

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046060.D
 Acq On : 18 Jun 2024 20:39
 Operator : MA/JU
 Sample : P2695-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 08:23:59 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	7.434	152	3190	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	8990	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.084	164	4682	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	9830m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.024	240	8671m	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	10388m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	14451	3.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	2977	0.247	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	7573	0.292	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	1995	0.080	ng/ul#	93
7) 2-Methylnaphthalene	11.909	142	563	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	415	0.027	ng/ul	97
10) Acenaphthylene	13.802	152	3138	0.141	ng/ul	97
11) Acenaphthene	14.145	153	1844	0.115	ng/ul	97
12) Fluorene	15.135	166	2553	0.148	ng/ul#	98
15) Phenanthrene	16.866	178	63121m	2.286	ng/ul	
16) Anthracene	16.958	178	10040m	0.488	ng/ul	
19) Fluoranthene	18.889	202	173856	4.631	ng/ul	96
20) Pyrene	19.252	202	116809	2.877	ng/ul	95
21) Benzo(a)anthracene	21.006	228	71630	2.139	ng/ul	100
22) Chrysene	21.059	228	90560	2.119	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	140428m	3.752	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	49063m	1.103	ng/ul	
26) Benzo(a)pyrene	23.025	252	45796	1.321	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.169	276	53439	0.942	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.176	278	16026	0.379	ng/ul#	95
29) Benzo(g,h,i)perylene	25.799	276	8532	0.175	ng/ul#	87

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

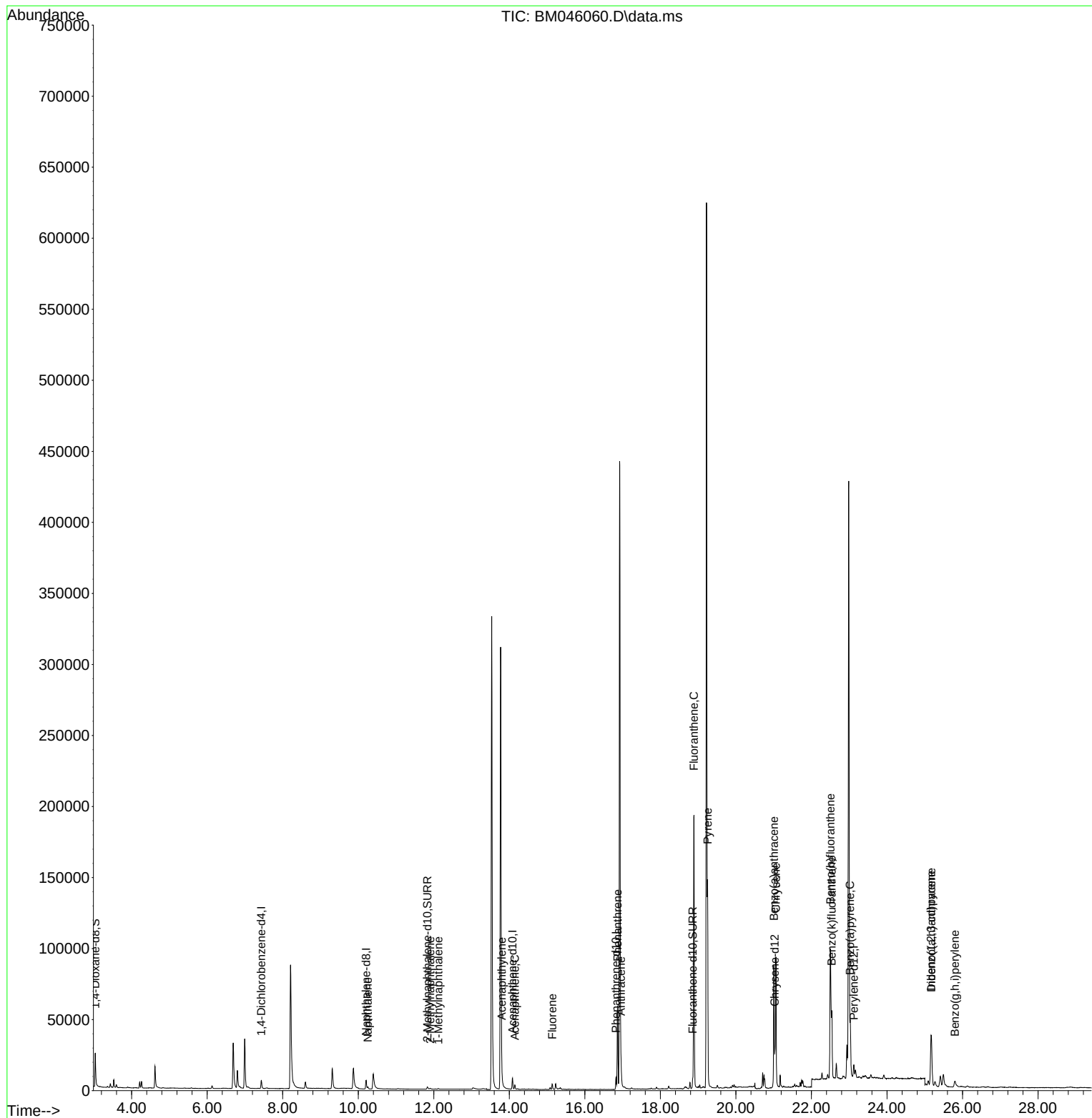
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

