

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045950.D
 Acq On : 10 Jun 2024 14:43
 Operator : MA/JU
 Sample : P2642-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B36

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 15:24:07 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	7.459	152	5492	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	17909	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	8918	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.844	188	17308m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	12849m	0.400	ng/ul	-0.01
23) Perylene-d12	23.145	264	13610m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	17903	2.862	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	4646	0.180	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	8157	0.212	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	1384	0.030	ng/ul#	78
7) 2-Methylnaphthalene	11.914	142	668	0.022	ng/ul	97
10) Acenaphthylene	13.821	152	3366	0.083	ng/ul#	93
11) Acenaphthene	14.168	153	1833	0.062	ng/ul	96
12) Fluorene	15.158	166	2407	0.072	ng/ul#	98
15) Phenanthrene	16.887	178	37963m	0.781	ng/ul	
16) Anthracene	16.980	178	9681m	0.234	ng/ul	
19) Fluoranthene	18.908	202	72163	1.408	ng/ul	97
20) Pyrene	19.270	202	65634	1.228	ng/ul	98
21) Benzo(a)anthracene	21.024	228	33651	0.713	ng/ul	96
22) Chrysene	21.076	228	35982	0.701	ng/ul	98
24) Benzo(b)fluoranthene	22.525	252	49639m	1.100	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	15860m	0.320	ng/ul	
26) Benzo(a)pyrene	23.052	252	32347m	0.721	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.206	276	25238	0.435	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.212	278	5750	0.124	ng/ul#	71
29) Benzo(g,h,i)perylene	25.833	276	24831	0.496	ng/ul	99

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

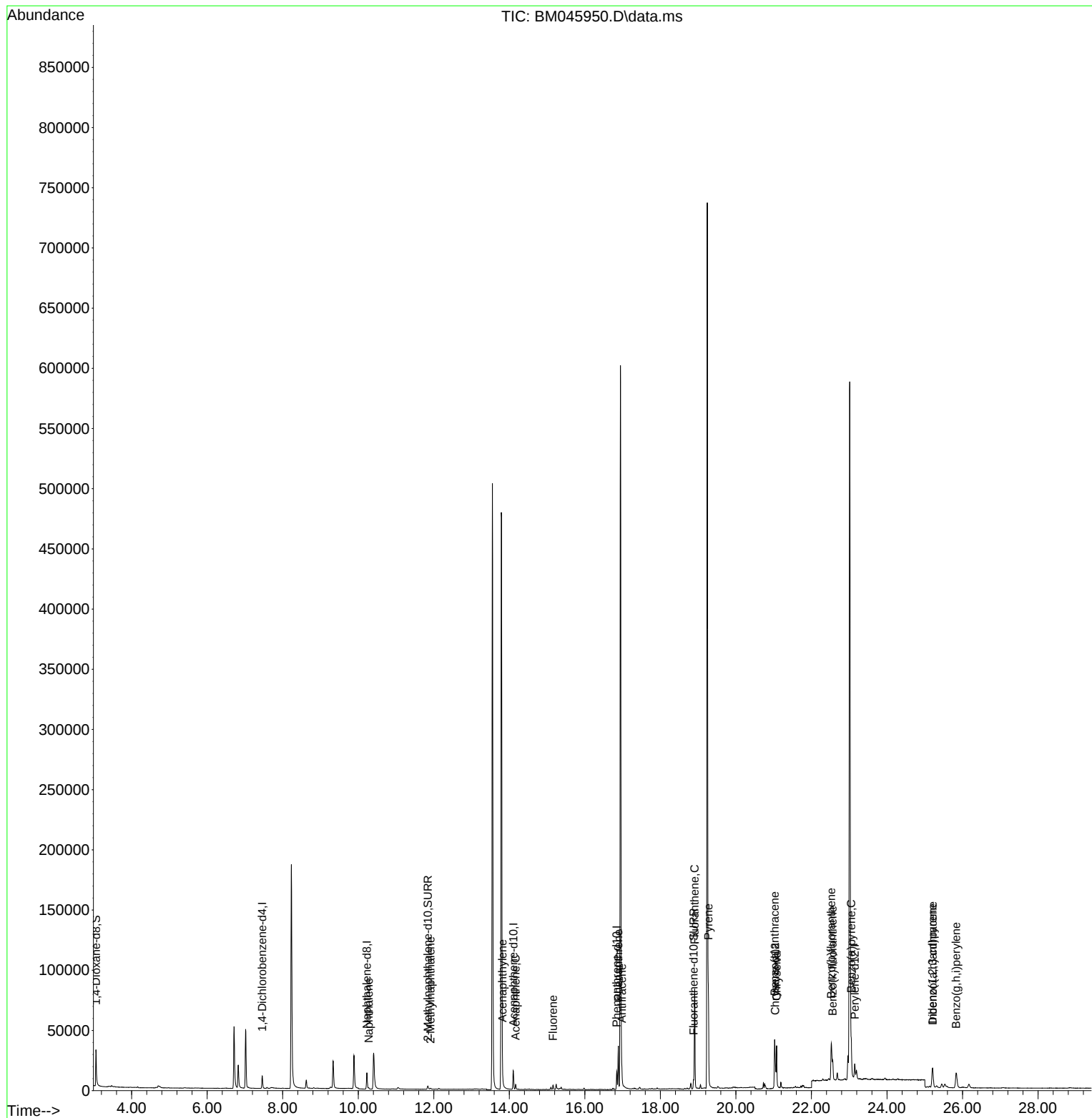
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045950.D
Acq On : 10 Jun 2024 14:43
Operator : MA/JU
Sample : P2642-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

