

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046324.D
 Acq On : 26 Jun 2024 11:31
 Operator : MA/JU
 Sample : P2909-08DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B85DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 13:31:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2374	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.198	136	6896	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.057	164	4095	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.806	188	7941	0.400	ng/ul	-0.03
17) Chrysene-d12	21.015	240	6631	0.400	ng/ul	0.00
23) Perylene-d12	23.092	264	7267m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1611	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	413	0.045	ng/ul	-0.02
18) Fluoranthene-d10	18.838	212	956	0.048	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	404	0.021	ng/ul#	19
8) 1-Methylnaphthalene	12.101	142	238	0.020	ng/ul	98
10) Acenaphthylene	13.774	152	542	0.028	ng/ul#	41
11) Acenaphthene	14.117	153	906	0.065	ng/ul	92
12) Fluorene	15.121	166	1140	0.076	ng/ul#	97
15) Phenanthrene	16.844	178	13824	0.620	ng/ul	98
16) Anthracene	16.937	178	3638	0.219	ng/ul#	92
19) Fluoranthene	18.866	202	16324	0.569	ng/ul	98
20) Pyrene	19.228	202	14054	0.453	ng/ul	98
21) Benzo(a)anthracene	20.997	228	6493	0.254	ng/ul	93
22) Chrysene	21.050	228	5975	0.183	ng/ul	94
24) Benzo(b)fluoranthene	22.484	252	7131m	0.272	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	4430m	0.142	ng/ul	
26) Benzo(a)pyrene	23.005	252	5578	0.230	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.149	276	3886m	0.098	ng/ul	
28) Dibenzo(a,h)anthracene	25.162	278	786m	0.027	ng/ul	
29) Benzo(g,h,i)perylene	25.769	276	3657	0.107	ng/ul#	77

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

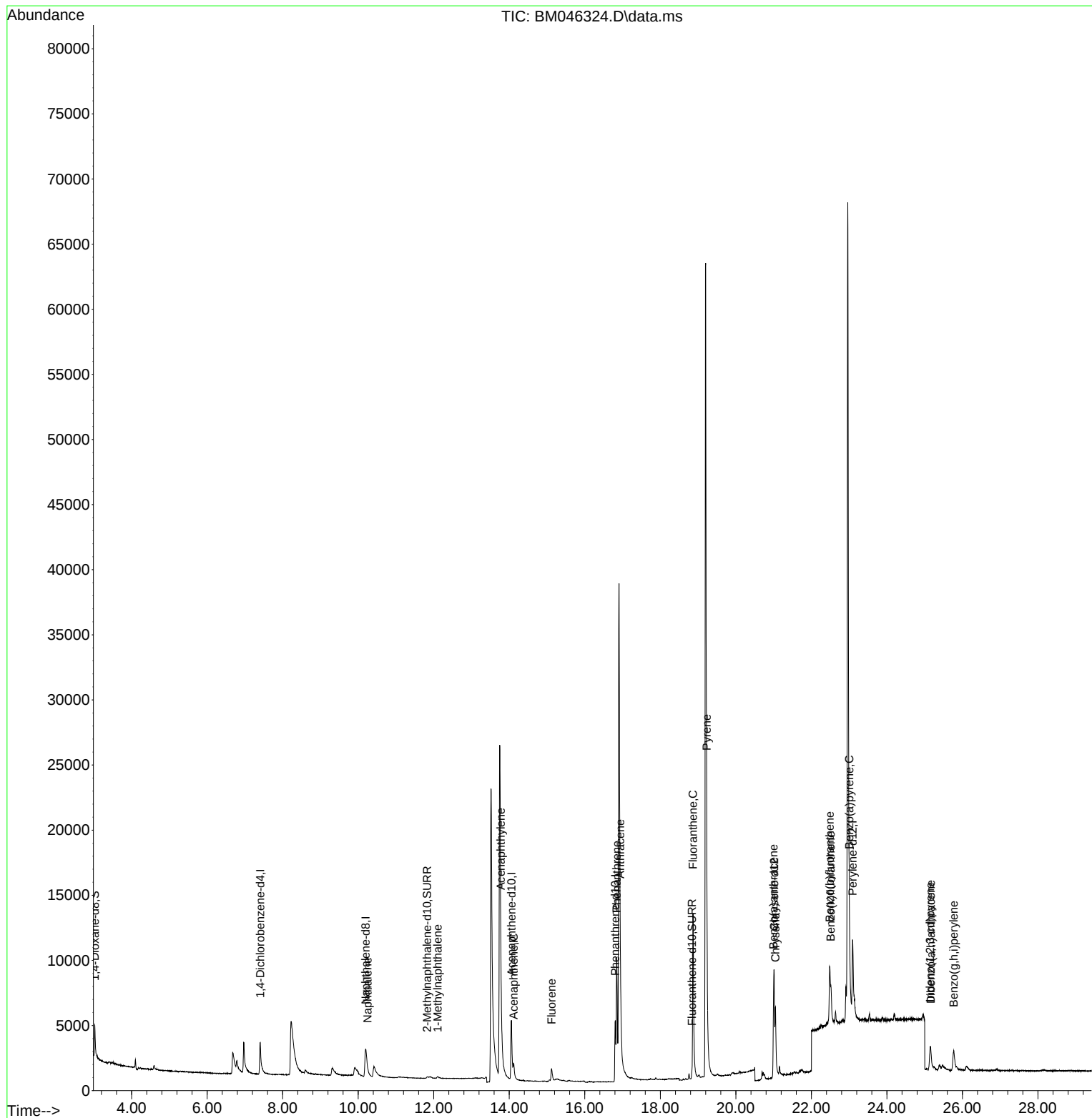
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046324.D
Acq On : 26 Jun 2024 11:31
Operator : MA/JU
Sample : P2909-08DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

