

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046852.D
 Acq On : 27 Jul 2024 04:56
 Operator : MA/JU
 Sample : P3264-12DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 05:28:42 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	7.463	152	6190	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	12872	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	8480	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	17467	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	9378	0.400	ng/ul	0.00
23) Perylene-d12	23.204	264	8889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1661	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	795	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1603	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	2670	0.082	ng/ul#	95
7) 2-Methylnaphthalene	11.898	142	1363	0.061	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	1206	0.052	ng/ul	100
10) Acenaphthylene	13.825	152	6915	0.178	ng/ul	99
11) Acenaphthene	14.172	153	10133	0.384	ng/ul	98
12) Fluorene	15.172	166	15681	0.476	ng/ul	97
15) Phenanthrene	16.908	178	302304	6.021	ng/ul	98
16) Anthracene	17.001	178	53518	1.145	ng/ul	99
19) Fluoranthene	18.936	202	433646	10.529	ng/ul	99
20) Pyrene	19.303	202	258244	6.061	ng/ul	99
21) Benzo(a)anthracene	21.061	228	120426	3.082	ng/ul	99
22) Chrysene	21.114	228	116283	2.929	ng/ul	98
24) Benzo(b)fluoranthene	22.575	252	129406m	3.316	ng/ul	
25) Benzo(k)fluoranthene	22.613	252	44386m	1.129	ng/ul	
26) Benzo(a)pyrene	23.110	252	45142m	1.611	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.306	276	40182	0.932	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.310	278	13449	0.426	ng/ul	96
29) Benzo(g,h,i)perylene	25.947	276	6173	0.163	ng/ul#	84

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

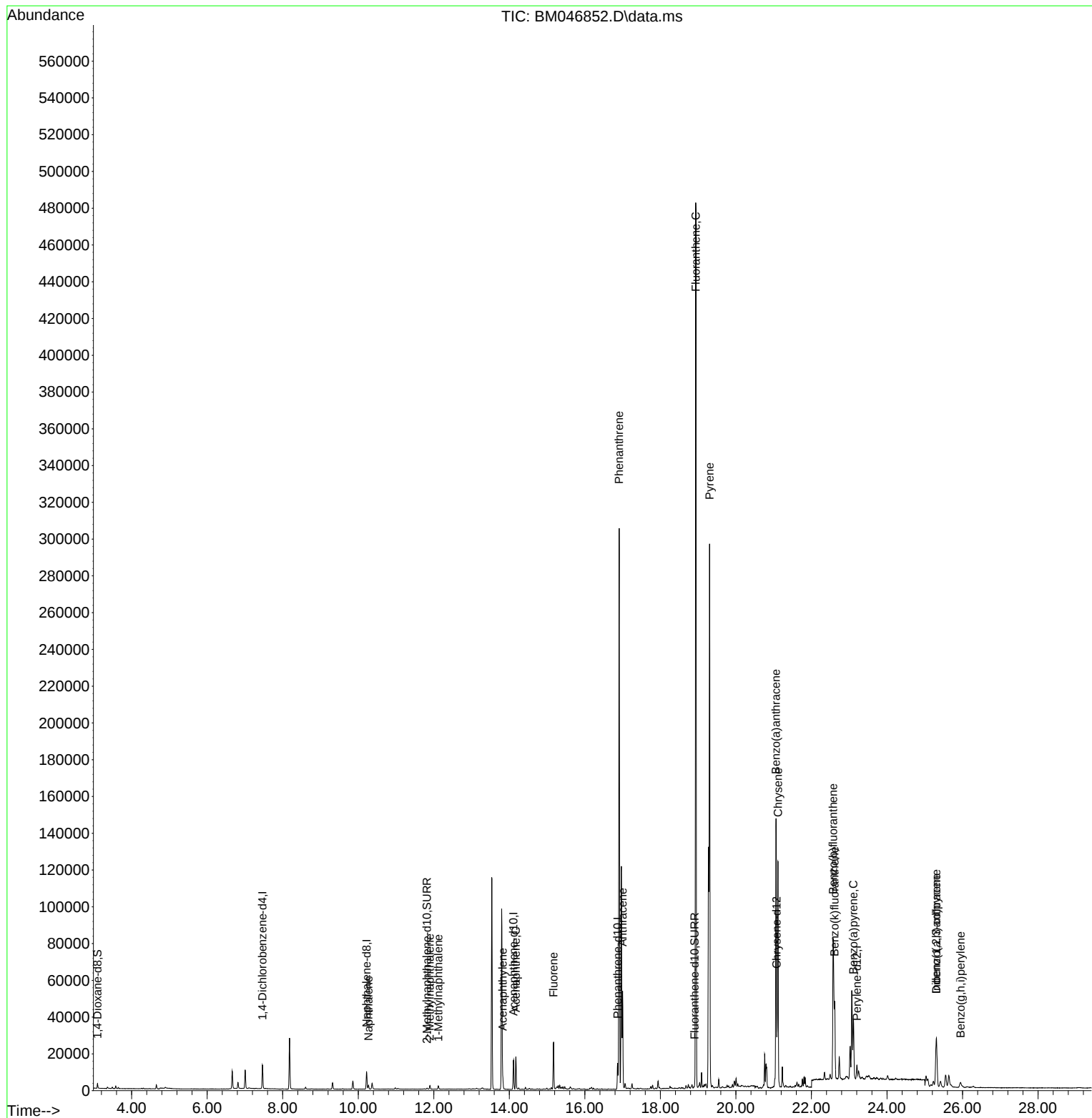
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046852.D
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ALS Vial : 33 Sample Multiplier: 1

