

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045881.D
 Acq On : 07 Jun 2024 14:18
 Operator : MA/JU
 Sample : P2586-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18MS

Quant Time: Jun 07 15:18:26 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	7168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	23741	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	13008	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	26856	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.049	240	18223	0.400	ng/ul	# 0.00
23) Perylene-d12	23.162	264	22746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2870	0.352	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	7276	0.213	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	16965	0.311	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.097	88	6835	0.732	ng/ul#	77
5) Naphthalene	10.288	128	51862	0.836	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	23424	0.592	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	20393	0.474	ng/ul	99
10) Acenaphthylene	13.831	152	84061	1.421	ng/ul	98
11) Acenaphthene	14.174	153	32971	0.759	ng/ul	100
12) Fluorene	15.168	166	42155	0.868	ng/ul	99
14) Pentachlorophenol	16.529	266	3861	0.769	ng/ul	98
15) Phenanthrene	16.896	178	707222	9.379	ng/ul	99
16) Anthracene	16.989	178	140724	2.188	ng/ul	98
19) Fluoranthene	18.914	202	1415033	19.473	ng/ul	99
20) Pyrene	19.281	202	1169731	15.431	ng/ul	95
21) Benzo(a)anthracene	21.032	228	618979	9.254	ng/ul	97
22) Chrysene	21.085	228	691234	9.492	ng/ul	99
24) Benzo(b)fluoranthene	22.540	252	879978m	11.664	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	321714m	3.880	ng/ul	
26) Benzo(a)pyrene	23.069	252	400032	5.332	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.229	276	363434	3.746	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.236	278	123938	1.598	ng/ul	96
29) Benzo(g,h,i)perylene	25.859	276	58277	0.697	ng/ul	94

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

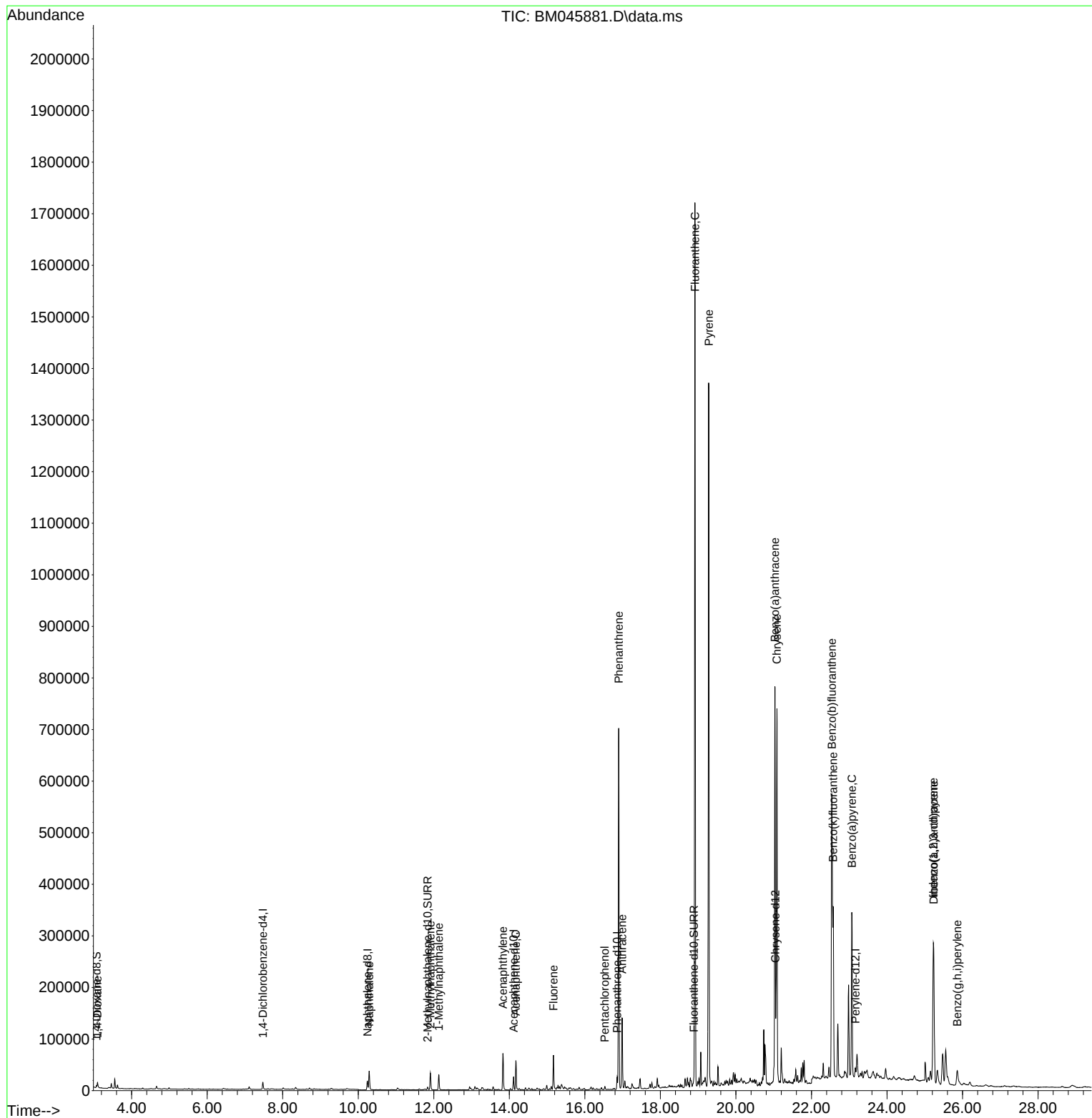
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045881.D
Acq On : 07 Jun 2024 14:18
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ALS Vial : 10 Sample Multiplier: 1

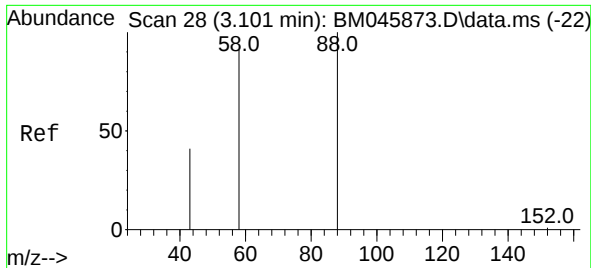
Instrument :
BNA_M
ClientSampleId :
A4D18MS

