

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046330.D
 Acq On : 26 Jun 2024 15:16
 Operator : MA/JU
 Sample : P2909-19DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B42DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 15:48:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2360	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.205	136	6657	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.053	164	4061	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.804	188	8056	0.400	ng/ul	-0.03
17) Chrysene-d12	21.003	240	6847	0.400	ng/ul	-0.01
23) Perylene-d12	23.089	264	8041m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1558	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	386	0.043	ng/ul	-0.01
18) Fluoranthene-d10	18.830	212	998	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	1318	0.071	ng/ul#	66
7) 2-Methylnaphthalene	11.910	142	332	0.032	ng/ul	86
8) 1-Methylnaphthalene	12.113	142	274	0.024	ng/ul	94
10) Acenaphthylene	13.776	152	1560	0.081	ng/ul#	79
11) Acenaphthene	14.118	153	1216	0.087	ng/ul	94
12) Fluorene	15.122	166	1473	0.099	ng/ul#	96
15) Phenanthrene	16.842	178	24956	1.103	ng/ul	97
16) Anthracene	16.934	178	5152	0.306	ng/ul#	94
19) Fluoranthene	18.863	202	57008	1.923	ng/ul	95
20) Pyrene	19.221	202	35532	1.108	ng/ul	98
21) Benzo(a)anthracene	20.985	228	26871	1.016	ng/ul	98
22) Chrysene	21.038	228	26425	0.783	ng/ul	98
24) Benzo(b)fluoranthene	22.475	252	40090m	1.384	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	19030m	0.553	ng/ul	
26) Benzo(a)pyrene	22.998	252	11785	0.439	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.135	276	13154m	0.299	ng/ul	
28) Dibenzo(a,h)anthracene	25.135	278	4071m	0.124	ng/ul	
29) Benzo(g,h,i)perylene	25.759	276	1955	0.052	ng/ul#	55

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

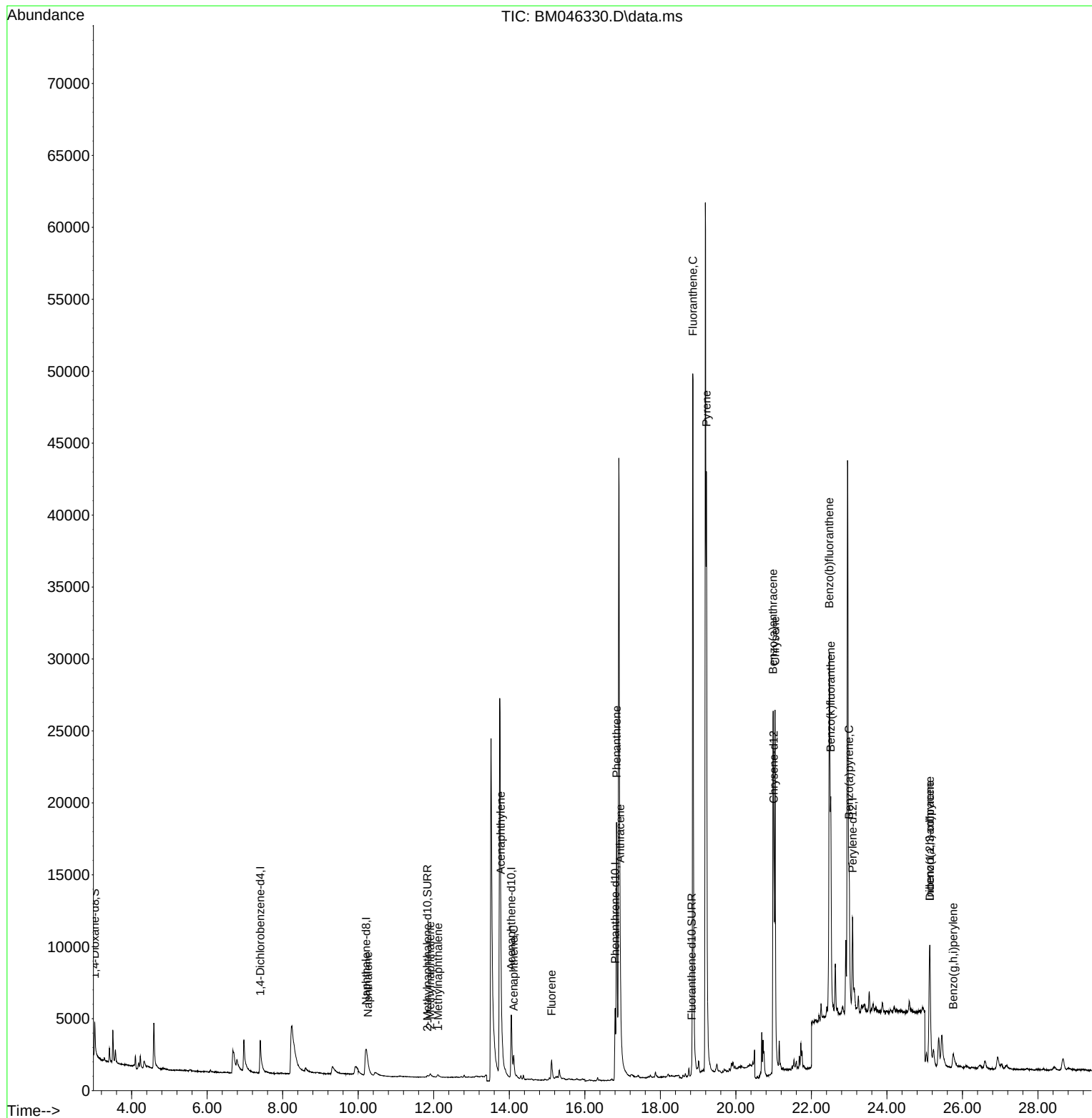
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046330.D
Acq On : 26 Jun 2024 15:16
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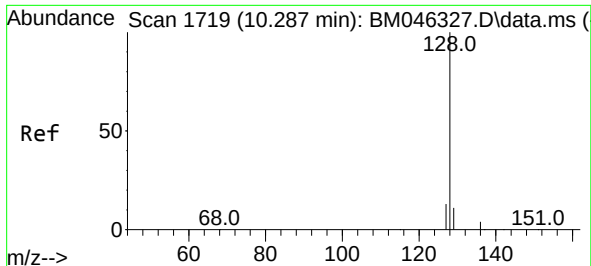
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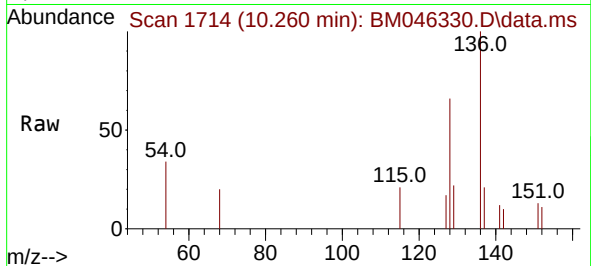
Quant Time: Jun 26 15:48:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

