

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046778.D
 Acq On : 23 Jul 2024 15:08
 Operator : MA/JU
 Sample : P3238-19DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 16:08:00 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	3759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	10286	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.123	164	6897	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	14338	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	9744	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	10029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1534	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	645	0.039	ng/ul	-0.02
18) Fluoranthene-d10	18.919	212	1405	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.282	128	2032	0.078	ng/ul	94
7) 2-Methylnaphthalene	11.910	142	709	0.039	ng/ul	95
8) 1-Methylnaphthalene	12.135	142	465	0.025	ng/ul	97
10) Acenaphthylene	13.841	152	2761	0.088	ng/ul	98
11) Acenaphthene	14.188	153	942	0.045	ng/ul	96
12) Fluorene	15.182	166	1378	0.053	ng/ul#	99
15) Phenanthrene	16.918	178	33899	0.829	ng/ul	99
16) Anthracene	17.010	178	6625	0.166	ng/ul	99
19) Fluoranthene	18.946	202	64757	1.618	ng/ul	99
20) Pyrene	19.314	202	48675	1.123	ng/ul	99
21) Benzo(a)anthracene	21.073	228	26637	0.618	ng/ul	98
22) Chrysene	21.122	228	30440	0.730	ng/ul	99
24) Benzo(b)fluoranthene	22.592	252	38681m	0.966	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	15770m	0.401	ng/ul	
26) Benzo(a)pyrene	23.130	252	15400	0.467	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.329	276	16756	0.334	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.340	278	5191	0.131	ng/ul#	76
29) Benzo(g,h,i)perylene	25.973	276	2582	0.064	ng/ul#	71

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

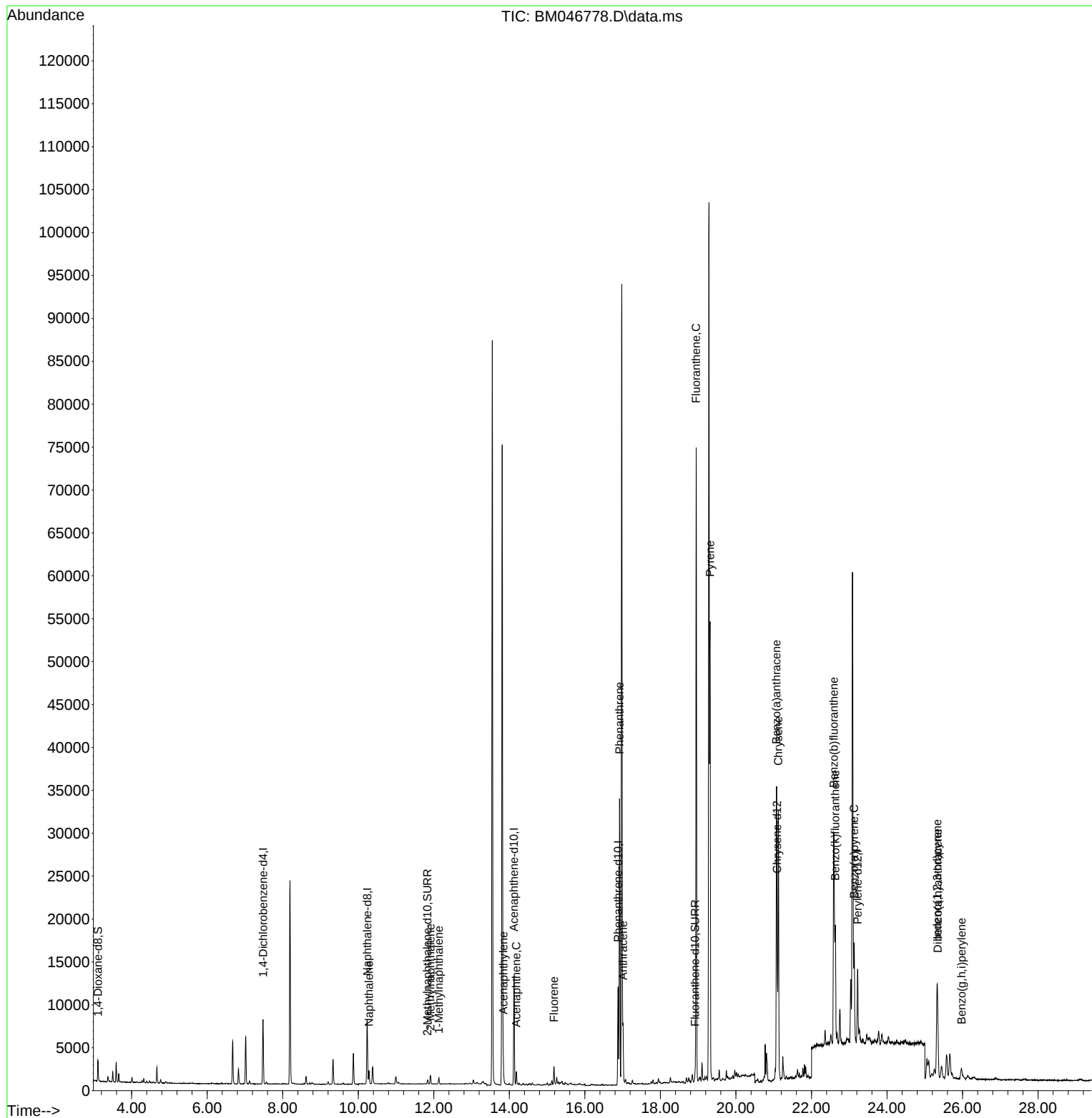
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046778.D
Acq On : 23 Jul 2024 15:08
Operator : MA/JU
Sample : P3238-19DL 5X
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ALS Vial : 10 Sample Multiplier: 1

