

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045879.D
 Acq On : 07 Jun 2024 13:05
 Operator : MA/JU
 Sample : P2586-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D17

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 14:01:06 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	6204	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	21535	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.114	164	11436	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	23944m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240	18166m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	17704m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	28347	4.012	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	7354	0.237	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	14168	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	3774	0.067	ng/ul#	93
7) 2-Methylnaphthalene	11.921	142	1333	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	1224	0.031	ng/ul	98
10) Acenaphthylene	13.836	152	3767	0.072	ng/ul	96
11) Acenaphthene	14.178	153	1024	0.027	ng/ul#	90
12) Fluorene	15.168	166	2931	0.069	ng/ul#	98
15) Phenanthrene	16.896	178	38733m	0.576	ng/ul	
16) Anthracene	16.985	178	8335m	0.145	ng/ul	
19) Fluoranthene	18.919	202	68280	0.943	ng/ul	98
20) Pyrene	19.276	202	55586	0.736	ng/ul	100
21) Benzo(a)anthracene	21.032	228	30559	0.458	ng/ul	96
22) Chrysene	21.084	228	31481	0.434	ng/ul	96
24) Benzo(b)fluoranthene	22.537	252	38710m	0.659	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	16447m	0.255	ng/ul	
26) Benzo(a)pyrene	23.066	252	26755	0.458	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.229	276	20300	0.269	ng/ul	91
28) Dibenzo(a,h)anthracene	25.229	278	4717	0.078	ng/ul#	51
29) Benzo(g,h,i)perylene	25.856	276	19970	0.307	ng/ul	97

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

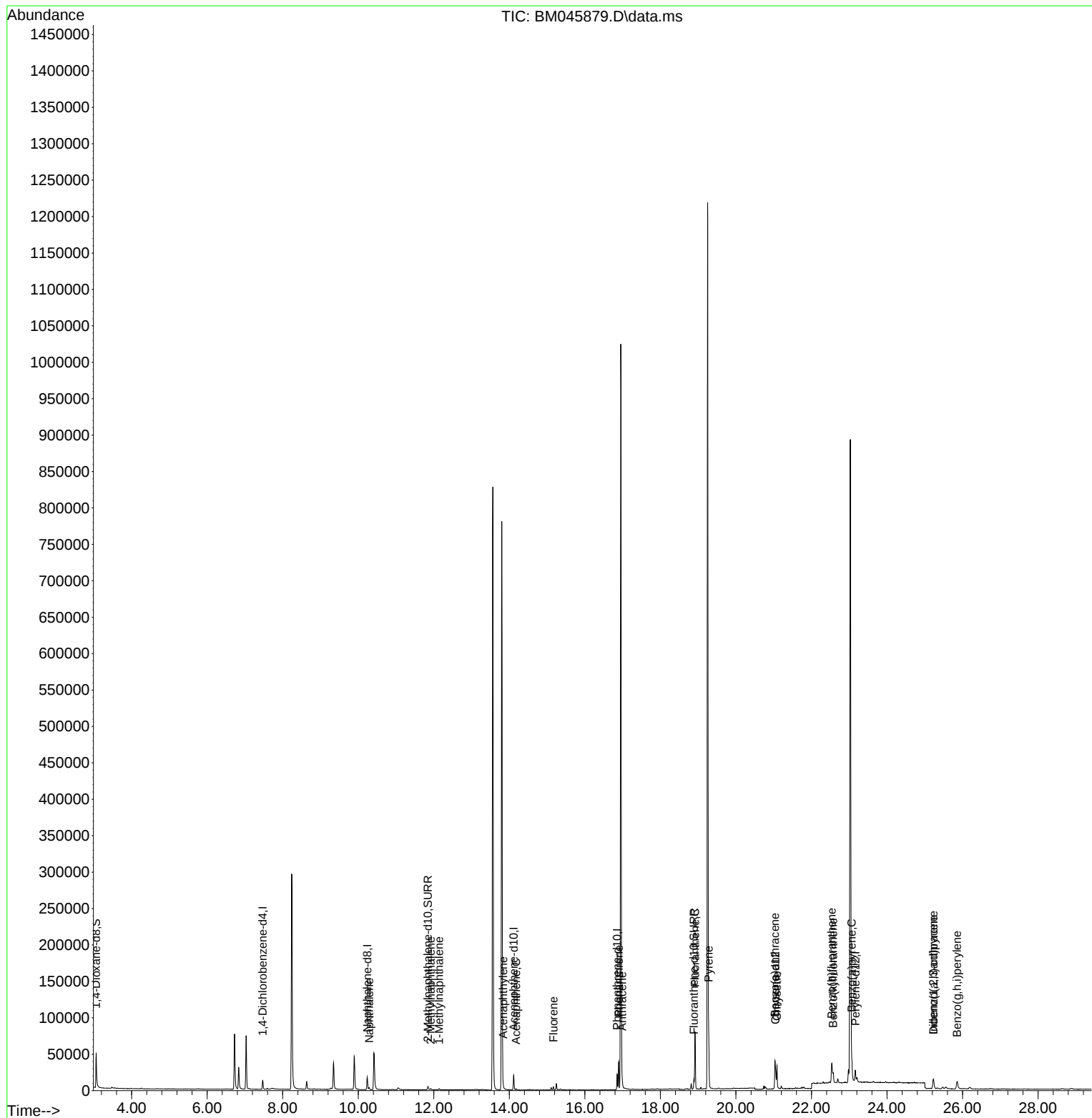
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
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ALS Vial : 8 Sample Multiplier: 1

