

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046900.D
 Acq On : 30 Jul 2024 01:17
 Operator : MA/JU
 Sample : P3329-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E15

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 01:52:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3054	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	8925	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	5607	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	11311	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	7893	0.400	ng/ul	0.00
23) Perylene-d12	23.197	264	7334m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	6647	3.108	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152	3058	0.216	ng/ul	-0.02
18) Fluoranthene-d10	18.900	212	5469	0.213	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.260	128	457132	20.250	ng/ul	96
7) 2-Methylnaphthalene	11.888	142	71391	4.595	ng/ul	100
8) 1-Methylnaphthalene	12.108	142	35256	2.197	ng/ul	99
10) Acenaphthylene	13.817	152	4047	0.158	ng/ul#	94
11) Acenaphthene	14.164	153	54578	3.131	ng/ul	100
12) Fluorene	15.164	166	59240	2.719	ng/ul	97
15) Phenanthrene	16.901	178	209750	6.452	ng/ul	97
16) Anthracene	16.993	178	25070	0.828	ng/ul	99
19) Fluoranthene	18.932	202	101540	2.929	ng/ul	99
20) Pyrene	19.300	202	65232	1.819	ng/ul	98
21) Benzo(a)anthracene	21.055	228	16861	0.513	ng/ul	98
22) Chrysene	21.108	228	13702	0.410	ng/ul	98
24) Benzo(b)fluoranthene	22.572	252	8998m	0.279	ng/ul	
25) Benzo(k)fluoranthene	22.607	252	3306m	0.102	ng/ul	
26) Benzo(a)pyrene	23.107	252	4876	0.211	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.303	276	1836	0.052	ng/ul#	96
29) Benzo(g,h,i)perylene	25.940	276	1466	0.047	ng/ul#	55

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

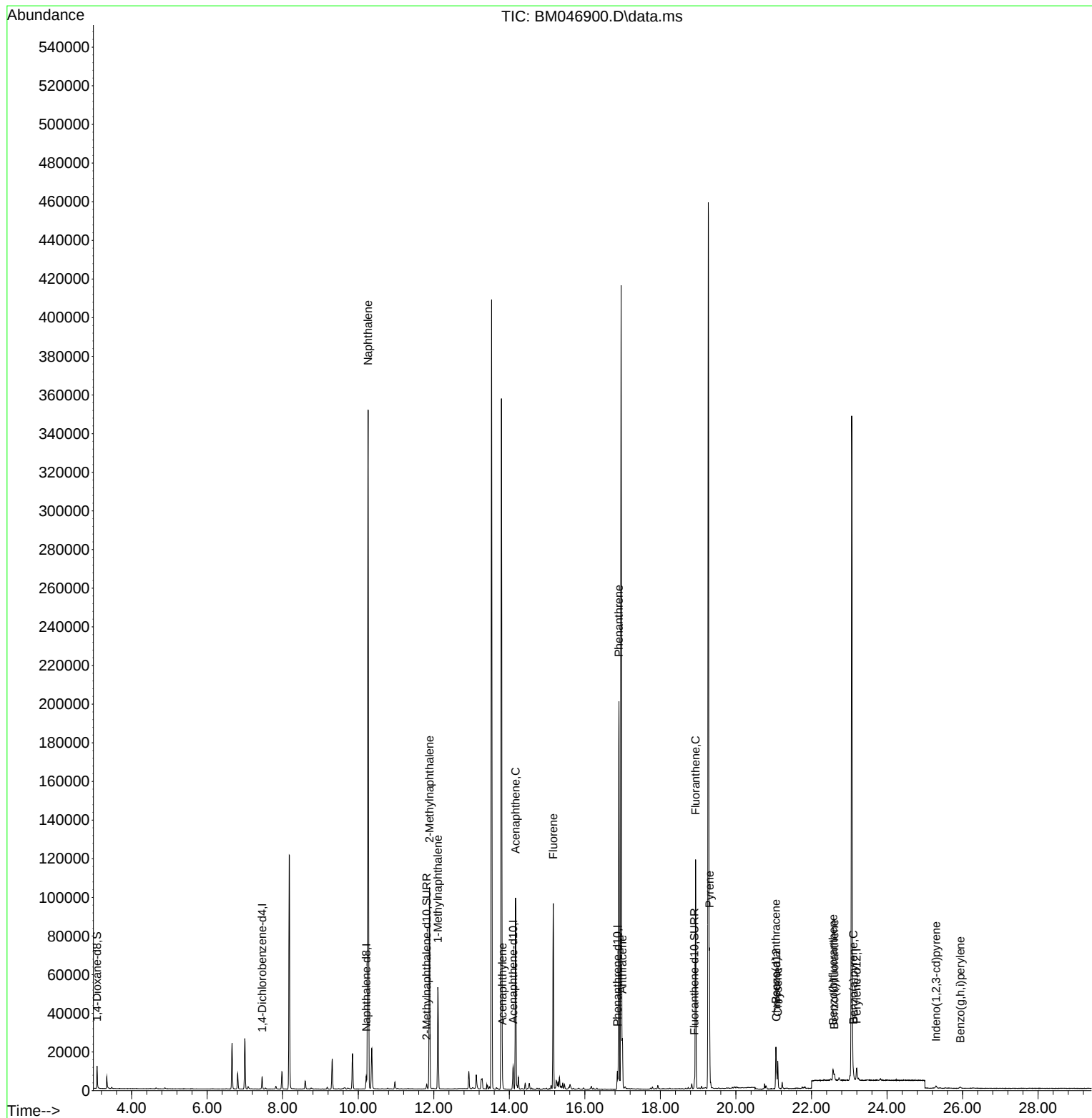
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046900.D
Acq On : 30 Jul 2024 01:17
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Sample : P3329-10
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ALS Vial : 21 Sample Multiplier: 1

