

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046088.D
 Acq On : 19 Jun 2024 16:23
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 16:54:03 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	7.430	152	2229	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	6335	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.084	164	3434	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.823	188	7092m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	6057m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	7328m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10026	3.278	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.842	152	1752	0.206	ng/ul	-0.02
18) Fluoranthene-d10	18.857	212	4215	0.232	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.259	128	1598	0.090	ng/ul#	90
7) 2-Methylnaphthalene	11.914	142	463	0.047	ng/ul	94
8) 1-Methylnaphthalene	12.134	142	423	0.039	ng/ul	89
10) Acenaphthylene	13.797	152	4244	0.261	ng/ul	98
11) Acenaphthene	14.144	153	1896	0.161	ng/ul	98
12) Fluorene	15.139	166	2269	0.180	ng/ul#	97
15) Phenanthrene	16.861	178	60499m	3.036	ng/ul	
16) Anthracene	16.958	178	12177m	0.821	ng/ul	
19) Fluoranthene	18.884	202	172513	6.578	ng/ul	96
20) Pyrene	19.247	202	120643	4.254	ng/ul	97
21) Benzo(a)anthracene	21.006	228	73821	3.155	ng/ul	99
22) Chrysene	21.055	228	89492	2.997	ng/ul	100
24) Benzo(b)fluoranthene	22.499	252	136045m	5.153	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	47881m	1.525	ng/ul	
26) Benzo(a)pyrene	23.022	252	48602	1.987	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.165	276	54948	1.372	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.169	278	16947	0.569	ng/ul	97
29) Benzo(g,h,i)perylene	25.792	276	8701	0.253	ng/ul#	90

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

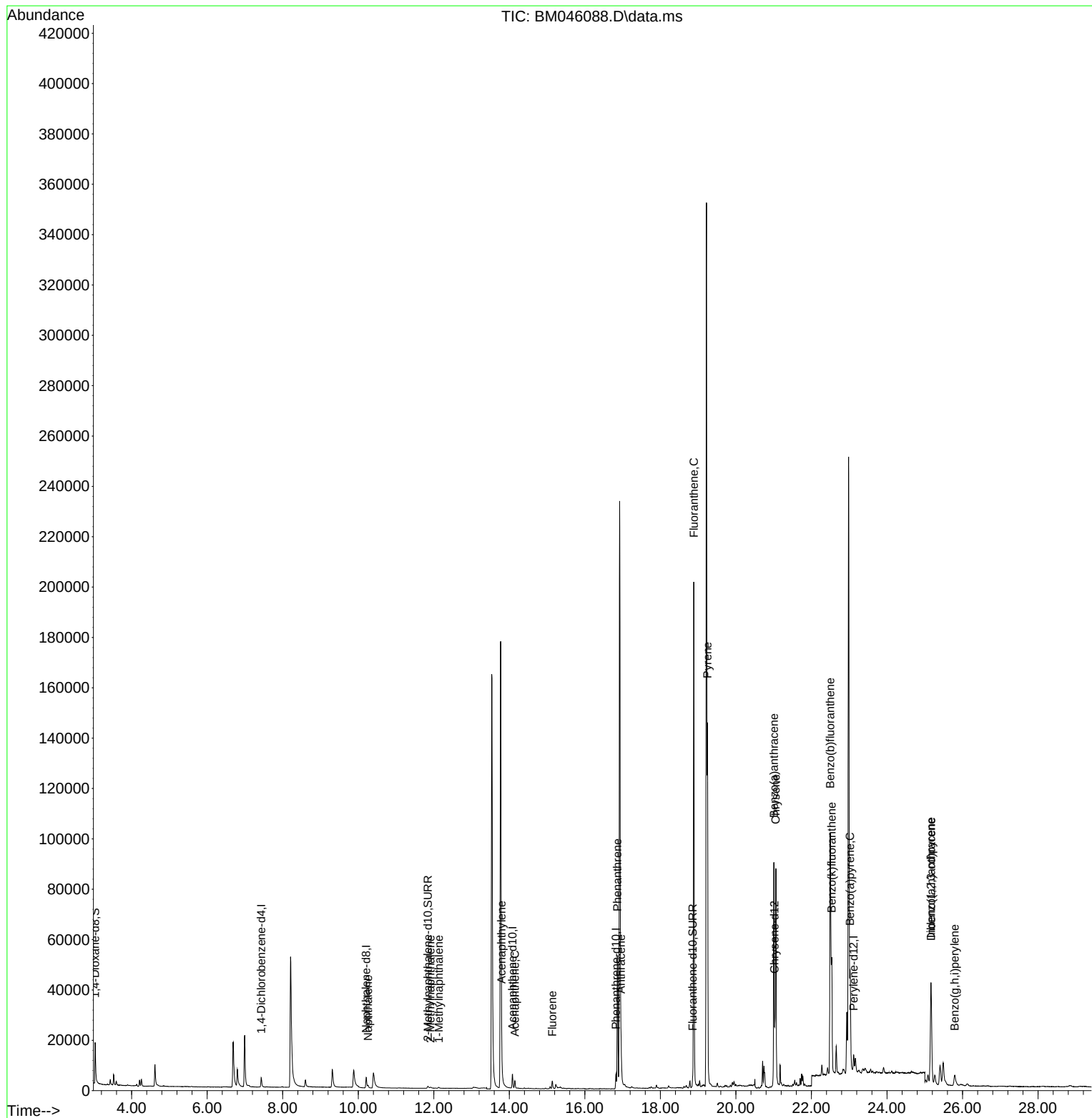
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046088.D
Acq On : 19 Jun 2024 16:23
Operator : MA/JU
Sample : P2695-05
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ALS Vial : 4 Sample Multiplier: 1