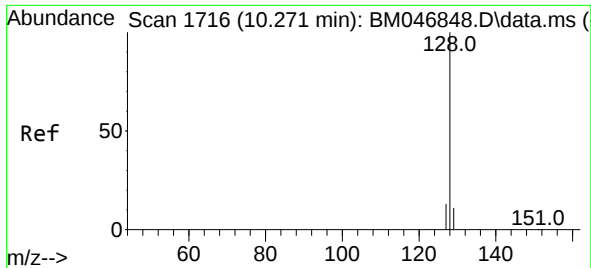
Instrument :
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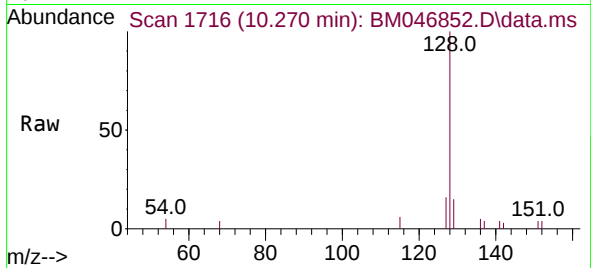
Quant Time: Jul 27 05:28:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

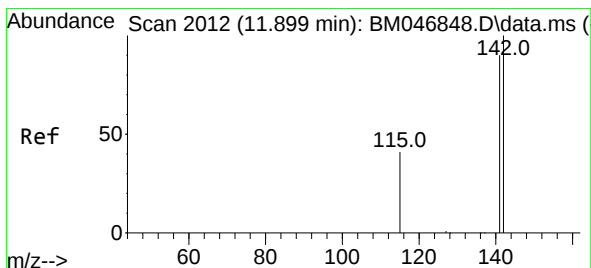
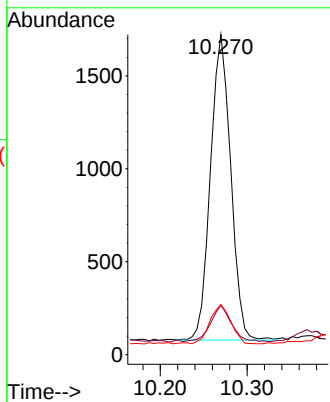
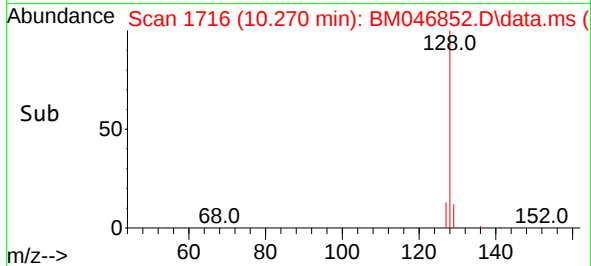
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



Tgt Ion:128 Resp: 2670
Ion Ratio Lower Upper
128 100
129 15.4 10.1 15.1
127 15.6 11.5 17.3

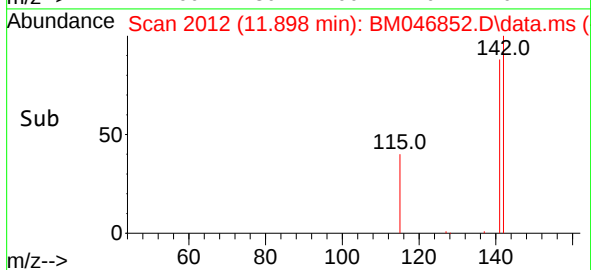
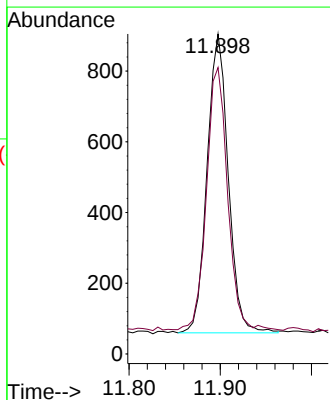
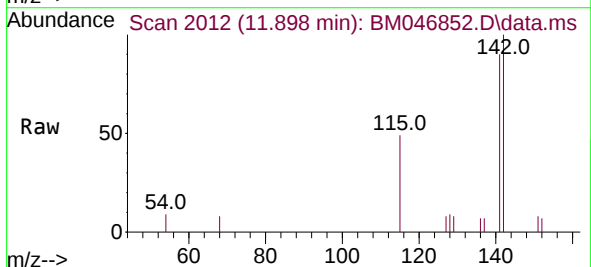
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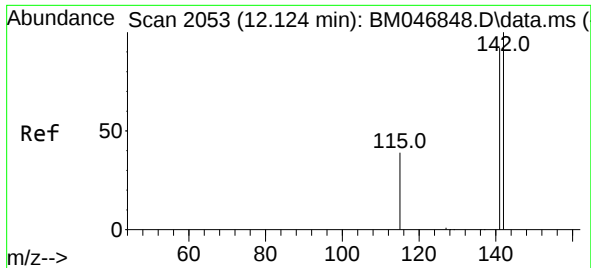
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

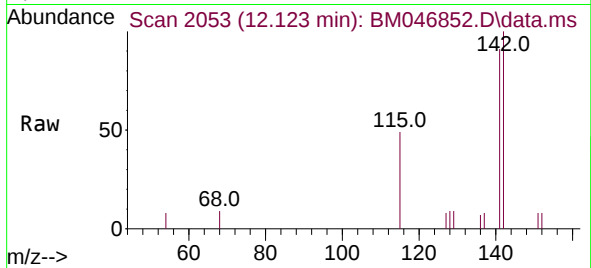
Tgt Ion:142 Resp: 1363
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.052 ng/u1
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