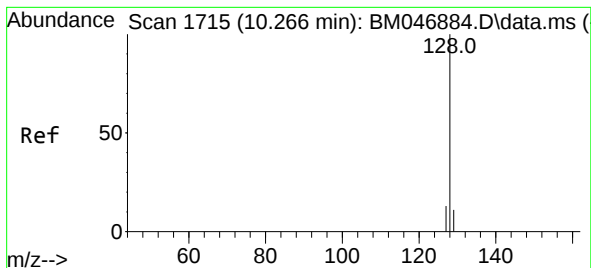
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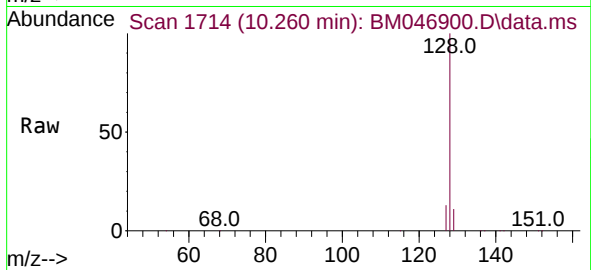
Quant Time: Jul 30 01:52:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 20.250 ng/ul
RT: 10.260 min Scan# 1715
Delta R.T. -0.017 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

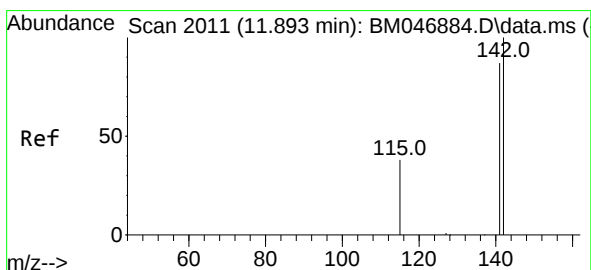
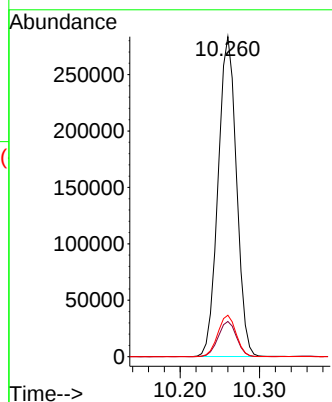
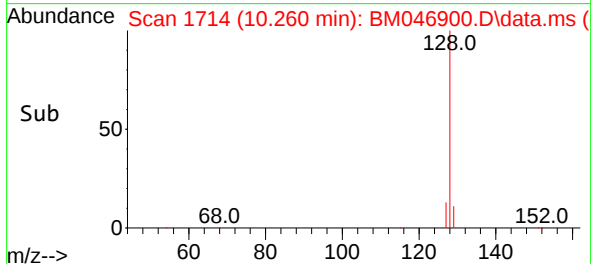
Instrument :
BNA_M
ClientSampleId :
F7E15



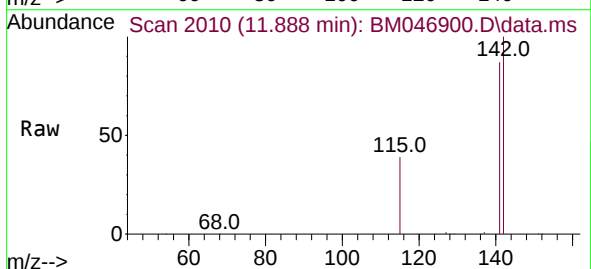
Tgt Ion:128 Resp: 45713
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 12.9 11.5 17.3

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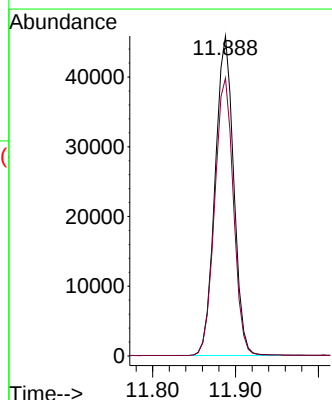
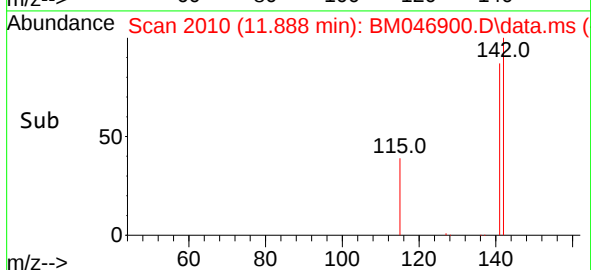
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

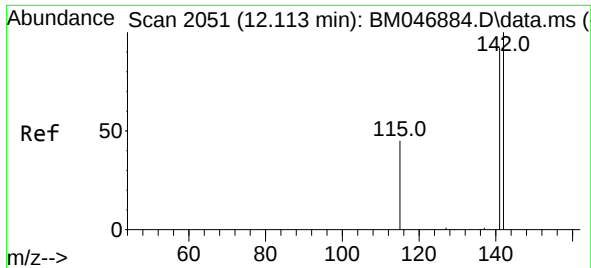


#7
2-Methylnaphthalene
Concen: 4.595 ng/ul
RT: 11.888 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17



