

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
 Data File : BM045995.D
 Acq On : 12 Jun 2024 13:05
 Operator : MA/JU
 Sample : P2642-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C18

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 00:07:33 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 : Thu Jun 13 00:05:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	3135	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.211	136	11128	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	6724	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.829	188	15911m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.029	240	12817m	0.400	ng/ul	0.00
23) Perylene-d12	23.130	264	12855m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	18215	5.101	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.822	152	5198	0.325	ng/ul	-0.01
18) Fluoranthene-d10	18.863	212	14196m	0.370	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.255	128	12732	0.438	ng/ul	99
7) 2-Methylnaphthalene	11.893	142	4551	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	3939	0.195	ng/ul	98
10) Acenaphthylene	13.804	152	15909	0.520	ng/ul	99
11) Acenaphthene	14.150	153	17654	0.786	ng/ul	98
12) Fluorene	15.140	166	21191	0.844	ng/ul	99
14) Pentachlorophenol	16.516	266	237	0.080	ng/ul	98
15) Phenanthrene	16.871	178	432995m	9.693	ng/ul	
16) Anthracene	16.964	178	73567m	1.931	ng/ul	
19) Fluoranthene	18.895	202	752018m	14.714	ng/ul	
20) Pyrene	19.258	202	598500m	11.226	ng/ul	
21) Benzo(a)anthracene	21.011	228	327794m	6.967	ng/ul	
22) Chrysene	21.064	228	341503m	6.668	ng/ul	
24) Benzo(b)fluoranthene	22.510	252	411002m	9.639	ng/ul	
25) Benzo(k)fluoranthene	22.548	252	130796m	2.791	ng/ul	
26) Benzo(a)pyrene	23.039	252	196024m	4.623	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.182	276	141288m	2.577	ng/ul	
28) Dibenzo(a,h)anthracene	25.185	278	40972m	0.935	ng/ul	
29) Benzo(g,h,i)perylene	25.809	276	23668m	0.501	ng/ul	

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

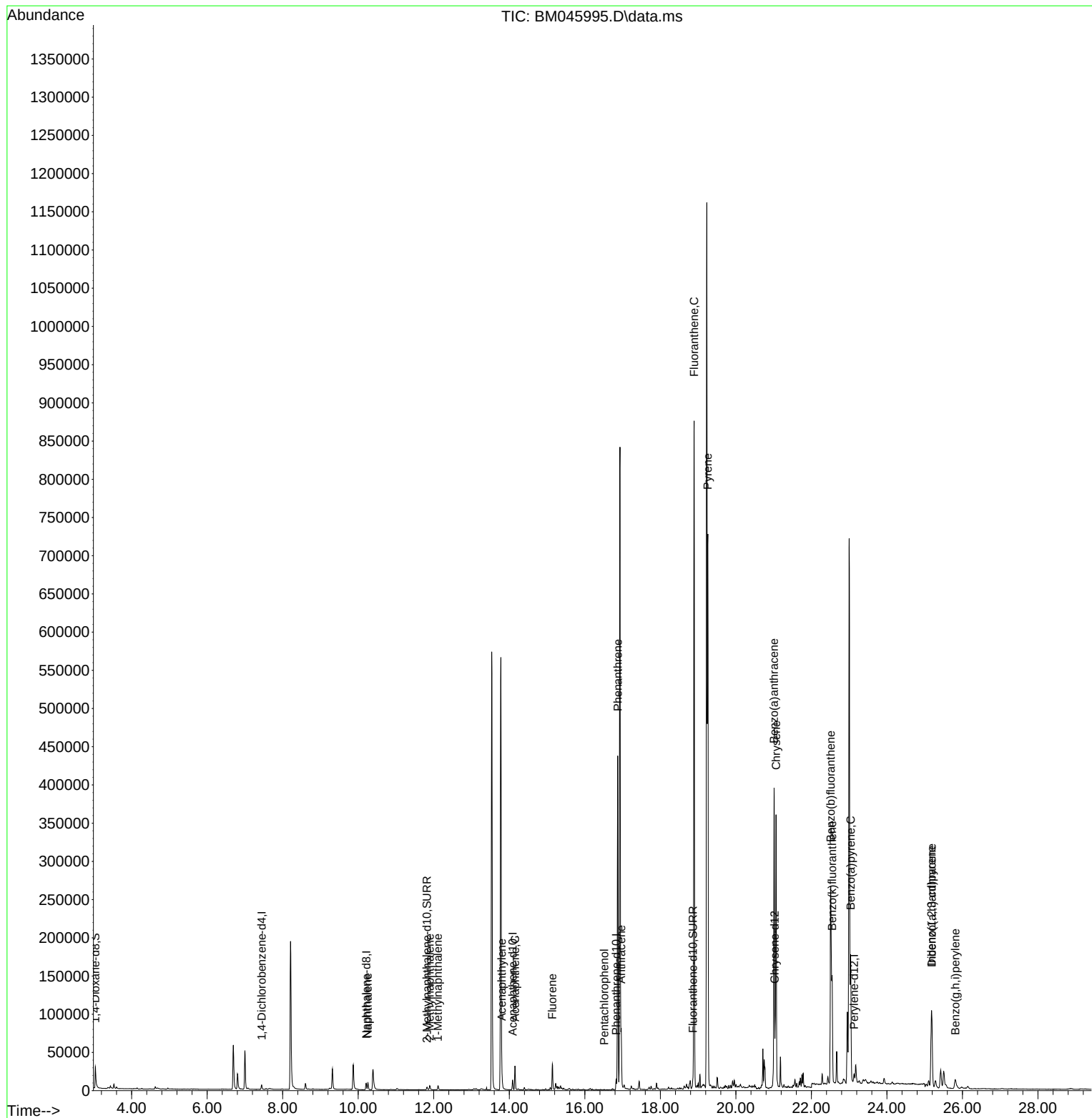
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045995.D
Acq On : 12 Jun 2024 13:05
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Sample : P2642-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

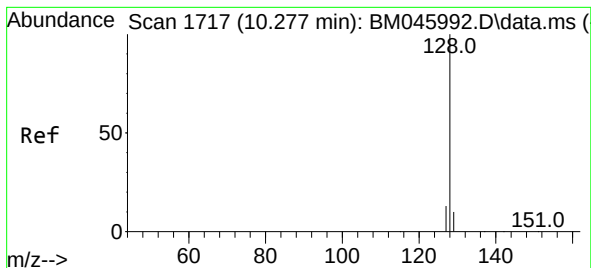
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.438 ng/ul

