

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045936.D
 Acq On : 09 Jun 2024 03:47
 Operator : MA/JU
 Sample : P2640-17DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:31:46 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	7.463	152	5779	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	18474	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9544	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	17594	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	13951	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	15751m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5723	0.869	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	1321	0.050	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	2277	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.286	128	2343	0.049	ng/ul#	89
7) 2-Methylnaphthalene	11.925	142	1153	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.139	142	1052	0.031	ng/ul	97
10) Acenaphthylene	13.825	152	5458	0.126	ng/ul	97
11) Acenaphthene	14.172	153	2532	0.079	ng/ul	97
12) Fluorene	15.162	166	3440	0.096	ng/ul	97
15) Phenanthrene	16.895	178	54992	1.113	ng/ul	99
16) Anthracene	16.984	178	10869	0.258	ng/ul	97
19) Fluoranthene	18.912	202	88247	1.586	ng/ul	97
20) Pyrene	19.275	202	80812	1.393	ng/ul	96
21) Benzo(a)anthracene	21.026	228	38643	0.755	ng/ul	97
22) Chrysene	21.076	228	41840	0.750	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	56356m	1.079	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	20749m	0.361	ng/ul	
26) Benzo(a)pyrene	23.054	252	41723m	0.803	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.209	276	31472	0.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.216	278	7038	0.131	ng/ul#	79
29) Benzo(g,h,i)perylene	25.843	276	33793	0.583	ng/ul	98

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

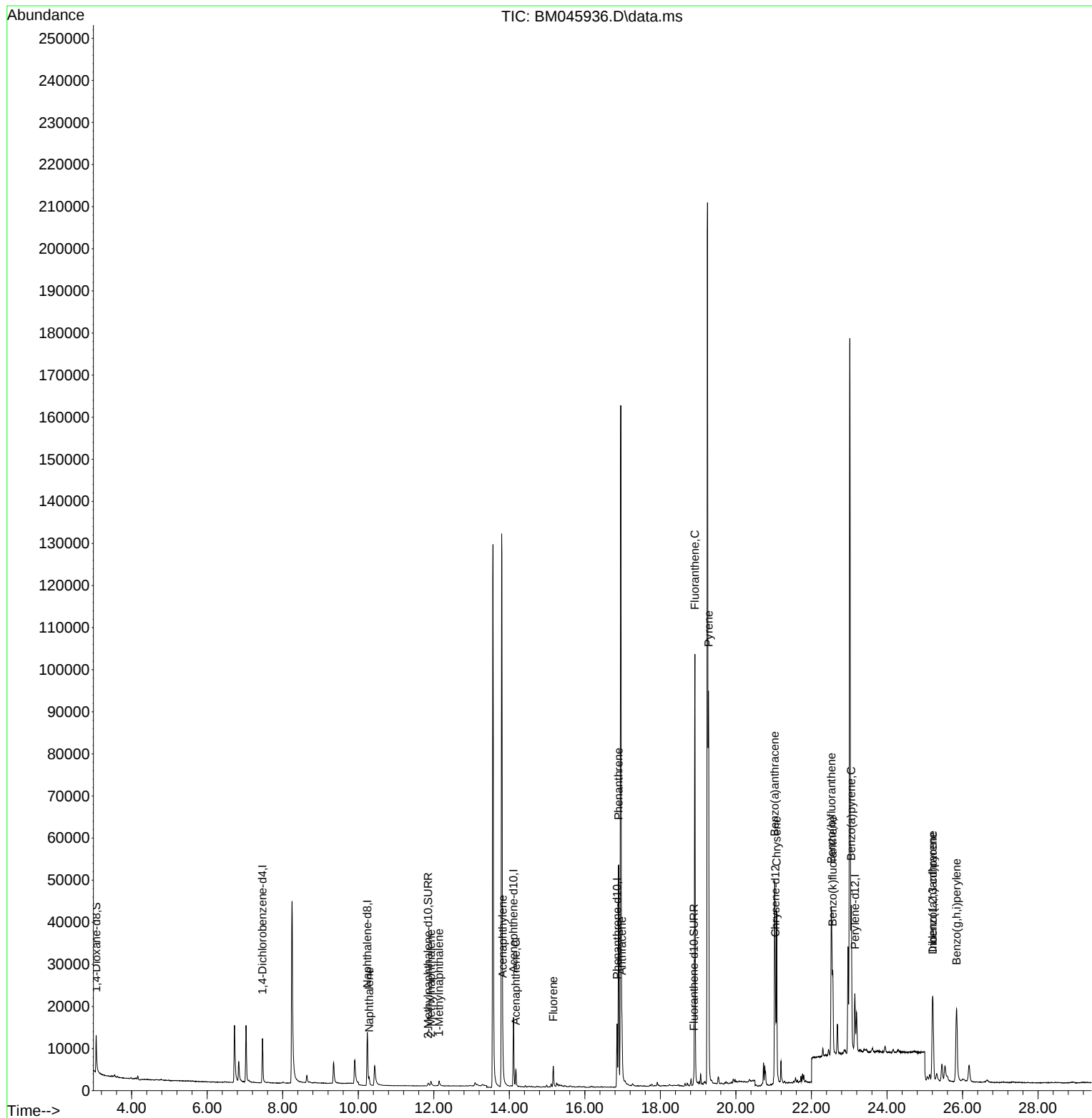
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
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ALS Vial : 65 Sample Multiplier: 1

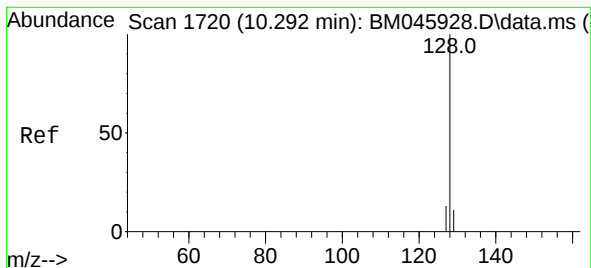
Instrument :
BNA_M
ClientSampleId :
A4C41DL

