

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046773.D
 Acq On : 23 Jul 2024 12:05
 Operator : MA/JU
 Sample : P3238-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BE7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 12:46:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	3698	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	10204	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.123	164	7122	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	15794	0.400	ng/ul	0.00
17) Chrysene-d12	21.090	240	13483	0.400	ng/ul	# 0.00
23) Perylene-d12	23.224	264	12975	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1743	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	693	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.918	212	1884	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	3304	0.127	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	959	0.053	ng/ul	98
8) 1-Methylnaphthalene	12.135	142	737	0.040	ng/ul	97
10) Acenaphthylene	13.841	152	2346	0.072	ng/ul	95
11) Acenaphthene	14.188	153	4652	0.214	ng/ul	96
12) Fluorene	15.182	166	6628	0.247	ng/ul	98
15) Phenanthrene	16.922	178	130404	2.893	ng/ul	98
16) Anthracene	17.010	178	20203	0.459	ng/ul	98
19) Fluoranthene	18.951	202	231704	4.184	ng/ul	98
20) Pyrene	19.314	202	154865	2.583	ng/ul	99
21) Benzo(a)anthracene	21.073	228	90438	1.516	ng/ul	100
22) Chrysene	21.125	228	89940	1.558	ng/ul	99
24) Benzo(b)fluoranthene	22.592	252	107589m	2.076	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	41229m	0.810	ng/ul	
26) Benzo(a)pyrene	23.127	252	40176m	0.942	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.326	276	34565	0.532	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.339	278	11378	0.221	ng/ul#	92
29) Benzo(g,h,i)perylene	25.970	276	5341	0.103	ng/ul#	87

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

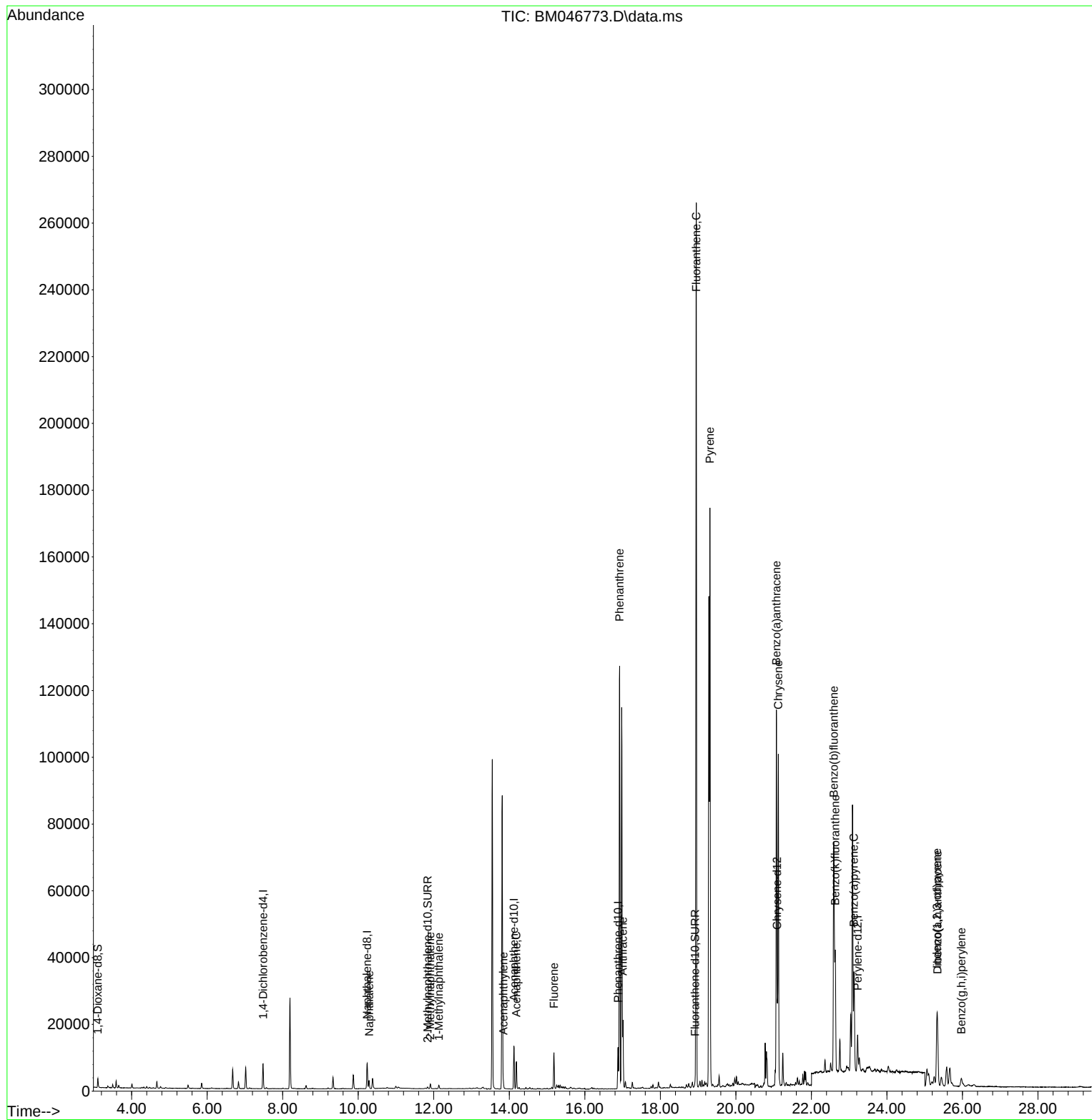
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046773.D
Acq On : 23 Jul 2024 12:05
Operator : MA/JU
Sample : P3238-04DL 5X
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ALS Vial : 5 Sample Multiplier: 1

