

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045875.D
 Acq On : 07 Jun 2024 10:39
 Operator : MA/JU
 Sample : P2586-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D16

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 11:12:46 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 : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6441	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	22080	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.118	164	11736	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	25017m	0.400	ng/ul	0.00
17) Chrysene-d12	21.052	240	19660m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	18015m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26093	3.557	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	6367	0.200	ng/ul	0.00
18) Fluoranthene-d10	18.890	212	12897	0.219	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.287	128	2926	0.051	ng/ul#	91
7) 2-Methylnaphthalene	11.921	142	1099	0.030	ng/ul	95
8) 1-Methylnaphthalene	12.141	142	963	0.024	ng/ul	97
10) Acenaphthylene	13.831	152	3468	0.065	ng/ul#	94
12) Fluorene	15.168	166	1192	0.027	ng/ul#	96
15) Phenanthrene	16.896	178	21543m	0.307	ng/ul	
16) Anthracene	16.985	178	4576m	0.076	ng/ul	
19) Fluoranthene	18.918	202	48113	0.614	ng/ul	99
20) Pyrene	19.281	202	44013	0.538	ng/ul	100
21) Benzo(a)anthracene	21.038	228	20646	0.286	ng/ul	93
22) Chrysene	21.090	228	25259	0.322	ng/ul	98
24) Benzo(b)fluoranthene	22.539	252	33111m	0.554	ng/ul	
25) Benzo(k)fluoranthene	22.577	252	12040m	0.183	ng/ul	
26) Benzo(a)pyrene	23.068	252	20997	0.353	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.232	276	16643	0.217	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.235	278	3756	0.061	ng/ul#	45
29) Benzo(g,h,i)perylene	25.859	276	17415	0.263	ng/ul	97

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

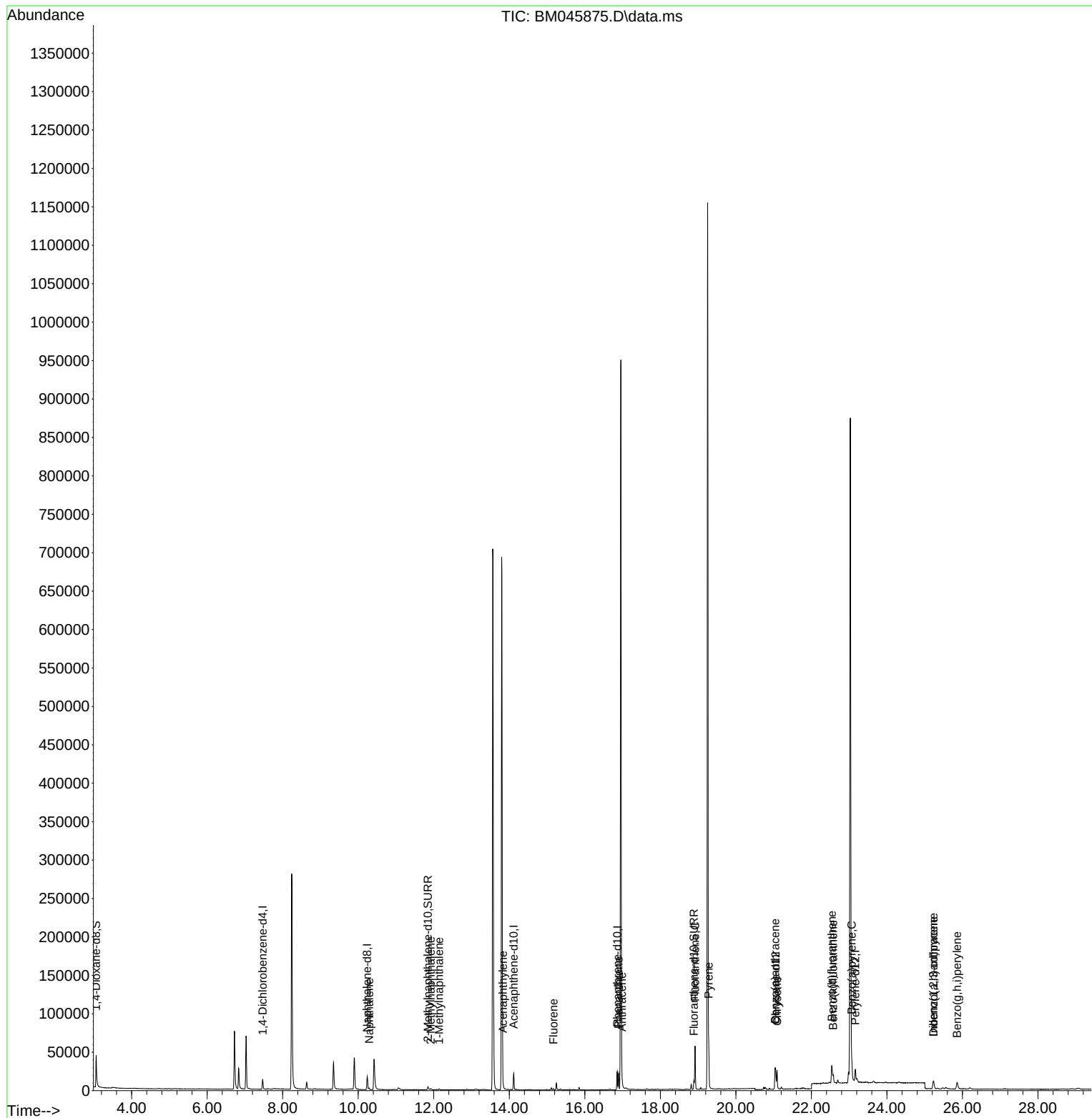
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045875.D
Acq On : 07 Jun 2024 10:39
Operator : MA/JU
Sample : P2586-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