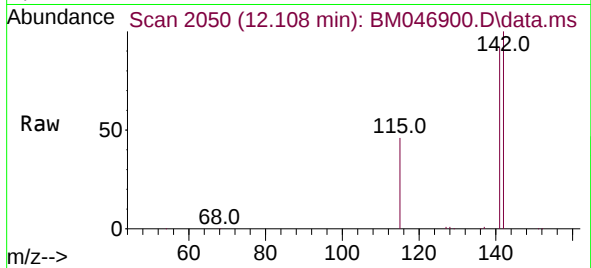
Tgt Ion:142 Resp: 71391
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7





#8
1-Methylnaphthalene
Concen: 2.197 ng/ul
RT: 12.108 min Scan# 2050
Delta R.T. -0.022 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

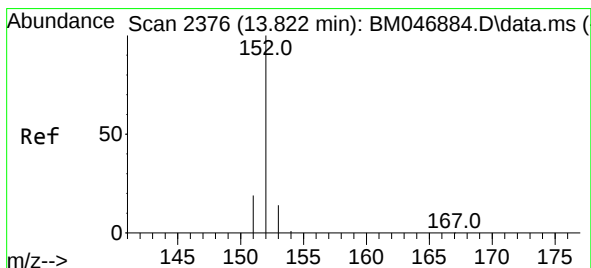
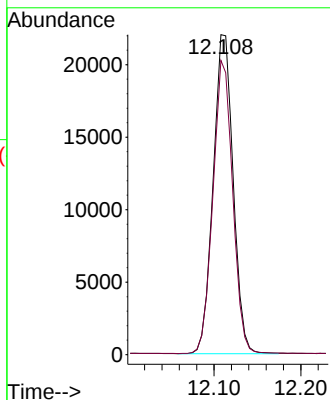
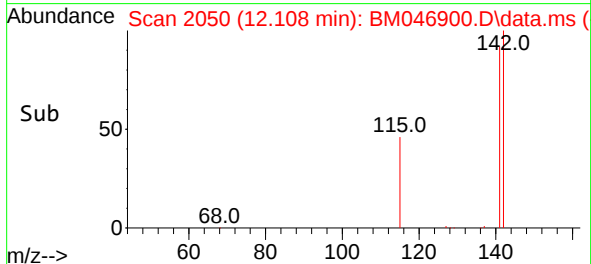
Instrument :
BNA_M
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F7E15



Tgt Ion:142 Resp: 35250
Ion Ratio Lower Upper
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141 90.6 73.1 109.7

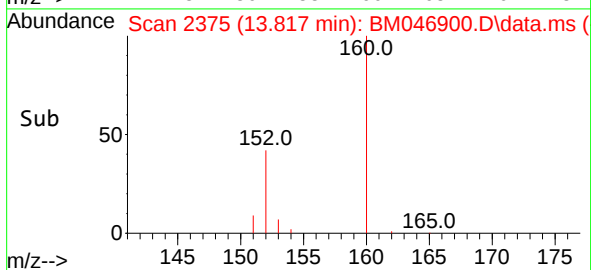
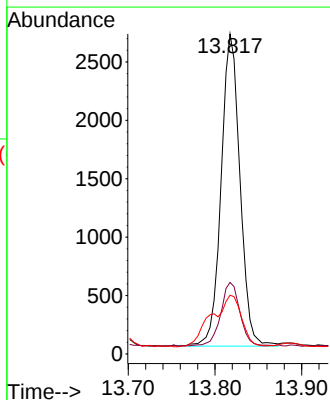
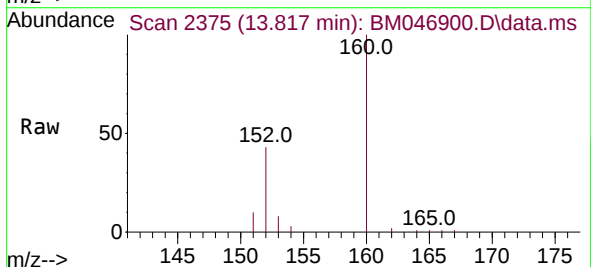
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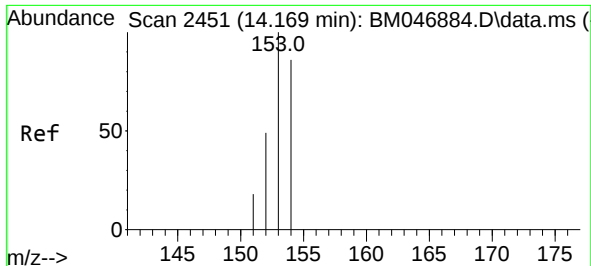
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 13.817 min Scan# 2375
Delta R.T. -0.014 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

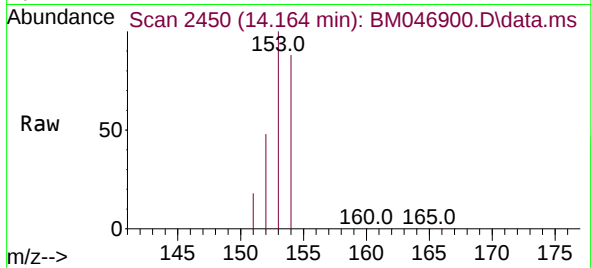
Tgt Ion:152 Resp: 4047
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2
153 18.4 11.0 16.6#





#11
Acenaphthene
Concen: 3.131 ng/ul
RT: 14.164 min Scan# 2451
Delta R.T. -0.019 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

