

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046624.D
 Acq On : 16 Jul 2024 08:55
 Operator : MA/JU
 Sample : P3088-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D12DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 09:26:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	3605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	9590	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	6743	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	15076	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	11461	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	12616	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	2012	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	834	0.054	ng/ul	0.00
18) Fluoranthene-d10	18.932	212	2106	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	4525	0.185	ng/ul	99
7) 2-Methylnaphthalene	11.932	142	2400	0.140	ng/ul	96
8) 1-Methylnaphthalene	12.157	142	1872	0.107	ng/ul	98
10) Acenaphthylene	13.859	152	13430	0.438	ng/ul	98
11) Acenaphthene	14.206	153	3862	0.188	ng/ul	98
12) Fluorene	15.201	166	6672	0.262	ng/ul	98
14) Pentachlorophenol	16.554	266	292	0.038	ng/ul	98
15) Phenanthrene	16.939	178	114831	2.669	ng/ul	98
16) Anthracene	17.027	178	26231	0.625	ng/ul	99
19) Fluoranthene	18.965	202	250282	5.317	ng/ul	99
20) Pyrene	19.332	202	173087	3.396	ng/ul	99
21) Benzo(a)anthracene	21.090	228	116140	2.291	ng/ul	96
22) Chrysene	21.140	228	124324	2.534	ng/ul	98
24) Benzo(b)fluoranthene	22.613	252	180509m	3.582	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	59821m	1.209	ng/ul	
26) Benzo(a)pyrene	23.153	252	55599	1.341	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.366	276	60497	0.959	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.383	278	22912	0.459	ng/ul#	89
29) Benzo(g,h,i)perylene	26.014	276	8638	0.172	ng/ul#	75

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

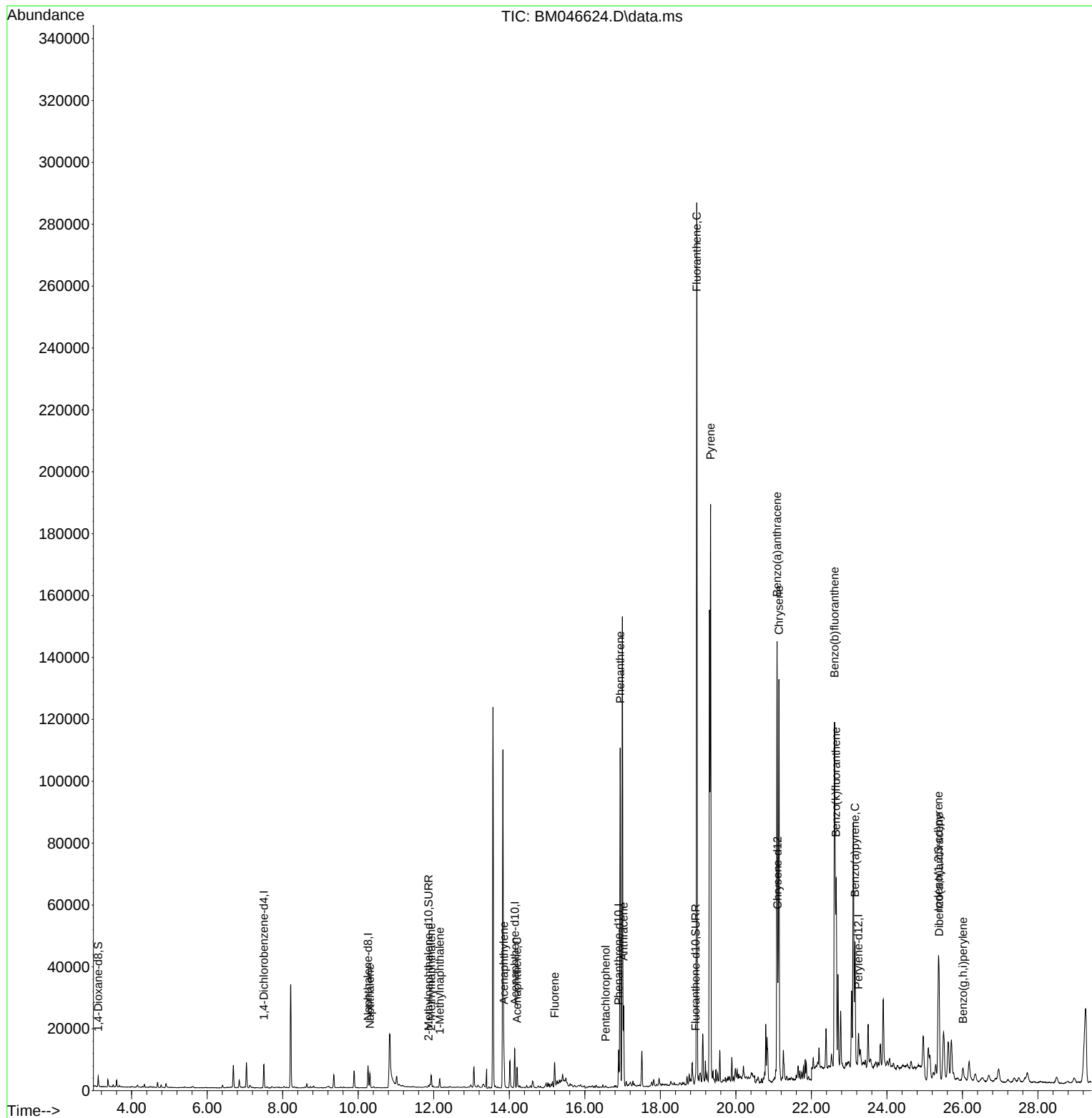
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046624.D
Acq On : 16 Jul 2024 08:55
Operator : MA/JU
Sample : P3088-17DL 5X
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ALS Vial : 35 Sample Multiplier: 1

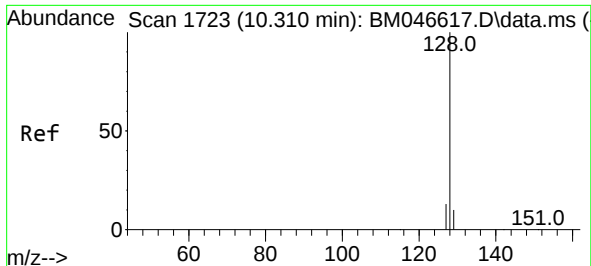
Instrument :
BNA_M
ClientSampleId :
A4D12DL