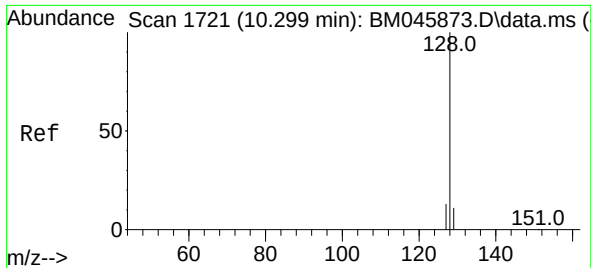
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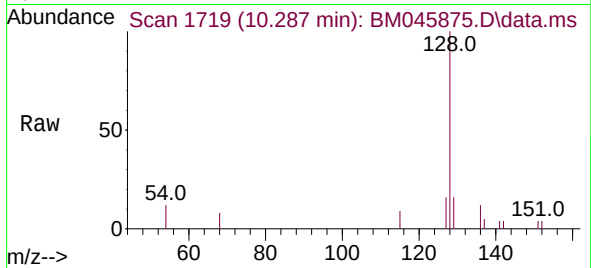
Quant Time: Jun 07 11:12:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

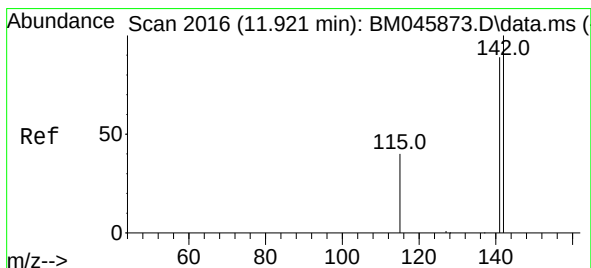
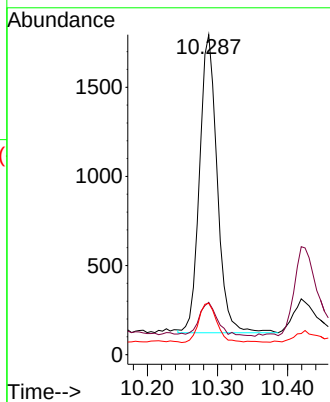
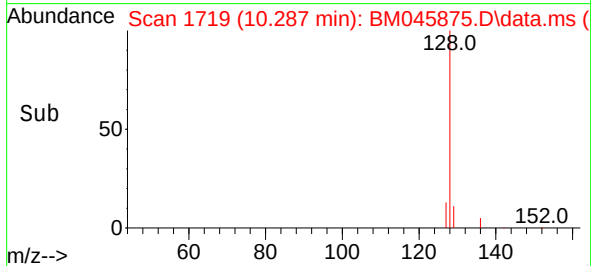
Instrument :
BNA_M
ClientSampleId :
A4D16



Tgt Ion:128 Resp: 2920
Ion Ratio Lower Upper
128 100
129 16.3 9.4 14.0
127 16.0 10.6 15.8

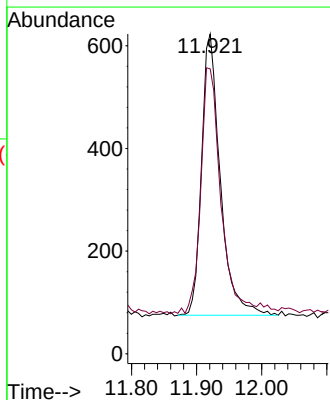
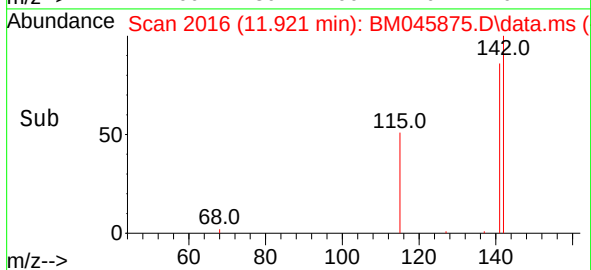
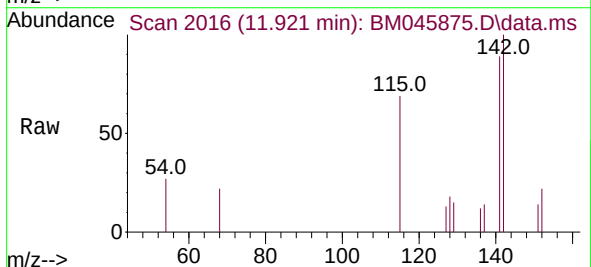
Manual Integrations
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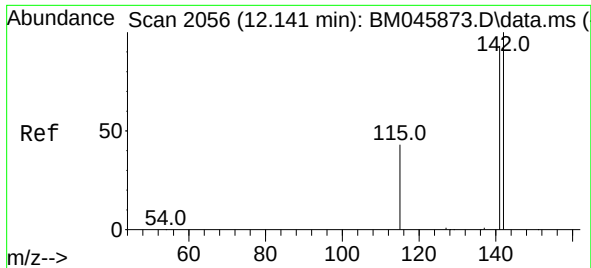
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

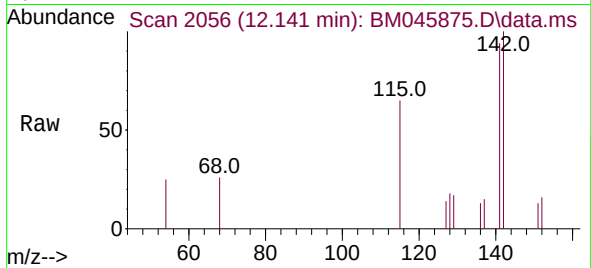
Tgt Ion:142 Resp: 1099
Ion Ratio Lower Upper
142 100
141 95.3 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