Quant Time: Jun 07 15:18:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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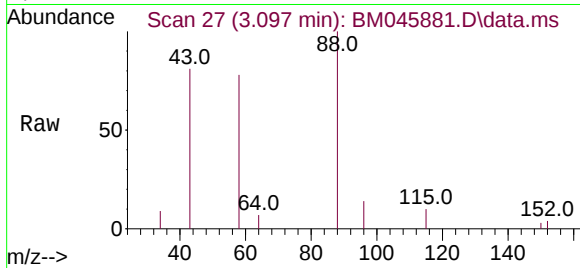
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024





#2
1,4-Dioxane
Concen: 0.732 ng/ul
RT: 3.097 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

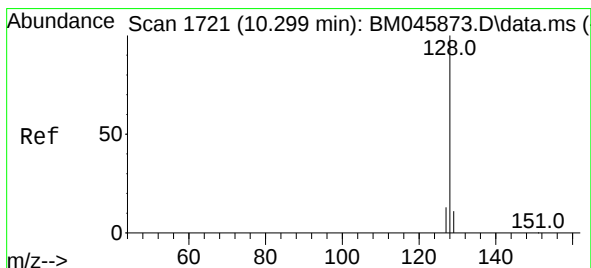
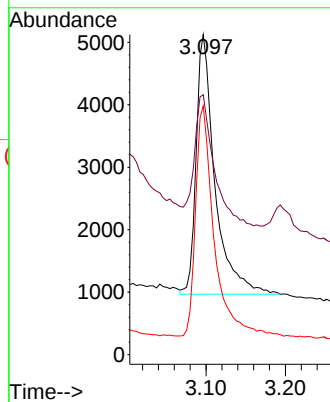
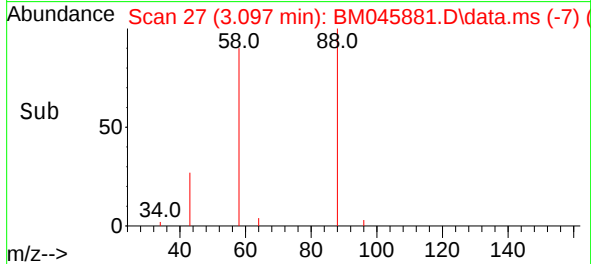
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion: 88 Resp: 683
Ion Ratio Lower Upper
88 100
43 81.3 87.4 131.2
58 77.8 51.1 76.7

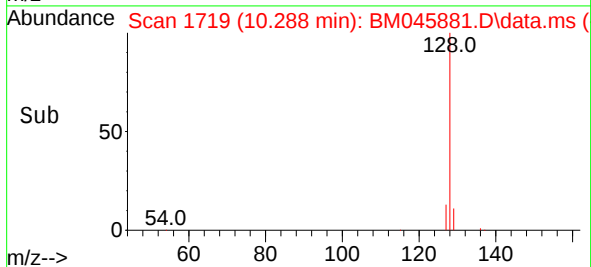
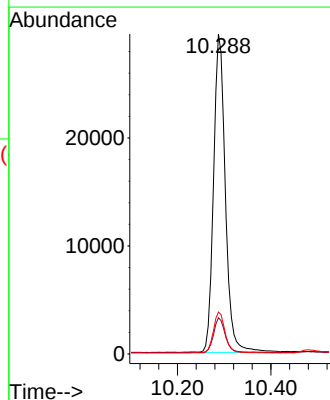
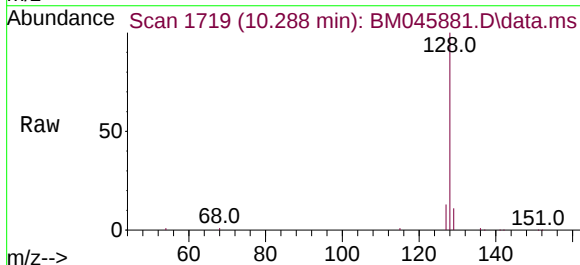
Manual Integrations
APPROVED

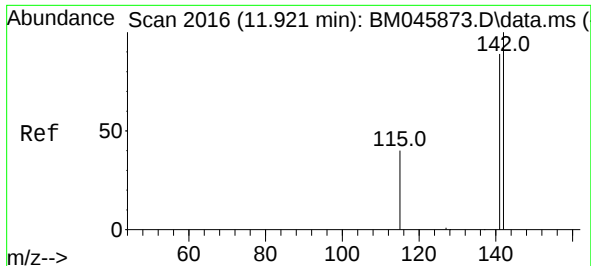
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#5
Naphthalene
Concen: 0.836 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

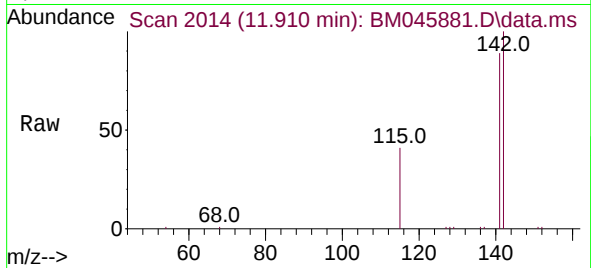
Tgt Ion:128 Resp: 51862
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.1 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.592 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

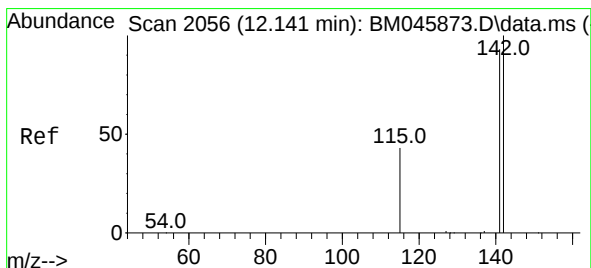
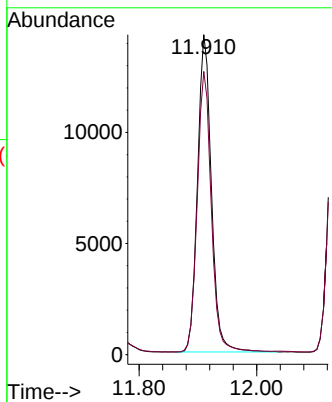
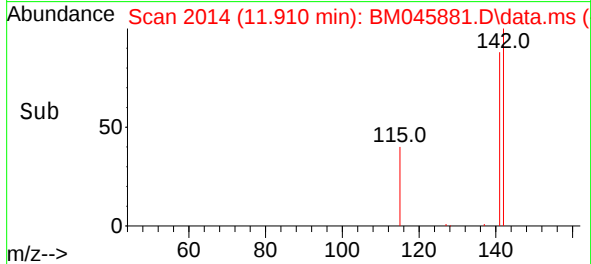
Instrument :
BNA_M
ClientSampleId :
A4D18MS