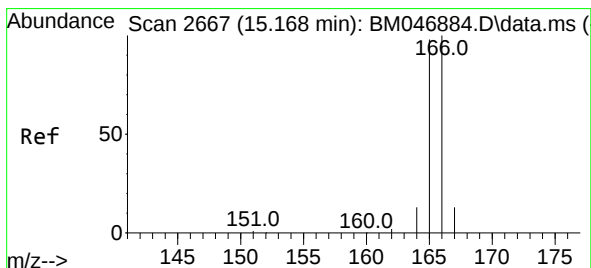
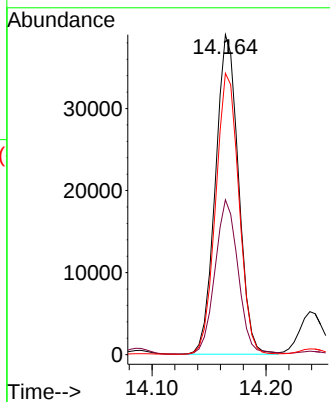
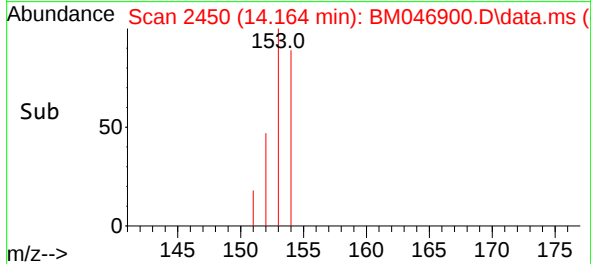
Instrument :
BNA_M
ClientSampleId :
F7E15



Tgt Ion:153 Resp: 54578
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 88.0 70.8 106.2

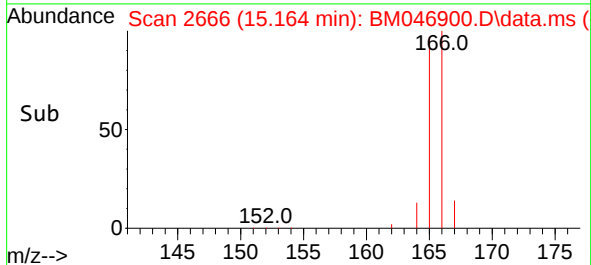
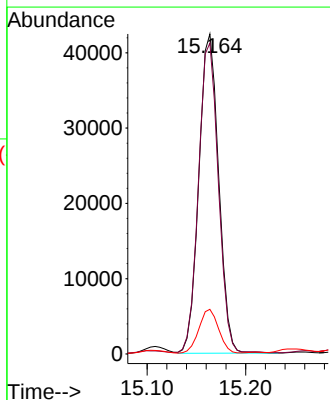
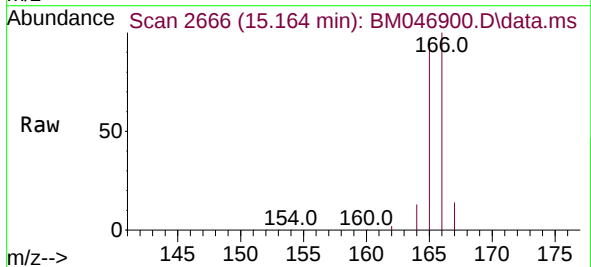
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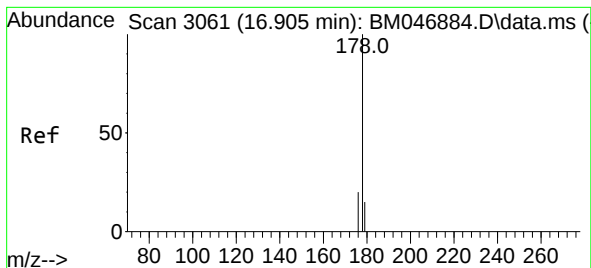
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 2.719 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

Tgt Ion:166 Resp: 59240
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.6
167 13.9 12.3 18.5





#15

Phenanthrene

Concen: 6.452 ng/ul

RT: 16.901 min Scan# 3060

Delta R.T. -0.013 min

Lab File: BM046900.D

Acq: 30 Jul 2024 01:17

Instrument :

BNA_M

ClientSampleId :

F7E15

Tgt Ion:178 Resp: 209750

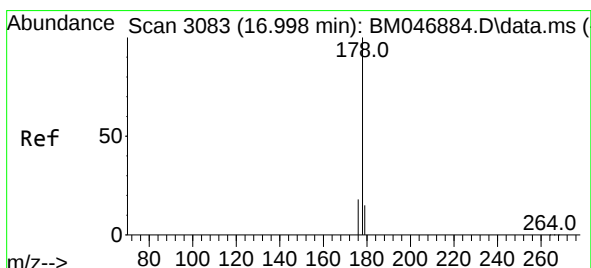
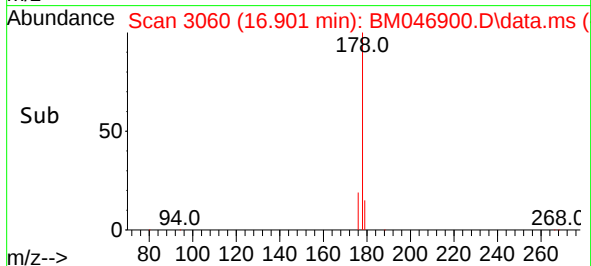
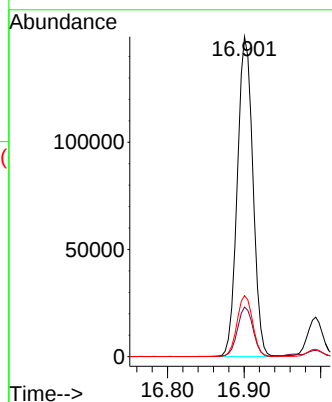
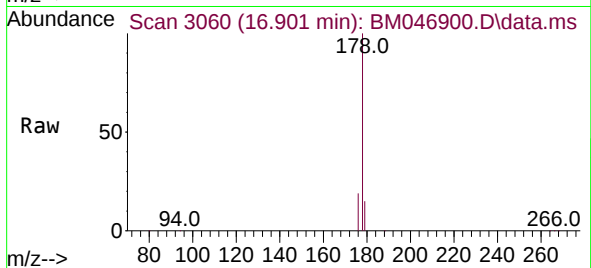
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.1	16.1	24.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#16