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Supervised By :mohammad ahmed 06/13/2024

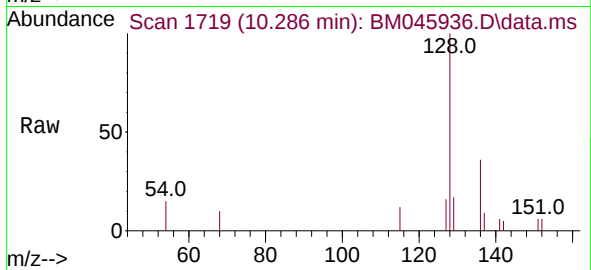
Quant Time: Jun 10 01:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

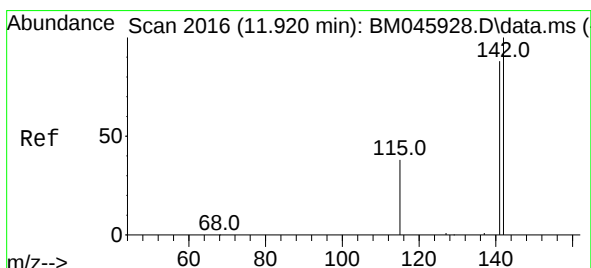
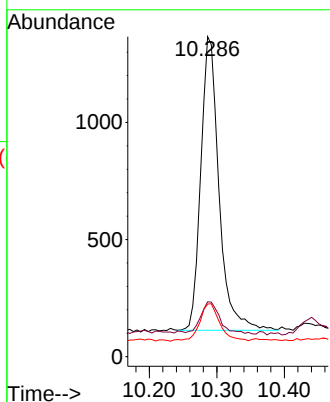
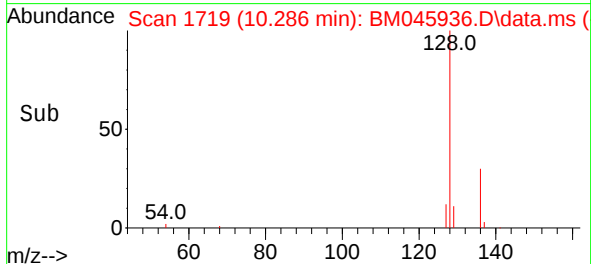
Instrument :
BNA_M
ClientSampleId :
A4C41DL



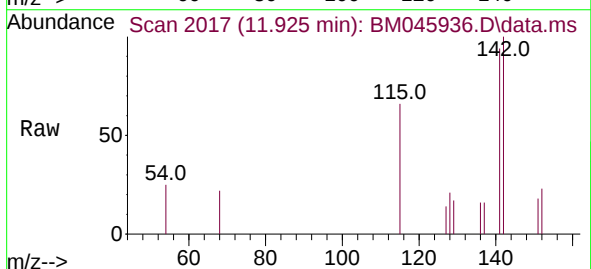
Tgt Ion:128 Resp: 234
Ion Ratio Lower Upper
128 100
129 17.1 9.4 14.0
127 16.5 10.6 15.8

Manual Integrations
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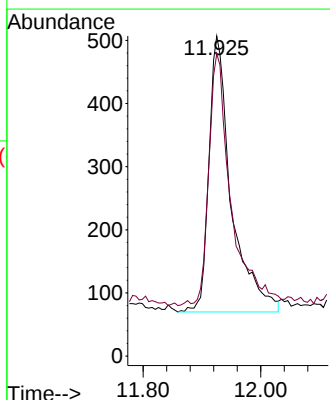
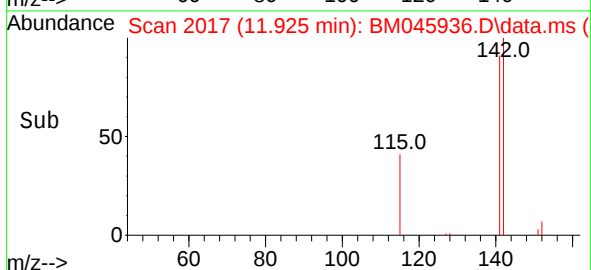
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

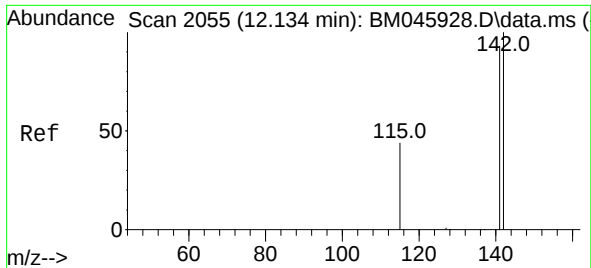


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47



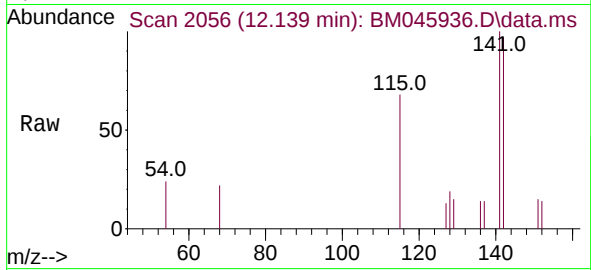
Tgt Ion:142 Resp: 1153
Ion Ratio Lower Upper
142 100
141 88.0 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

