

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046830.D
 Acq On : 26 Jul 2024 14:51
 Operator : MA/JU
 Sample : P3264-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM7

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 15:33:05 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	7.472	152	6099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	11535	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	7430	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	16538	0.400	ng/ul	0.00
17) Chrysene-d12	21.085	240	8976	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	7298m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	8237	1.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3965	0.216	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	7915	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	3252	0.111	ng/ul	95
7) 2-Methylnaphthalene	11.903	142	1591	0.079	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	1420	0.068	ng/ul	98
10) Acenaphthylene	13.835	152	3097	0.091	ng/ul#	94
11) Acenaphthene	14.181	153	5790	0.251	ng/ul	99
12) Fluorene	15.176	166	5579	0.193	ng/ul	98
15) Phenanthrene	16.912	178	102834	2.163	ng/ul	98
16) Anthracene	17.005	178	15314	0.346	ng/ul	100
19) Fluoranthene	18.945	202	127458	3.233	ng/ul	99
20) Pyrene	19.307	202	118182	2.898	ng/ul	99
21) Benzo(a)anthracene	21.067	228	43242	1.156	ng/ul	98
22) Chrysene	21.120	228	43545	1.146	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	42730m	1.334	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	15729m	0.487	ng/ul	
26) Benzo(a)pyrene	23.125	252	28841	1.254	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.316	276	20200	0.571	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.323	278	4875	0.188	ng/ul#	65
29) Benzo(g,h,i)perylene	25.960	276	21029	0.674	ng/ul	98

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

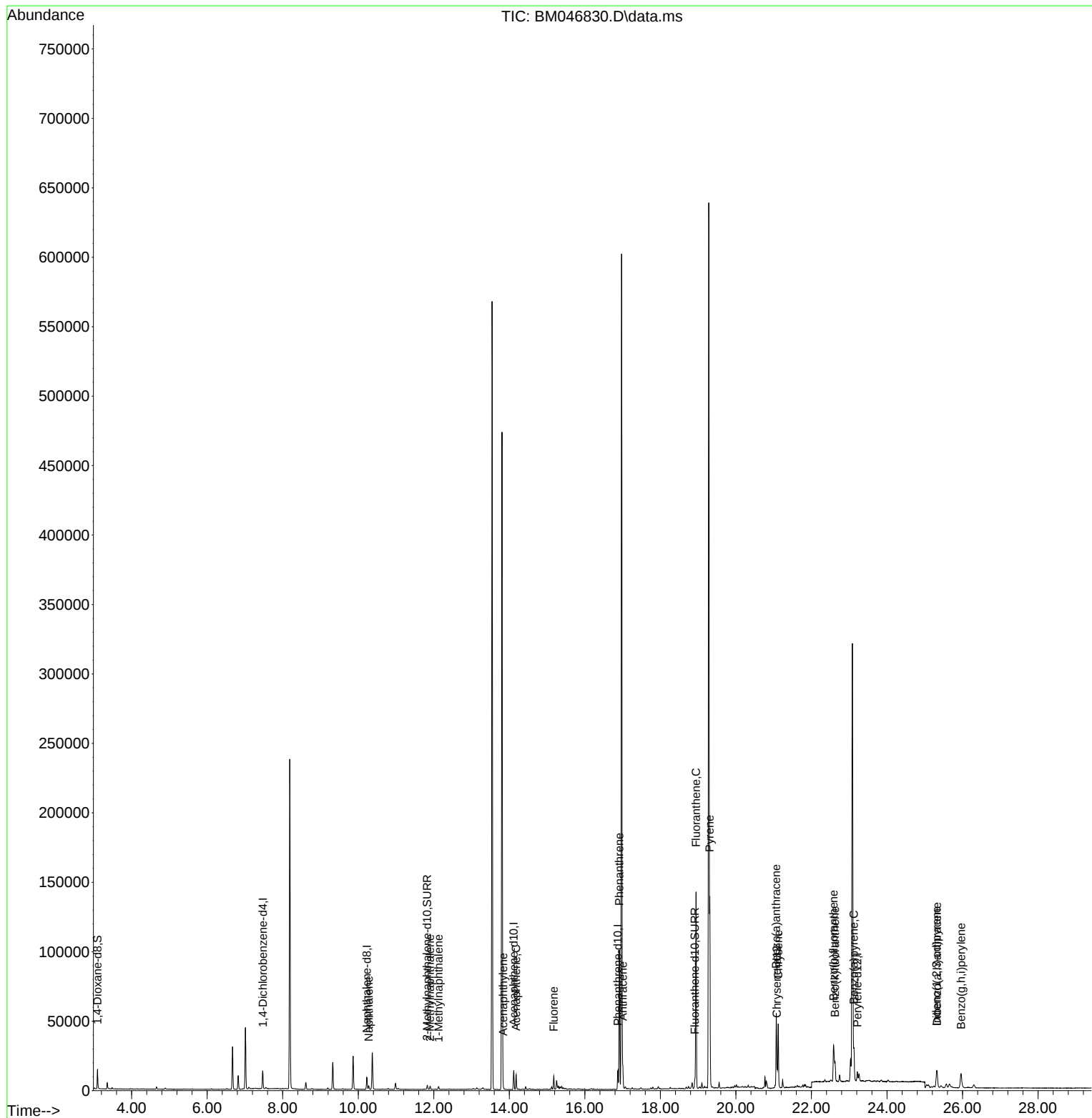
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046830.D
Acq On : 26 Jul 2024 14:51
Operator : MA/JU
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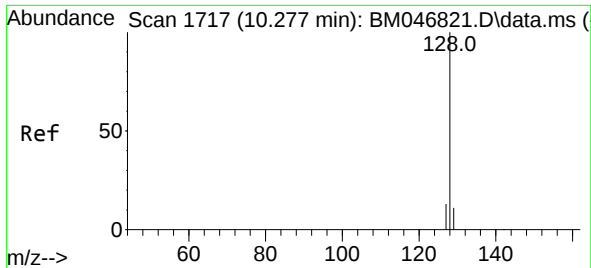
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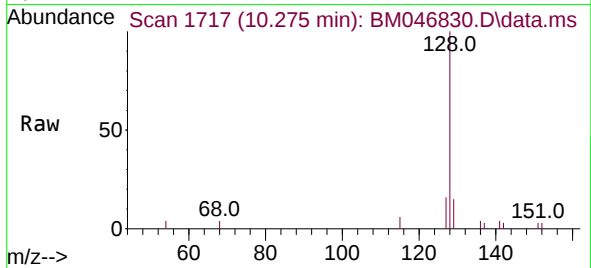
Quant Time: Jul 26 15:33:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