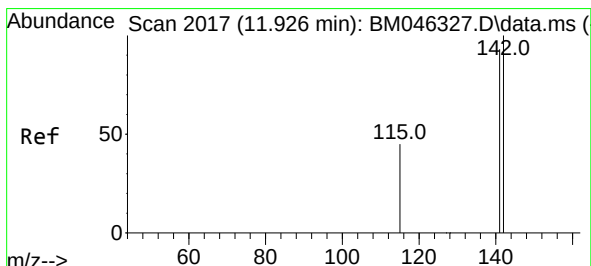
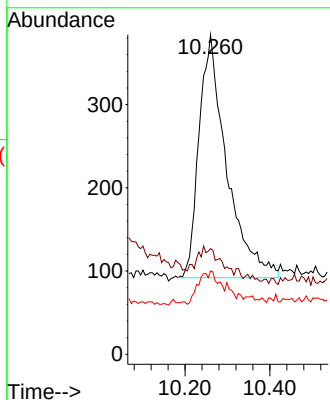
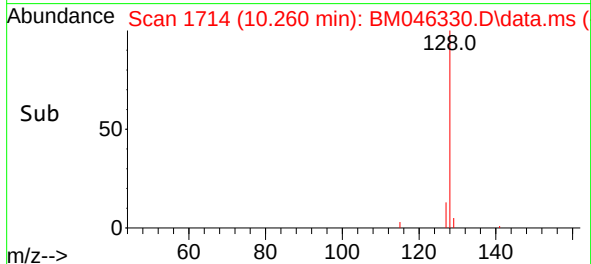
Instrument :
BNA_M
ClientSampleId :
A4B42DL



Tgt Ion:128 Resp: 1318
Ion Ratio Lower Upper
128 100
129 33.1 11.8 17.6
127 26.0 12.8 19.2

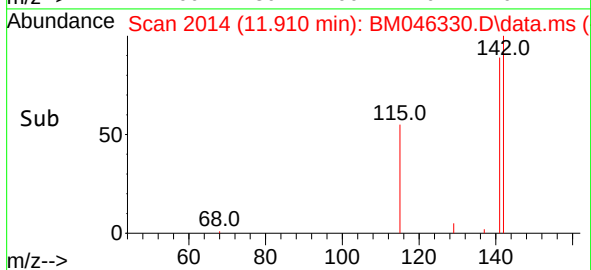
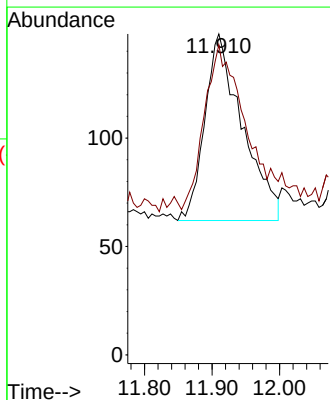
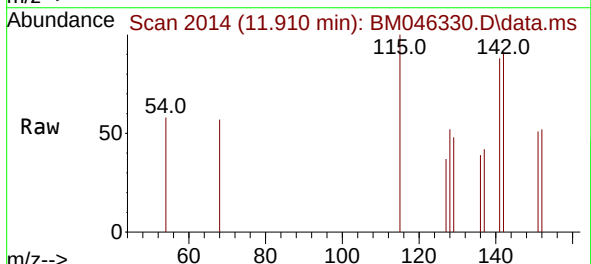
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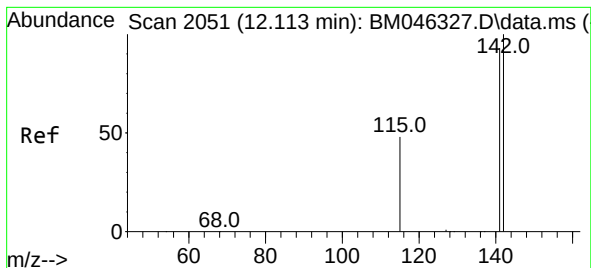
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
141 106.3 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.113 min Scan# 2051

Delta R.T. 0.011 min

Lab File: BM046330.D

Acq: 26 Jun 2024 15:16

Instrument :

BNA_M

ClientSampleId :

