

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045902.D
 Acq On : 08 Jun 2024 04:26
 Operator : MA/JU
 Sample : P2586-05DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 04:57:34 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	7.468	152	6506	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.244	136	21570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	11960	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	25298	0.400	ng/ul	-0.01
17) Chrysene-d12	21.046	240	19925	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	22673m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	7090	0.957	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	1963	0.063	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	4521	0.076	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	10826	0.192	ng/ul	98
7) 2-Methylnaphthalene	11.915	142	3958	0.110	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	3154	0.081	ng/ul	99
10) Acenaphthylene	13.831	152	20945	0.385	ng/ul	99
11) Acenaphthene	14.174	153	6199	0.155	ng/ul	99
12) Fluorene	15.168	166	8628	0.193	ng/ul	97
14) Pentachlorophenol	16.538	266	140	0.030	ng/ul#	90
15) Phenanthrene	16.892	178	189194	2.664	ng/ul	99
16) Anthracene	16.985	178	33604	0.555	ng/ul	98
19) Fluoranthene	18.914	202	403793	5.082	ng/ul	98
20) Pyrene	19.276	202	329224	3.972	ng/ul	98
21) Benzo(a)anthracene	21.029	228	182140	2.490	ng/ul	97
22) Chrysene	21.079	228	205137	2.576	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	269337m	3.582	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	94656m	1.145	ng/ul	
26) Benzo(a)pyrene	23.060	252	117797	1.575	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.219	276	106377	1.100	ng/ul	92
28) Dibenzo(a,h)anthracene	25.222	278	32256	0.417	ng/ul	95
29) Benzo(g,h,i)perylene	25.849	276	17557	0.211	ng/ul#	90

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

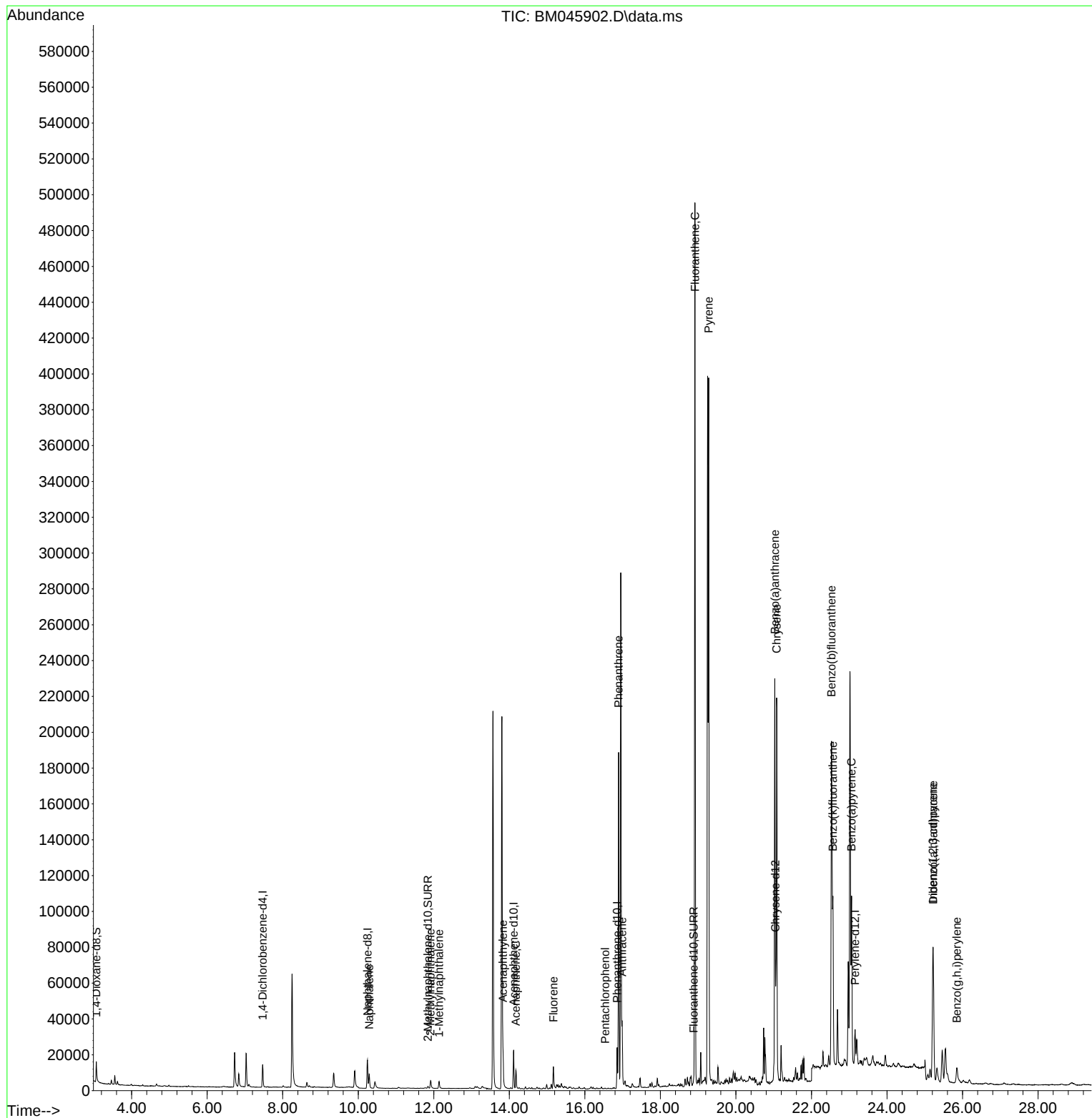
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045902.D
Acq On : 08 Jun 2024 04:26
Operator : MA/JU
Sample : P2586-05DL 5X
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ALS Vial : 30 Sample Multiplier: 1

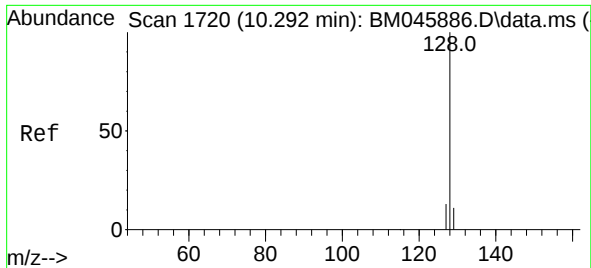
Instrument :
BNA_M
ClientSampleId :
A4D18DL