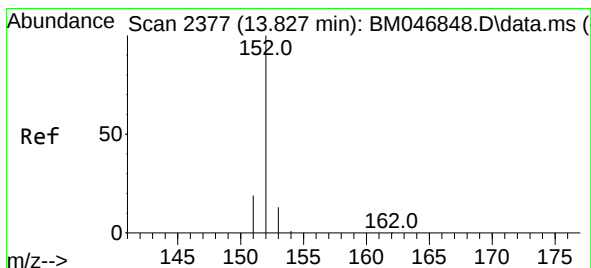
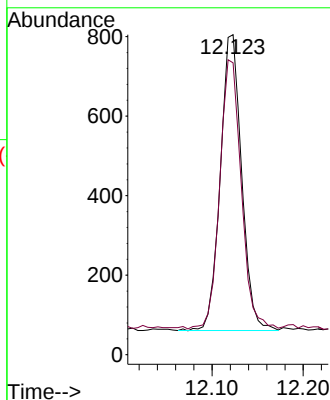
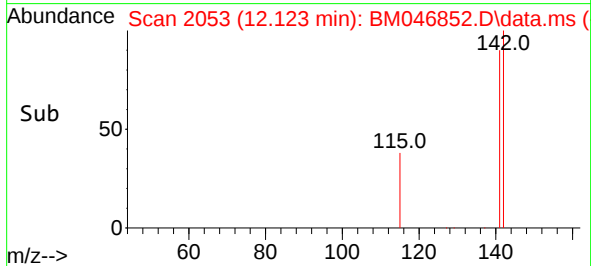
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



Tgt Ion:142 Resp: 1200
Ion Ratio Lower Upper
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141 91.9 73.1 109.7

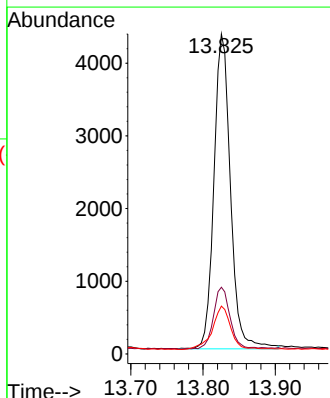
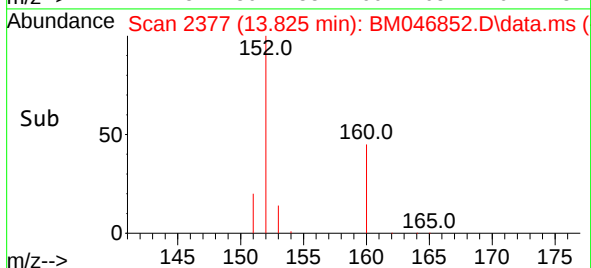
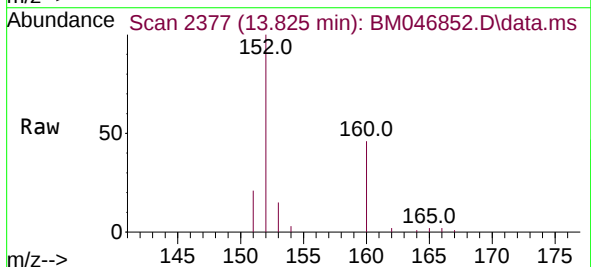
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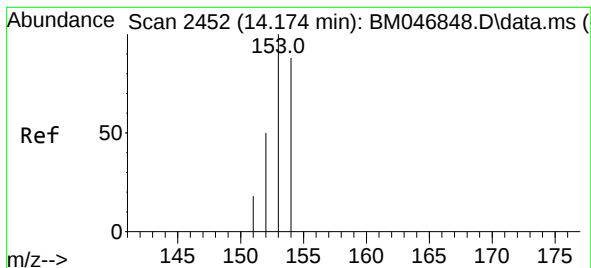
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.178 ng/u1
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

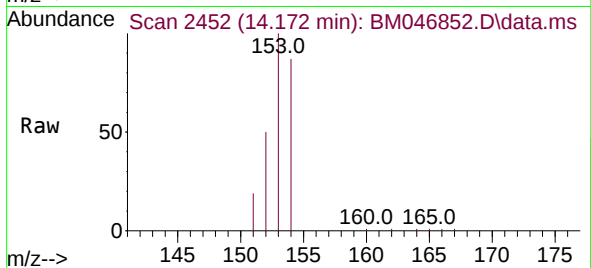
Tgt Ion:152 Resp: 6915
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 15.0 11.0 16.6





#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.011 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

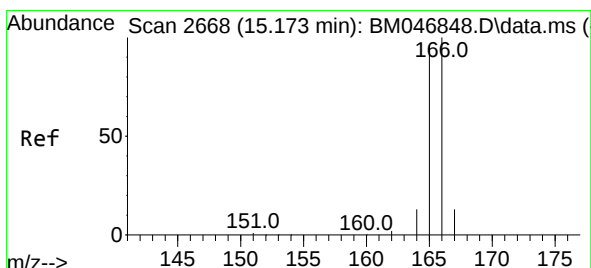
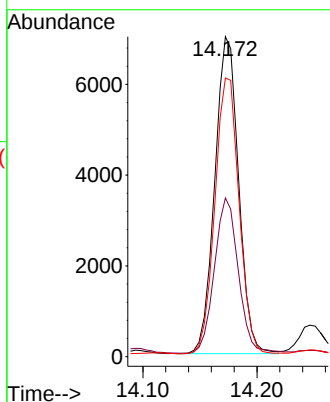
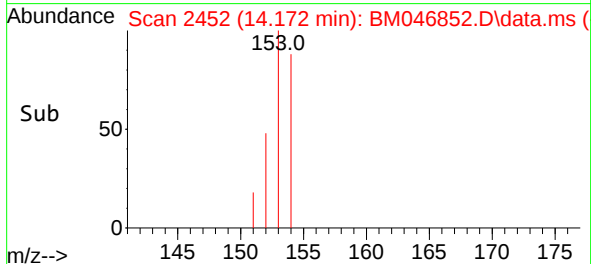
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