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Supervised By :mohammad ahmed 07/18/2024

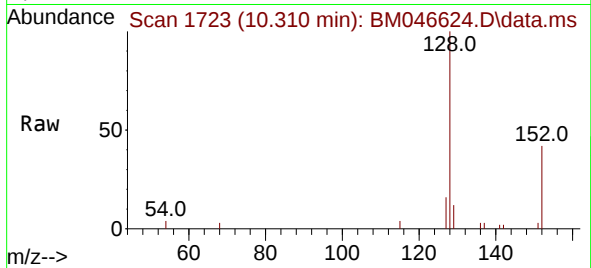
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

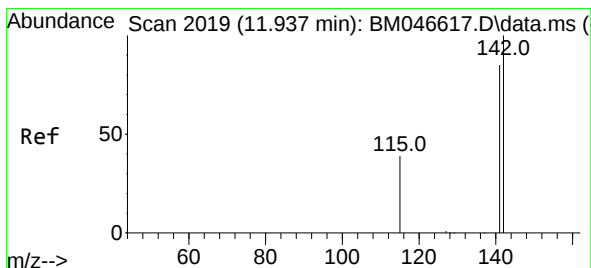
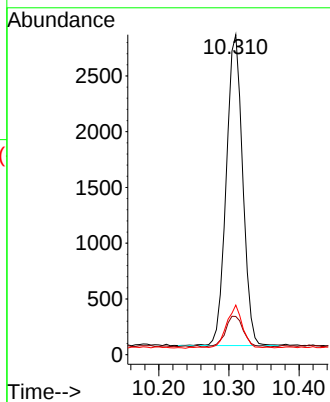
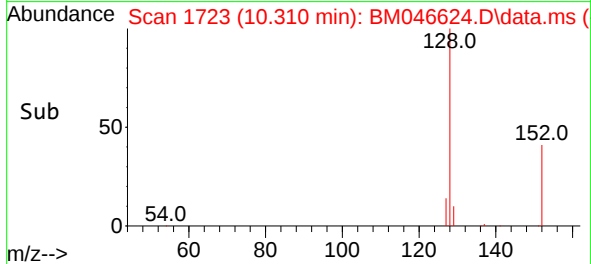
Instrument :
BNA_M
ClientSampleId :
A4D12DL



Tgt Ion:128 Resp: 452
Ion Ratio Lower Upper
128 100
129 12.0 10.3 15.5
127 15.5 12.2 18.4

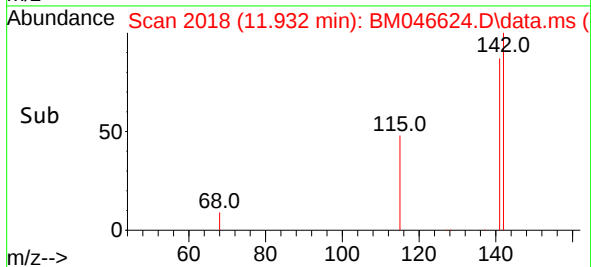
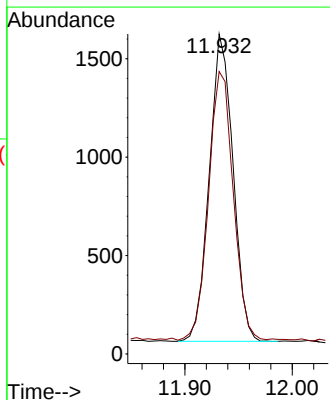
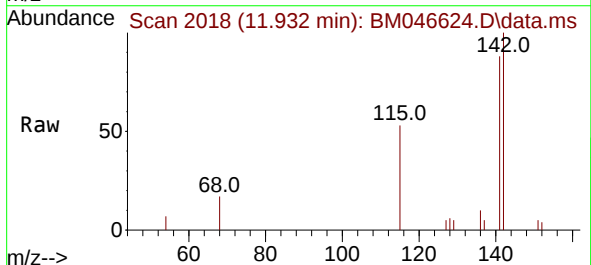
Manual Integrations
APPROVED

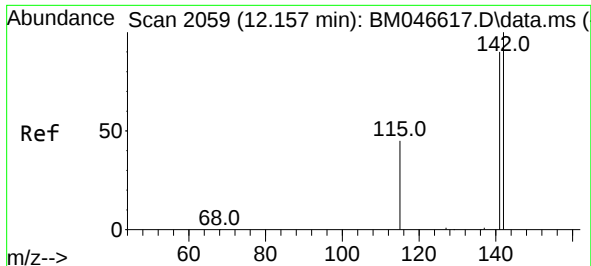
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

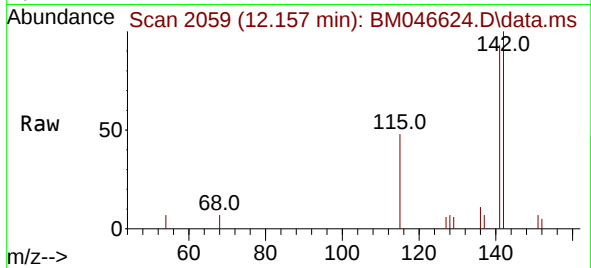
Tgt Ion:142 Resp: 2400
Ion Ratio Lower Upper
142 100
141 91.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