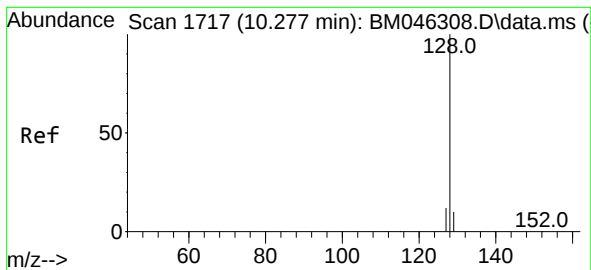
Instrument :
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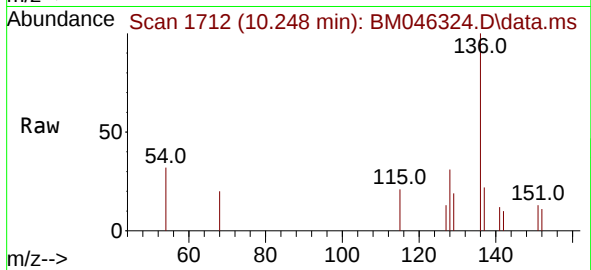
Quant Time: Jun 26 13:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.029 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

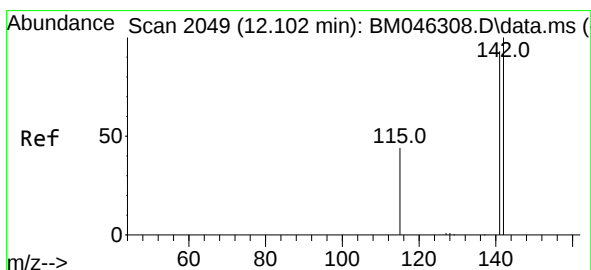
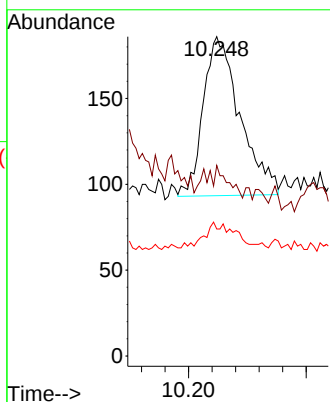
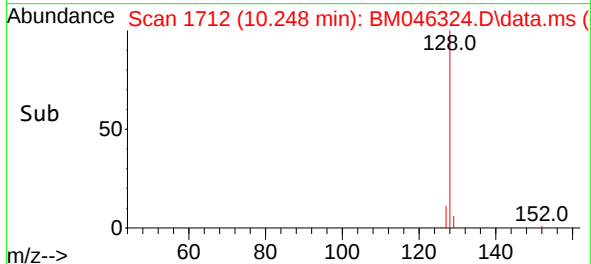
Instrument :
BNA_M
ClientSampleId :
A4B85DL



Tgt Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
129 59.7 11.8 17.6
127 39.8 12.8 19.2

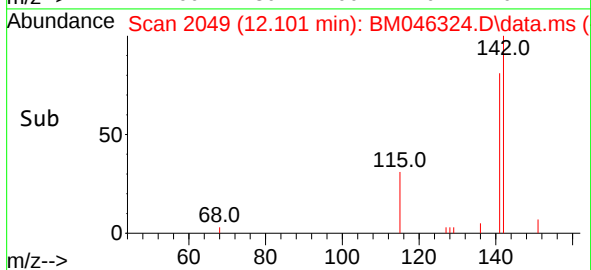
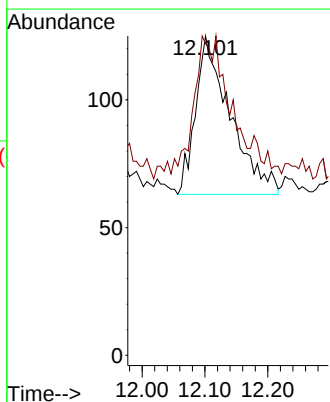
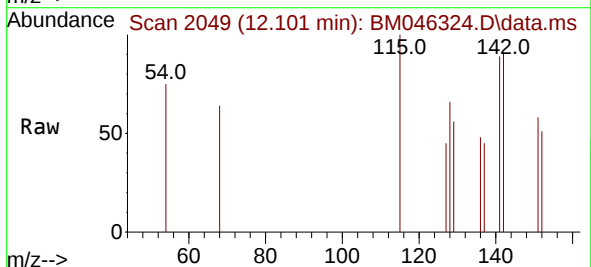
Manual Integrations
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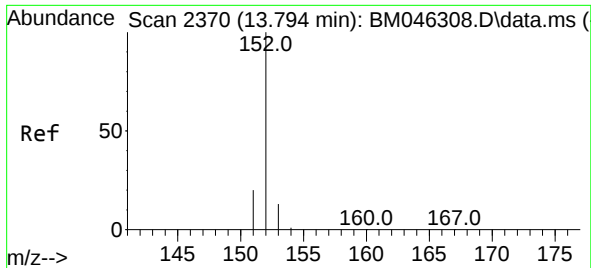
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.001 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

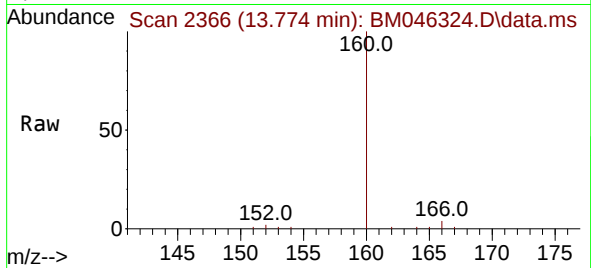
Tgt Ion:142 Resp: 238
Ion Ratio Lower Upper
142 100
141 96.2 75.2 112.8