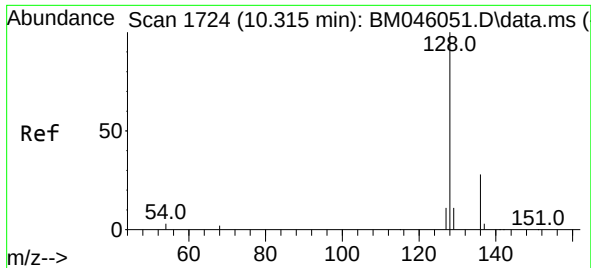
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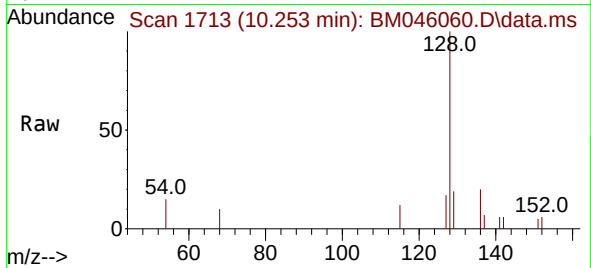
Quant Time: Jun 19 08:23:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

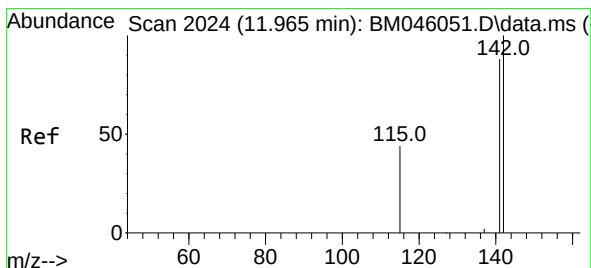
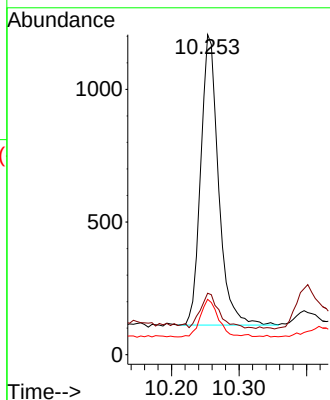
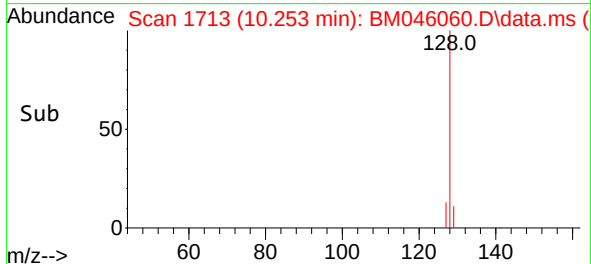
Instrument :
BNA_M
ClientSampleId :
A4BK1



Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
129 19.2 11.8 17.6
127 17.3 12.8 19.2

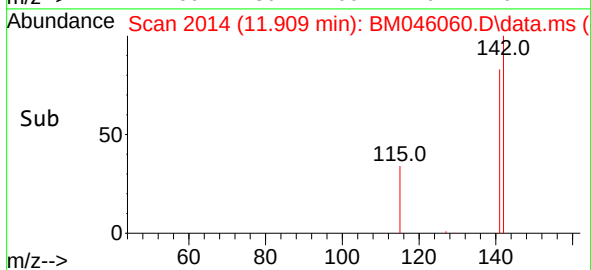
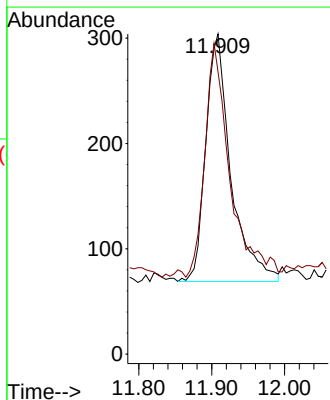
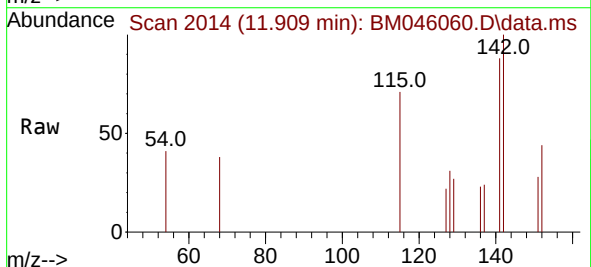
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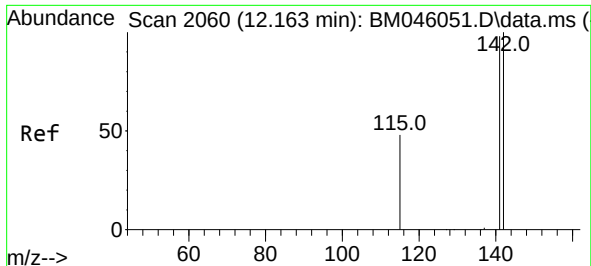
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.909 min Scan# 2014
Delta R.T. -0.038 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

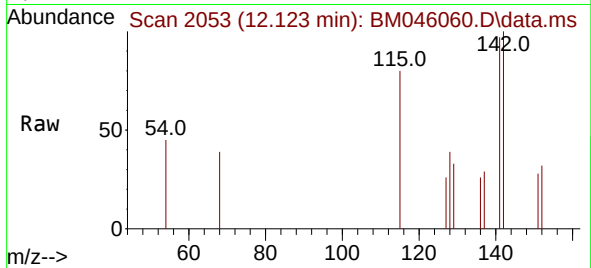
Tgt Ion:142 Resp: 563
Ion Ratio Lower Upper
142 100
141 94.3 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.027 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