RT: 10.255 min Scan# 1

Delta R.T. -0.022 min

Lab File: BM045995.D

Acq: 12 Jun 2024 13:05

Instrument :

BNA_M

ClientSampleId :

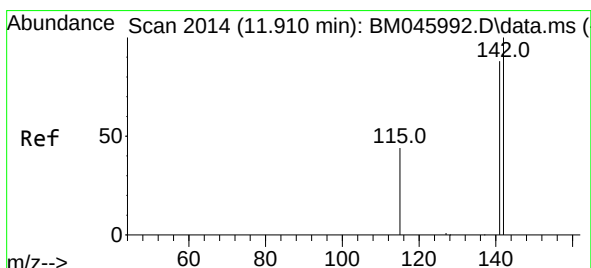
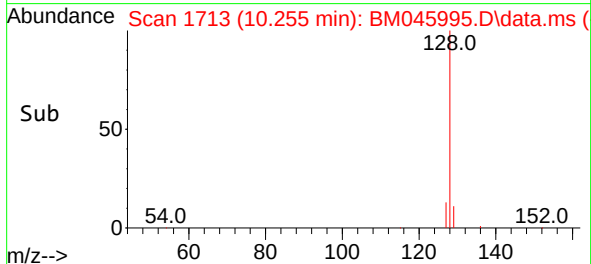
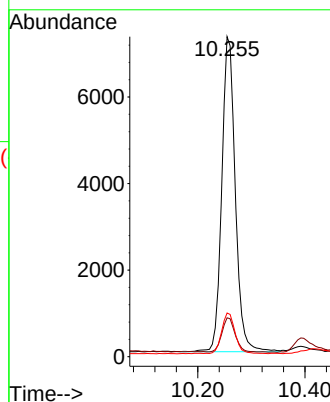
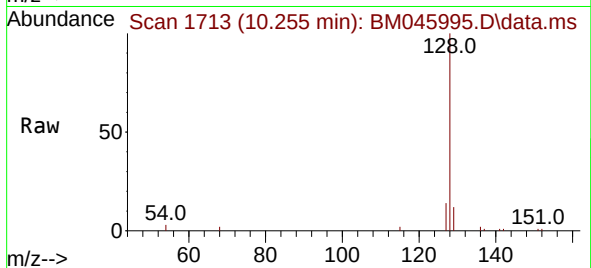
A4C18

Tgt Ion:128	Resp:	1273
Ion Ratio	Lower	Upper
128	100	
129	12.2	9.4 14.0
127	13.7	10.6 15.8

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.245 ng/ul

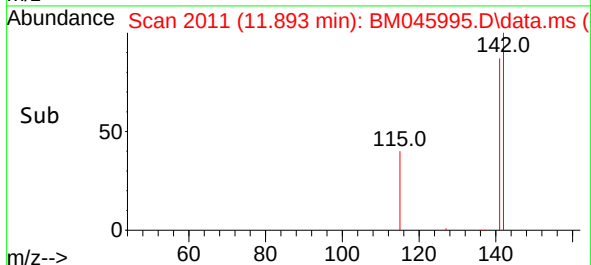
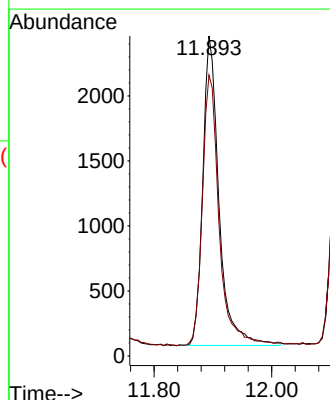
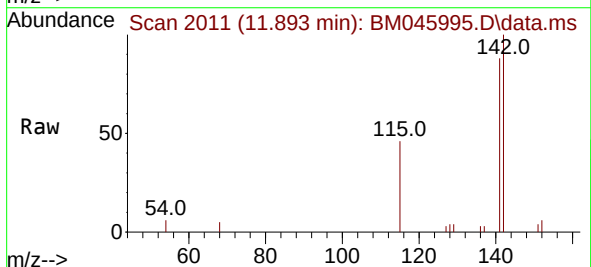
RT: 11.893 min Scan# 2011

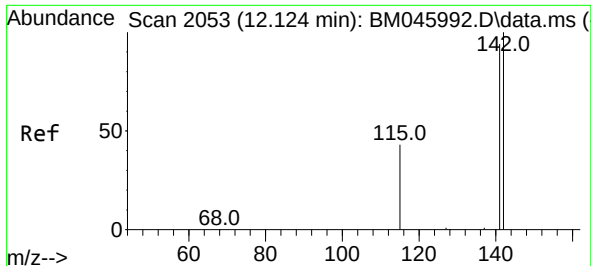
Delta R.T. -0.016 min

Lab File: BM045995.D

Acq: 12 Jun 2024 13:05

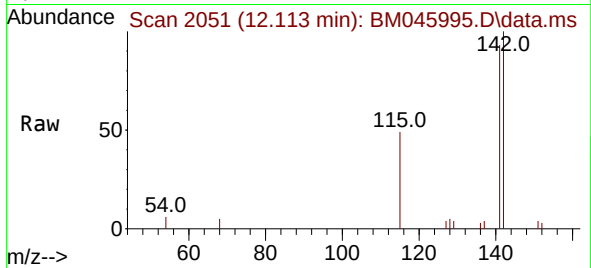
Tgt Ion:142	Resp:	4551
Ion Ratio	Lower	Upper
142	100	
141	91.6	72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.011 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