#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 13.774 min Scan# 21
Delta R.T. -0.020 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

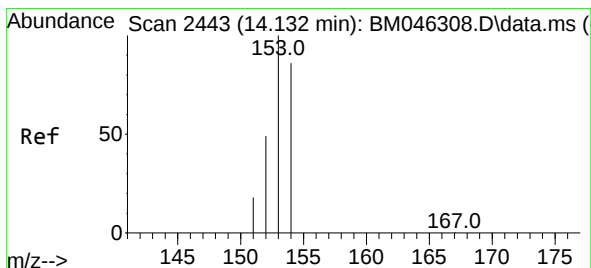
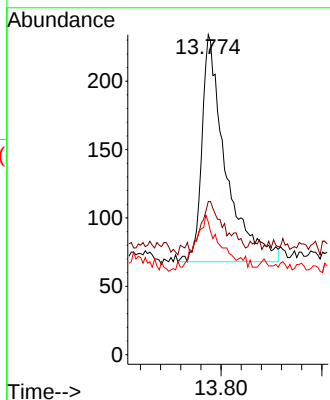
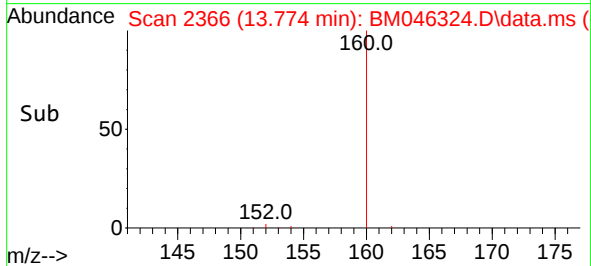
Instrument :
BNA_M
ClientSampleId :
A4B85DL



Tgt Ion:152 Resp: 542
Ion Ratio Lower Upper
152 100
151 47.9 17.4 26.2
153 41.5 11.8 17.8

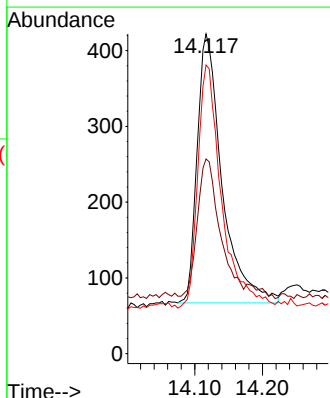
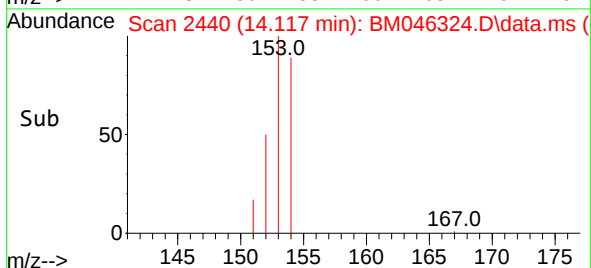
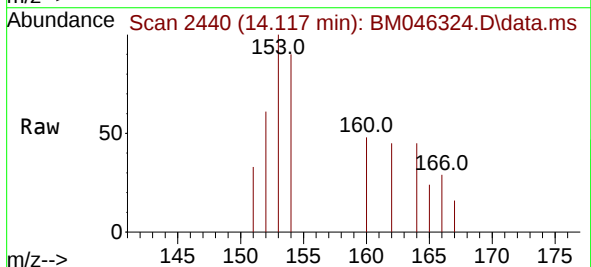
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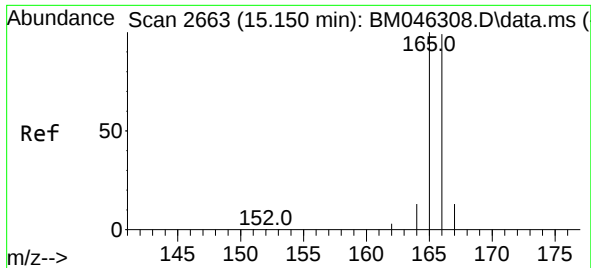
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.065 ng/u1
RT: 14.117 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

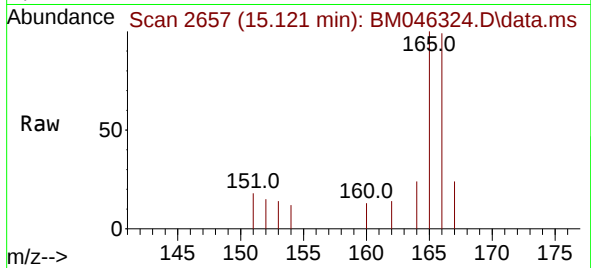
Tgt Ion:153 Resp: 906
Ion Ratio Lower Upper
153 100
152 60.9 41.3 61.9
154 90.3 68.2 102.4





#12
Fluorene
Concen: 0.076 ng/u1
RT: 15.121 min Scan# 20
Delta R.T. -0.029 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

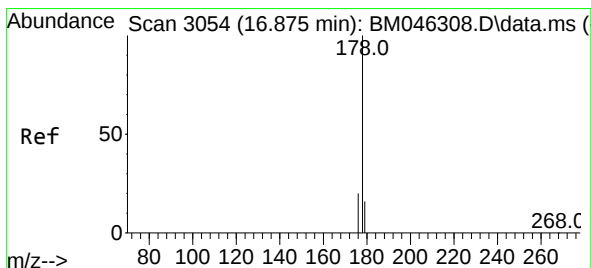
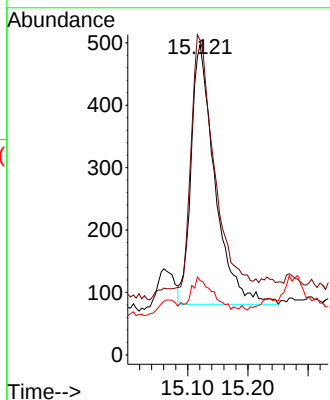
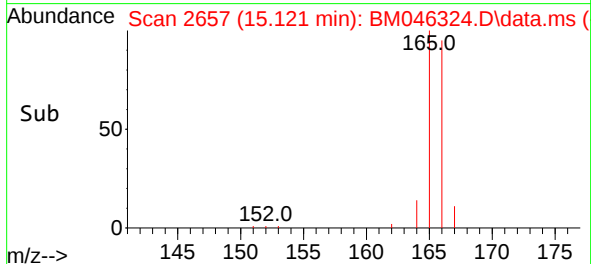
Instrument :
BNA_M
ClientSampleId :
A4B85DL