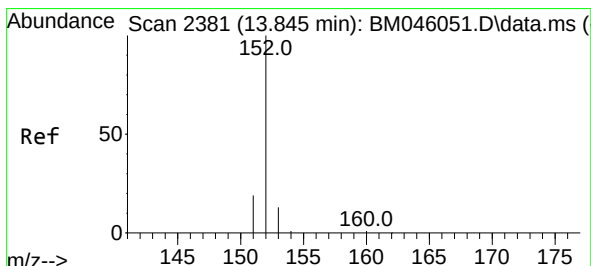
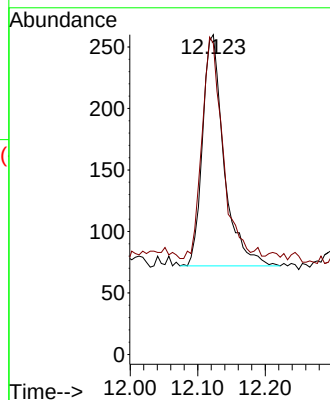
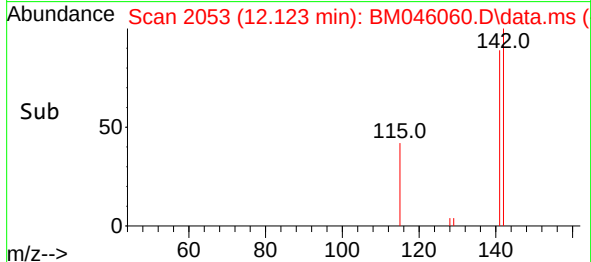
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 415
Ion Ratio Lower Upper
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141 97.3 75.2 112.8

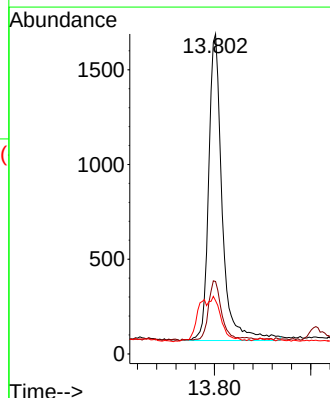
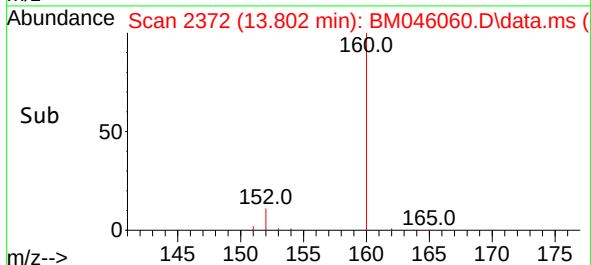
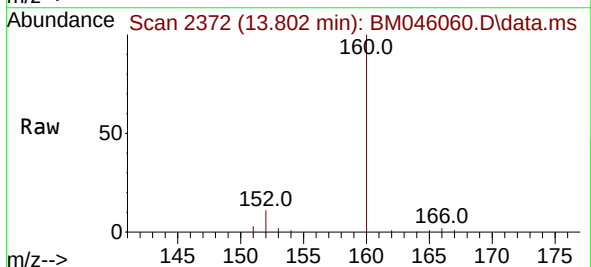
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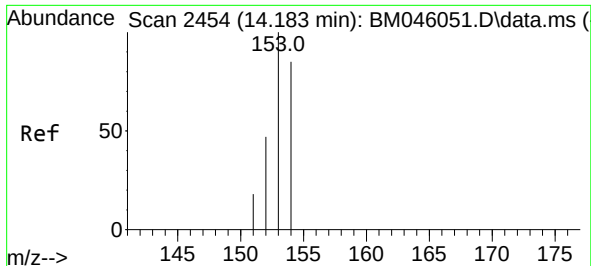
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.802 min Scan# 2372
Delta R.T. -0.032 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

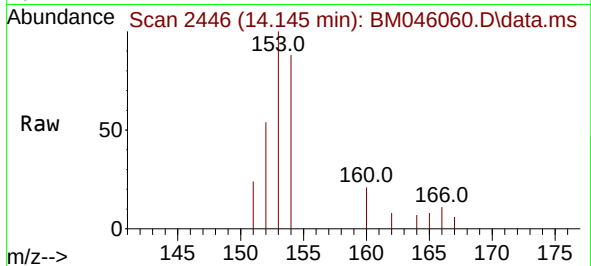
Tgt Ion:152 Resp: 3138
Ion Ratio Lower Upper
152 100
151 22.6 17.4 26.2
153 16.6 11.8 17.8





#11
Acenaphthene
Concen: 0.115 ng/u1
RT: 14.145 min Scan# 2454
Delta R.T. -0.028 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

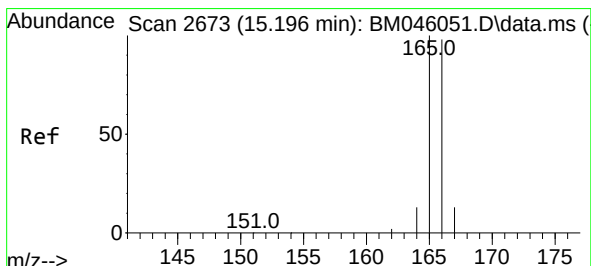
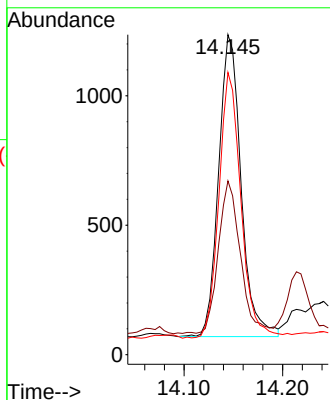
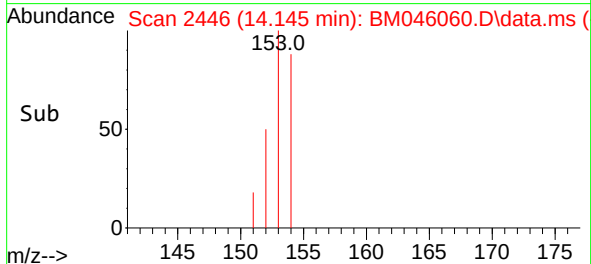
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 1844
Ion Ratio Lower Upper
153 100
152 54.3 41.3 61.9
154 88.2 68.2 102.4