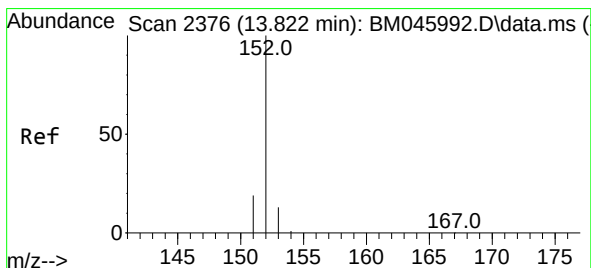
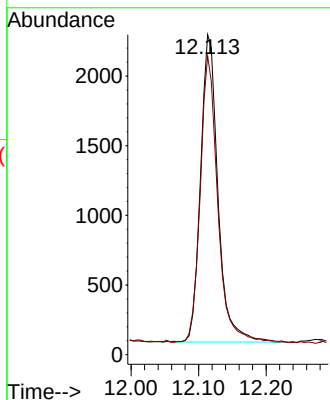
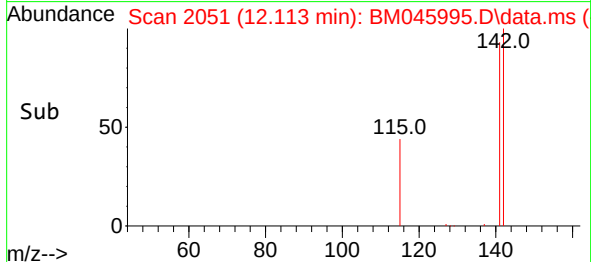
Instrument :
BNA_M
ClientSampleId :
A4C18



Tgt Ion:142 Resp: 3939
Ion Ratio Lower Upper
142 100
141 93.8 73.5 110.3

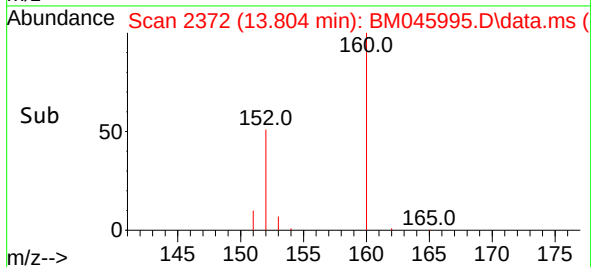
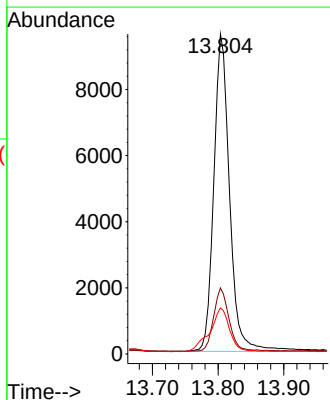
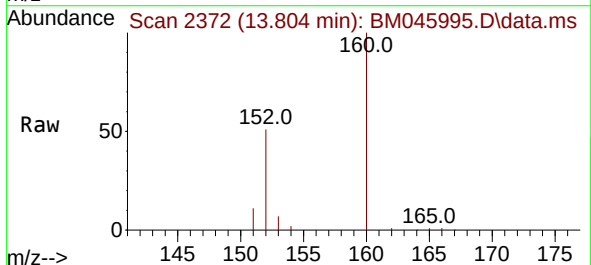
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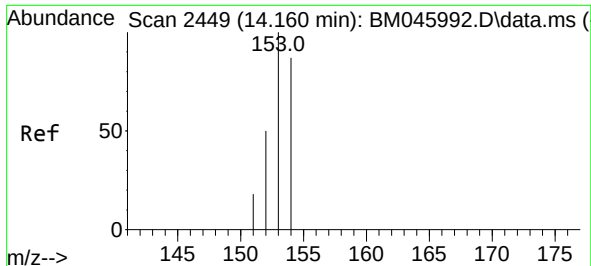
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#10
Acenaphthylene
Concen: 0.520 ng/ul
RT: 13.804 min Scan# 2372
Delta R.T. -0.018 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

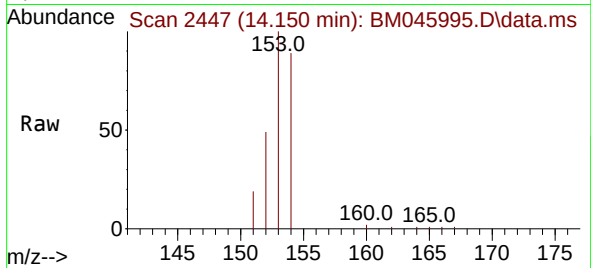
Tgt Ion:152 Resp: 15909
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.4 11.1 16.7





#11
Acenaphthene
Concen: 0.786 ng/ul
RT: 14.150 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

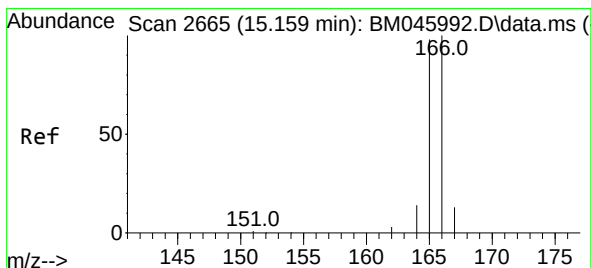
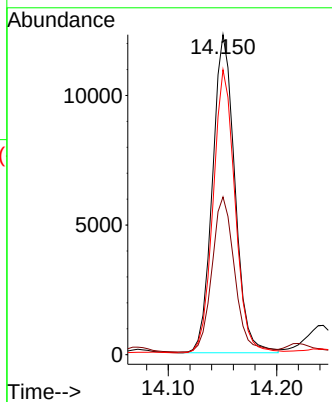
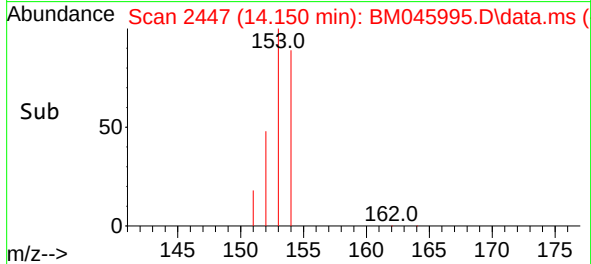
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 17654
Ion Ratio Lower Upper
153 100
152 49.3 39.0 58.4
154 89.0 69.4 104.2