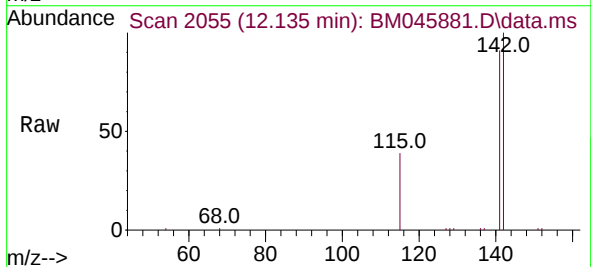
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Ion Ratio Lower Upper
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141 89.8 72.2 108.4

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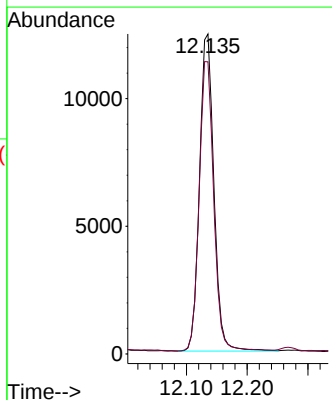
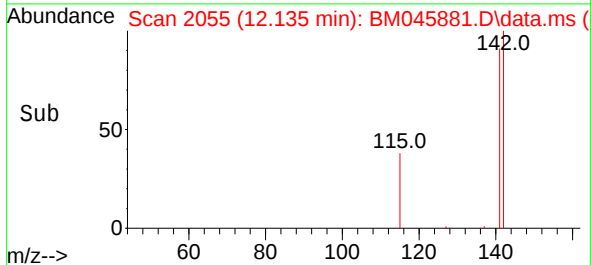
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

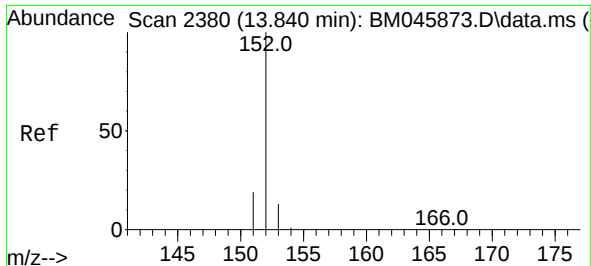


#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18



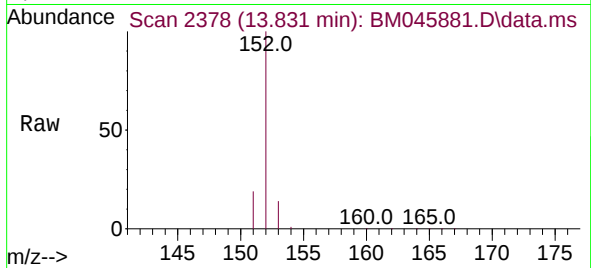
Tgt Ion:142 Resp: 20393
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3





#10
Acenaphthylene
Concen: 1.421 ng/ul
RT: 13.831 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

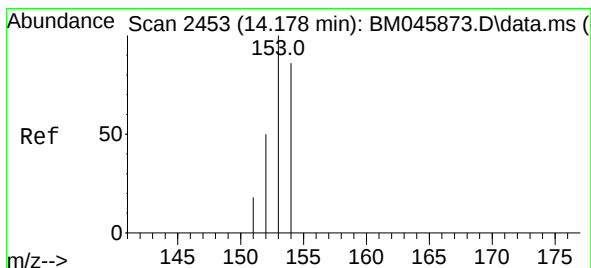
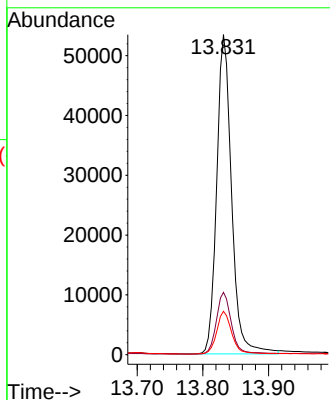
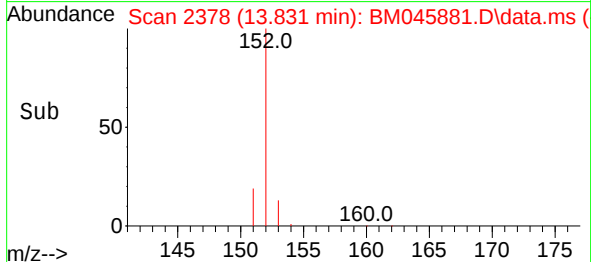
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion:152 Resp: 8406
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.5 11.1 16.7

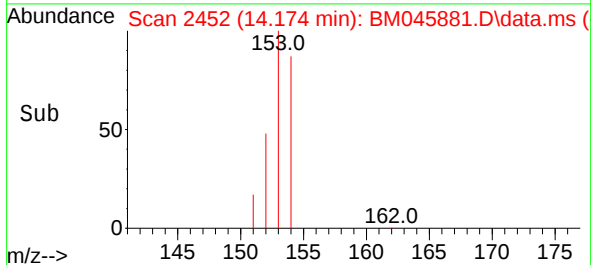
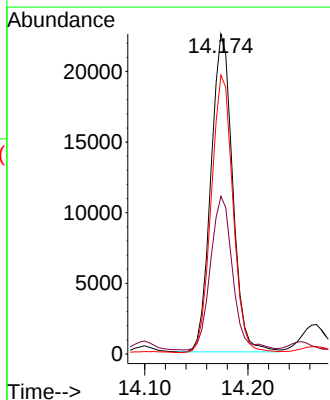
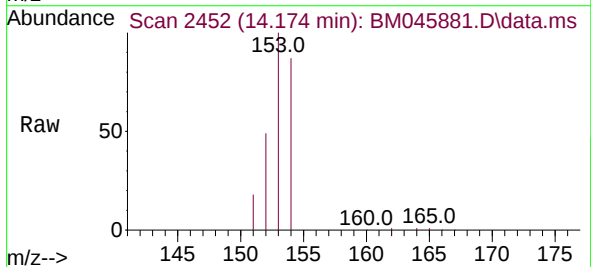
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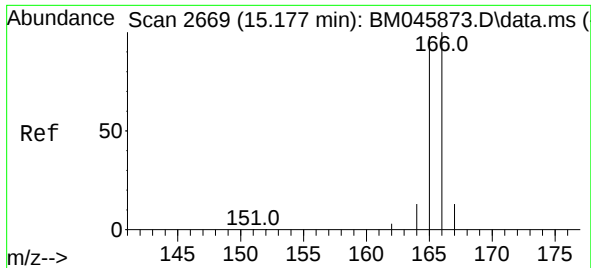
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#11
Acenaphthene
Concen: 0.759 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