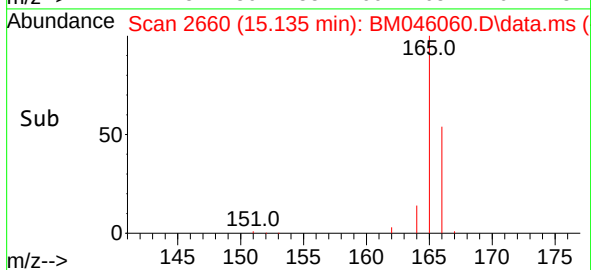
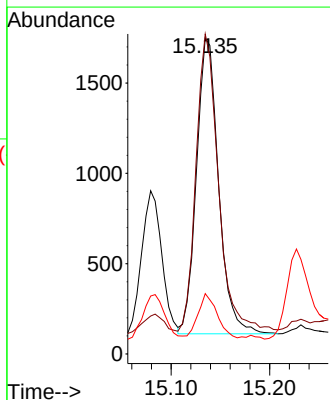
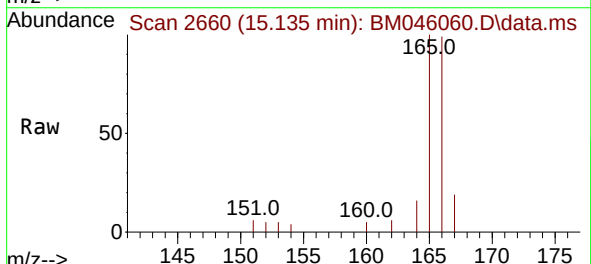
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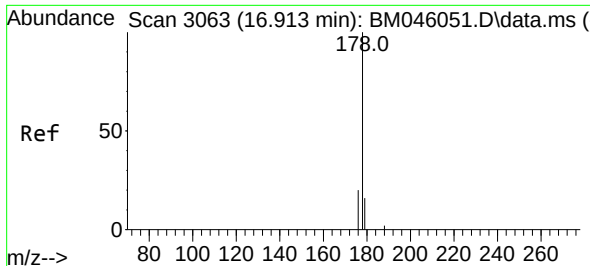
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.148 ng/u1
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

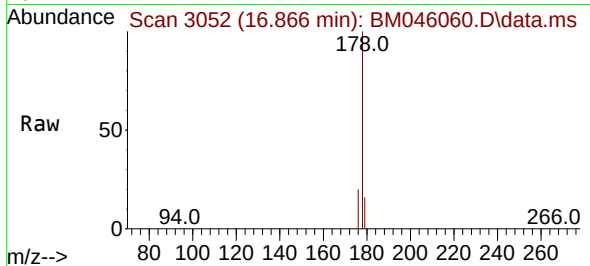
Tgt Ion:166 Resp: 2553
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 19.1 12.4 18.6#





#15
Phenanthrene
Concen: 2.286 ng/ul m
RT: 16.866 min Scan# 3063
Delta R.T. -0.038 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

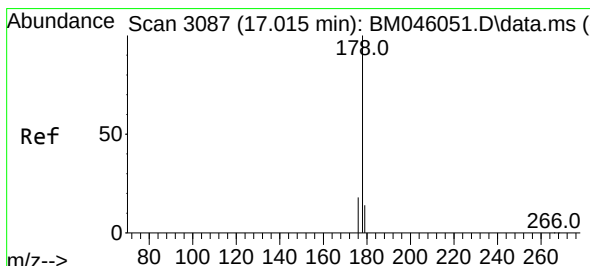
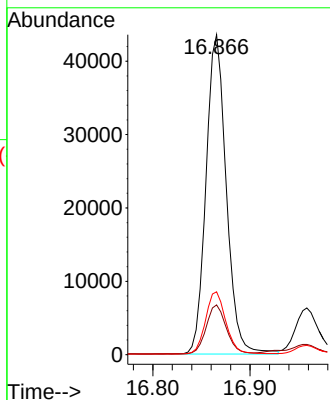
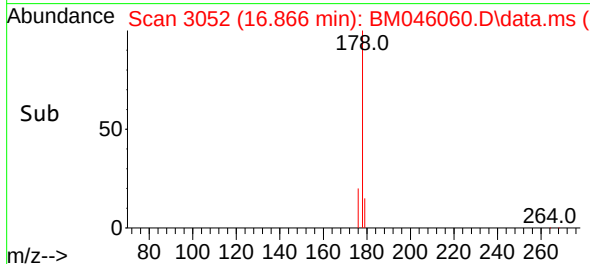
Instrument :
BNA_M
ClientSampleId :
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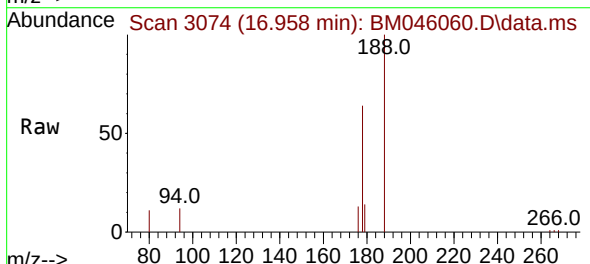
Tgt Ion:178 Resp: 6312
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.7 17.1 25.7

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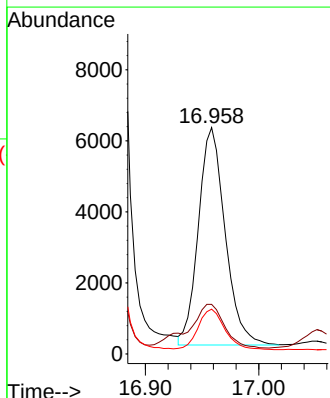
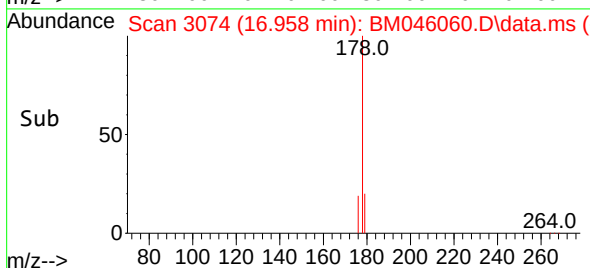
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

