

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046828.D
 Acq On : 26 Jul 2024 13:30
 Operator : MA/JU
 Sample : P3264-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM1

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 15:03:07 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	7.468	152	3220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	9170	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	5423	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	10456m	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	6324	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	6234m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	8092	3.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.828	152	3793	0.260	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	5761	0.280	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.277	128	1753	0.076	ng/ul#	90
7) 2-Methylnaphthalene	11.905	142	767	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.124	142	504	0.031	ng/ul	99
10) Acenaphthylene	13.831	152	3448	0.139	ng/ul#	93
11) Acenaphthene	14.178	153	1470	0.087	ng/ul	96
12) Fluorene	15.178	166	1943	0.092	ng/ul#	98
15) Phenanthrene	16.913	178	30845	1.026	ng/ul	97
16) Anthracene	17.002	178	5579	0.199	ng/ul#	93
19) Fluoranthene	18.942	202	54136	1.949	ng/ul	100
20) Pyrene	19.309	202	44169	1.537	ng/ul	100
21) Benzo(a)anthracene	21.067	228	19096	0.725	ng/ul	92
22) Chrysene	21.117	228	24762	0.925	ng/ul	97
24) Benzo(b)fluoranthene	22.581	252	34348m	1.255	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	12154m	0.441	ng/ul	
26) Benzo(a)pyrene	23.118	252	19115	0.973	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.316	276	17929	0.593	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.319	278	4133	0.187	ng/ul#	49
29) Benzo(g,h,i)perylene	25.957	276	18475	0.694	ng/ul#	96

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

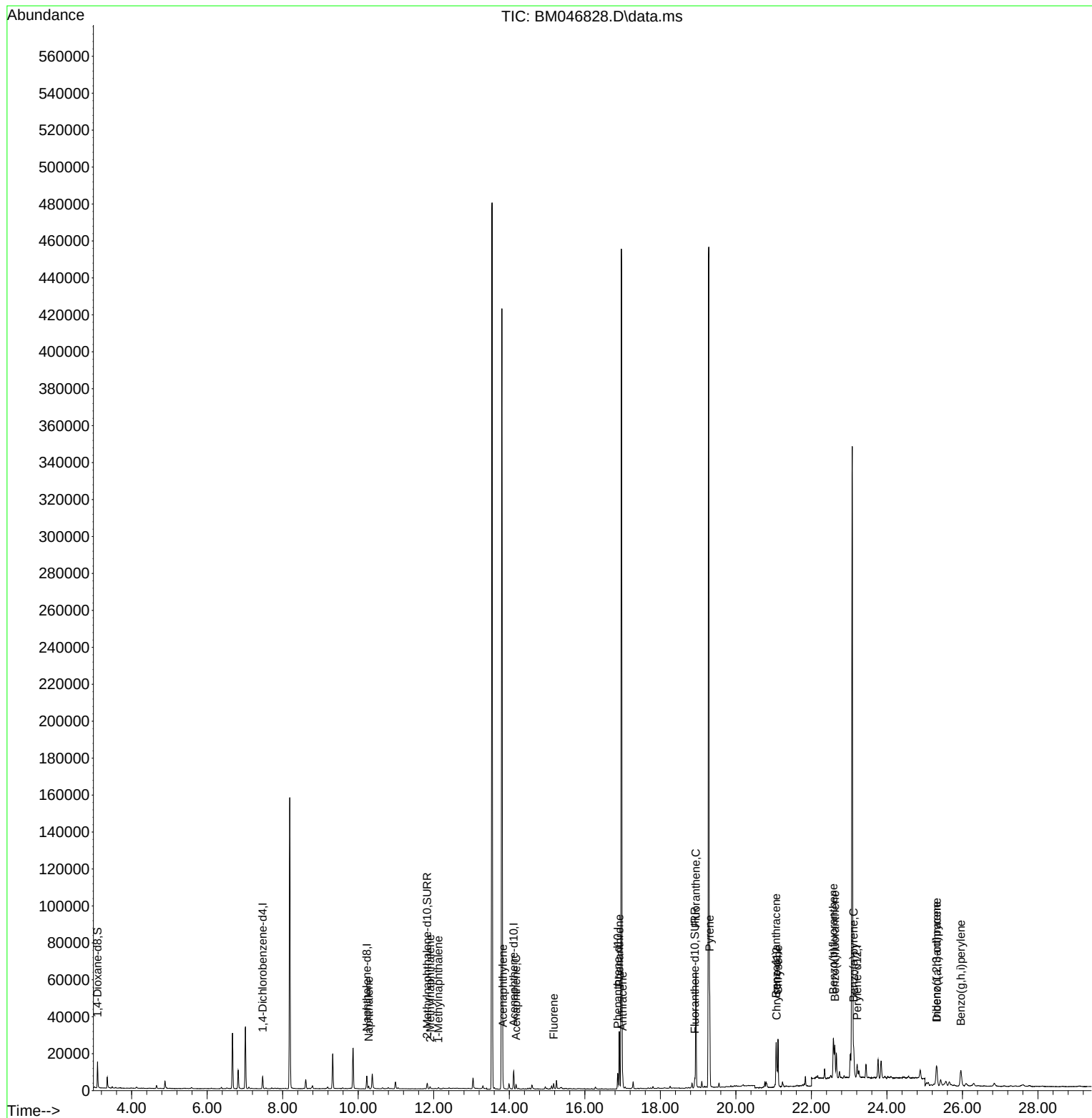
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046828.D
Acq On : 26 Jul 2024 13:30
Operator : MA/JU
Sample : P3264-15
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ALS Vial : 9 Sample Multiplier: 1