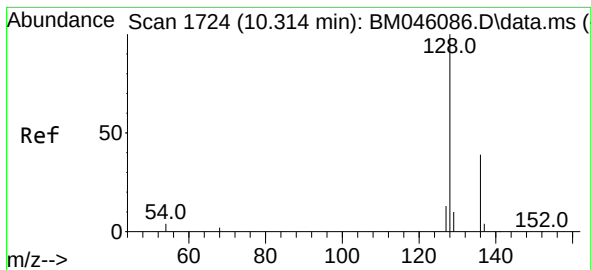
Instrument :
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Supervised By :mohammad ahmed 06/21/2024

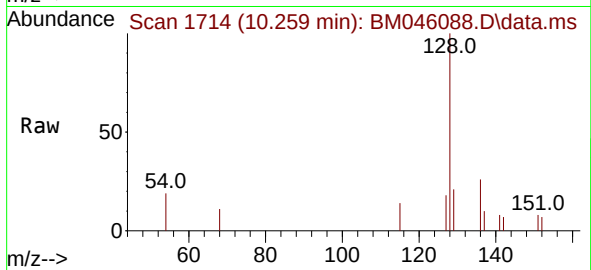
Quant Time: Jun 19 16:54:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

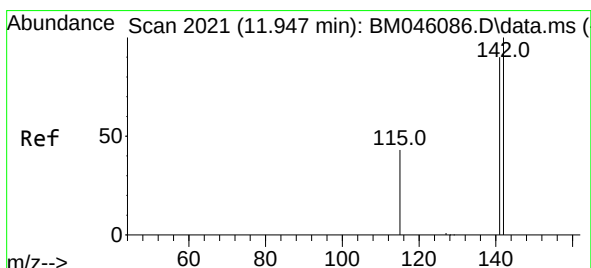
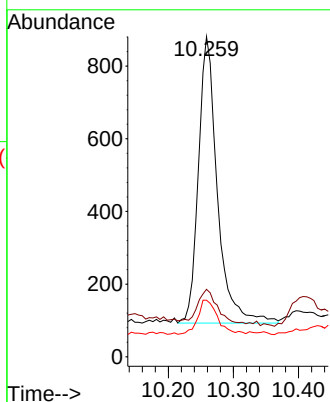
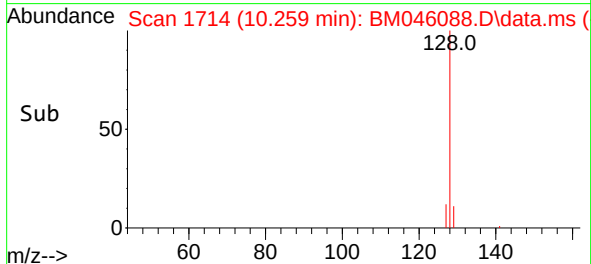
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:128 Resp: 1598
Ion Ratio Lower Upper
128 100
129 21.1 11.8 17.6
127 17.7 12.8 19.2

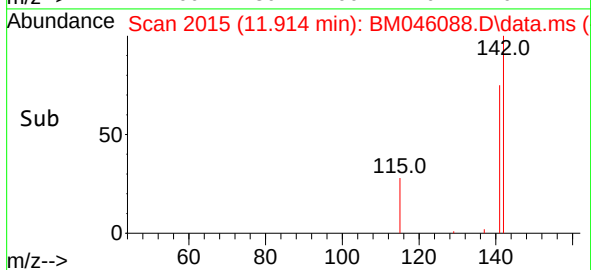
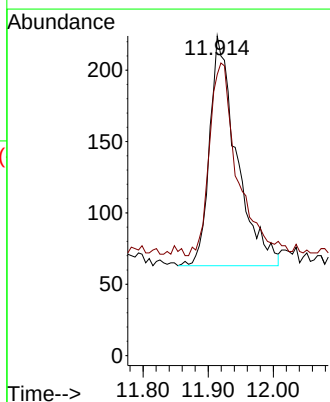
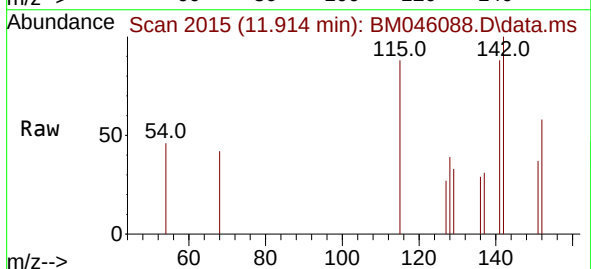
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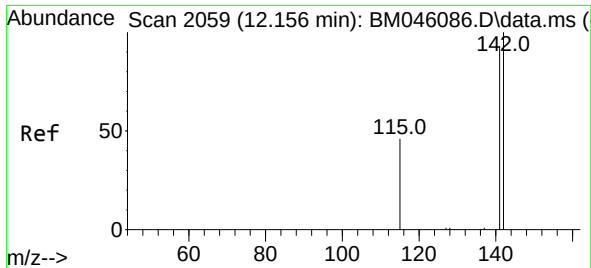
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.033 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

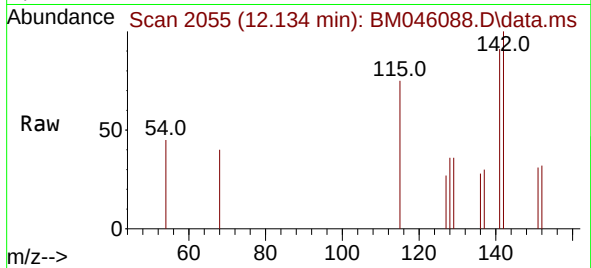
Tgt Ion:142 Resp: 463
Ion Ratio Lower Upper
142 100
141 87.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