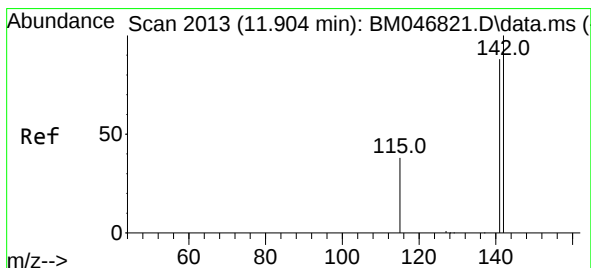
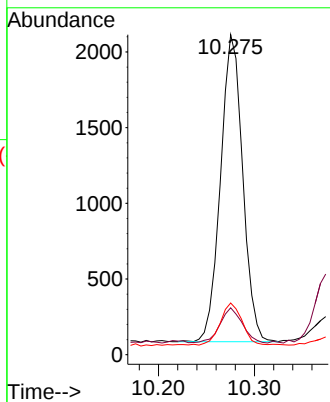
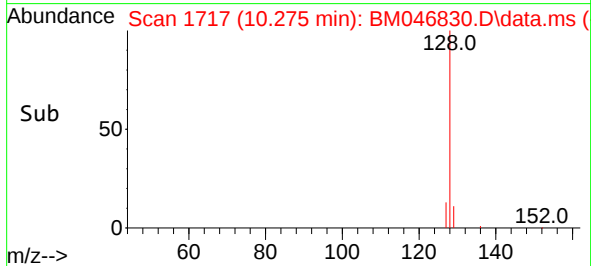
Instrument :
BNA_M
ClientSampleId :
A4CM7



Tgt Ion:128 Resp: 325
Ion Ratio Lower Upper
128 100
129 14.7 10.1 15.1
127 16.2 11.5 17.3

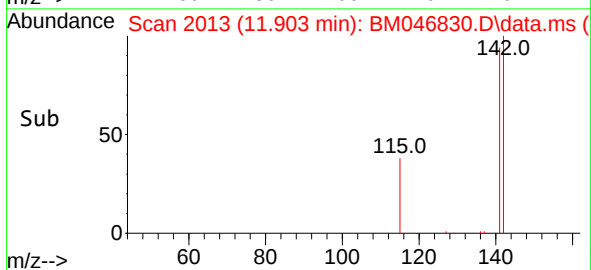
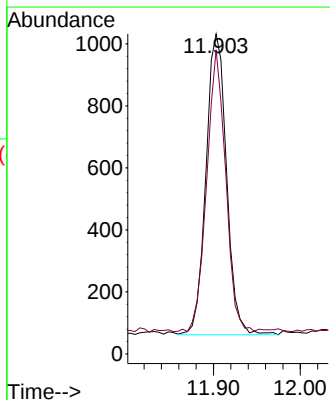
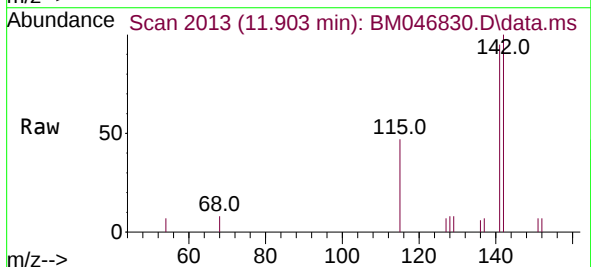
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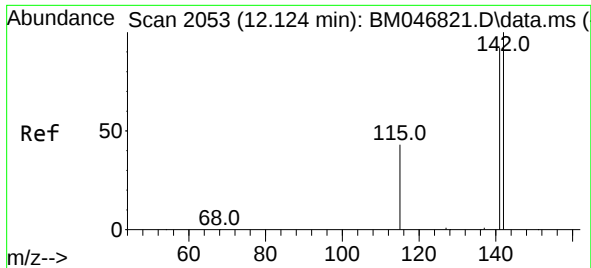
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

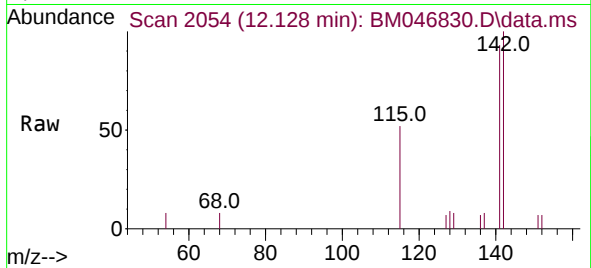
Tgt Ion:142 Resp: 1591
Ion Ratio Lower Upper
142 100
141 86.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.068 ng/u1
RT: 12.128 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