A4B42DL

Tgt Ion:142 Resp: 274

Ion Ratio Lower Upper

142 100

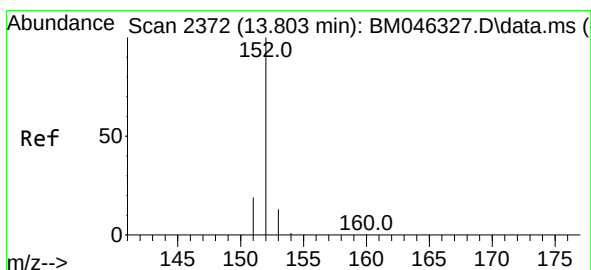
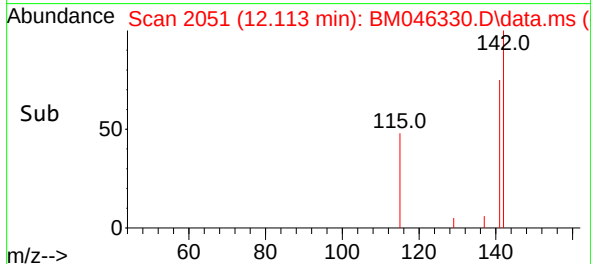
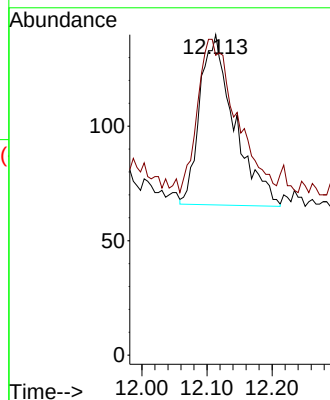
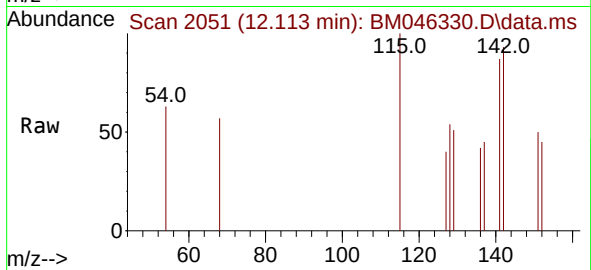
141 100.0 75.2 112.8

Manual Integrations

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#10

Acenaphthylene

Concen: 0.081 ng/ul

RT: 13.776 min Scan# 2366

Delta R.T. -0.018 min

Lab File: BM046330.D

Acq: 26 Jun 2024 15:16

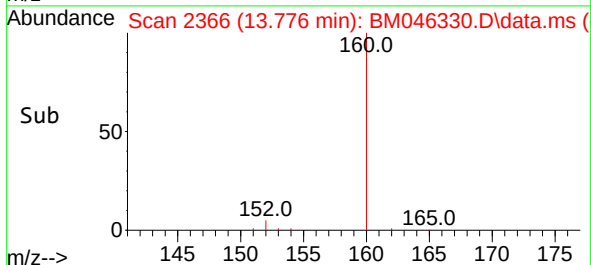
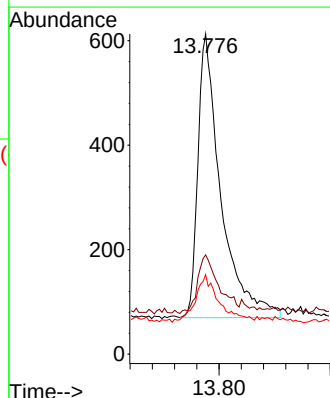
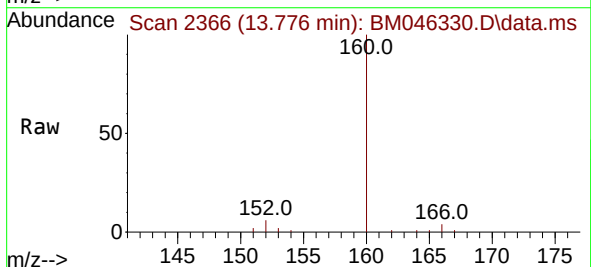
Tgt Ion:152 Resp: 1560

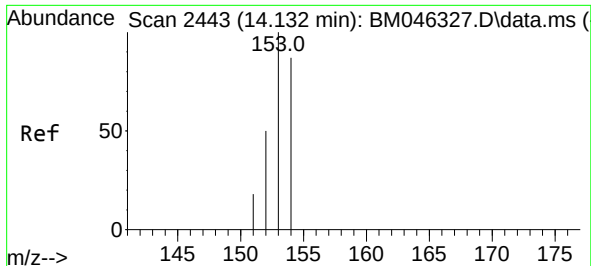
Ion Ratio Lower Upper

152 100

151 31.0 17.4 26.2#

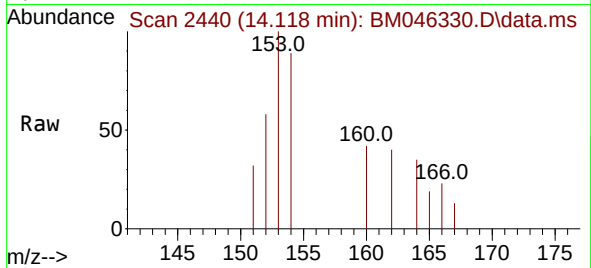
153 24.8 11.8 17.8#





#11
Acenaphthene
Concen: 0.087 ng/u1
RT: 14.118 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

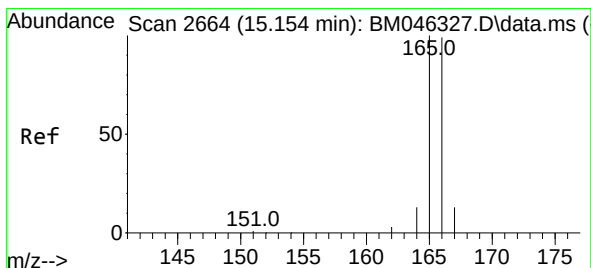
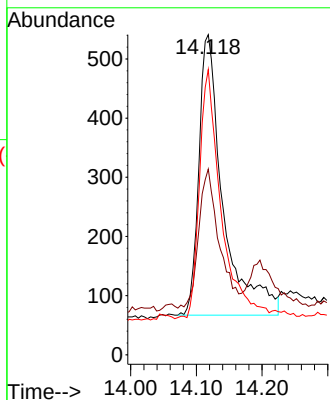
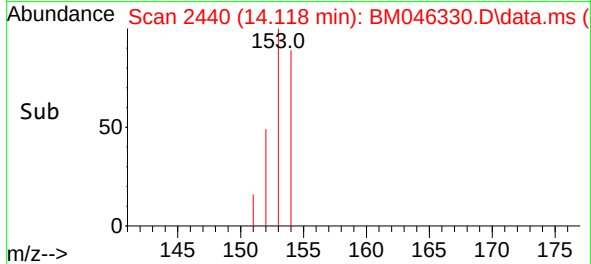
Instrument :
BNA_M
ClientSampleId :
A4B42DL