Anthracene

Concen: 0.828 ng/ul

RT: 16.993 min Scan# 3082

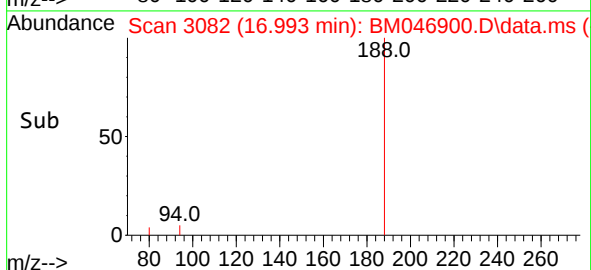
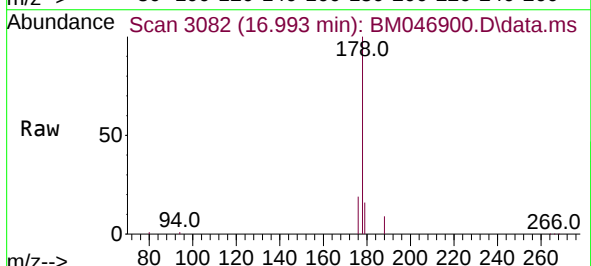
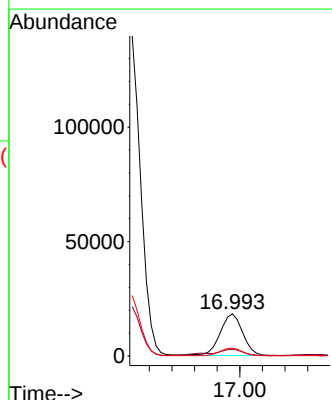
Delta R.T. -0.013 min

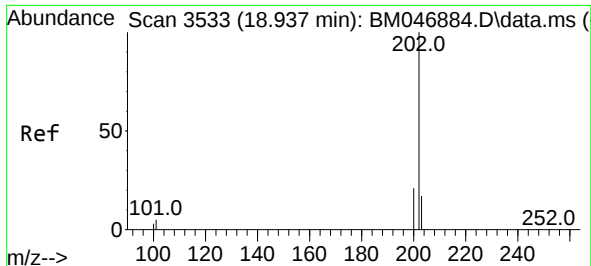
Lab File: BM046900.D

Acq: 30 Jul 2024 01:17

Tgt Ion:178 Resp: 25070

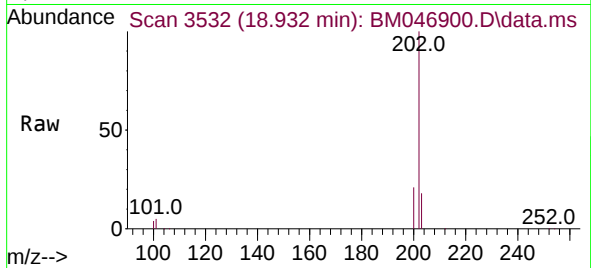
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.1	19.7
176	18.6	15.0	22.6





#19
Fluoranthene
Concen: 2.929 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

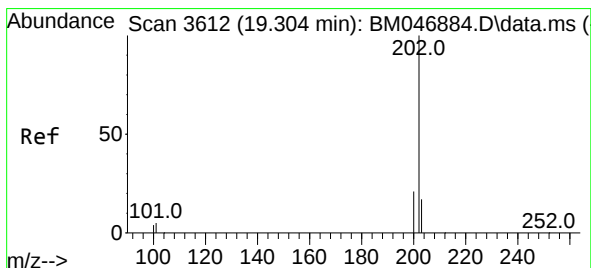
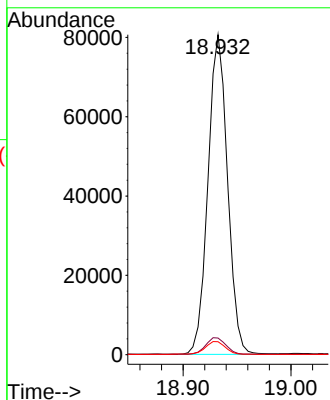
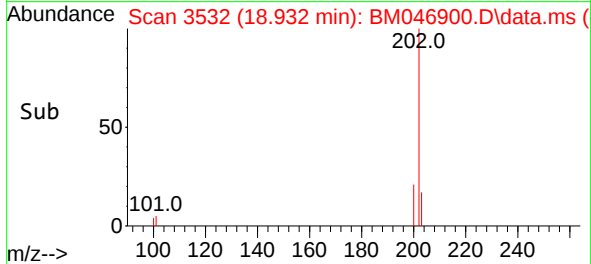
Instrument :
BNA_M
ClientSampleId :
F7E15



Tgt Ion:202 Resp: 101540
Ion Ratio Lower Upper
202 100
101 5.2 4.7 7.1
100 4.1 3.4 5.2