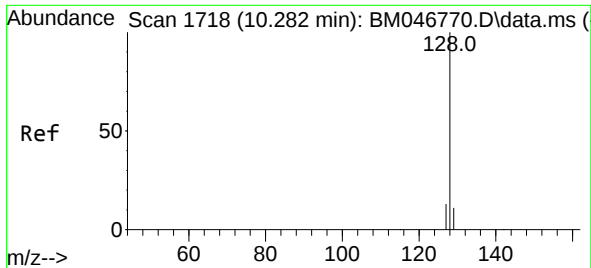
Instrument :
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Supervised By :mohammad ahmed 07/25/2024

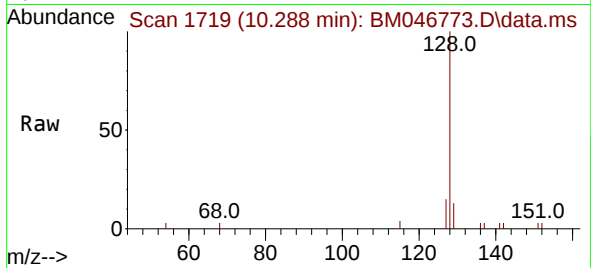
Quant Time: Jul 23 12:46:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

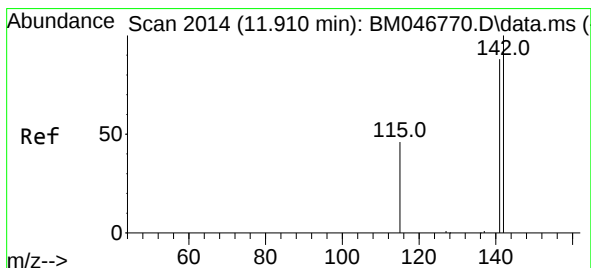
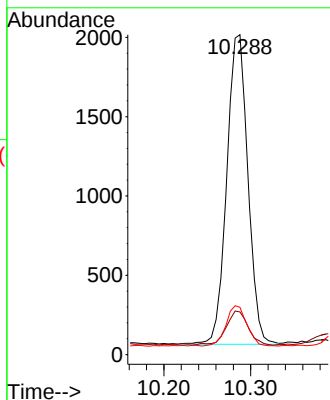
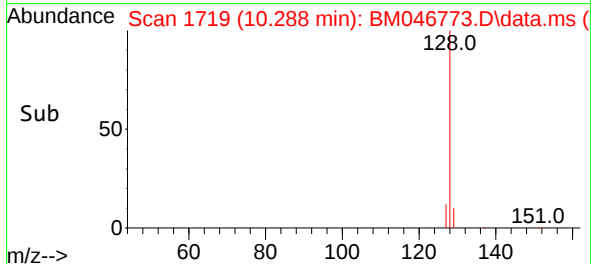
Instrument :
BNA_M
ClientSampleId :
A4BE7DL



Tgt Ion:128 Resp: 3304
Ion Ratio Lower Upper
128 100
129 13.3 10.3 15.5
127 14.8 12.2 18.4

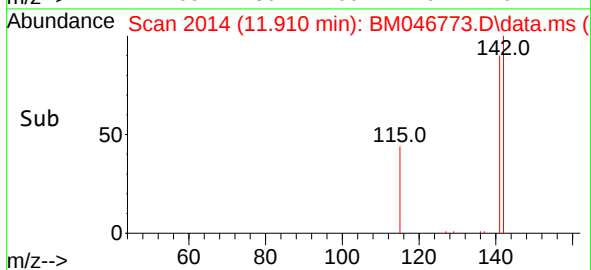
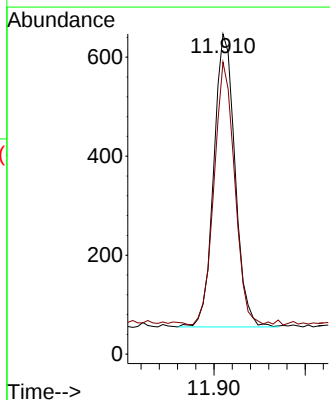
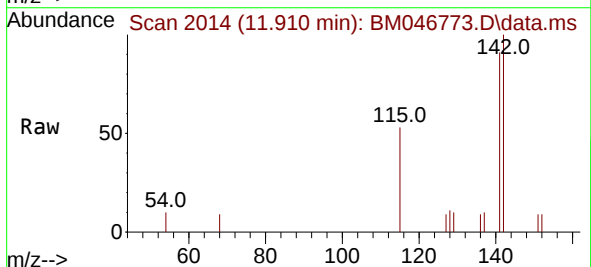
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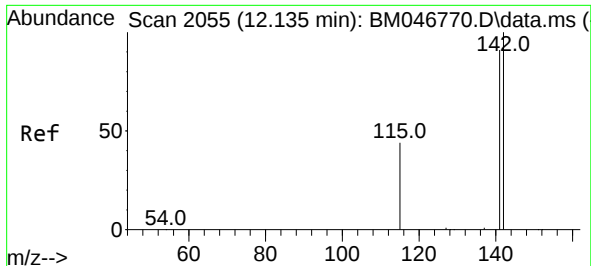
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

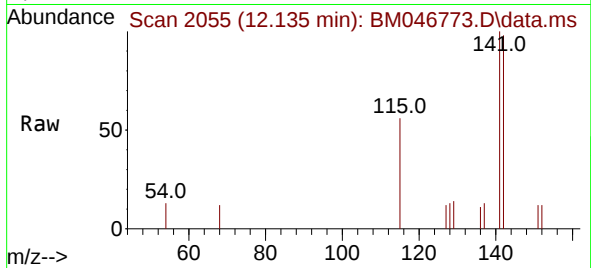
Tgt Ion:142 Resp: 959
Ion Ratio Lower Upper
142 100
141 86.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