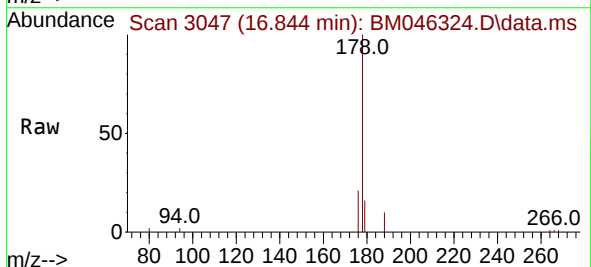
Tgt Ion:166 Resp: 1140
Ion Ratio Lower Upper
166 100
165 101.4 80.4 120.6
167 23.9 12.4 18.6

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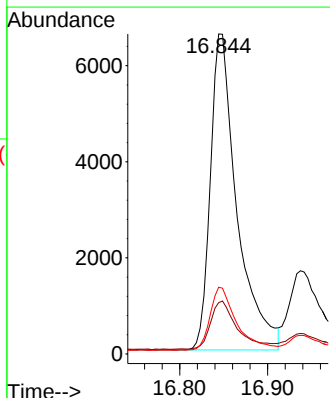
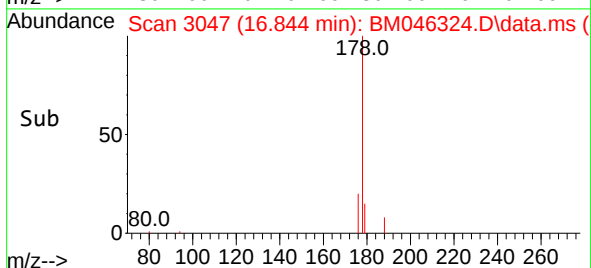
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

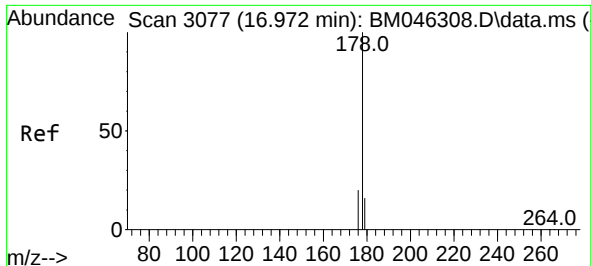


#15
Phenanthrene
Concen: 0.620 ng/u1
RT: 16.844 min Scan# 3047
Delta R.T. -0.031 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31



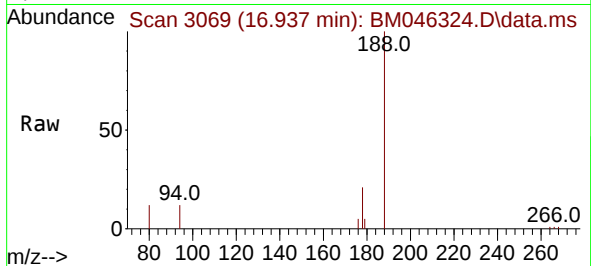
Tgt Ion:178 Resp: 13824
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.8 17.1 25.7





#16
 Anthracene
 Concen: 0.219 ng/ul
 RT: 16.937 min Scan# 3077
 Delta R.T. -0.035 min
 Lab File: BM046324.D
 Acq: 26 Jun 2024 11:31

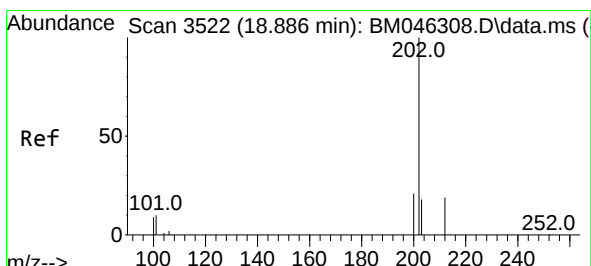
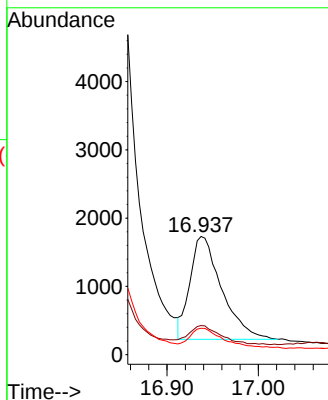
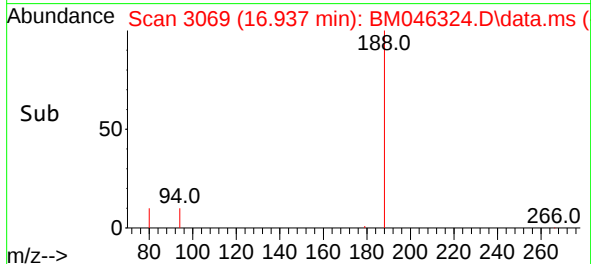
Instrument :
 BNA_M
 ClientSampleId :
 A4B85DL