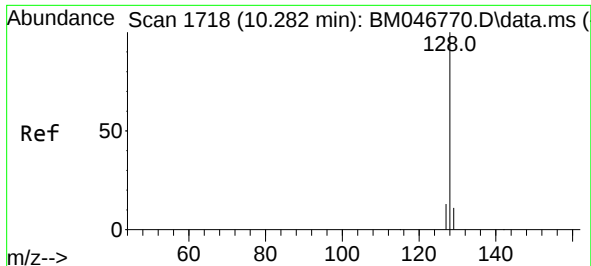
Instrument :
BNA_M
ClientSampleId :
A4CH4DL

Quant Time: Jul 23 16:08:00 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

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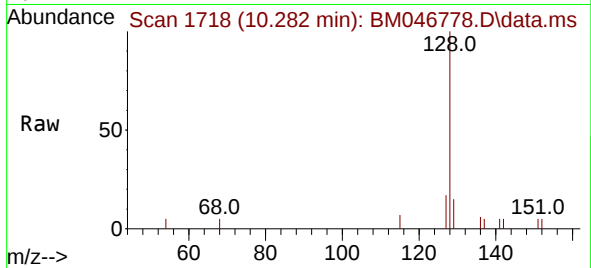
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.282 min Scan# 1718
Delta R.T. -0.015 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

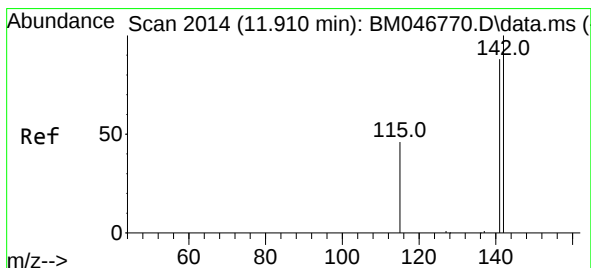
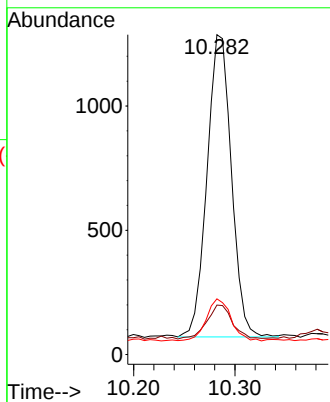
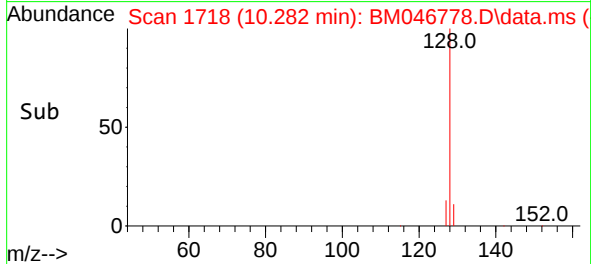
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



Tgt Ion:128 Resp: 203
Ion Ratio Lower Upper
128 100
129 15.5 10.3 15.5
127 17.4 12.2 18.4

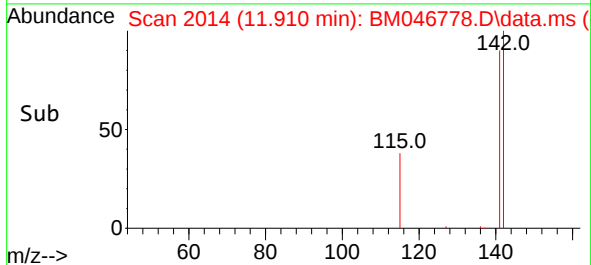
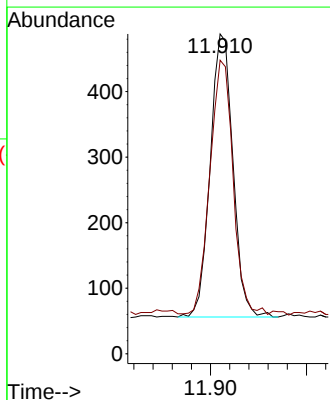
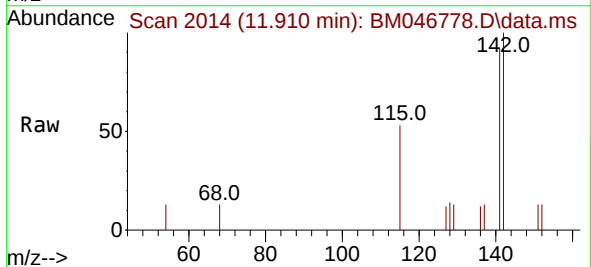
Manual Integrations
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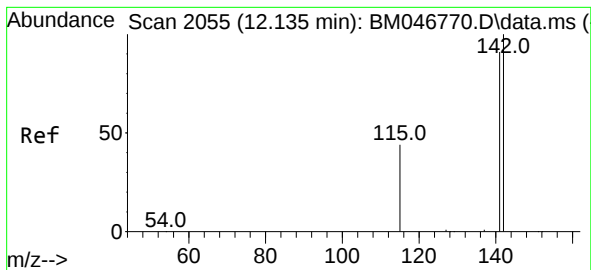
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

Tgt Ion:142 Resp: 709
Ion Ratio Lower Upper
142 100
141 92.7 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.135 min Scan# 2055

Delta R.T. -0.010 min

Lab File: BM046778.D

Acq: 23 Jul 2024 15:08

Instrument :

BNA_M

ClientSampleId :