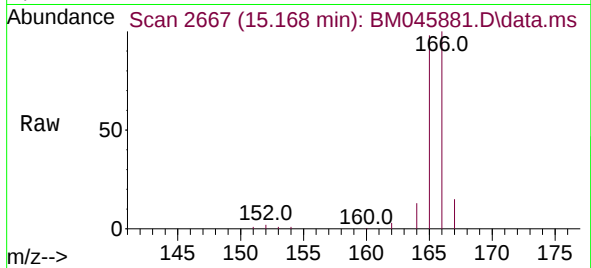
Tgt Ion:153 Resp: 32971
Ion Ratio Lower Upper
153 100
152 49.2 39.0 58.4
154 87.1 69.4 104.2





#12
Fluorene
Concen: 0.868 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.008 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

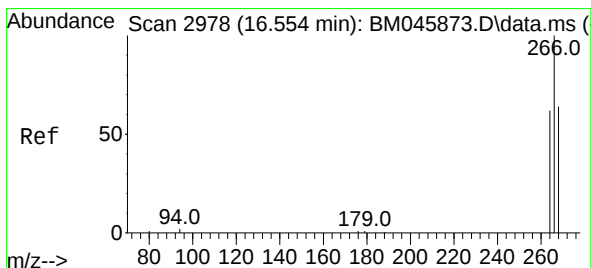
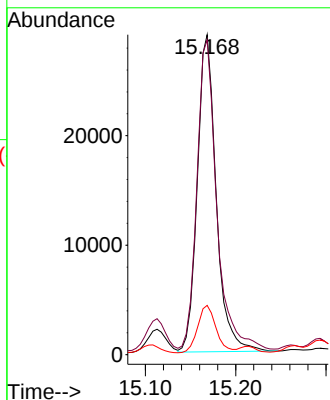
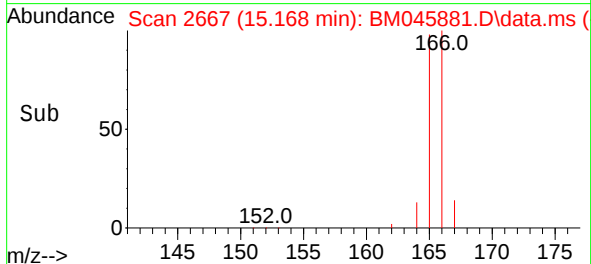
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion:166 Resp: 4215
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 15.4 11.3 16.9

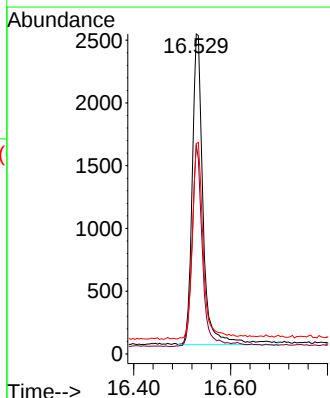
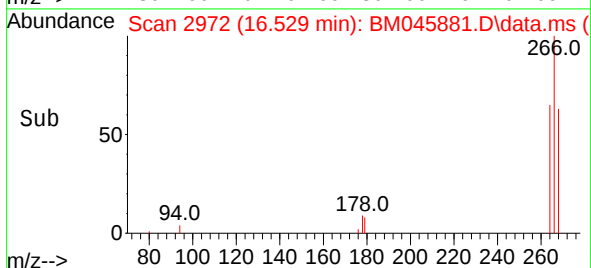
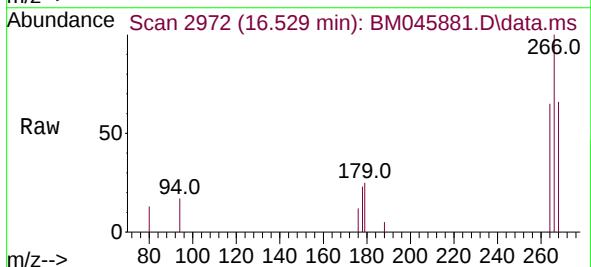
Manual Integrations
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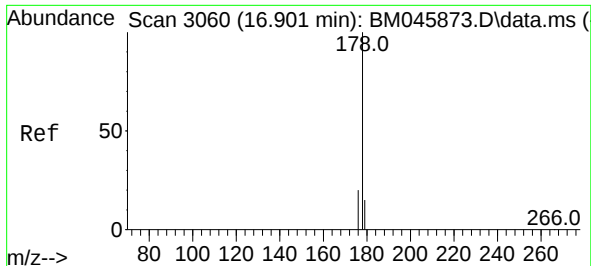
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#14
Pentachlorophenol
Concen: 0.769 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.024 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

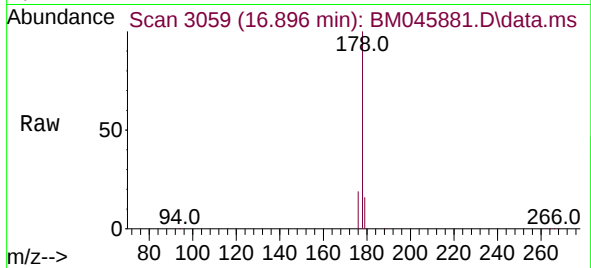
Tgt Ion:266 Resp: 3861
Ion Ratio Lower Upper
266 100
264 62.9 47.9 71.9
268 63.9 50.9 76.3





#15
Phenanthrene
Concen: 9.379 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

