

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046110.D
 Acq On : 20 Jun 2024 06:21
 Operator : MA/JU
 Sample : P2696-10MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 06:50:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2543	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.237	136	7178	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.089	164	4166	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.828	188	8497	0.400	ng/ul	-0.03
17) Chrysene-d12	21.012	240	7814	0.400	ng/ul	#-0.03
23) Perylene-d12	23.110	264	10841	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	1132	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	1974	0.205	ng/ul	-0.02
18) Fluoranthene-d10	18.847	212	4815	0.206	ng/ul	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.067	88	3173	0.811	ng/ul	90
5) Naphthalene	10.286	128	6479	0.324	ng/ul	99
7) 2-Methylnaphthalene	11.920	142	3139	0.279	ng/ul	99
8) 1-Methylnaphthalene	12.129	142	3191	0.258	ng/ul	98
10) Acenaphthylene	13.812	152	9585	0.485	ng/ul	99
11) Acenaphthene	14.149	153	5868	0.411	ng/ul	99
12) Fluorene	15.148	166	6358	0.415	ng/ul	99
14) Pentachlorophenol	16.511	266	770	0.302	ng/ul	97
15) Phenanthrene	16.866	178	84947	3.558	ng/ul	96
16) Anthracene	16.963	178	17869	1.005	ng/ul	97
19) Fluoranthene	18.880	202	245282	7.250	ng/ul	98
20) Pyrene	19.243	202	173452	4.741	ng/ul	97
21) Benzo(a)anthracene	20.997	228	102761	3.405	ng/ul	100
22) Chrysene	21.050	228	129243	3.355	ng/ul	100
24) Benzo(b)fluoranthene	22.490	252	191067m	4.892	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	76119m	1.639	ng/ul	
26) Benzo(a)pyrene	23.016	252	64327	1.777	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.152	276	75868	1.281	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.159	278	29095	0.660	ng/ul	95
29) Benzo(g,h,i)perylene	25.779	276	10799	0.213	ng/ul	92

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

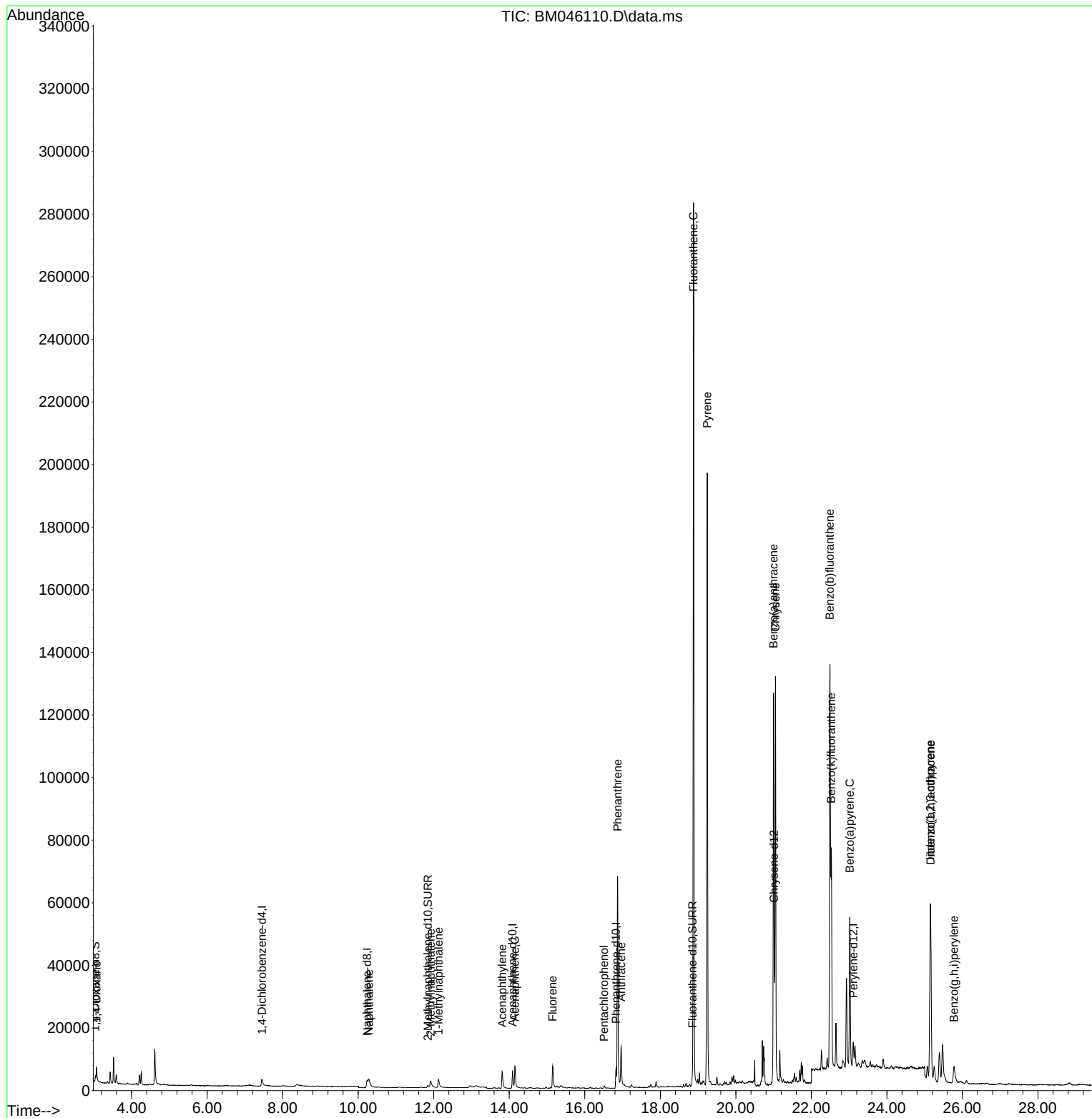
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046110.D
Acq On : 20 Jun 2024 06:21
Operator : MA/JU
Sample : P2696-10MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

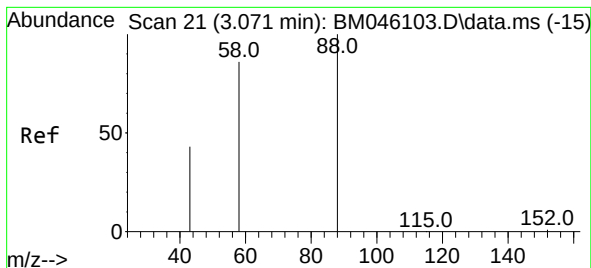
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD