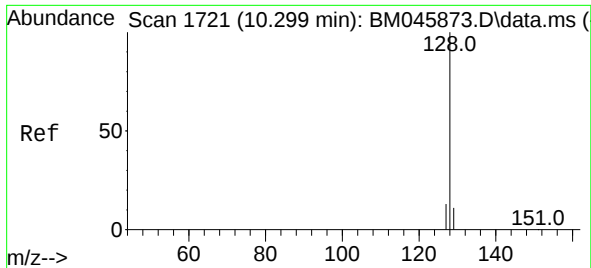
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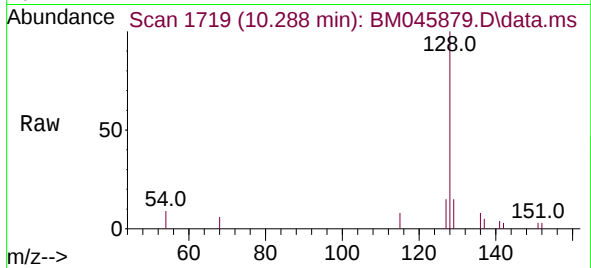
Quant Time: Jun 07 14:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

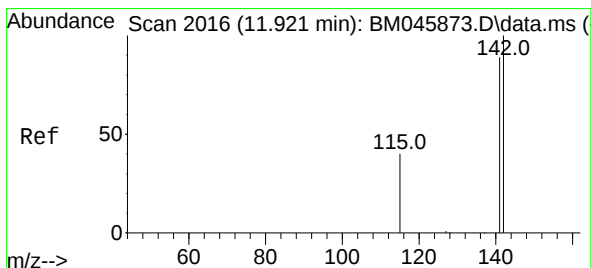
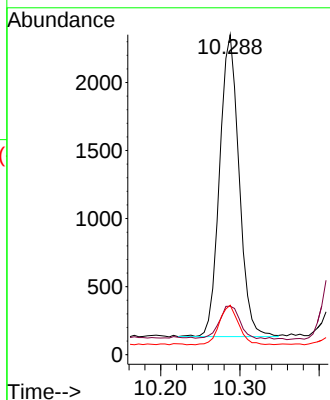
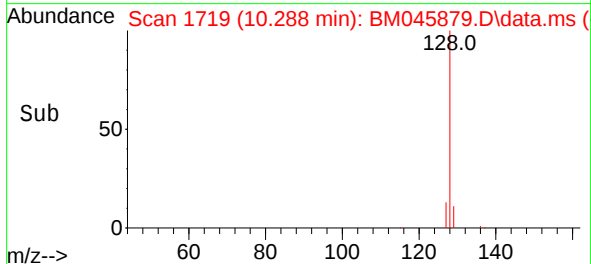
Instrument :
BNA_M
ClientSampleId :
A4D17



Tgt Ion:128 Resp: 3774
Ion Ratio Lower Upper
128 100
129 15.1 9.4 14.0
127 15.4 10.6 15.8

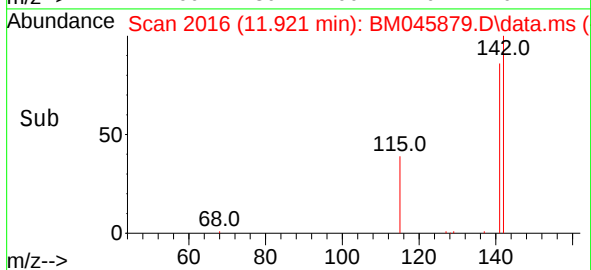
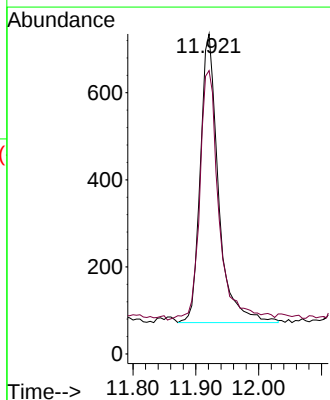
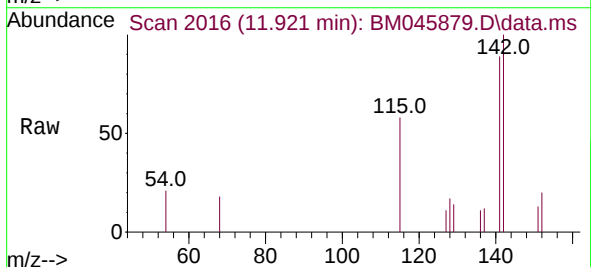
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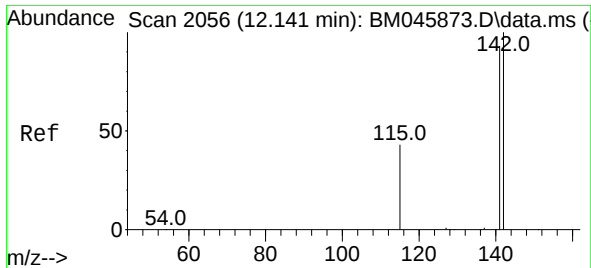
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

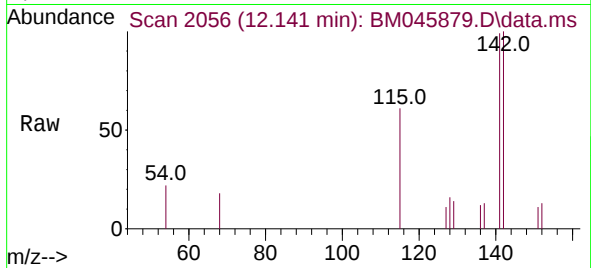
Tgt Ion:142 Resp: 1333
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