Tgt Ion:178 Resp: 3638
 Ion Ratio Lower Upper
 178 100
 179 24.6 14.9 22.3
 176 22.3 17.0 25.4

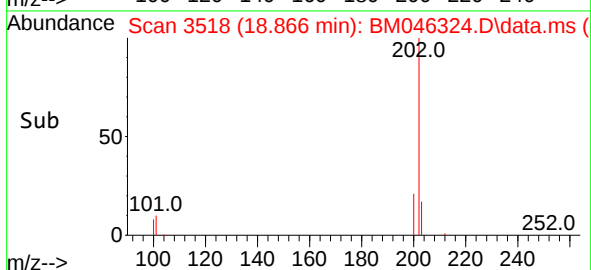
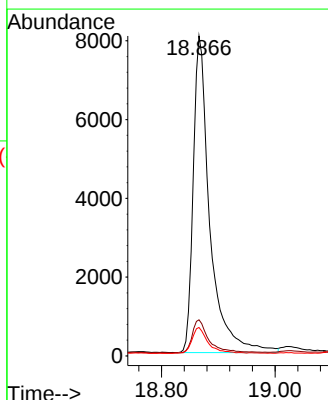
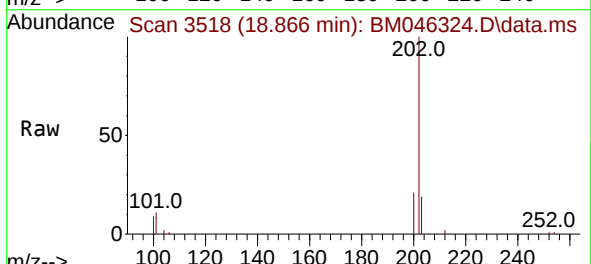
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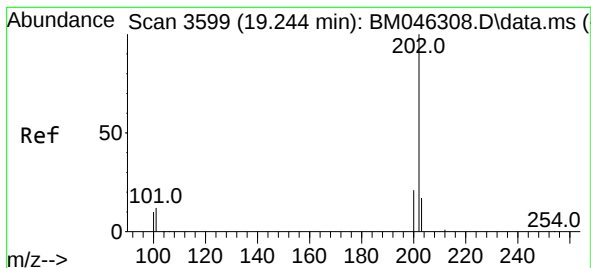
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.569 ng/ul
 RT: 18.866 min Scan# 3518
 Delta R.T. -0.020 min
 Lab File: BM046324.D
 Acq: 26 Jun 2024 11:31

Tgt Ion:202 Resp: 16324
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.6 14.4
 100 8.9 7.6 11.4





#20

Pyrene

Concen: 0.453 ng/ul

RT: 19.228 min Scan# 3

Delta R.T. -0.015 min

Lab File: BM046324.D

Acq: 26 Jun 2024 11:31

Instrument :

BNA_M

ClientSampleId :

A4B85DL

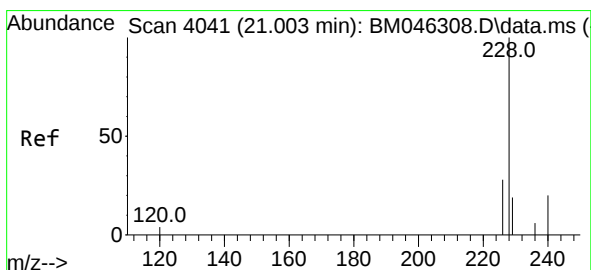
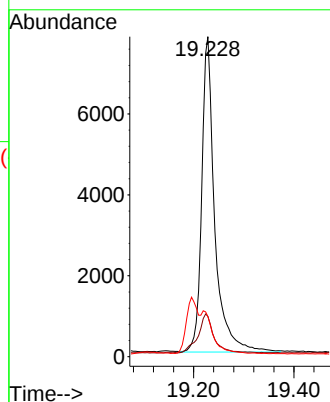
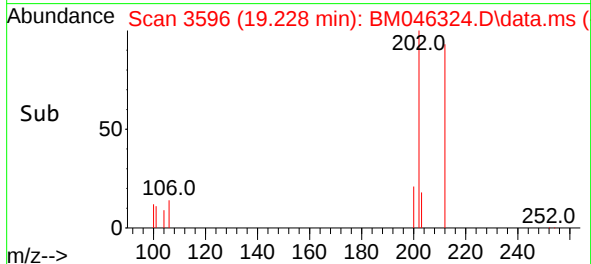
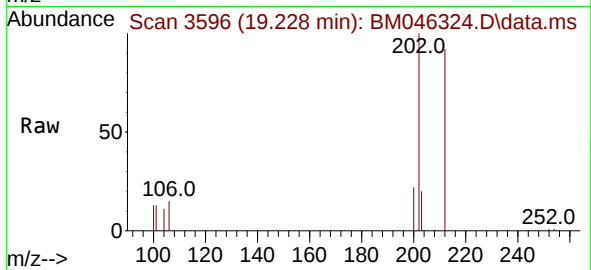
Tgt Ion:	202	Resp:	14054
Ion Ratio	Lower	Upper	
202	100		
101	12.6	11.3	16.9
100	12.6	9.8	14.6