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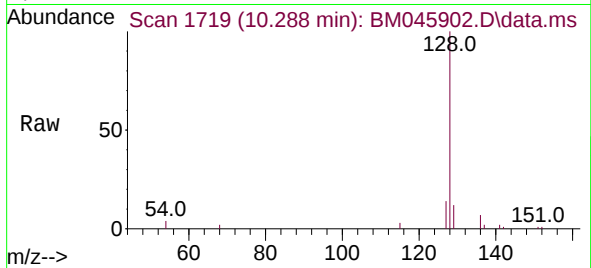
Quant Time: Jun 08 04:57:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

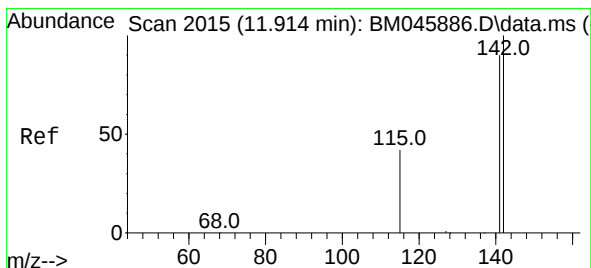
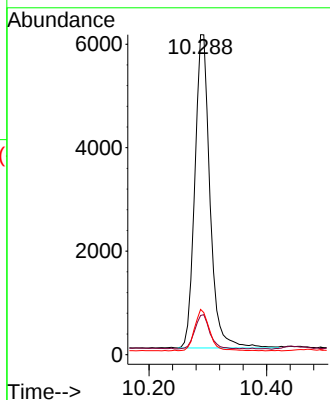
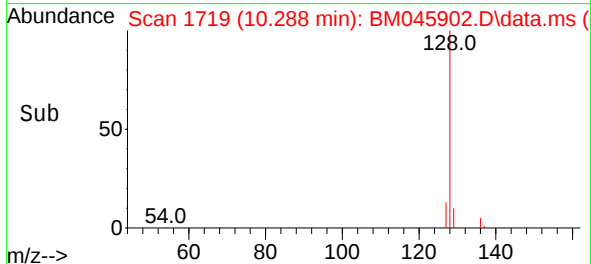
Instrument :
BNA_M
ClientSampleId :
A4D18DL



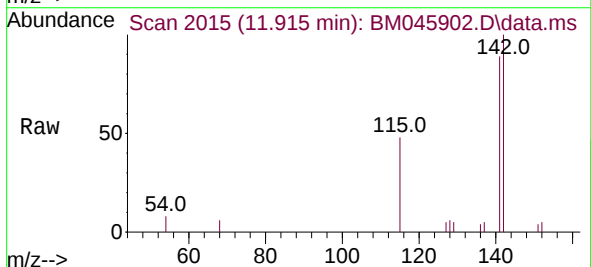
Tgt Ion:128 Resp: 10820
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 14.1 10.6 15.8

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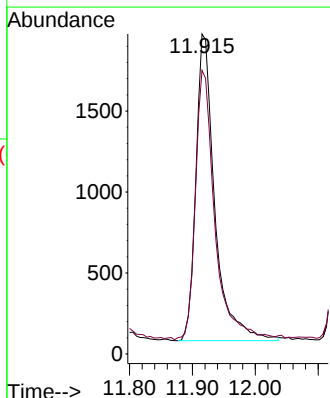
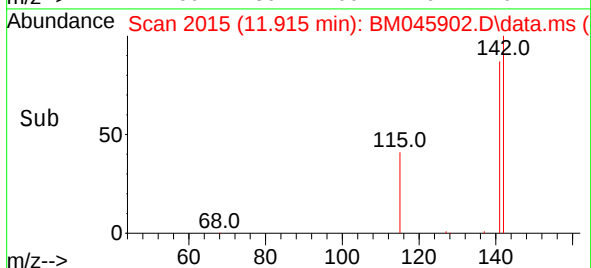
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

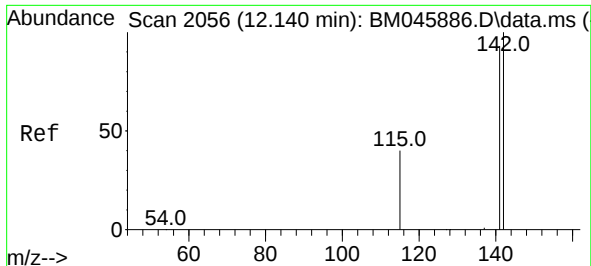


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26



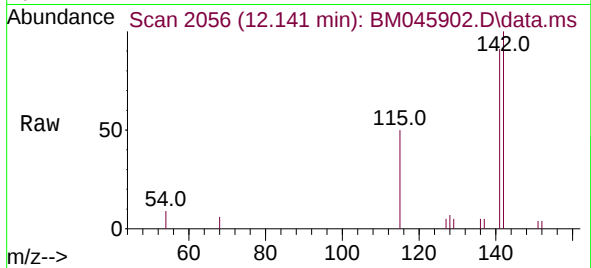
Tgt Ion:142 Resp: 3958
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

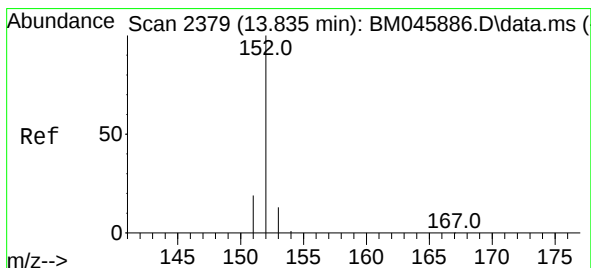
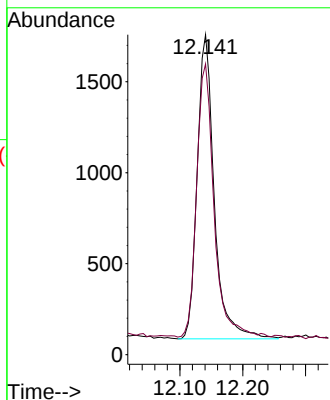
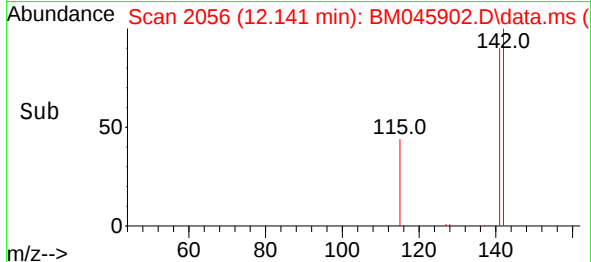
Instrument :
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Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3