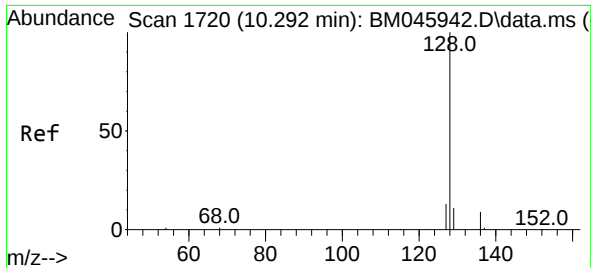
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Supervised By :mohammad ahmed 06/13/2024

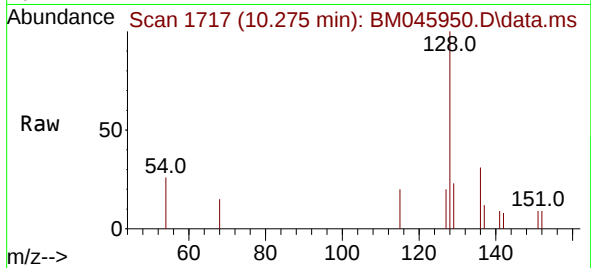
Quant Time: Jun 10 15:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.028 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

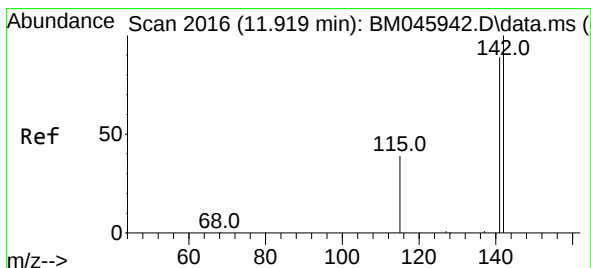
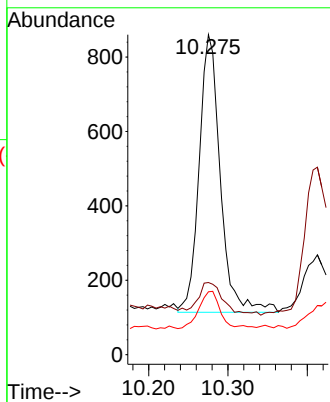
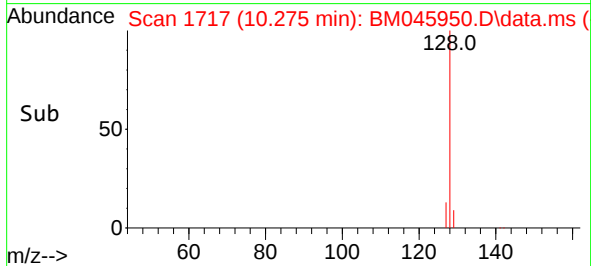
Instrument :
BNA_M
ClientSampleId :
A4B36



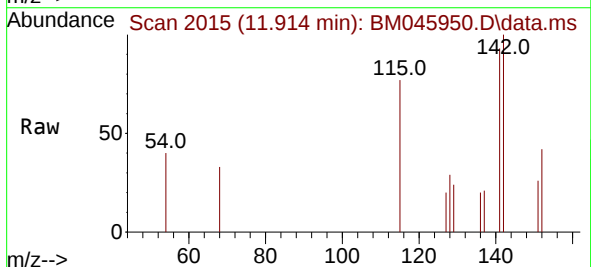
Tgt Ion:128 Resp: 1384
Ion Ratio Lower Upper
128 100
129 22.6 9.4 14.0
127 19.7 10.6 15.8

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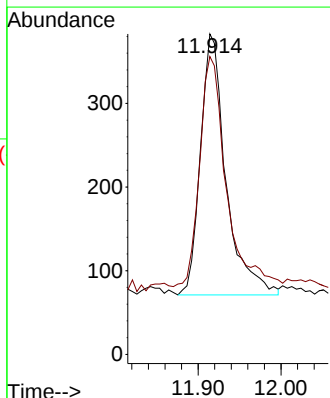
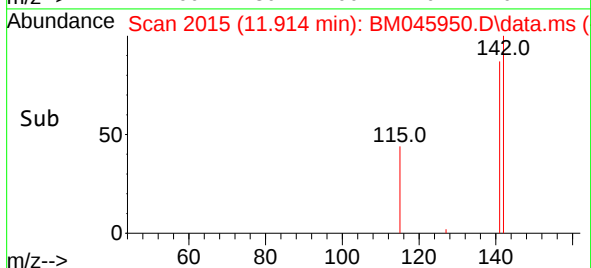
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

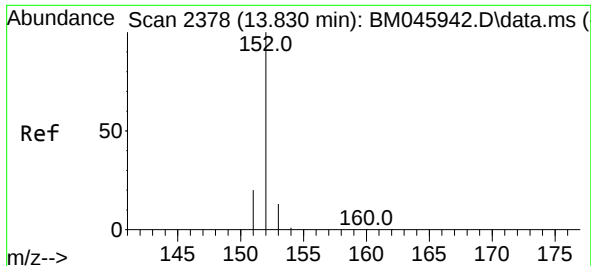


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43



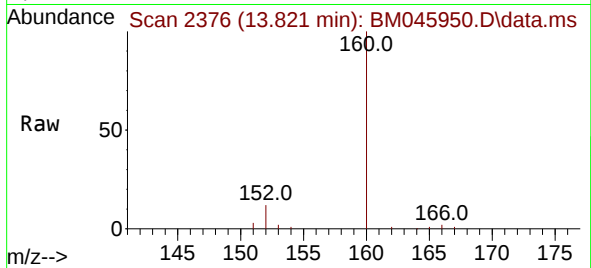
Tgt Ion:142 Resp: 668
Ion Ratio Lower Upper
142 100
141 92.7 72.2 108.4