A4CH4DL

Tgt Ion:142 Resp: 468

Ion Ratio Lower Upper

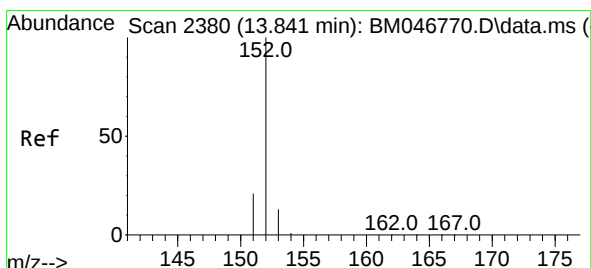
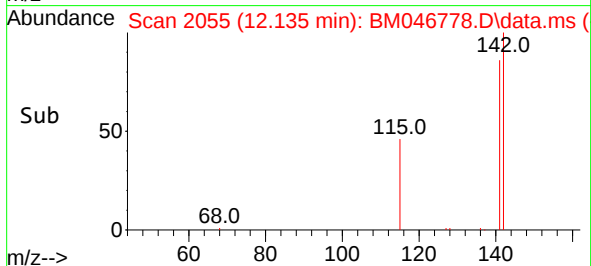
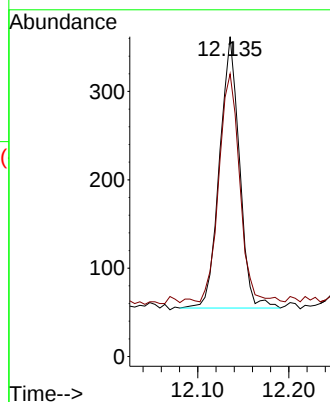
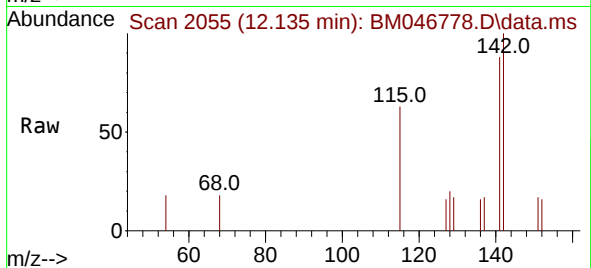
142 100

141 89.2 73.9 110.9

Manual Integrations

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



#10

Acenaphthylene

Concen: 0.088 ng/ul

RT: 13.841 min Scan# 2380

Delta R.T. -0.008 min

Lab File: BM046778.D

Acq: 23 Jul 2024 15:08

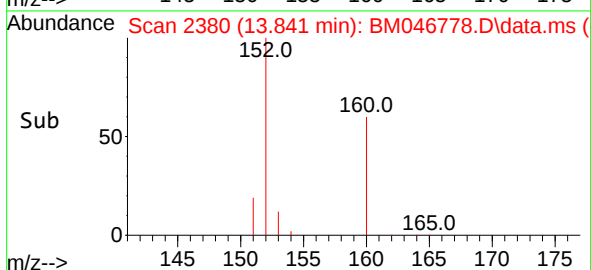
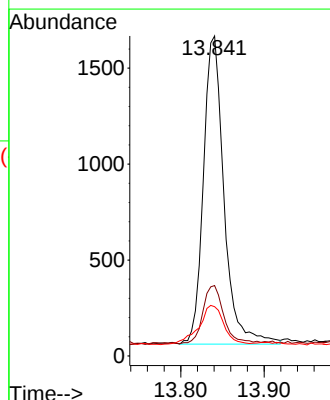
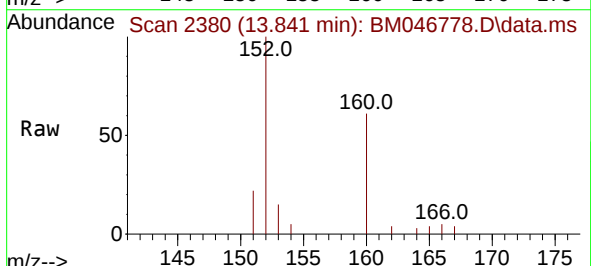
Tgt Ion:152 Resp: 2761

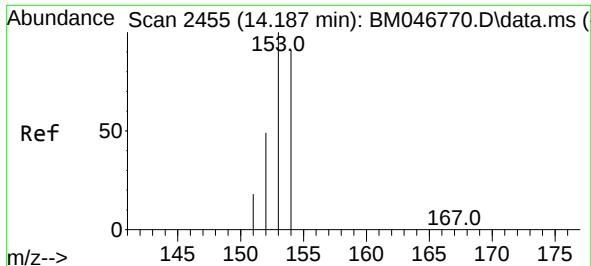
Ion Ratio Lower Upper

152 100

151 22.0 16.4 24.6

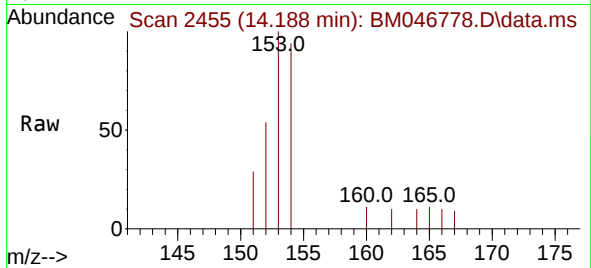
153 15.4 12.4 18.6





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

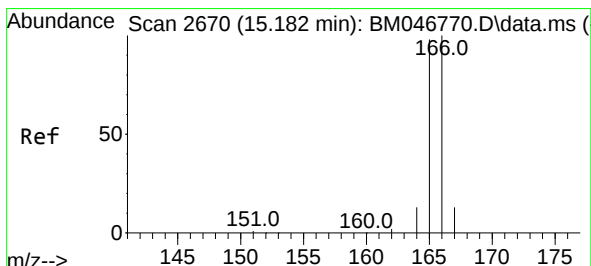
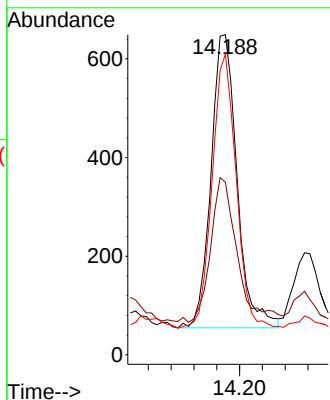
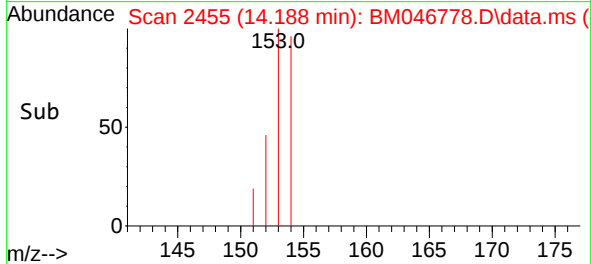
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