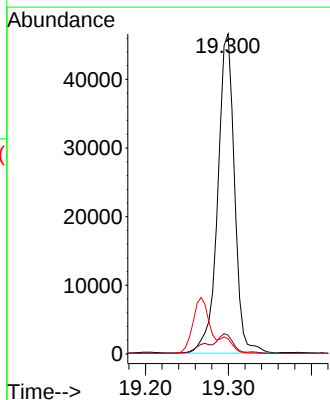
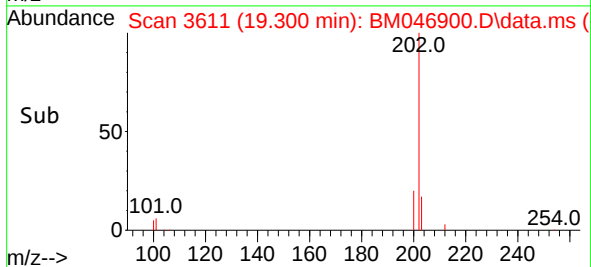
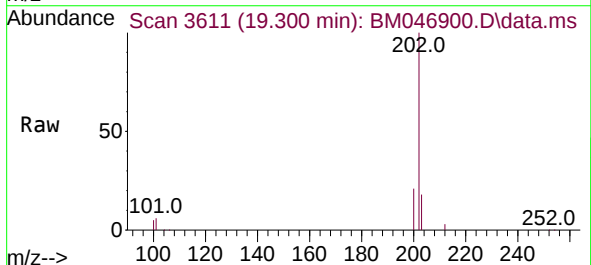
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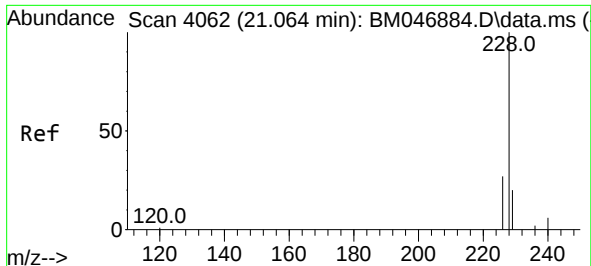
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 1.819 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

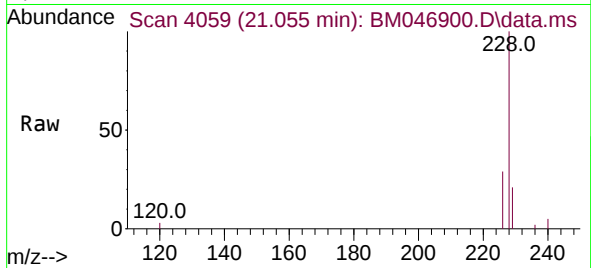
Tgt Ion:202 Resp: 65232
Ion Ratio Lower Upper
202 100
101 5.9 5.2 7.8
100 4.7 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.513 ng/ul
RT: 21.055 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

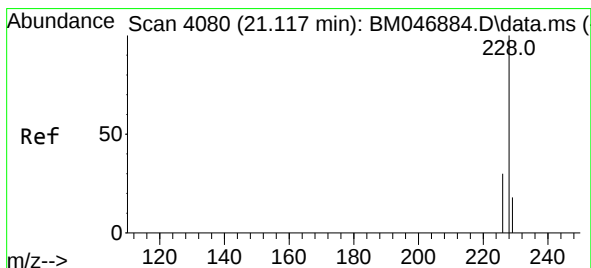
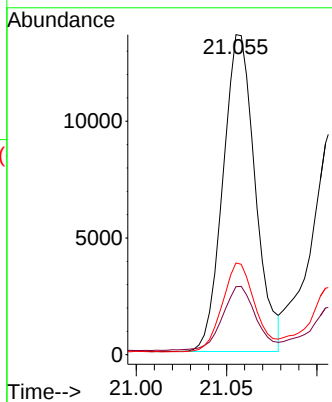
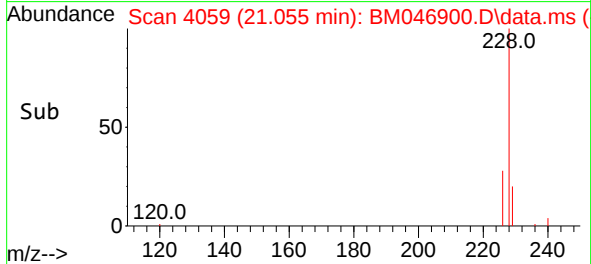
Instrument :
BNA_M
ClientSampleId :
F7E15



Tgt Ion:228 Resp: 1686
Ion Ratio Lower Upper
228 100
229 21.2 16.3 24.5
226 28.6 22.3 33.5

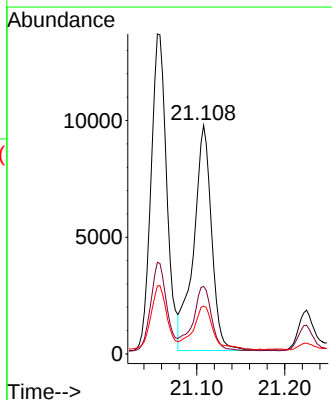
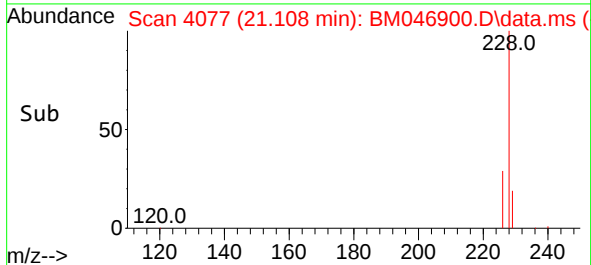
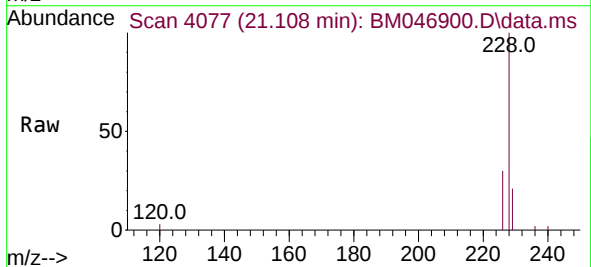
Manual Integrations
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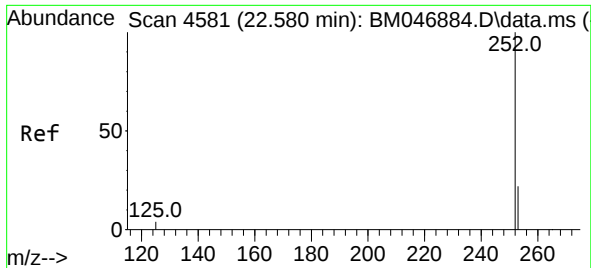
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.009 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