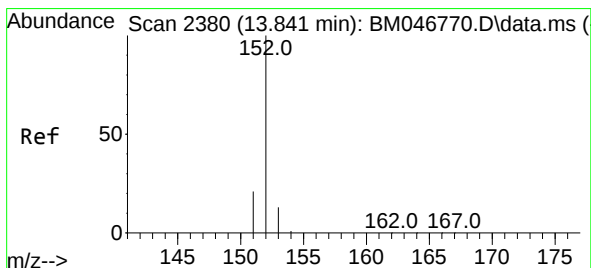
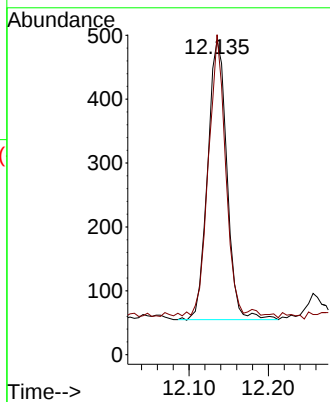
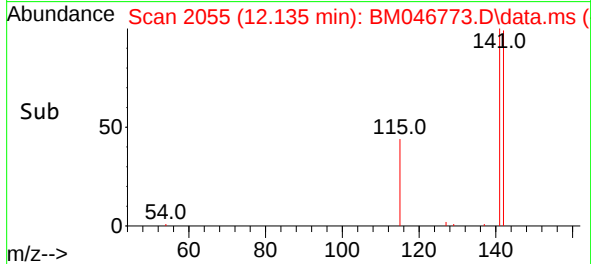
Instrument :
BNA_M
ClientSampleId :
A4BE7DL



Tgt Ion:142 Resp: 73.9
Ion Ratio Lower Upper
142 100
141 89.4 73.9 110.9

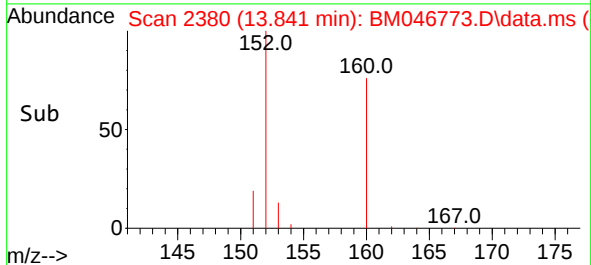
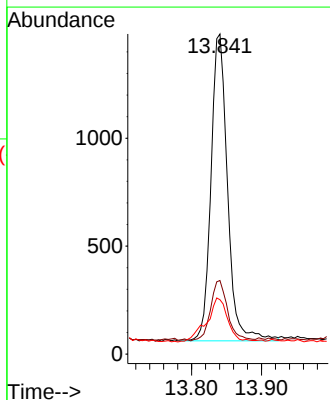
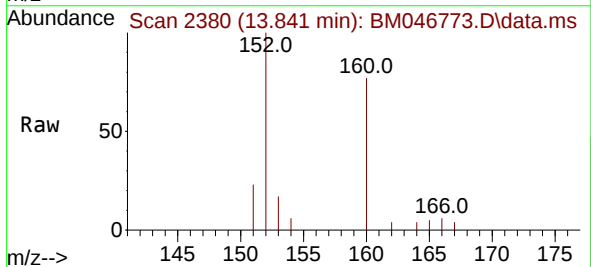
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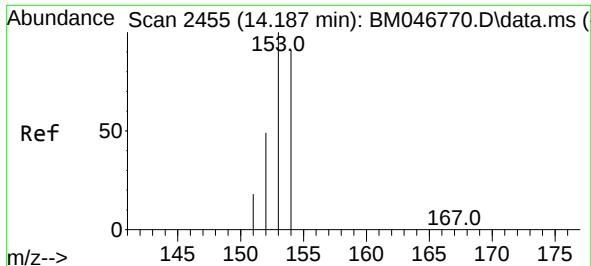
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.841 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

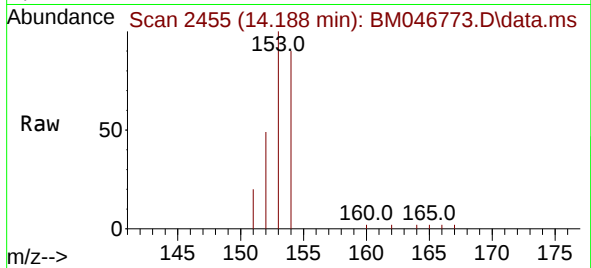
Tgt Ion:152 Resp: 2346
Ion Ratio Lower Upper
152 100
151 23.0 16.4 24.6
153 17.0 12.4 18.6





#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

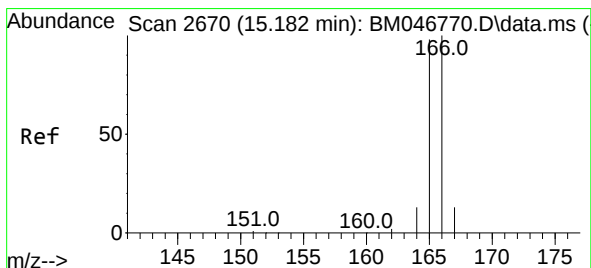
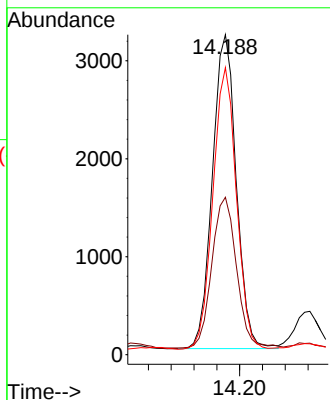
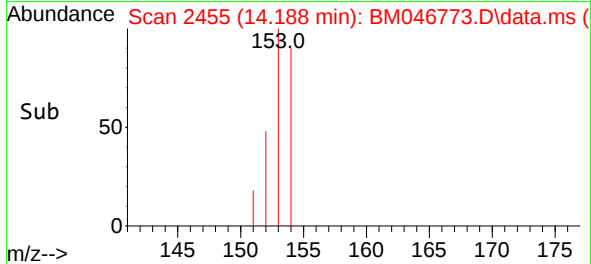
Instrument :
BNA_M
ClientSampleId :
A4BE7DL