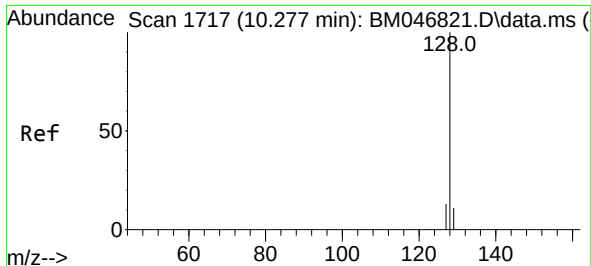
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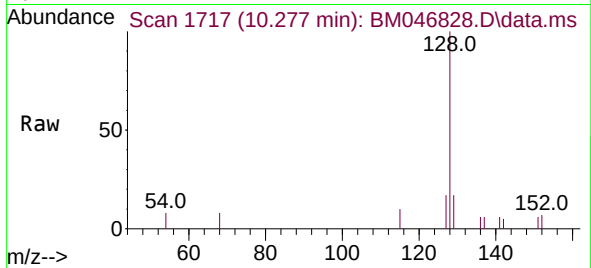
Quant Time: Jul 26 15:03:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

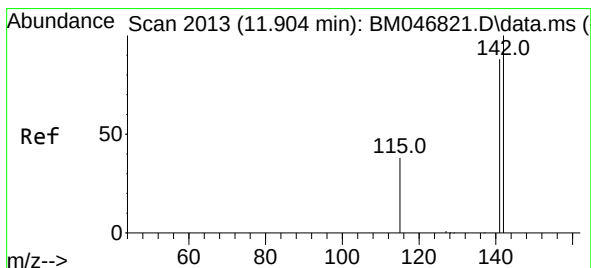
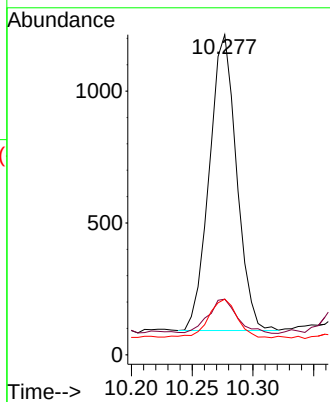
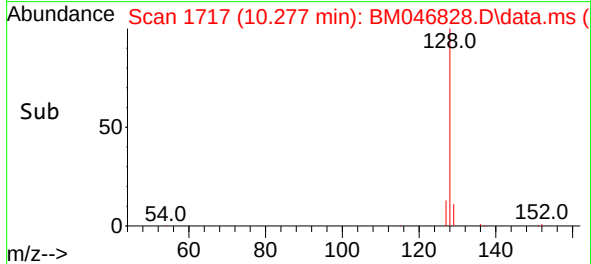
Instrument :
BNA_M
ClientSampleId :
A4CM1



Tgt Ion:128 Resp: 175
Ion Ratio Lower Upper
128 100
129 17.4 10.1 15.1
127 17.4 11.5 17.3

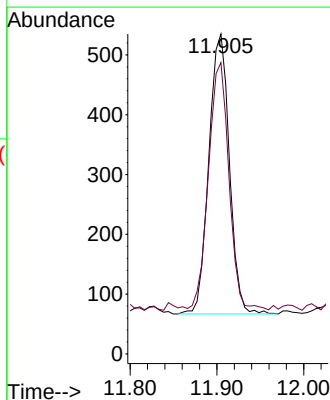
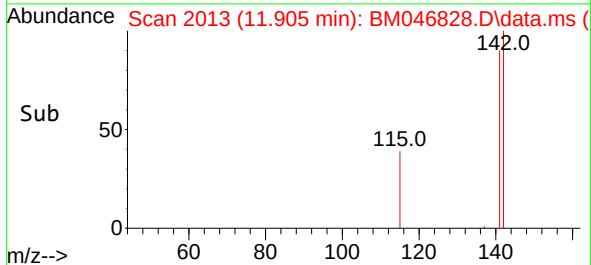
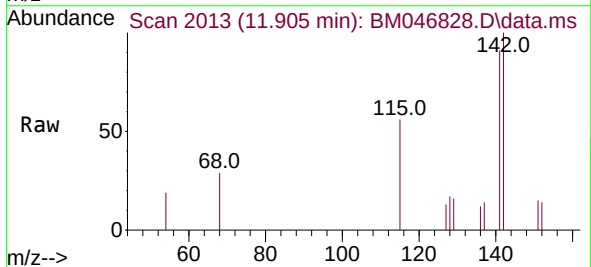
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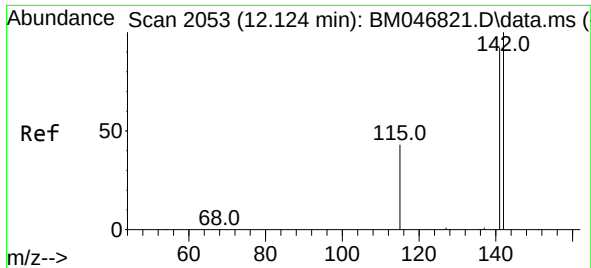
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.905 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

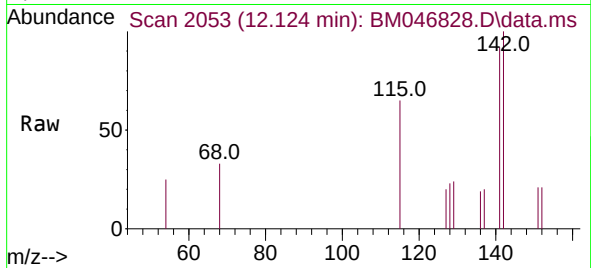
Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.031 ng/u1
RT: 12.124 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

