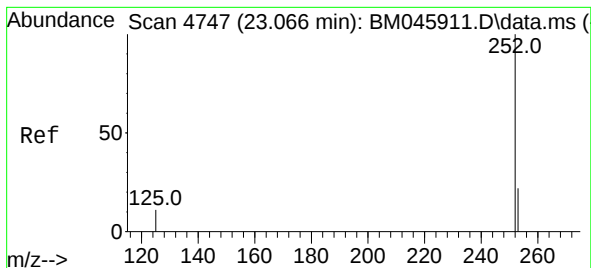
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.012 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

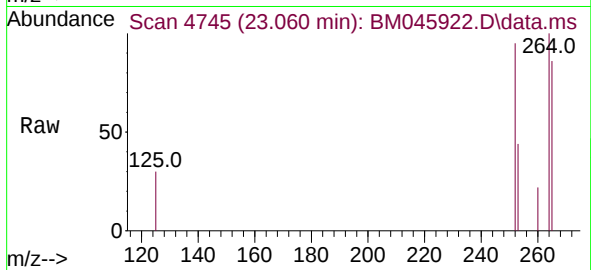
Tgt Ion:252 Resp: 5394
Ion Ratio Lower Upper
252 100
253 52.7 25.0 37.6#
125 47.1 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.060 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

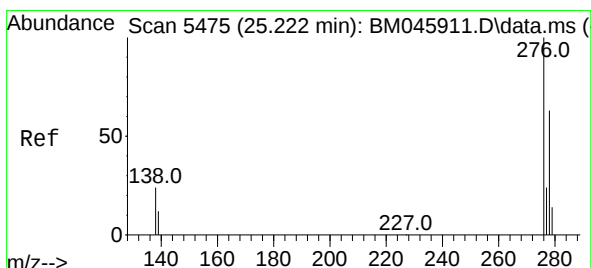
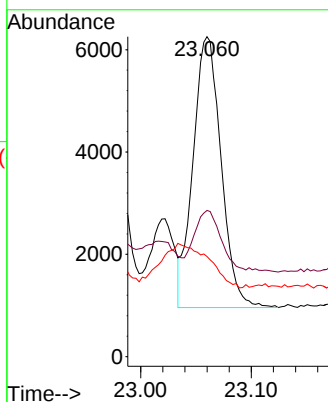
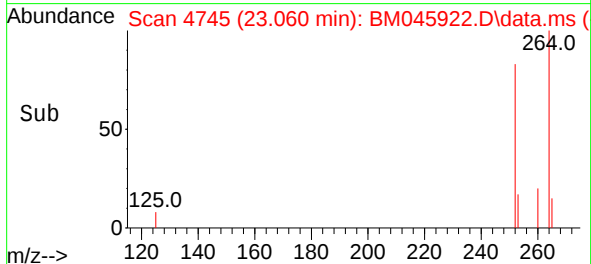
Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:252 Resp: 9329
Ion Ratio Lower Upper
252 100
253 45.7 28.8 43.2
125 31.3 17.3 25.9

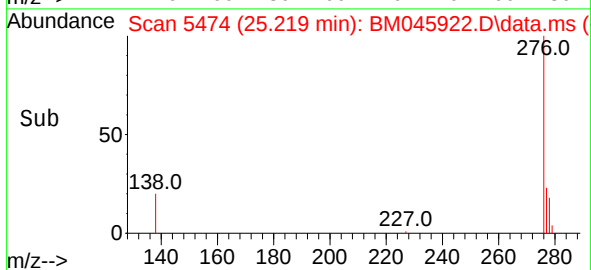
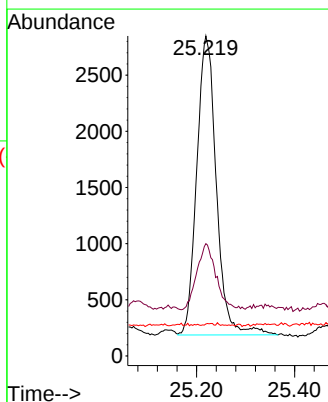
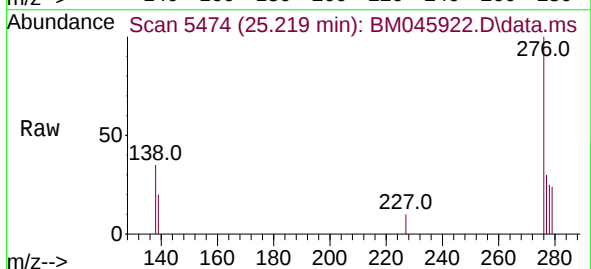
Manual Integrations
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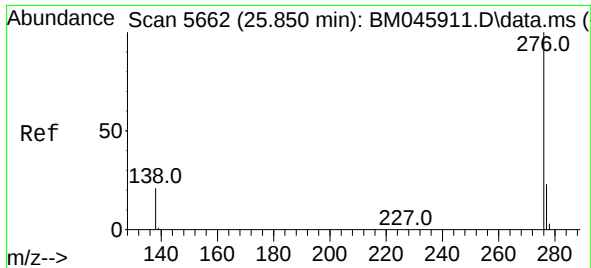
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.219 min Scan# 5474
Delta R.T. -0.013 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

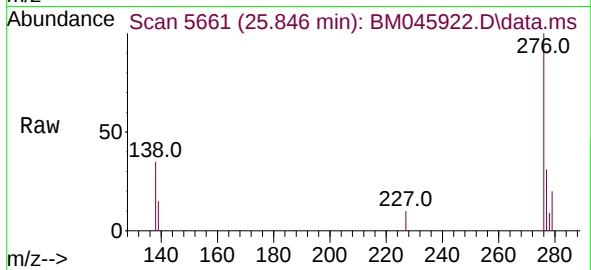
Tgt Ion:276 Resp: 7378
Ion Ratio Lower Upper
276 100
138 21.7 20.7 31.1
227 0.3 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 25.846 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM045922.D
Acq: 08 Jun 2024 18:41

Instrument :
BNA_M
ClientSampleId :
A4C22



Tgt Ion:276 Resp: 7594
Ion Ratio Lower Upper
276 100
138 34.7 21.0 31.4
277 30.7 20.5 30.7

Manual Integrations
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Supervised By :mohammad ahmed 06/13/2024