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.254 ng/ul

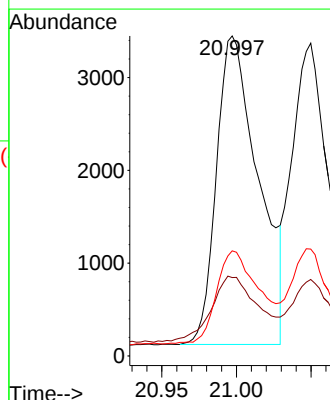
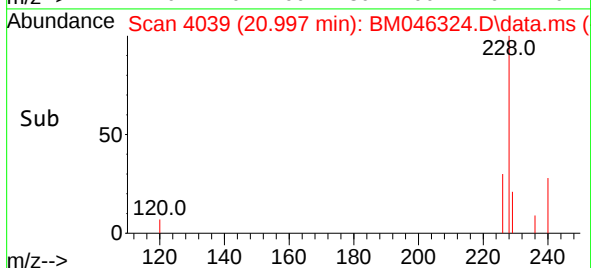
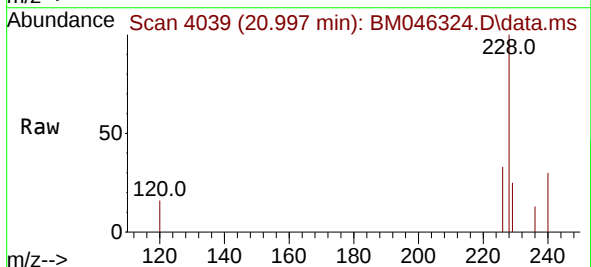
RT: 20.997 min Scan# 4039

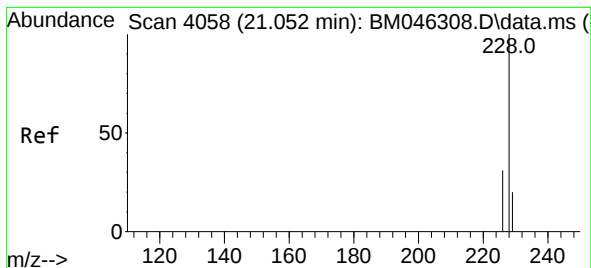
Delta R.T. -0.005 min

Lab File: BM046324.D

Acq: 26 Jun 2024 11:31

Tgt Ion:	228	Resp:	6493
Ion Ratio	Lower	Upper	
228	100		
229	24.5	16.4	24.6
226	32.9	23.4	35.2





#22

Chrysene

Concen: 0.183 ng/ul

RT: 21.050 min Scan# 4057

Delta R.T. -0.003 min

Lab File: BM046324.D

Acq: 26 Jun 2024 11:31

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ClientSampleId :

A4B85DL

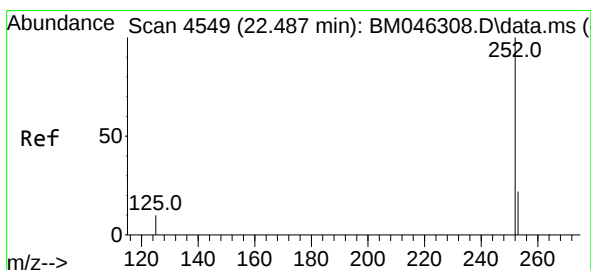
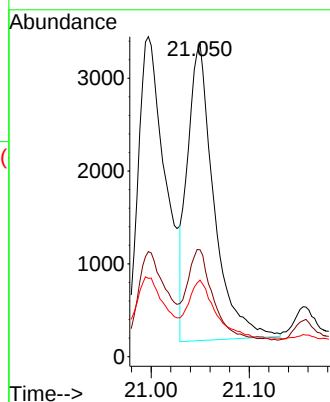
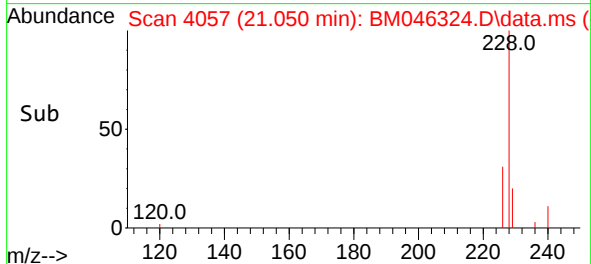
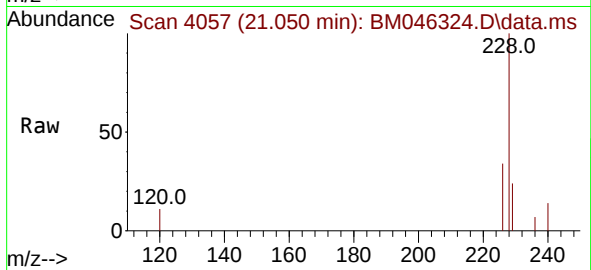
Tgt Ion:	228	Resp:	597
Ion Ratio	Lower	Upper	
228	100		
226	34.2	25.2	37.8
229	24.5	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#24

Benzo(b)fluoranthene

Concen: 0.272 ng/ul m

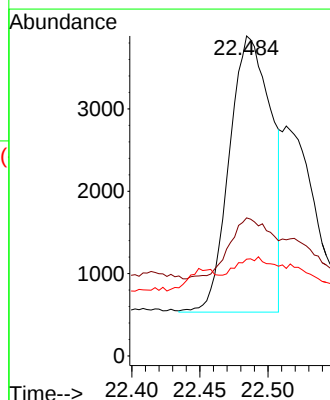
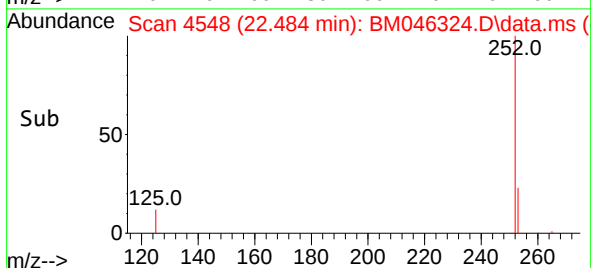
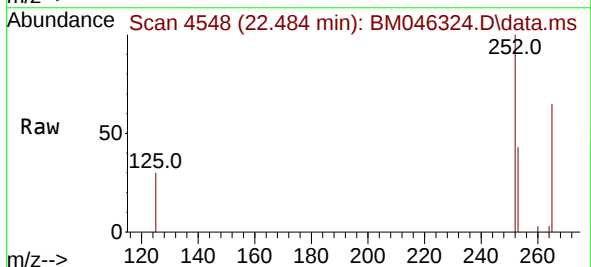
RT: 22.484 min Scan# 4548