Tgt Ion:153 Resp: 1210
Ion Ratio Lower Upper
153 100
152 58.0 41.3 61.9
154 89.1 68.2 102.4

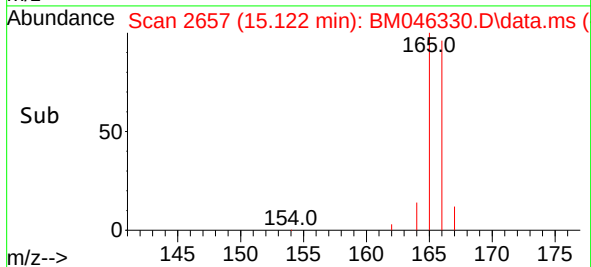
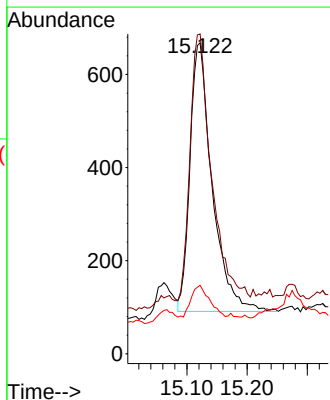
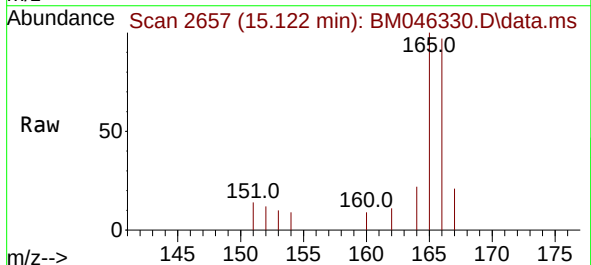
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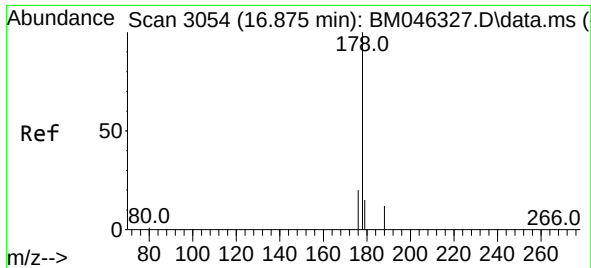
Reviewed By :Yogesh Patel 06/27/2024
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#12
Fluorene
Concen: 0.099 ng/u1
RT: 15.122 min Scan# 2657
Delta R.T. -0.028 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

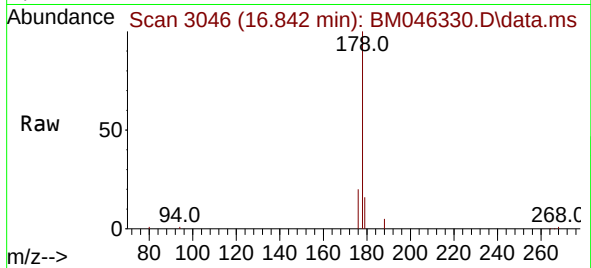
Tgt Ion:166 Resp: 1473
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 22.0 12.4 18.6#





#15
Phenanthrene
Concen: 1.103 ng/u1
RT: 16.842 min Scan# 3046
Delta R.T. -0.034 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

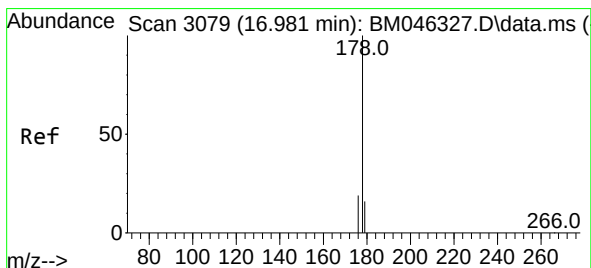
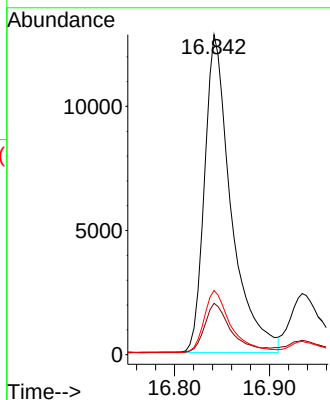
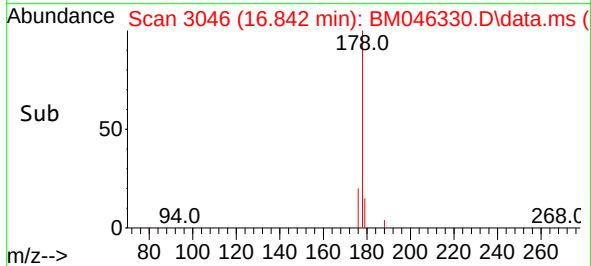
Instrument :
BNA_M
ClientSampleId :
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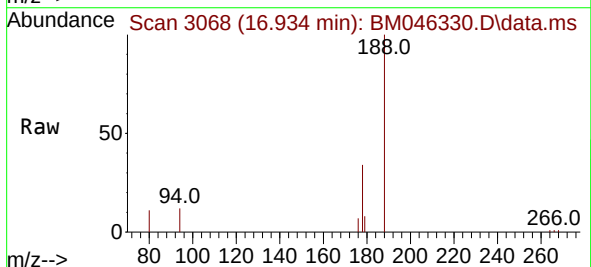
Tgt Ion:178 Resp: 2495
Ion Ratio Lower Upper
178 100
179 16.0 14.2 21.2
176 20.0 17.1 25.7