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Supervised By :mohammad ahmed 06/21/2024

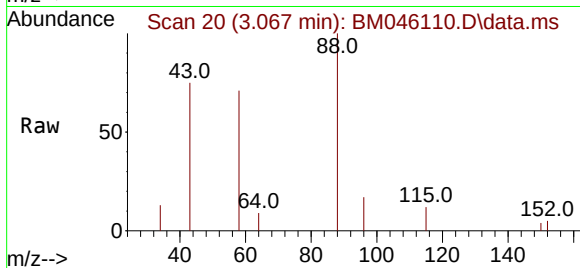
Quant Time: Jun 20 06:50:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.811 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

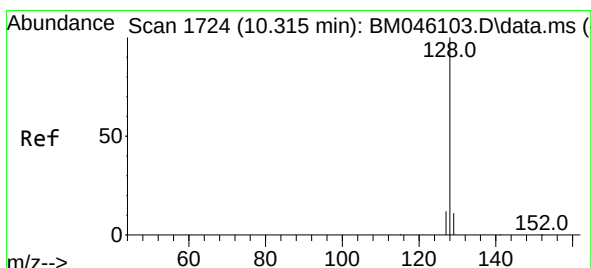
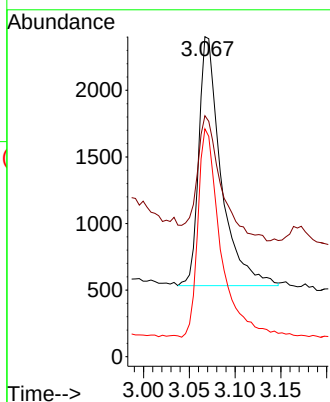
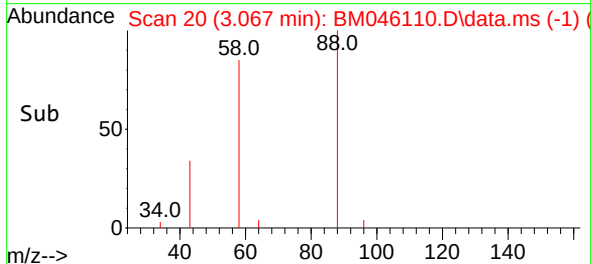
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



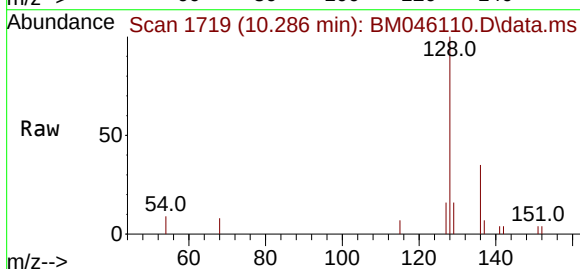
Tgt Ion: 88 Resp: 317
Ion Ratio Lower Upper
88 100
43 75.3 69.8 104.8
58 71.2 53.2 79.8

Manual Integrations
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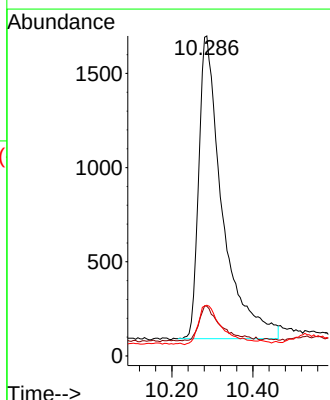
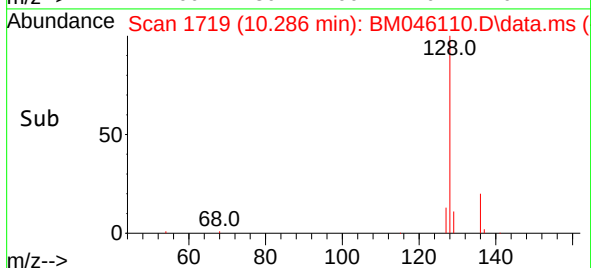
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

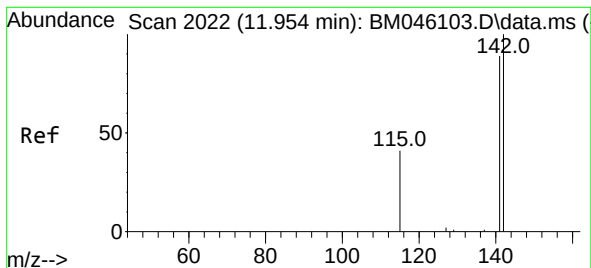


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.016 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21



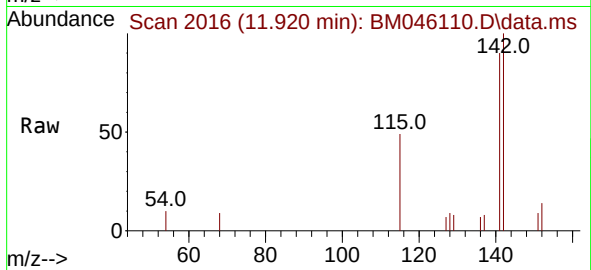
Tgt Ion:128 Resp: 6479
Ion Ratio Lower Upper
128 100
129 15.5 11.8 17.6
127 15.8 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.027 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

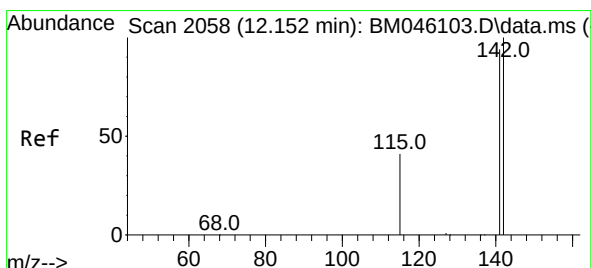
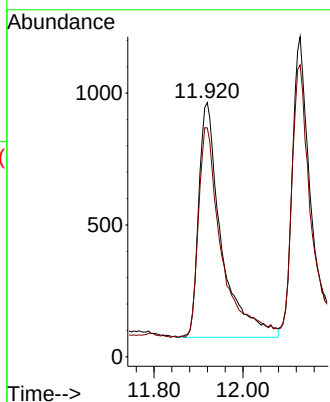
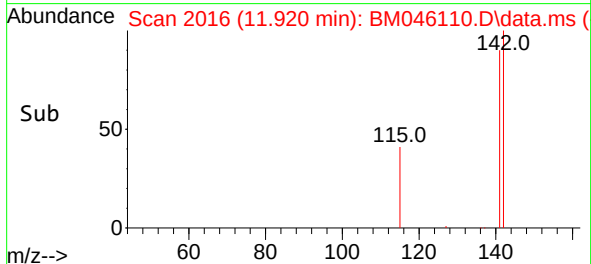
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