Tgt Ion:228 Resp: 13702
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 20.9 16.2 24.2





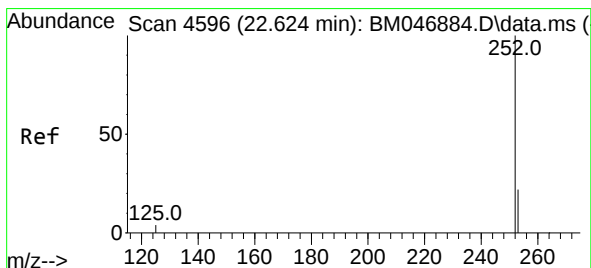
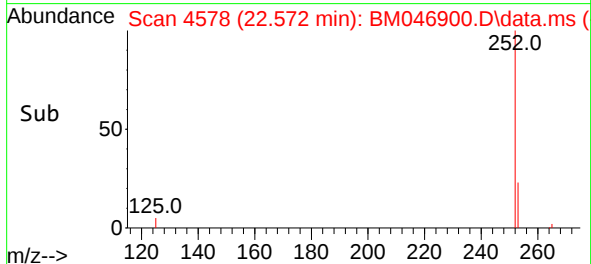
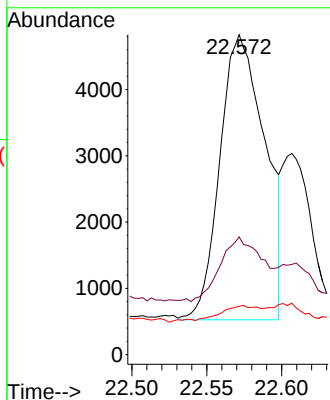
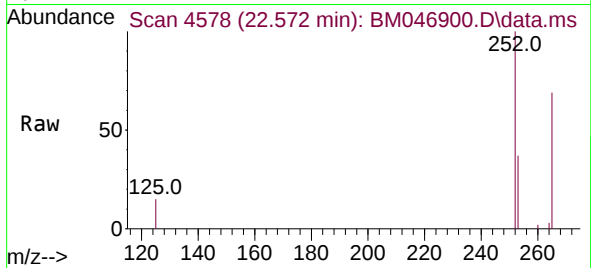
#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

Instrument :
BNA_M
ClientSampleId :
F7E15

Tgt Ion:252 Resp: 8998
Ion Ratio Lower Upper
252 100
253 36.8 0.0 56.4
125 15.1 0.0 15.8

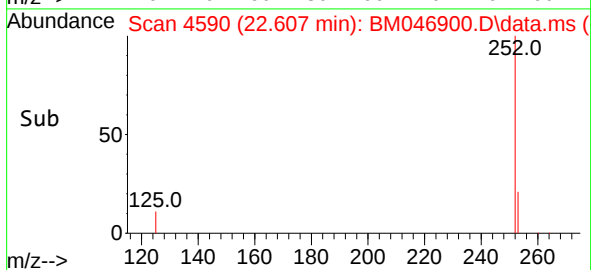
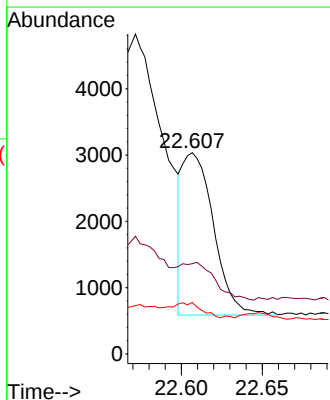
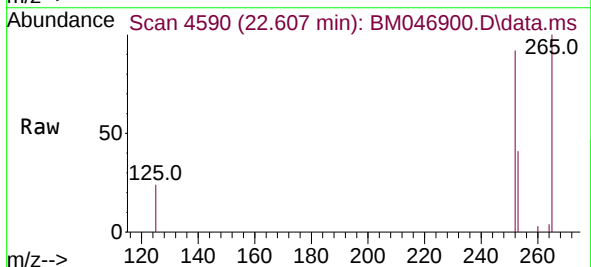
Manual Integrations
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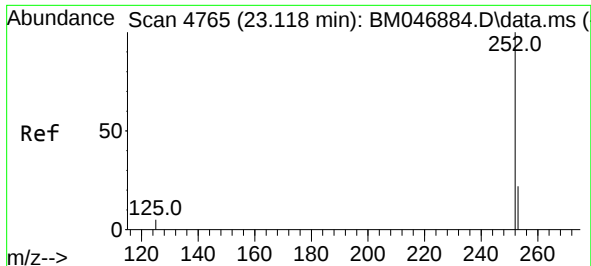
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.015 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