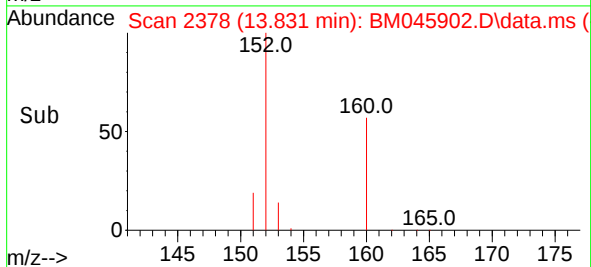
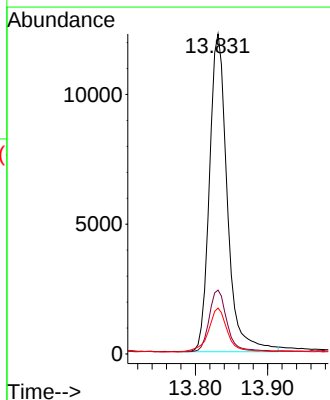
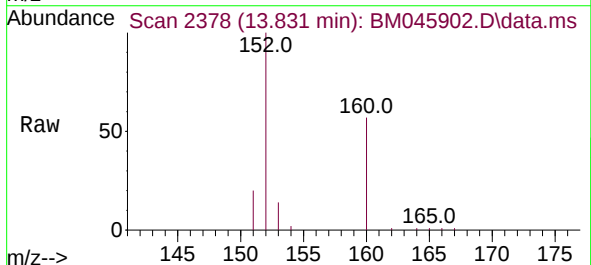
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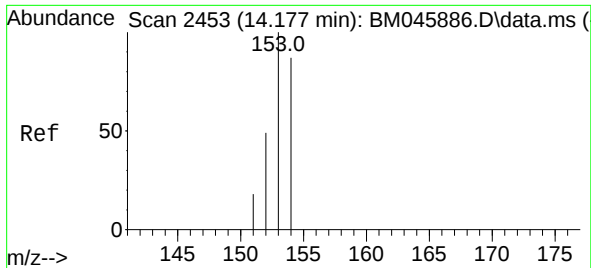
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.008 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

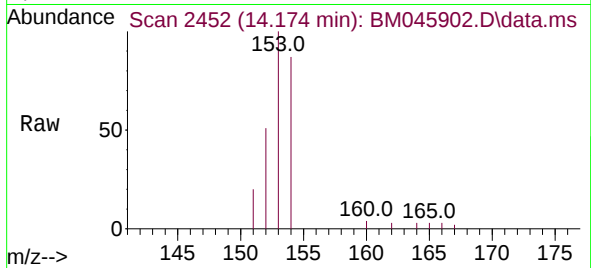
Tgt Ion:152 Resp: 20945
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 14.3 11.1 16.7





#11
Acenaphthene
Concen: 0.155 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

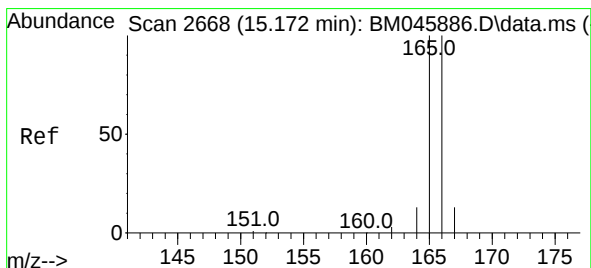
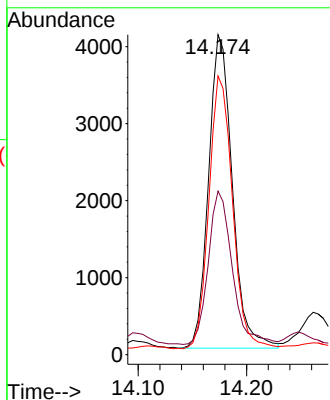
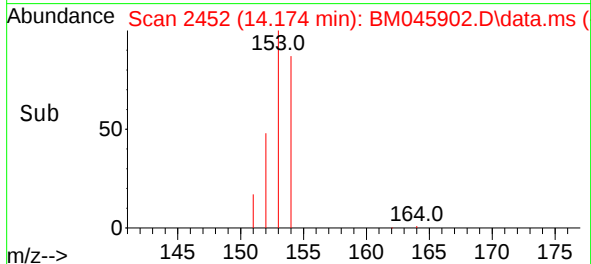
Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:153 Resp: 6199
Ion Ratio Lower Upper
153 100
152 51.1 39.0 58.4
154 87.1 69.4 104.2