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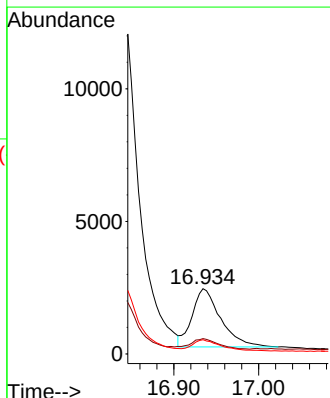
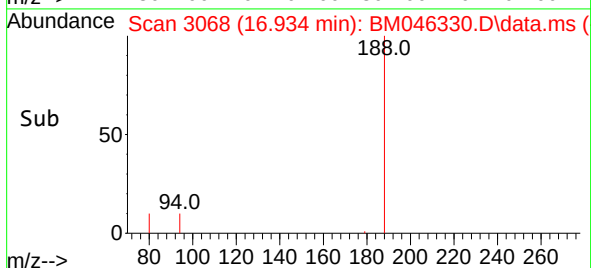
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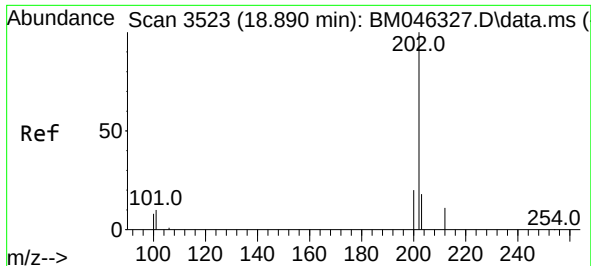


#16
Anthracene
Concen: 0.306 ng/u1
RT: 16.934 min Scan# 3068
Delta R.T. -0.038 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16



Tgt Ion:178 Resp: 5152
Ion Ratio Lower Upper
178 100
179 23.5 14.9 22.3#
176 21.8 17.0 25.4





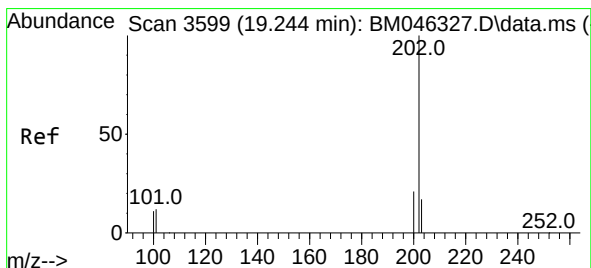
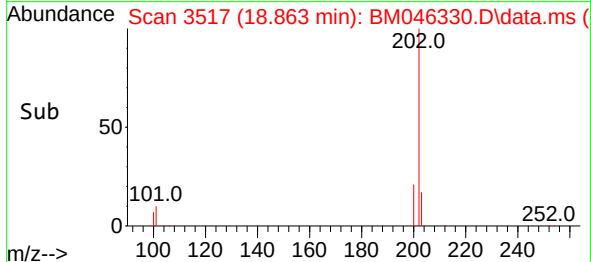
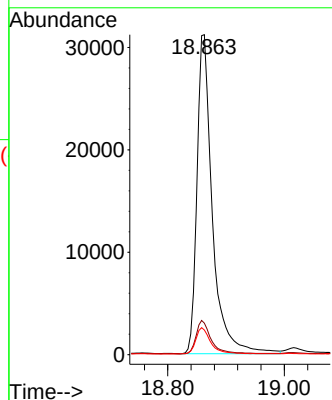
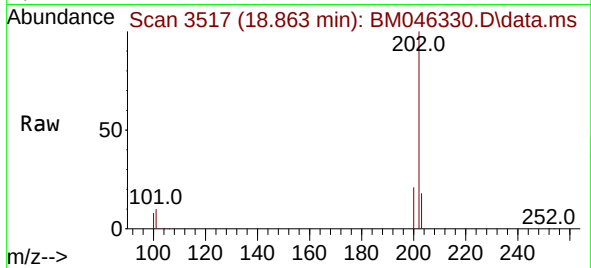
#19
Fluoranthene
Concen: 1.923 ng/ul
RT: 18.863 min Scan# 3517
Delta R.T. -0.023 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

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Tgt Ion:202 Resp: 57008
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 7.7 7.6 11.4

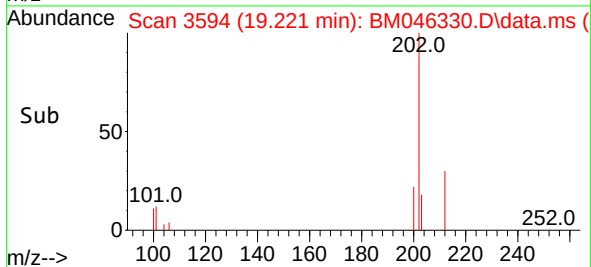
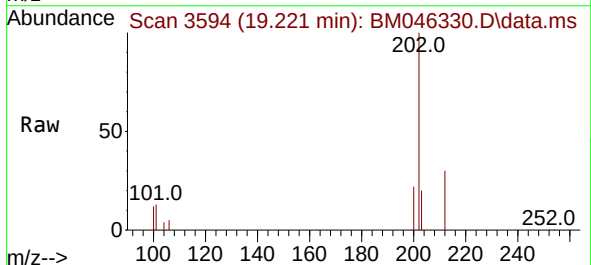
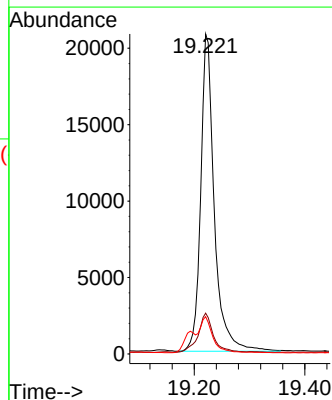
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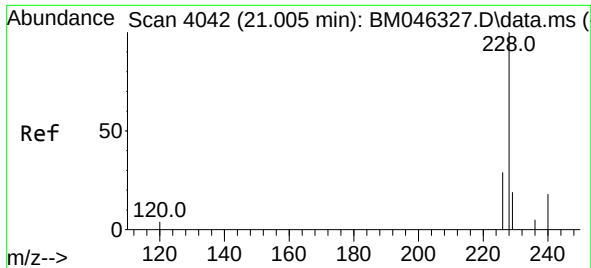
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 1.108 ng/ul
RT: 19.221 min Scan# 3594
Delta R.T. -0.023 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