#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.821 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

Instrument :
BNA_M
ClientSampleId :
A4B36

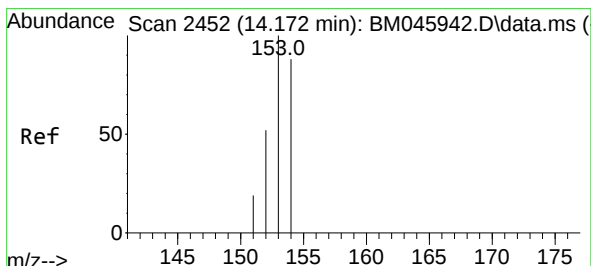
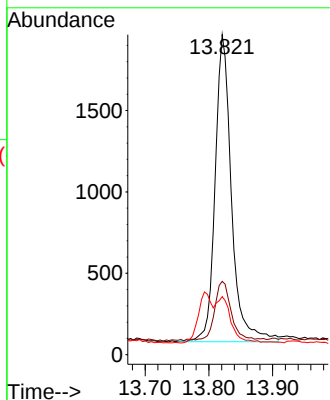
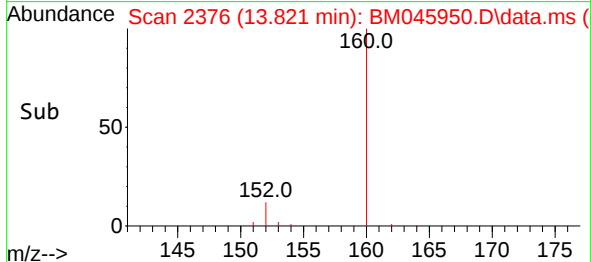


Tgt Ion:152 Resp: 3360

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.4	24.6
153	18.2	11.1	16.7

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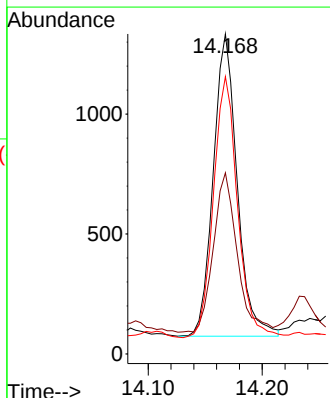
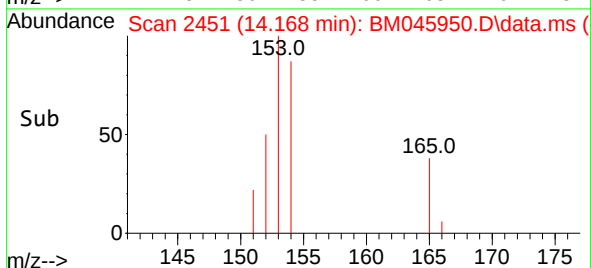
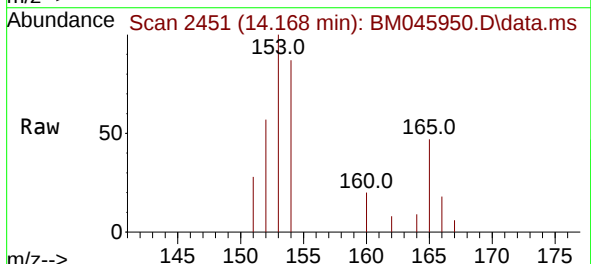
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

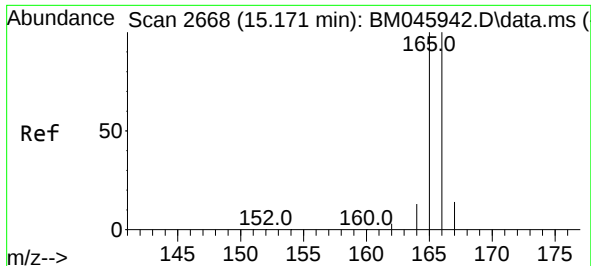


#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

Tgt Ion:153 Resp: 1833

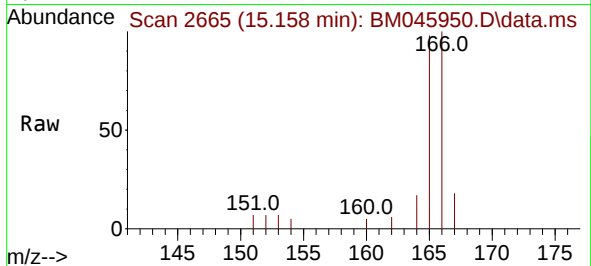
Ion	Ratio	Lower	Upper
153	100		
152	56.6	39.0	58.4
154	86.7	69.4	104.2





#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.158 min Scan# 210
Delta R.T. -0.019 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

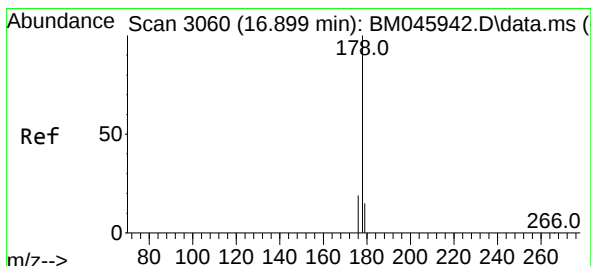
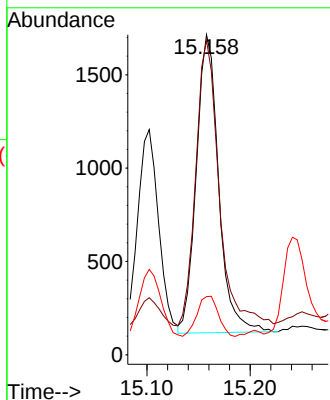
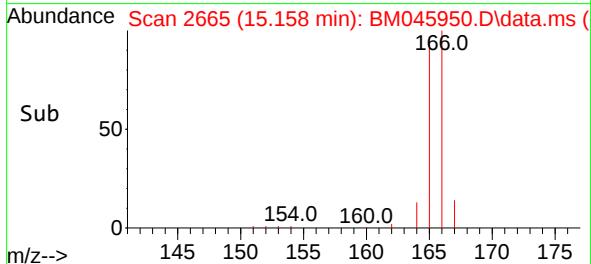
Instrument :
BNA_M
ClientSampleId :
A4B36