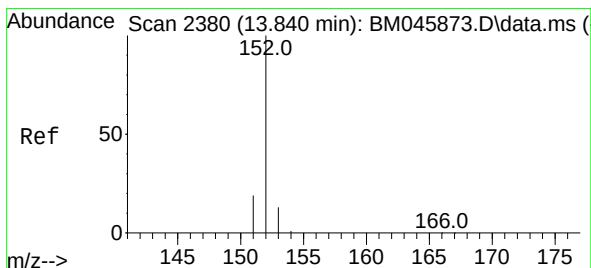
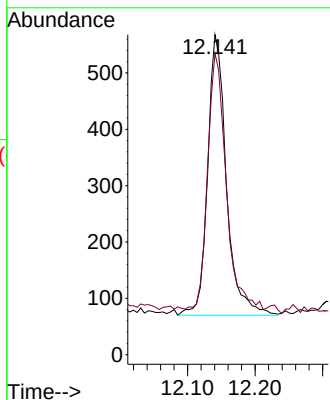
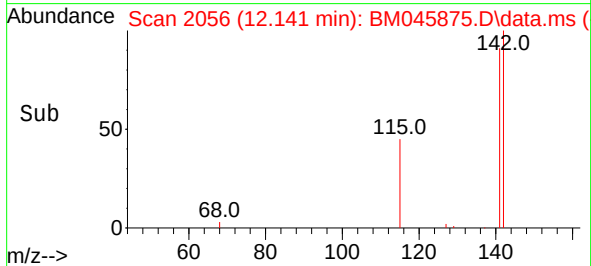
Instrument :
BNA_M
ClientSampleId :
A4D16



Tgt Ion:142 Resp: 963
Ion Ratio Lower Upper
142 100
141 88.8 73.5 110.3

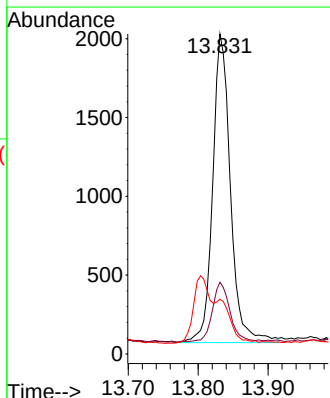
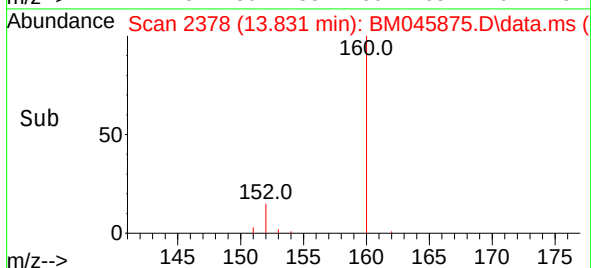
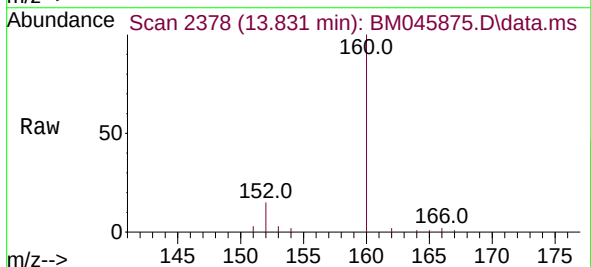
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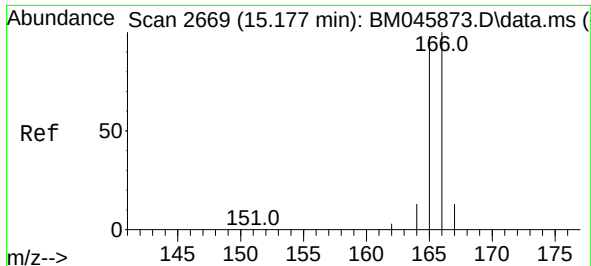
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.008 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

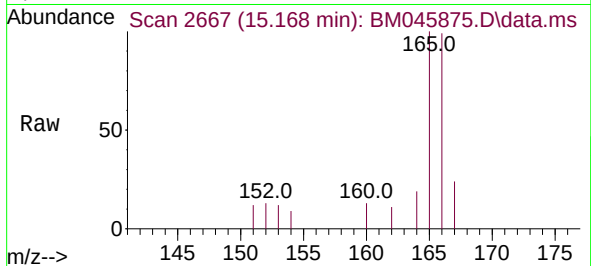
Tgt Ion:152 Resp: 3468
Ion Ratio Lower Upper
152 100
151 22.4 16.4 24.6
153 17.1 11.1 16.7#