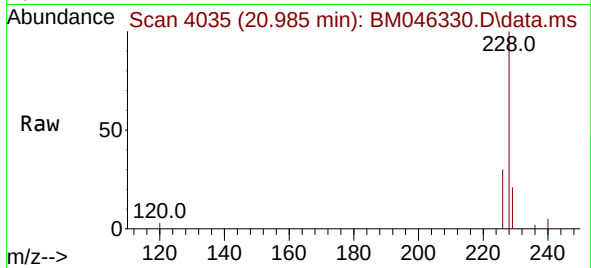
Tgt Ion:202 Resp: 35532
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.016 ng/ul
RT: 20.985 min Scan# 4042
Delta R.T. -0.017 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

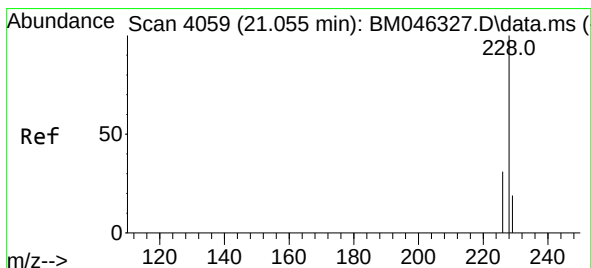
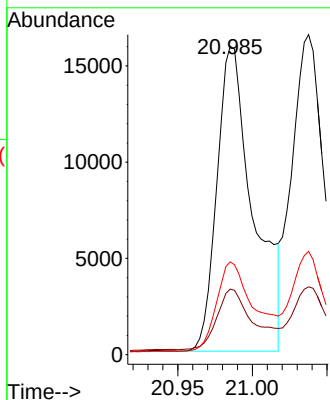
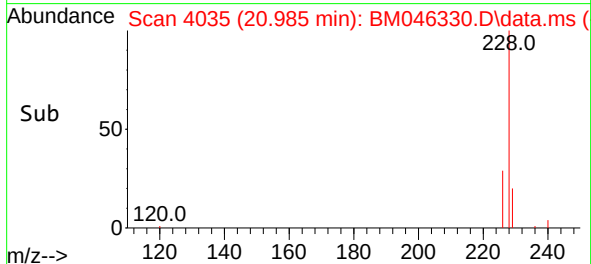
Instrument :
BNA_M
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A4B42DL



Tgt Ion:228 Resp: 2687
Ion Ratio Lower Upper
228 100
229 21.3 16.4 24.6
226 30.1 23.4 35.2

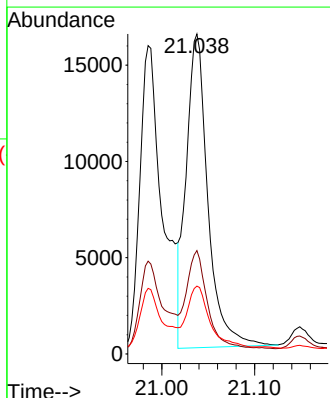
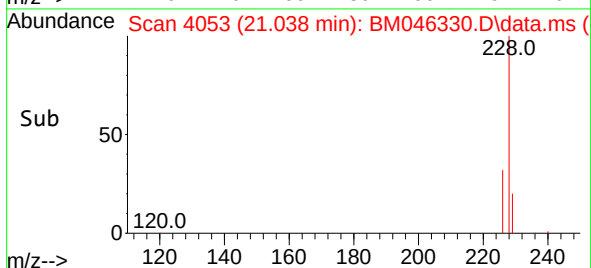
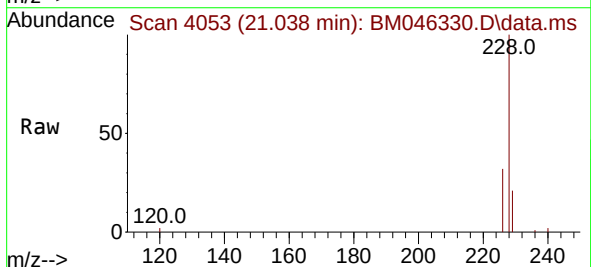
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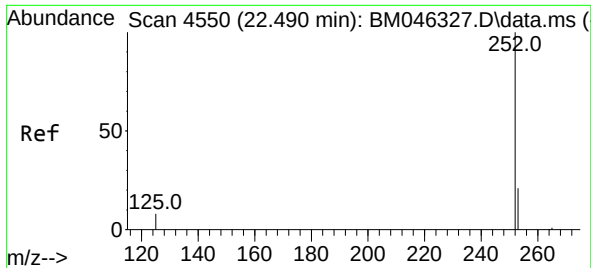
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.783 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.015 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

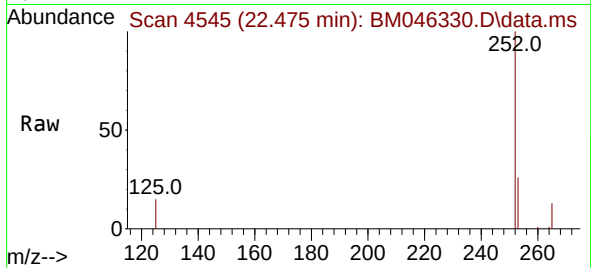
Tgt Ion:228 Resp: 26425
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.384 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.012 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