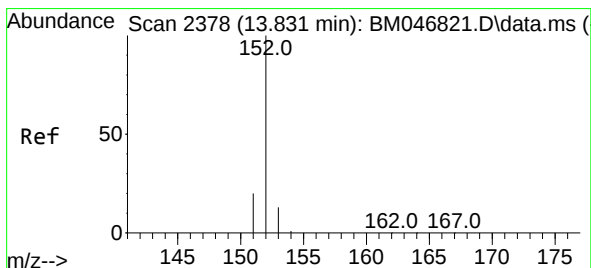
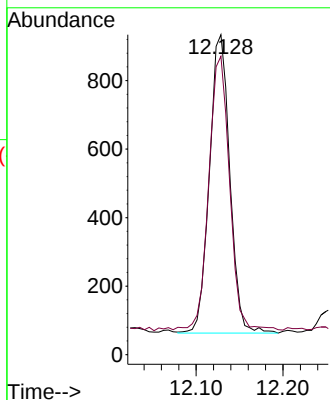
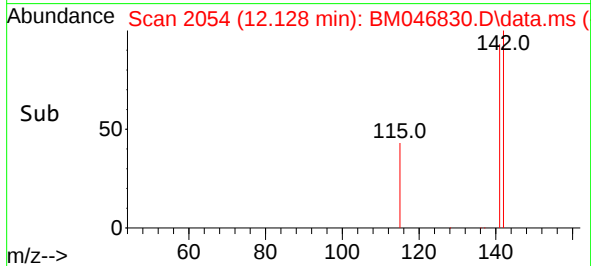
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1420
Ion Ratio Lower Upper
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141 93.1 73.1 109.7

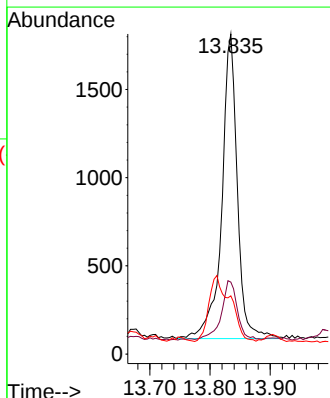
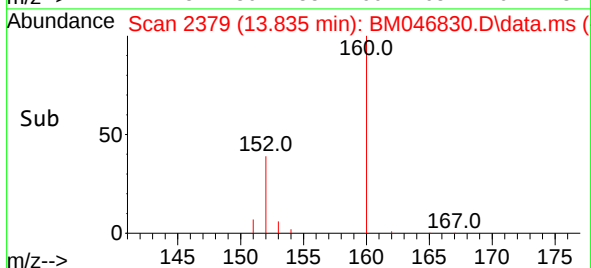
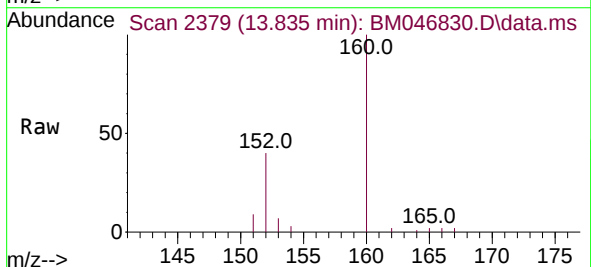
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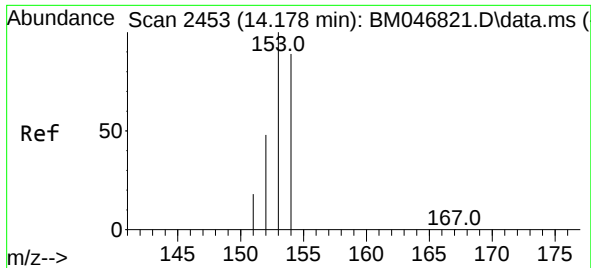
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.091 ng/u1
RT: 13.835 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

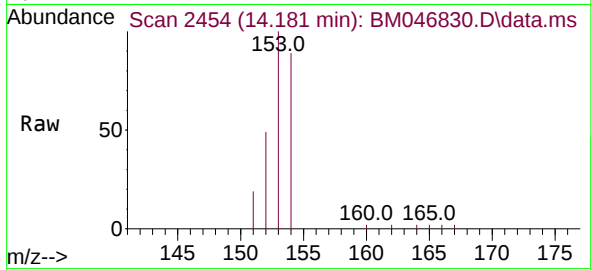
Tgt Ion:152 Resp: 3097
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2
153 18.2 11.0 16.6#





#11
Acenaphthene
Concen: 0.251 ng/ul
RT: 14.181 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

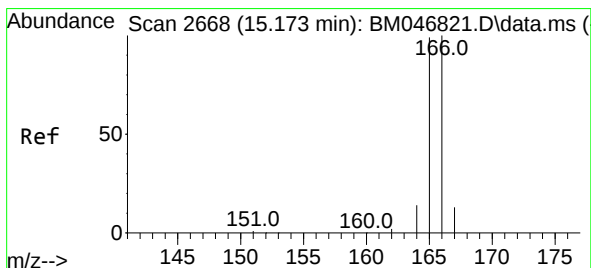
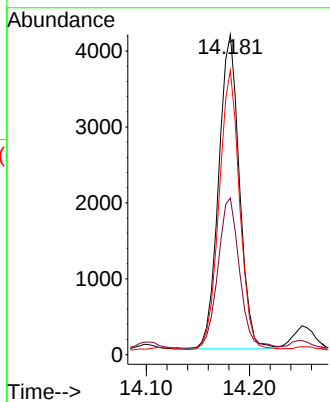
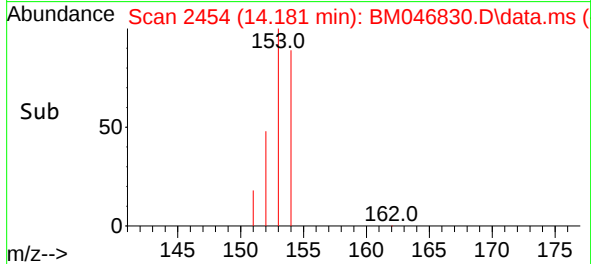
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 5790
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 88.8 70.8 106.2