Tgt Ion:166 Resp: 240
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 18.2 11.3 16.9

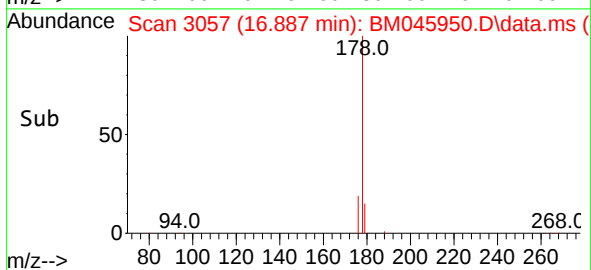
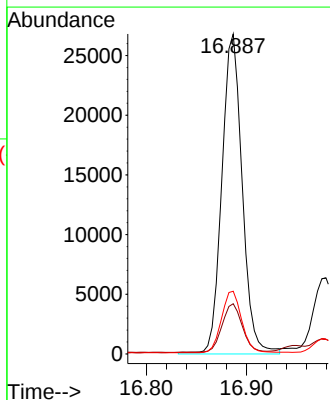
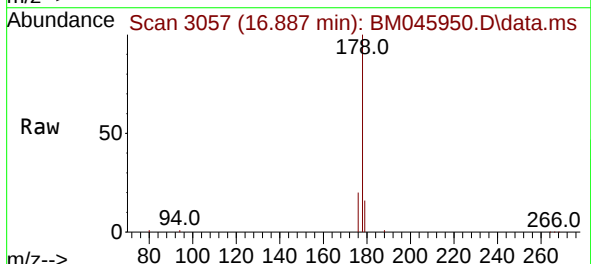
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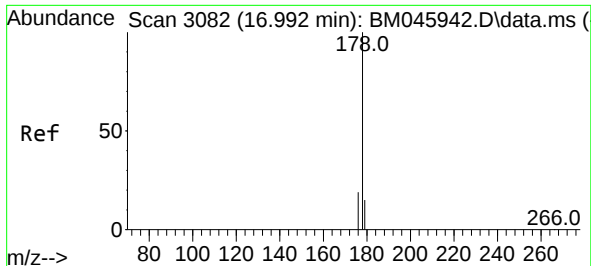
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#15
Phenanthrene
Concen: 0.781 ng/ul m
RT: 16.887 min Scan# 3057
Delta R.T. -0.017 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

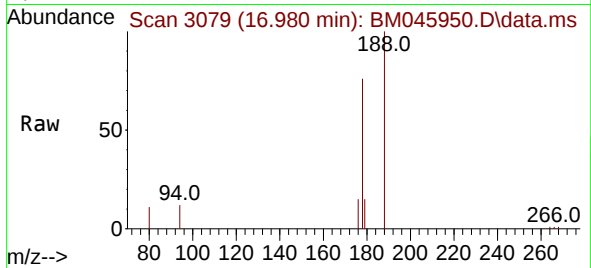
Tgt Ion:178 Resp: 37963
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.234 ng/ul m
 RT: 16.980 min Scan# 3082
 Delta R.T. -0.017 min
 Lab File: BM045950.D
 Acq: 10 Jun 2024 14:43

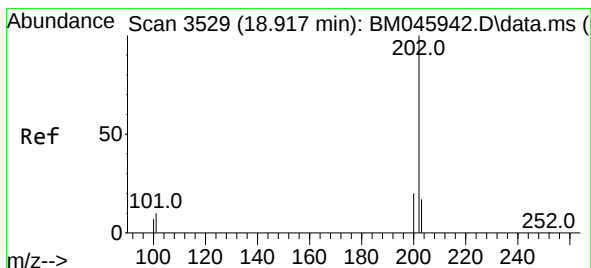
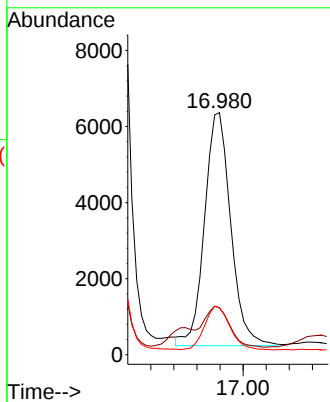
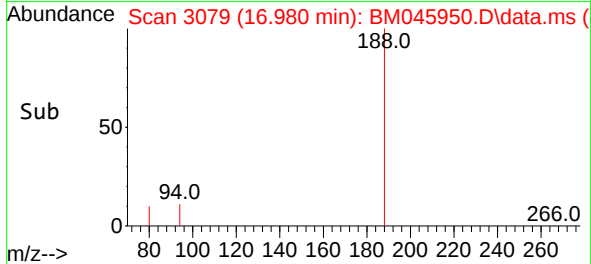
Instrument :
 BNA_M
 ClientSampleId :
 A4B36



Tgt Ion:178 Resp: 968
 Ion Ratio Lower Upper
 178 100
 179 19.2 13.1 19.7
 176 19.5 15.5 23.3