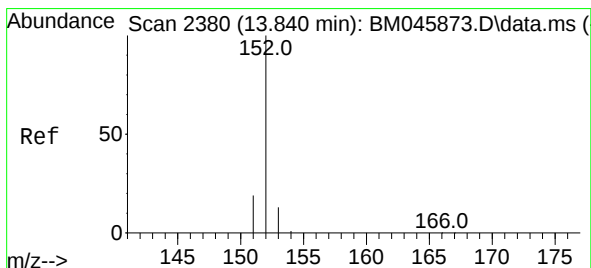
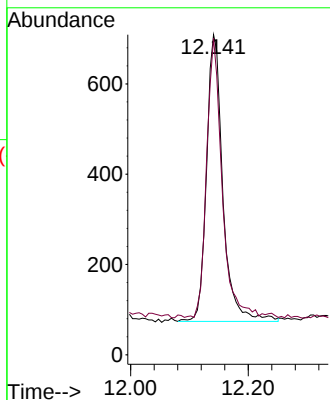
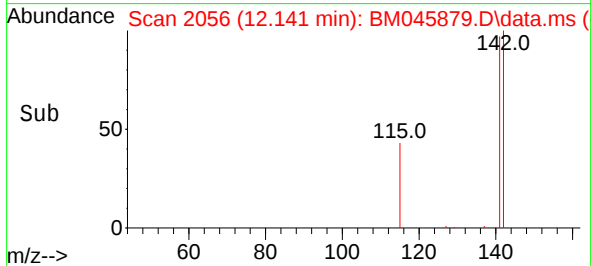
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1224
Ion Ratio Lower Upper
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141 90.4 73.5 110.3

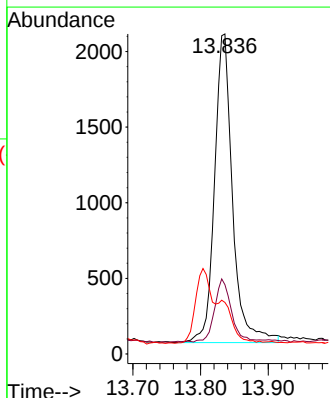
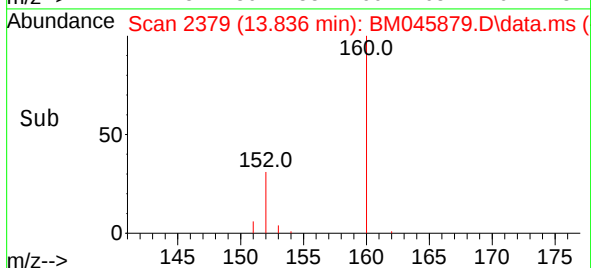
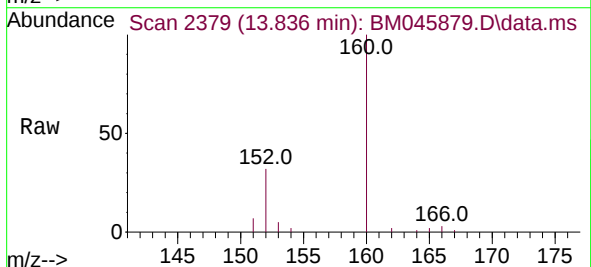
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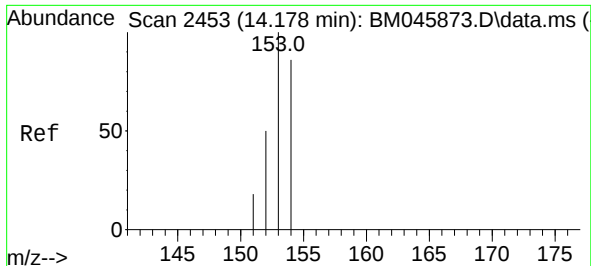
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. -0.003 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

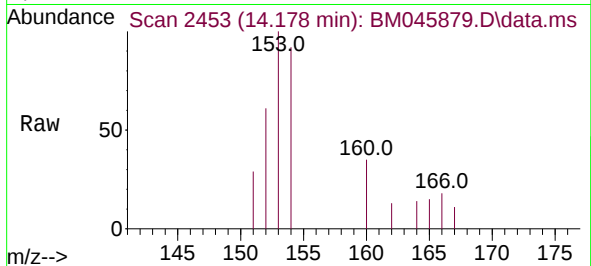
Tgt Ion:152 Resp: 3767
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 16.1 11.1 16.7





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

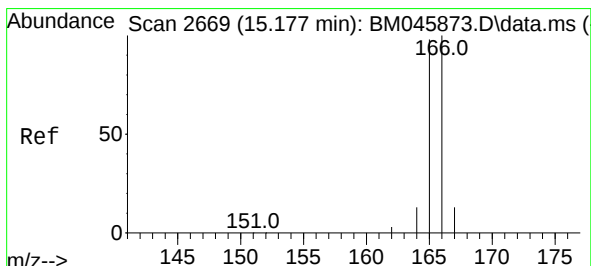
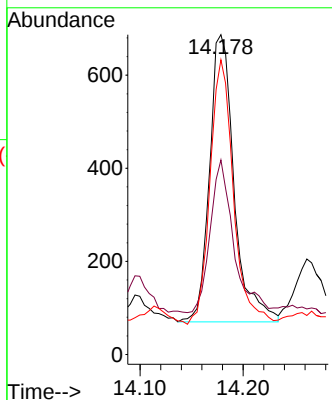
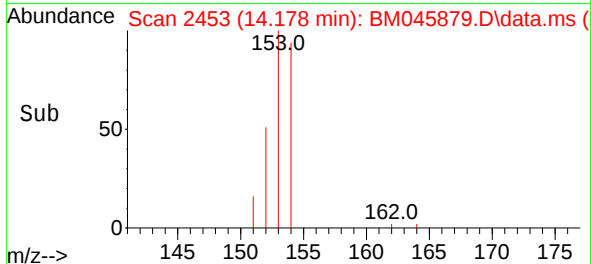
Instrument :
BNA_M
ClientSampleId :
A4D17