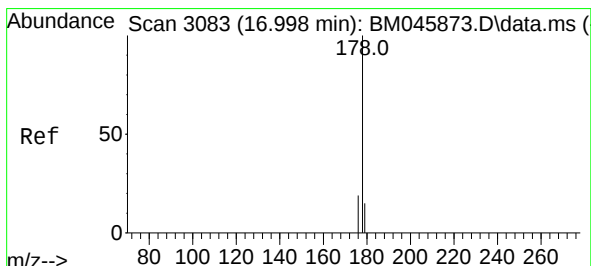
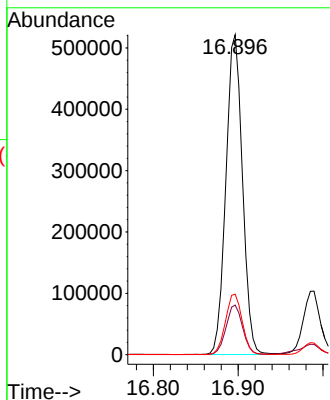
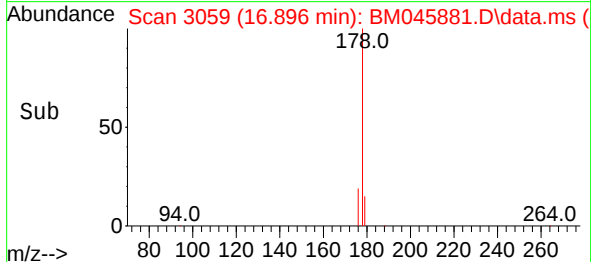
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion:178 Resp: 707222
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.9 15.6 23.4

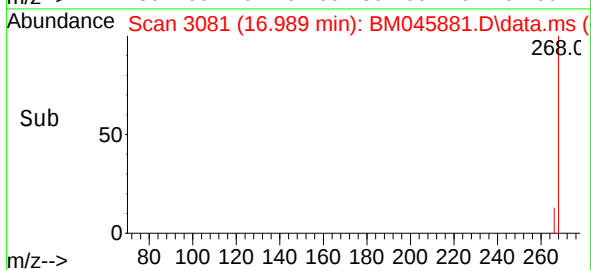
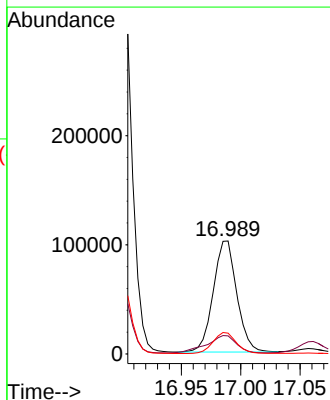
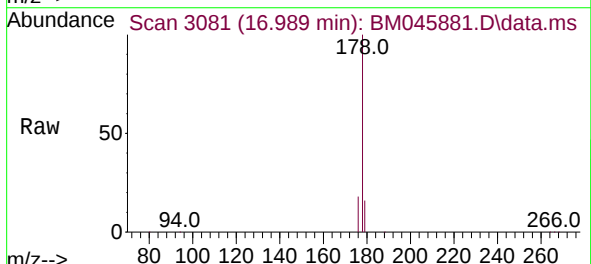
Manual Integrations
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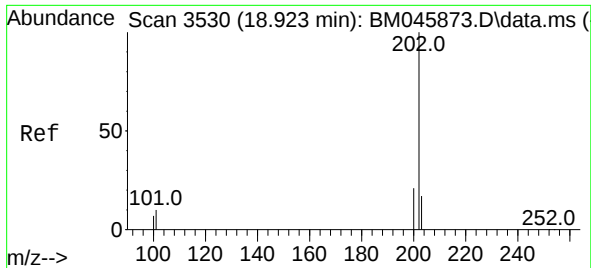
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 2.188 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

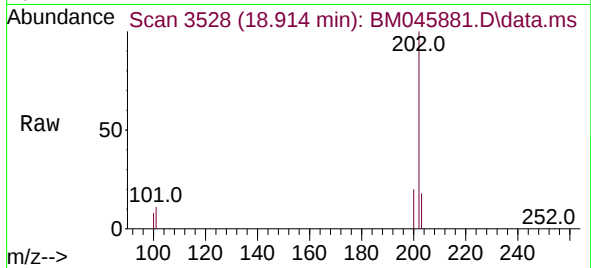
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Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 18.4 15.5 23.3





#19
Fluoranthene
Concen: 19.473 ng/ul
RT: 18.914 min Scan# 3528
Delta R.T. -0.008 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

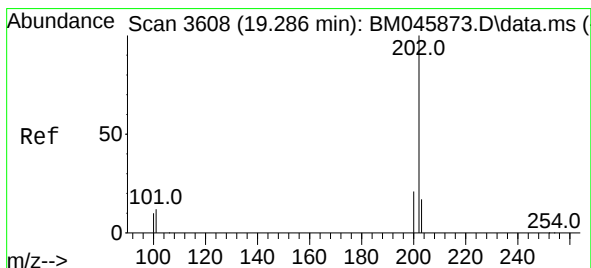
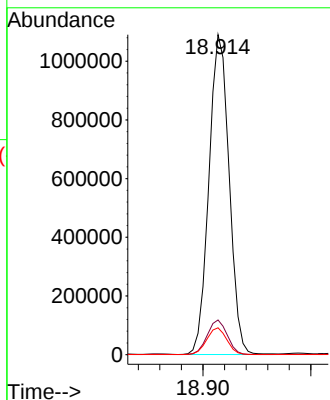
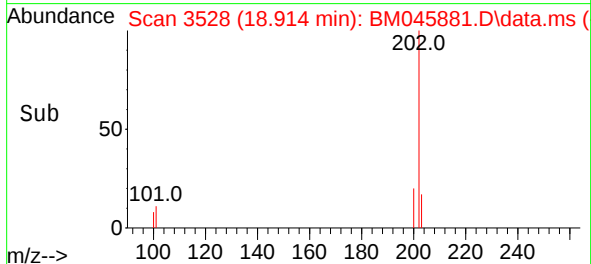
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BNA_M
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A4D18MS