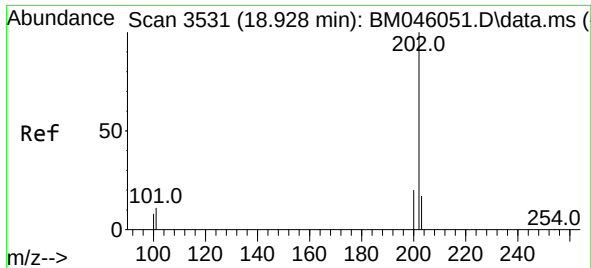


#16
Anthracene
Concen: 0.488 ng/ul m
RT: 16.958 min Scan# 3074
Delta R.T. -0.046 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39



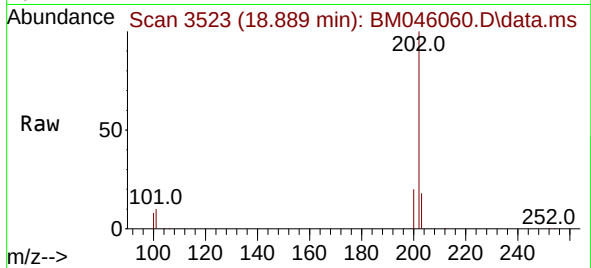
Tgt Ion:178 Resp: 10040
Ion Ratio Lower Upper
178 100
179 21.9 14.9 22.3
176 19.8 17.0 25.4





#19
Fluoranthene
Concen: 4.631 ng/u1
RT: 18.889 min Scan# 3523
Delta R.T. -0.028 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

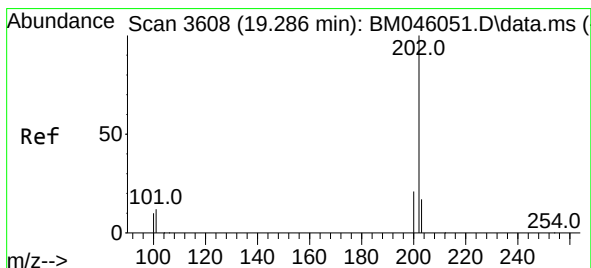
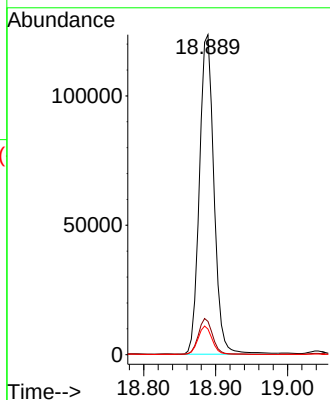
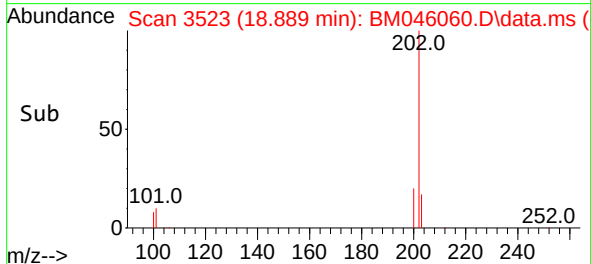
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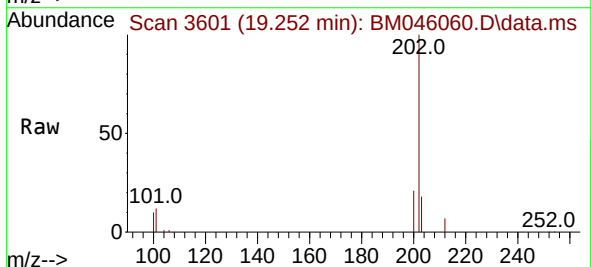
Tgt Ion:202 Resp: 173850
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.0 7.6 11.4

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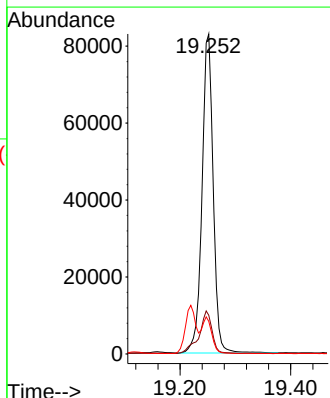
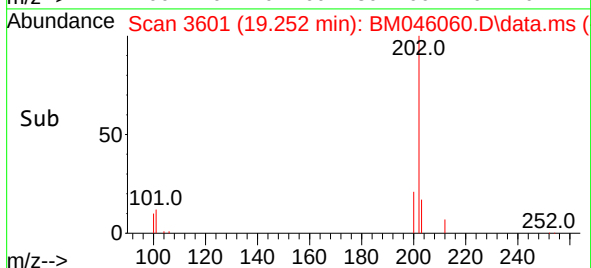
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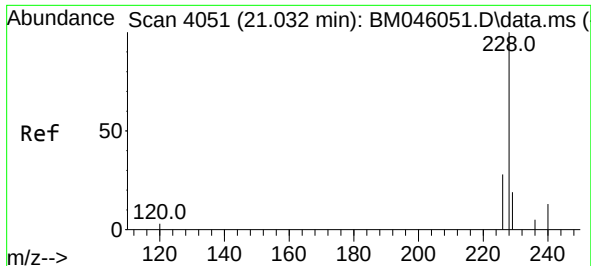