Tgt Ion:153 Resp: 4652
Ion Ratio Lower Upper
153 100
152 49.2 43.0 64.6
154 89.7 69.9 104.9

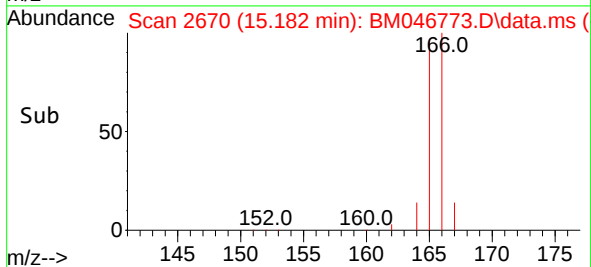
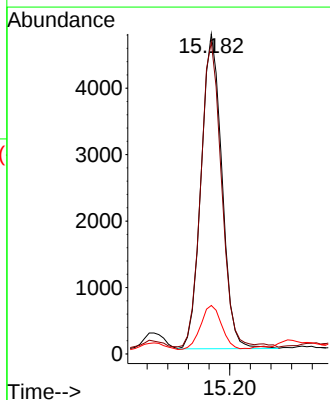
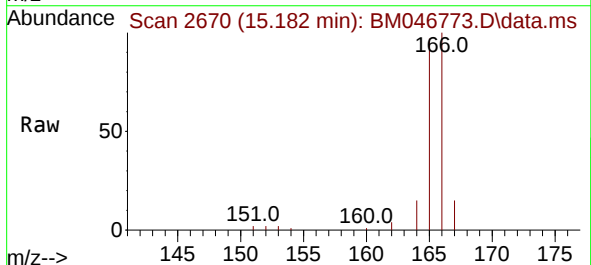
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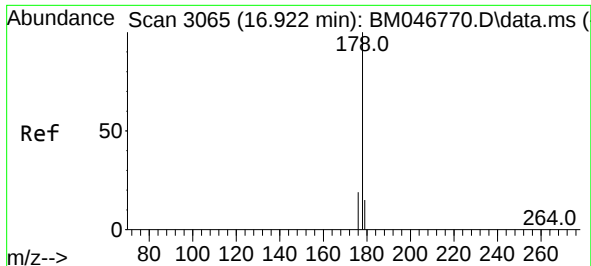
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.247 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

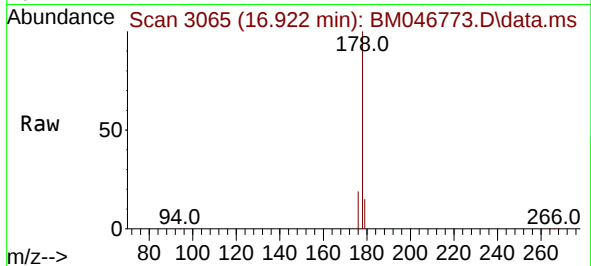
Tgt Ion:166 Resp: 6628
Ion Ratio Lower Upper
166 100
165 97.4 76.1 114.1
167 15.2 12.5 18.7





#15
Phenanthrene
Concen: 2.893 ng/ul
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

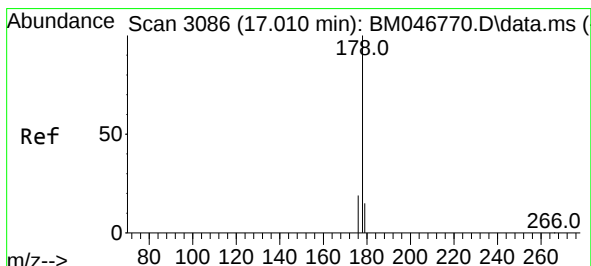
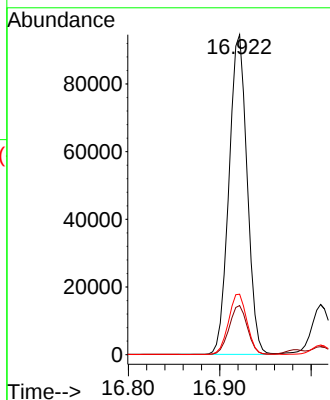
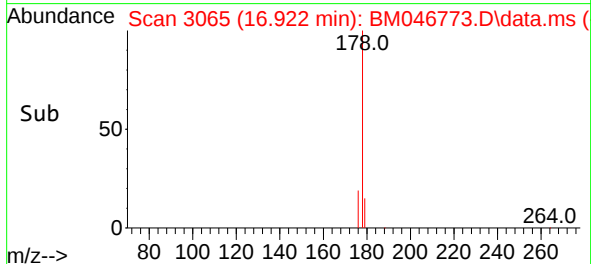
Instrument :
BNA_M
ClientSampleId :
A4BE7DL



Tgt Ion:178 Resp: 130404
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 18.9 16.0 24.0