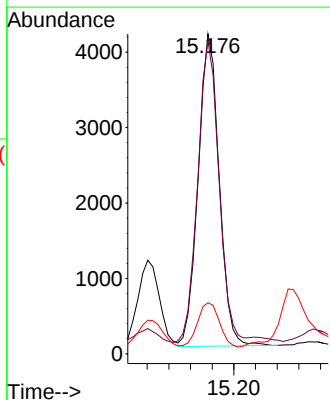
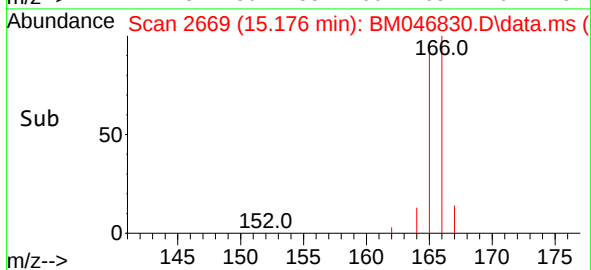
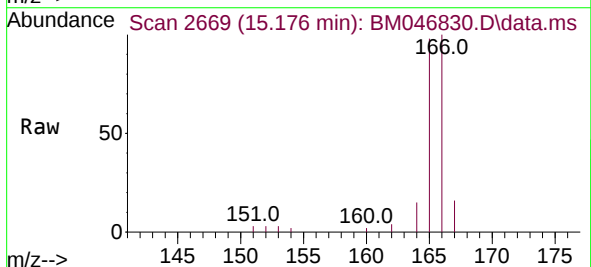
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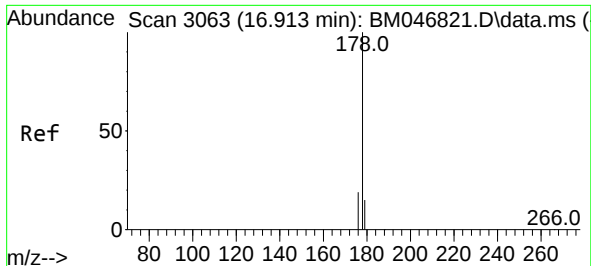
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

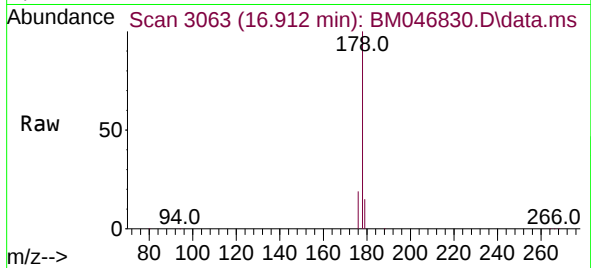
Tgt Ion:166 Resp: 5579
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.6
167 16.0 12.3 18.5





#15
Phenanthrene
Concen: 2.163 ng/u1
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

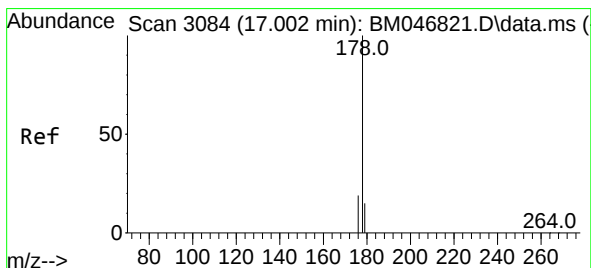
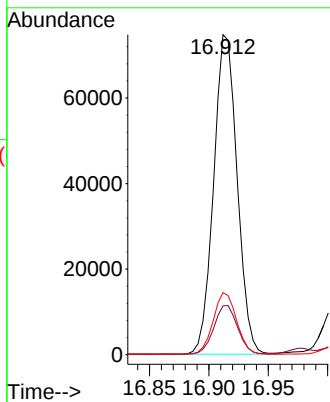
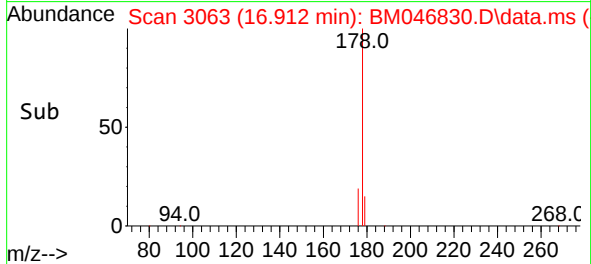
Instrument :
BNA_M
ClientSampleId :
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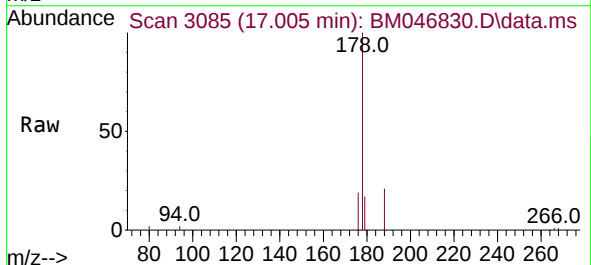
Tgt Ion:178 Resp: 102834
Ion Ratio Lower Upper
178 100
179 15.2 13.4 20.2
176 19.4 16.1 24.1