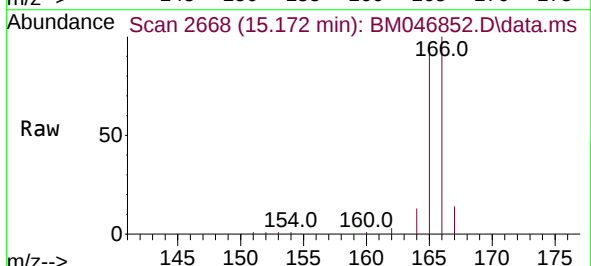
Tgt Ion:153 Resp: 1013
Ion Ratio Lower Upper
153 100
152 49.6 38.6 57.8
154 87.1 70.8 106.2

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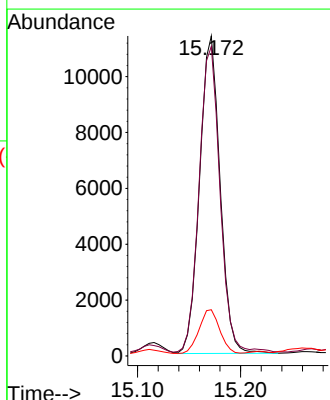
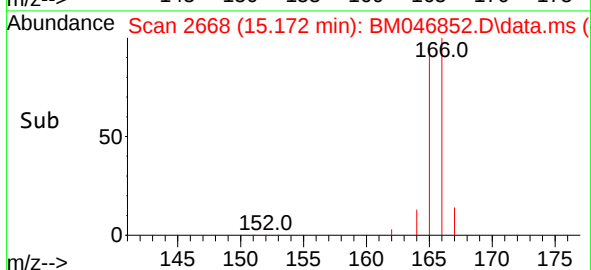
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

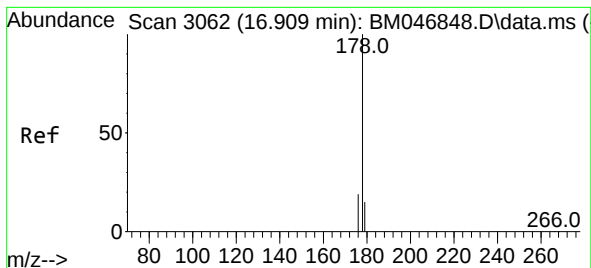


#12
Fluorene
Concen: 0.476 ng/ul
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56



Tgt Ion:166 Resp: 15681
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.6
167 14.4 12.3 18.5





#15

Phenanthrene

Concen: 6.021 ng/u1

RT: 16.908 min Scan# 3062

Delta R.T. -0.006 min

Lab File: BM046852.D

Acq: 27 Jul 2024 04:56

Instrument :

BNA_M

ClientSampleId :

A4CL8DL

Tgt Ion:178 Resp: 302304

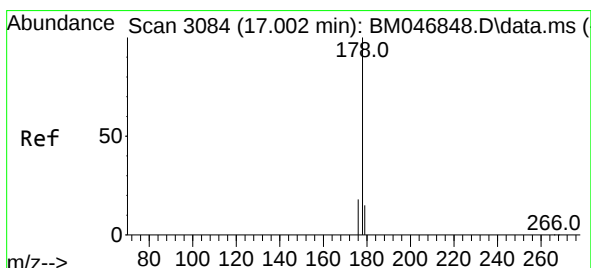
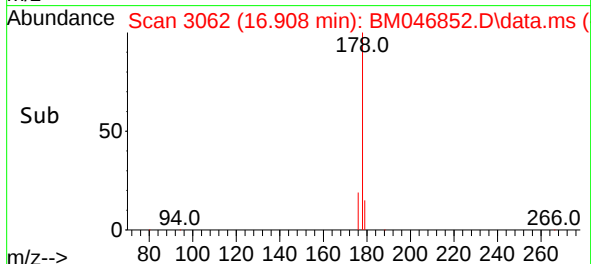
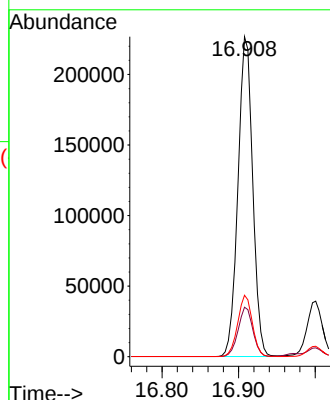
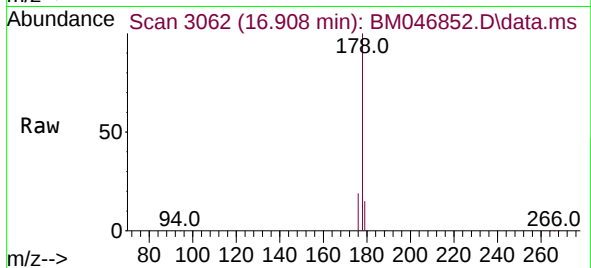
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	19.2	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#16

Anthracene

Concen: 1.145 ng/u1

RT: 17.001 min Scan# 3084

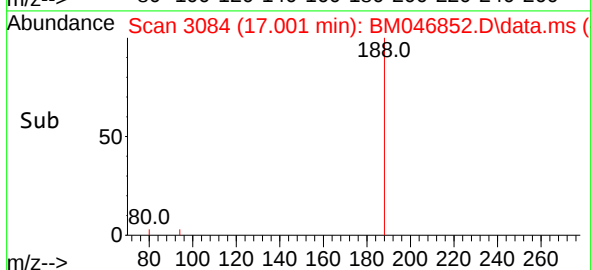
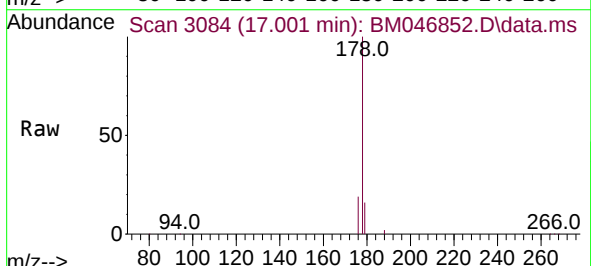
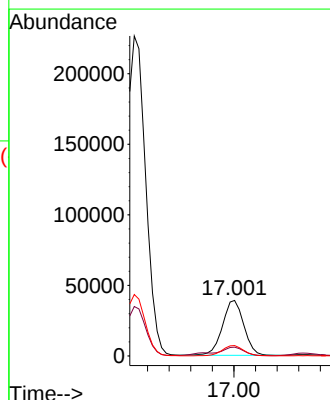
Delta R.T. -0.006 min