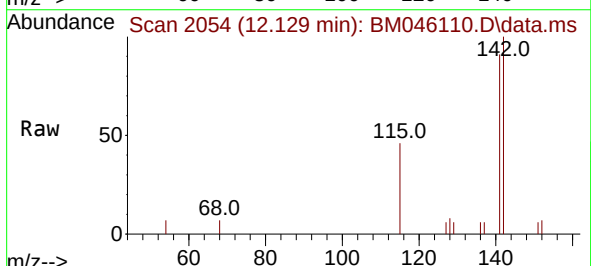
Tgt Ion:142 Resp: 3139
Ion Ratio Lower Upper
142 100
141 91.9 74.6 111.8

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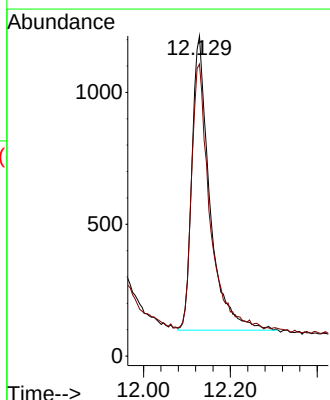
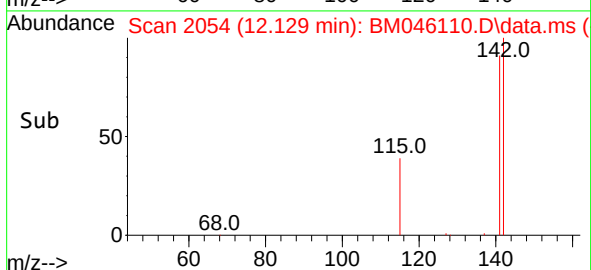
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

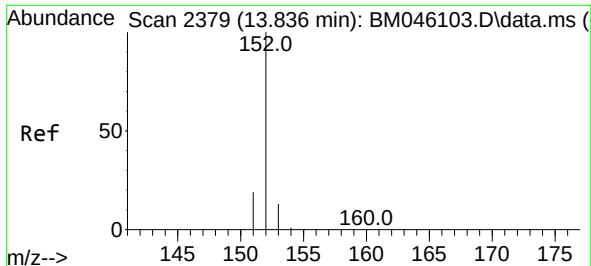


#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.022 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21



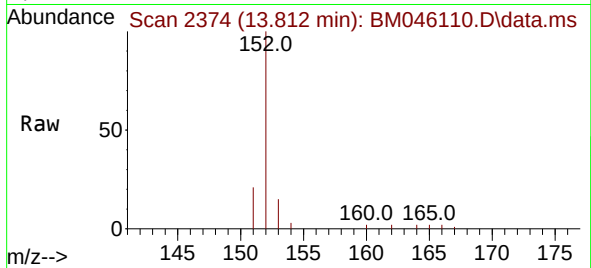
Tgt Ion:142 Resp: 3191
Ion Ratio Lower Upper
142 100
141 91.9 75.2 112.8





#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 13.812 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

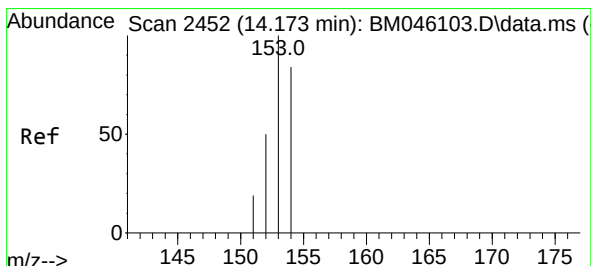
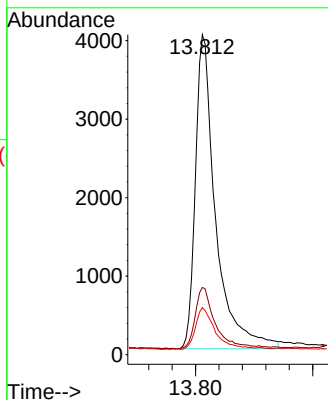
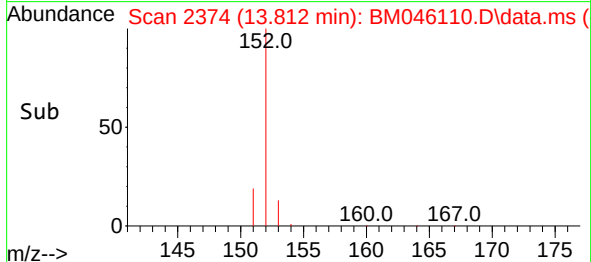
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:152 Resp: 958
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.2
153 14.7 11.8 17.8

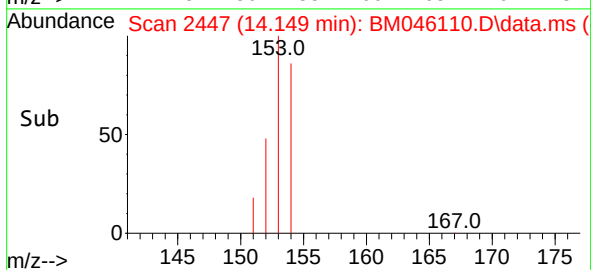
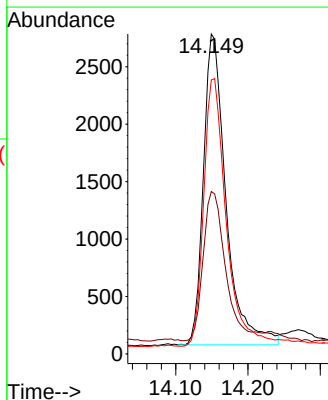
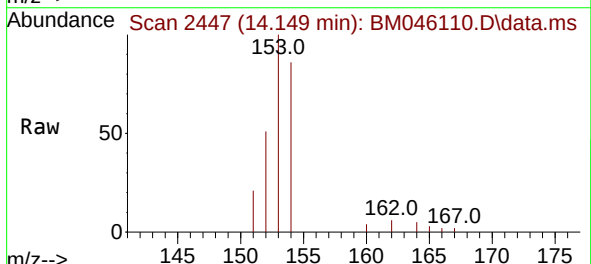
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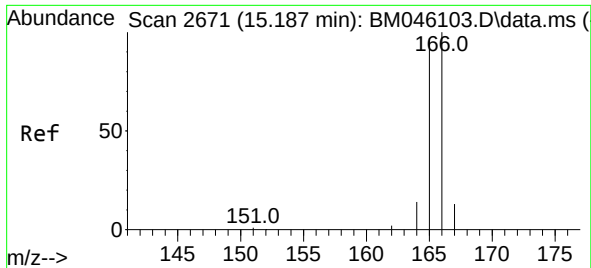
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.149 min Scan# 2447
Delta R.T. -0.023 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