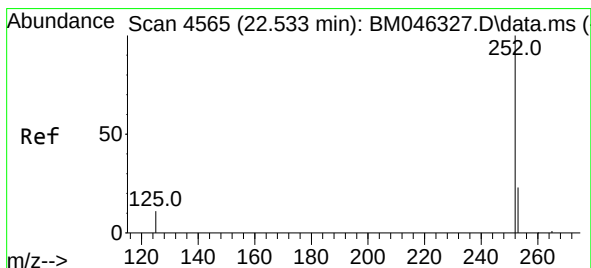
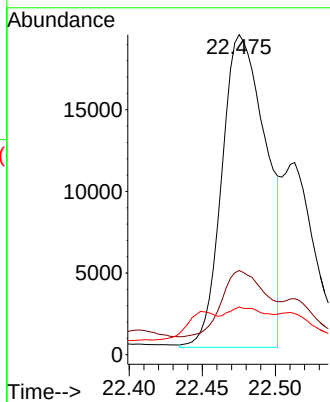
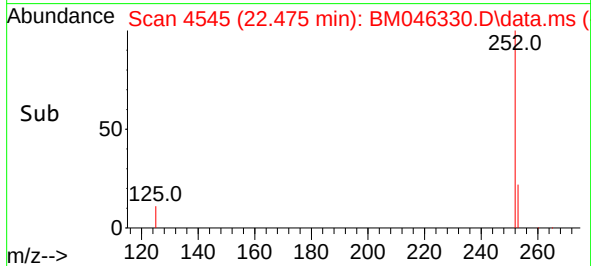
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 40090
Ion Ratio Lower Upper
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253 26.3 0.0 65.8
125 14.9 0.0 40.2

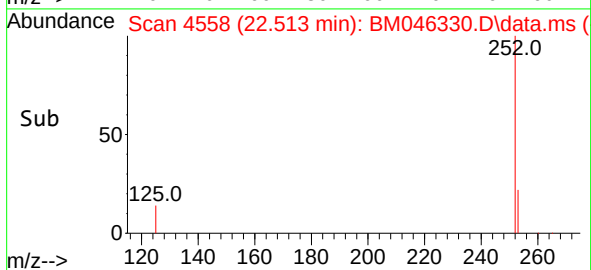
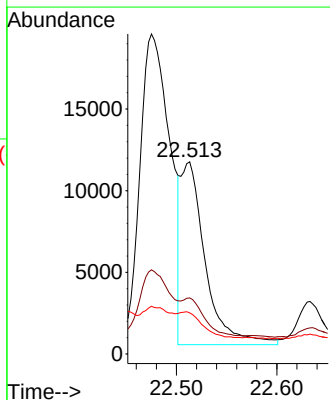
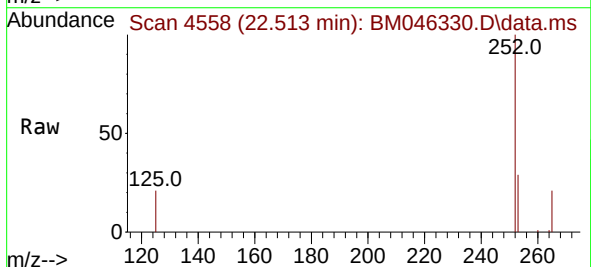
Manual Integrations
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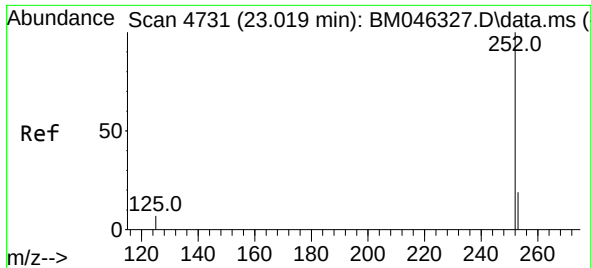
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.553 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.015 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

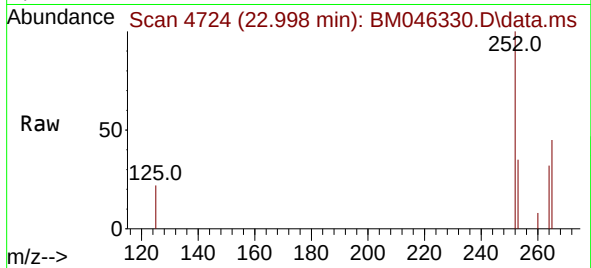
Tgt Ion:252 Resp: 19030
Ion Ratio Lower Upper
252 100
253 29.1 27.2 40.8
125 21.4 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

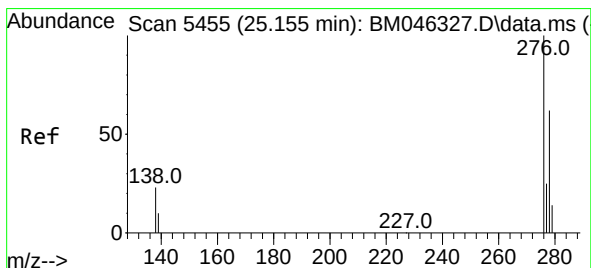
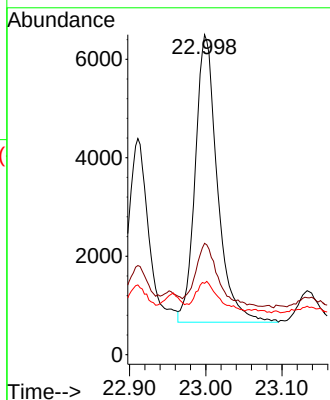
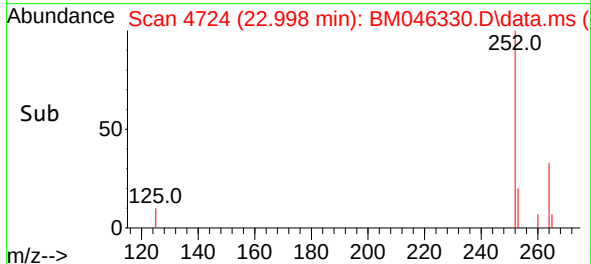
Instrument :
BNA_M
ClientSampleId :
A4B42DL