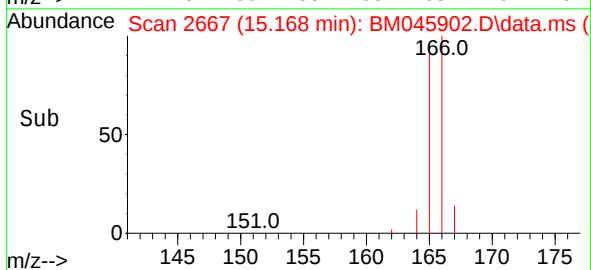
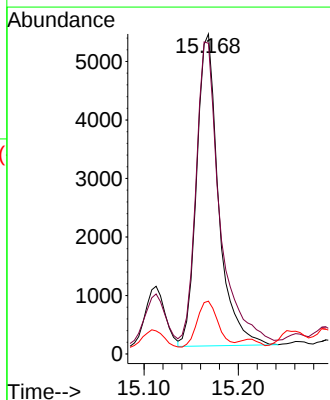
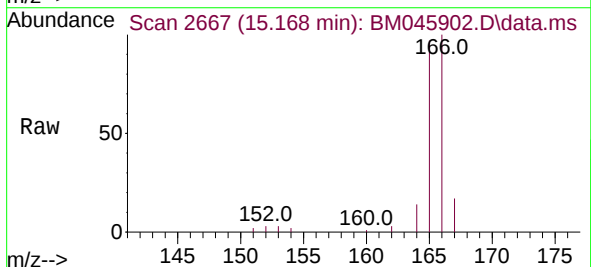
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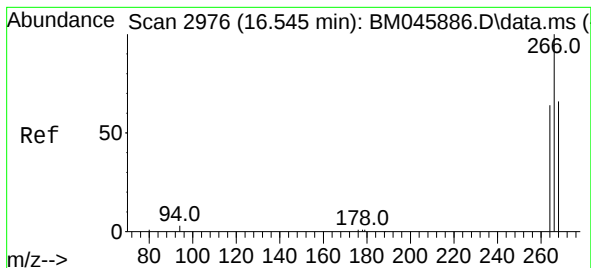
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

Tgt Ion:166 Resp: 8628
Ion Ratio Lower Upper
166 100
165 97.1 79.7 119.5
167 16.5 11.3 16.9





#14

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.538 min Scan# 20

Delta R.T. -0.016 min

Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

Instrument :

BNA_M

ClientSampleId :

A4D18DL

Tgt Ion:266 Resp: 140

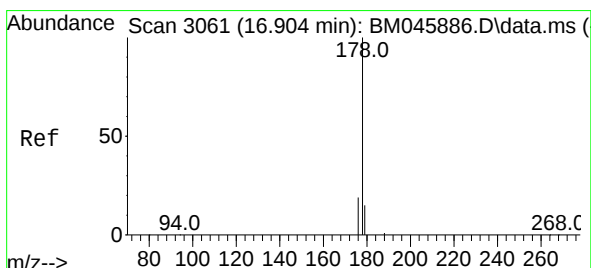
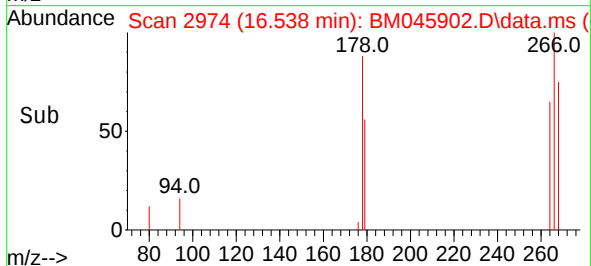
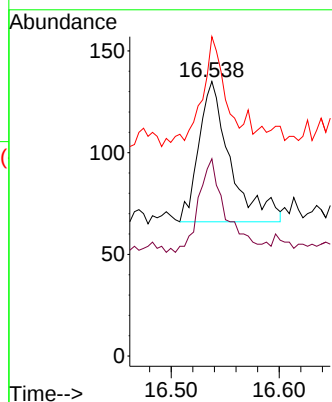
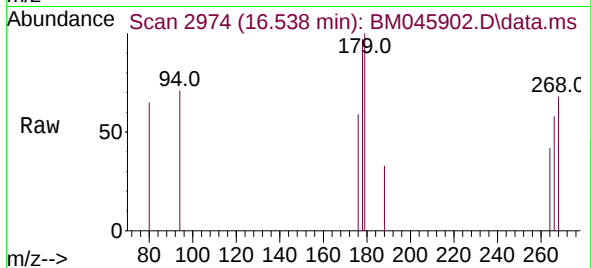
Ion	Ratio	Lower	Upper
266	100		
264	57.1	47.9	71.9
268	76.4	50.9	76.3

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Supervised By :mohammad ahmed 06/13/2024



#15

Phenanthrene

Concen: 2.664 ng/ul

RT: 16.892 min Scan# 3058

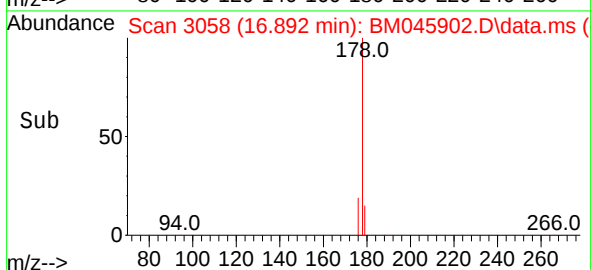
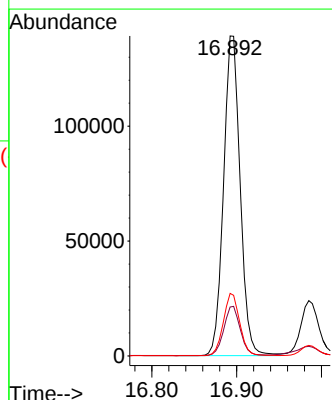
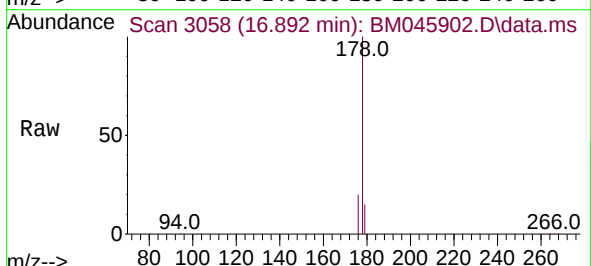
Delta R.T. -0.011 min

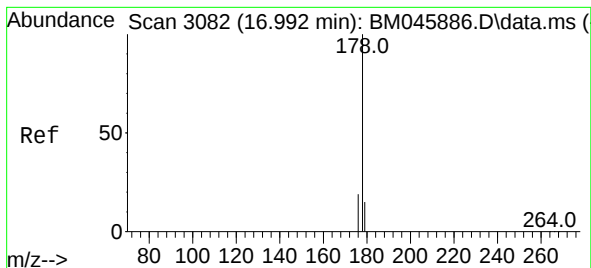
Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

Tgt Ion:178 Resp: 189194

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.5	15.6	23.4





#16

Anthracene

Concen: 0.555 ng/ul

RT: 16.985 min Scan# 3082

Delta R.T. -0.011 min

Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

Instrument :