#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

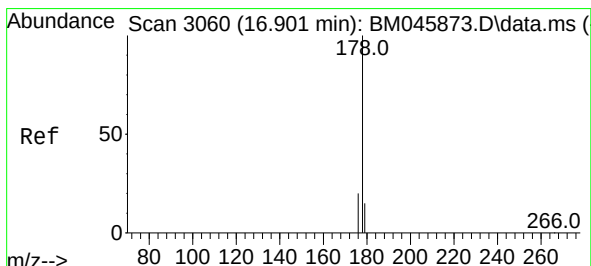
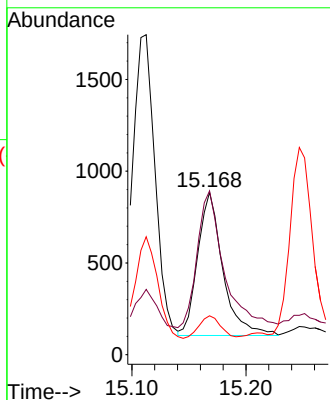
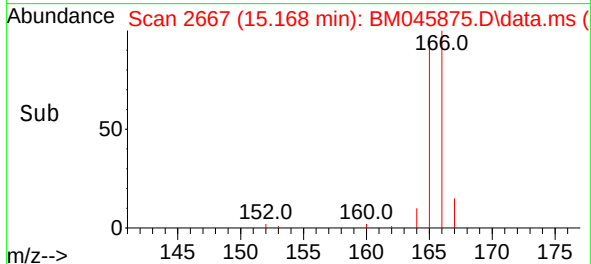
Instrument :
BNA_M
ClientSampleId :
A4D16



Tgt Ion:166 Resp: 1192
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 24.0 11.3 16.9

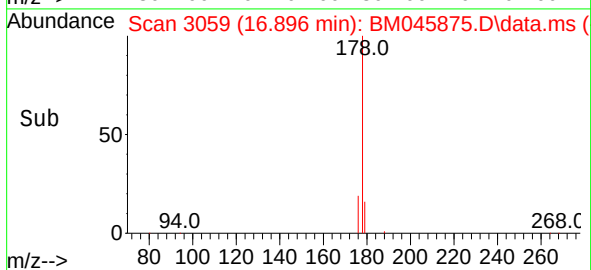
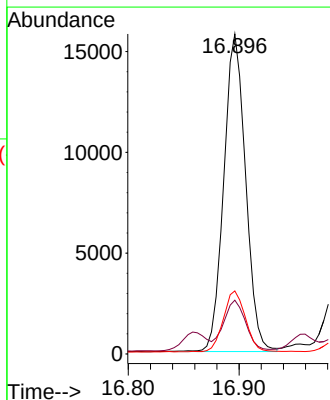
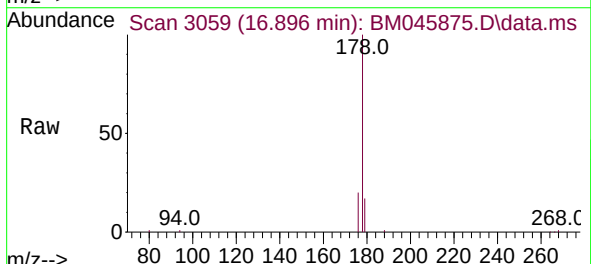
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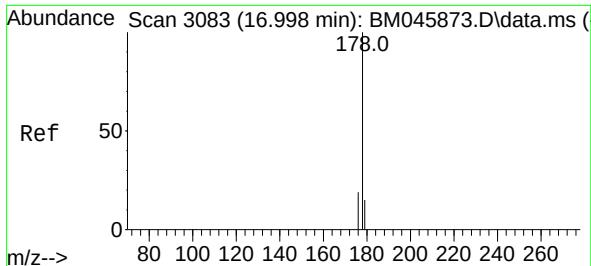
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#15
Phenanthrene
Concen: 0.307 ng/ul m
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

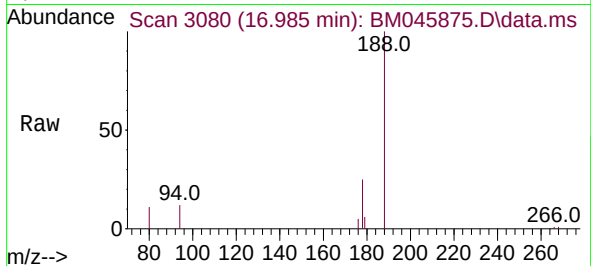
Tgt Ion:178 Resp: 21543
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 19.7 15.6 23.4





#16
 Anthracene
 Concen: 0.076 ng/ul m
 RT: 16.985 min Scan# 3080
 Delta R.T. -0.012 min
 Lab File: BM045875.D
 Acq: 07 Jun 2024 10:39

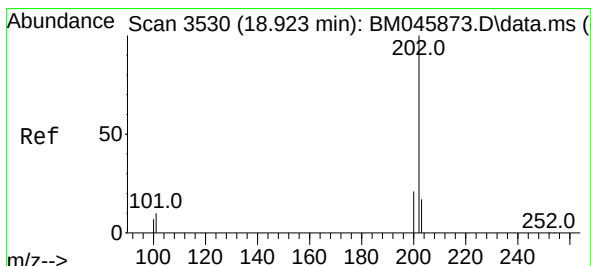
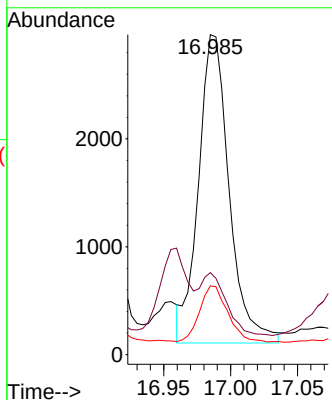
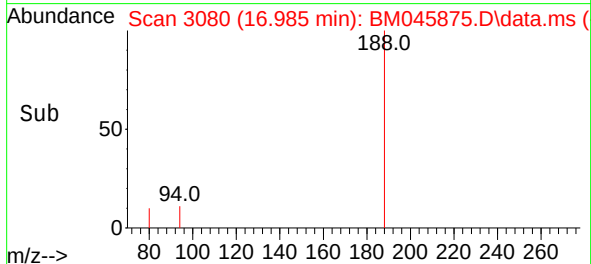
Instrument :
 BNA_M
 ClientSampleId :
 A4D16