Tgt Ion:153 Resp: 1024
Ion Ratio Lower Upper
153 100
152 60.8 39.0 58.4#
154 92.1 69.4 104.2

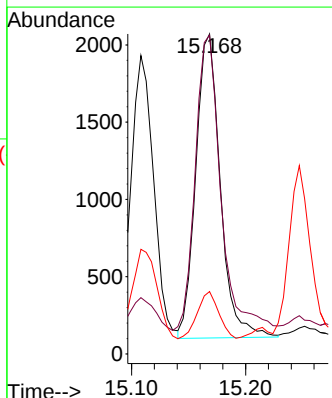
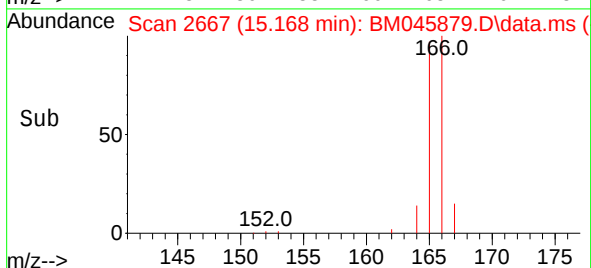
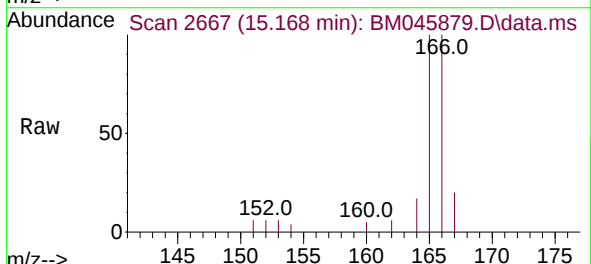
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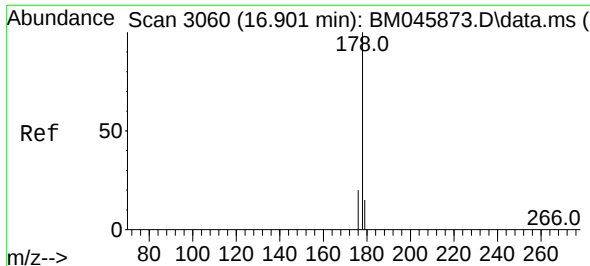
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

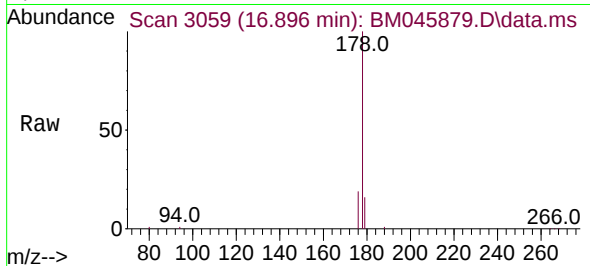
Tgt Ion:166 Resp: 2931
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 19.5 11.3 16.9#





#15
Phenanthrene
Concen: 0.576 ng/ul m
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

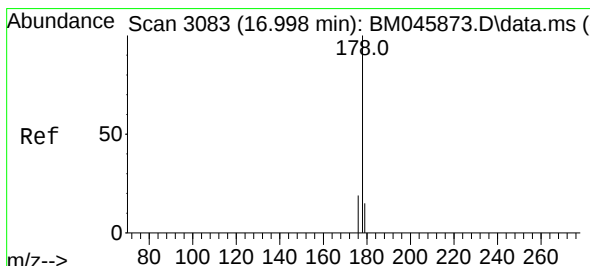
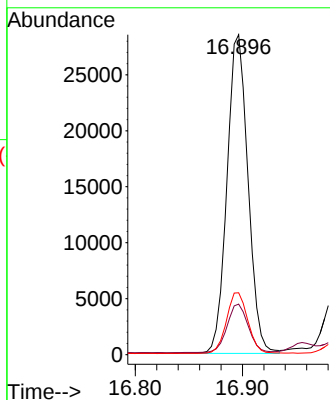
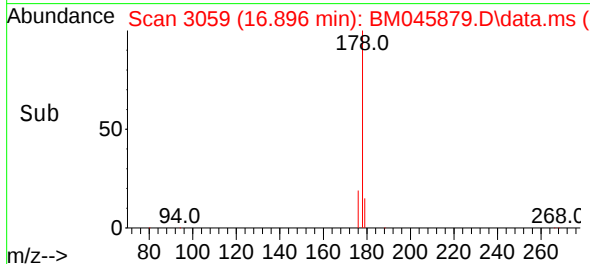
Instrument :
BNA_M
ClientSampleId :
A4D17



Tgt Ion:178 Resp: 3873
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.4 15.6 23.4