Tgt Ion:153 Resp: 94.0
Ion Ratio Lower Upper
153 100
152 53.9 43.0 64.6
154 94.0 69.9 104.9

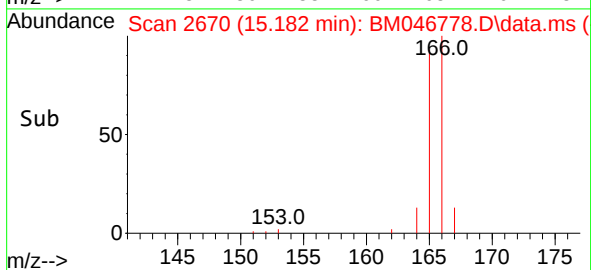
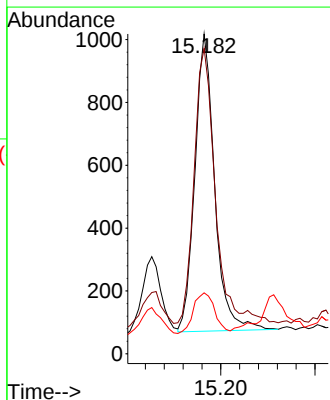
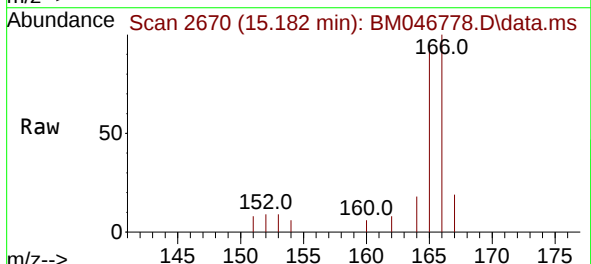
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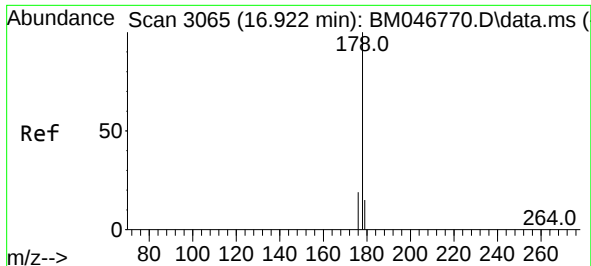
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

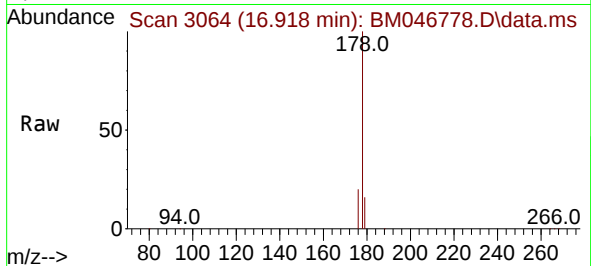
Tgt Ion:166 Resp: 1378
Ion Ratio Lower Upper
166 100
165 95.5 76.1 114.1
167 19.1 12.5 18.7#





#15
Phenanthrene
Concen: 0.829 ng/ul
RT: 16.918 min Scan# 3064
Delta R.T. -0.007 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

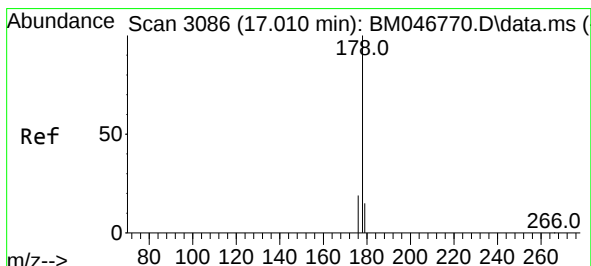
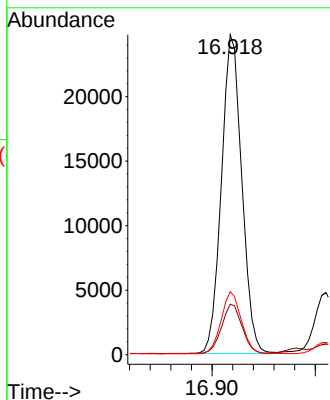
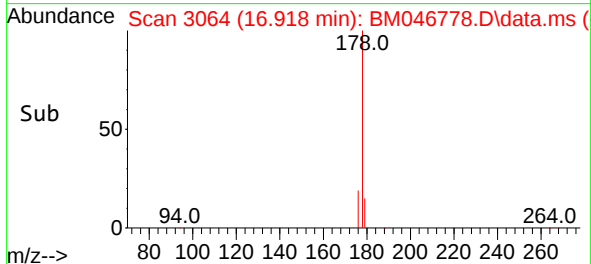
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



Tgt Ion:178 Resp: 3389
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.7 16.0 24.0