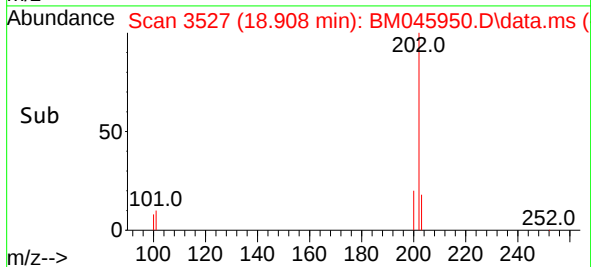
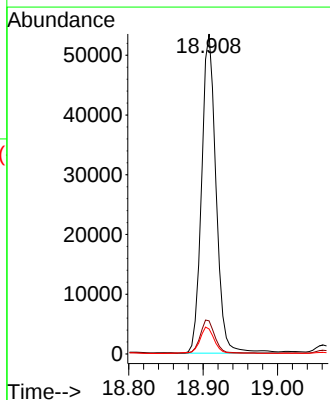
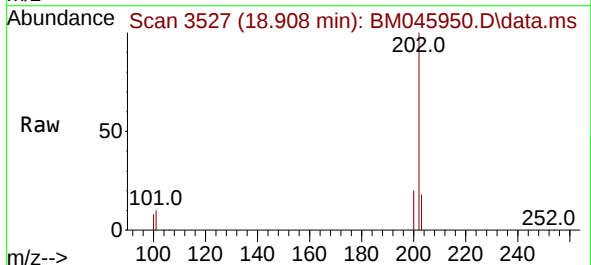
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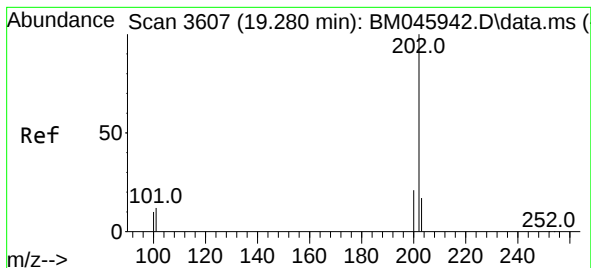
Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024



#19
 Fluoranthene
 Concen: 1.408 ng/ul
 RT: 18.908 min Scan# 3527
 Delta R.T. -0.014 min
 Lab File: BM045950.D
 Acq: 10 Jun 2024 14:43

Tgt Ion:202 Resp: 72163
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.0 13.6
 100 7.8 7.0 10.6





#20

Pyrene

Concen: 1.228 ng/ul

RT: 19.270 min Scan# 30

Delta R.T. -0.014 min

Lab File: BM045950.D

Acq: 10 Jun 2024 14:43

Instrument :

BNA_M

ClientSampleId :

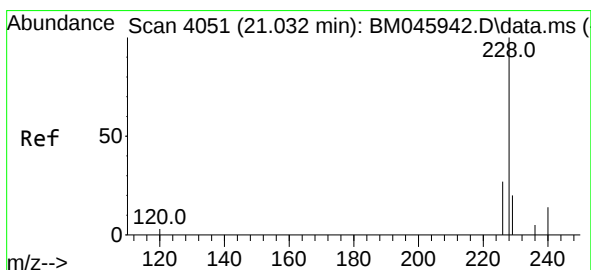
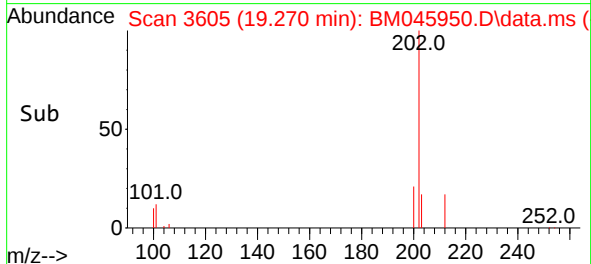
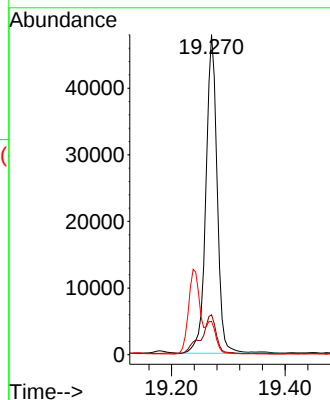
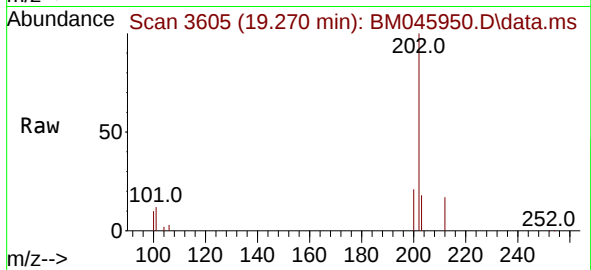
A4B36

Tgt Ion:	202	Resp:	65634
Ion	Ratio	Lower	Upper
202	100		
101	12.5	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: 0.713 ng/ul