Tgt Ion:178 Resp: 4570
 Ion Ratio Lower Upper
 178 100
 179 25.7 13.1 19.7
 176 21.5 15.5 23.3

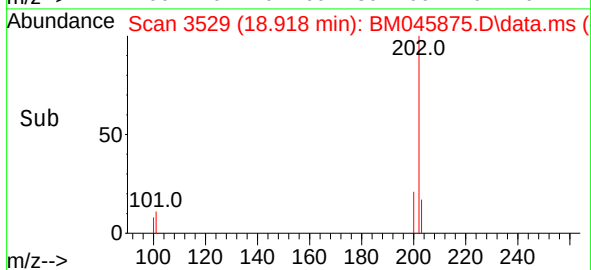
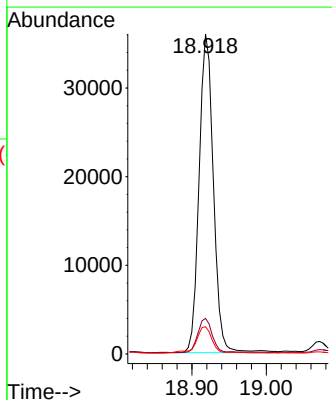
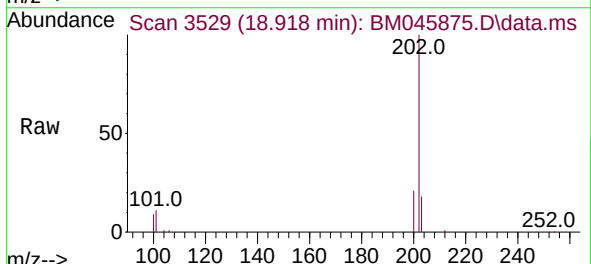
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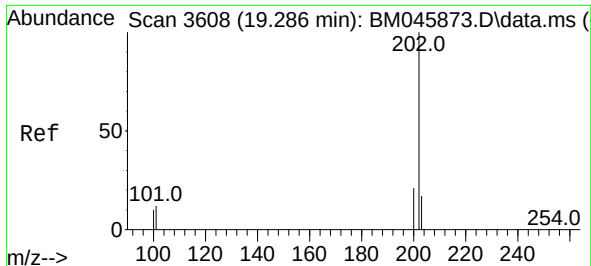
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



#19
 Fluoranthene
 Concen: 0.614 ng/ul
 RT: 18.918 min Scan# 3529
 Delta R.T. -0.004 min
 Lab File: BM045875.D
 Acq: 07 Jun 2024 10:39

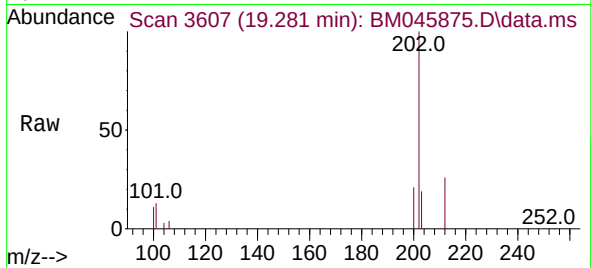
Tgt Ion:202 Resp: 48113
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.0 13.6
 100 8.5 7.0 10.6





#20
Pyrene
Concen: 0.538 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.004 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

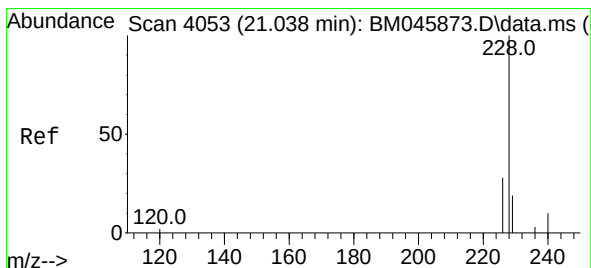
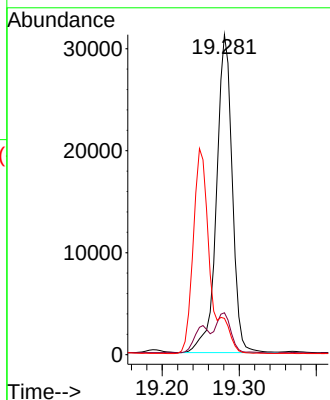
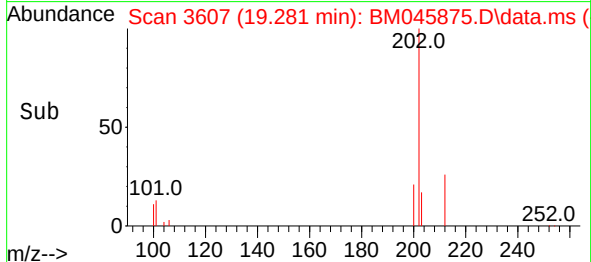
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A4D16



Tgt Ion:202 Resp: 44013
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 11.3 9.1 13.7