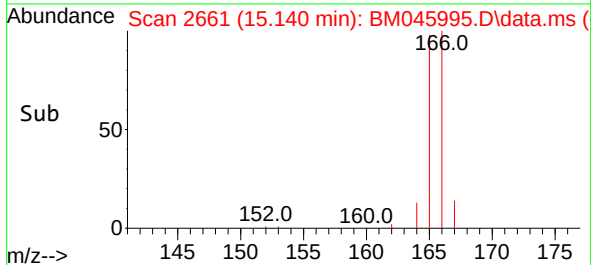
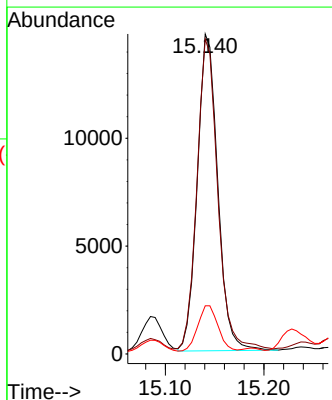
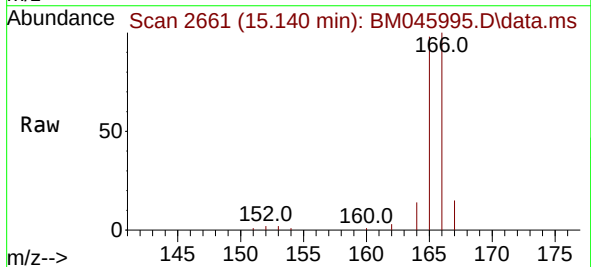
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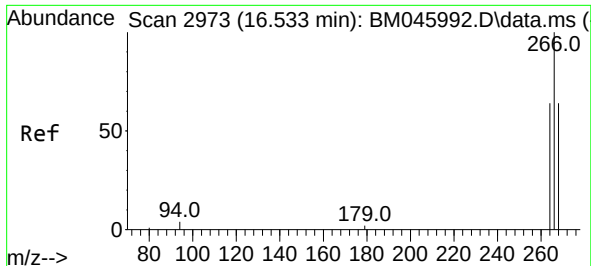
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#12
Fluorene
Concen: 0.844 ng/ul
RT: 15.140 min Scan# 2661
Delta R.T. -0.018 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

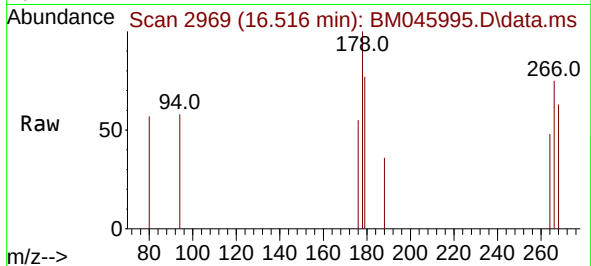
Tgt Ion:166 Resp: 21191
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 15.0 11.3 16.9





#14
Pentachlorophenol
Concen: 0.080 ng/ul
RT: 16.516 min Scan# 2973
Delta R.T. -0.017 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

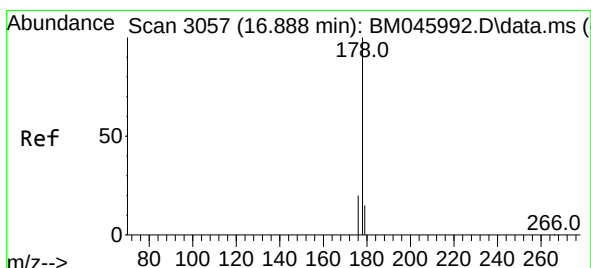
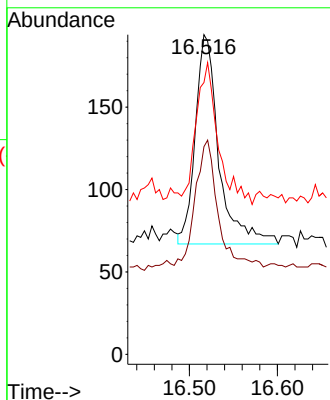
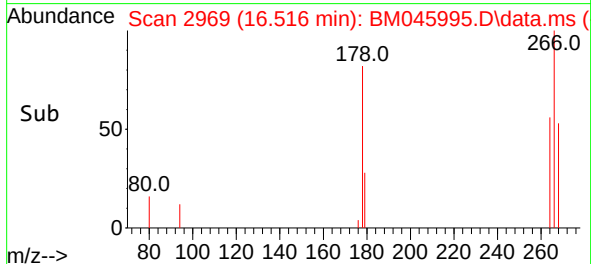
Instrument :
BNA_M
ClientSampleId :
A4C18



Tgt Ion:266 Resp: 231
Ion Ratio Lower Upper
266 100
264 57.4 47.9 71.9
268 62.9 50.9 76.3

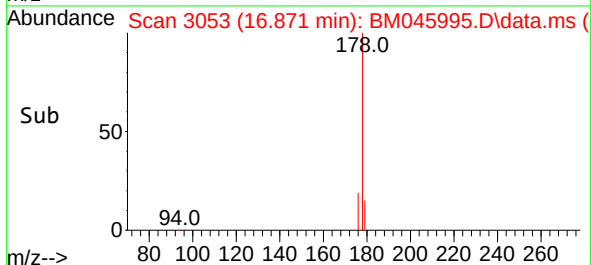
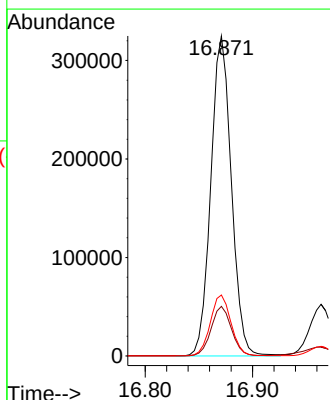
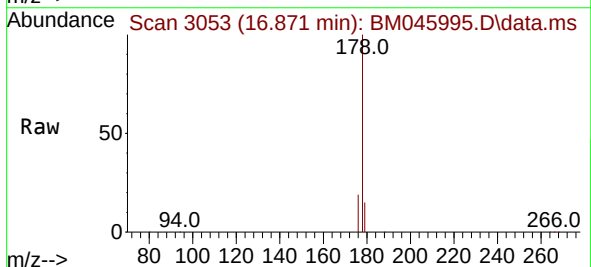
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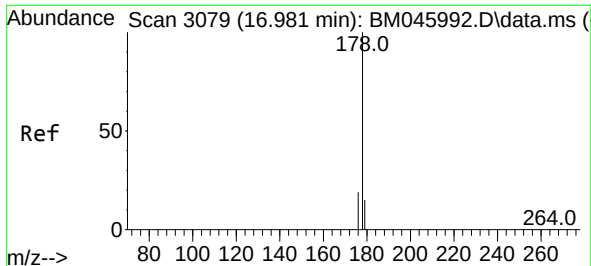
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#15
Phenanthrene
Concen: 9.693 ng/ul m
RT: 16.871 min Scan# 3053
Delta R.T. -0.017 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