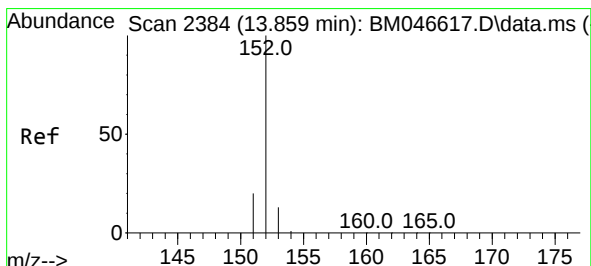
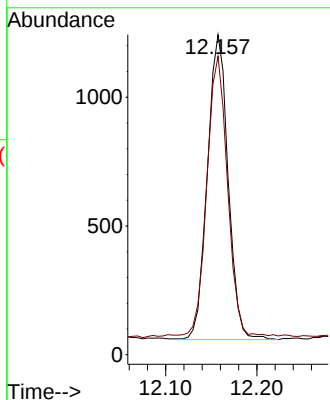
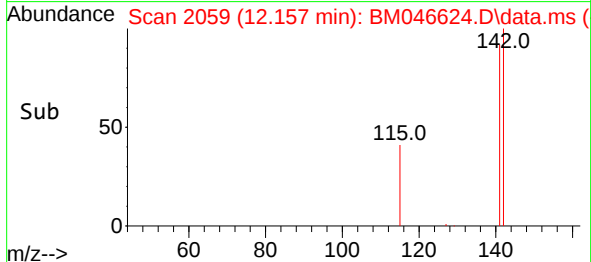
Instrument :
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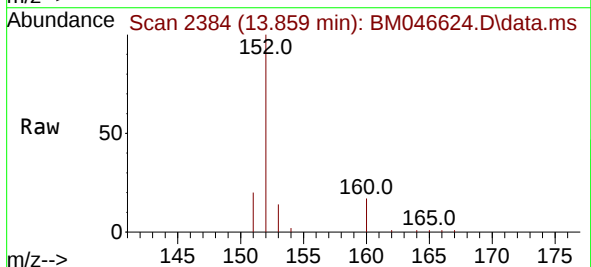
Tgt Ion:142 Resp: 1872
Ion Ratio Lower Upper
142 100
141 94.4 73.9 110.9

Manual Integrations
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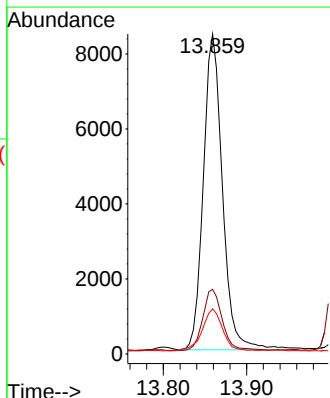
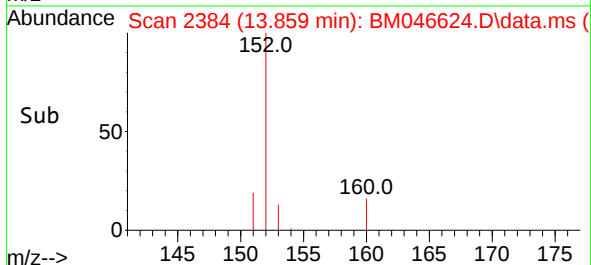
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

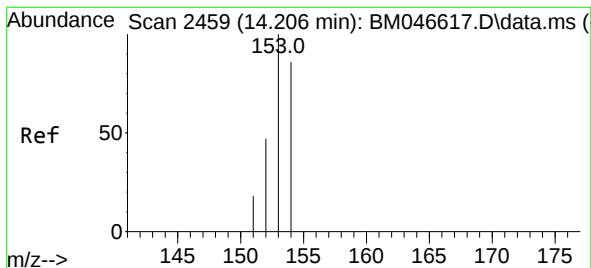


#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 13.859 min Scan# 2384
Delta R.T. -0.005 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55



Tgt Ion:152 Resp: 13430
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.1 12.4 18.6





#11

Acenaphthene

Concen: 0.188 ng/u1

RT: 14.206 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BM046624.D

Acq: 16 Jul 2024 08:55

Instrument :

BNA_M

ClientSampleId :

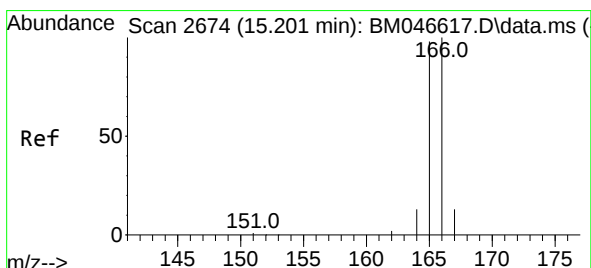
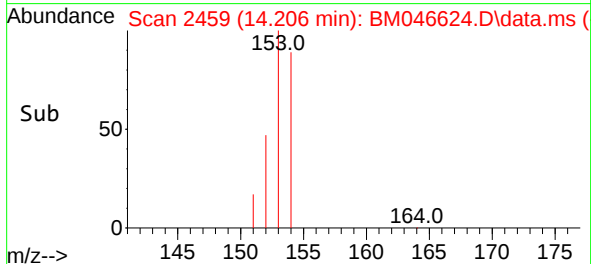
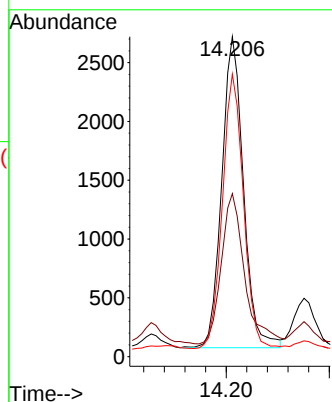
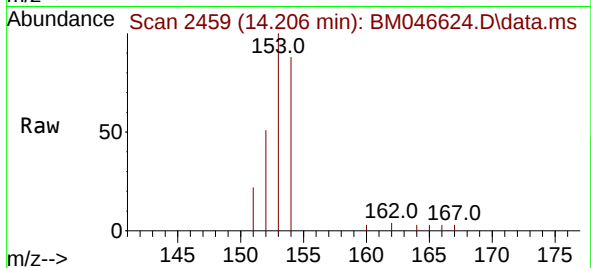
A4D12DL

Tgt Ion:153	Resp:	3862
Ion Ratio	Lower	Upper
153	100	
152	50.9	43.0 64.6
154	88.3	69.9 104.9