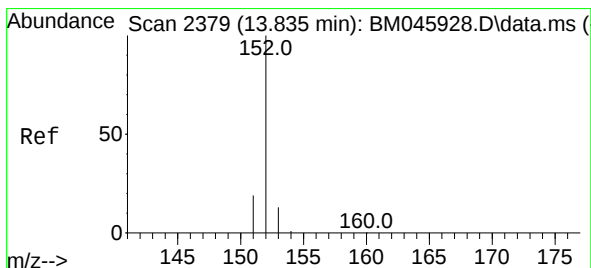
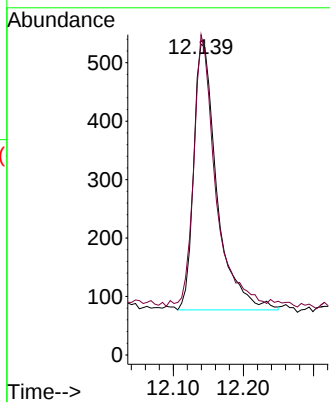
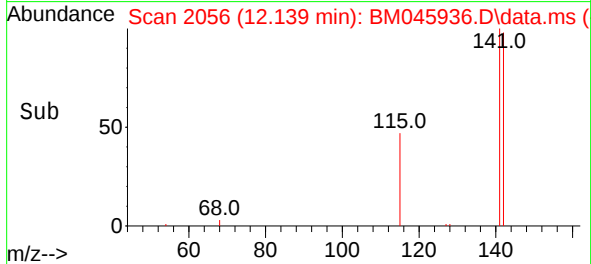
Instrument :
BNA_M
ClientSampleId :
A4C41DL



Tgt Ion:142 Resp: 1052
Ion Ratio Lower Upper
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141 94.3 73.5 110.3

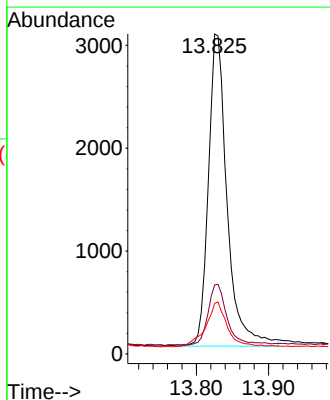
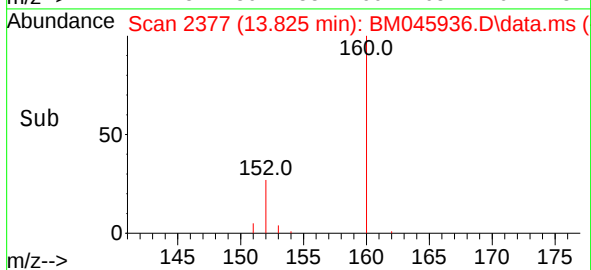
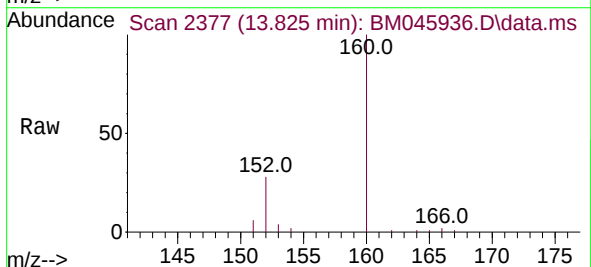
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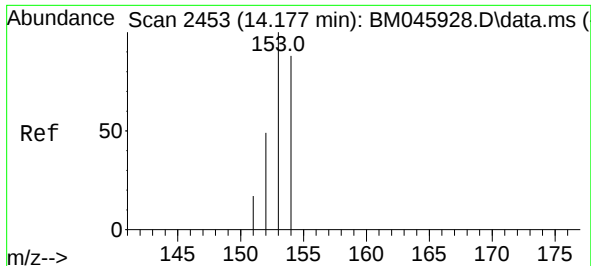
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.126 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.014 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

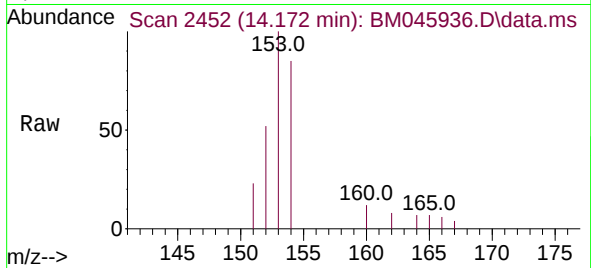
Tgt Ion:152 Resp: 5458
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 15.8 11.1 16.7





#11
Acenaphthene
Concen: 0.079 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

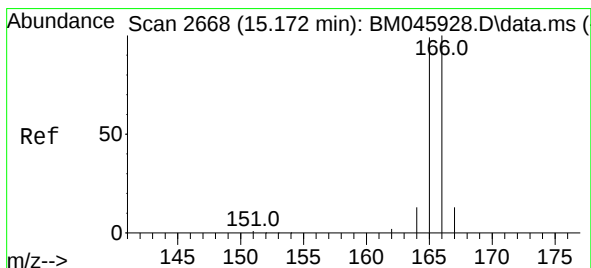
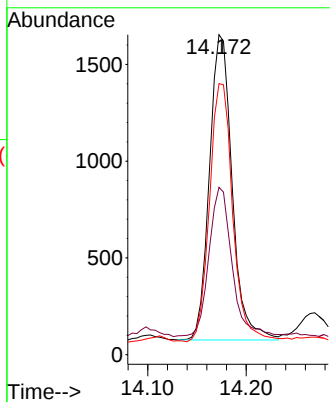
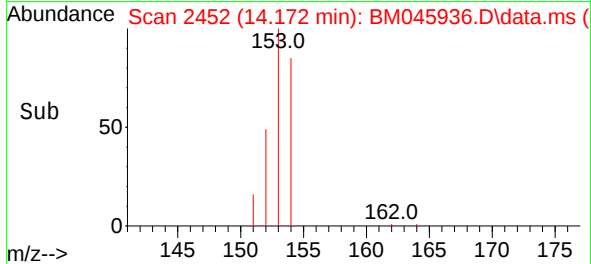
Instrument :
BNA_M
ClientSampleId :
A4C41DL