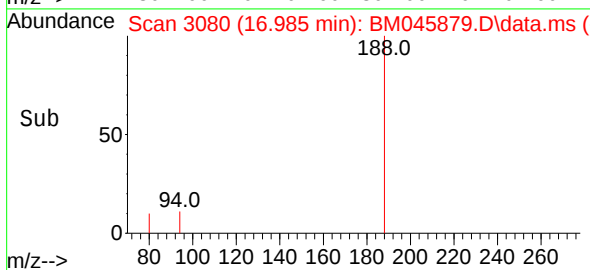
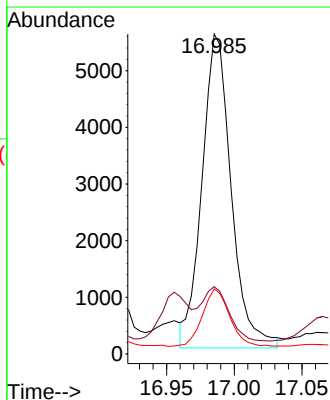
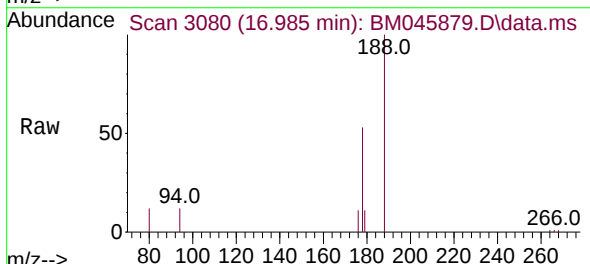
Manual Integrations
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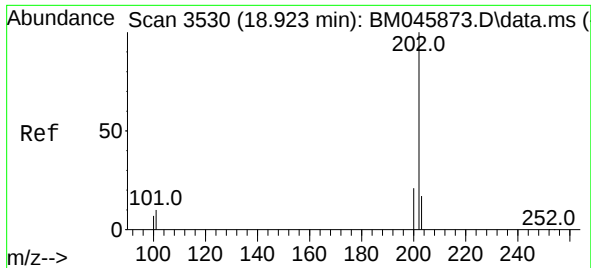
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.145 ng/ul m
RT: 16.985 min Scan# 3080
Delta R.T. -0.011 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

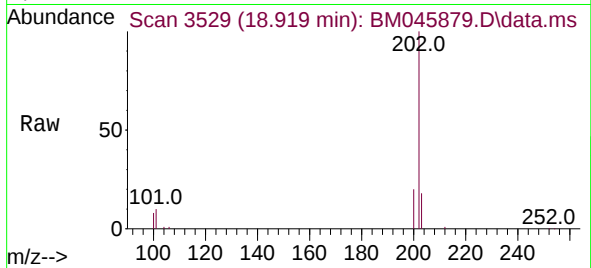
Tgt Ion:178 Resp: 8335
Ion Ratio Lower Upper
178 100
179 21.0 13.1 19.7#
176 20.4 15.5 23.3





#19
Fluoranthene
Concen: 0.943 ng/ul
RT: 18.919 min Scan# 3529
Delta R.T. -0.003 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

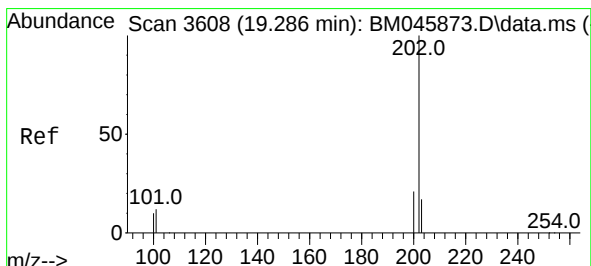
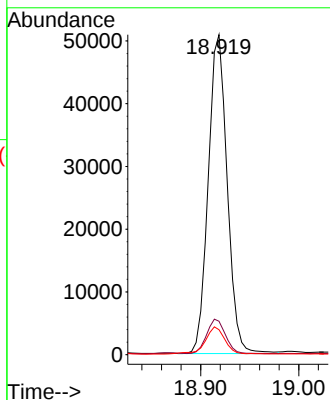
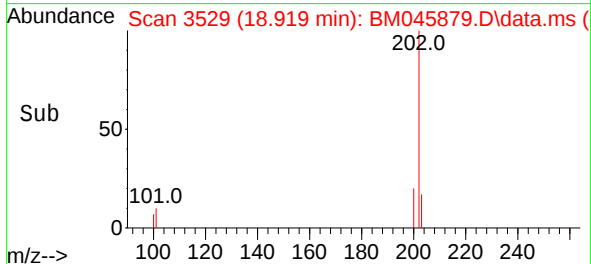
Instrument :
BNA_M
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A4D17



Tgt Ion:202 Resp: 68280
Ion Ratio Lower Upper
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101 10.5 9.0 13.6
100 7.8 7.0 10.6

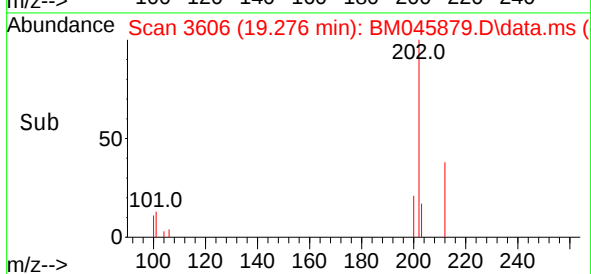
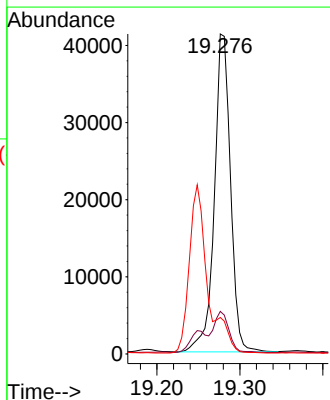
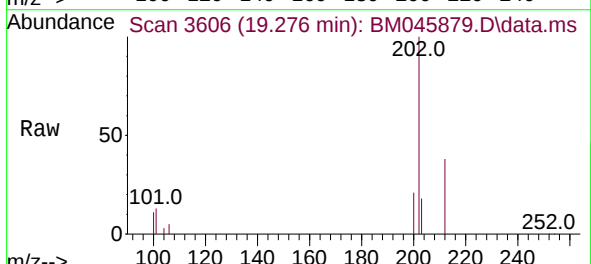
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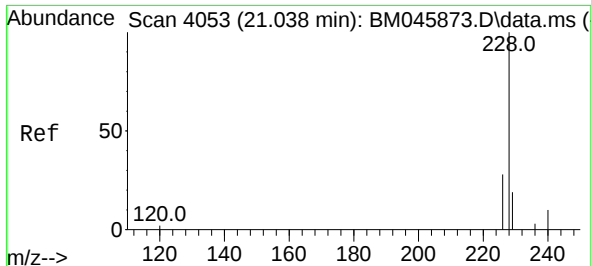
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.736 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.008 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