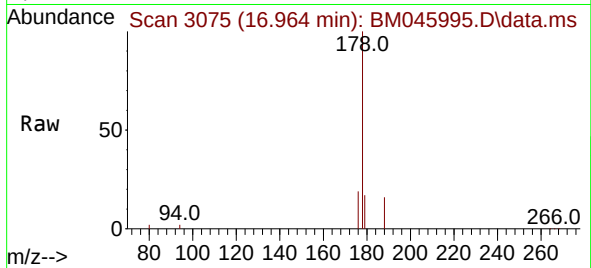
Tgt Ion:178 Resp: 432995
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 1.931 ng/ul m
 RT: 16.964 min Scan# 3075
 Delta R.T. -0.017 min
 Lab File: BM045995.D
 Acq: 12 Jun 2024 13:05

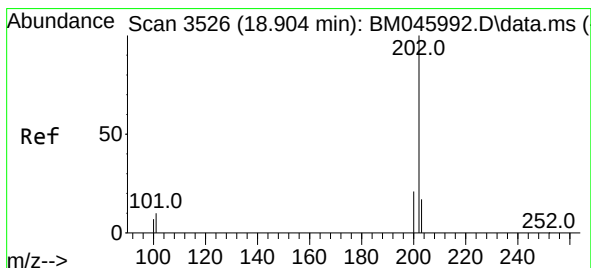
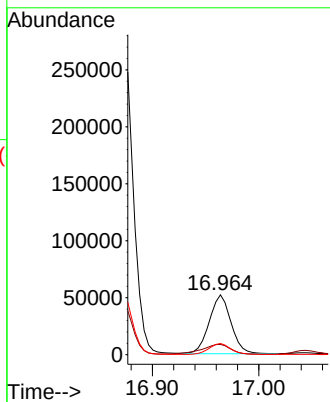
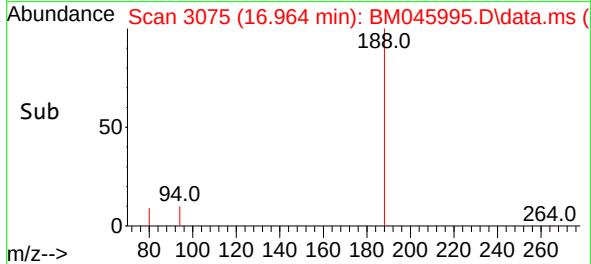
Instrument :
 BNA_M
 ClientSampleId :
 A4C18



Tgt Ion:178 Resp: 7356
 Ion Ratio Lower Upper
 178 100
 179 17.2 13.1 19.7
 176 18.7 15.5 23.3

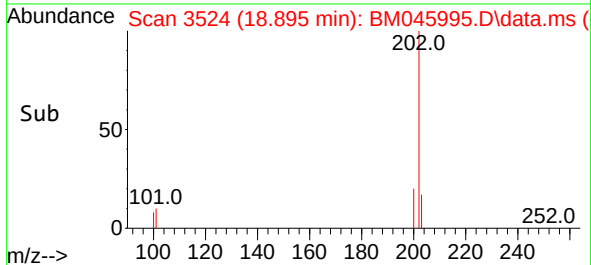
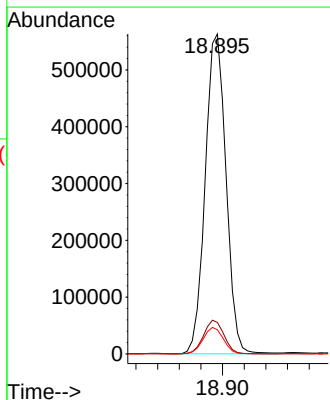
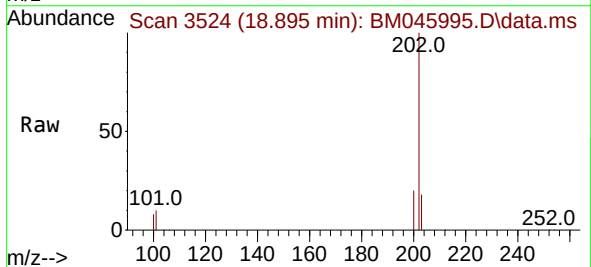
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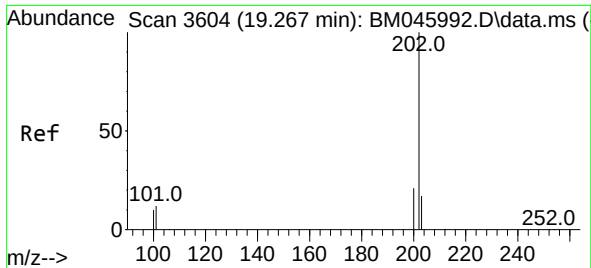
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



#19
 Fluoranthene
 Concen: 14.714 ng/ul m
 RT: 18.895 min Scan# 3524
 Delta R.T. -0.009 min
 Lab File: BM045995.D
 Acq: 12 Jun 2024 13:05

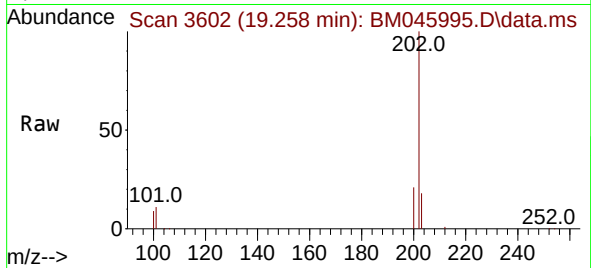
Tgt Ion:202 Resp: 752018
 Ion Ratio Lower Upper
 202 100
 101 9.8 9.0 13.6
 100 7.6 7.0 10.6





#20
Pyrene
Concen: 11.226 ng/ul m
RT: 19.258 min Scan# 3602
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