#20
Pyrene
Concen: 2.877 ng/u1
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39



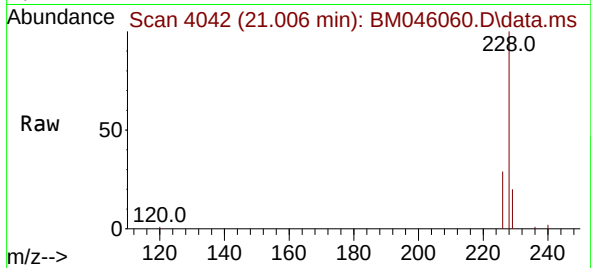
Tgt Ion:202 Resp: 116809
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.139 ng/ul
RT: 21.006 min Scan# 4042
Delta R.T. -0.023 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

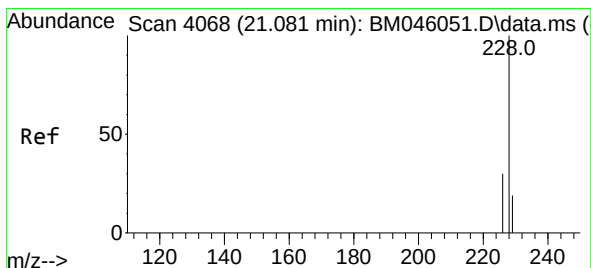
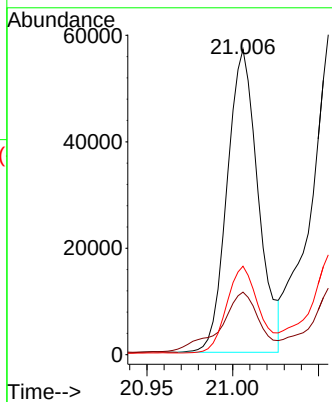
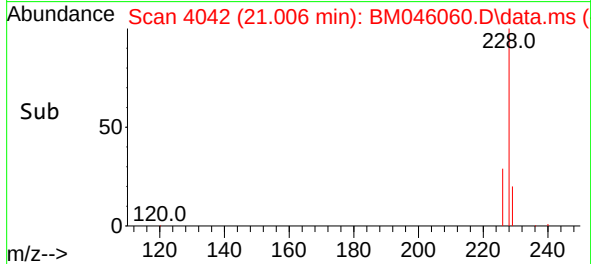
Instrument :
BNA_M
ClientSampleId :
A4BK1



Tgt Ion:228 Resp: 71630
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.0 23.4 35.2

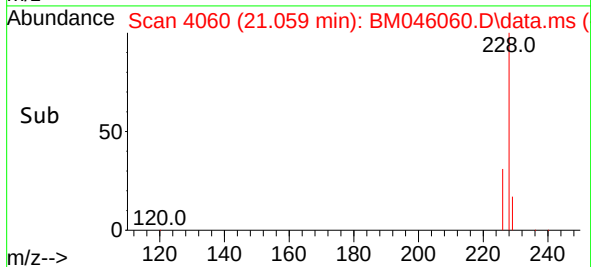
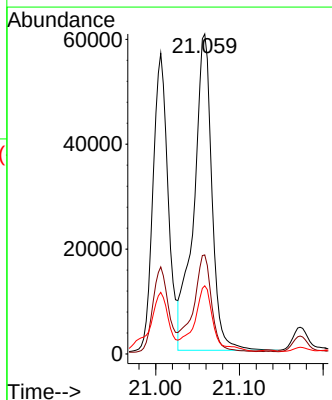
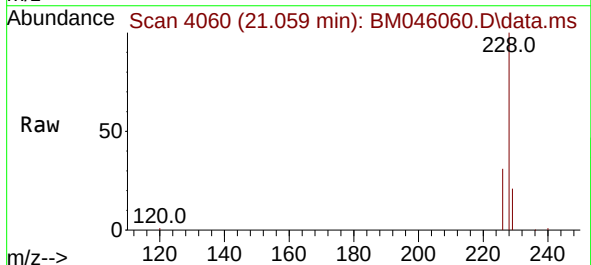
Manual Integrations
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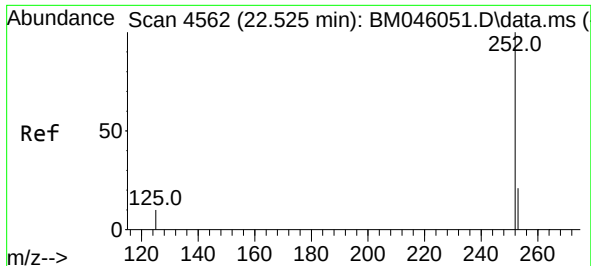
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.119 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. -0.017 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

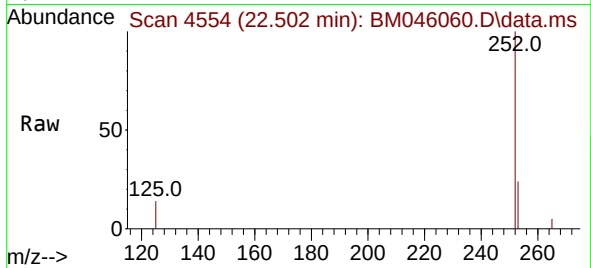
Tgt Ion:228 Resp: 90560
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.752 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.017 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