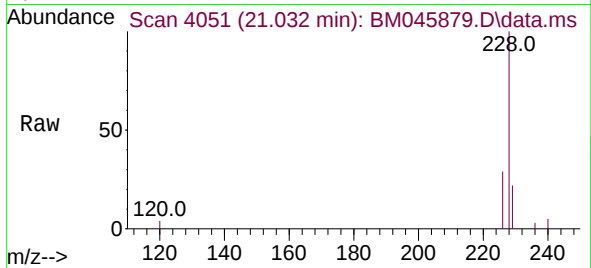
Tgt Ion:202 Resp: 55586
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

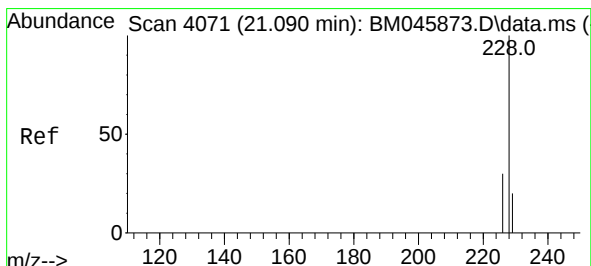
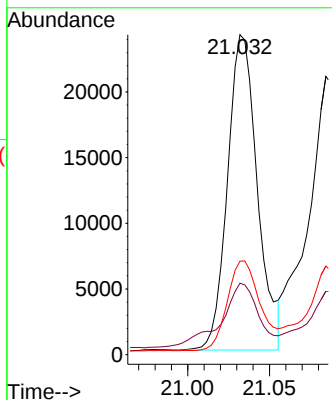
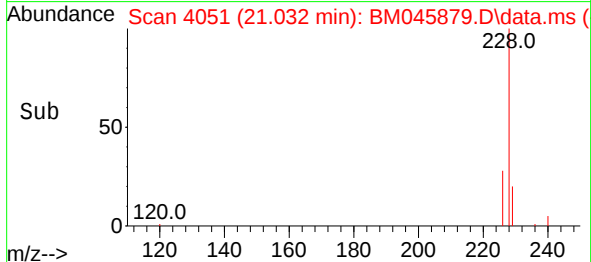
Instrument :
BNA_M
ClientSampleId :
A4D17



Tgt Ion:228 Resp: 3055
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 29.2 22.0 33.0

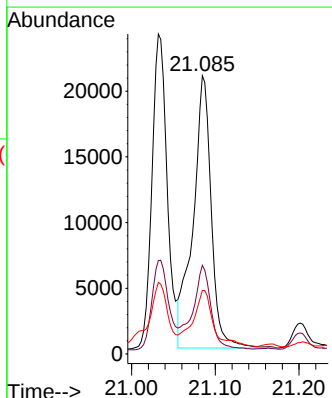
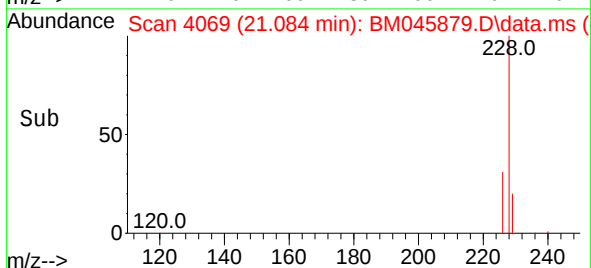
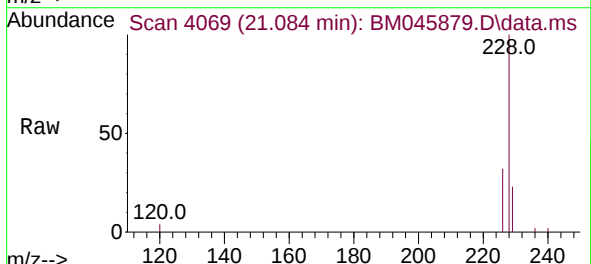
Manual Integrations
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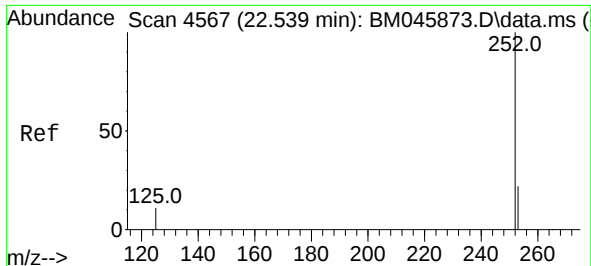
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

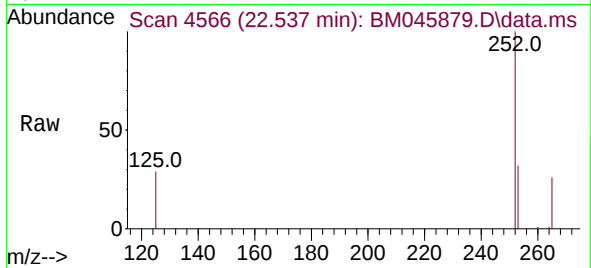
Tgt Ion:228 Resp: 31481
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 22.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.659 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.000 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