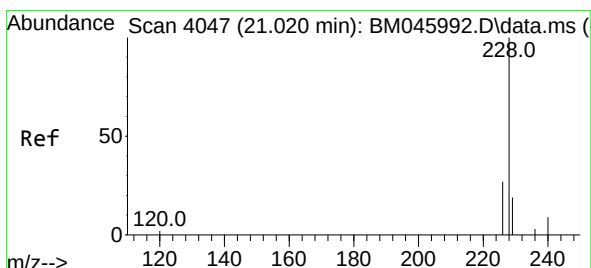
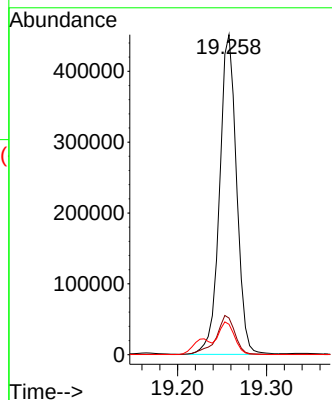
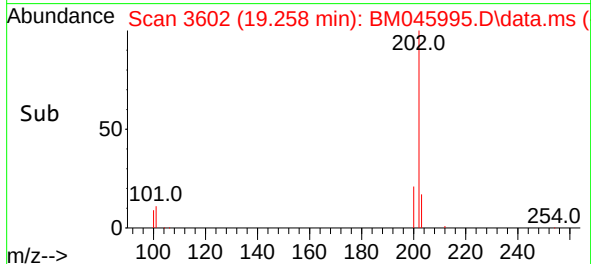
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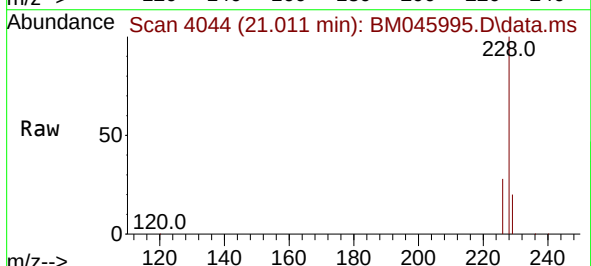
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Ion Ratio Lower Upper
202 100
101 11.5 10.6 16.0
100 9.5 9.1 13.7

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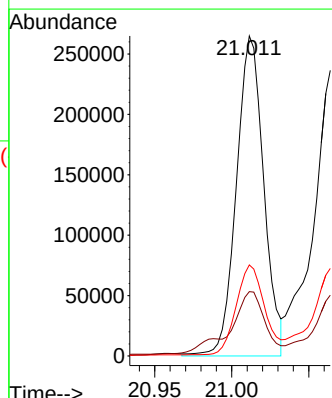
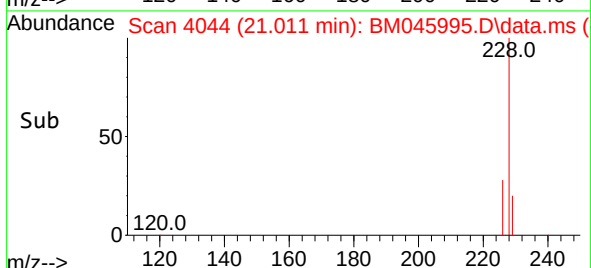
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

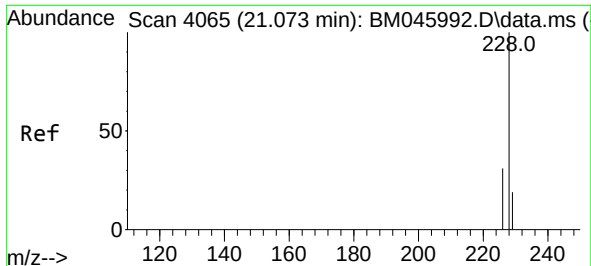


#21
Benzo(a)anthracene
Concen: 6.967 ng/ul m
RT: 21.011 min Scan# 4044
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05



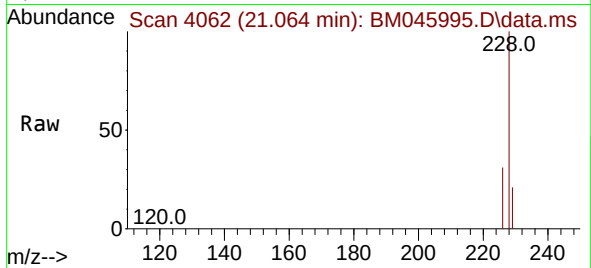
Tgt Ion:228 Resp: 327794
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.4 22.0 33.0





#22
Chrysene
Concen: 6.668 ng/ul m
RT: 21.064 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

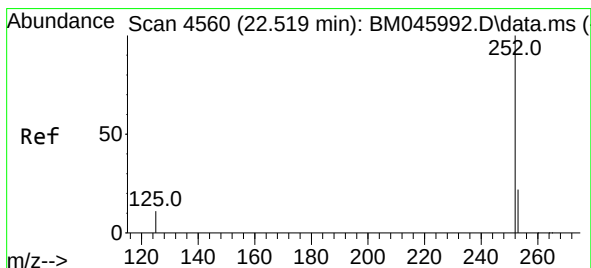
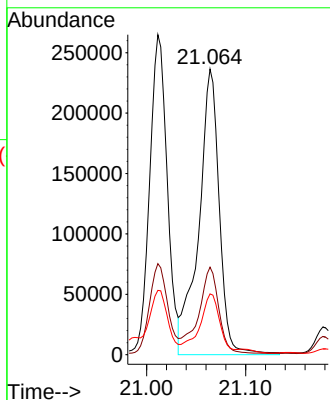
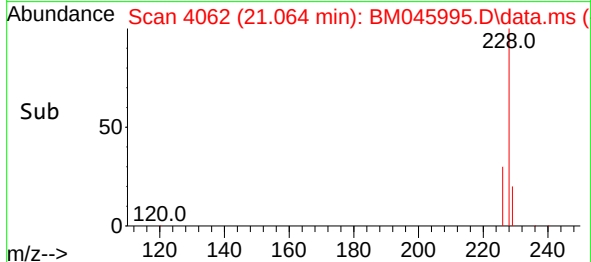
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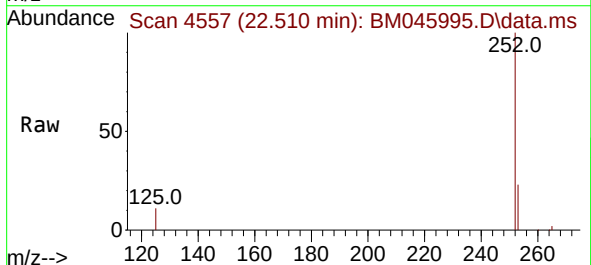
Tgt Ion:228 Resp: 341500
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.3 16.2 24.2