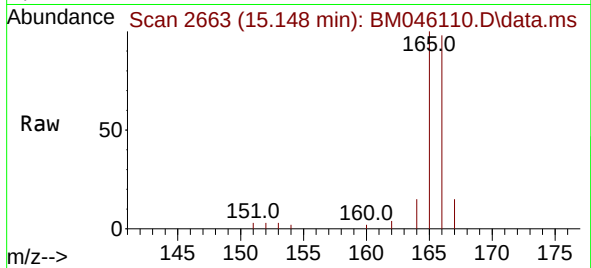
Tgt Ion:153 Resp: 5868
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 85.7 68.2 102.4





#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.148 min Scan# 2663
Delta R.T. -0.032 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

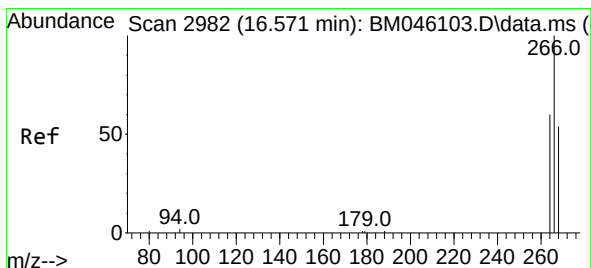
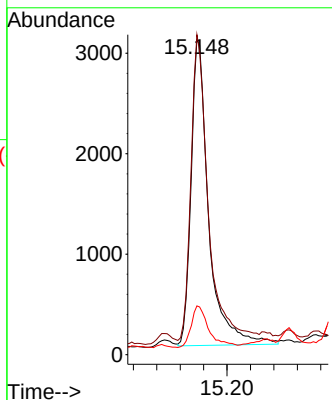
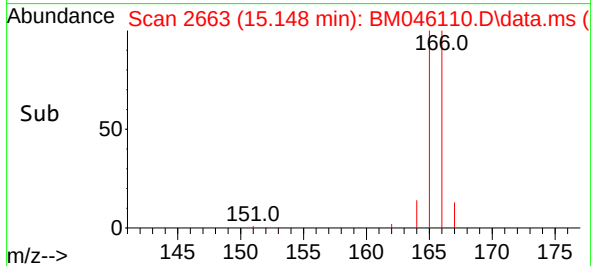
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:166 Resp: 6358
Ion Ratio Lower Upper
166 100
165 101.6 80.4 120.6
167 15.5 12.4 18.6

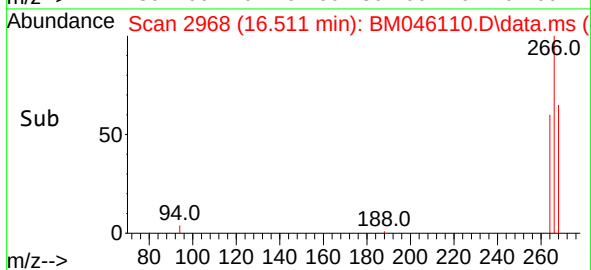
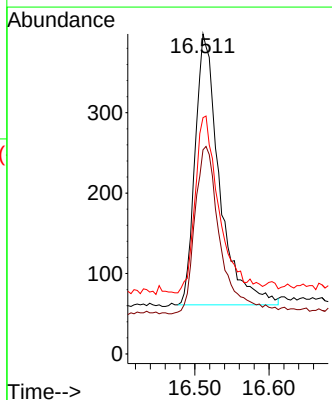
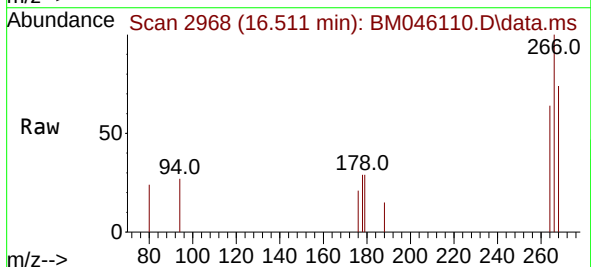
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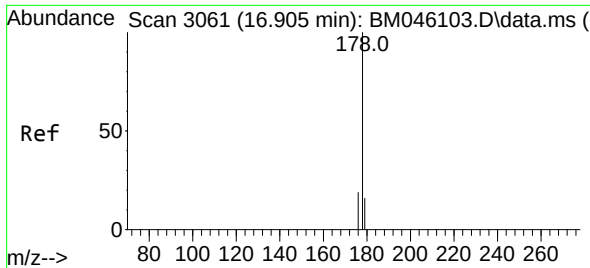
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#14
Pentachlorophenol
Concen: 0.302 ng/ul
RT: 16.511 min Scan# 2968
Delta R.T. -0.055 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

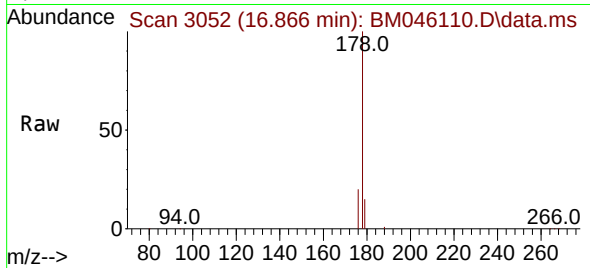
Tgt Ion:266 Resp: 770
Ion Ratio Lower Upper
266 100
264 66.8 50.9 76.3
268 64.5 52.3 78.5





#15
Phenanthrene
Concen: 3.558 ng/ul
RT: 16.866 min Scan# 3075
Delta R.T. -0.038 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