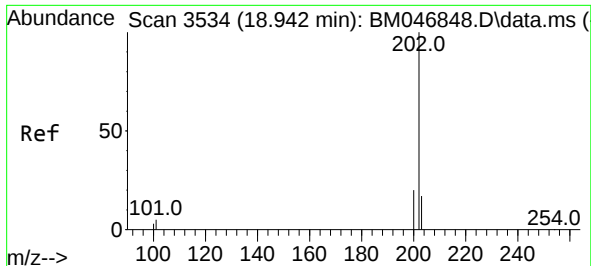
Lab File: BM046852.D

Acq: 27 Jul 2024 04:56

Tgt Ion:178 Resp: 53518

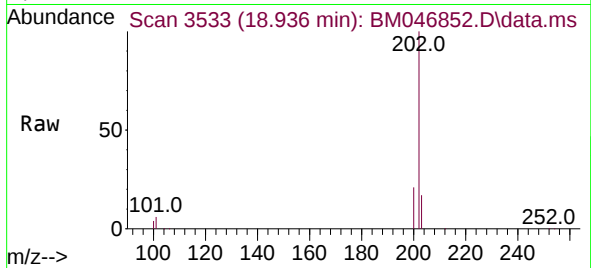
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	18.8	15.0	22.6





#19
Fluoranthene
Concen: 10.529 ng/ul
RT: 18.936 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

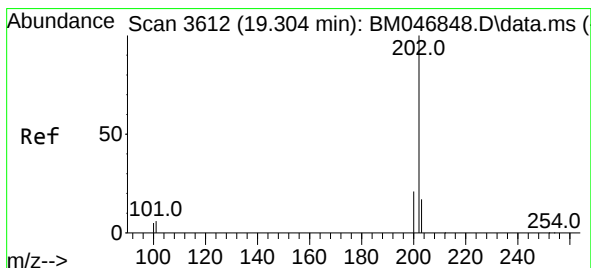
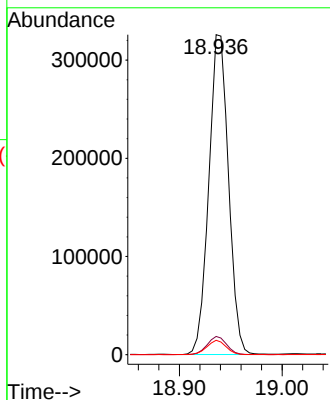
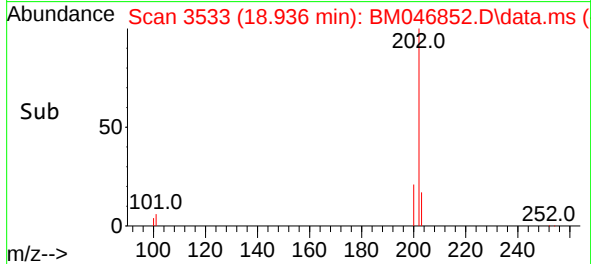
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



Tgt Ion:202 Resp: 433640
Ion Ratio Lower Upper
202 100
101 5.7 4.7 7.1
100 4.5 3.4 5.2

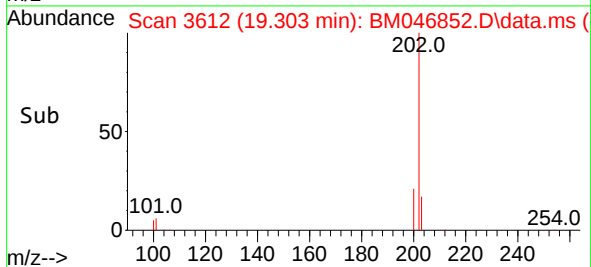
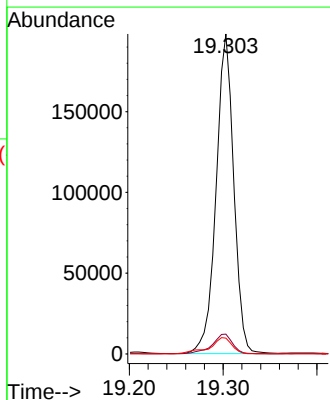
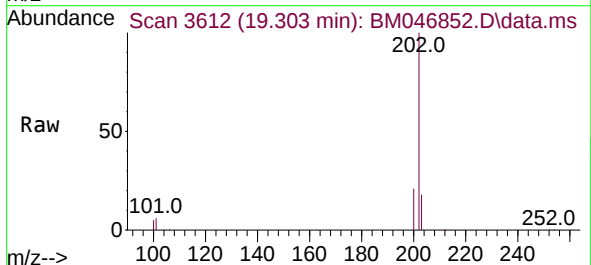
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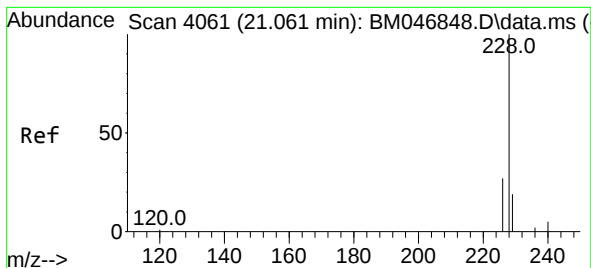
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 6.061 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