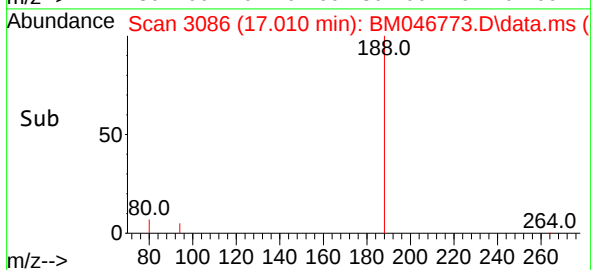
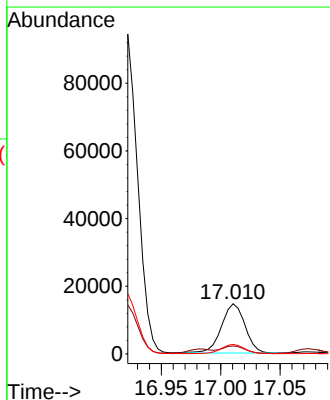
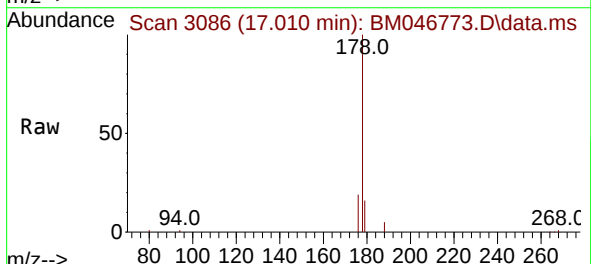
Manual Integrations
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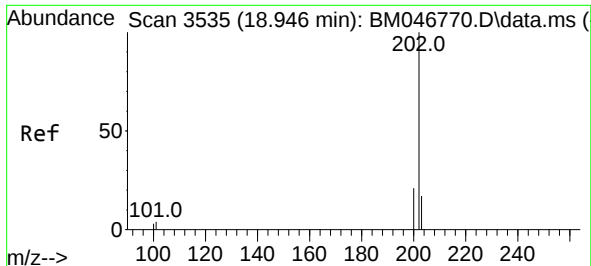
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.010 min Scan# 3086
Delta R.T. -0.007 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

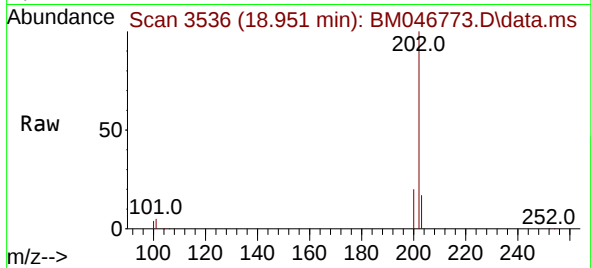
Tgt Ion:178 Resp: 20203
Ion Ratio Lower Upper
178 100
179 15.9 13.5 20.3
176 19.0 15.7 23.5





#19
Fluoranthene
Concen: 4.184 ng/u1
RT: 18.951 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

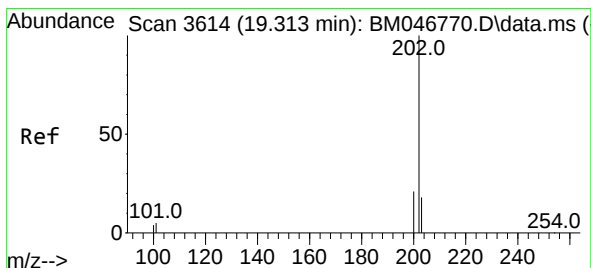
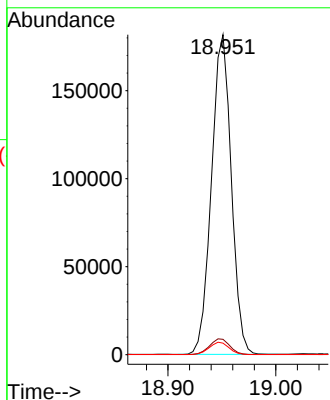
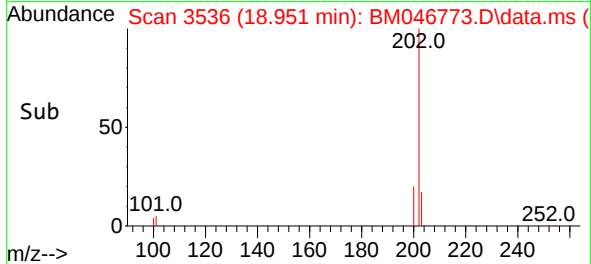
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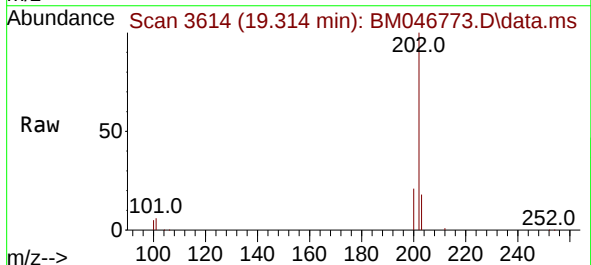
Tgt Ion:202 Resp: 231704
Ion Ratio Lower Upper
202 100
101 4.8 4.6 6.8
100 3.6 3.0 4.6

Manual Integrations
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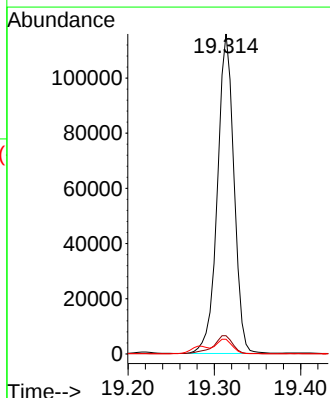
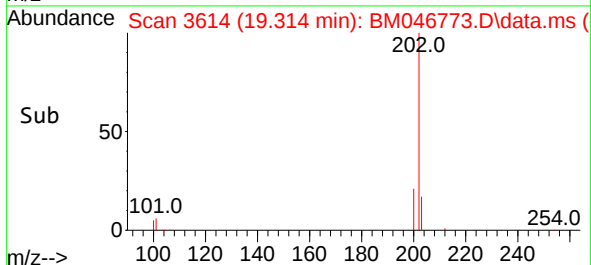
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Supervised By :mohammad ahmed 07/25/2024