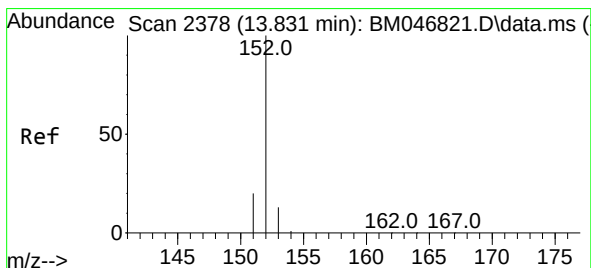
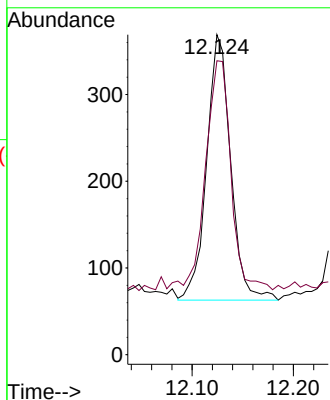
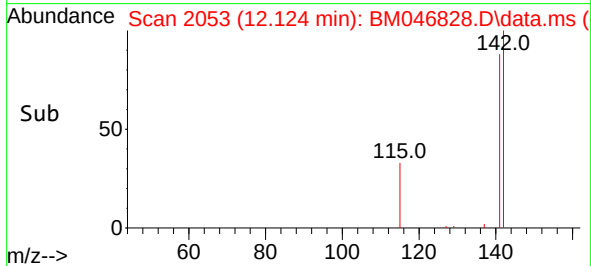
Instrument :
BNA_M
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Tgt Ion:142 Resp: 504
Ion Ratio Lower Upper
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141 90.9 73.1 109.7

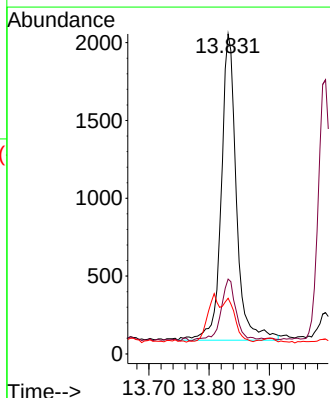
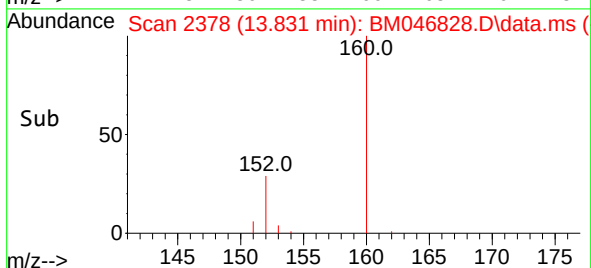
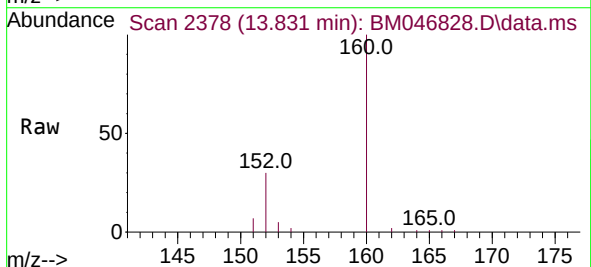
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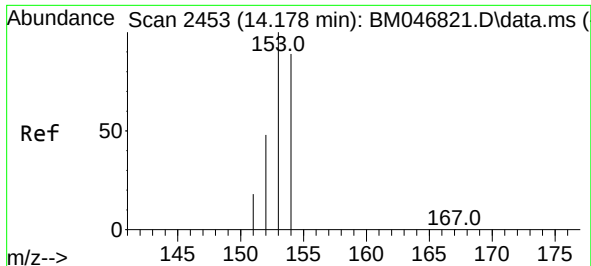
Reviewed By :Yogesh Patel 07/27/2024
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#10
Acenaphthylene
Concen: 0.139 ng/u1
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

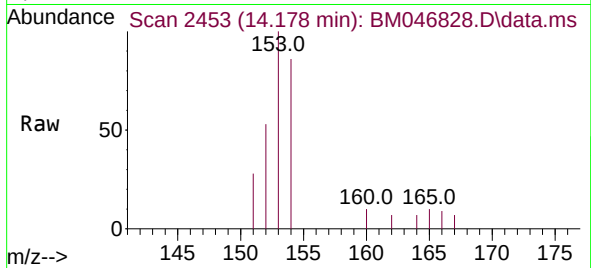
Tgt Ion:152 Resp: 3448
Ion Ratio Lower Upper
152 100
151 23.4 16.8 25.2
153 17.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.087 ng/u1
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

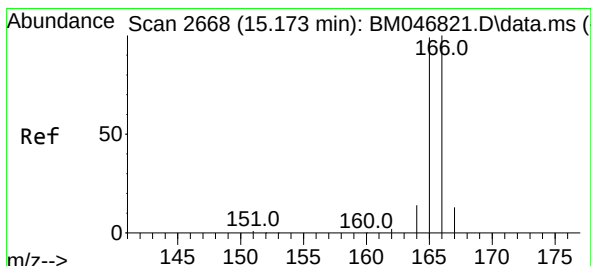
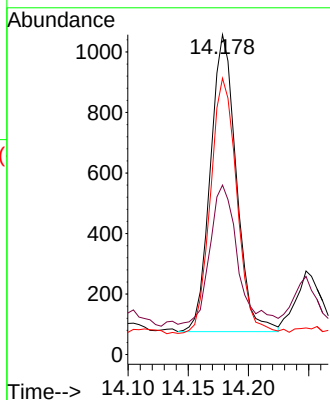
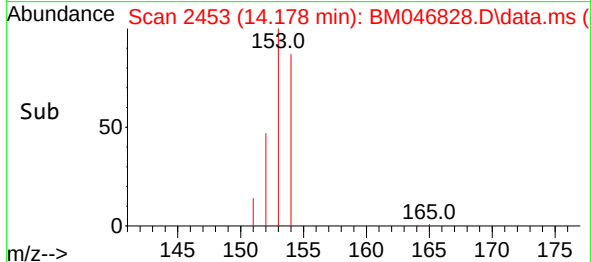
Instrument :
BNA_M
ClientSampleId :
A4CM1