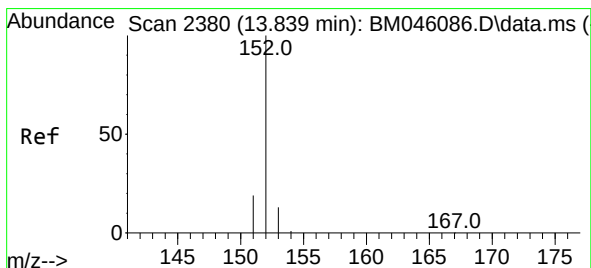
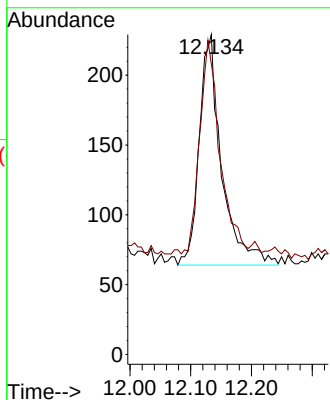
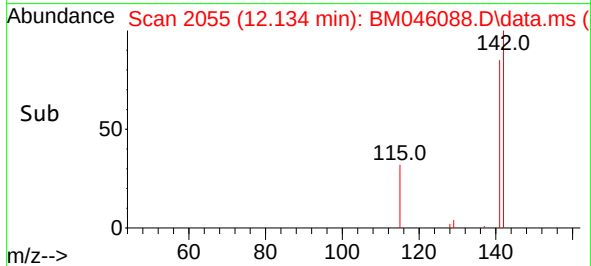
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 423
Ion Ratio Lower Upper
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141 83.5 75.2 112.8

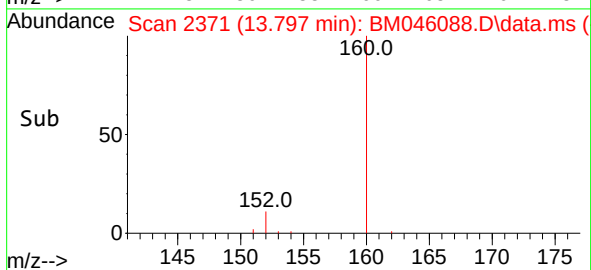
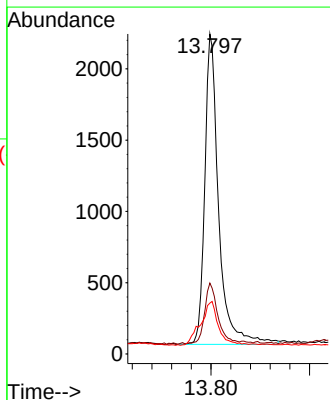
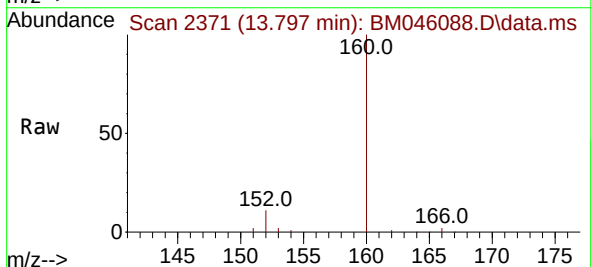
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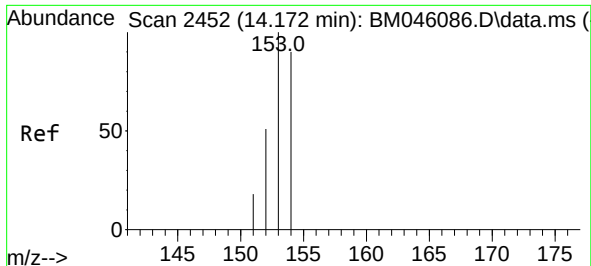
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.261 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

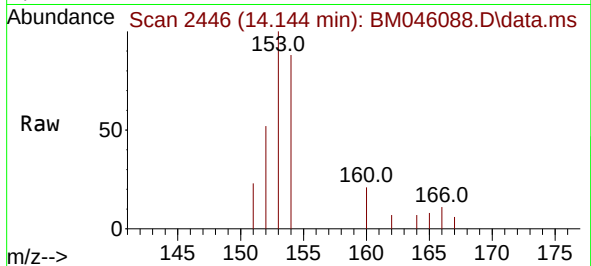
Tgt Ion:152 Resp: 4244
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2
153 15.9 11.8 17.8





#11
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.144 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

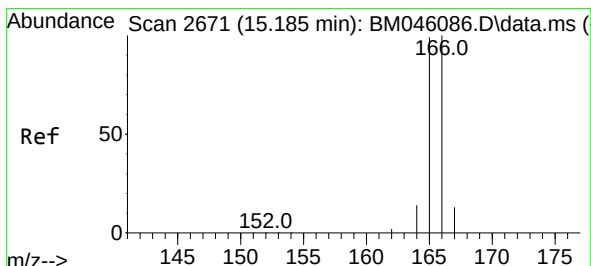
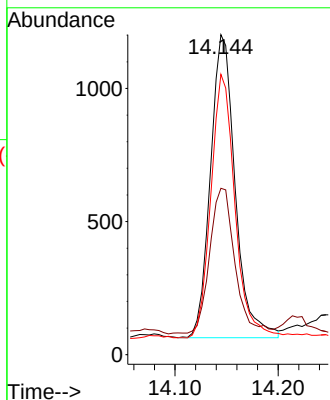
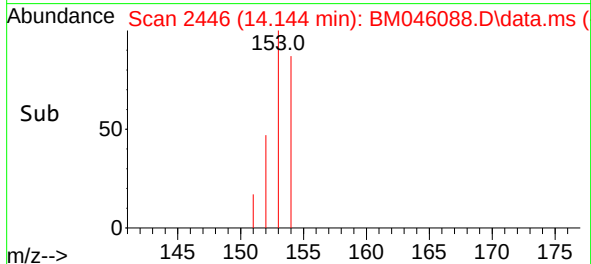
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:153 Resp: 1890
Ion Ratio Lower Upper
153 100
152 52.0 41.3 61.9
154 87.6 68.2 102.4