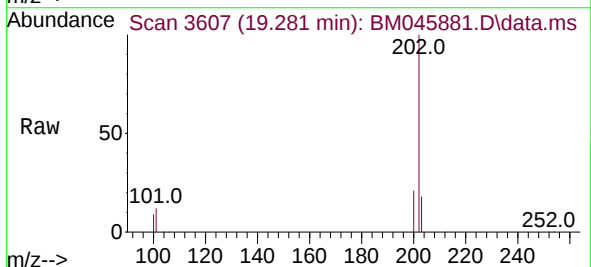
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Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.6
100 8.4 7.0 10.6

Manual Integrations
APPROVED

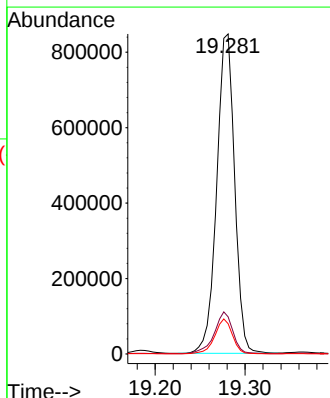
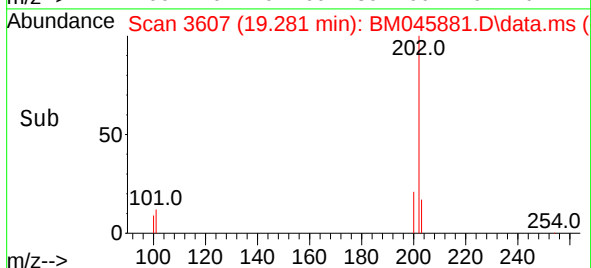
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

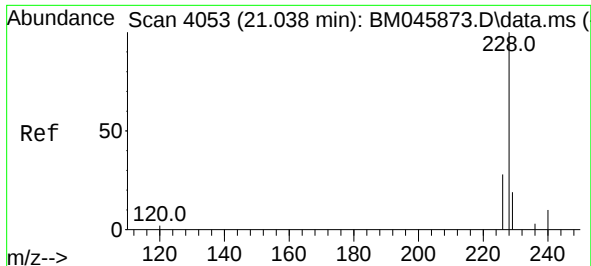


#20
Pyrene
Concen: 15.431 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18



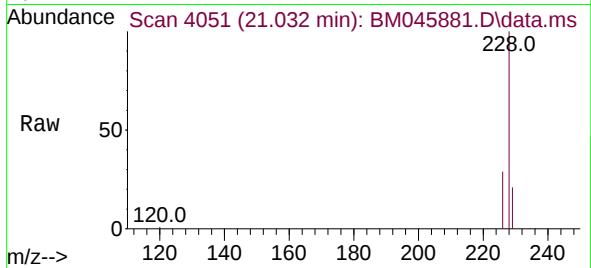
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Ion Ratio Lower Upper
202 100
101 11.6 10.6 16.0
100 9.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 9.254 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

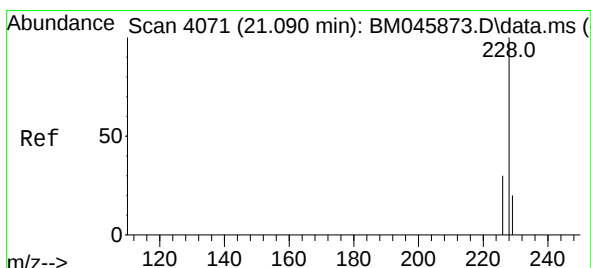
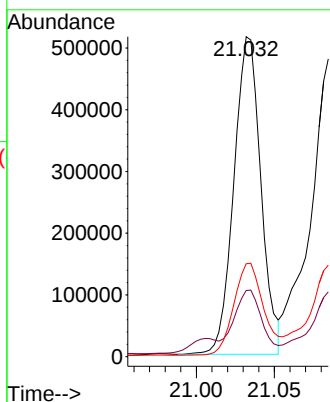
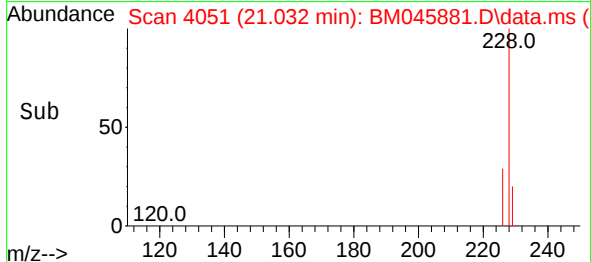
Instrument :
BNA_M
ClientSampleId :
A4D18MS



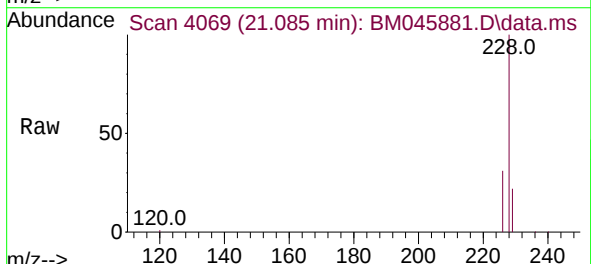
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Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 29.1 22.0 33.0

Manual Integrations
APPROVED

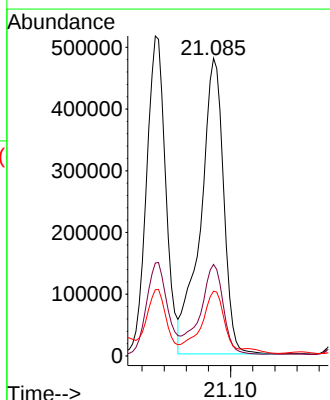
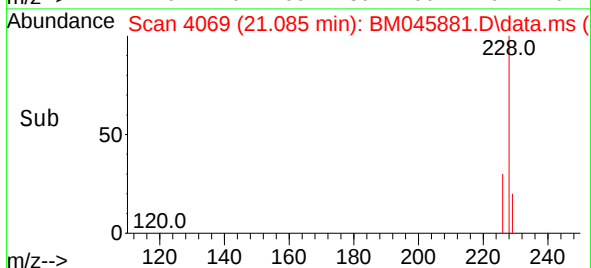
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

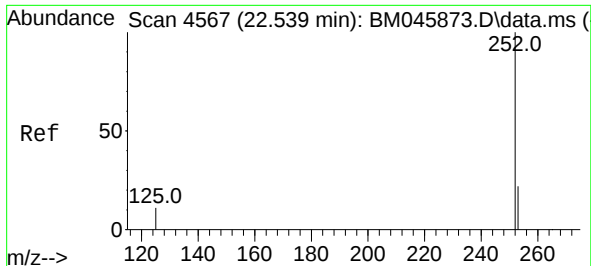


#22
Chrysene
Concen: 9.492 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18