Tgt Ion:153 Resp: 253
Ion Ratio Lower Upper
153 100
152 52.3 39.0 58.4
154 84.7 69.4 104.2

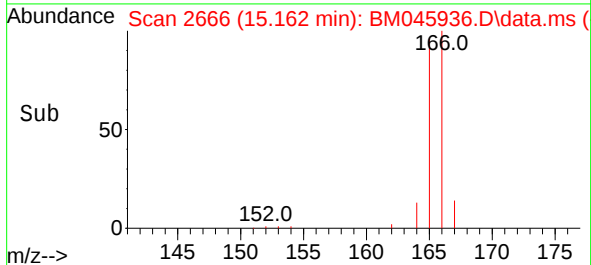
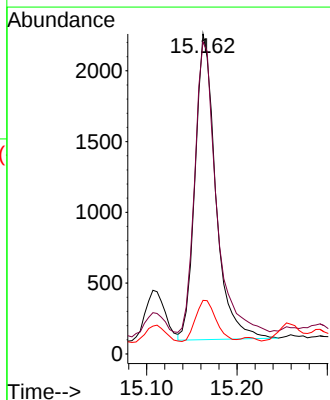
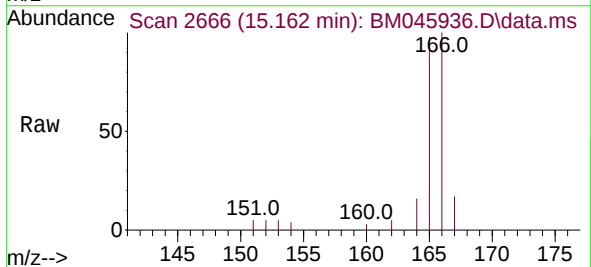
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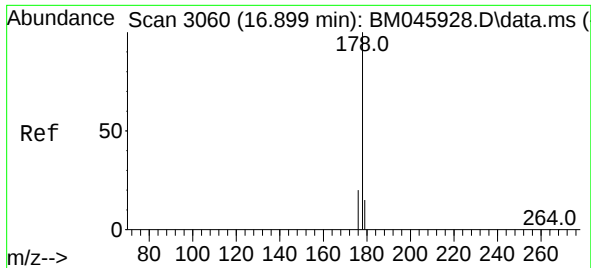
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

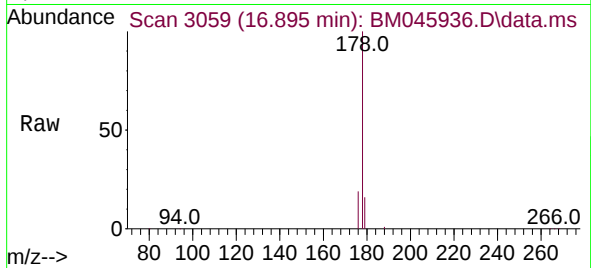
Tgt Ion:166 Resp: 3440
Ion Ratio Lower Upper
166 100
165 97.5 79.7 119.5
167 16.7 11.3 16.9





#15
Phenanthrene
Concen: 1.113 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.008 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

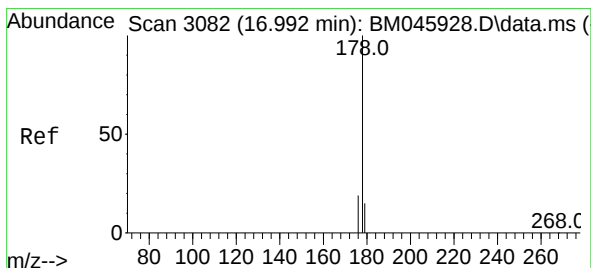
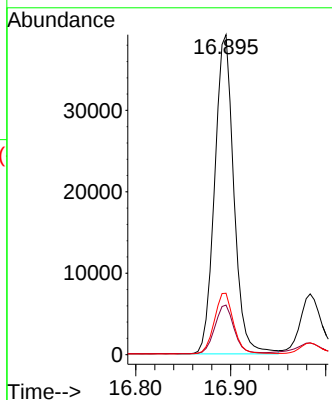
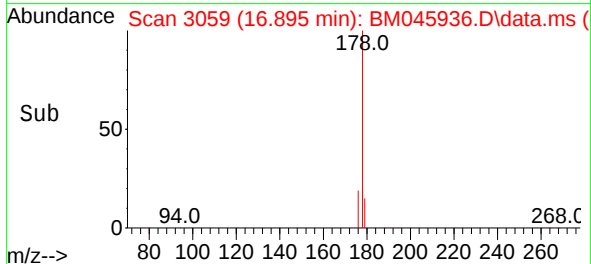
Instrument :
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ClientSampleId :
A4C41DL



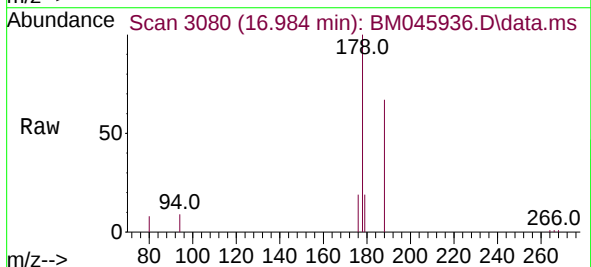
Tgt Ion:178 Resp: 54992
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 15.6 23.4