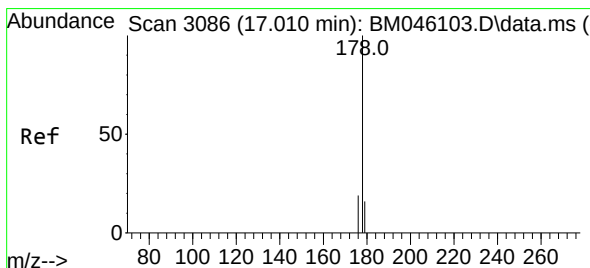
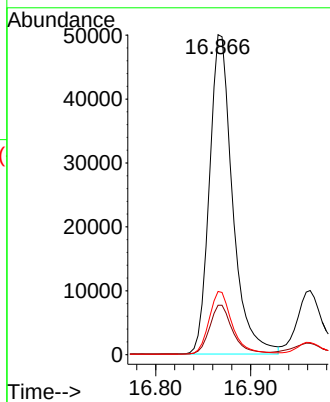
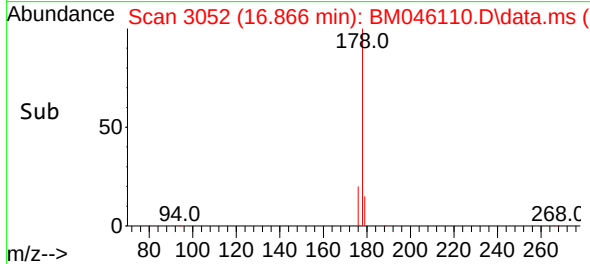
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:178 Resp: 8494
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.7 17.1 25.7

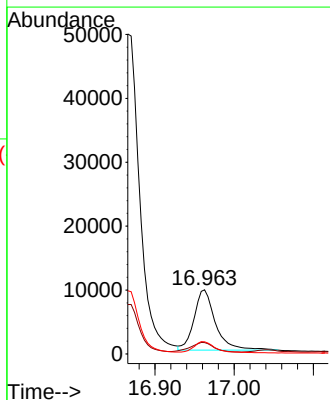
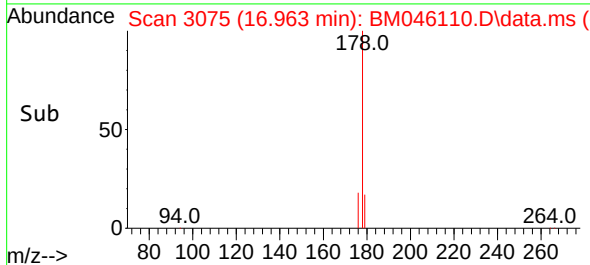
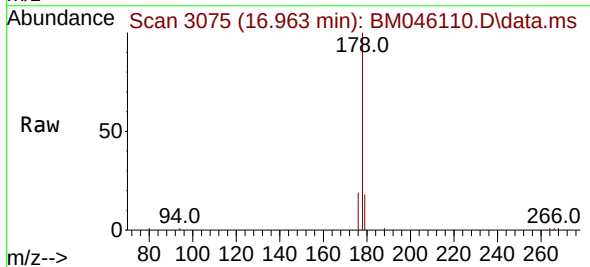
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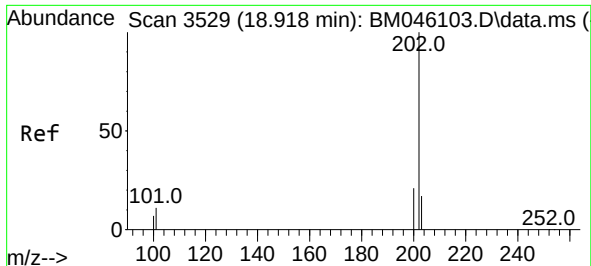
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 1.005 ng/ul
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

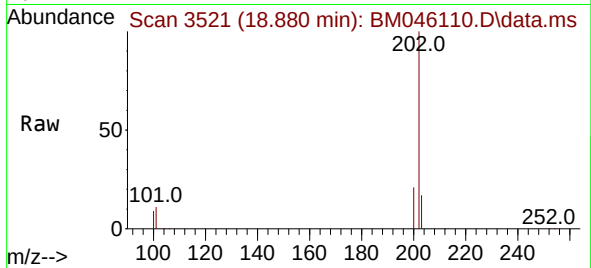
Tgt Ion:178 Resp: 17869
Ion Ratio Lower Upper
178 100
179 17.6 14.9 22.3
176 19.0 17.0 25.4





#19
Fluoranthene
Concen: 7.250 ng/ul
RT: 18.880 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

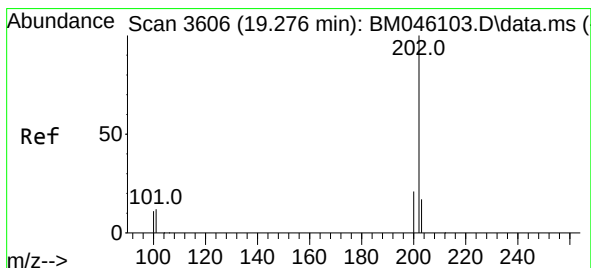
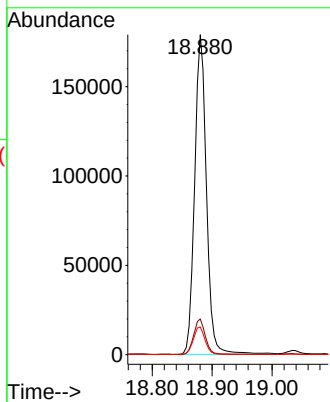
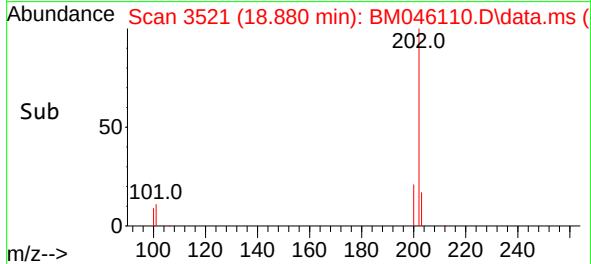
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:202 Resp: 24528
Ion Ratio Lower Upper
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101 11.2 9.6 14.4
100 8.7 7.6 11.4