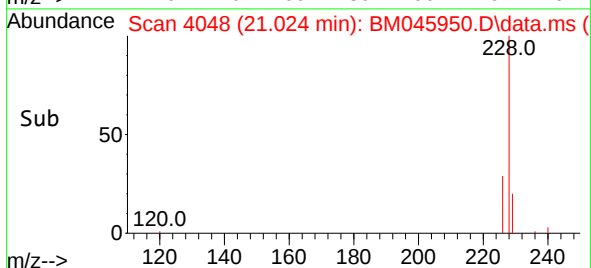
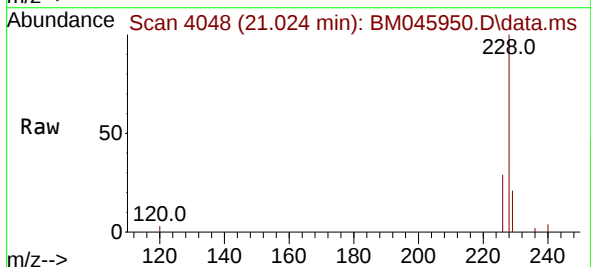
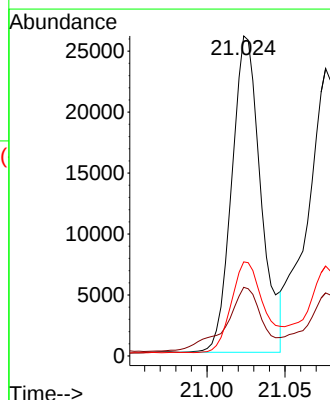
RT: 21.024 min Scan# 4048

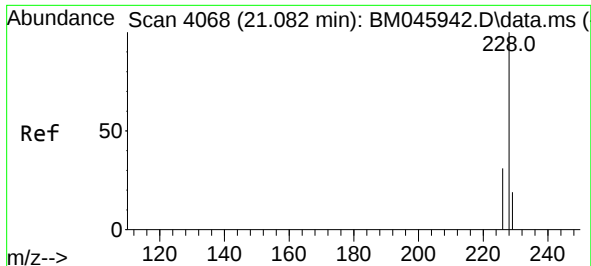
Delta R.T. -0.012 min

Lab File: BM045950.D

Acq: 10 Jun 2024 14:43

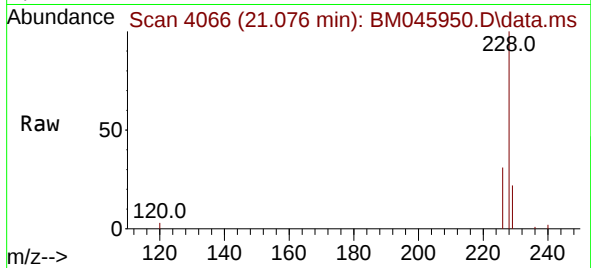
Tgt Ion:	228	Resp:	33651
Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	29.4	22.0	33.0





#22
Chrysene
Concen: 0.701 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

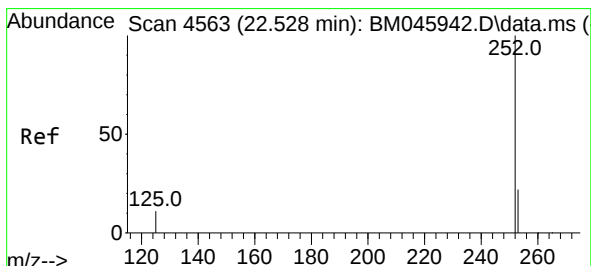
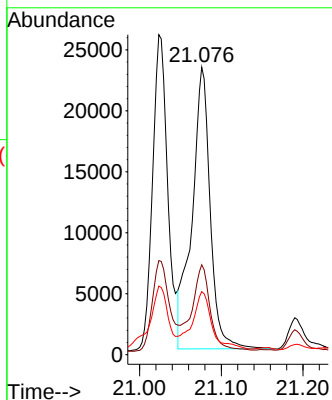
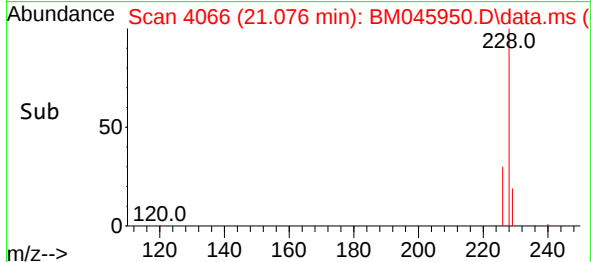
Instrument :
BNA_M
ClientSampleId :
A4B36



Tgt Ion:228 Resp: 3598
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 21.9 16.2 24.2

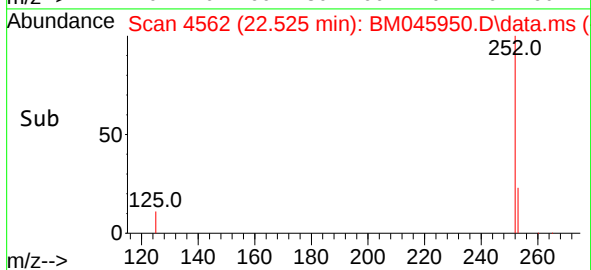
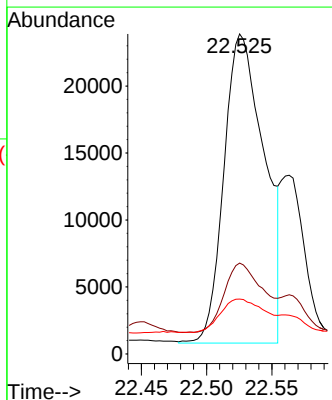
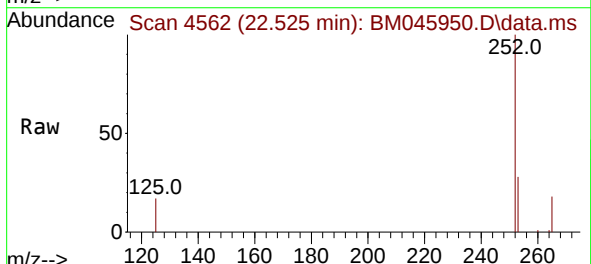
Manual Integrations
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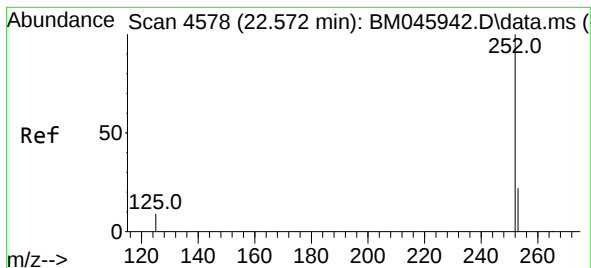
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#24
Benzo(b)fluoranthene
Concen: 1.100 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