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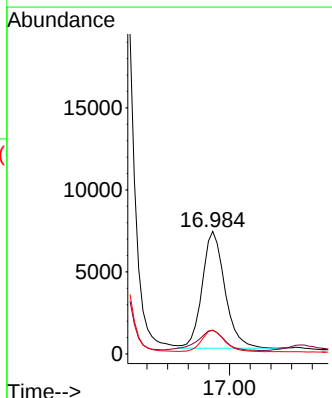
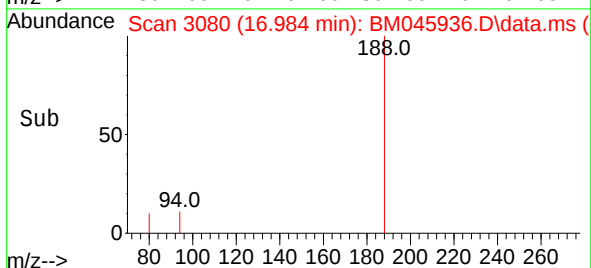
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

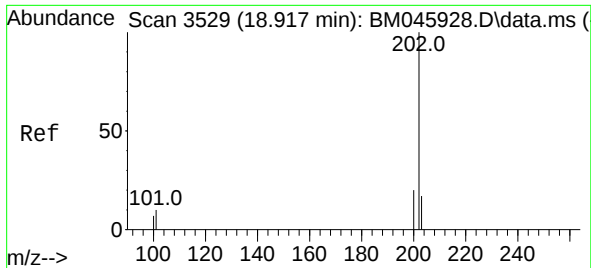


#16
Anthracene
Concen: 0.258 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47



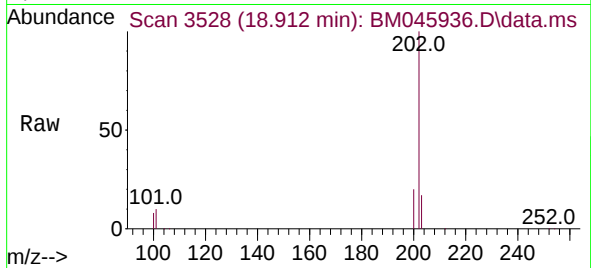
Tgt Ion:178 Resp: 10869
Ion Ratio Lower Upper
178 100
179 19.3 13.1 19.7
176 19.4 15.5 23.3





#19
Fluoranthene
Concen: 1.586 ng/ul
RT: 18.912 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

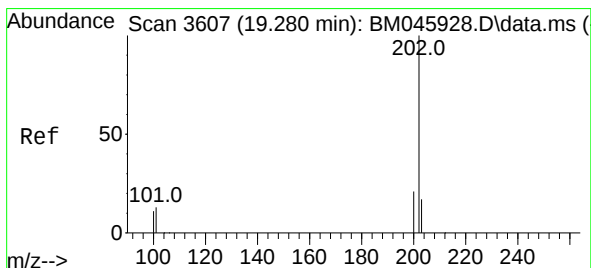
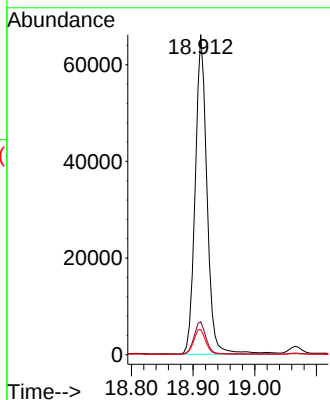
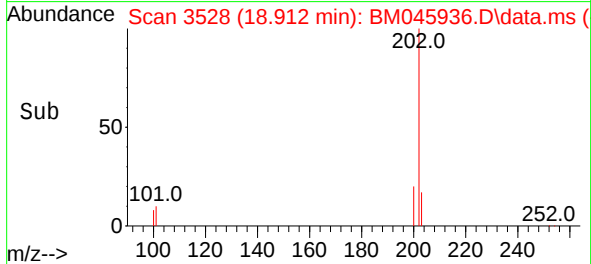
Instrument :
BNA_M
ClientSampleId :
A4C41DL



Tgt Ion:202 Resp: 8824
Ion Ratio Lower Upper
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101 10.3 9.0 13.6
100 7.9 7.0 10.6

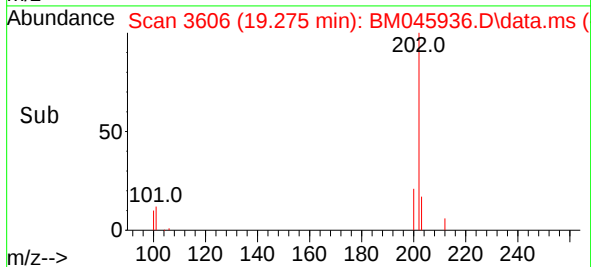
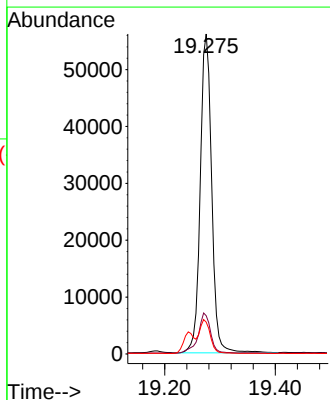
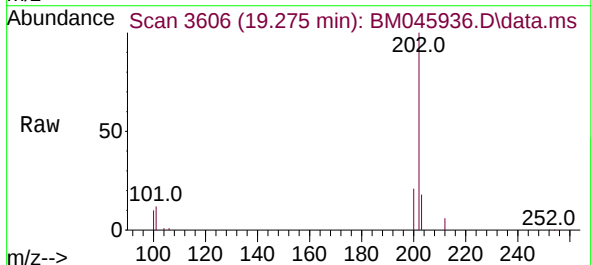
Manual Integrations
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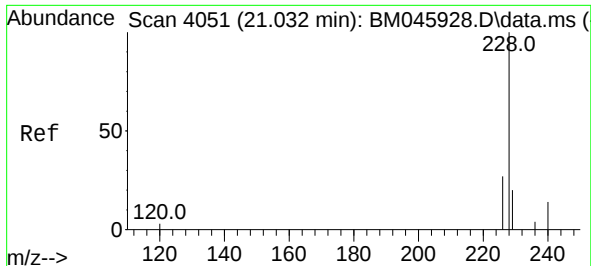
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 1.393 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