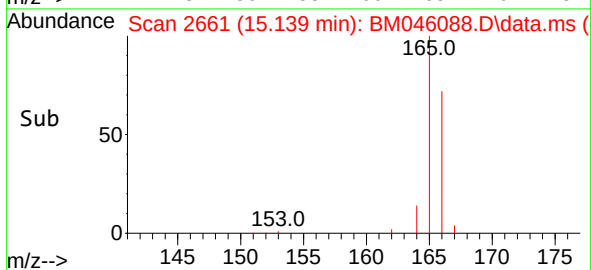
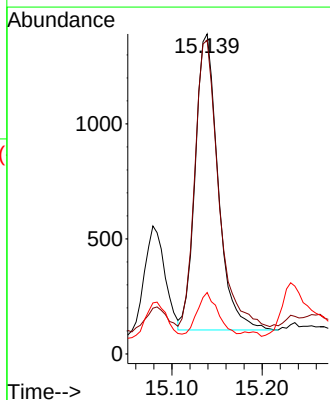
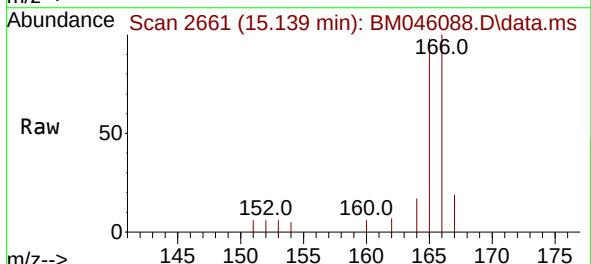
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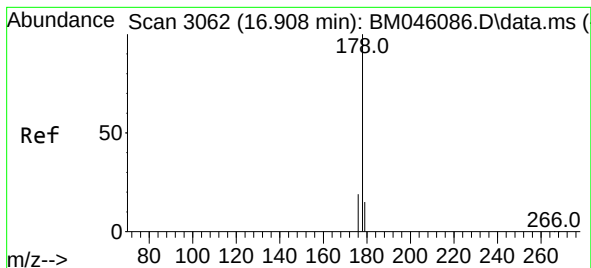
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.180 ng/ul
RT: 15.139 min Scan# 2661
Delta R.T. -0.042 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

Tgt Ion:166 Resp: 2269
Ion Ratio Lower Upper
166 100
165 98.1 80.4 120.6
167 19.2 12.4 18.6#





#15

Phenanthrene

Concen: 3.036 ng/ul m

RT: 16.861 min Scan# 30

Delta R.T. -0.042 min

Lab File: BM046088.D

Acq: 19 Jun 2024 16:23

Instrument :

BNA_M

ClientSampleId :

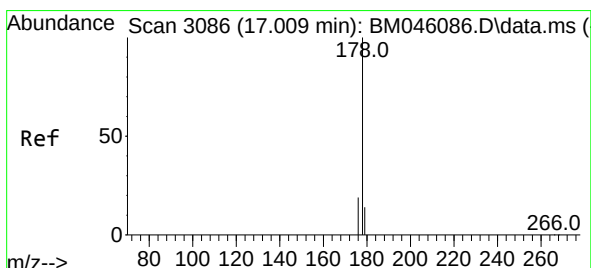
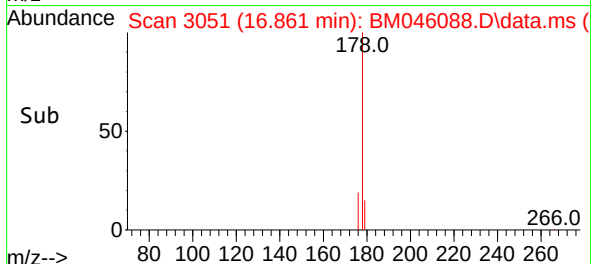
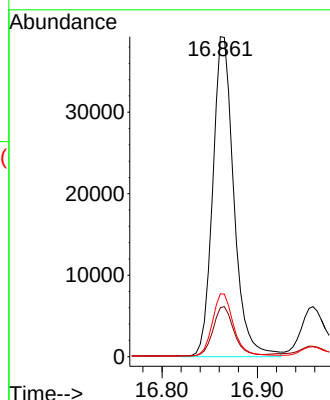
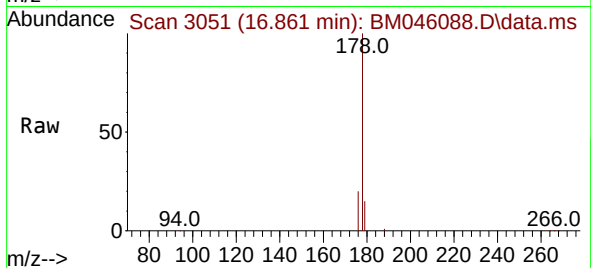
A4BJ7

Tgt Ion:178	Resp:	60499
Ion Ratio	Lower	Upper
178	100	
179	15.3	14.2 21.2
176	19.6	17.1 25.7