Manual Integrations

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#12

Fluorene

Concen: 0.262 ng/u1

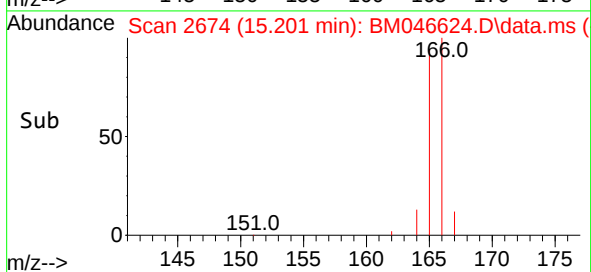
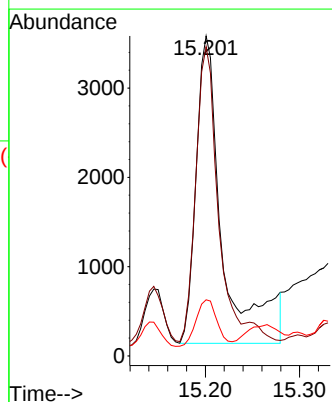
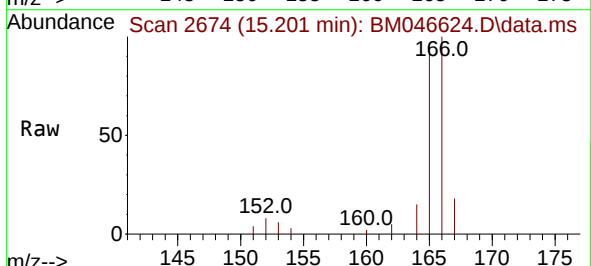
RT: 15.201 min Scan# 2674

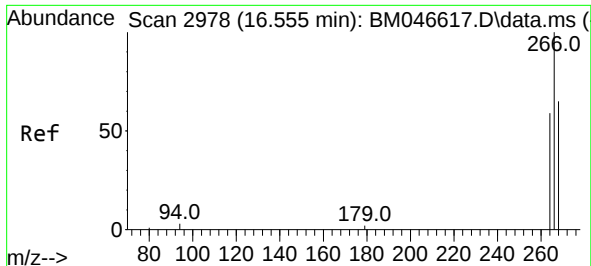
Delta R.T. -0.005 min

Lab File: BM046624.D

Acq: 16 Jul 2024 08:55

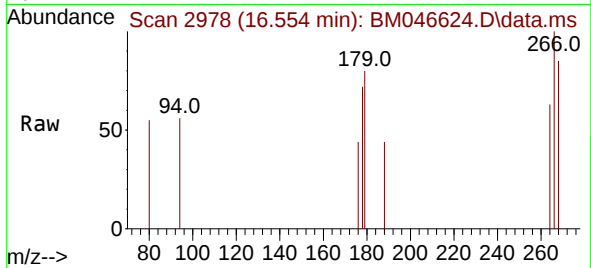
Tgt Ion:166	Resp:	6672
Ion Ratio	Lower	Upper
166	100	
165	96.7	76.1 114.1
167	17.6	12.5 18.7





#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

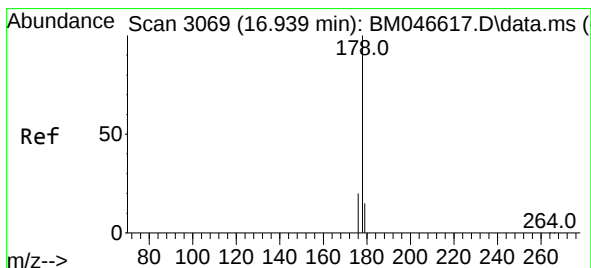
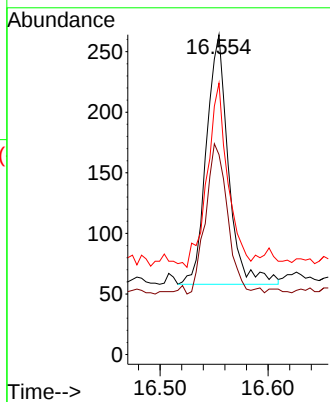
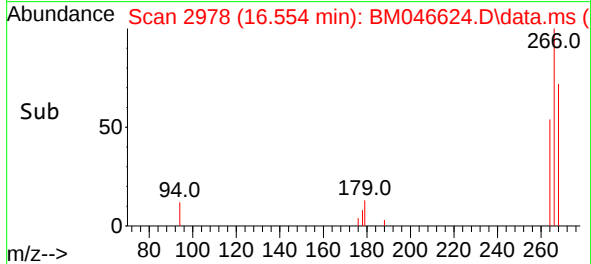
Instrument :
BNA_M
ClientSampleId :
A4D12DL



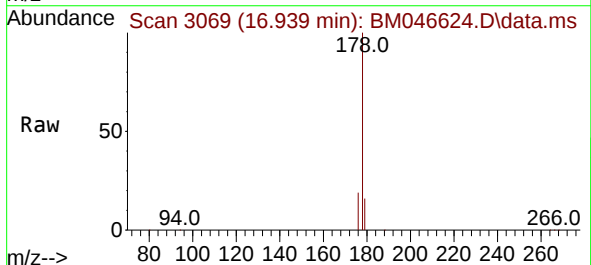
Tgt Ion:266 Resp: 2978
Ion Ratio Lower Upper
266 100
264 60.6 50.1 75.1
268 64.7 52.5 78.7

Manual Integrations
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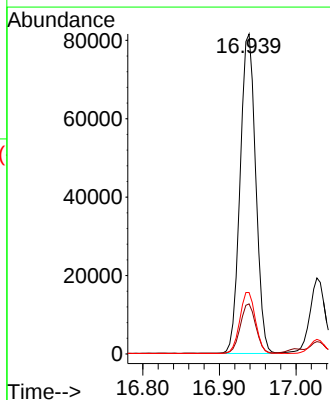
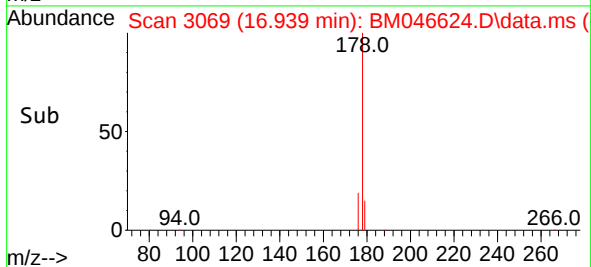
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

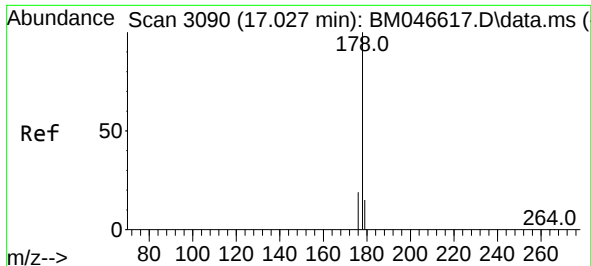


#15
Phenanthrene
Concen: 2.669 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55