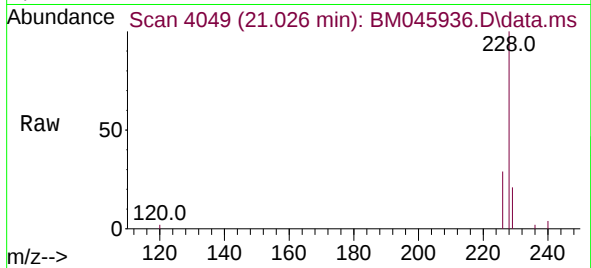
Tgt Ion:202 Resp: 80812
Ion Ratio Lower Upper
202 100
101 12.0 10.6 16.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.755 ng/ul
RT: 21.026 min Scan# 4051
Delta R.T. -0.009 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

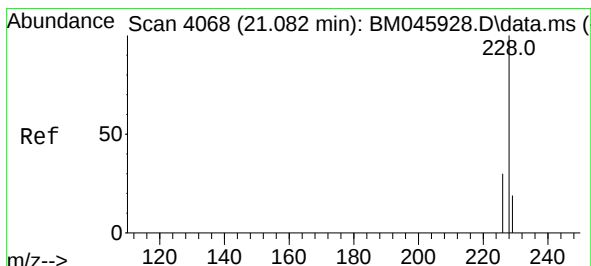
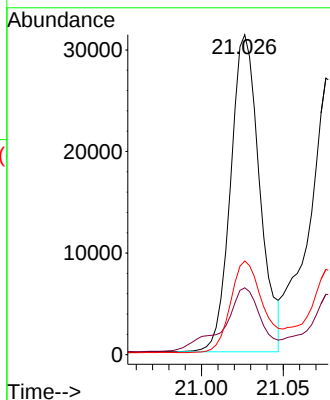
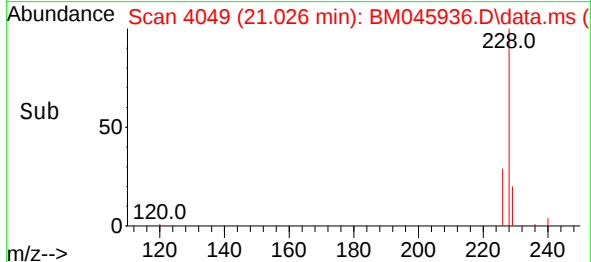
Instrument :
BNA_M
ClientSampleId :
A4C41DL



Tgt Ion:228 Resp: 3864
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 29.3 22.0 33.0

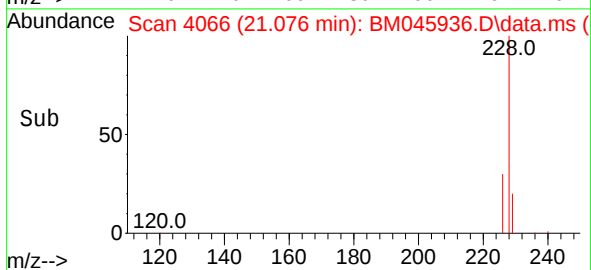
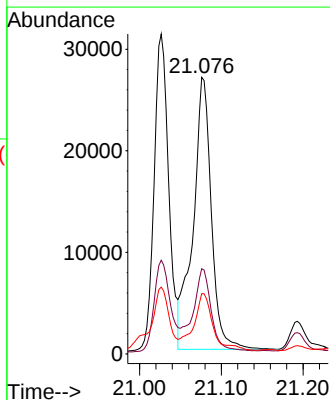
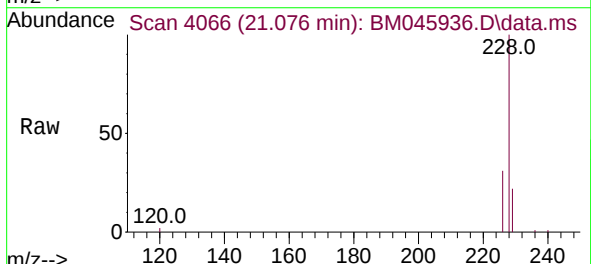
Manual Integrations
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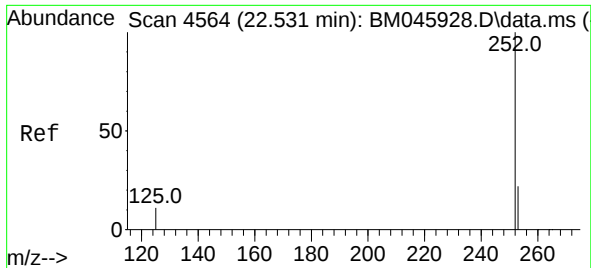
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.750 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

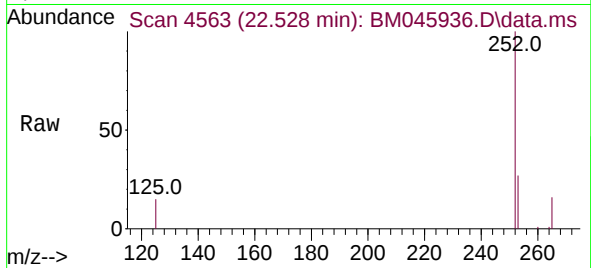
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Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.079 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