Tgt Ion:153 Resp: 1470
Ion Ratio Lower Upper
153 100
152 53.0 38.6 57.8
154 86.4 70.8 106.2

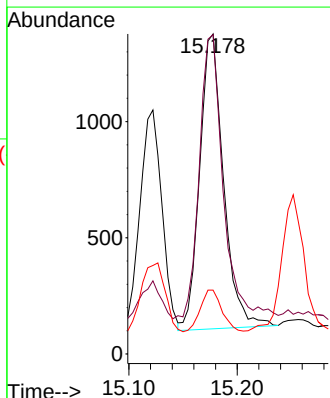
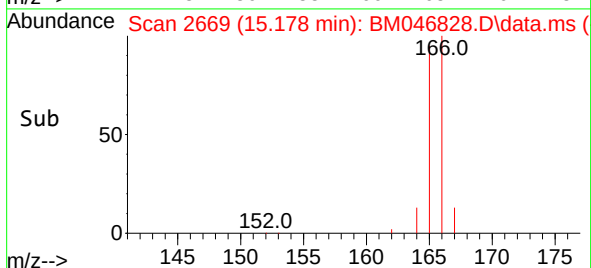
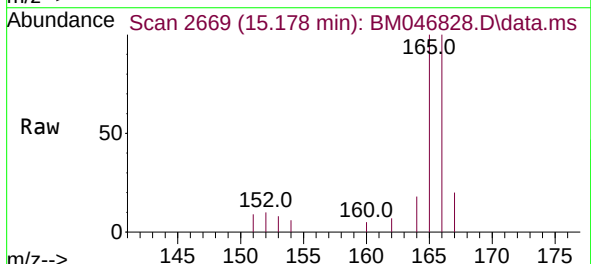
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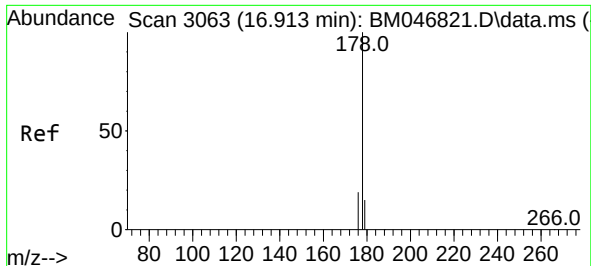
Reviewed By :Yogesh Patel 07/27/2024
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#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

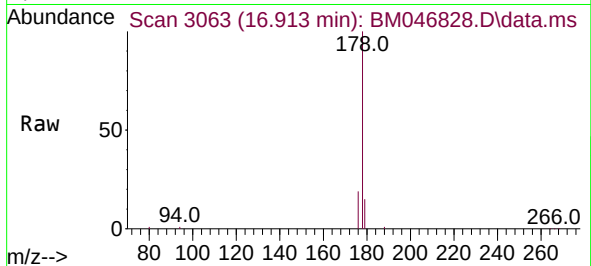
Tgt Ion:166 Resp: 1943
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.6
167 20.0 12.3 18.5#





#15
Phenanthrene
Concen: 1.026 ng/u1
RT: 16.913 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

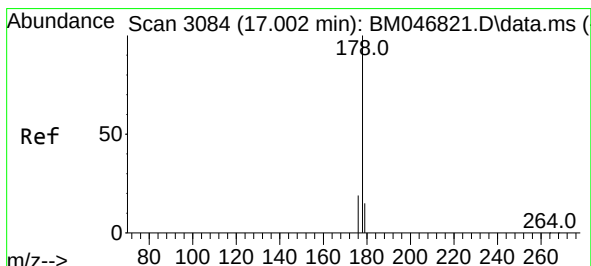
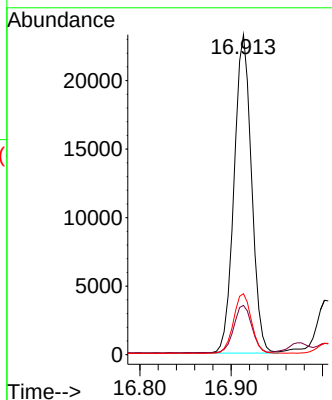
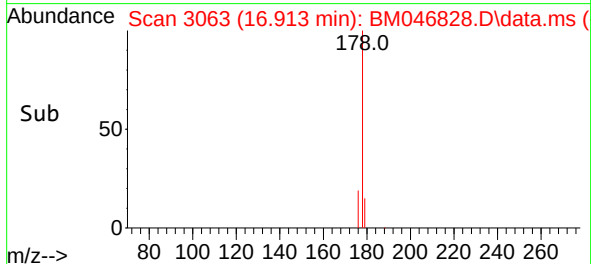
Instrument :
BNA_M
ClientSampleId :
A4CM1



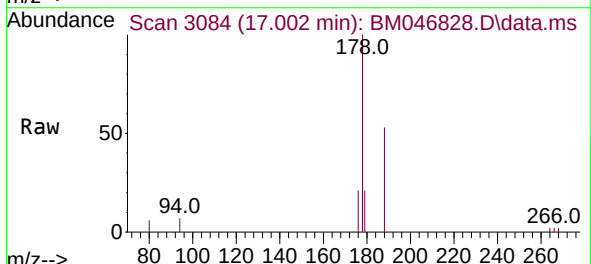
Tgt Ion:178 Resp: 3084
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.0 16.1 24.1