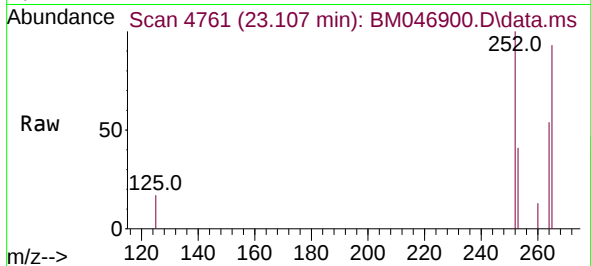
Tgt Ion:252 Resp: 3306
Ion Ratio Lower Upper
252 100
253 44.8 23.5 35.3#
125 25.6 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

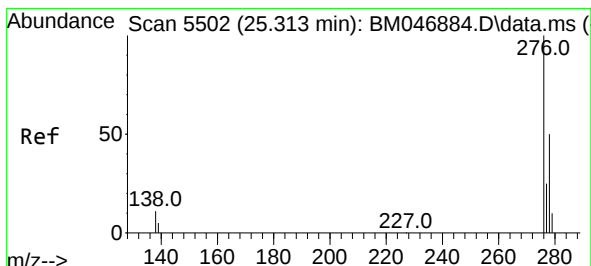
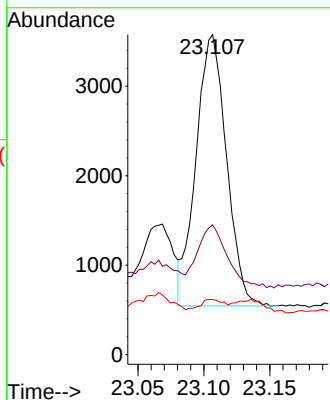
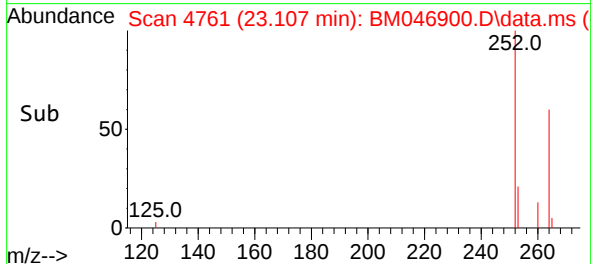
Instrument :
BNA_M
ClientSampleId :
F7E15



Tgt Ion:252 Resp: 4870
Ion Ratio Lower Upper
252 100
253 40.6 26.0 39.0
125 17.2 7.8 11.8

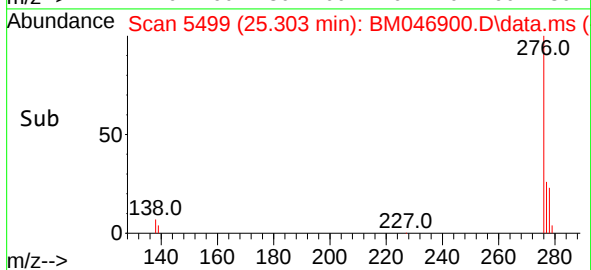
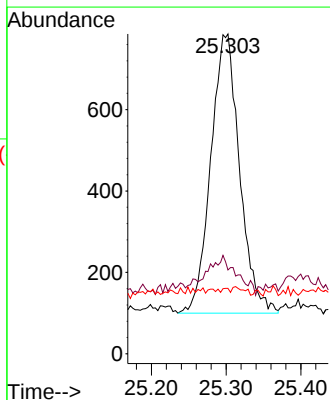
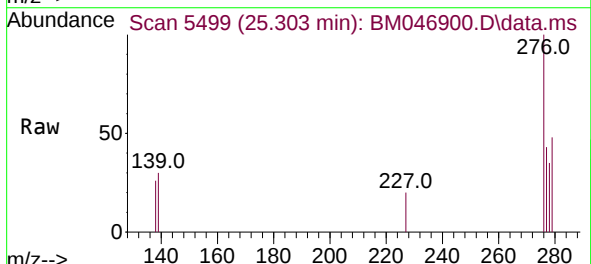
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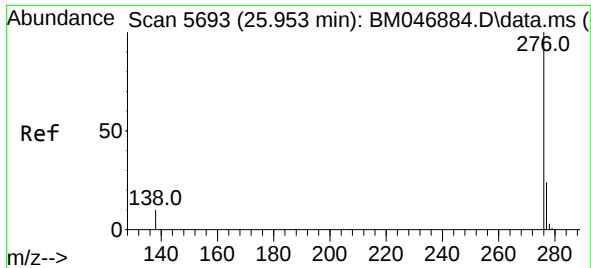
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 25.303 min Scan# 5499
Delta R.T. -0.013 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

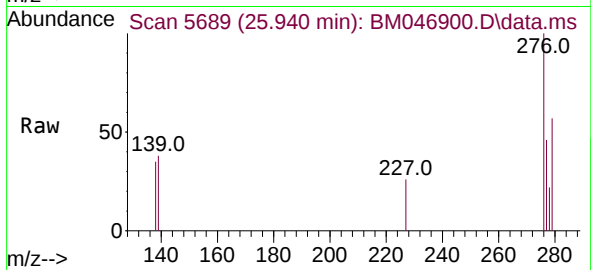
Tgt Ion:276 Resp: 1836
Ion Ratio Lower Upper
276 100
138 13.7 9.7 14.5
227 0.6 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 25.940 min Scan# 50
Delta R.T. -0.013 min
Lab File: BM046900.D
Acq: 30 Jul 2024 01:17

Instrument :
BNA_M
ClientSampleId :
F7E15



Tgt Ion:276 Resp: 1460
Ion Ratio Lower Upper
276 100
138 35.0 9.5 14.3
277 45.6 20.9 31.3

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Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