Tgt Ion:252 Resp: 49639
Ion Ratio Lower Upper
252 100
253 28.4 0.0 63.6
125 17.2 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.320 ng/ul m

RT: 22.563 min Scan# 4575

Delta R.T. -0.018 min

Lab File: BM045950.D

Acq: 10 Jun 2024 14:43

Instrument :

BNA_M

ClientSampleId :

A4B36

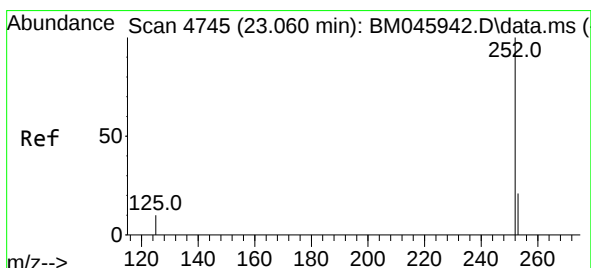
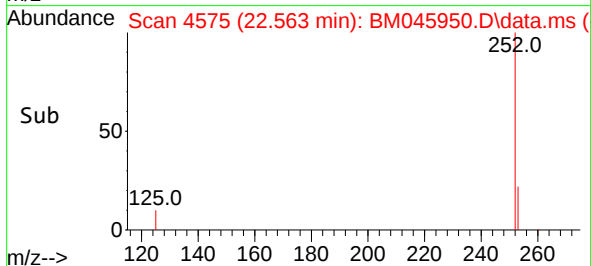
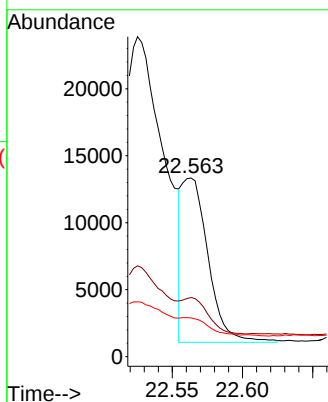
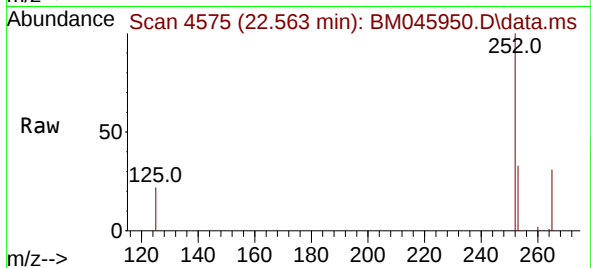
Tgt Ion:252 Resp: 15860

Ion	Ratio	Lower	Upper
252	100		
253	33.1	25.0	37.6
125	21.7	14.2	21.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#26

Benzo(a)pyrene

Concen: 0.721 ng/ul m

RT: 23.052 min Scan# 4742

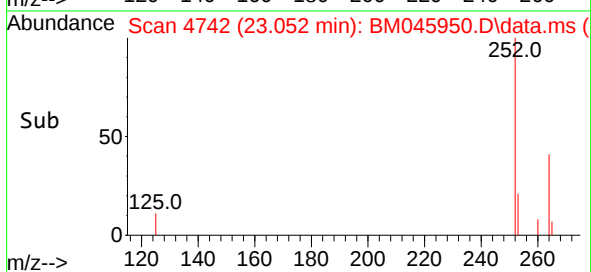
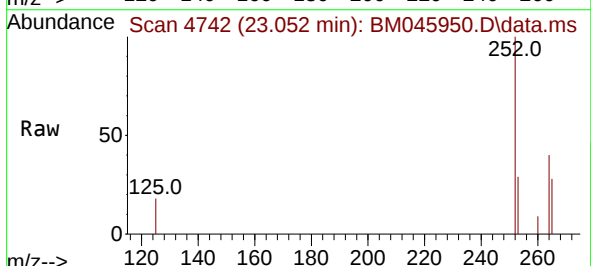
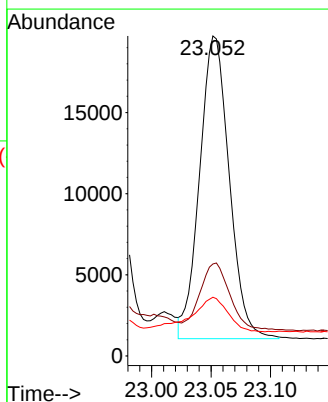
Delta R.T. -0.020 min

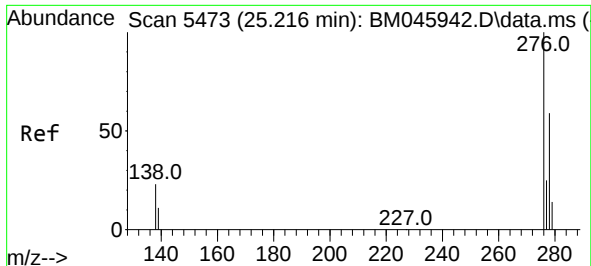
Lab File: BM045950.D

Acq: 10 Jun 2024 14:43

Tgt Ion:252 Resp: 32347

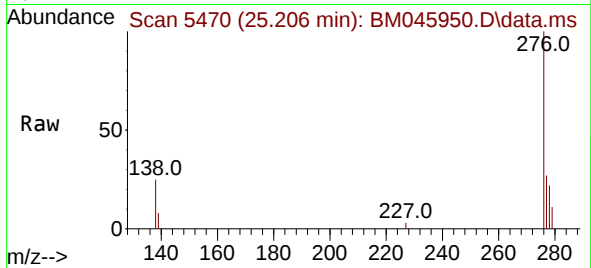
Ion	Ratio	Lower	Upper
252	100		
253	28.7	28.8	43.2
125	18.3	17.3	25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 25.206 min Scan# 5470
Delta R.T. -0.026 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