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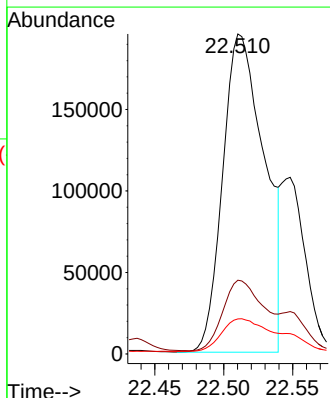
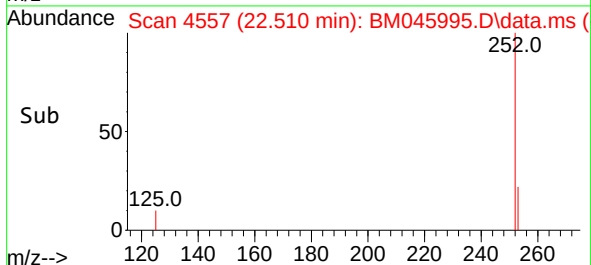
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

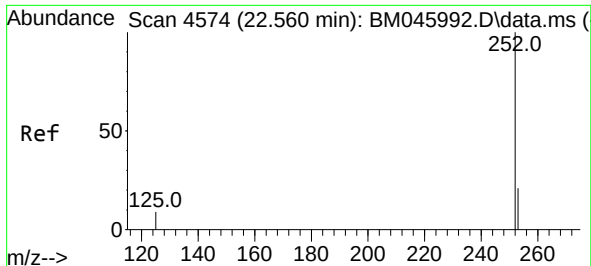


#24
Benzo(b)fluoranthene
Concen: 9.639 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05



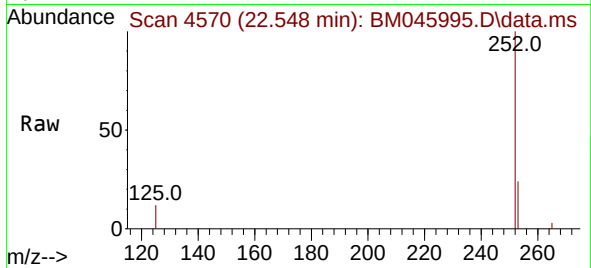
Tgt Ion:252 Resp: 411002
Ion Ratio Lower Upper
252 100
253 23.0 0.0 63.6
125 10.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 2.791 ng/ul m
RT: 22.548 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

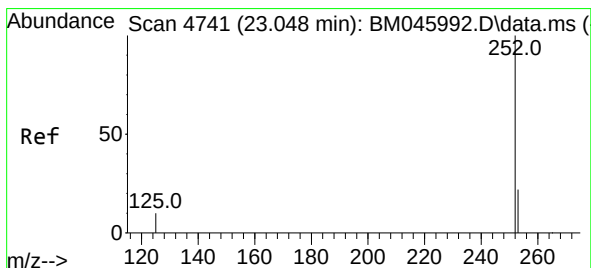
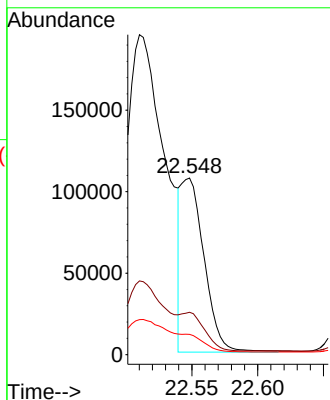
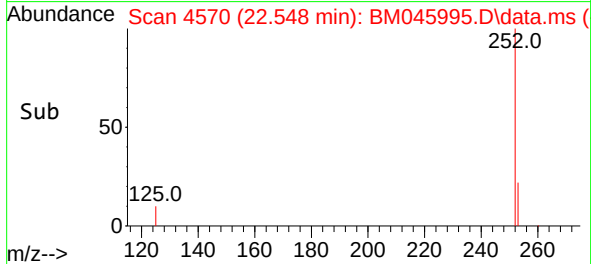
Instrument :
BNA_M
ClientSampleId :
A4C18



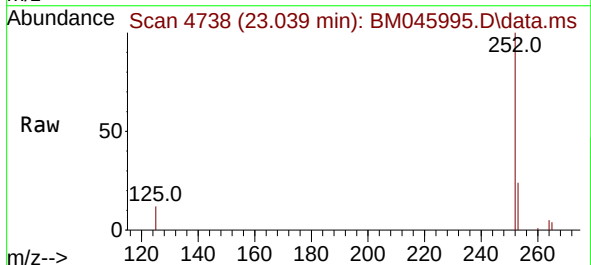
Tgt Ion:252 Resp: 130790
Ion Ratio Lower Upper
252 100
253 24.0 25.0 37.6
125 11.5 14.2 21.2

Manual Integrations
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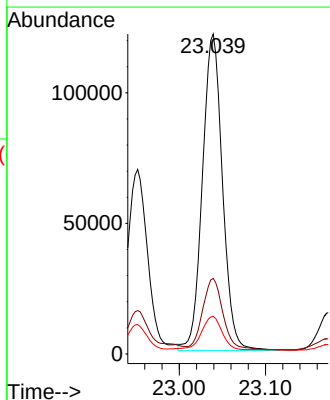
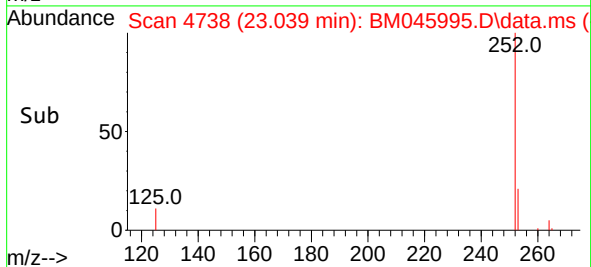
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