Manual Integrations
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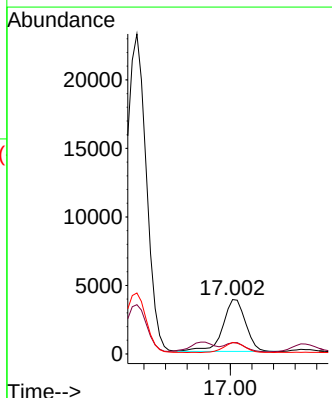
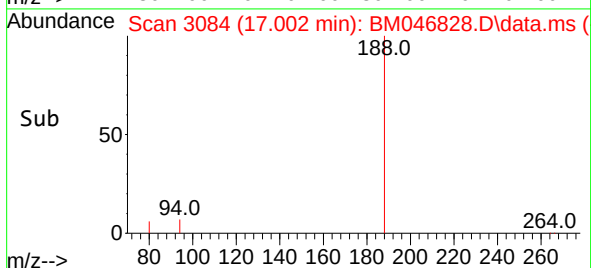
Reviewed By :Yogesh Patel 07/27/2024
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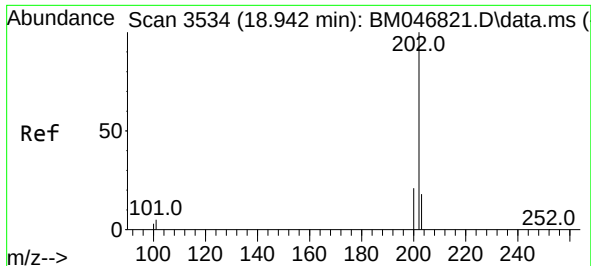


#16
Anthracene
Concen: 0.199 ng/u1
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30



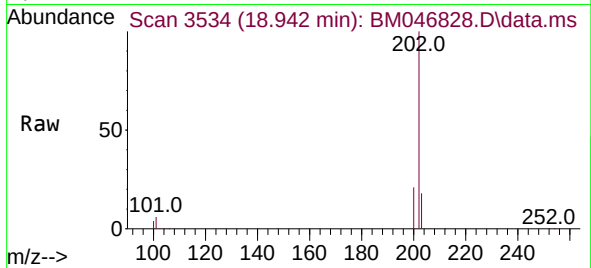
Tgt Ion:178 Resp: 5579
Ion Ratio Lower Upper
178 100
179 20.5 13.1 19.7#
176 21.3 15.0 22.6





#19
Fluoranthene
Concen: 1.949 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

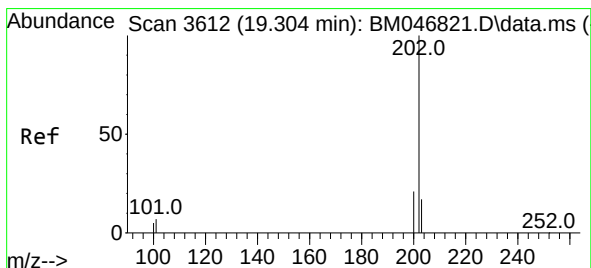
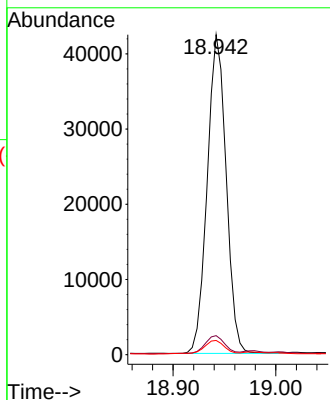
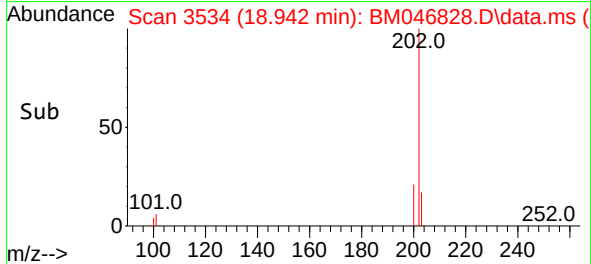
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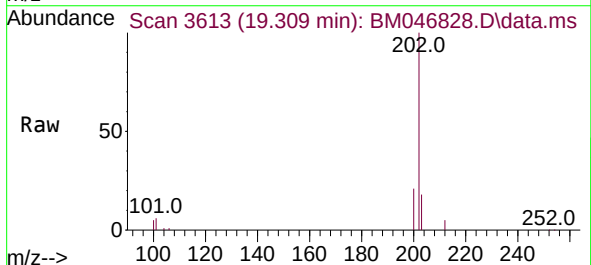
Tgt Ion:202 Resp: 54130
Ion Ratio Lower Upper
202 100
101 6.0 4.7 7.1
100 4.5 3.4 5.2

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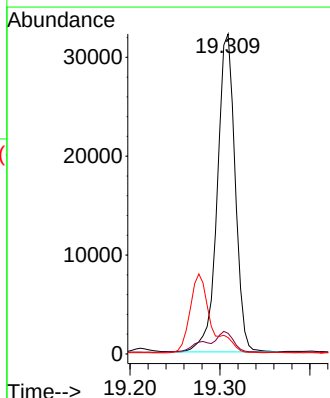
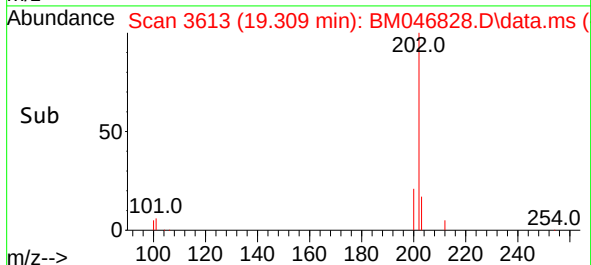
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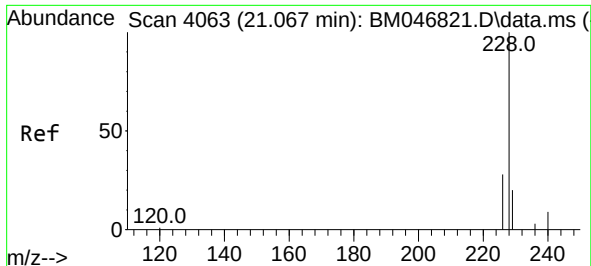