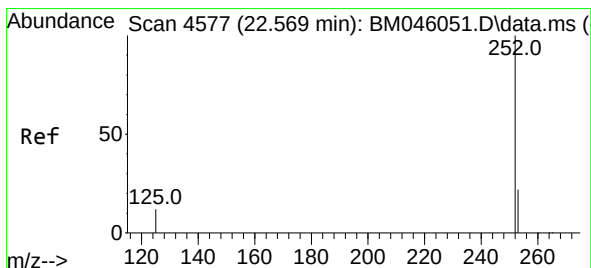
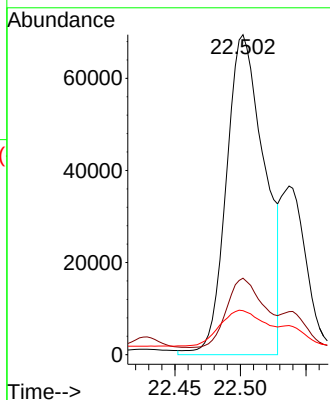
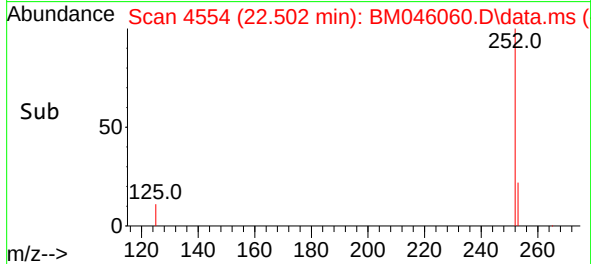
Instrument :
BNA_M
ClientSampleId :
A4BK1



Tgt Ion:252 Resp: 140428
Ion Ratio Lower Upper
252 100
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125 13.8 0.0 40.2

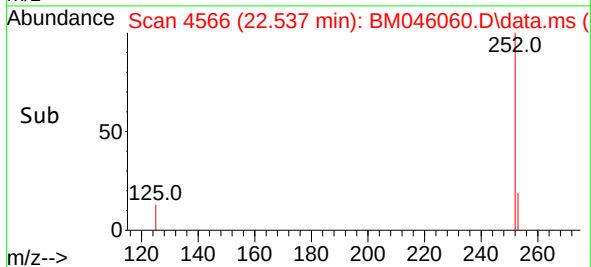
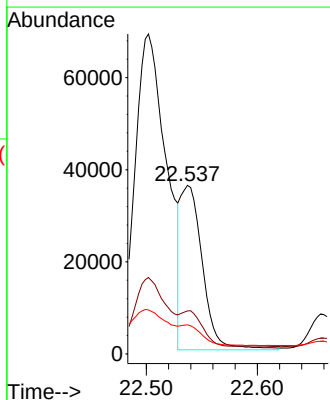
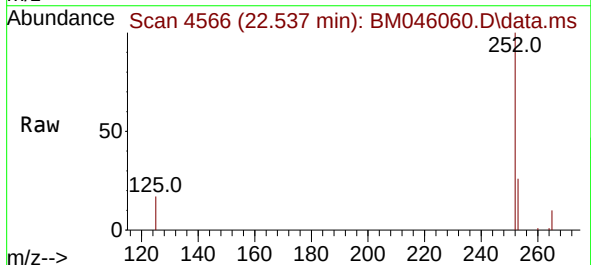
Manual Integrations
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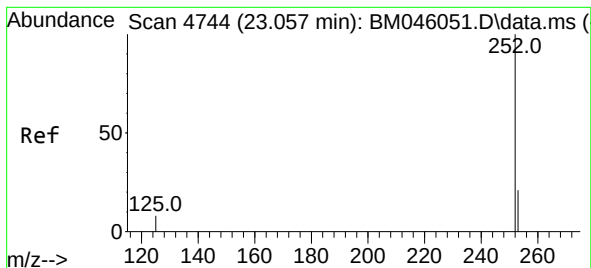
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.103 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

Tgt Ion:252 Resp: 49063
Ion Ratio Lower Upper
252 100
253 25.5 27.2 40.8#
125 17.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 1.321 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046060.D

Acq: 18 Jun 2024 20:39

Instrument :

BNM_M

ClientSampleId :

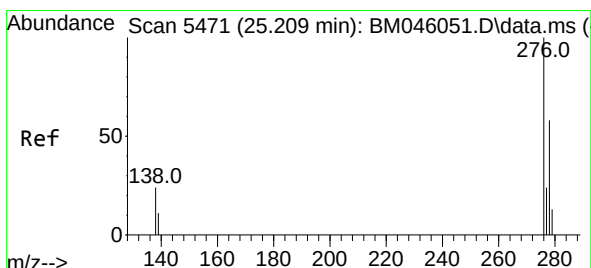
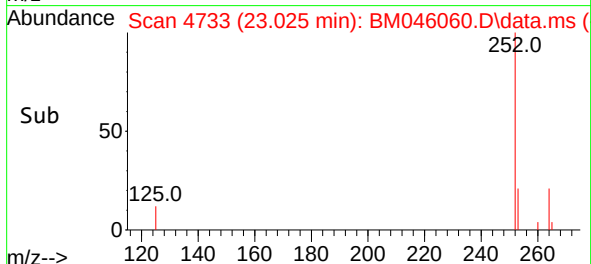
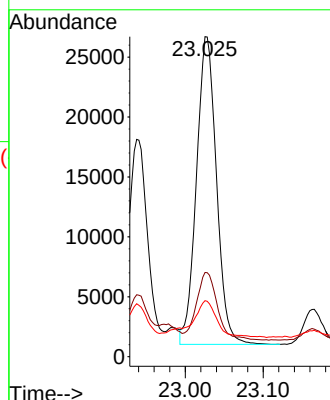
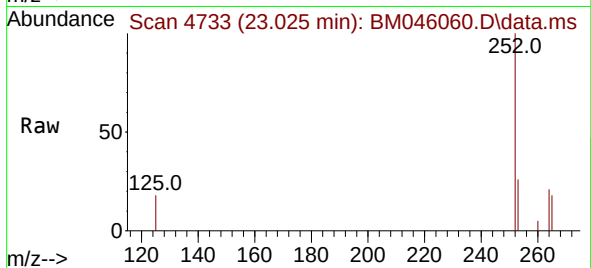
A4BK1