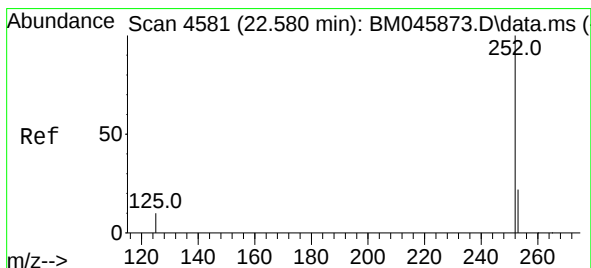
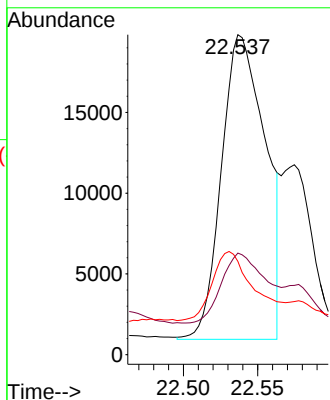
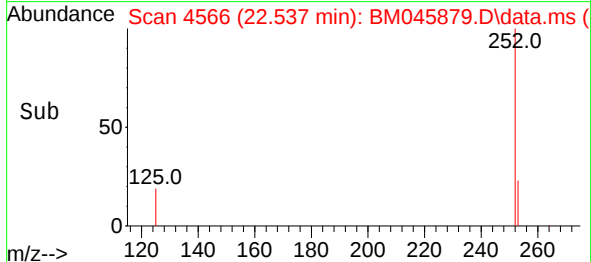
Instrument :
BNA_M
ClientSampleId :
A4D17



Tgt Ion:252 Resp: 38710
Ion Ratio Lower Upper
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253 31.8 0.0 63.6
125 29.1 0.0 35.8

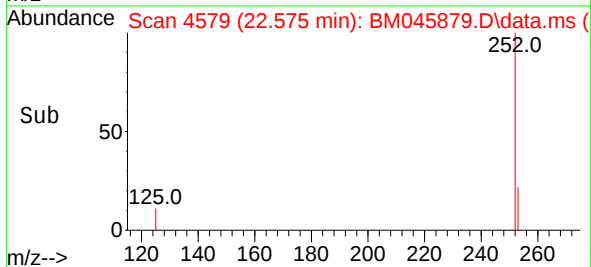
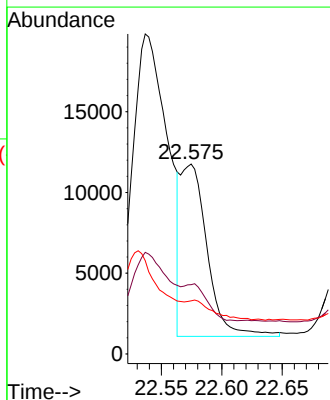
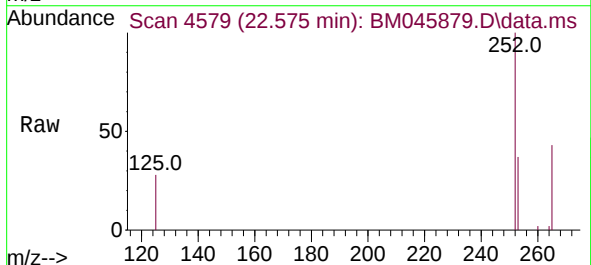
Manual Integrations
APPROVED

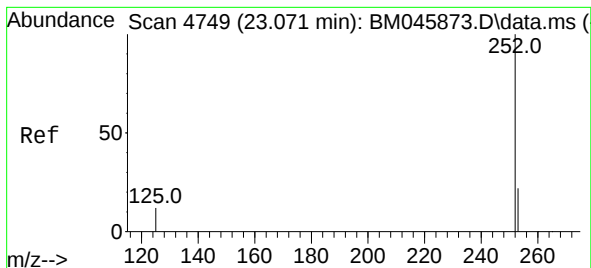
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.255 ng/ul m
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045879.D
Acq: 07 Jun 2024 13:05

Tgt Ion:252 Resp: 16447
Ion Ratio Lower Upper
252 100
253 36.5 25.0 37.6
125 28.0 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.458 ng/ul

RT: 23.066 min Scan# 4749

Delta R.T. -0.006 min

Lab File: BM045879.D

Acq: 07 Jun 2024 13:05

Instrument :

BNM

ClientSampleId :

A4D17

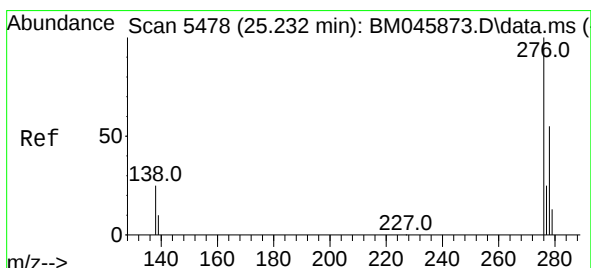
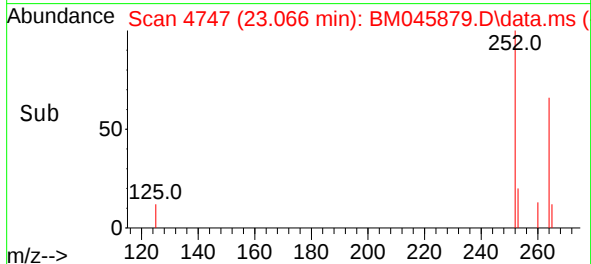
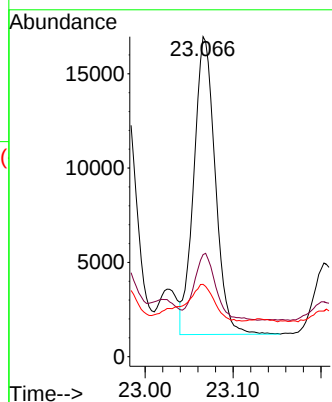
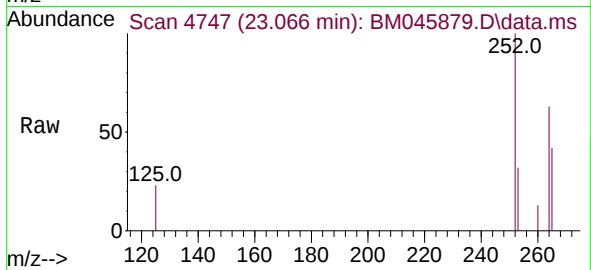
Tgt Ion:252	Resp:	2675
Ion Ratio	Lower	Upper
252	100	
253	31.9	28.8 43.2
125	22.6	17.3 25.9