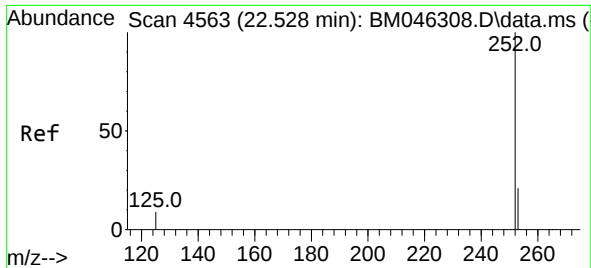
Delta R.T. -0.003 min

Lab File: BM046324.D

Acq: 26 Jun 2024 11:31

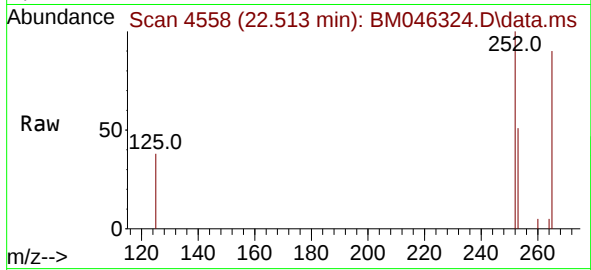
Tgt Ion:	252	Resp:	7131
Ion Ratio	Lower	Upper	
252	100		
253	43.1	0.0	65.8
125	30.3	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 22.513 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM046324.D
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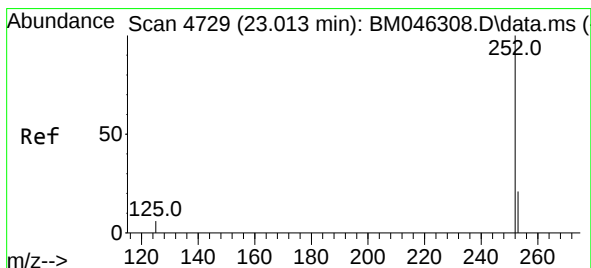
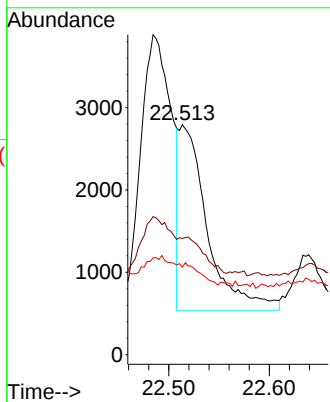
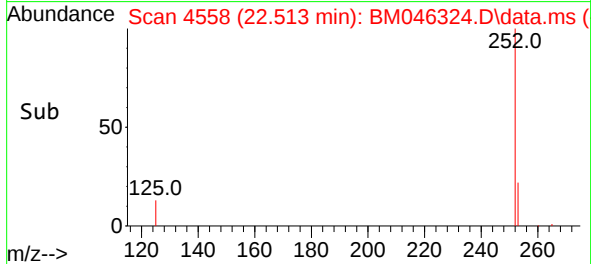
Instrument :
BNA_M
ClientSampleId :
A4B85DL



Tgt Ion:252 Resp: 4430
Ion Ratio Lower Upper
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253 50.5 27.2 40.8
125 38.1 16.6 25.0

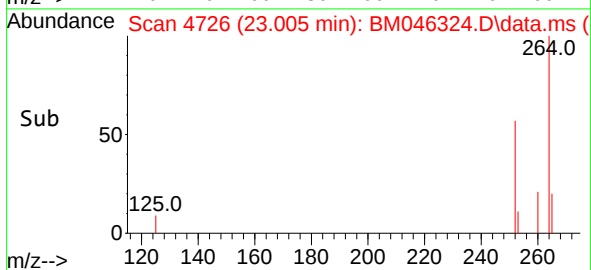
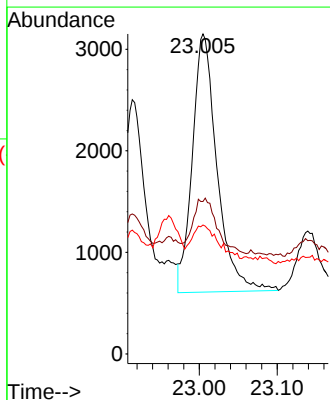
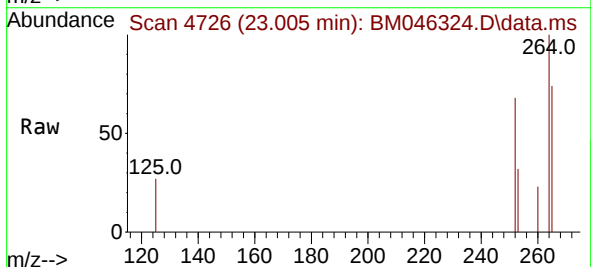
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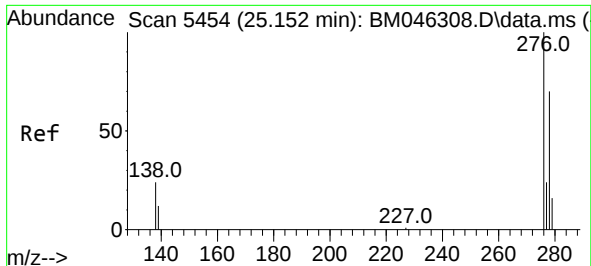
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.005 min Scan# 4726
Delta R.T. -0.008 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