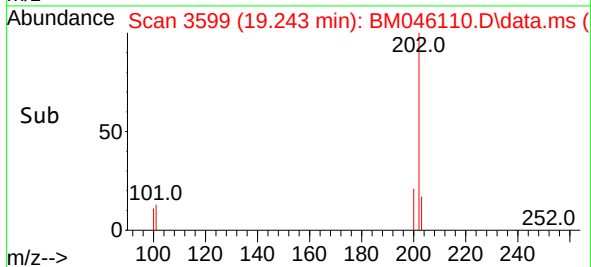
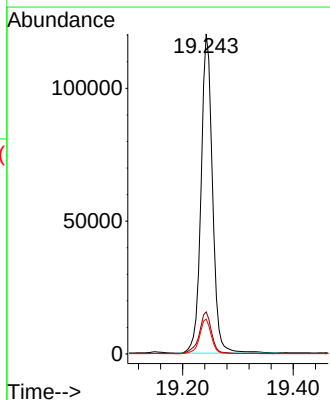
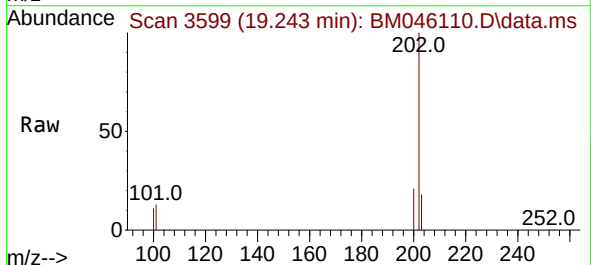
Manual Integrations
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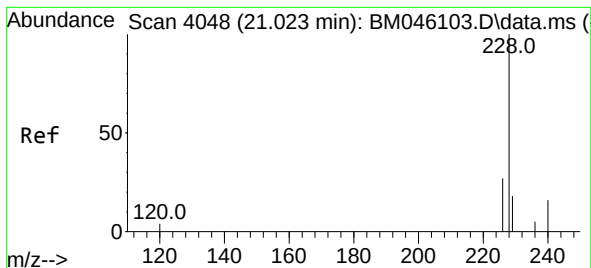
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 4.741 ng/ul
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

Tgt Ion:202 Resp: 173452
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 10.8 9.8 14.6





#21

Benzo(a)anthracene

Concen: 3.405 ng/u1

RT: 20.997 min Scan# 4039

Delta R.T. -0.032 min

Lab File: BM046110.D

Acq: 20 Jun 2024 06:21

Instrument :

BNM

ClientSampleId :

A4BN7MSD

Tgt Ion:228 Resp: 10276

Ion Ratio Lower Upper

228 100

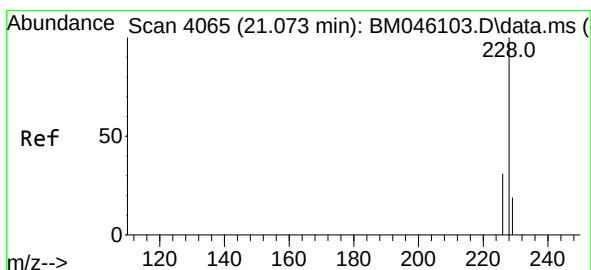
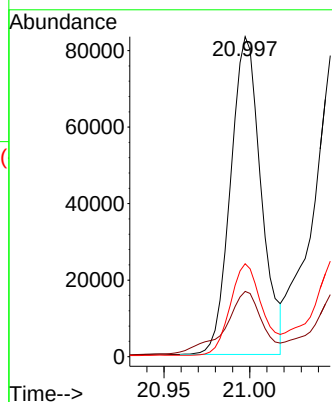
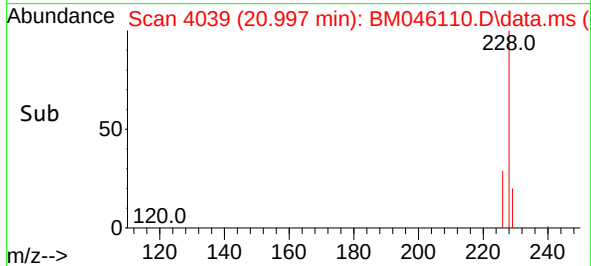
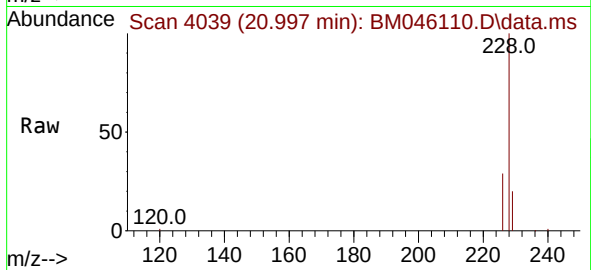
229 20.4 16.4 24.6

226 29.1 23.4 35.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22

Chrysene

Concen: 3.355 ng/u1

RT: 21.050 min Scan# 4057

Delta R.T. -0.026 min

Lab File: BM046110.D

Acq: 20 Jun 2024 06:21

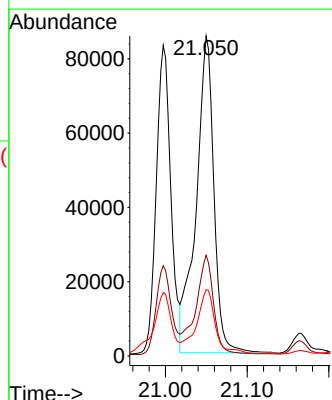
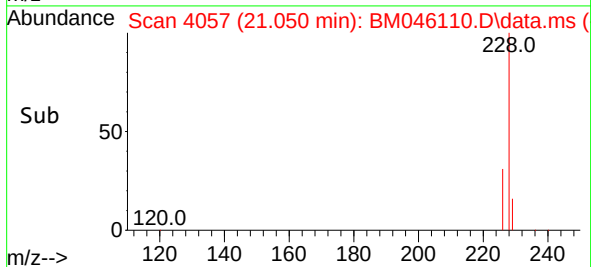
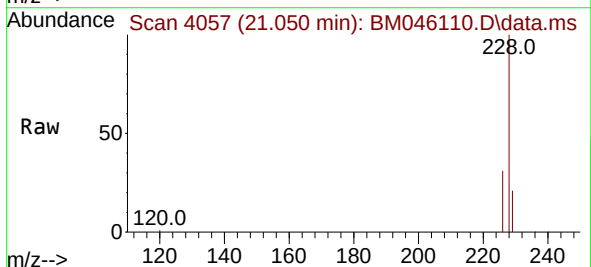
Tgt Ion:228 Resp: 129243