Tgt Ion:202 Resp: 258244
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.0 4.3 6.5





#21

Benzo(a)anthracene

Concen: 3.082 ng/ul

RT: 21.061 min Scan# 4061

Delta R.T. -0.003 min

Lab File: BM046852.D

Acq: 27 Jul 2024 04:56

Instrument :

BNA_M

ClientSampleId :

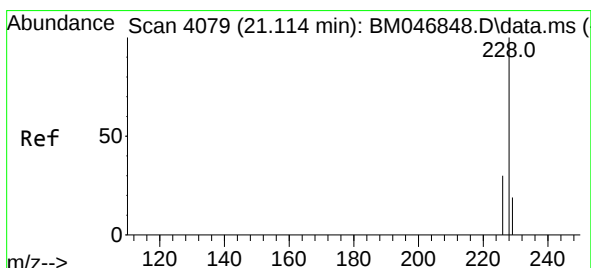
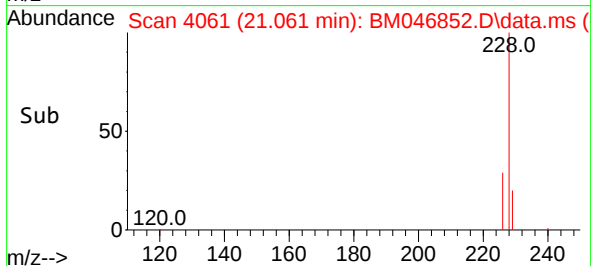
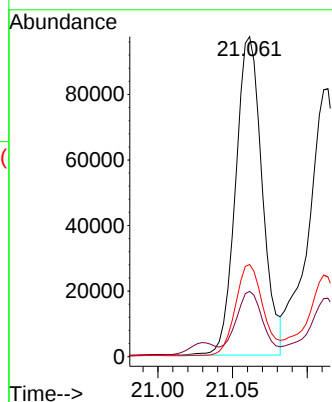
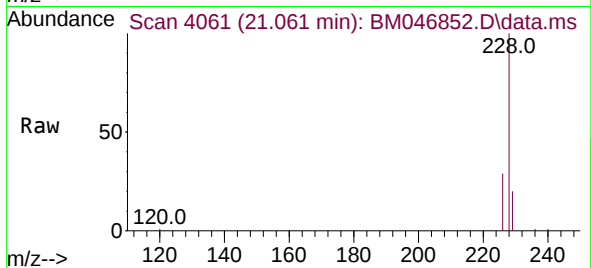
A4CL8DL

Tgt Ion:228	Resp: 120420
Ion Ratio	Lower Upper
228	100
229	20.4 16.3 24.5
226	28.8 22.3 33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22

Chrysene

Concen: 2.929 ng/ul

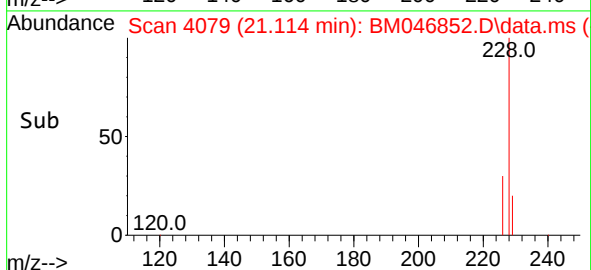
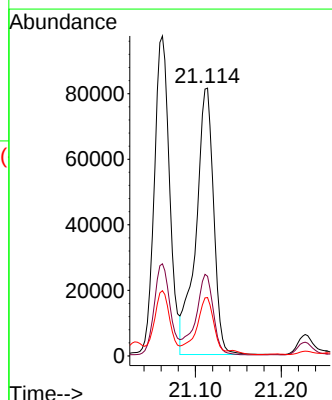
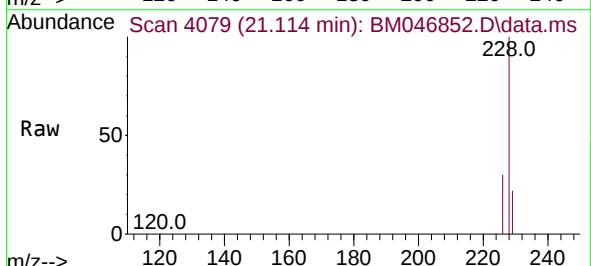
RT: 21.114 min Scan# 4079

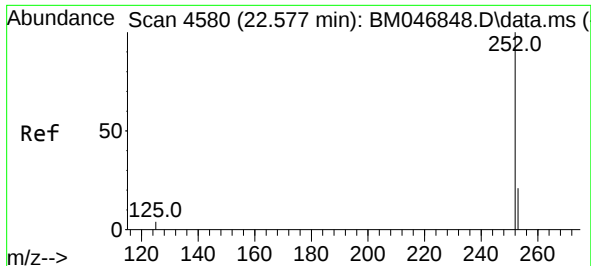
Delta R.T. -0.003 min

Lab File: BM046852.D

Acq: 27 Jul 2024 04:56

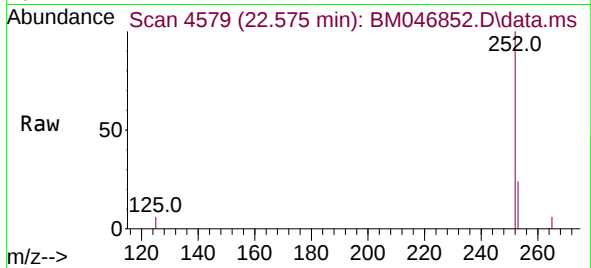
Tgt Ion:228	Resp: 116283
Ion Ratio	Lower Upper
228	100
226	29.8 24.5 36.7
229	21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.316 ng/ul m
RT: 22.575 min Scan# 4579
Delta R.T. -0.005 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