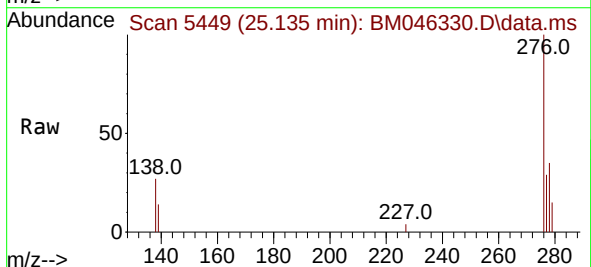
Tgt Ion:252 Resp: 1178
Ion Ratio Lower Upper
252 100
253 34.8 32.1 48.1
125 22.3 21.2 31.8

Manual Integrations
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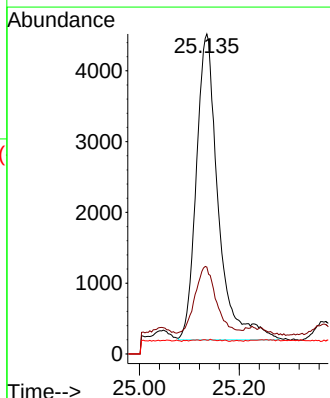
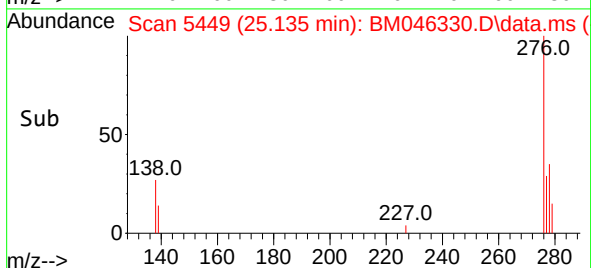
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

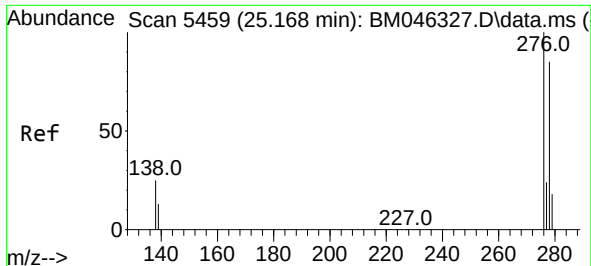


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul m
RT: 25.135 min Scan# 5449
Delta R.T. -0.017 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16



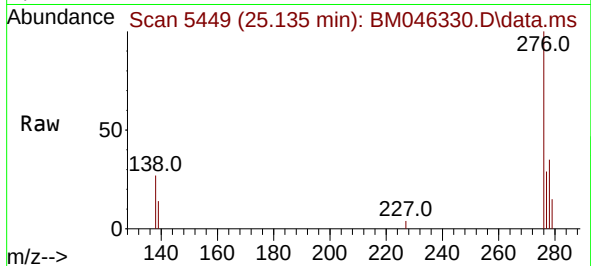
Tgt Ion:276 Resp: 13154
Ion Ratio Lower Upper
276 100
138 34.4 21.0 31.4#
227 27.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul m
RT: 25.135 min Scan# 54
Delta R.T. -0.023 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16

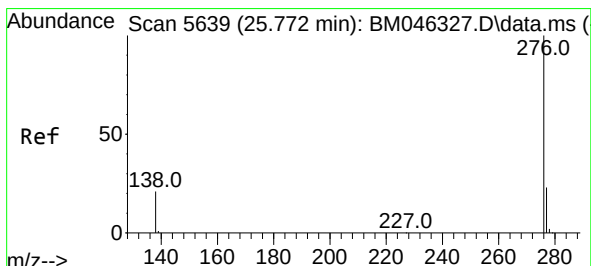
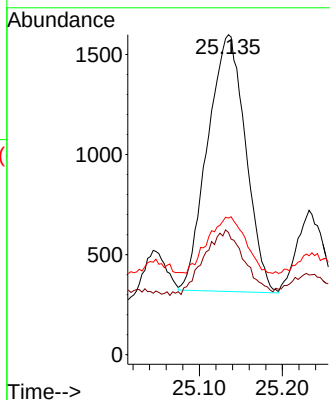
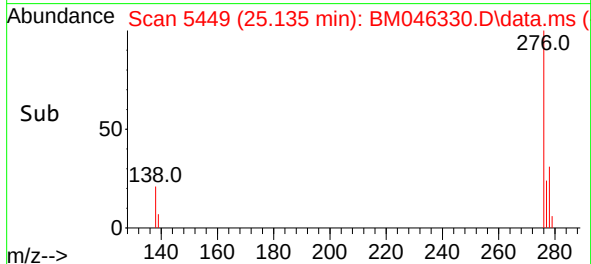
Instrument :
BNA_M
ClientSampleId :
A4B42DL



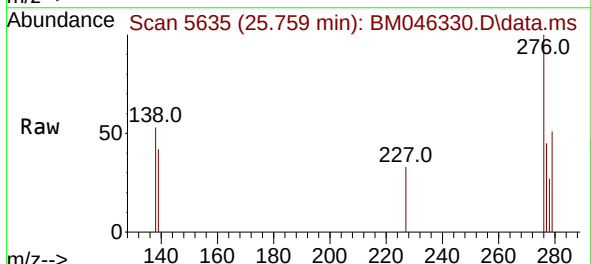
Tgt Ion:278 Resp: 407
Ion Ratio Lower Upper
278 100
139 38.2 17.6 26.4#
279 42.7 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.010 min
Lab File: BM046330.D
Acq: 26 Jun 2024 15:16



Tgt Ion:276 Resp: 1955
Ion Ratio Lower Upper
276 100
138 53.4 21.7 32.5#
277 45.1 20.4 30.6#