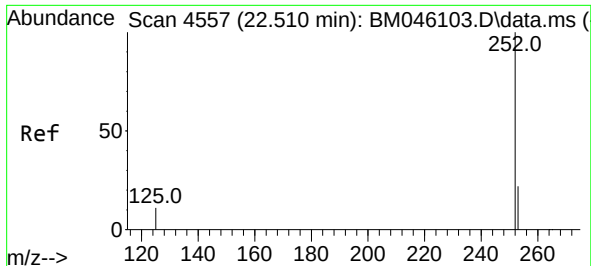
Ion Ratio Lower Upper

228 100

226 31.4 25.2 37.8

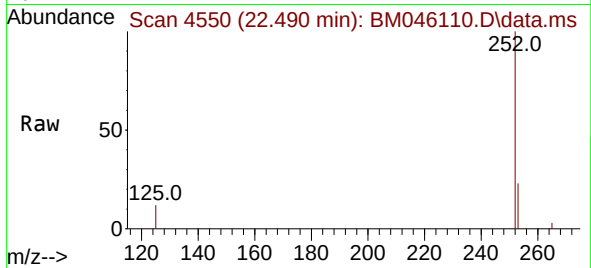
229 20.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.892 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

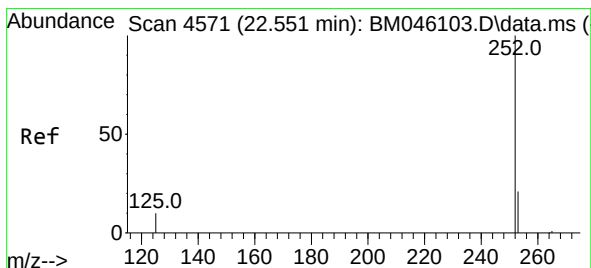
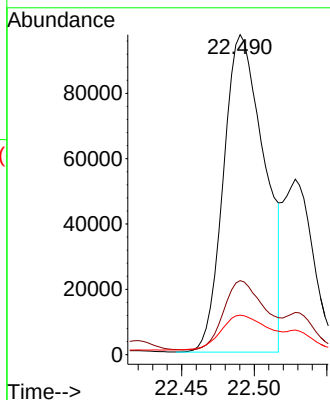
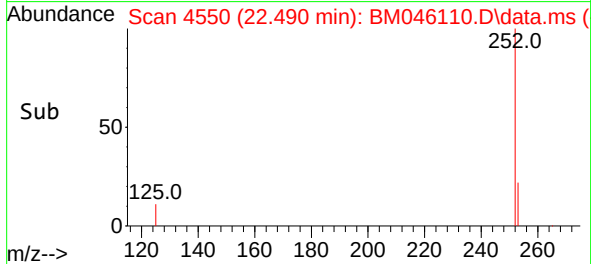
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:252 Resp: 19106
Ion Ratio Lower Upper
252 100
253 23.2 0.0 65.8
125 12.3 0.0 40.2

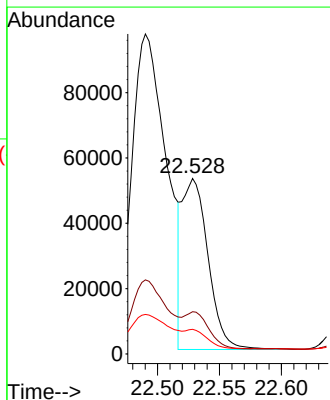
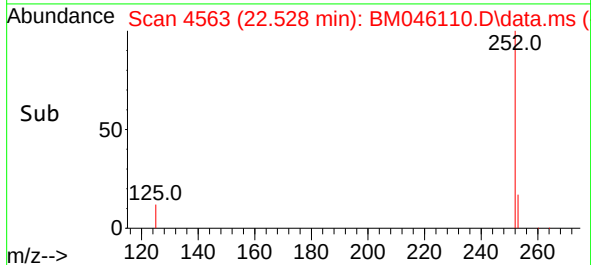
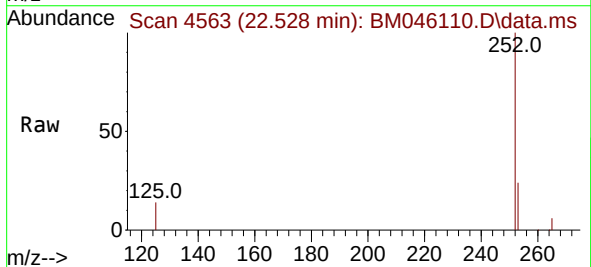
Manual Integrations
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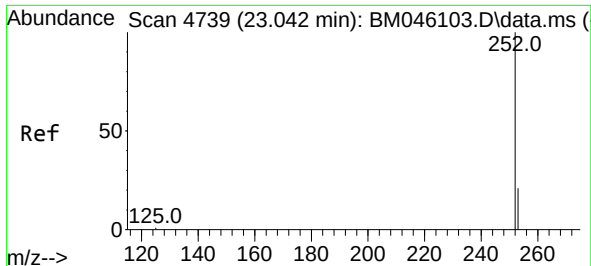
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.639 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

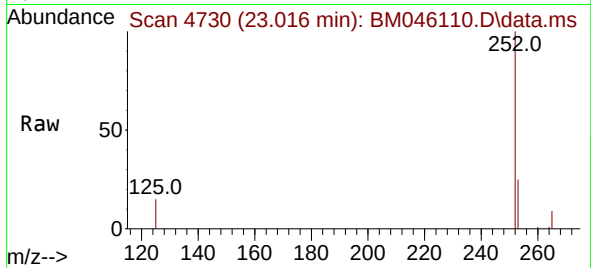
Tgt Ion:252 Resp: 76119
Ion Ratio Lower Upper
252 100
253 24.0 27.2 40.8#
125 14.0 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.777 ng/ul
RT: 23.016 min Scan# 41
Delta R.T. -0.038 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