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

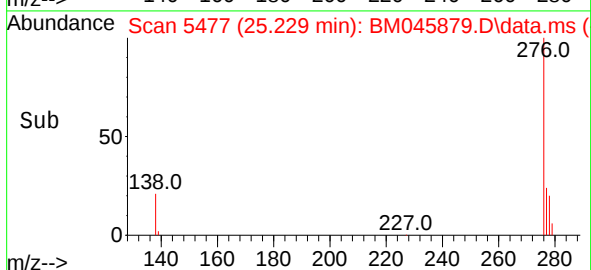
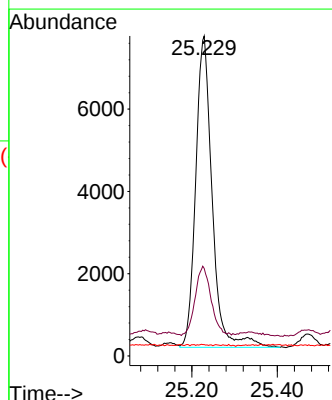
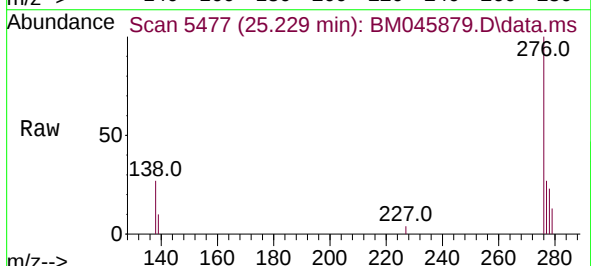
RT: 25.229 min Scan# 5477

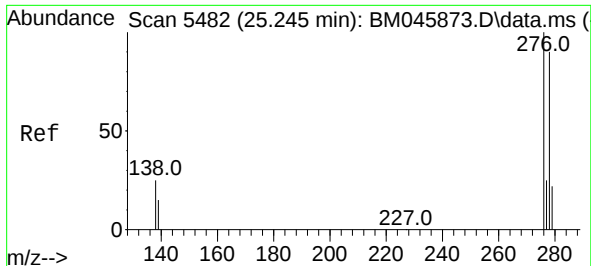
Delta R.T. -0.003 min

Lab File: BM045879.D

Acq: 07 Jun 2024 13:05

Tgt Ion:276	Resp:	20300
Ion Ratio	Lower	Upper
276	100	
138	21.5	20.7 31.1
227	0.2	0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 25.229 min Scan# 5482

Delta R.T. -0.020 min

Lab File: BM045879.D

Acq: 07 Jun 2024 13:05

Instrument :

BNA_M

ClientSampleId :

A4D17

Tgt Ion:278 Resp: 471

Ion Ratio Lower Upper

278 100

139 42.7 16.6 25.0

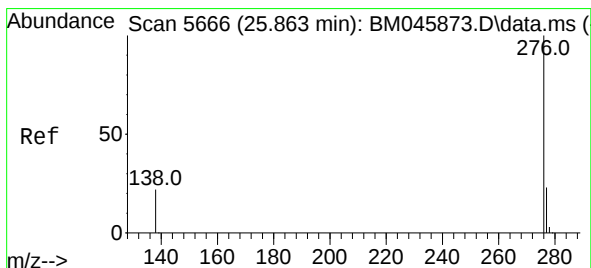
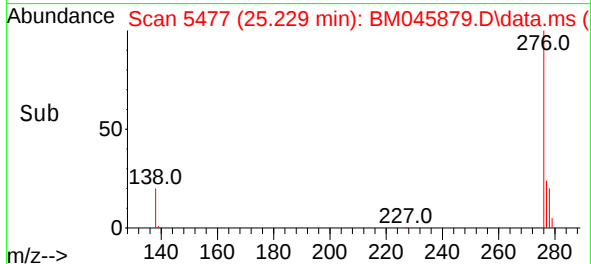
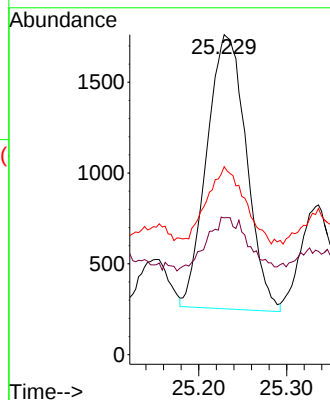
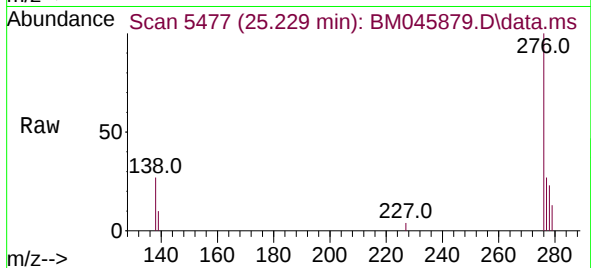
279 58.7 24.6 37.0

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.307 ng/ul

RT: 25.856 min Scan# 5664

Delta R.T. -0.007 min

Lab File: BM045879.D

Acq: 07 Jun 2024 13:05

Tgt Ion:276 Resp: 19970

Ion Ratio Lower Upper

276 100

138 28.2 21.0 31.4

277 26.6 20.5 30.7