Manual Integrations

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



#16

Anthracene

Concen: 0.821 ng/ul m

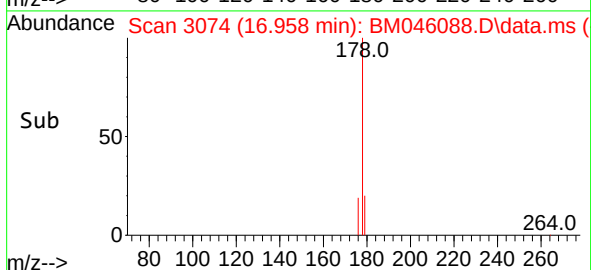
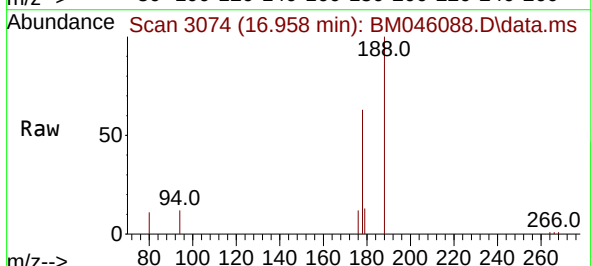
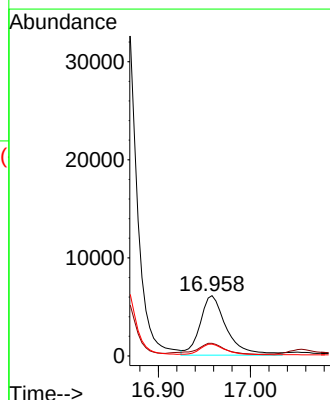
RT: 16.958 min Scan# 3074

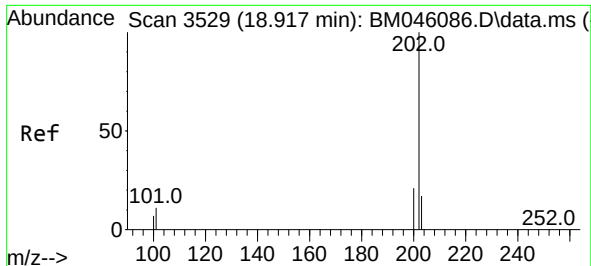
Delta R.T. -0.047 min

Lab File: BM046088.D

Acq: 19 Jun 2024 16:23

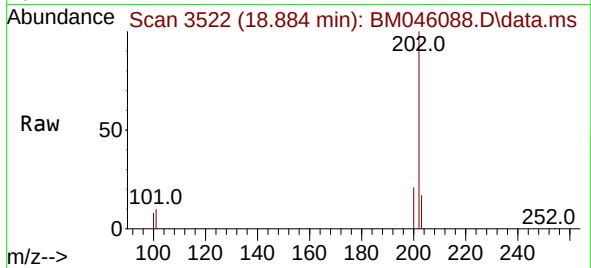
Tgt Ion:178	Resp:	12177
Ion Ratio	Lower	Upper
178	100	
179	20.9	14.9 22.3
176	19.8	17.0 25.4





#19
Fluoranthene
Concen: 6.578 ng/u1
RT: 18.884 min Scan# 3522
Delta R.T. -0.033 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

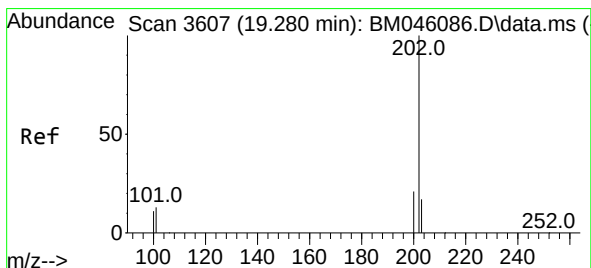
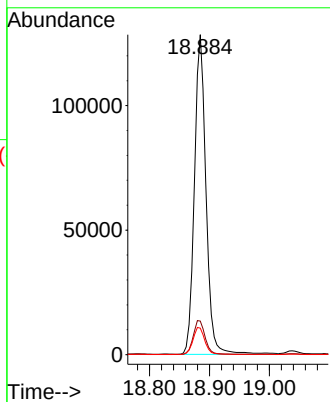
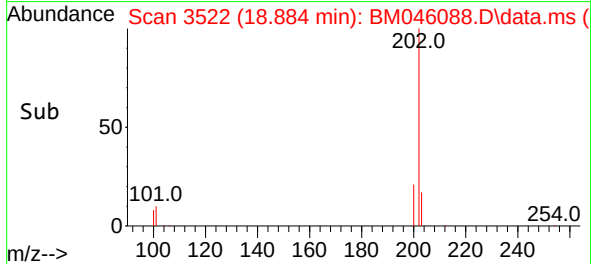
Instrument :
BNA_M
ClientSampleId :
A4BJ7



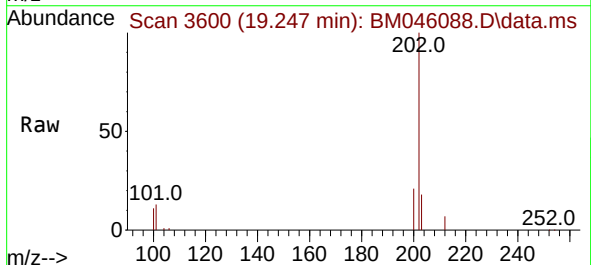
Tgt Ion:202 Resp: 17251
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.3 7.6 11.4

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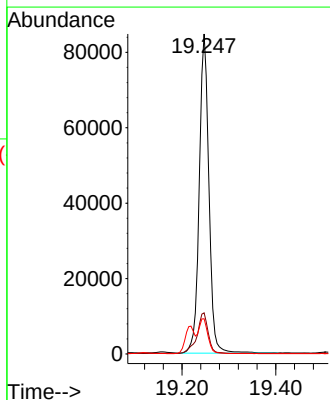
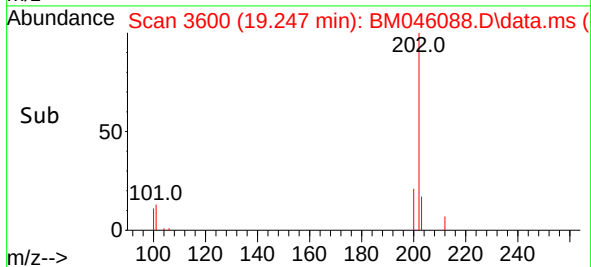
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