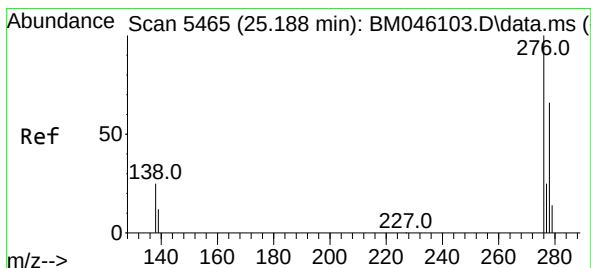
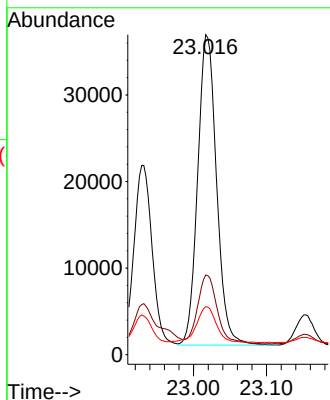
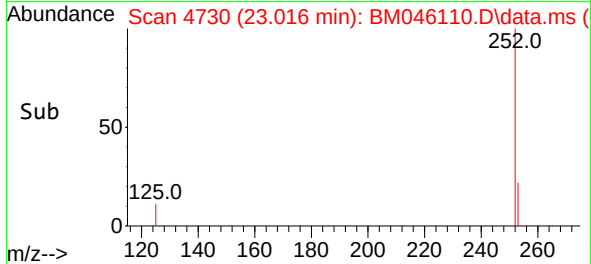
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



Tgt Ion:252 Resp: 6432
Ion Ratio Lower Upper
252 100
253 24.9 32.1 48.1
125 15.0 21.2 31.8

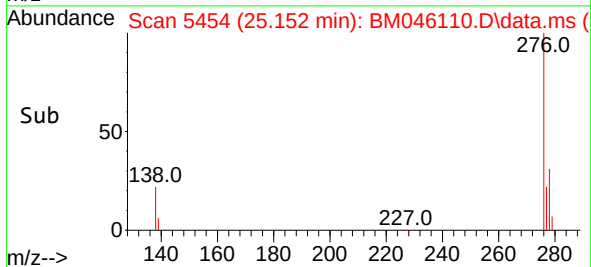
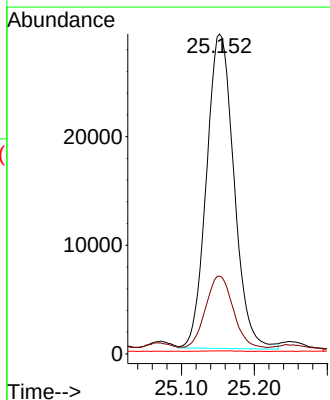
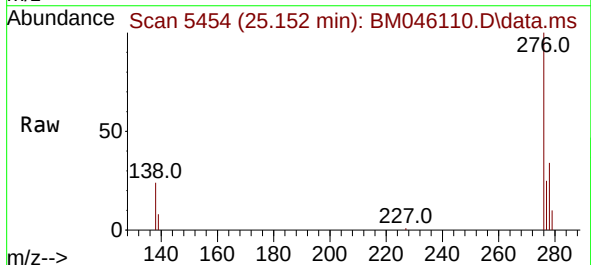
Manual Integrations
APPROVED

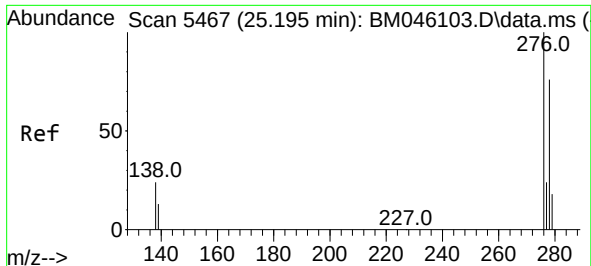
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.281 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

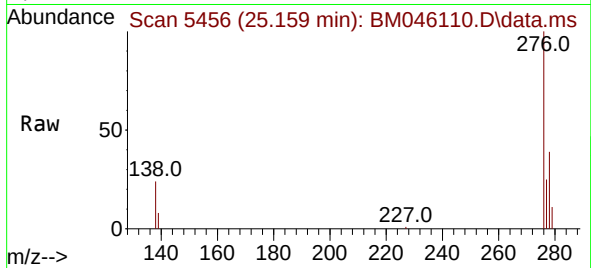
Tgt Ion:276 Resp: 75868
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.660 ng/ul
RT: 25.159 min Scan# 5467
Delta R.T. -0.057 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21

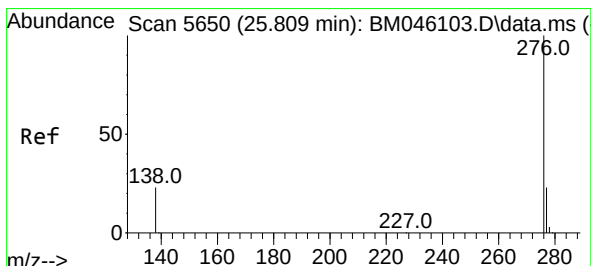
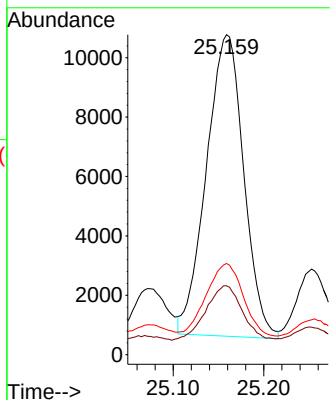
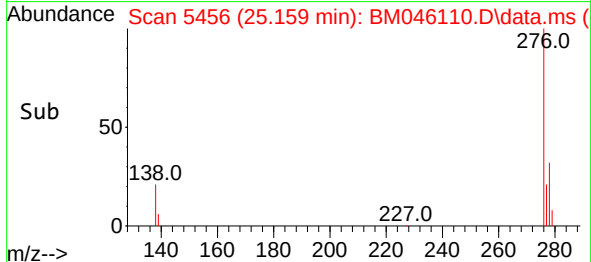
Instrument :
BNA_M
ClientSampleId :
A4BN7MSD



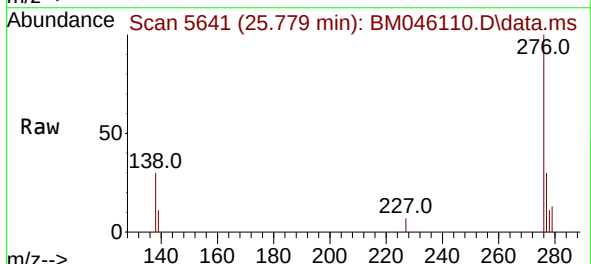
Tgt Ion:278 Resp: 2909
Ion Ratio Lower Upper
278 100
139 21.6 17.6 26.4
279 28.5 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.050 min
Lab File: BM046110.D
Acq: 20 Jun 2024 06:21



Tgt Ion:276 Resp: 10799
Ion Ratio Lower Upper
276 100
138 30.5 21.7 32.5
277 30.3 20.4 30.6