Tgt Ion:	252	Resp:	45790
Ion Ratio	Lower	Upper	
252	100		
253	26.3	32.1	48.1
125	17.5	21.2	31.8

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.942 ng/ul

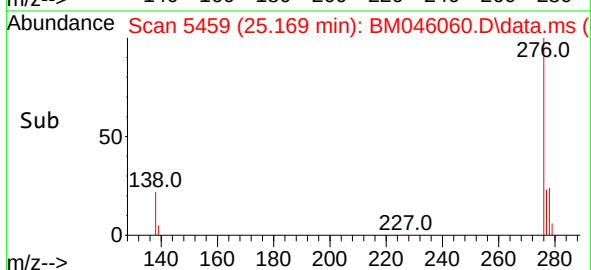
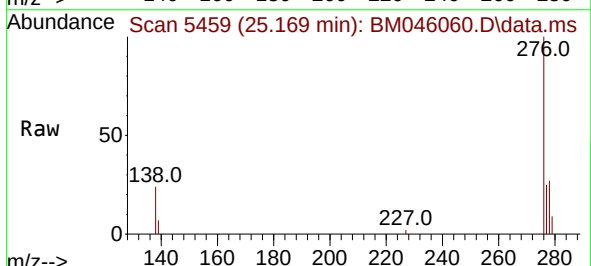
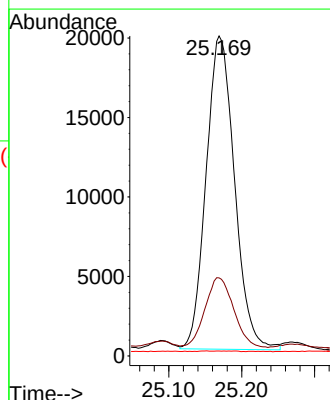
RT: 25.169 min Scan# 5459

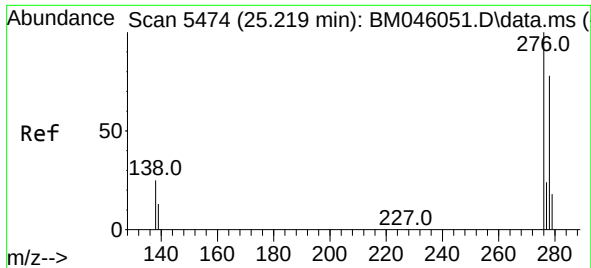
Delta R.T. -0.033 min

Lab File: BM046060.D

Acq: 18 Jun 2024 20:39

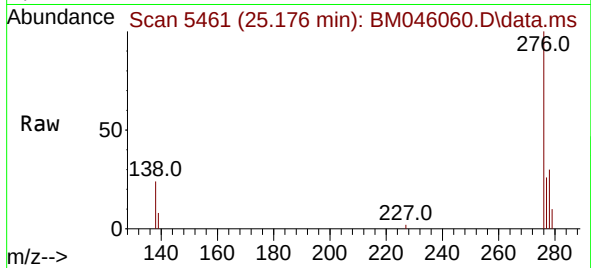
Tgt Ion:	276	Resp:	53439
Ion Ratio	Lower	Upper	
276	100		
138	22.3	21.0	31.4
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.176 min Scan# 5474
Delta R.T. -0.040 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39

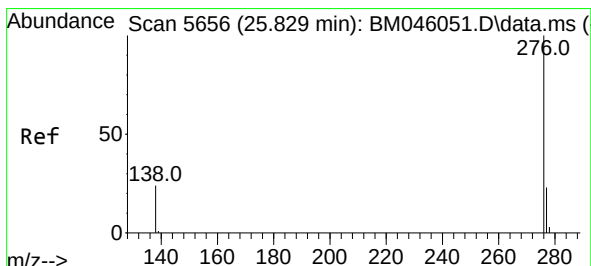
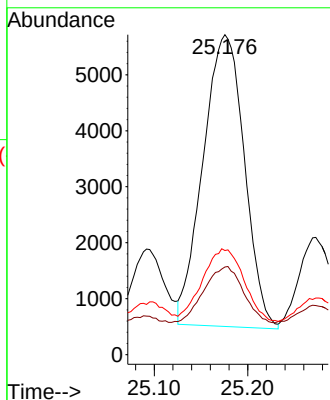
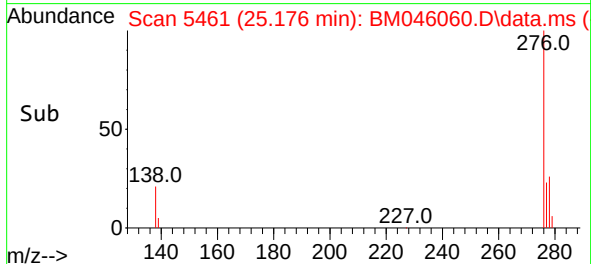
Instrument :
BNA_M
ClientSampleId :
A4BK1



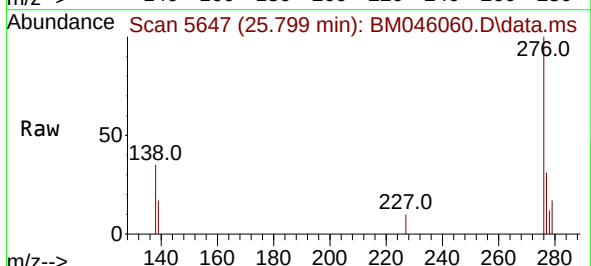
Tgt Ion:278 Resp: 16020
Ion Ratio Lower Upper
278 100
139 27.4 17.6 26.4#
279 32.6 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046060.D
Acq: 18 Jun 2024 20:39



Tgt Ion:276 Resp: 8532
Ion Ratio Lower Upper
276 100
138 34.8 21.7 32.5#
277 30.6 20.4 30.6#