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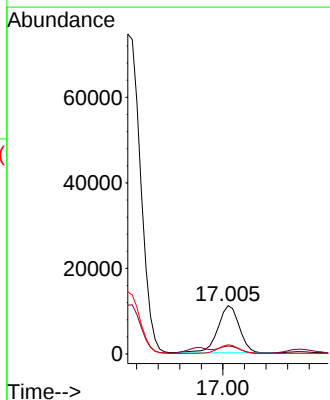
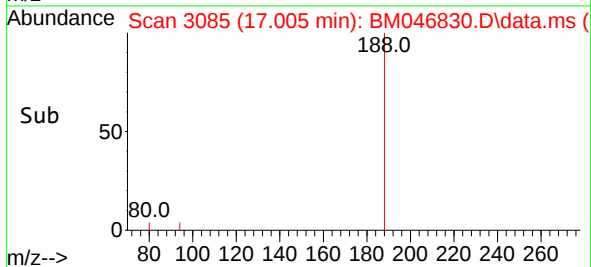
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

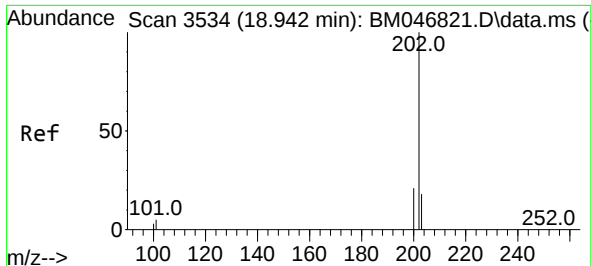


#16
Anthracene
Concen: 0.346 ng/u1
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51



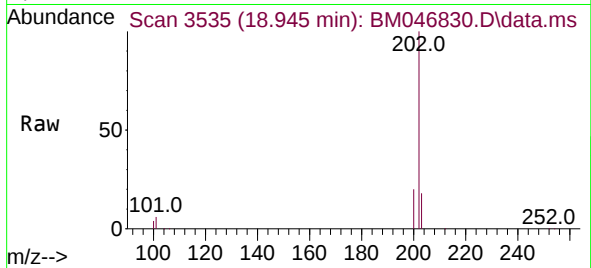
Tgt Ion:178 Resp: 15314
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 3.233 ng/u1
RT: 18.945 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

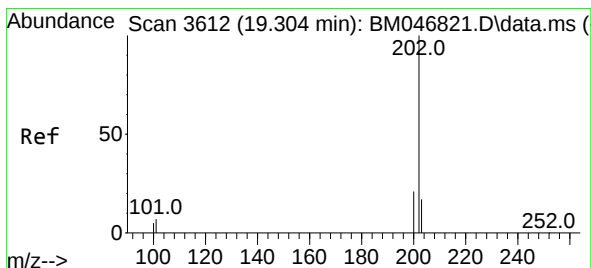
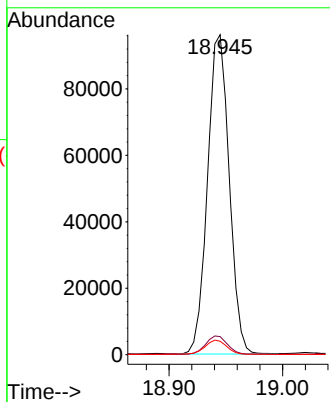
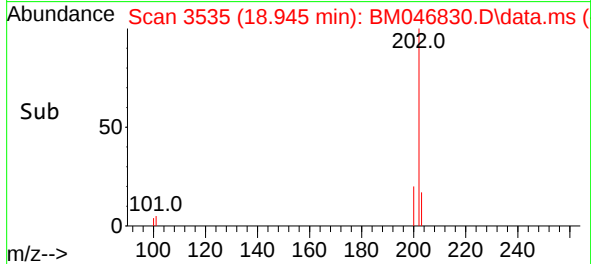
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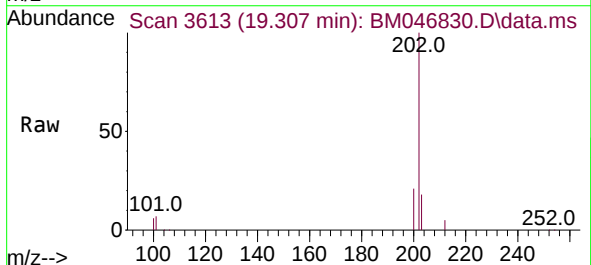
Tgt Ion:202 Resp: 127458
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2

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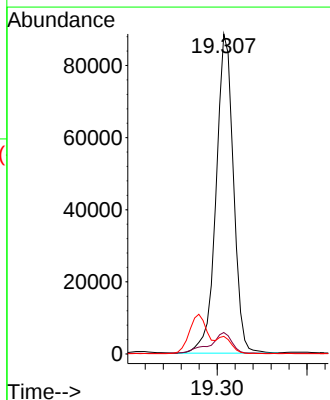
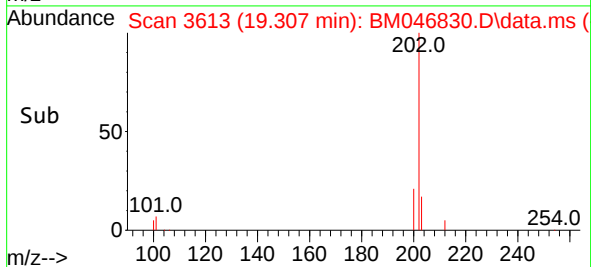
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Supervised By :mohammad ahmed 08/05/2024

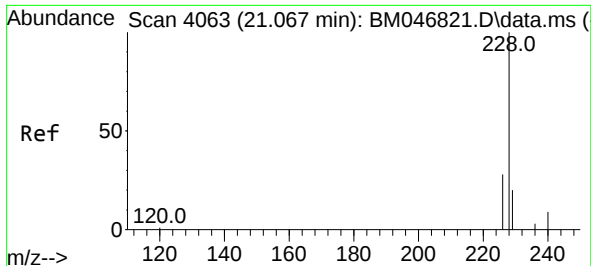


#20
Pyrene
Concen: 2.898 ng/u1
RT: 19.307 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51