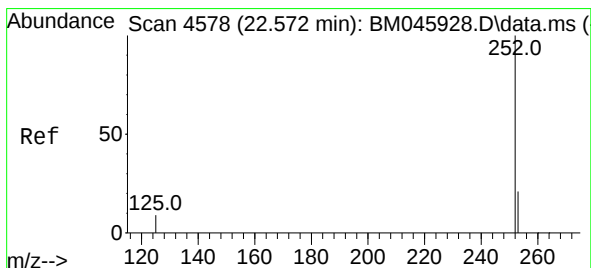
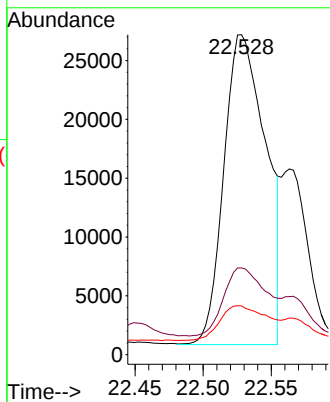
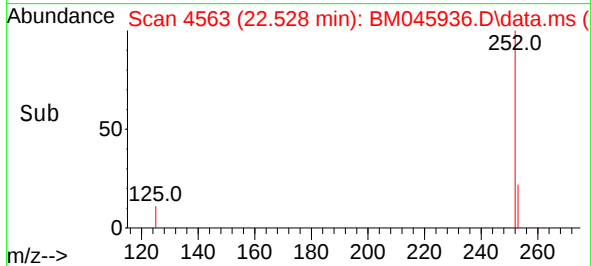
Instrument :
BNA_M
ClientSampleId :
A4C41DL



Tgt Ion:252 Resp: 5635
Ion Ratio Lower Upper
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253 27.1 0.0 63.6
125 15.3 0.0 35.8

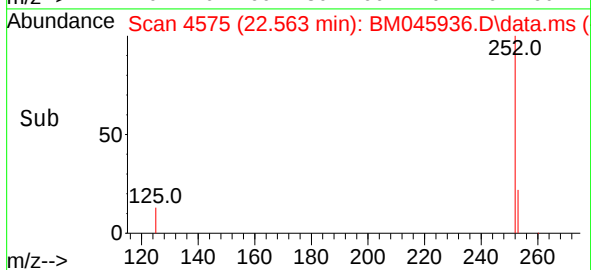
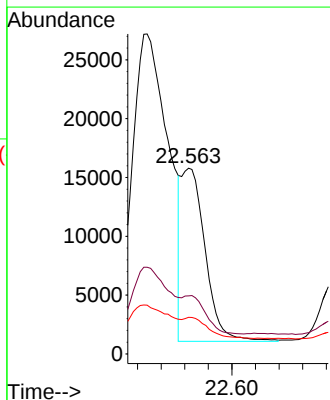
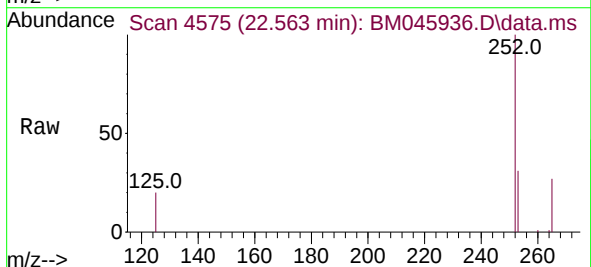
Manual Integrations
APPROVED

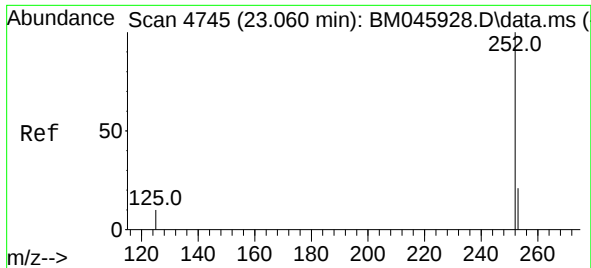
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

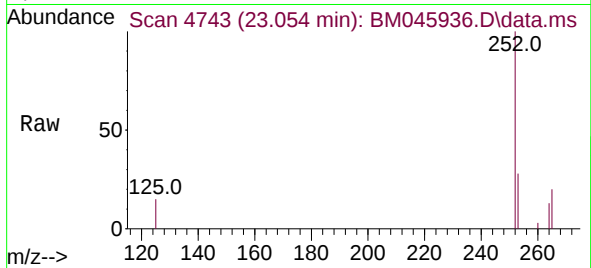
Tgt Ion:252 Resp: 20749
Ion Ratio Lower Upper
252 100
253 31.2 25.0 37.6
125 19.7 14.2 21.2





#26
Benzo(a)pyrene
Concen: 0.803 ng/ul m
RT: 23.054 min Scan# 4172
Delta R.T. -0.018 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47

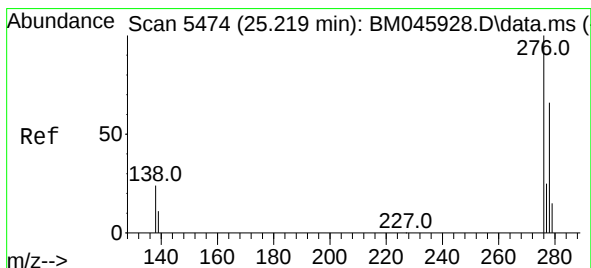
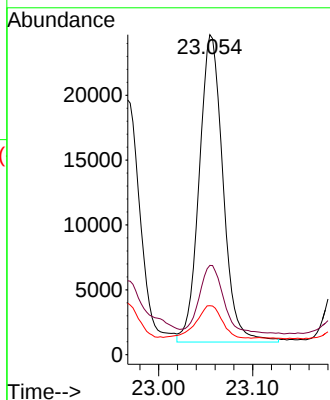
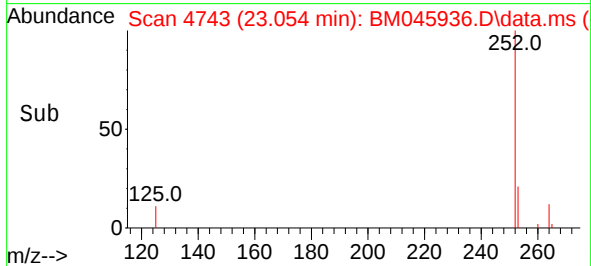
Instrument :
BNA_M
ClientSampleId :
A4C41DL