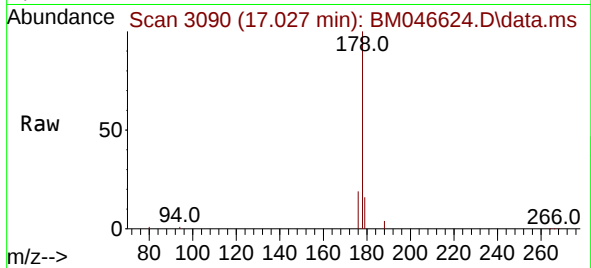
Tgt Ion:178 Resp: 114831
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.2 16.0 24.0





#16
 Anthracene
 Concen: 0.625 ng/ul
 RT: 17.027 min Scan# 3090
 Delta R.T. -0.005 min
 Lab File: BM046624.D
 Acq: 16 Jul 2024 08:55

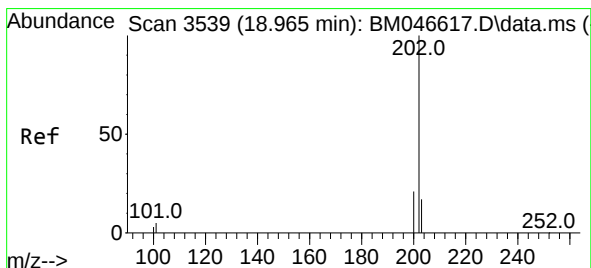
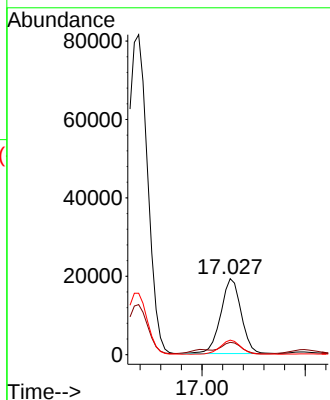
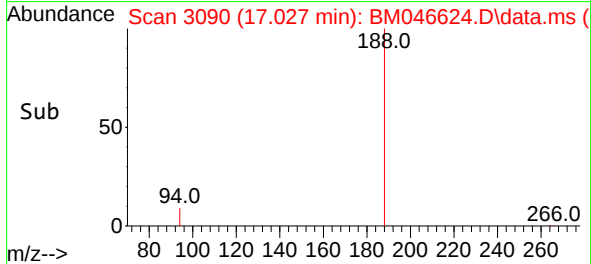
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 A4D12DL



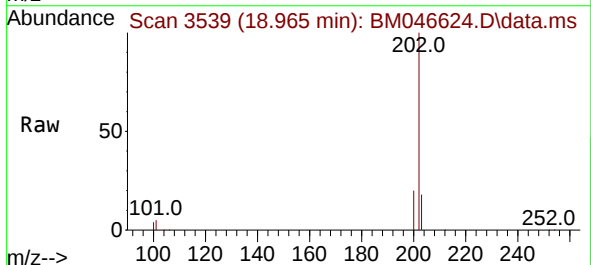
Tgt Ion:178 Resp: 2623
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.5 20.3
 176 19.2 15.7 23.5

Manual Integrations
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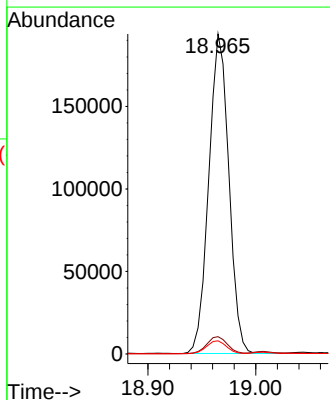
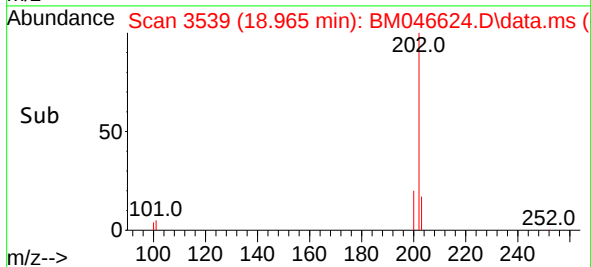
Reviewed By :Jagrut Upadhyay 07/16/2024
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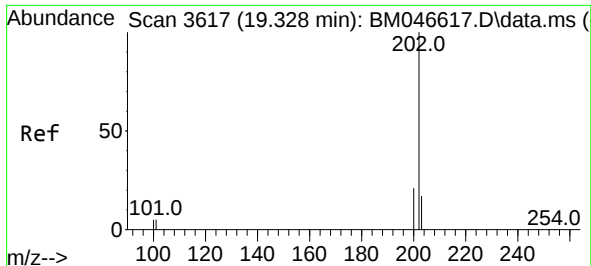


#19
 Fluoranthene
 Concen: 5.317 ng/ul
 RT: 18.965 min Scan# 3539
 Delta R.T. -0.005 min
 Lab File: BM046624.D
 Acq: 16 Jul 2024 08:55



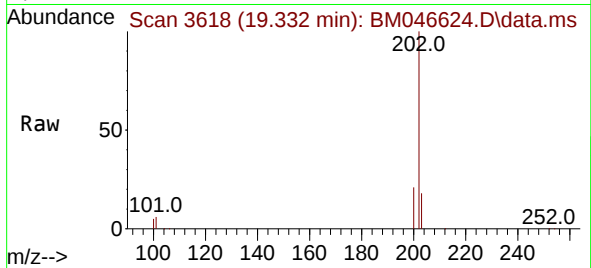
Tgt Ion:202 Resp: 250282
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 6.8
 100 4.1 3.0 4.6





#20
Pyrene
Concen: 3.396 ng/ul
RT: 19.332 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