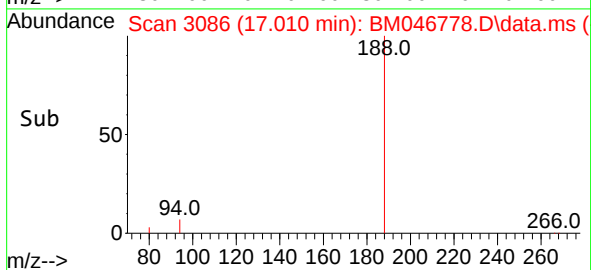
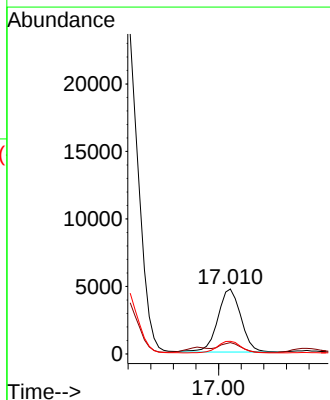
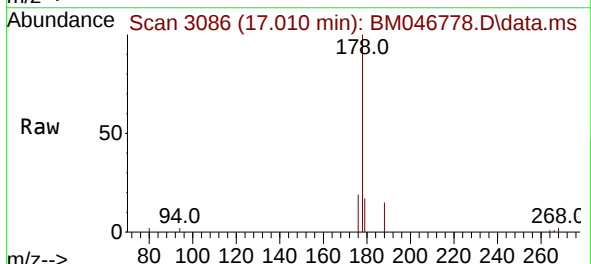
Manual Integrations
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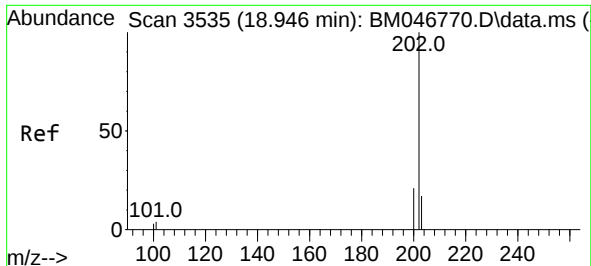
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.166 ng/ul
RT: 17.010 min Scan# 3086
Delta R.T. -0.007 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

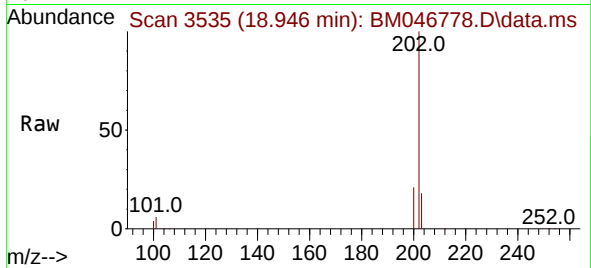
Tgt Ion:178 Resp: 6625
Ion Ratio Lower Upper
178 100
179 17.4 13.5 20.3
176 19.5 15.7 23.5





#19
Fluoranthene
Concen: 1.618 ng/ul
RT: 18.946 min Scan# 3535
Delta R.T. -0.008 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

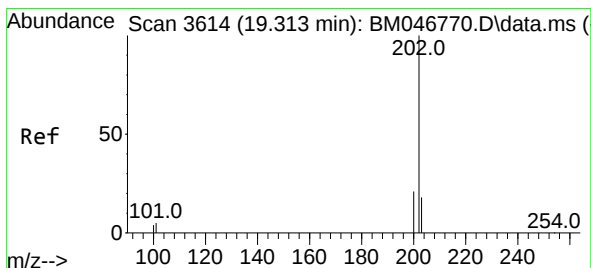
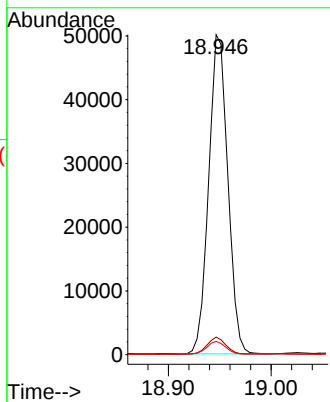
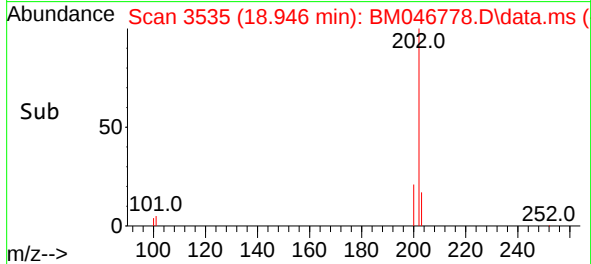
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



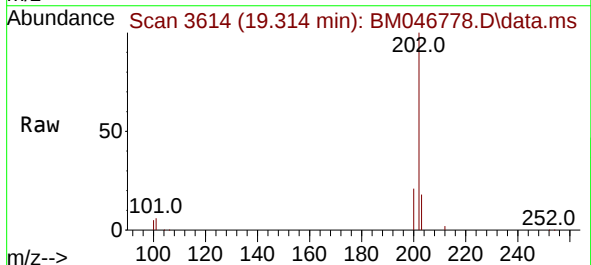
Tgt Ion:202 Resp: 6475
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.1 3.0 4.6

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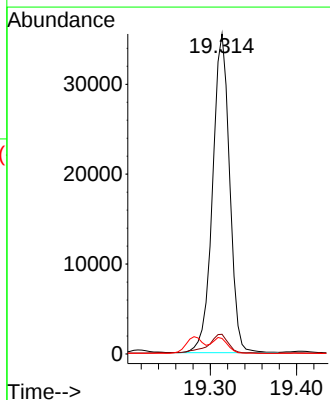
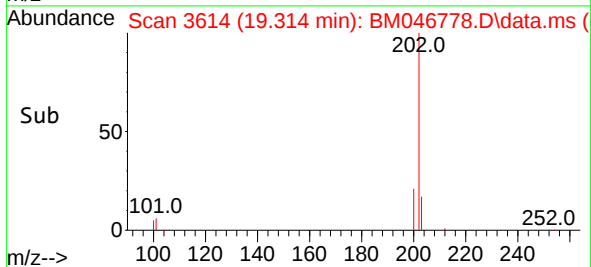
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