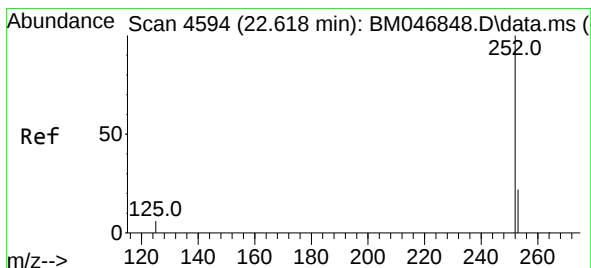
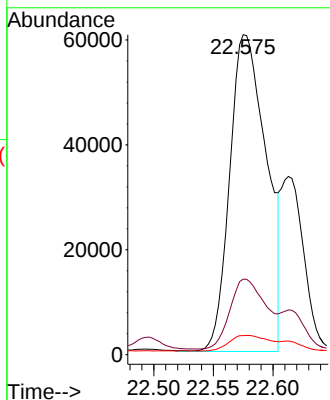
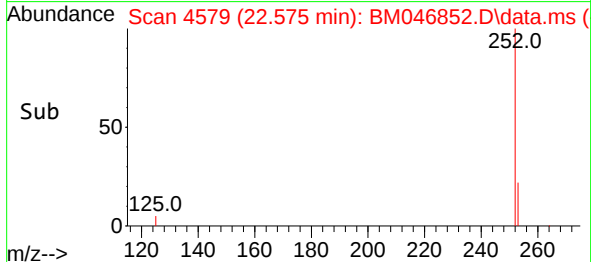
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



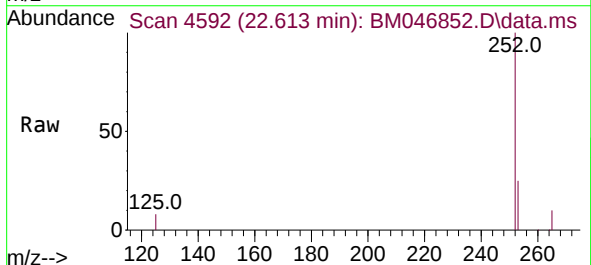
Tgt Ion:252 Resp: 129400
Ion Ratio Lower Upper
252 100
253 23.6 0.0 56.4
125 6.0 0.0 15.8

Manual Integrations
APPROVED

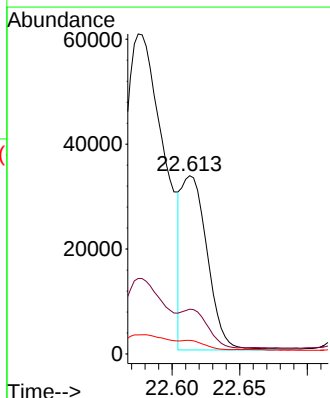
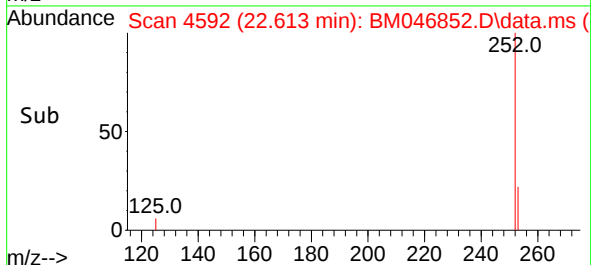
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

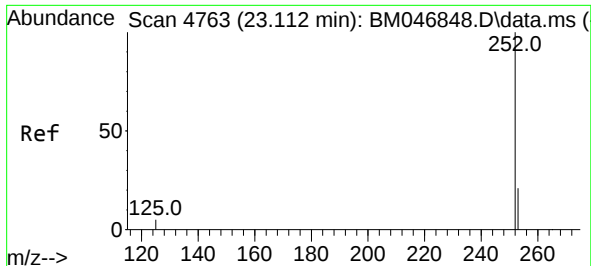


#25
Benzo(k)fluoranthene
Concen: 1.129 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. -0.008 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56



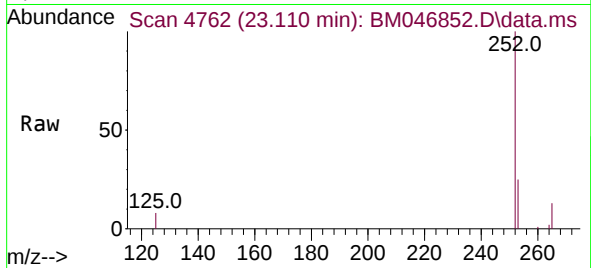
Tgt Ion:252 Resp: 44386
Ion Ratio Lower Upper
252 100
253 25.1 23.5 35.3
125 7.6 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 1.611 ng/ul m
RT: 23.110 min Scan# 4763
Delta R.T. -0.008 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

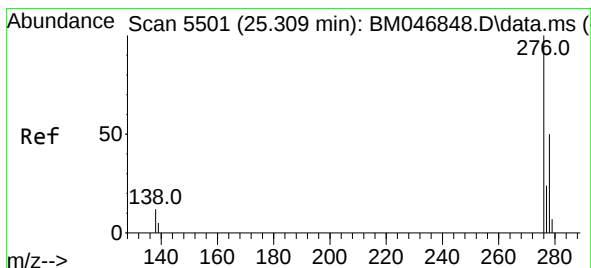
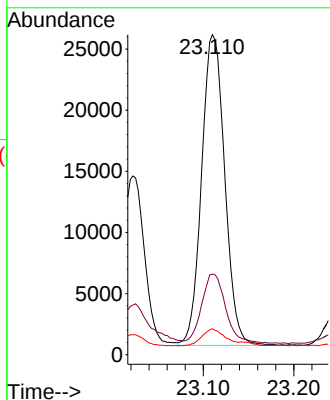
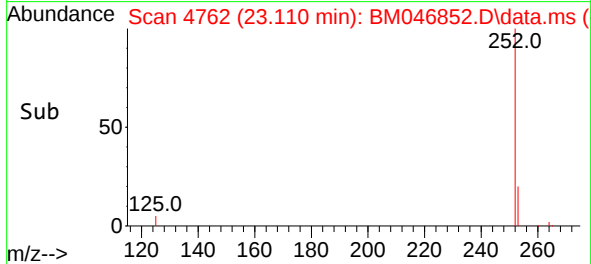
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