BNA_M

ClientSampleId :

A4D18DL

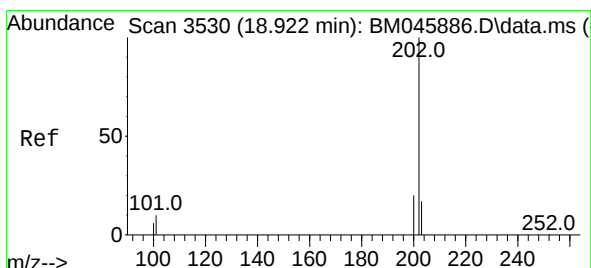
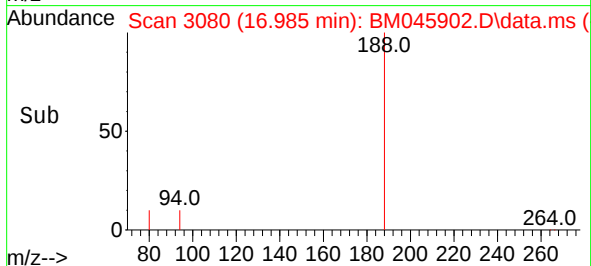
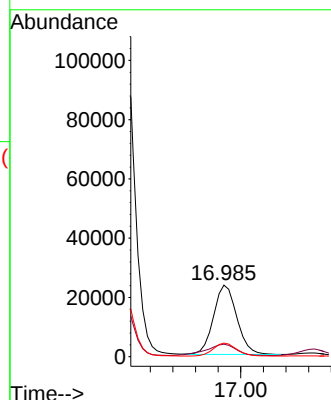
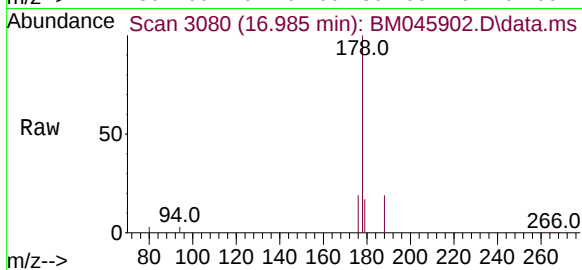
Tgt Ion:178	Resp:	33604
Ion Ratio	Lower	Upper
178	100	
179	17.4	13.1 19.7
176	19.0	15.5 23.3

Manual Integrations

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#19

Fluoranthene

Concen: 5.082 ng/ul

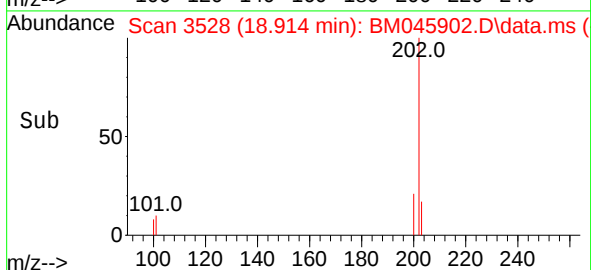
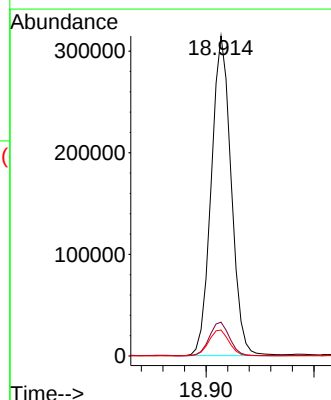
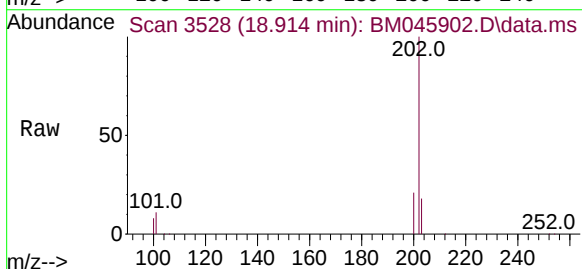
RT: 18.914 min Scan# 3528

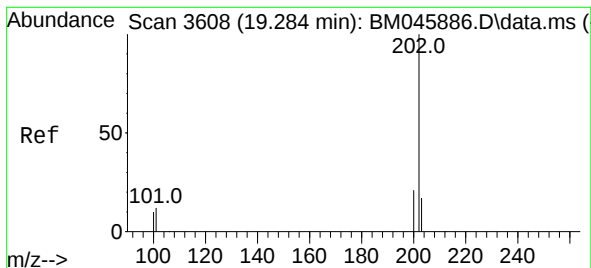
Delta R.T. -0.008 min

Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

Tgt Ion:202	Resp:	403793
Ion Ratio	Lower	Upper
202	100	
101	10.5	9.0 13.6
100	8.1	7.0 10.6





#20

Pyrene

Concen: 3.972 ng/ul

RT: 19.276 min Scan# 3

Delta R.T. -0.008 min

Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

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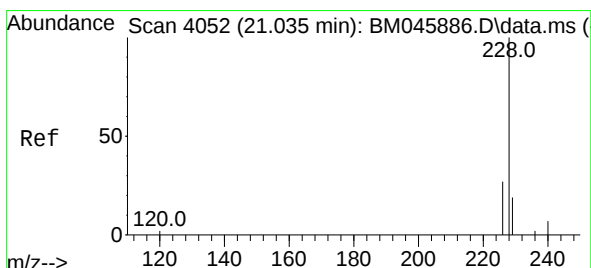
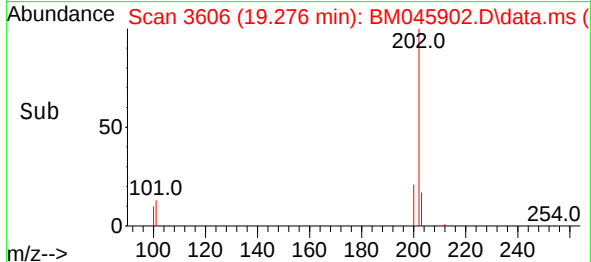
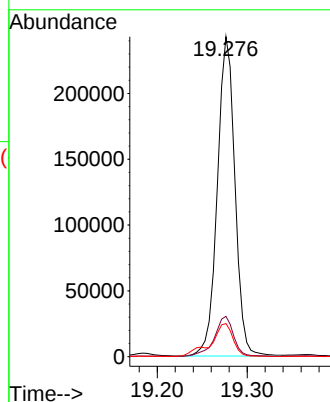
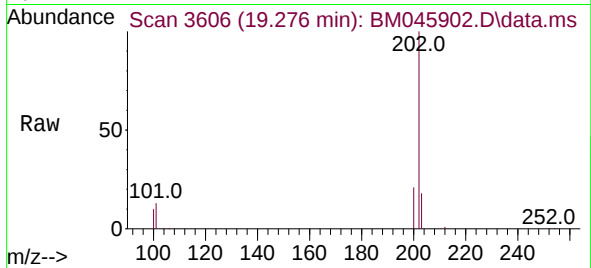
Tgt Ion:202	Resp: 329224
Ion Ratio	Lower Upper
202 100	
101 12.6	10.6 16.0
100 10.4	9.1 13.7