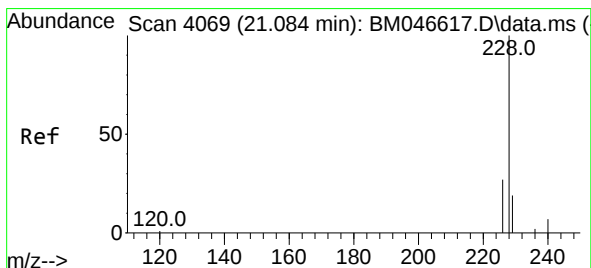
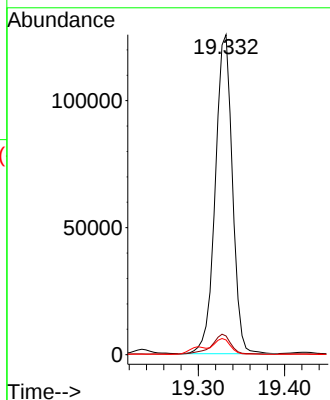
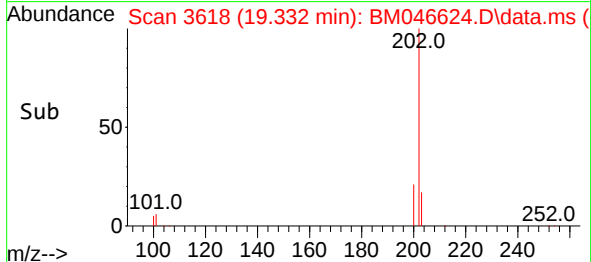
Instrument :
BNA_M
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A4D12DL



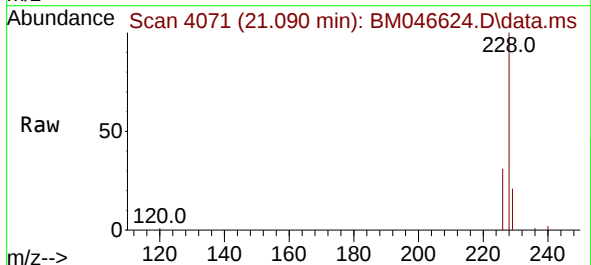
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Ion Ratio Lower Upper
202 100
101 5.8 5.1 7.7
100 4.6 3.8 5.6

Manual Integrations
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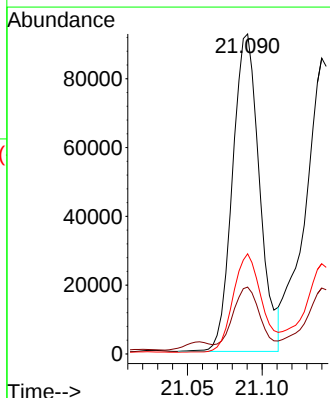
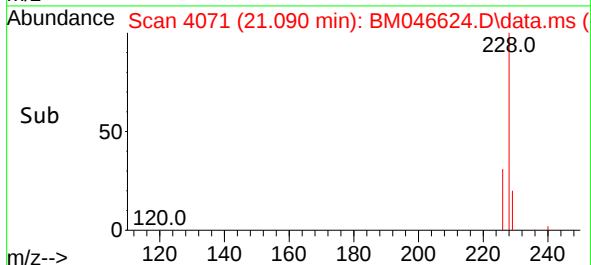
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

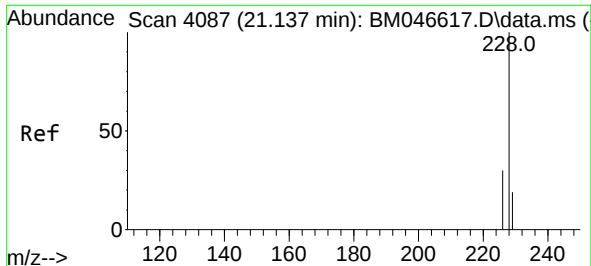


#21
Benzo(a)anthracene
Concen: 2.291 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55



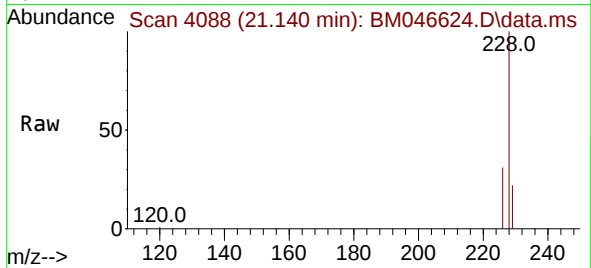
Tgt Ion:228 Resp: 116140
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 31.3 22.5 33.7





#22
Chrysene
Concen: 2.534 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

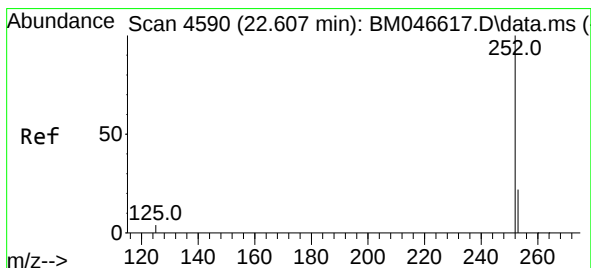
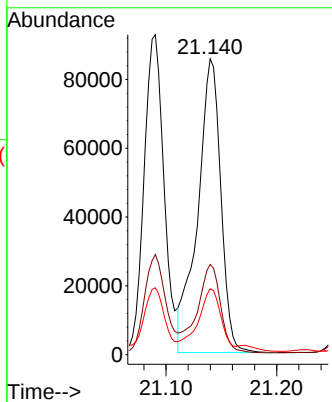
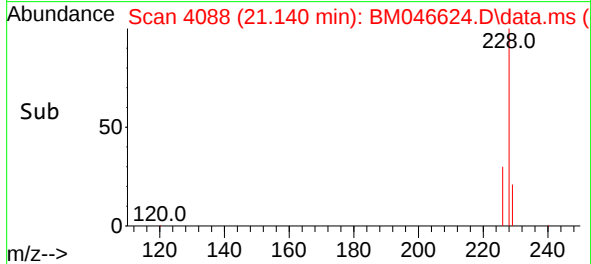
Instrument :
BNA_M
ClientSampleId :
A4D12DL



Tgt Ion:228 Resp: 124324
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.3 16.4 24.6