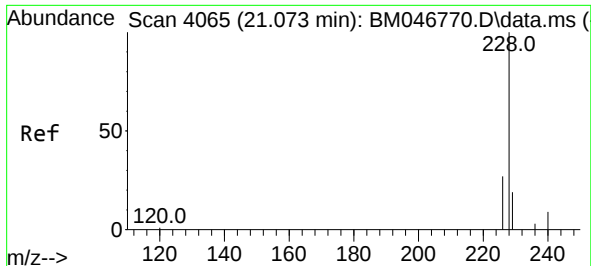


#20
Pyrene
Concen: 2.583 ng/u1
RT: 19.314 min Scan# 3614
Delta R.T. -0.008 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05



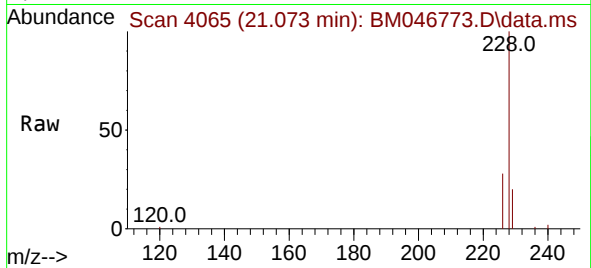
Tgt Ion:202 Resp: 154865
Ion Ratio Lower Upper
202 100
101 5.7 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.516 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

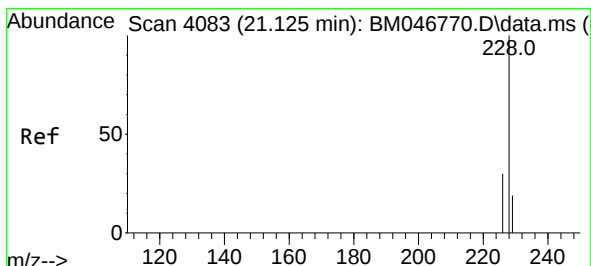
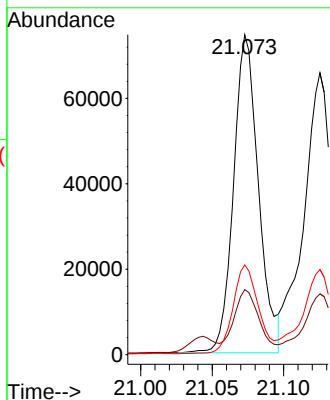
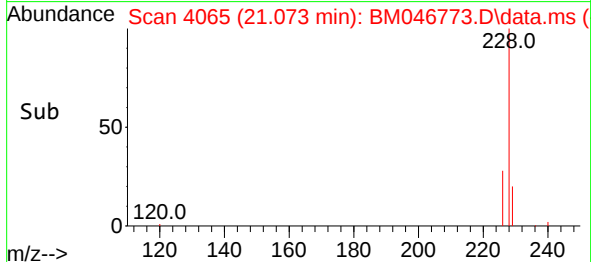
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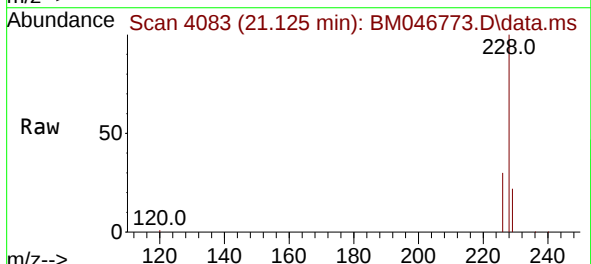
Tgt Ion:228 Resp: 90438
Ion Ratio Lower Upper
228 100
229 20.3 16.5 24.7
226 28.1 22.5 33.7

Manual Integrations
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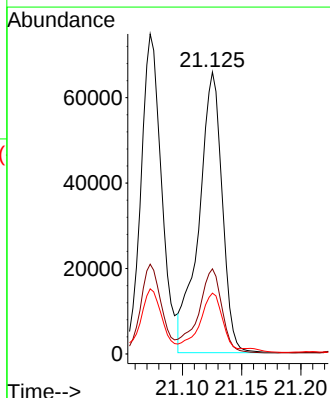
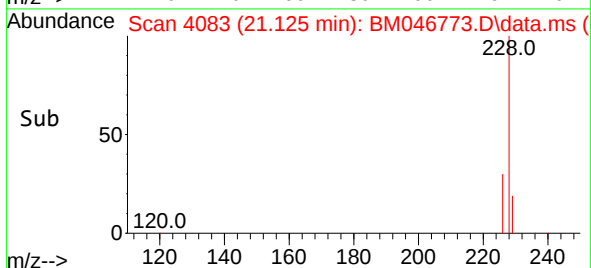
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

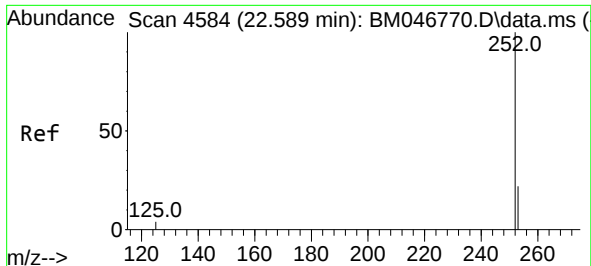


#22
Chrysene
Concen: 1.558 ng/ul
RT: 21.125 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05



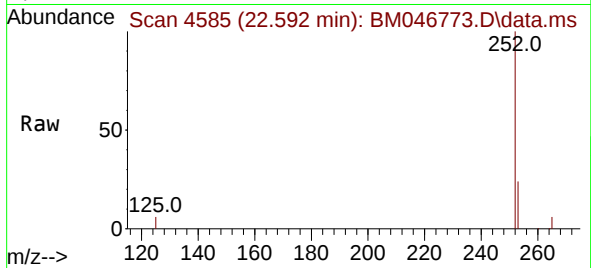
Tgt Ion:228 Resp: 89940
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.076 ng/ul m
RT: 22.592 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