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#21

Benzo(a)anthracene

Concen: 2.490 ng/ul

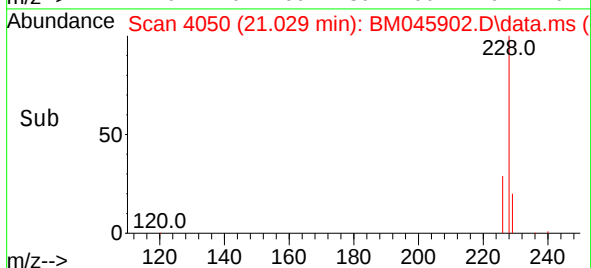
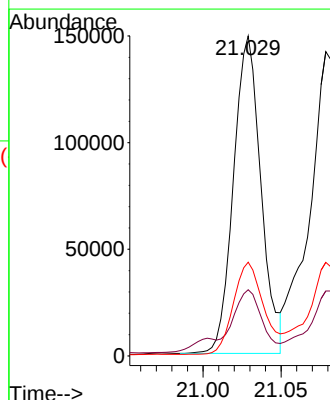
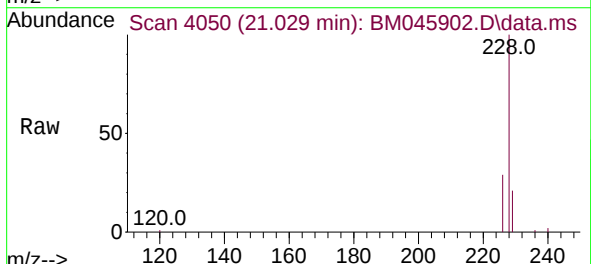
RT: 21.029 min Scan# 4050

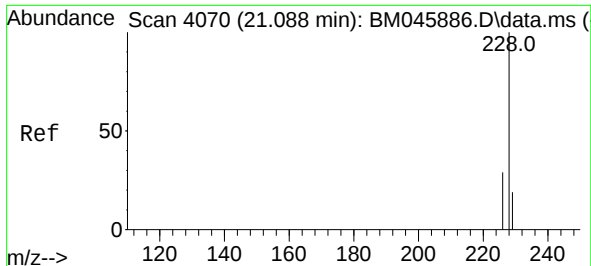
Delta R.T. -0.006 min

Lab File: BM045902.D

Acq: 08 Jun 2024 04:26

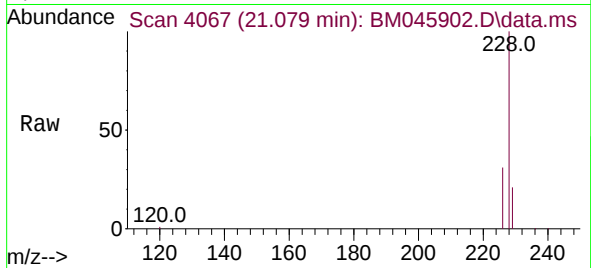
Tgt Ion:228	Resp: 182140
Ion Ratio	Lower Upper
228 100	
229 20.7	15.7 23.5
226 29.3	22.0 33.0





#22
Chrysene
Concen: 2.576 ng/ul
RT: 21.079 min Scan# 4070
Delta R.T. -0.009 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

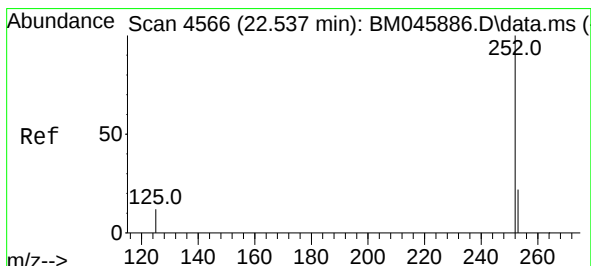
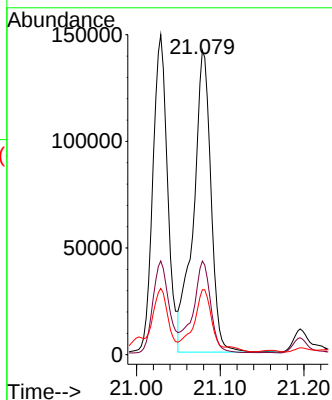
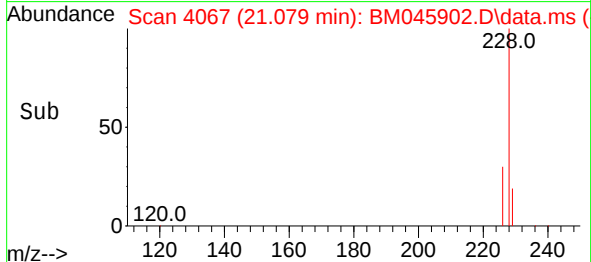
Instrument :
BNA_M
ClientSampleId :
A4D18DL