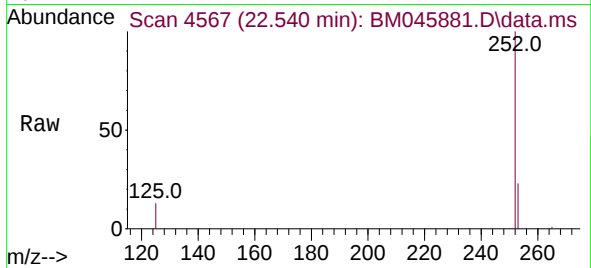
Tgt Ion:228 Resp: 691234
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 11.664 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

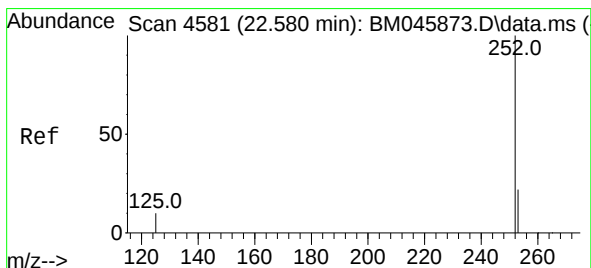
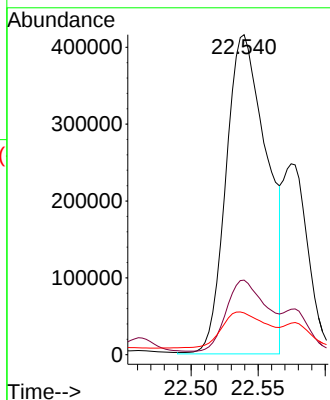
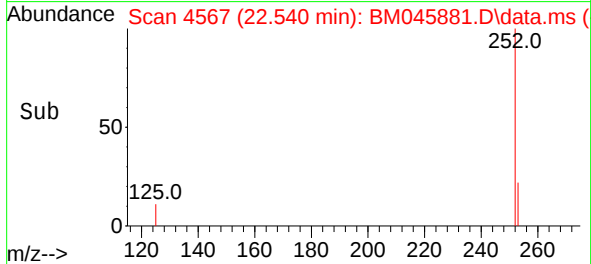
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion:252 Resp: 879978
Ion Ratio Lower Upper
252 100
253 23.3 0.0 63.6
125 13.1 0.0 35.8

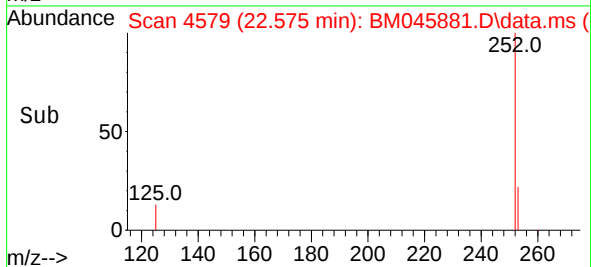
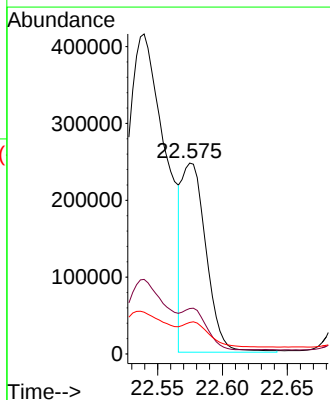
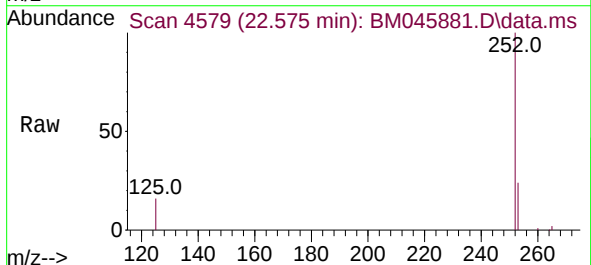
Manual Integrations
APPROVED

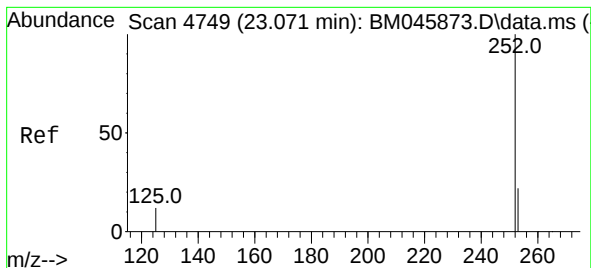
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 3.880 ng/ul m
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

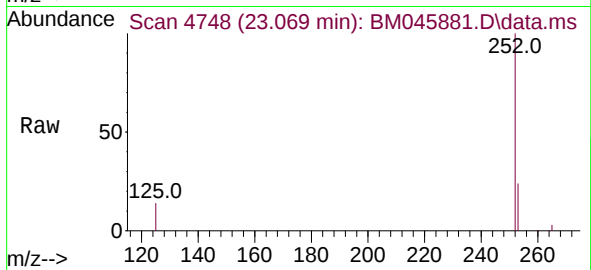
Tgt Ion:252 Resp: 321714
Ion Ratio Lower Upper
252 100
253 23.8 25.0 37.6#
125 16.5 14.2 21.2





#26
Benzo(a)pyrene
Concen: 5.332 ng/ul
RT: 23.069 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