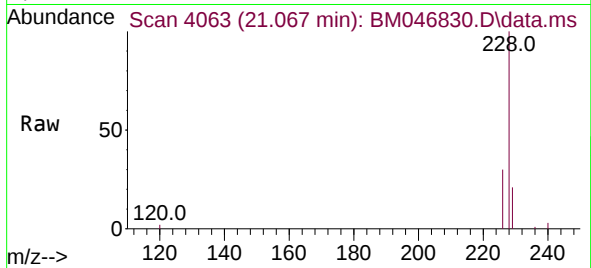
Tgt Ion:202 Resp: 118182
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.5 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.156 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

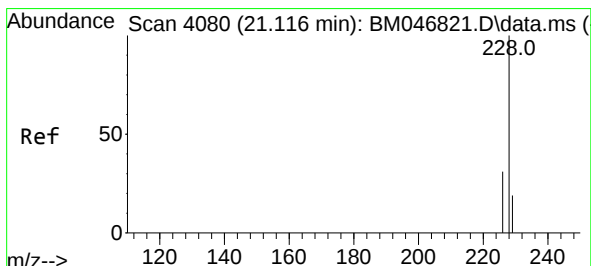
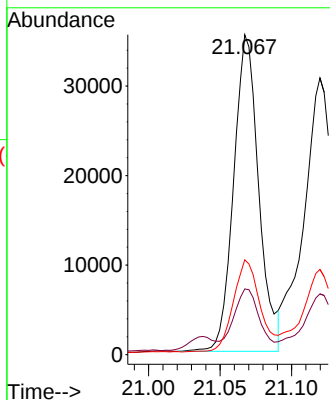
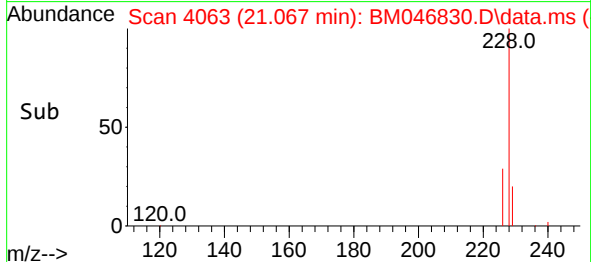
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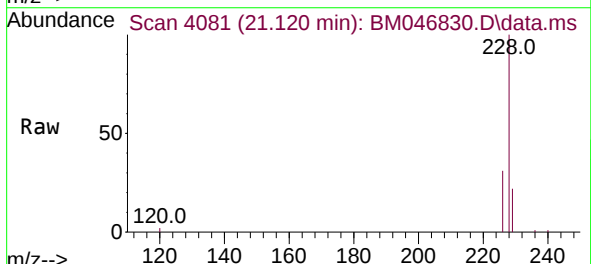
Tgt Ion:228 Resp: 4324
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 29.7 22.3 33.5

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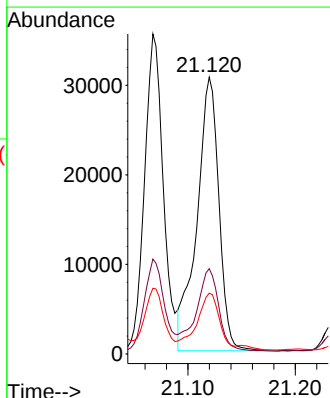
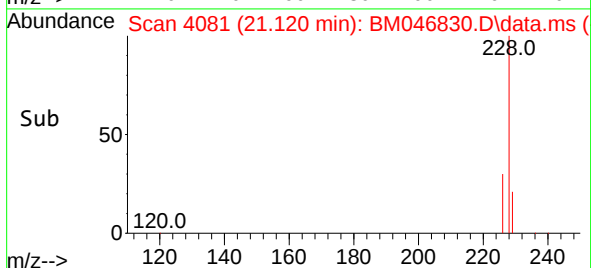
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

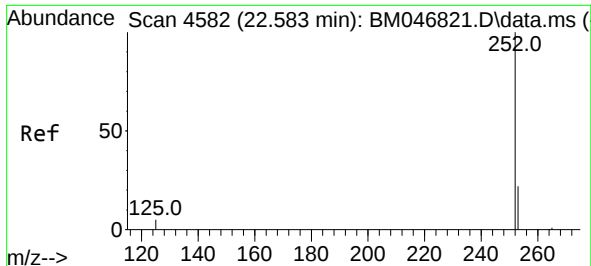


#22
Chrysene
Concen: 1.146 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51



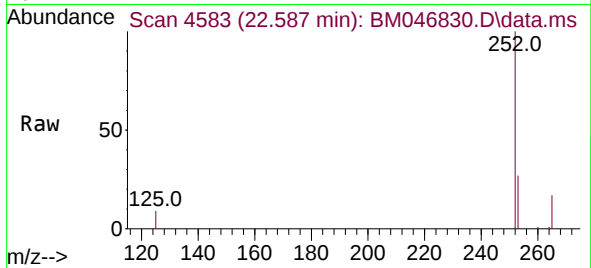
Tgt Ion:228 Resp: 43545
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.334 ng/ul m
RT: 22.587 min Scan# 4582
Delta R.T. 0.006 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