#20
Pyrene
Concen: 1.537 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30



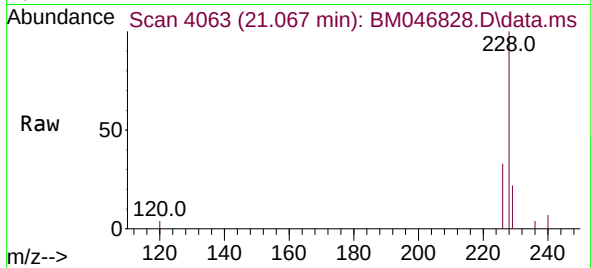
Tgt Ion:202 Resp: 44169
Ion Ratio Lower Upper
202 100
101 6.5 5.2 7.8
100 5.1 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.725 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

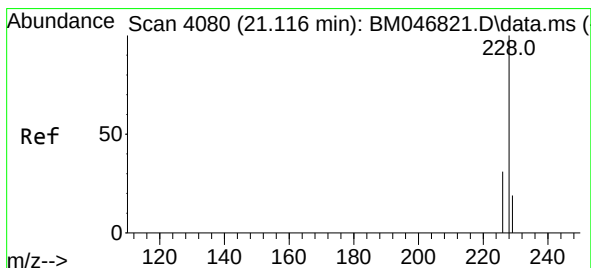
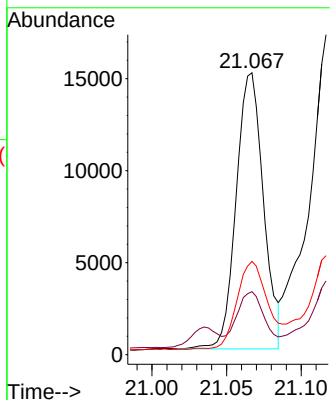
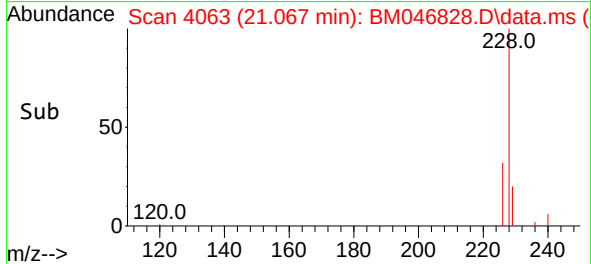
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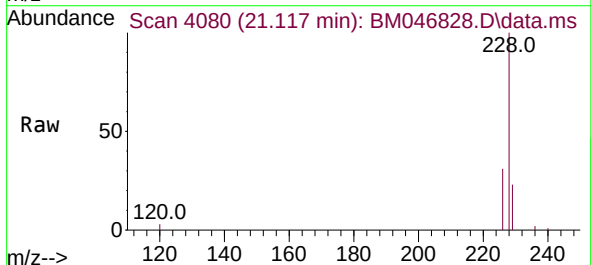
Tgt Ion:228 Resp: 19090
Ion Ratio Lower Upper
228 100
229 22.4 16.3 24.5
226 33.1 22.3 33.5

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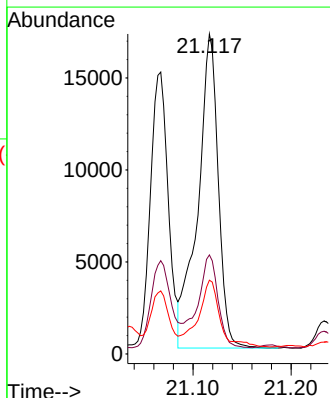
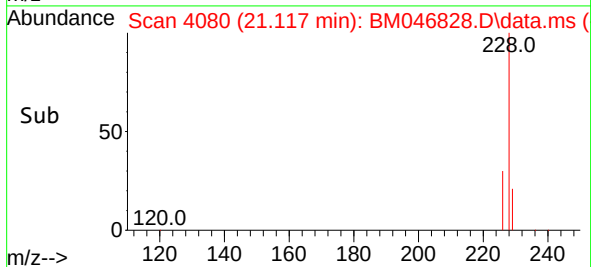
Reviewed By :Yogesh Patel 07/27/2024
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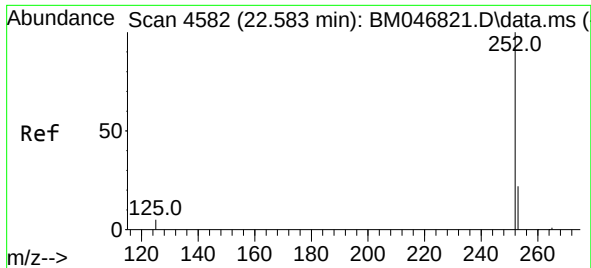


#22
Chrysene
Concen: 0.925 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30



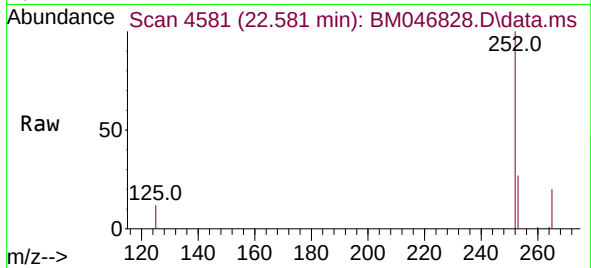
Tgt Ion:228 Resp: 24762
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 23.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.255 ng/ul m
RT: 22.581 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