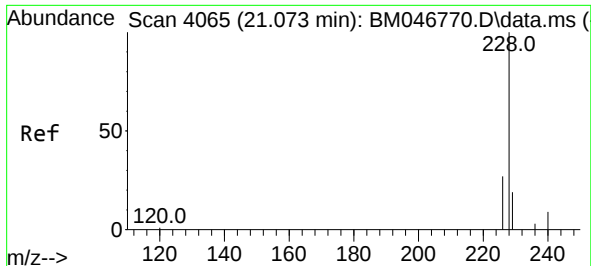


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Pyrene
Concen: 1.123 ng/ul
RT: 19.314 min Scan# 3614
Delta R.T. -0.008 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08



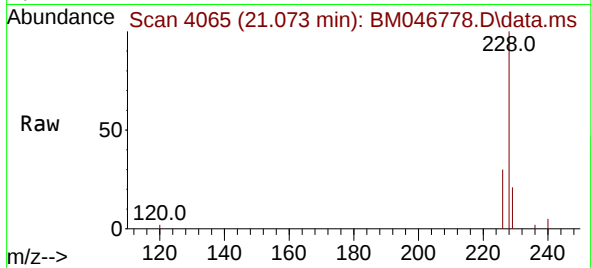
Tgt Ion:202 Resp: 48675
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.618 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

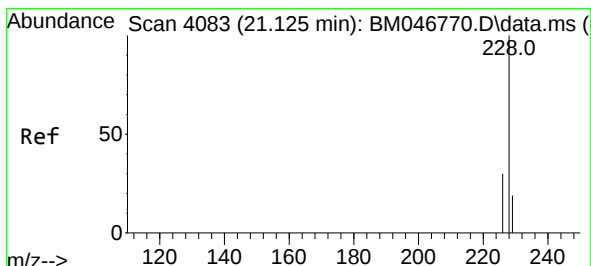
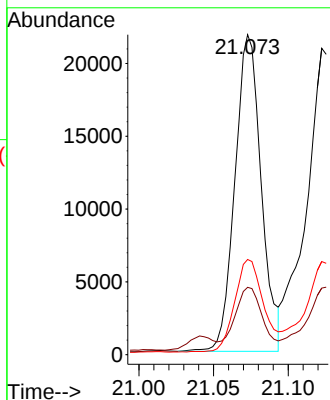
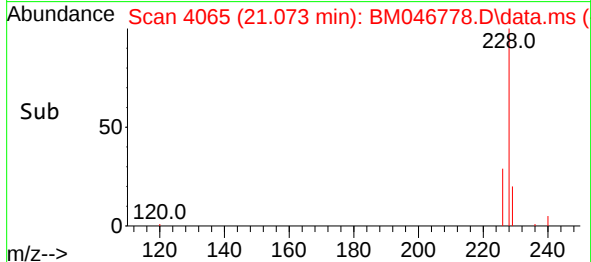
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



Tgt Ion:228 Resp: 2663
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 29.8 22.5 33.7

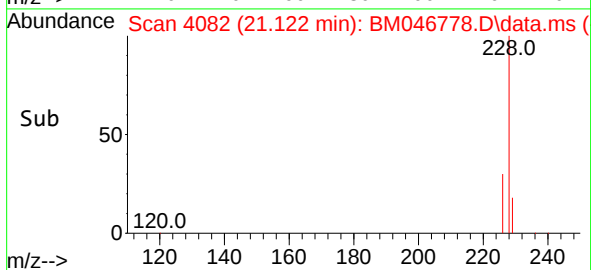
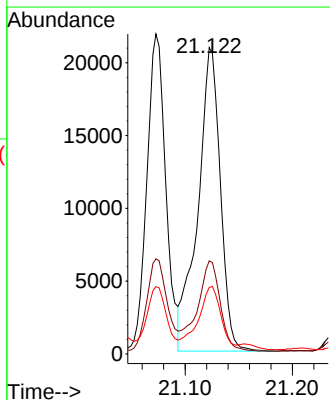
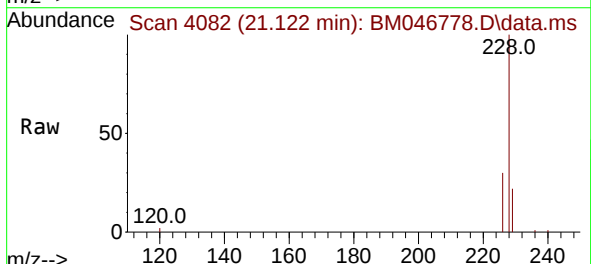
Manual Integrations
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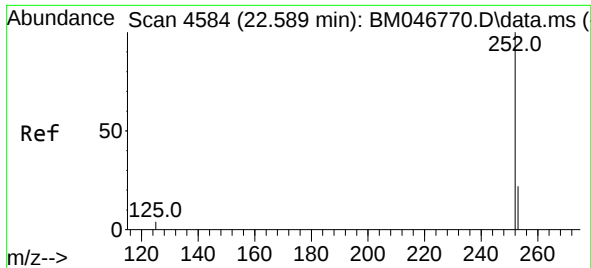
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#22
Chrysene
Concen: 0.730 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

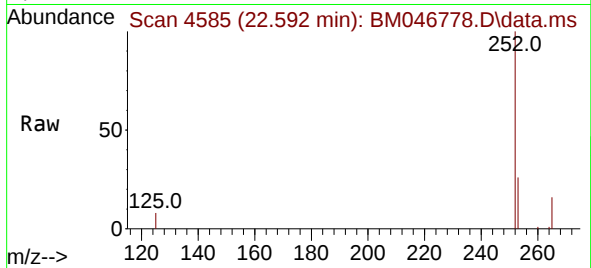
Tgt Ion:228 Resp: 30440
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.966 ng/ul m
RT: 22.592 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