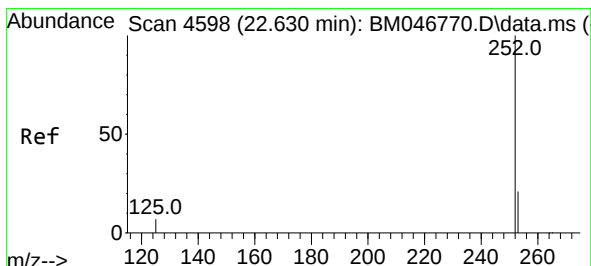
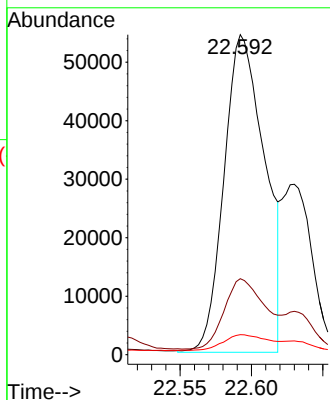
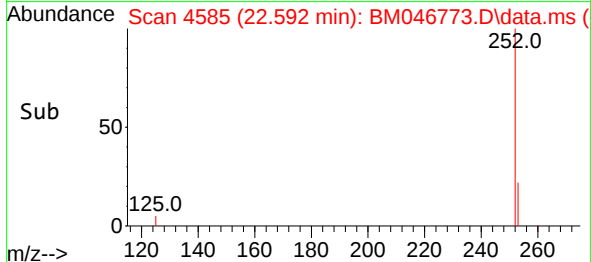
Instrument :
BNA_M
ClientSampleId :
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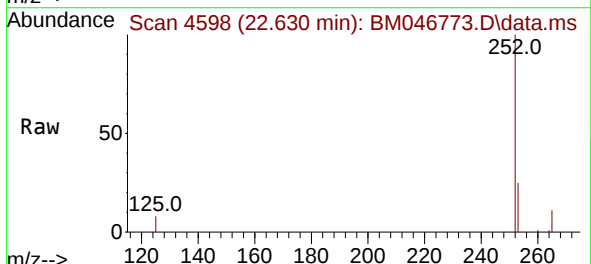
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Ion Ratio Lower Upper
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253 23.8 0.0 56.2
125 6.3 0.0 17.8

Manual Integrations
APPROVED

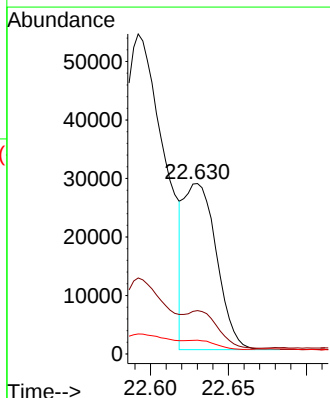
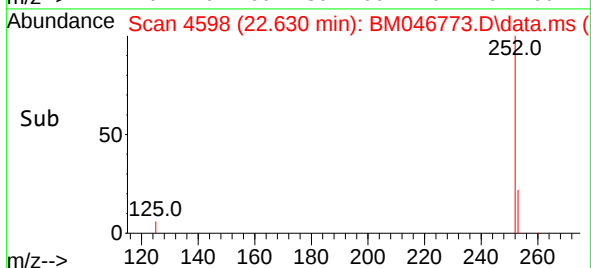
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

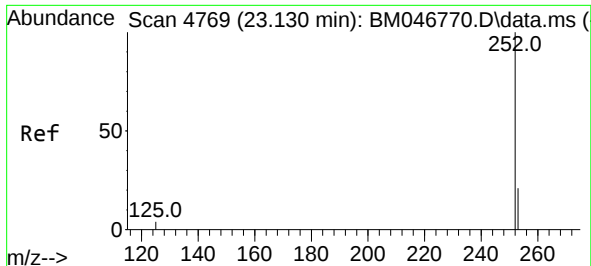


#25
Benzo(k)fluoranthene
Concen: 0.810 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05



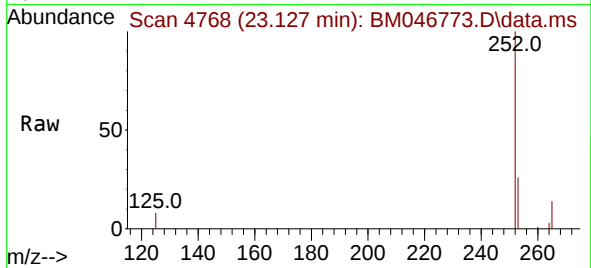
Tgt Ion:252 Resp: 41229
Ion Ratio Lower Upper
252 100
253 25.4 22.4 33.6
125 8.1 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.942 ng/ul m
RT: 23.127 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

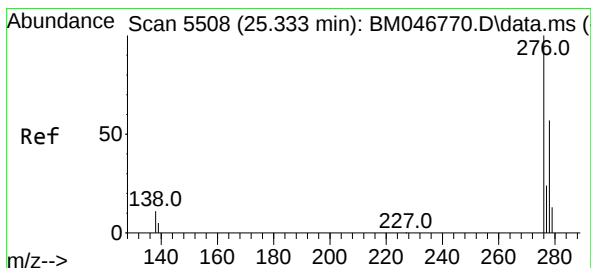
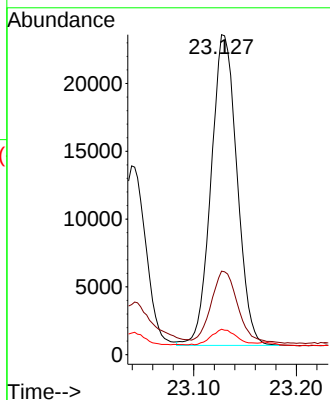
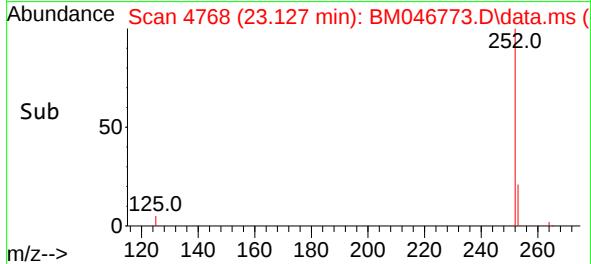
Instrument :
BNA_M
ClientSampleId :
A4BE7DL