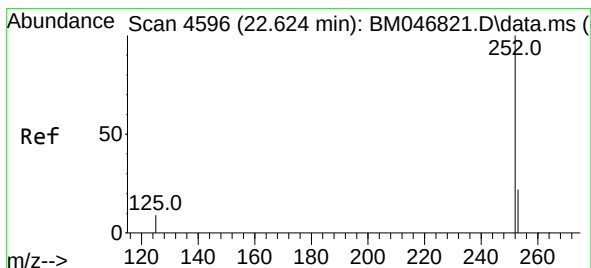
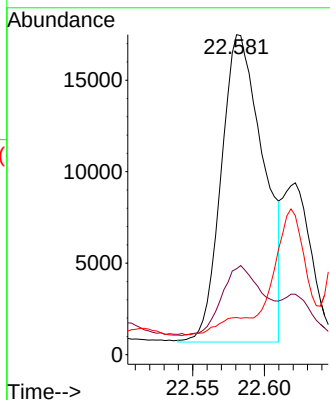
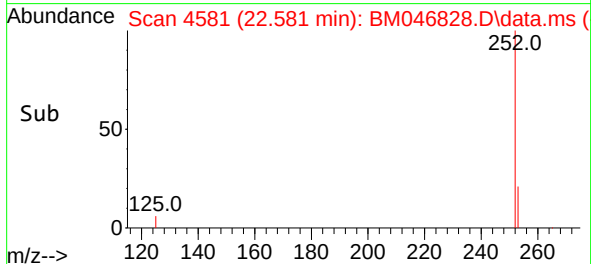
Instrument :
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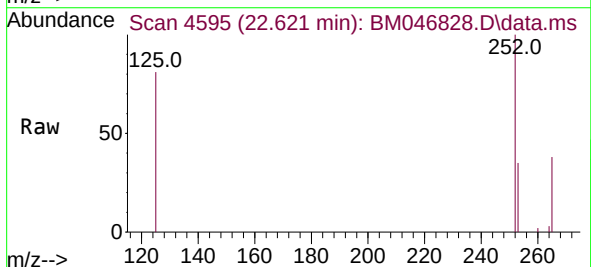
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Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.4
125 11.6 0.0 15.8

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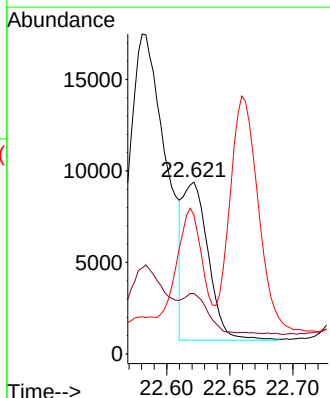
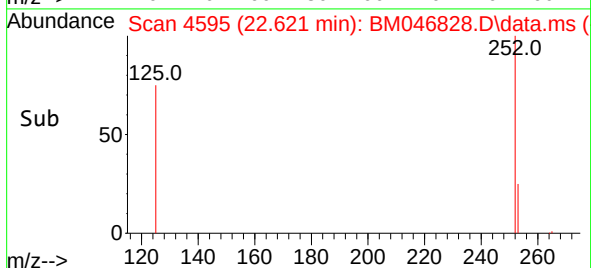
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

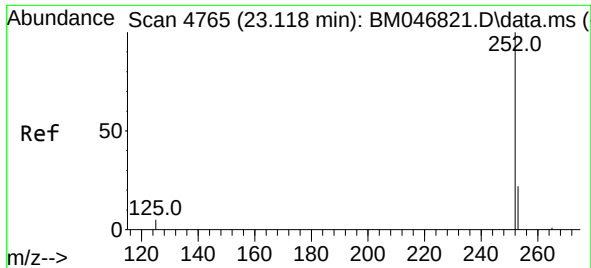


#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30



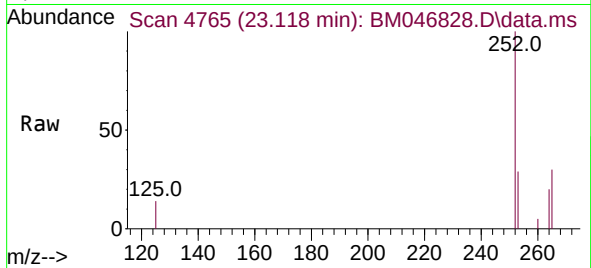
Tgt Ion:252 Resp: 12154
Ion Ratio Lower Upper
252 100
253 35.2 23.5 35.3
125 81.0 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.973 ng/ul
RT: 23.118 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30

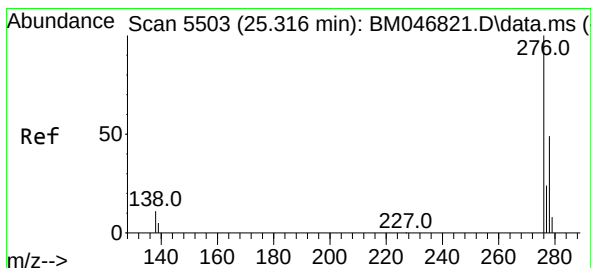
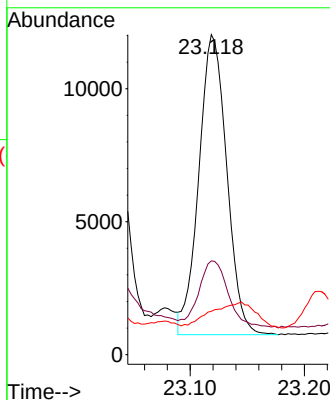
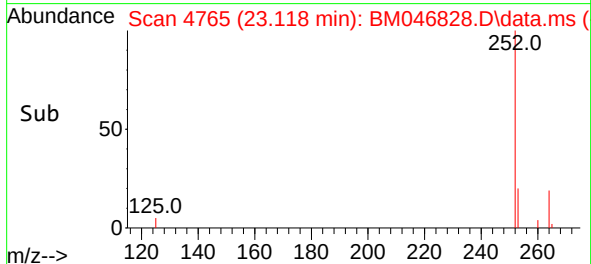
Instrument :
BNA_M
ClientSampleId :
A4CM1