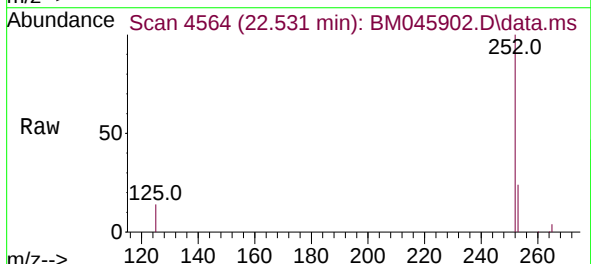
Tgt Ion:228 Resp: 20513
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.4 16.2 24.2

Manual Integrations
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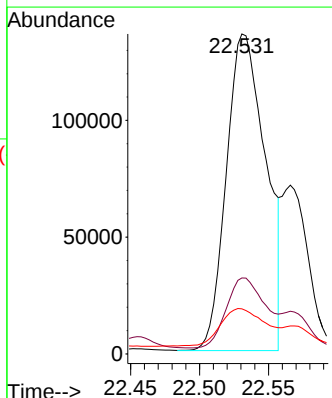
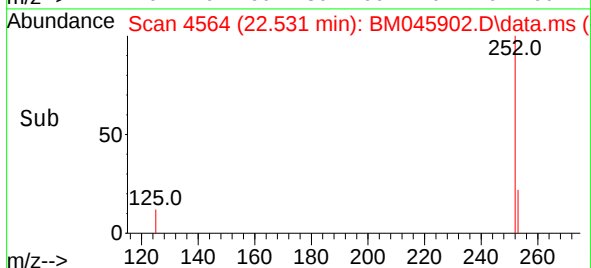
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

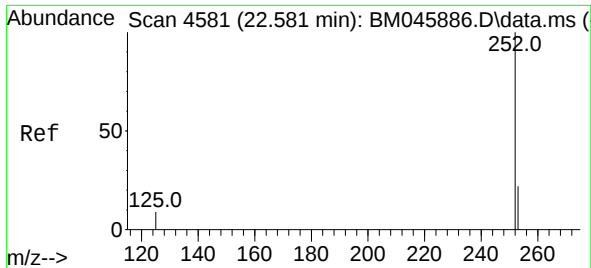


#24
Benzo(b)fluoranthene
Concen: 3.582 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26



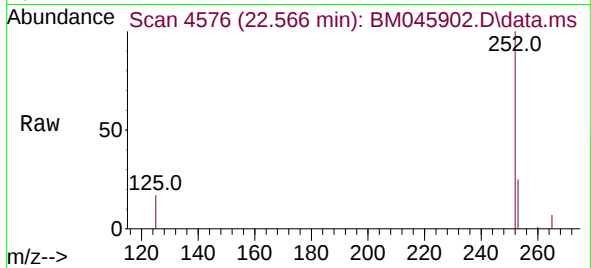
Tgt Ion:252 Resp: 269337
Ion Ratio Lower Upper
252 100
253 23.7 0.0 63.6
125 14.1 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 1.145 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

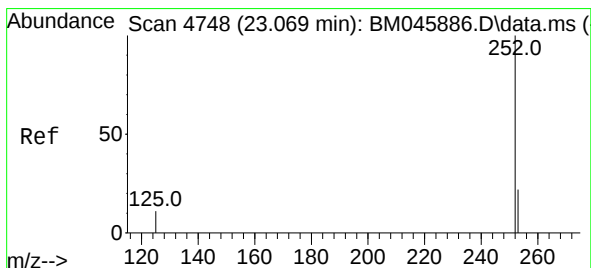
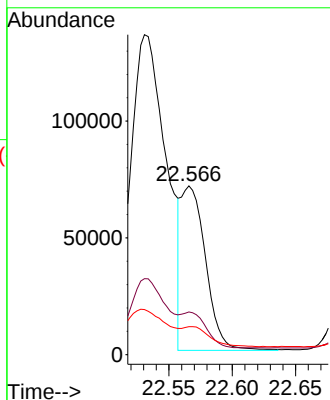
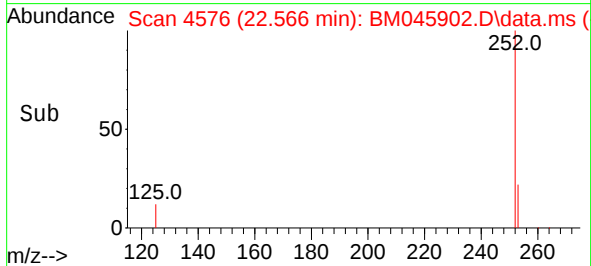
Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:252 Resp: 94650
Ion Ratio Lower Upper
252 100
253 25.3 25.0 37.6
125 16.6 14.2 21.2

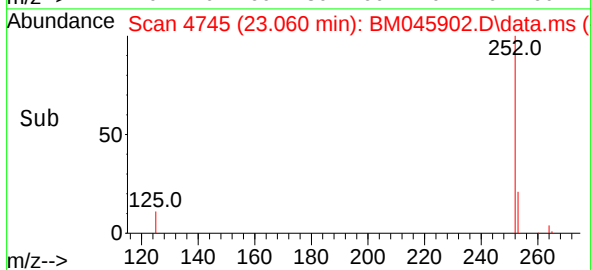
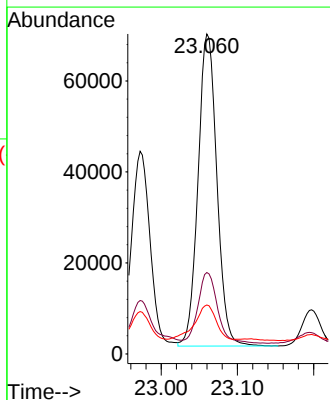
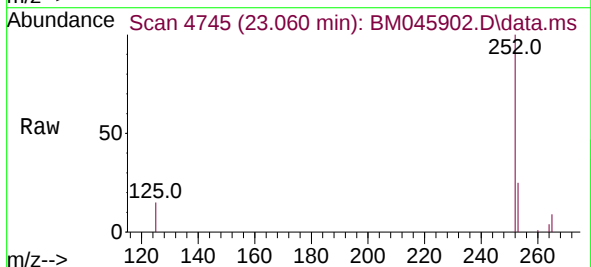
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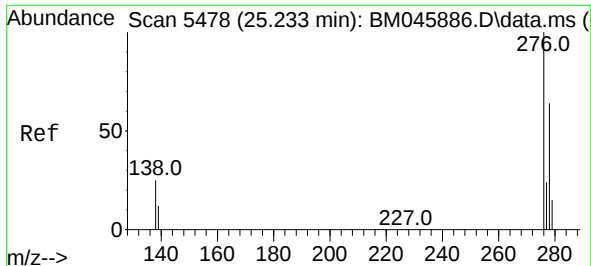
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#26
Benzo(a)pyrene
Concen: 1.575 ng/ul
RT: 23.060 min Scan# 4745
Delta R.T. -0.012 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