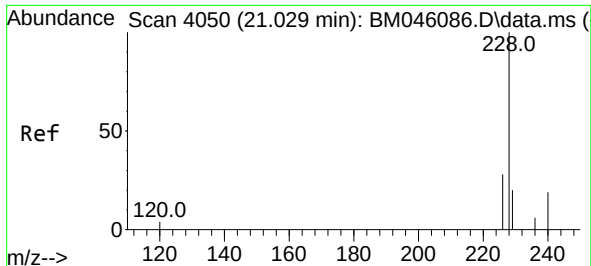


#20
Pyrene
Concen: 4.254 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23



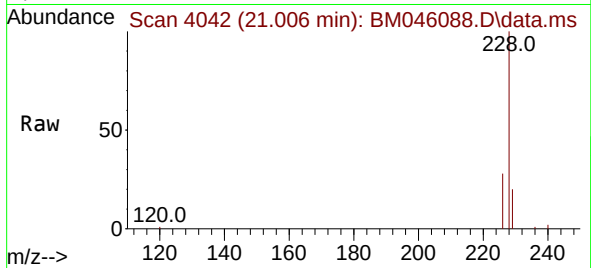
Tgt Ion:202 Resp: 120643
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.155 ng/u1
RT: 21.006 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

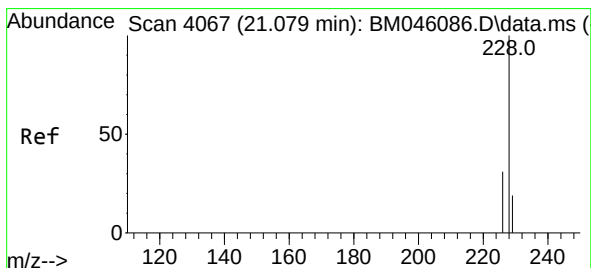
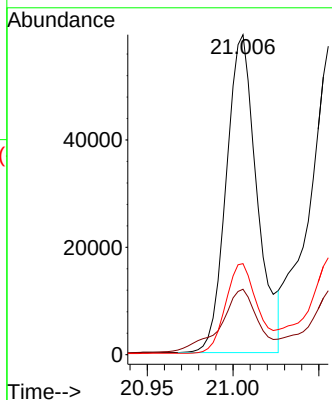
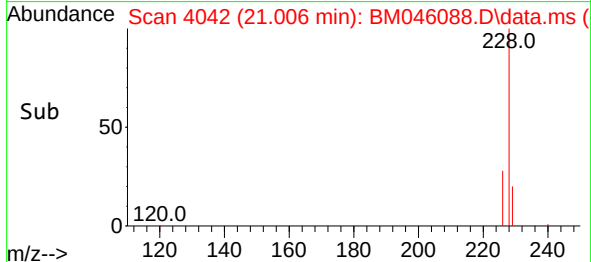
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:228 Resp: 7382
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 28.4 23.4 35.2

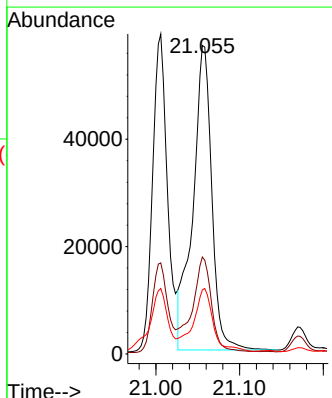
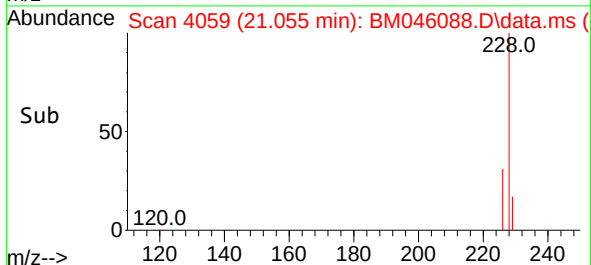
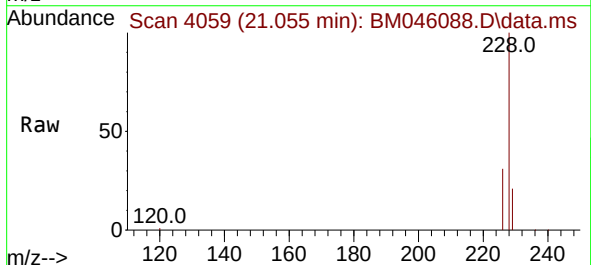
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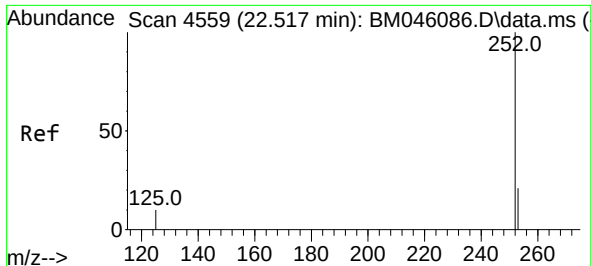
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.997 ng/u1
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

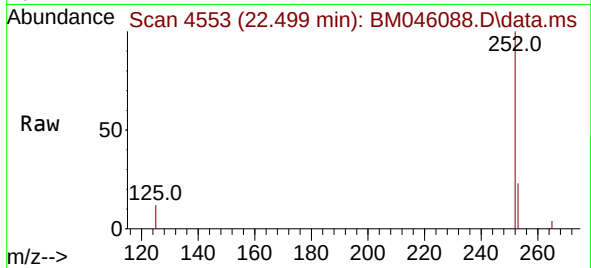
Tgt Ion:228 Resp: 89492
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 20.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.153 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