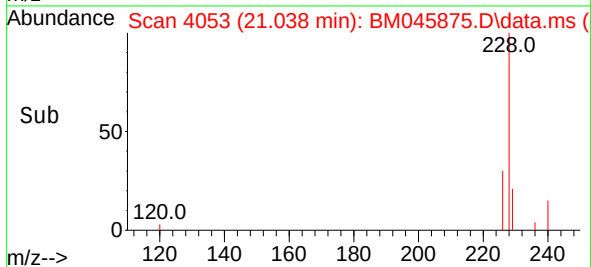
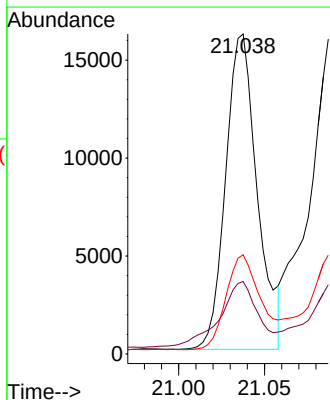
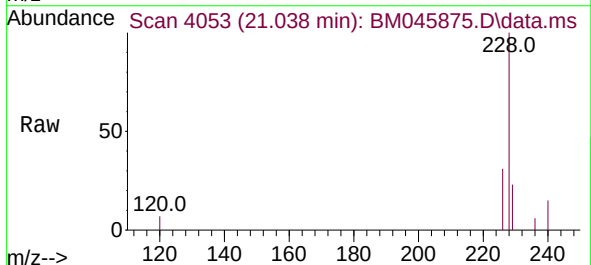
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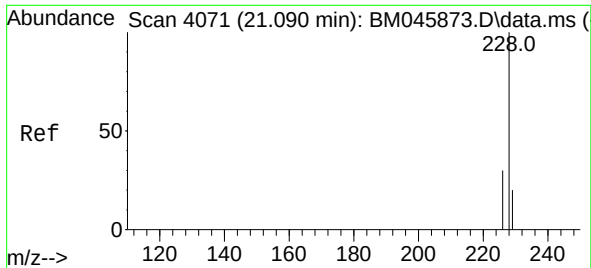
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#21
Benzo(a)anthracene
Concen: 0.286 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. 0.002 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

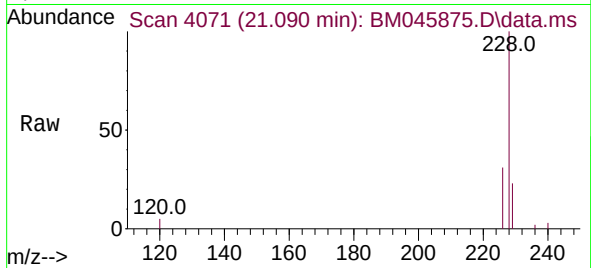
Tgt Ion:228 Resp: 20646
Ion Ratio Lower Upper
228 100
229 22.6 15.7 23.5
226 31.0 22.0 33.0





#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

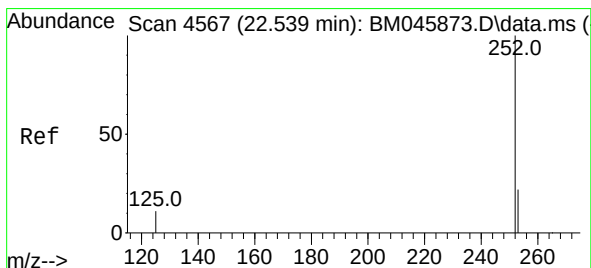
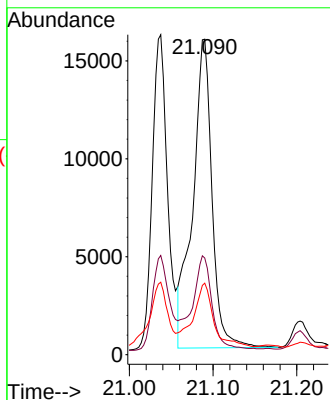
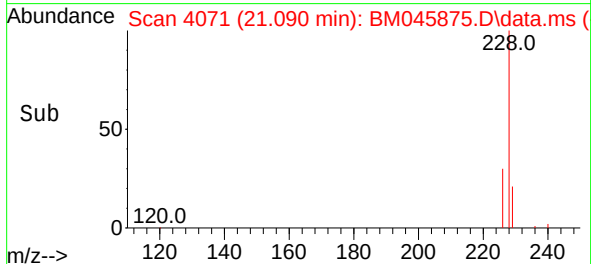
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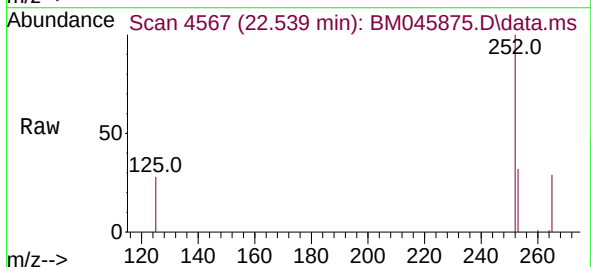
Tgt Ion:228 Resp: 2525
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.7 16.2 24.2

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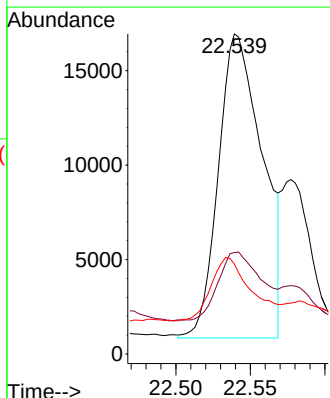
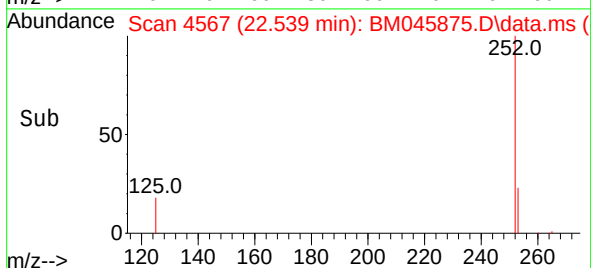
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