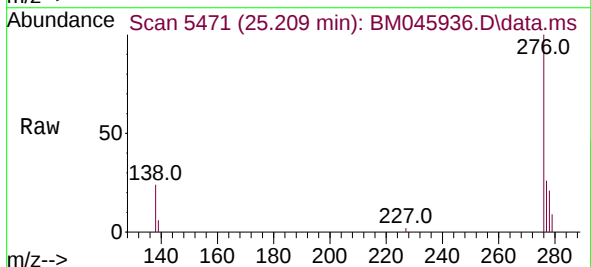
Tgt Ion:252 Resp: 4172
Ion Ratio Lower Upper
252 100
253 27.9 28.8 43.2
125 15.3 17.3 25.9

Manual Integrations
APPROVED

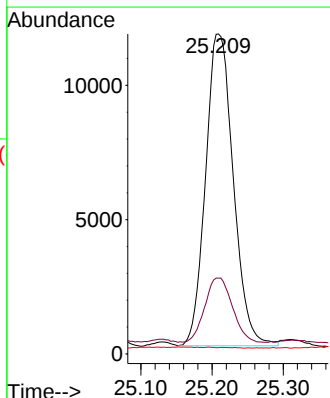
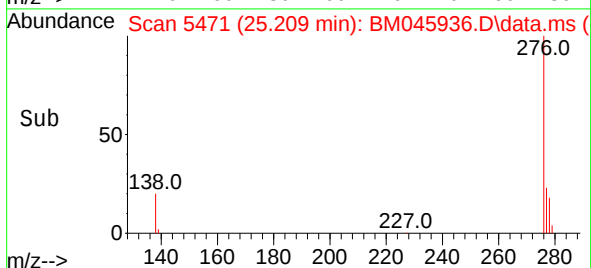
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

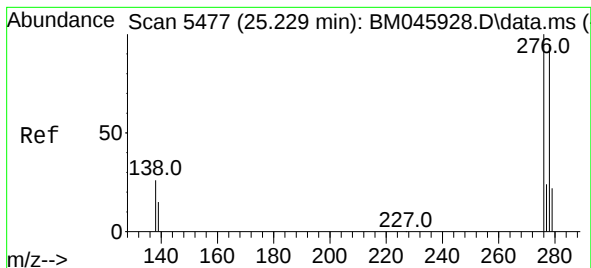


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.023 min
Lab File: BM045936.D
Acq: 09 Jun 2024 03:47



Tgt Ion:276 Resp: 31472
Ion Ratio Lower Upper
276 100
138 20.7 20.7 31.1
227 0.0 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.131 ng/ul

RT: 25.216 min Scan# 5477

Delta R.T. -0.033 min

Lab File: BM045936.D

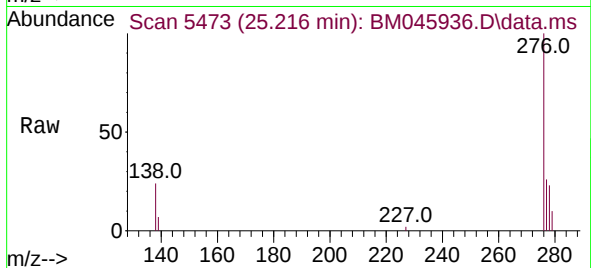
Acq: 09 Jun 2024 03:47

Instrument :

BNA_M

ClientSampleId :

A4C41DL



Tgt Ion:278 Resp: 7038

Ion Ratio Lower Upper

278 100

139 29.7 16.6 25.0

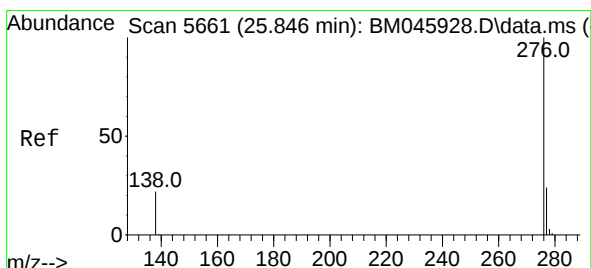
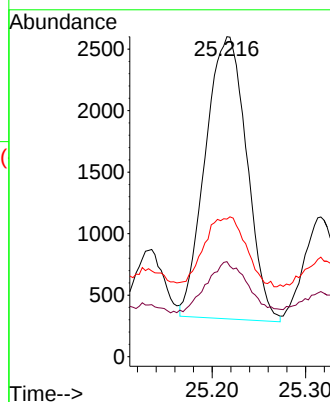
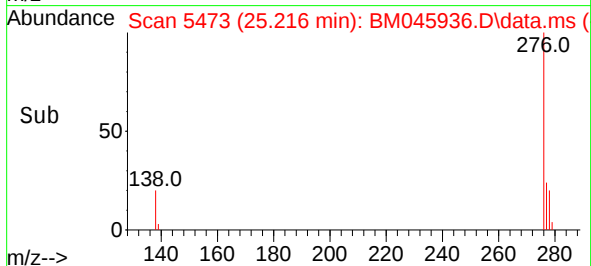
279 43.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.583 ng/ul

RT: 25.843 min Scan# 5660

Delta R.T. -0.020 min

Lab File: BM045936.D

Acq: 09 Jun 2024 03:47

Tgt Ion:276 Resp: 33793

Ion Ratio Lower Upper

276 100

138 24.3 21.0 31.4

277 25.1 20.5 30.7