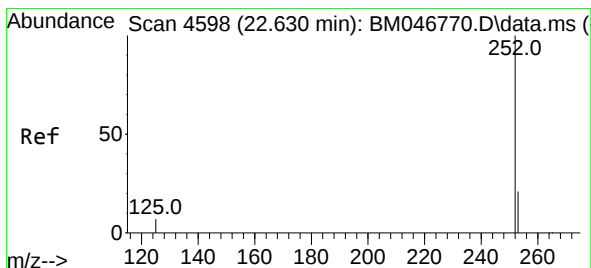
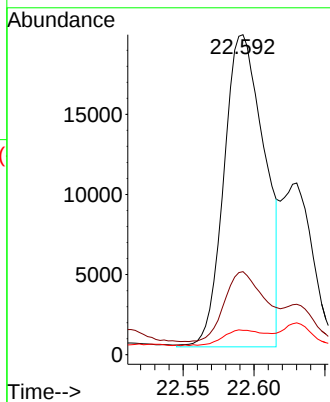
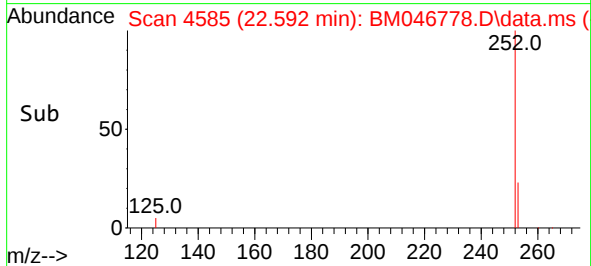
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



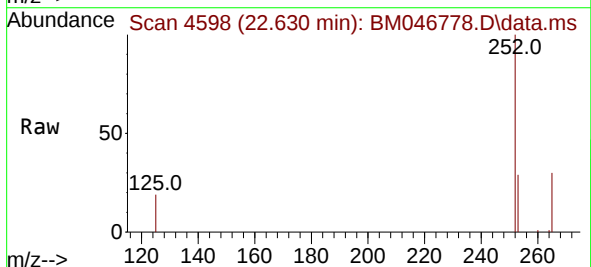
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Ion Ratio Lower Upper
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253 25.9 0.0 56.2
125 7.6 0.0 17.8

Manual Integrations
APPROVED

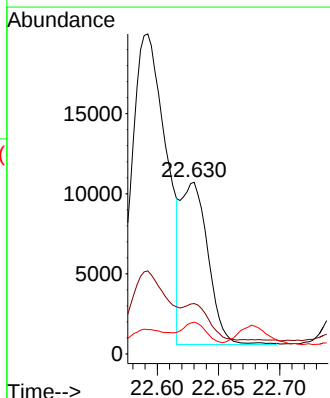
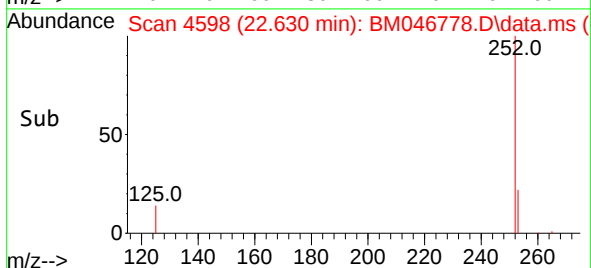
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

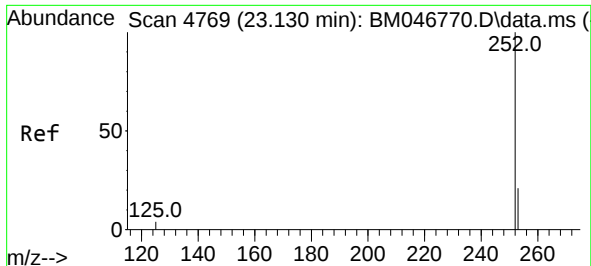


#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08



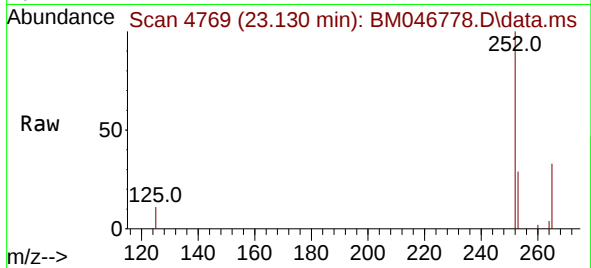
Tgt Ion:252 Resp: 15770
Ion Ratio Lower Upper
252 100
253 29.4 22.4 33.6
125 18.5 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.130 min Scan# 4769
Delta R.T. -0.009 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

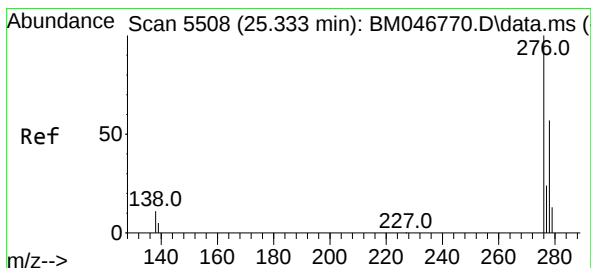
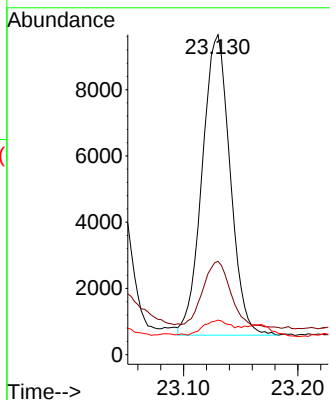
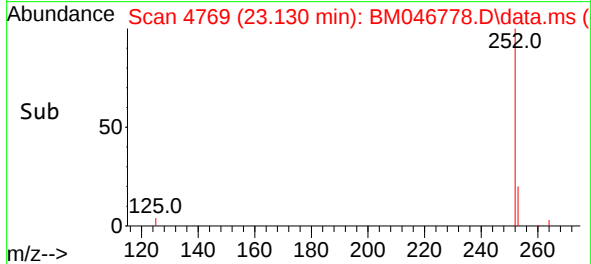
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