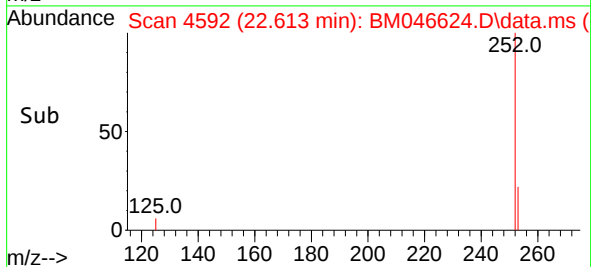
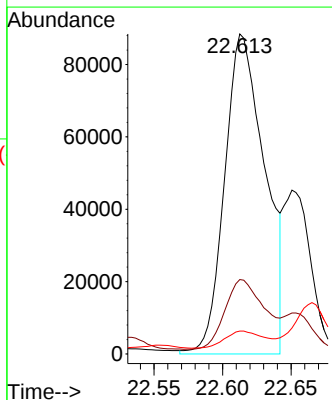
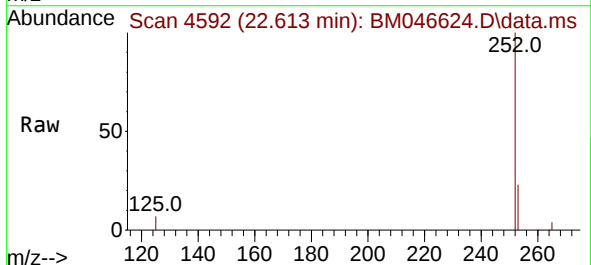
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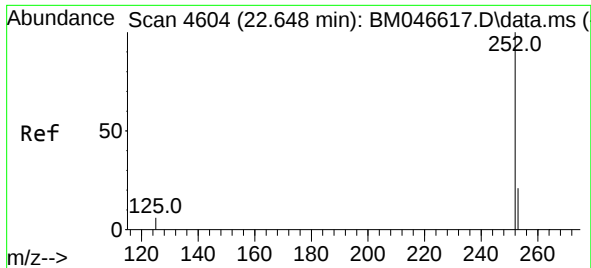
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 3.582 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

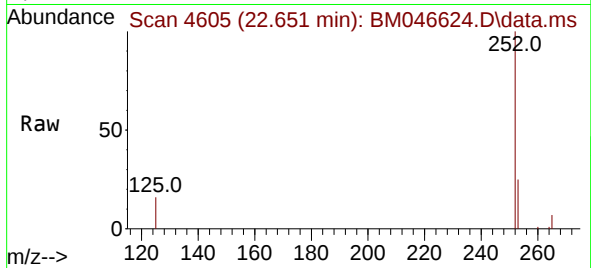
Tgt Ion:252 Resp: 180509
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.2
125 7.2 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 1.209 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.000 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

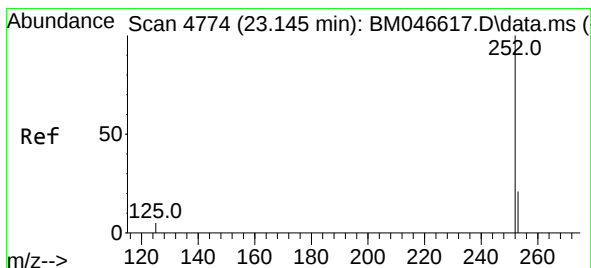
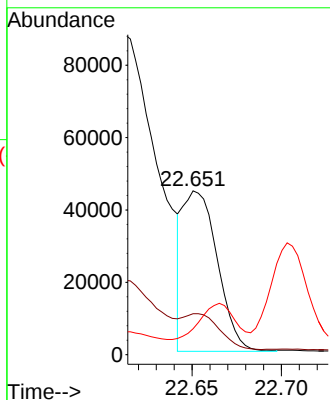
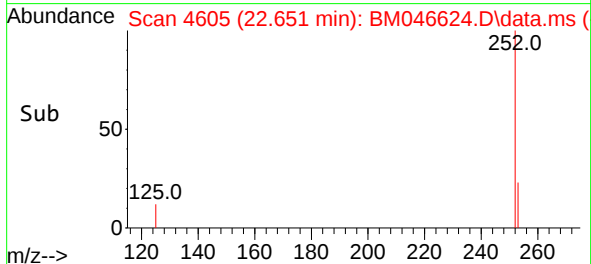
Instrument :
BNA_M
ClientSampleId :
A4D12DL



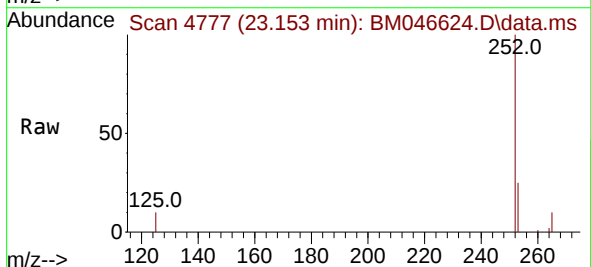
Tgt Ion:252 Resp: 5982
Ion Ratio Lower Upper
252 100
253 25.0 22.4 33.6
125 15.8 7.0 10.4

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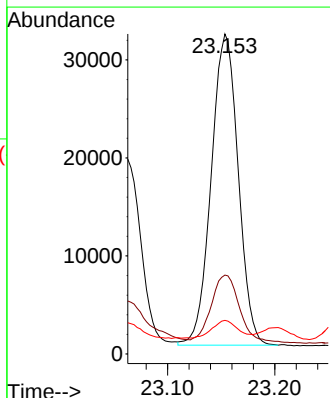
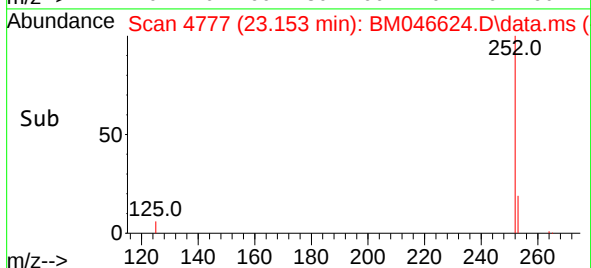
Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

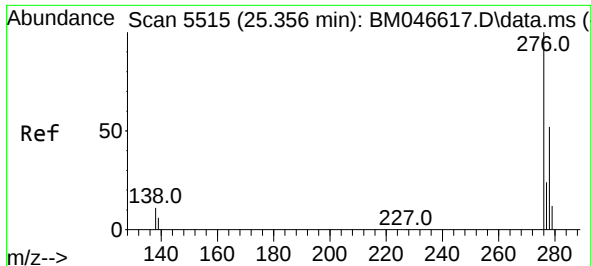


#26
Benzo(a)pyrene
Concen: 1.341 ng/ul
RT: 23.153 min Scan# 4777
Delta R.T. 0.003 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55