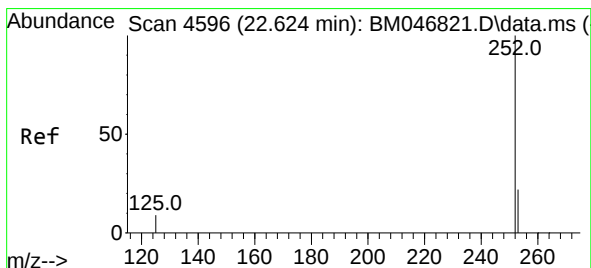
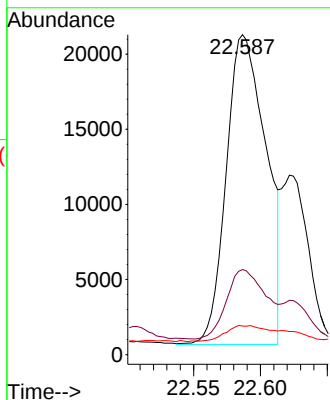
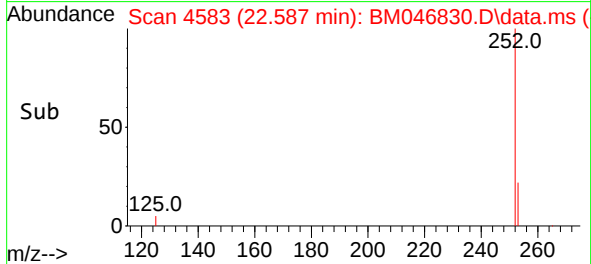
Instrument :
BNA_M
ClientSampleId :
A4CM7



Tgt Ion:252 Resp: 42730
Ion Ratio Lower Upper
252 100
253 26.6 0.0 56.4
125 9.0 0.0 15.8

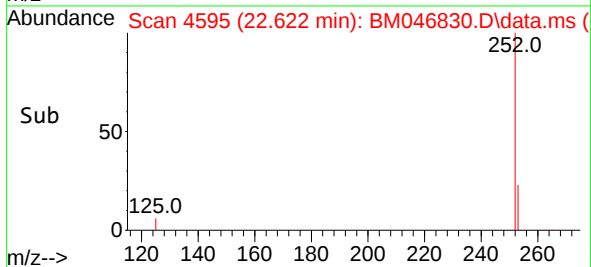
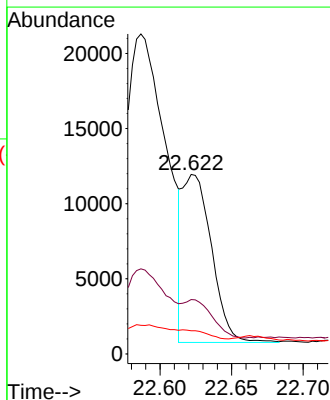
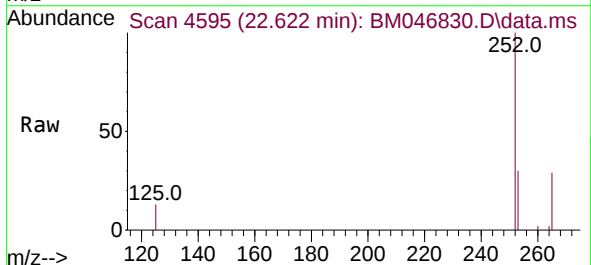
Manual Integrations
APPROVED

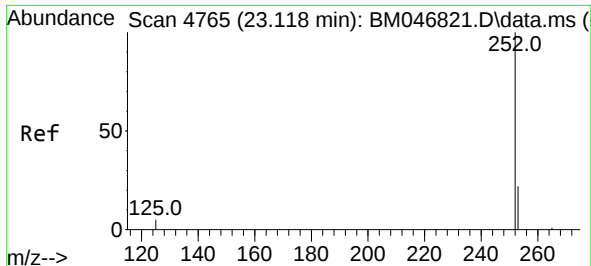
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.487 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

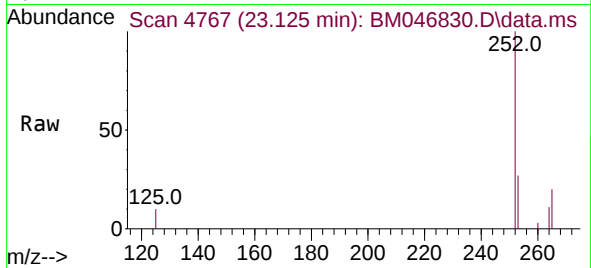
Tgt Ion:252 Resp: 15729
Ion Ratio Lower Upper
252 100
253 30.3 23.5 35.3
125 12.9 8.6 13.0





#26
Benzo(a)pyrene
Concen: 1.254 ng/ul
RT: 23.125 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51

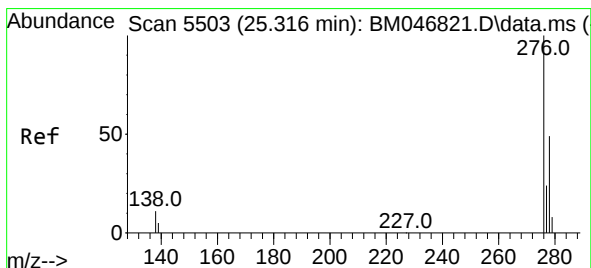
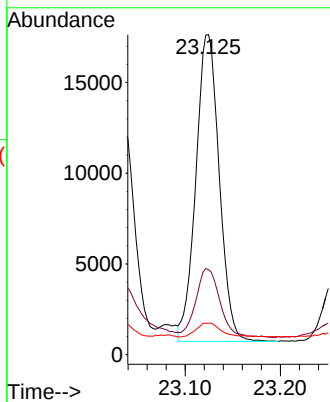
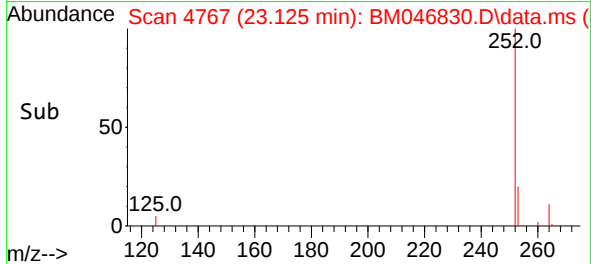
Instrument :
BNA_M
ClientSampleId :
A4CM7