Tgt Ion:252 Resp: 40170
Ion Ratio Lower Upper
252 100
253 26.1 24.0 36.0
125 7.9 8.2 12.2

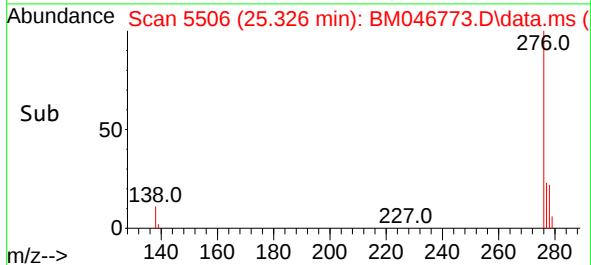
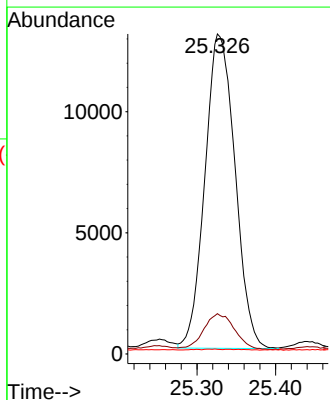
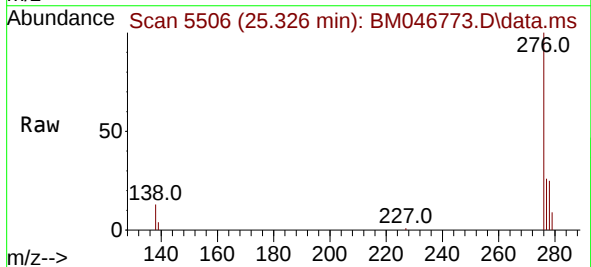
Manual Integrations
APPROVED

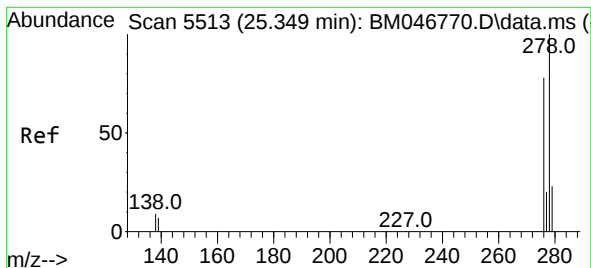
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.021 min
Lab File: BM046773.D
Acq: 23 Jul 2024 12:05

Tgt Ion:276 Resp: 34565
Ion Ratio Lower Upper
276 100
138 11.6 0.0 0.0#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.221 ng/ul

RT: 25.339 min Scan# 5513

Delta R.T. -0.021 min

Lab File: BM046773.D

Acq: 23 Jul 2024 12:05

Instrument :

BNA_M

ClientSampleId :

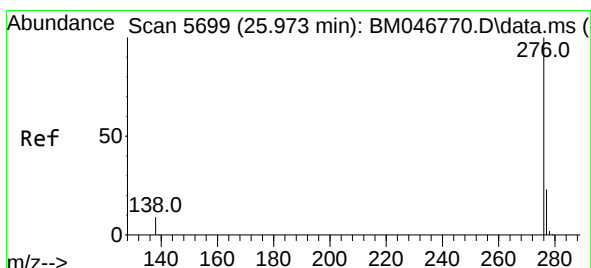
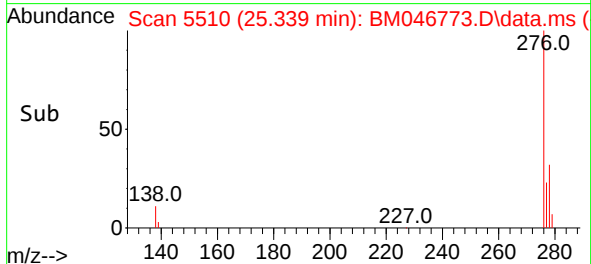
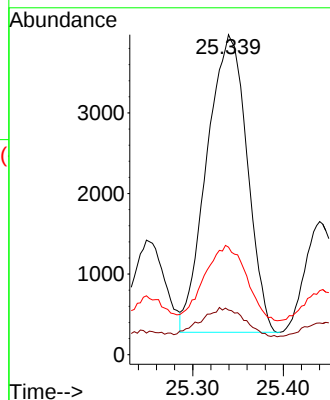
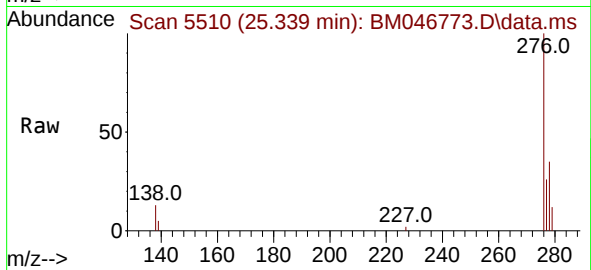
A4BE7DL

Tgt Ion:	278	Resp:	11378
Ion Ratio	Lower	Upper	
278	100		
139	14.0	9.1	13.7
279	33.6	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#29

Benzo(g,h,i)perylene

Concen: 0.103 ng/ul

RT: 25.970 min Scan# 5698

Delta R.T. -0.014 min

Lab File: BM046773.D

Acq: 23 Jul 2024 12:05

Tgt Ion:	276	Resp:	5341
Ion Ratio	Lower	Upper	
276	100		
138	18.6	10.2	15.4
277	32.5	20.9	31.3