Tgt Ion:252 Resp: 55599
Ion Ratio Lower Upper
252 100
253 24.7 24.0 36.0
125 10.5 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.959 ng/ul

RT: 25.366 min Scan# 5515

Delta R.T. 0.006 min

Lab File: BM046624.D

Acq: 16 Jul 2024 08:55

Instrument :

BNA_M

ClientSampleId :

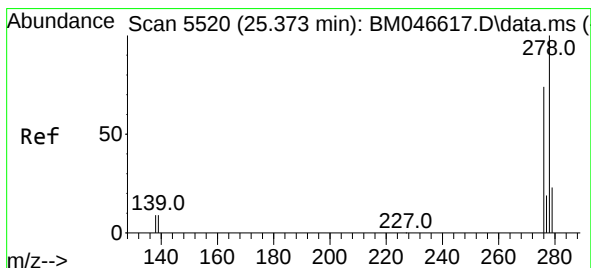
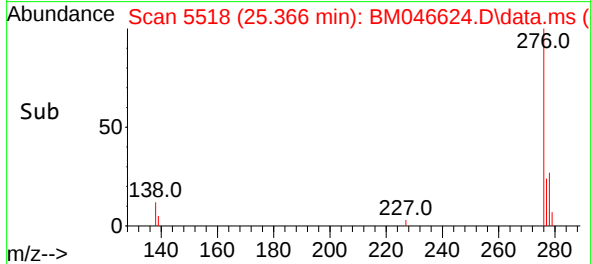
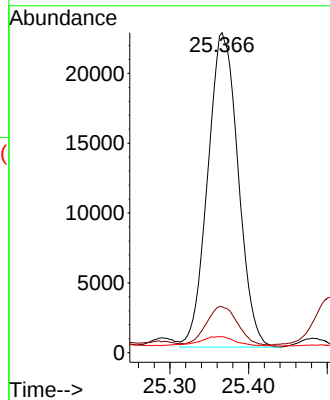
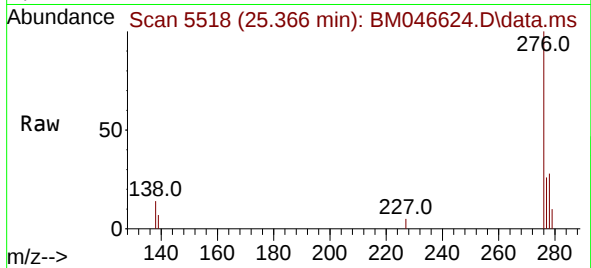
A4D12DL

Tgt Ion:	276	Resp:	6049
Ion Ratio	Lower	Upper	
276	100		
138	12.5	0.0	0.0
227	3.6	0.2	0.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.459 ng/ul

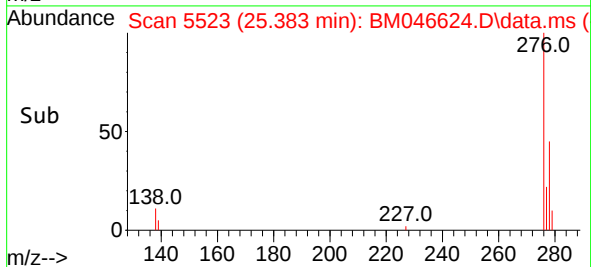
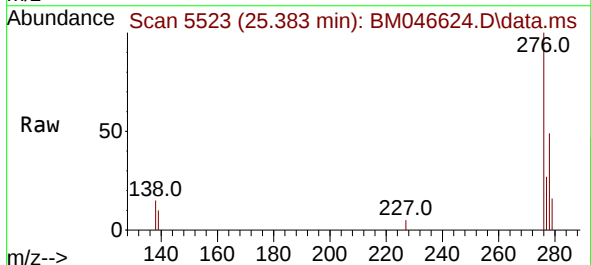
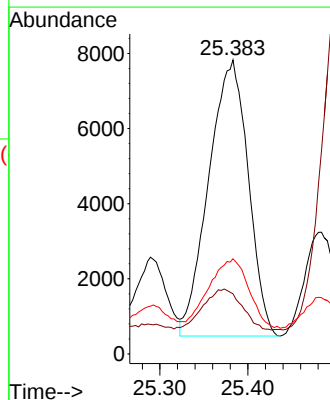
RT: 25.383 min Scan# 5523

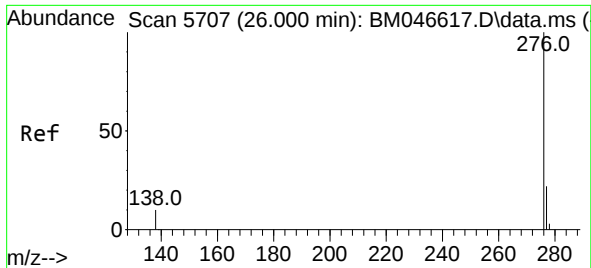
Delta R.T. -0.000 min

Lab File: BM046624.D

Acq: 16 Jul 2024 08:55

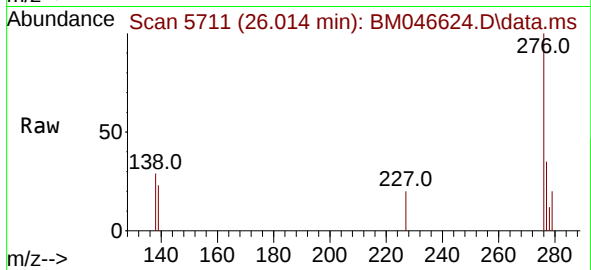
Tgt Ion:	278	Resp:	22912
Ion Ratio	Lower	Upper	
278	100		
139	20.4	9.1	13.7
279	32.4	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.172 ng/ul
RT: 26.014 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046624.D
Acq: 16 Jul 2024 08:55

Instrument :
BNA_M
ClientSampleId :
A4D12DL



Tgt Ion: 276 Resp: 8638
Ion Ratio Lower Upper
276 100
138 29.2 10.2 15.4
277 35.0 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