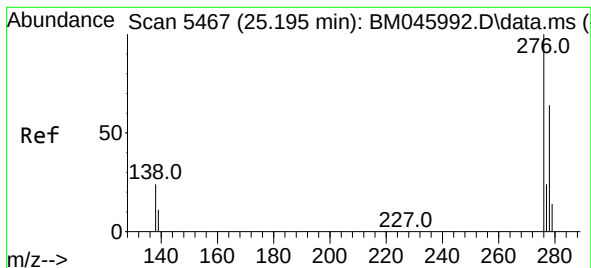


#26
Benzo(a)pyrene
Concen: 4.623 ng/ul m
RT: 23.039 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05



Tgt Ion:252 Resp: 196024
Ion Ratio Lower Upper
252 100
253 23.6 28.8 43.2#
125 11.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.577 ng/ul m

RT: 25.182 min Scan# 54

Delta R.T. -0.013 min

Lab File: BM045995.D

Acq: 12 Jun 2024 13:05

Instrument :

BNA_M

ClientSampleId :

A4C18

Tgt Ion:276 Resp: 14128

Ion Ratio Lower Upper

276 100

138 3.0 20.7 31.1

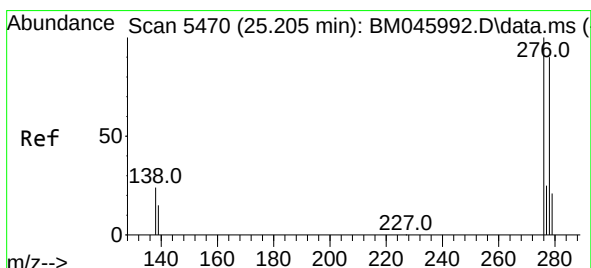
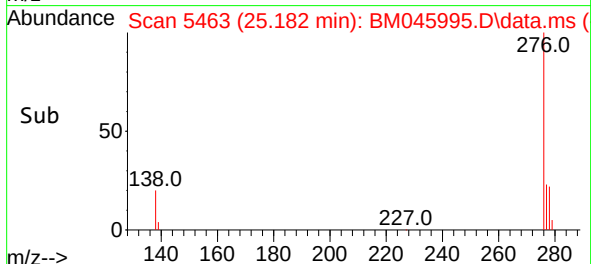
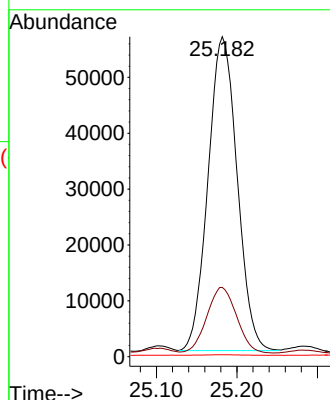
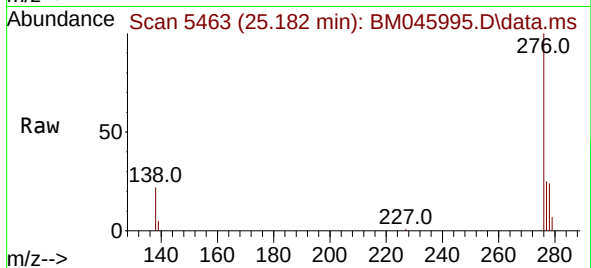
227 0.0 0.2 0.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/15/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.935 ng/ul m

RT: 25.185 min Scan# 5464

Delta R.T. -0.020 min

Lab File: BM045995.D

Acq: 12 Jun 2024 13:05

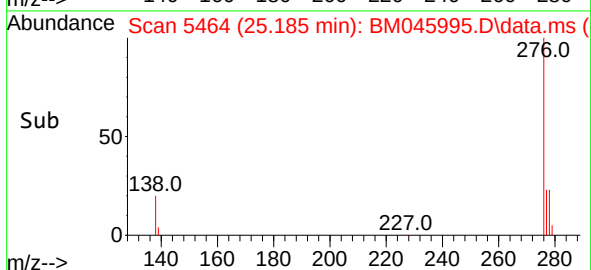
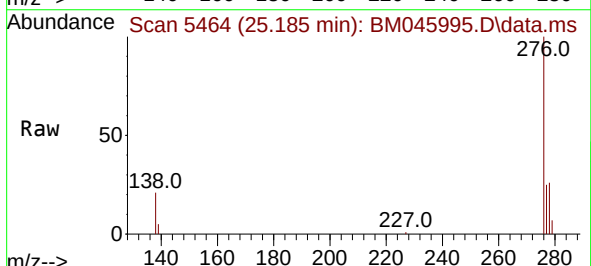
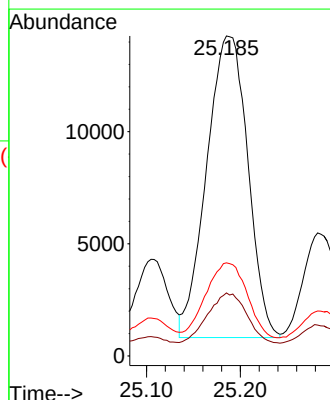
Tgt Ion:278 Resp: 40972

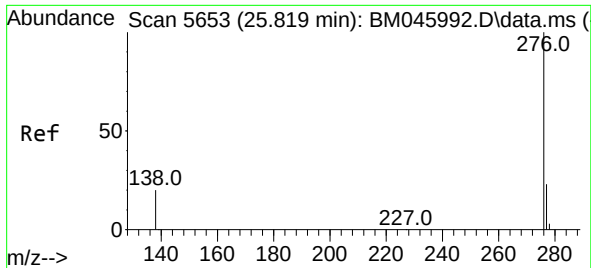
Ion Ratio Lower Upper

278 100

139 19.7 16.6 25.0

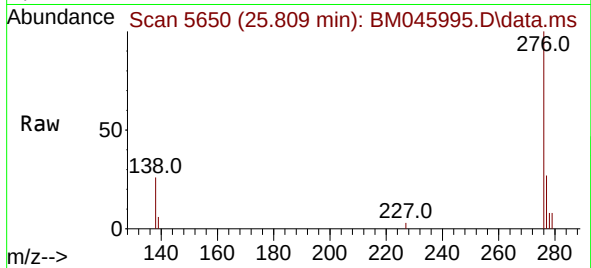
279 29.1 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 0.501 ng/ul m
RT: 25.809 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM045995.D
Acq: 12 Jun 2024 13:05

Instrument :
BNA_M
ClientSampleId :
A4C18



Tgt Ion:276 Resp: 2366
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
277 27.3 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