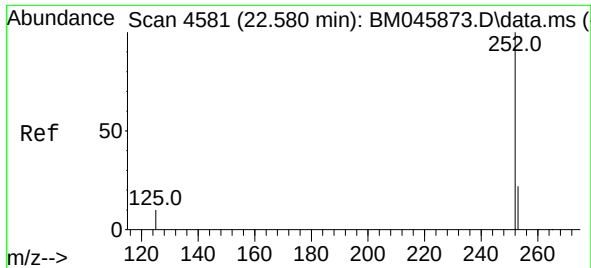


#24
Benzo(b)fluoranthene
Concen: 0.554 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. 0.002 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39



Tgt Ion:252 Resp: 33111
Ion Ratio Lower Upper
252 100
253 31.7 0.0 63.6
125 28.1 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.183 ng/ul m

RT: 22.577 min Scan# 4581

Delta R.T. -0.004 min

Lab File: BM045875.D

Acq: 07 Jun 2024 10:39

Instrument :

BNA_M

ClientSampleId :

A4D16

Tgt Ion:252 Resp: 12040

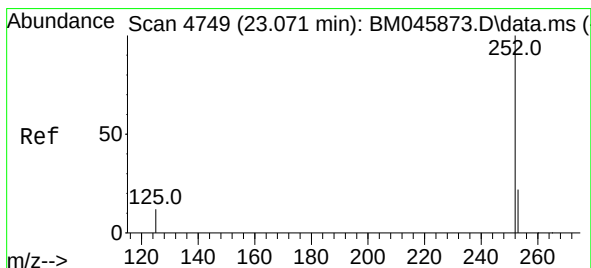
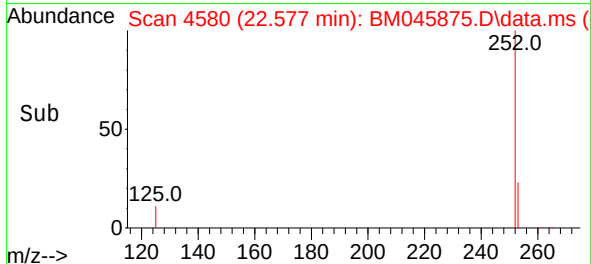
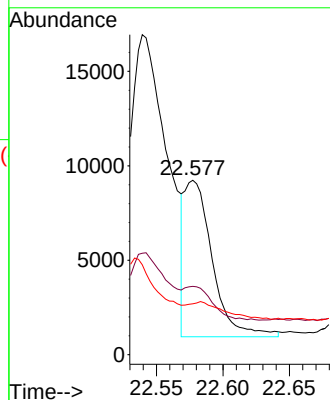
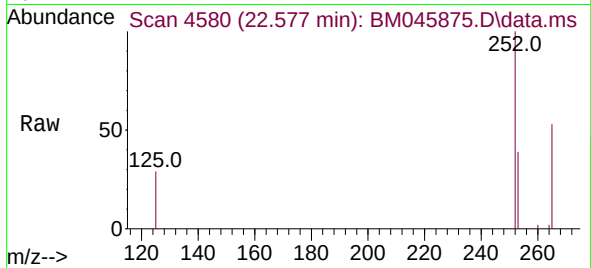
Ion	Ratio	Lower	Upper
252	100		
253	39.1	25.0	37.6
125	29.2	14.2	21.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.068 min Scan# 4748

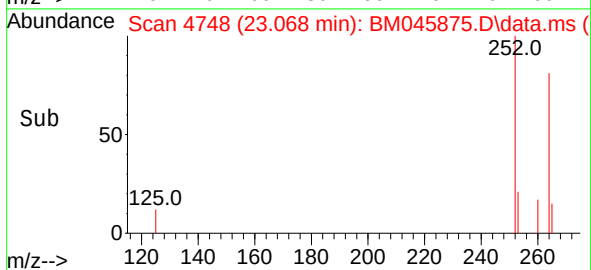
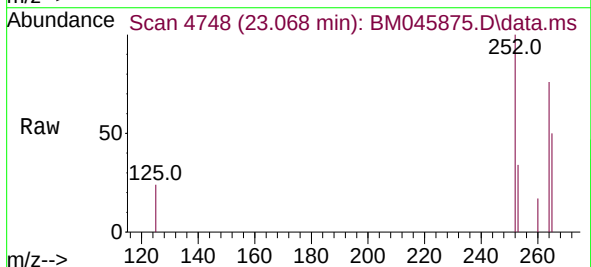
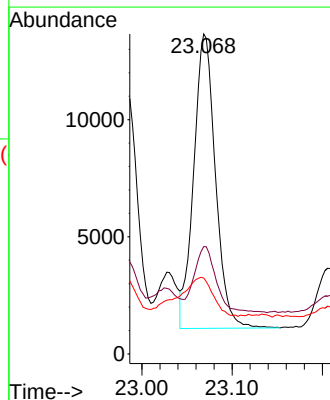
Delta R.T. -0.004 min

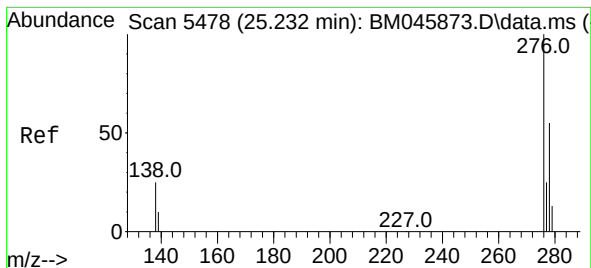
Lab File: BM045875.D

Acq: 07 Jun 2024 10:39

Tgt Ion:252 Resp: 20997

Ion	Ratio	Lower	Upper
252	100		
253	33.5	28.8	43.2
125	23.7	17.3	25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng/ul

RT: 25.232 min Scan# 5478

Delta R.T. -0.000 min

Lab File: BM045875.D

Acq: 07 Jun 2024 10:39

Instrument :