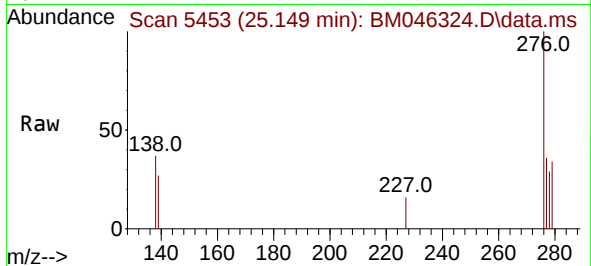
Tgt Ion:252 Resp: 5578
Ion Ratio Lower Upper
252 100
253 47.7 32.1 48.1
125 40.3 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul m
RT: 25.149 min Scan# 5453
Delta R.T. -0.003 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

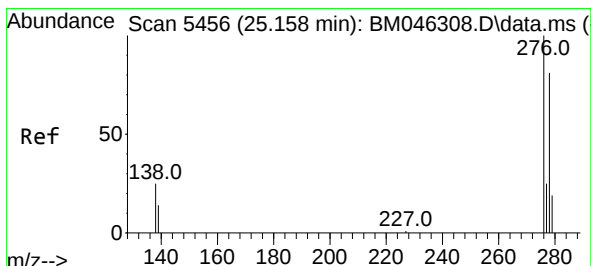
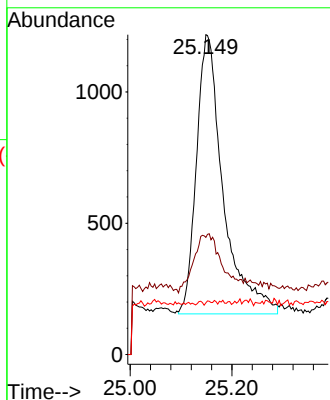
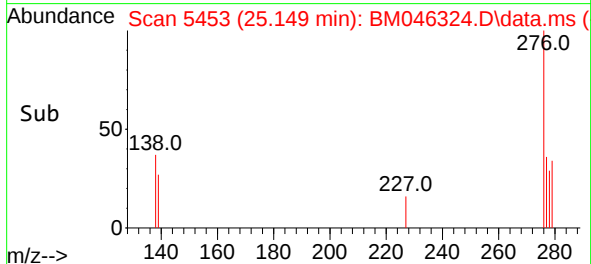
Instrument :
BNA_M
ClientSampleId :
A4B85DL



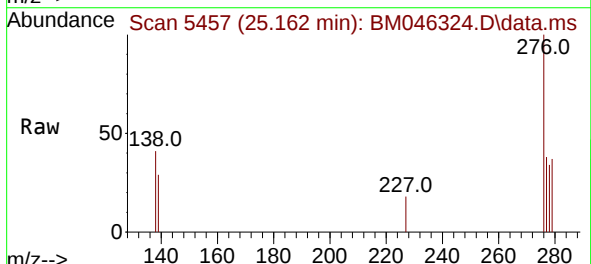
Tgt Ion:276 Resp: 3880
Ion Ratio Lower Upper
276 100
138 146.6 21.0 31.4#
227 0.0 0.0 0.0

Manual Integrations
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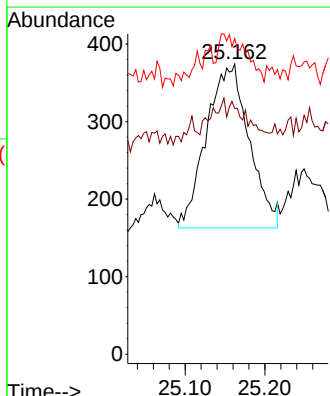
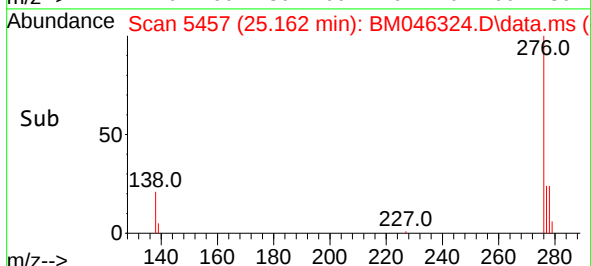
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

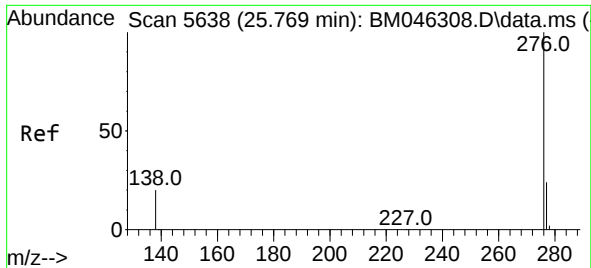


#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul m
RT: 25.162 min Scan# 5457
Delta R.T. 0.004 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31



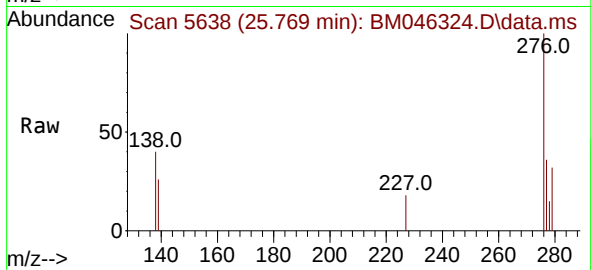
Tgt Ion:278 Resp: 786
Ion Ratio Lower Upper
278 100
139 84.8 17.6 26.4#
279 108.8 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 25.769 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM046324.D
Acq: 26 Jun 2024 11:31

Instrument :
BNA_M
ClientSampleId :
A4B85DL



Tgt Ion:276 Resp: 365
Ion Ratio Lower Upper
276 100
138 40.0 21.7 32.5
277 36.2 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