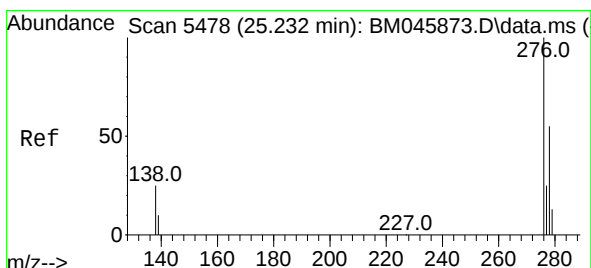
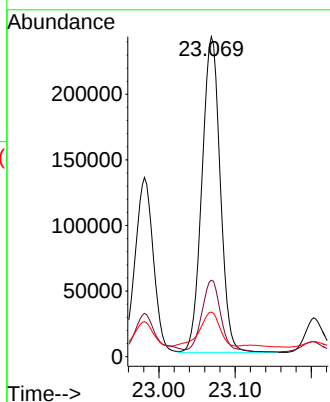
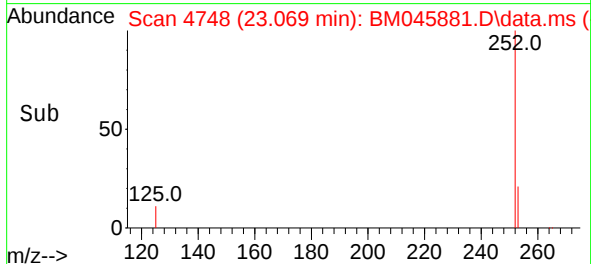
Instrument :
BNA_M
ClientSampleId :
A4D18MS



Tgt Ion:252 Resp: 400032
Ion Ratio Lower Upper
252 100
253 23.9 28.8 43.2
125 14.0 17.3 25.9

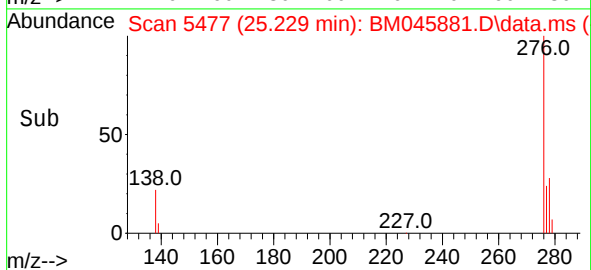
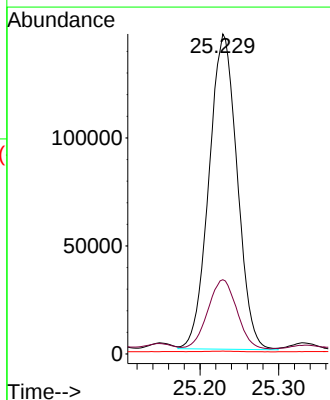
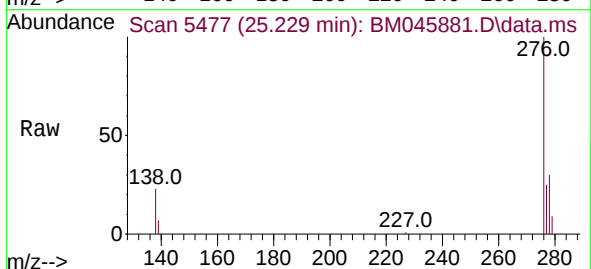
Manual Integrations
APPROVED

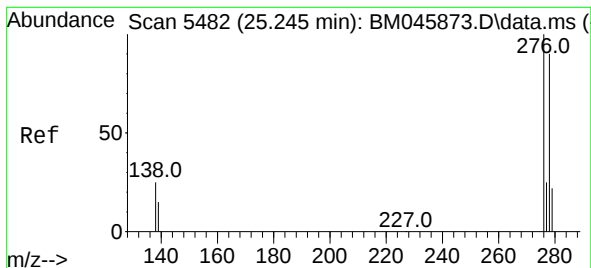
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.746 ng/ul
RT: 25.229 min Scan# 5477
Delta R.T. -0.003 min
Lab File: BM045881.D
Acq: 07 Jun 2024 14:18

Tgt Ion:276 Resp: 363434
Ion Ratio Lower Upper
276 100
138 22.5 20.7 31.1
227 0.3 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 1.598 ng/ul

RT: 25.236 min Scan# 54

Delta R.T. -0.013 min

Lab File: BM045881.D

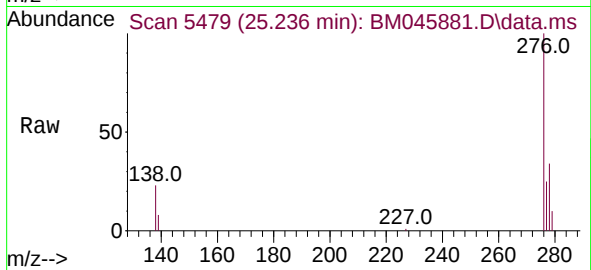
Acq: 07 Jun 2024 14:18

Instrument :

BNA_M

ClientSampleId :

A4D18MS



Tgt Ion:278 Resp: 123938

Ion Ratio Lower Upper

278 100

139 22.4 16.6 25.0

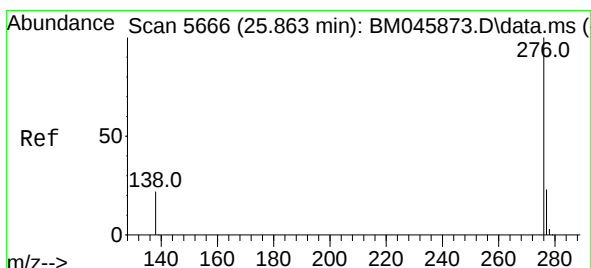
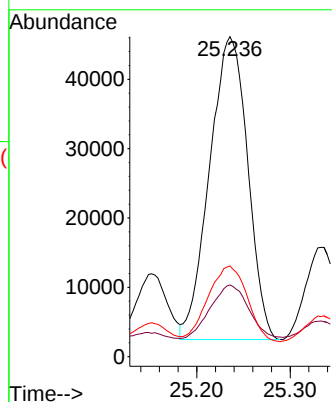
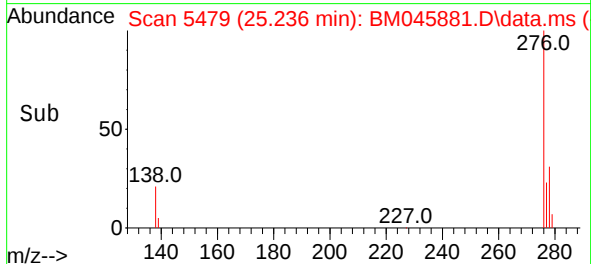
279 28.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.697 ng/ul

RT: 25.859 min Scan# 5665

Delta R.T. -0.003 min

Lab File: BM045881.D

Acq: 07 Jun 2024 14:18

Tgt Ion:276 Resp: 58277

Ion Ratio Lower Upper

276 100

138 29.7 21.0 31.4

277 28.3 20.5 30.7