BNA_M

ClientSampleId :

A4D16

Tgt Ion:276 Resp: 1664

Ion Ratio Lower Upper

276 100

138 24.7 20.7 31.1

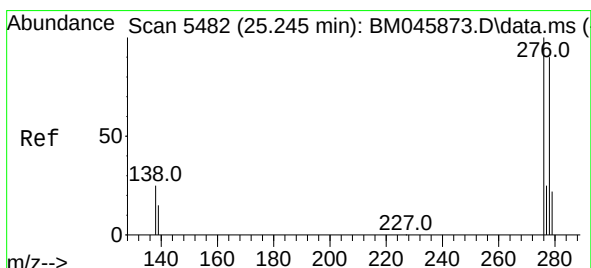
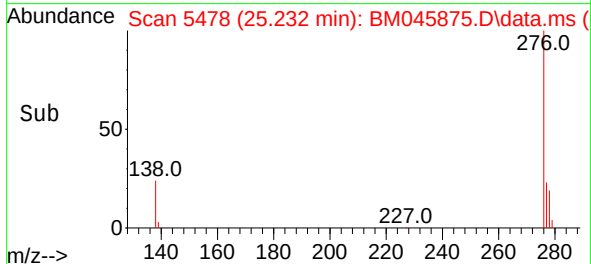
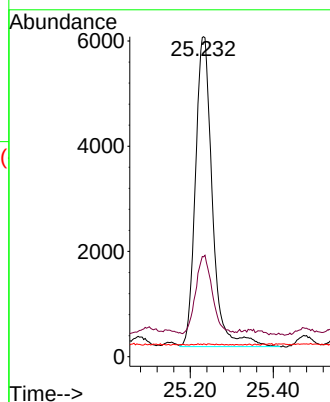
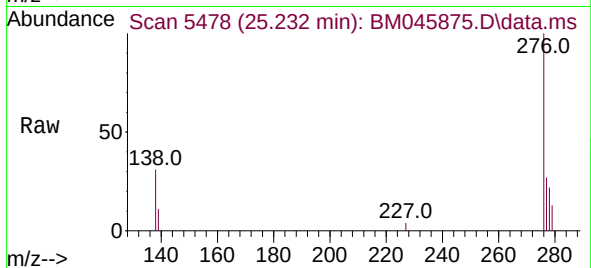
227 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 25.235 min Scan# 5479

Delta R.T. -0.014 min

Lab File: BM045875.D

Acq: 07 Jun 2024 10:39

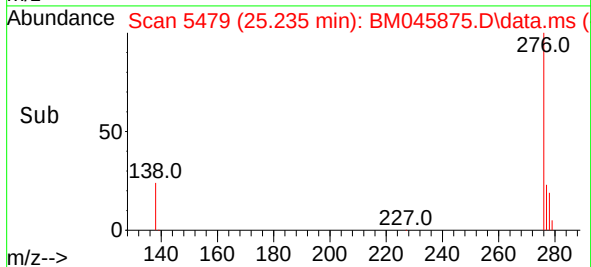
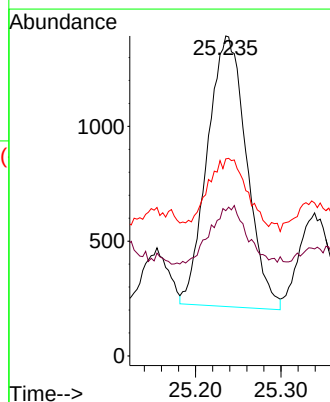
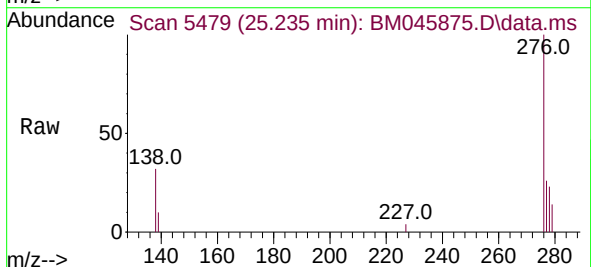
Tgt Ion:278 Resp: 3756

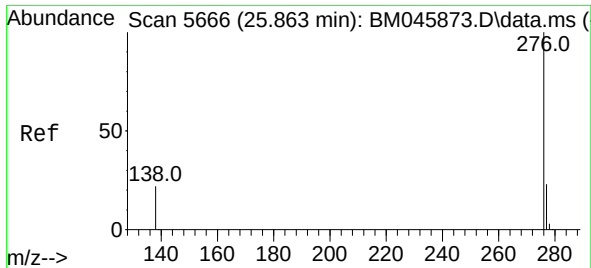
Ion Ratio Lower Upper

278 100

139 45.4 16.6 25.0#

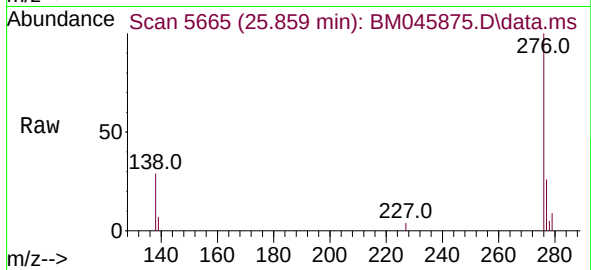
279 61.6 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 25.859 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM045875.D
Acq: 07 Jun 2024 10:39

Instrument :
BNA_M
ClientSampleId :
A4D16



Tgt Ion:276 Resp: 17415
Ion Ratio Lower Upper
276 100
138 28.6 21.0 31.4
277 25.9 20.5 30.7

Manual Integrations
APPROVED

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