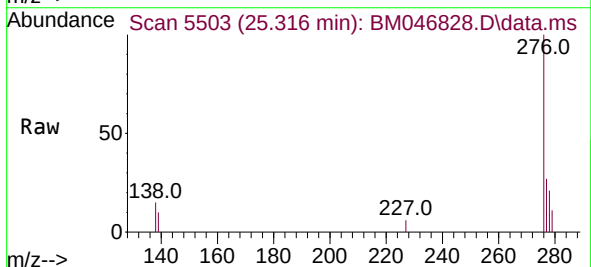
Tgt Ion:252 Resp: 19115
Ion Ratio Lower Upper
252 100
253 29.3 26.0 39.0
125 13.6 7.8 11.8

Manual Integrations
APPROVED

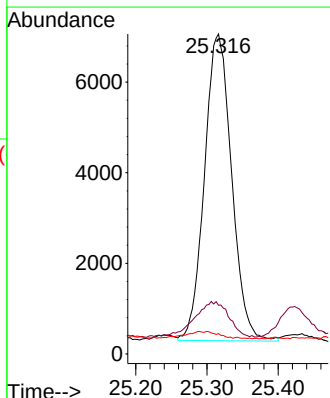
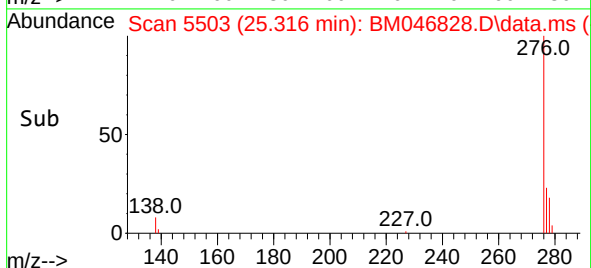
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

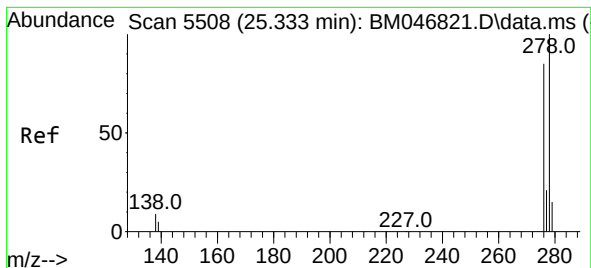


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.593 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046828.D
Acq: 26 Jul 2024 13:30



Tgt Ion:276 Resp: 17929
Ion Ratio Lower Upper
276 100
138 14.6 9.7 14.5#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.187 ng/ul

RT: 25.319 min Scan# 5504

Delta R.T. -0.013 min

Lab File: BM046828.D

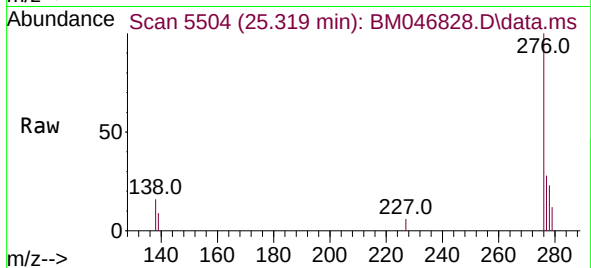
Acq: 26 Jul 2024 13:30

Instrument :

BNA_M

ClientSampleId :

A4CM1



Tgt Ion:278 Resp: 413

Ion Ratio Lower Upper

278 100

139 41.9 9.8 14.8

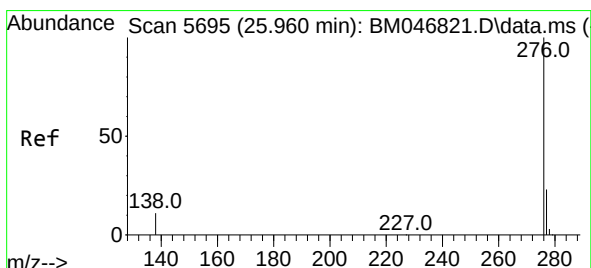
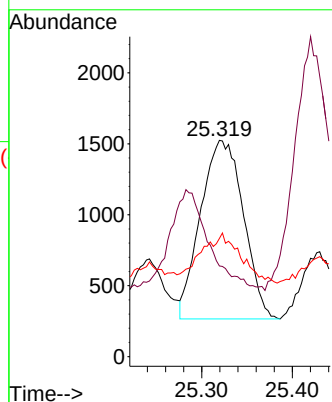
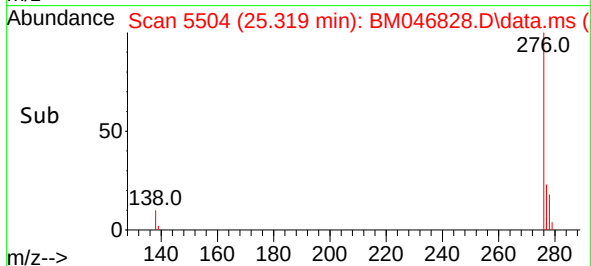
279 54.7 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.694 ng/ul

RT: 25.957 min Scan# 5694

Delta R.T. 0.003 min

Lab File: BM046828.D

Acq: 26 Jul 2024 13:30

Tgt Ion:276 Resp: 18475

Ion Ratio Lower Upper

276 100

138 15.4 9.5 14.3

277 26.7 20.9 31.3