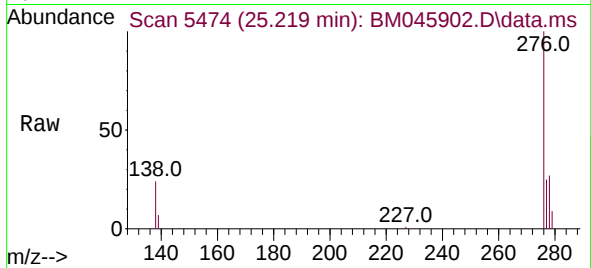
Tgt Ion:252 Resp: 117797
Ion Ratio Lower Upper
252 100
253 25.5 28.8 43.2#
125 15.3 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.100 ng/ul
RT: 25.219 min Scan# 5474
Delta R.T. -0.013 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

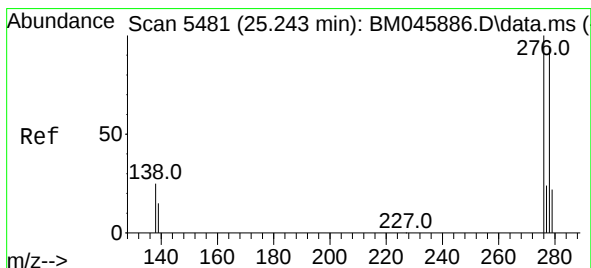
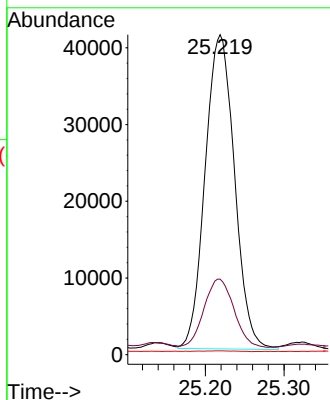
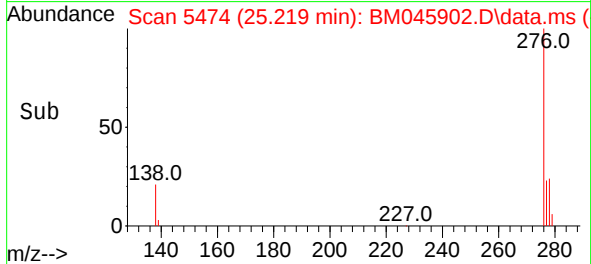
Instrument :
BNA_M
ClientSampleId :
A4D18DL



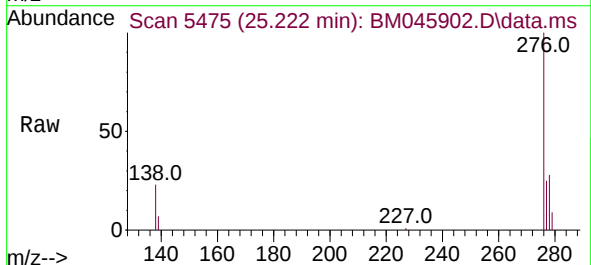
Tgt Ion:276 Resp: 10637
Ion Ratio Lower Upper
276 100
138 22.0 20.7 31.1
227 0.2 0.2 0.2

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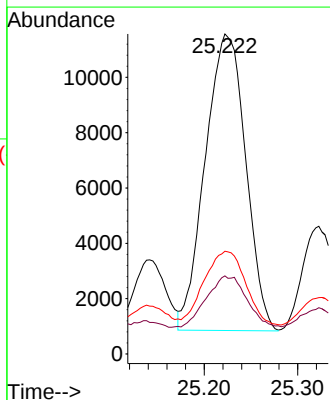
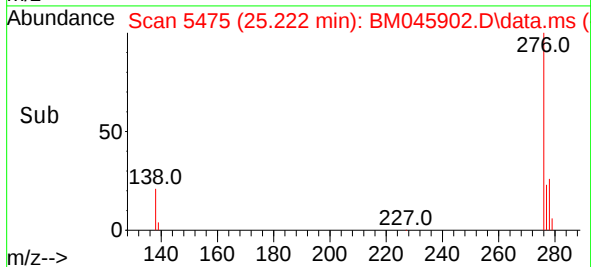
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

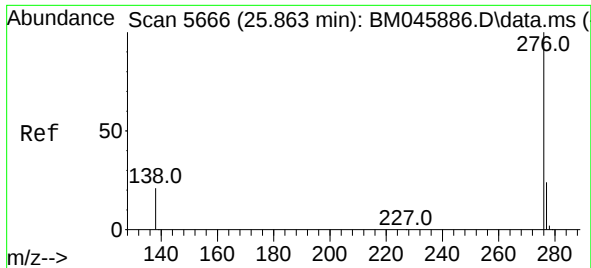


#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.027 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26



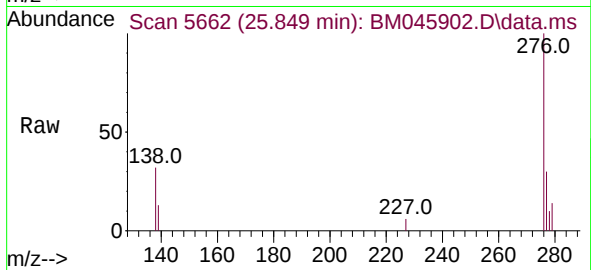
Tgt Ion:278 Resp: 32256
Ion Ratio Lower Upper
278 100
139 24.4 16.6 25.0
279 32.1 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 25.849 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM045902.D
Acq: 08 Jun 2024 04:26

Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:276 Resp: 1755
Ion Ratio Lower Upper
276 100
138 32.4 21.0 31.4
277 29.8 20.5 30.7

Manual Integrations
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