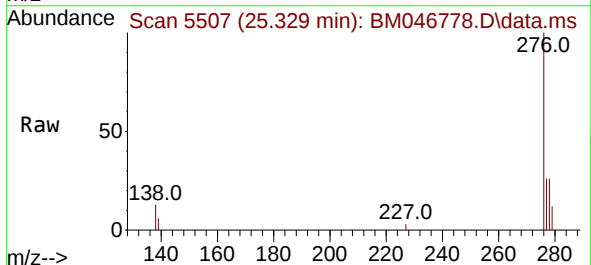
Tgt Ion:252 Resp: 15400
Ion Ratio Lower Upper
252 100
253 29.2 24.0 36.0
125 10.8 8.2 12.2

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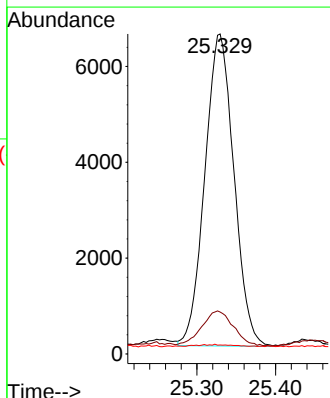
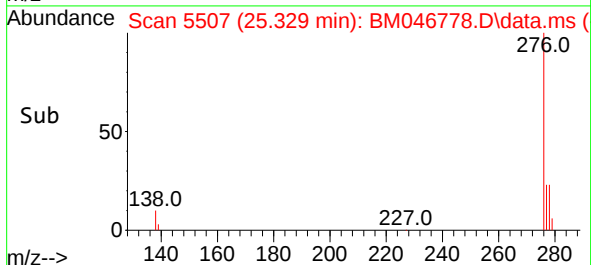
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

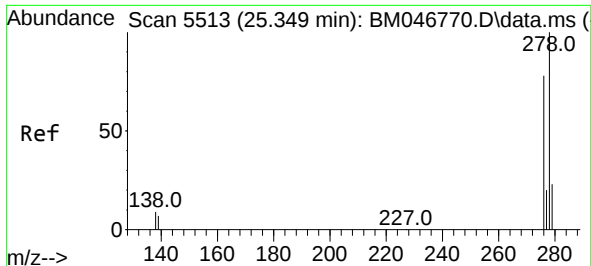


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.329 min Scan# 5507
Delta R.T. -0.017 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08



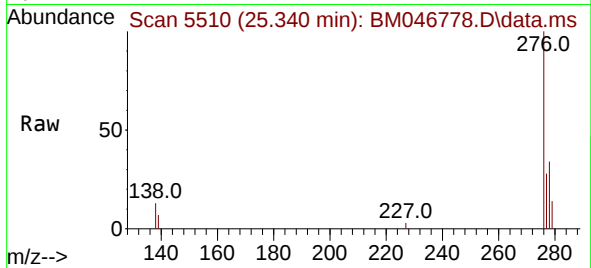
Tgt Ion:276 Resp: 16756
Ion Ratio Lower Upper
276 100
138 12.3 0.0 0.0#
227 0.9 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 25.340 min Scan# 519
Delta R.T. -0.021 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08

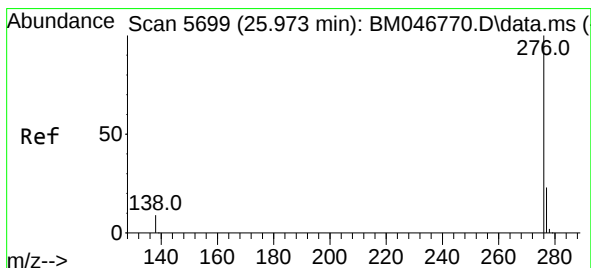
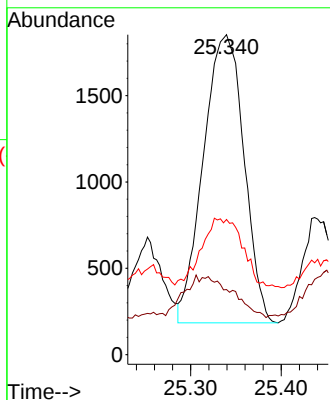
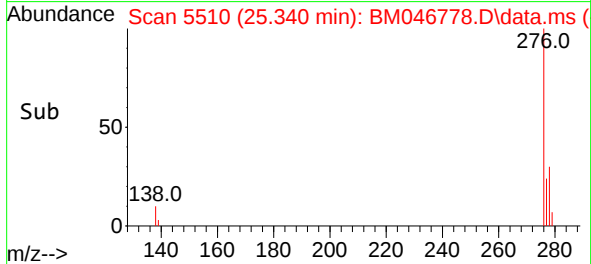
Instrument :
BNA_M
ClientSampleId :
A4CH4DL



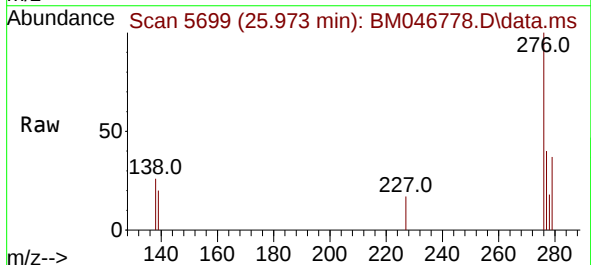
Tgt Ion:278 Resp: 519
Ion Ratio Lower Upper
278 100
139 20.3 9.1 13.7
279 42.3 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 25.973 min Scan# 5699
Delta R.T. -0.011 min
Lab File: BM046778.D
Acq: 23 Jul 2024 15:08



Tgt Ion:276 Resp: 2582
Ion Ratio Lower Upper
276 100
138 25.9 10.2 15.4#
277 40.2 20.9 31.3#