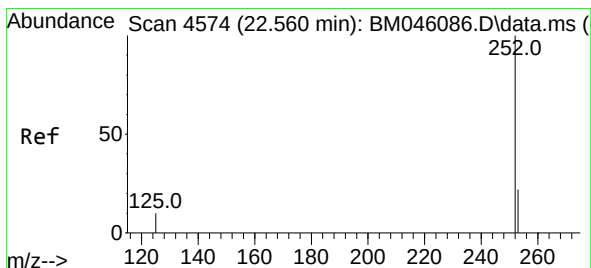
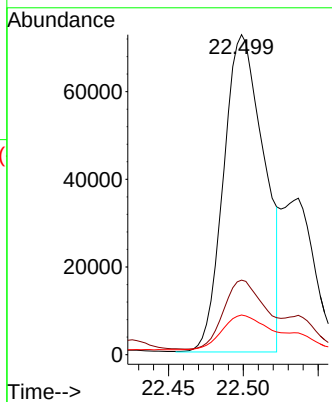
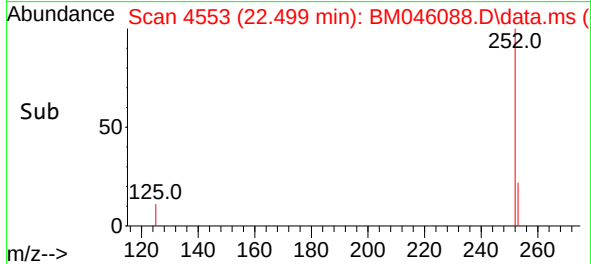
Instrument :
BNA_M
ClientSampleId :
A4BJ7



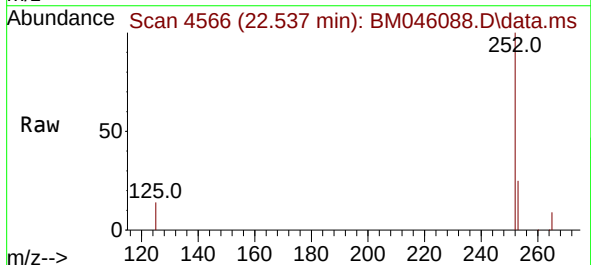
Tgt Ion:252 Resp: 13604
Ion Ratio Lower Upper
252 100
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125 12.4 0.0 40.2

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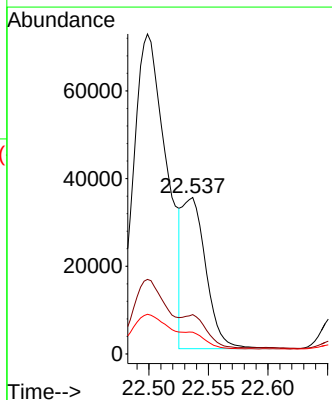
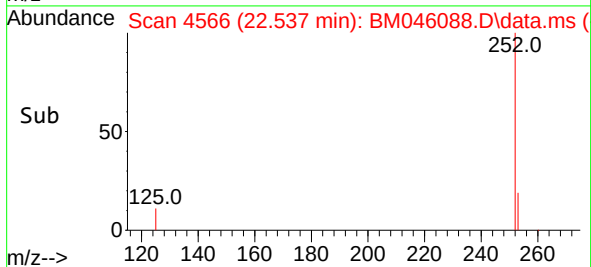
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

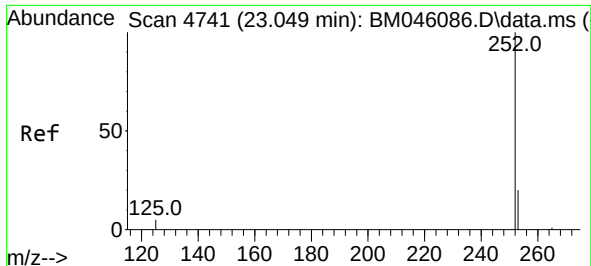


#25
Benzo(k)fluoranthene
Concen: 1.525 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23



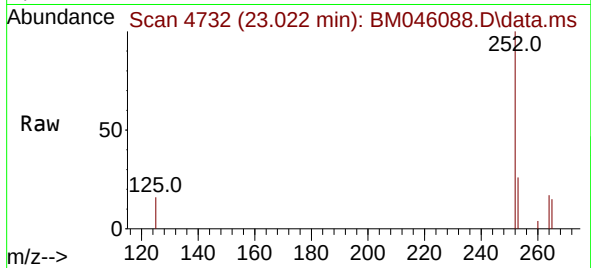
Tgt Ion:252 Resp: 47881
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 13.9 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.987 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.032 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

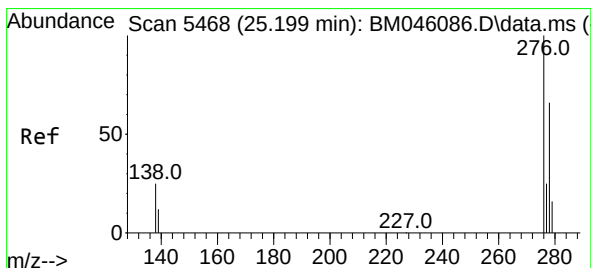
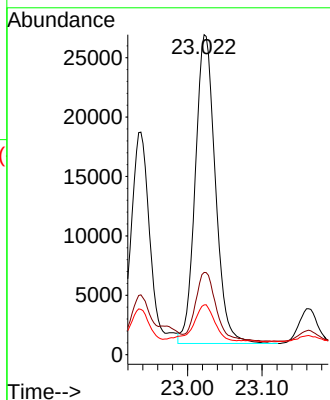
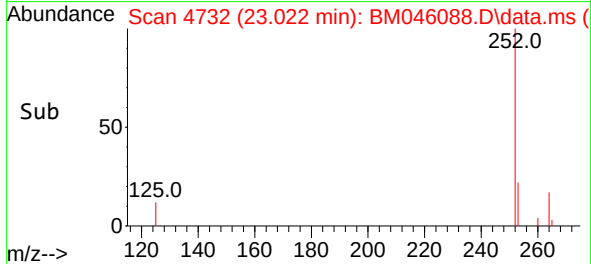
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:252 Resp: 4860
Ion Ratio Lower Upper
252 100
253 25.7 32.1 48.1
125 15.5 21.2 31.8