Tgt Ion:252 Resp: 4514
Ion Ratio Lower Upper
252 100
253 25.2 26.0 39.0
125 8.1 7.8 11.8

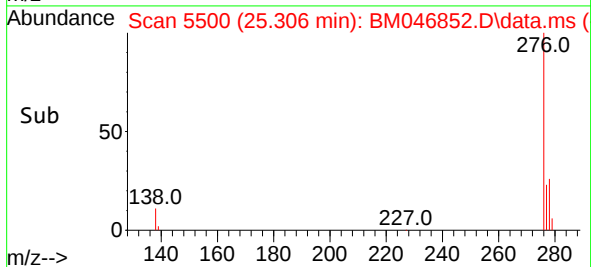
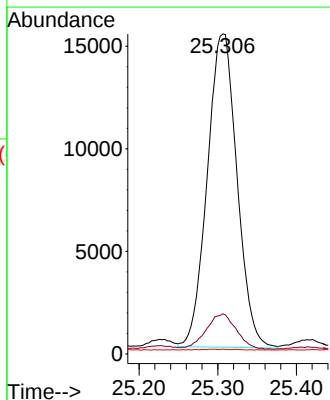
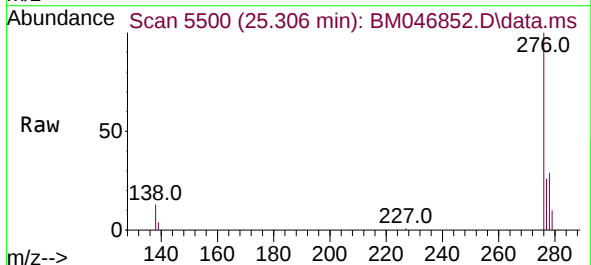
Manual Integrations
APPROVED

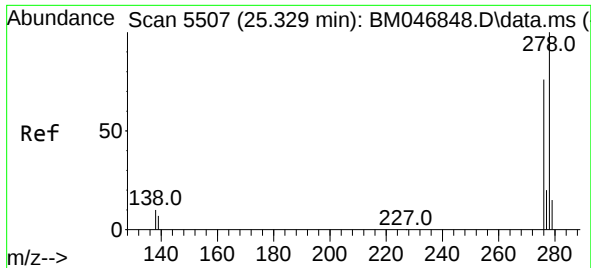
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.932 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

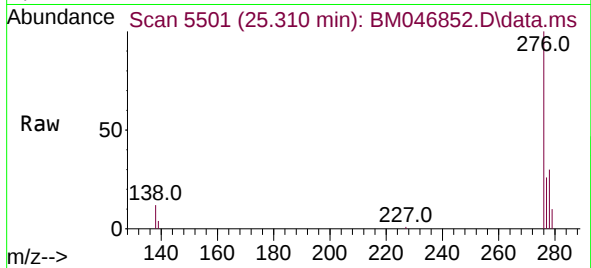
Tgt Ion:276 Resp: 40182
Ion Ratio Lower Upper
276 100
138 11.6 9.7 14.5
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.310 min Scan# 5507
Delta R.T. -0.023 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

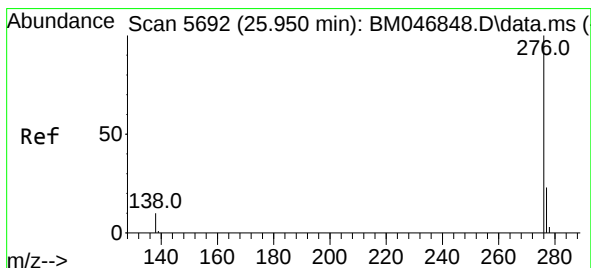
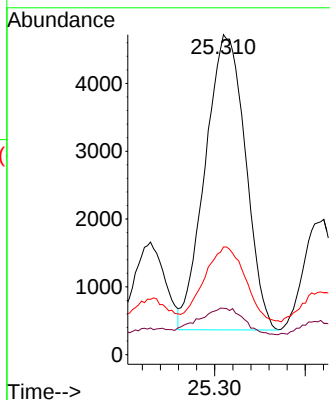
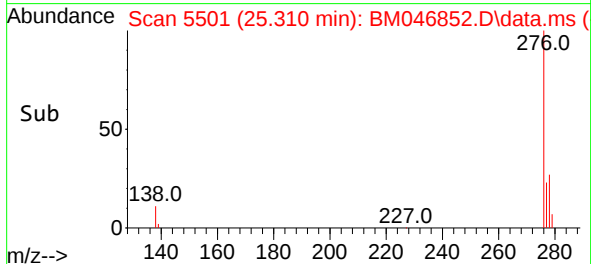
Instrument :
BNA_M
ClientSampleId :
A4CL8DL



Tgt Ion:278 Resp: 13449
Ion Ratio Lower Upper
278 100
139 14.5 9.8 14.8
279 33.6 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 25.947 min Scan# 5691
Delta R.T. -0.006 min
Lab File: BM046852.D
Acq: 27 Jul 2024 04:56

Tgt Ion:276 Resp: 6173
Ion Ratio Lower Upper
276 100
138 21.2 9.5 14.3#
277 32.8 20.9 31.3#