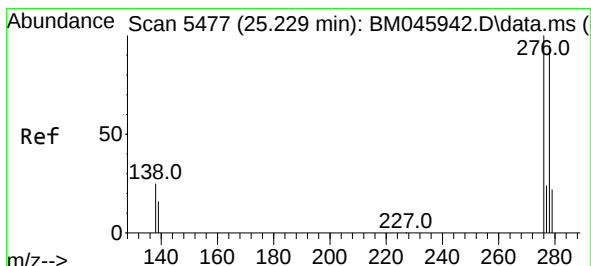
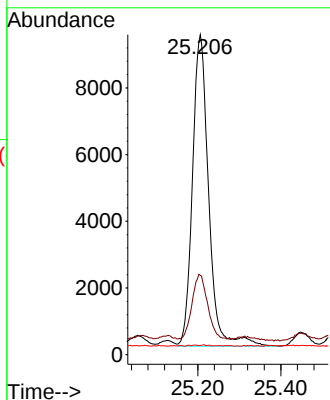
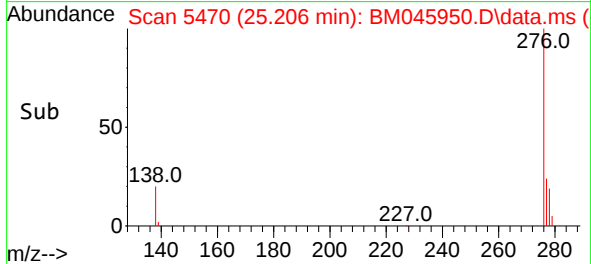
Instrument :
BNA_M
ClientSampleId :
A4B36



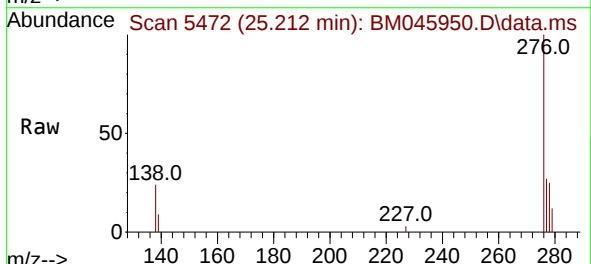
Tgt Ion: 276 Resp: 25238
Ion Ratio Lower Upper
276 100
138 20.5 20.7 31.1
227 0.2 0.2 0.2

Manual Integrations
APPROVED

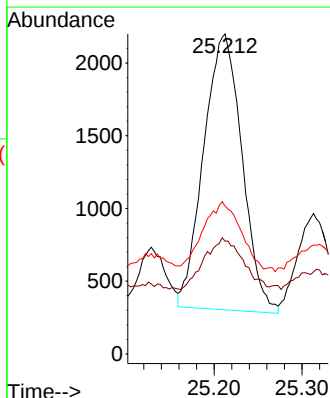
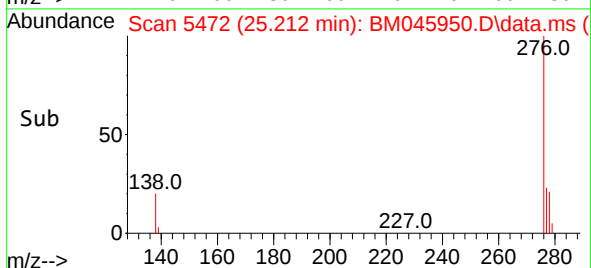
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

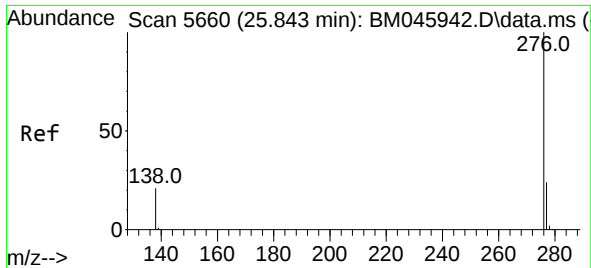


#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.036 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43



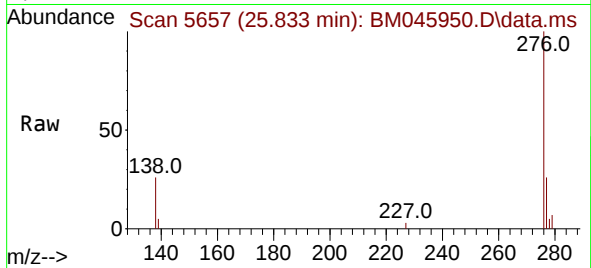
Tgt Ion: 278 Resp: 5750
Ion Ratio Lower Upper
278 100
139 35.2 16.6 25.0#
279 46.3 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.496 ng/ul
RT: 25.833 min Scan# 50
Delta R.T. -0.030 min
Lab File: BM045950.D
Acq: 10 Jun 2024 14:43

Instrument :
BNA_M
ClientSampleId :
A4B36



Tgt Ion:276 Resp: 2483
Ion Ratio Lower Upper
276 100
138 25.9 21.0 31.4
277 26.1 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