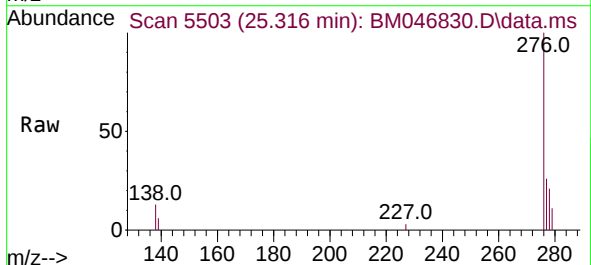
Tgt Ion:252 Resp: 2884
Ion Ratio Lower Upper
252 100
253 26.6 26.0 39.0
125 9.9 7.8 11.8

Manual Integrations
APPROVED

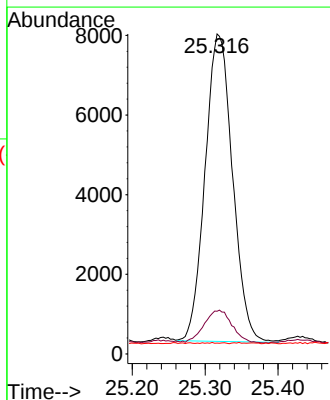
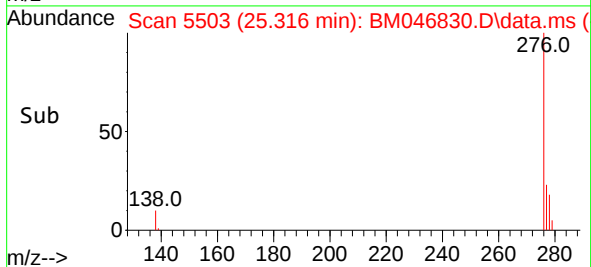
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

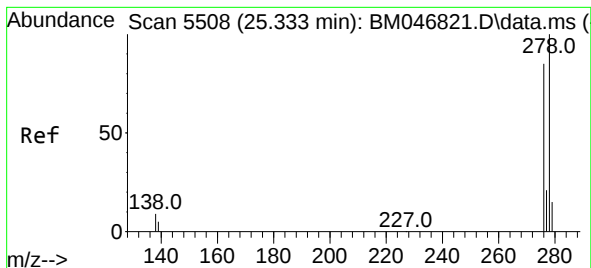


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.571 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046830.D
Acq: 26 Jul 2024 14:51



Tgt Ion:276 Resp: 20200
Ion Ratio Lower Upper
276 100
138 11.0 9.7 14.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.188 ng/ul

RT: 25.323 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM046830.D

Acq: 26 Jul 2024 14:51

Instrument :

BNA_M

ClientSampleId :

A4CM7

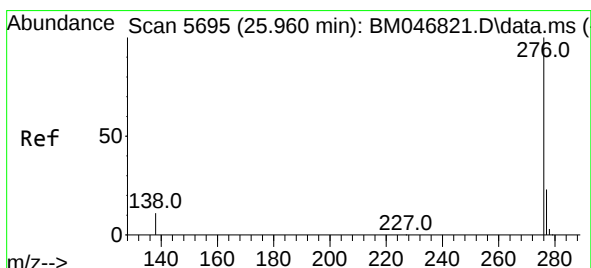
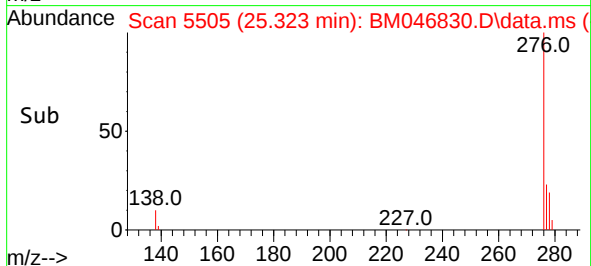
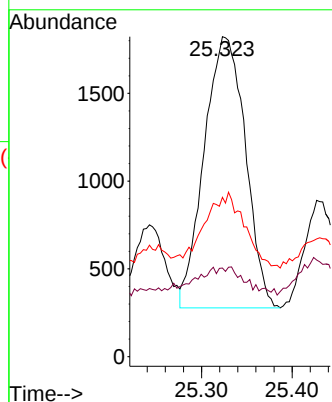
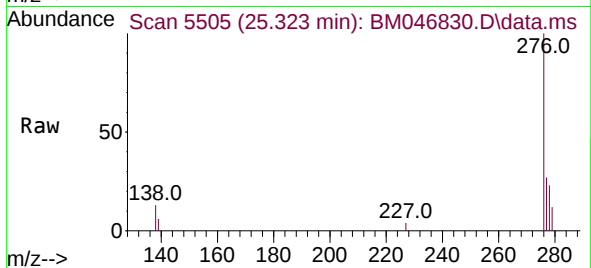
Tgt Ion:	278	Resp:	487
Ion Ratio	Lower	Upper	
278	100		
139	27.7	9.8	14.8
279	49.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.674 ng/ul

RT: 25.960 min Scan# 5695

Delta R.T. 0.007 min

Lab File: BM046830.D

Acq: 26 Jul 2024 14:51

Tgt Ion:	276	Resp:	21029
Ion Ratio	Lower	Upper	
276	100		
138	13.9	9.5	14.3
277	26.6	20.9	31.3