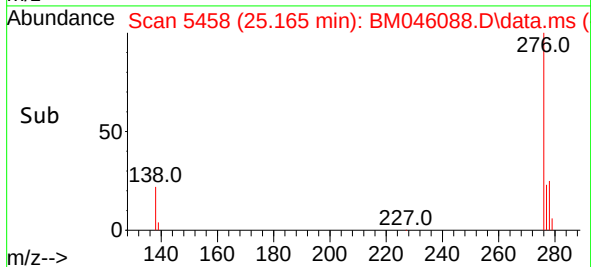
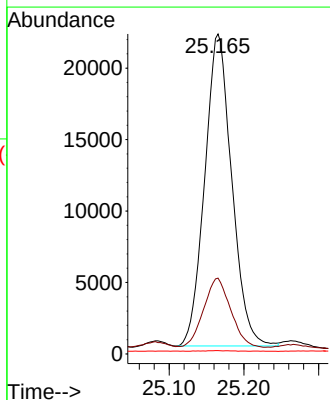
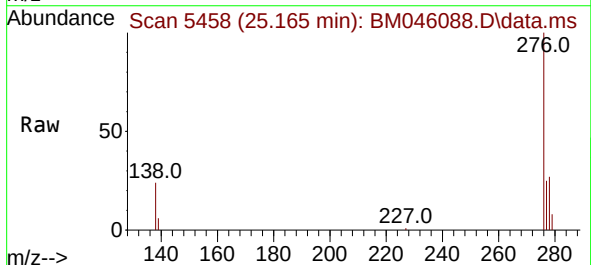
Manual Integrations
APPROVED

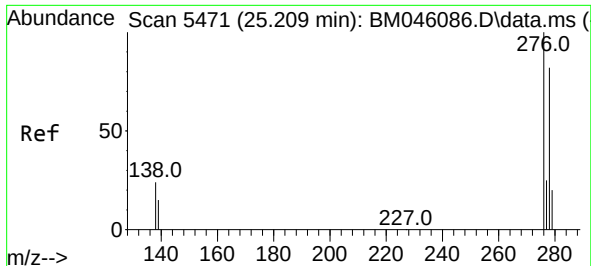
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.372 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.037 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

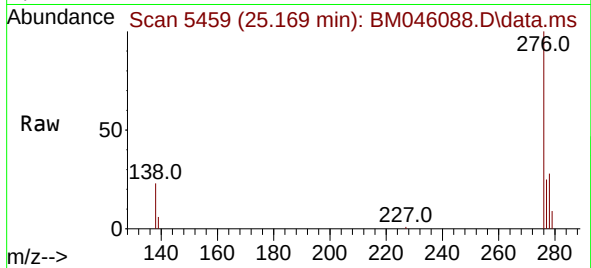
Tgt Ion:276 Resp: 54948
Ion Ratio Lower Upper
276 100
138 22.5 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.569 ng/ul
RT: 25.169 min Scan# 5471
Delta R.T. -0.047 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23

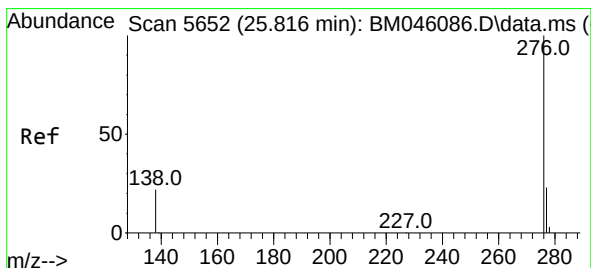
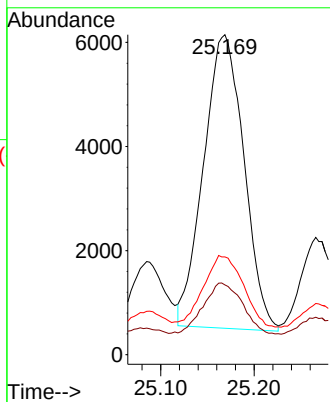
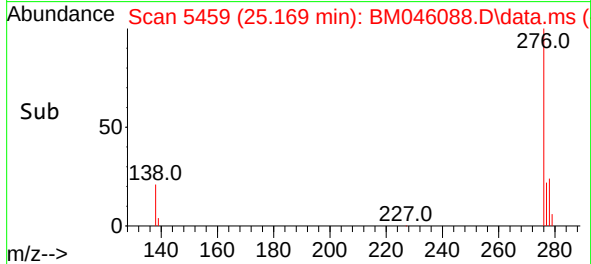
Instrument :
BNA_M
ClientSampleId :
A4BJ7



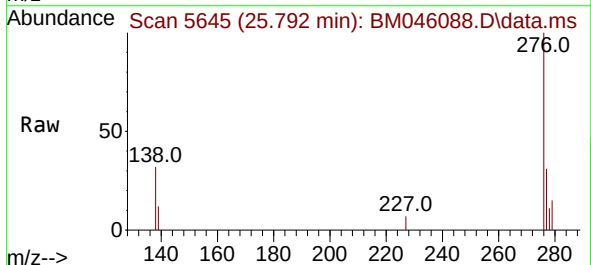
Tgt Ion: 278 Resp: 1694
Ion Ratio Lower Upper
278 100
139 21.8 17.6 26.4
279 30.5 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 25.792 min Scan# 5645
Delta R.T. -0.037 min
Lab File: BM046088.D
Acq: 19 Jun 2024 16:23



Tgt Ion: 276 Resp: 8701
Ion Ratio Lower Upper
276 100
138 31.8 21.7 32.5
277 31.1 20.4 30.6#

