

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046329.D
 Acq On : 26 Jun 2024 14:39
 Operator : MA/JU
 Sample : P2909-18DL 5X
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B41DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 15:34:17 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	2139	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.211	136	6085	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.053	164	3726	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.804	188	7302	0.400	ng/ul	-0.03
17) Chrysene-d12	21.003	240	6415	0.400	ng/ul	-0.01
23) Perylene-d12	23.089	264	7656m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	1540	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	336	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.830	212	879	0.046	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.260	128	531	0.031	ng/ul#	33
7) 2-Methylnaphthalene	11.910	142	223	0.023	ng/ul	90
10) Acenaphthylene	13.776	152	1353	0.077	ng/ul#	74
11) Acenaphthene	14.118	153	1348	0.106	ng/ul	97
12) Fluorene	15.122	166	1369	0.100	ng/ul#	98
15) Phenanthrene	16.842	178	30719	1.497	ng/ul	97
16) Anthracene	16.934	178	6446	0.422	ng/ul	96
19) Fluoranthene	18.863	202	66190	2.383	ng/ul	95
20) Pyrene	19.221	202	45998	1.531	ng/ul	97
21) Benzo(a)anthracene	20.985	228	29069	1.173	ng/ul	99
22) Chrysene	21.038	228	28883	0.913	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	42238m	1.531	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	19685m	0.600	ng/ul	
26) Benzo(a)pyrene	22.998	252	14396m	0.563	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.132	276	15239	0.364	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.135	278	4352m	0.140	ng/ul	
29) Benzo(g,h,i)perylene	25.759	276	2281	0.064	ng/ul#	63

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

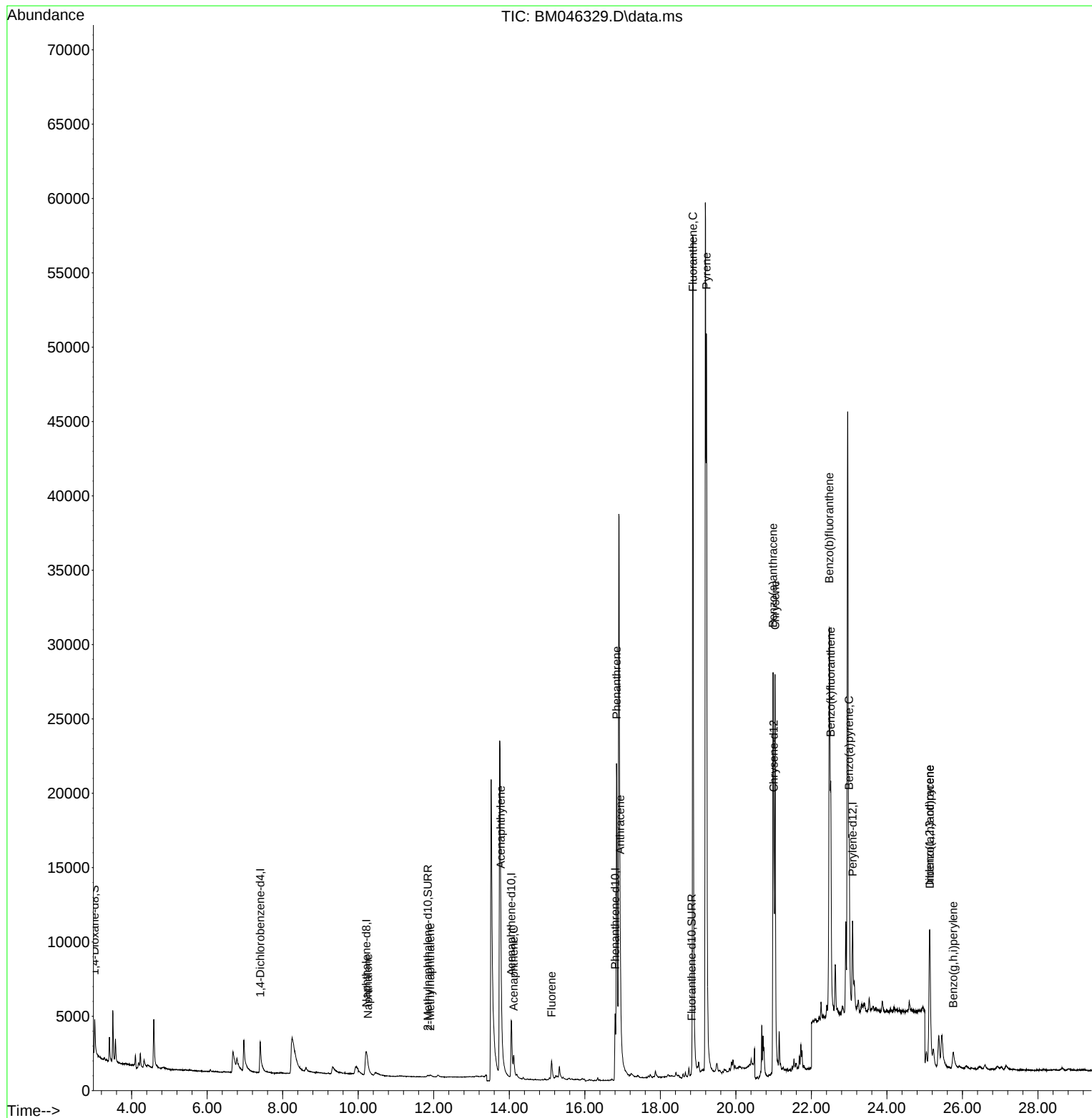
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
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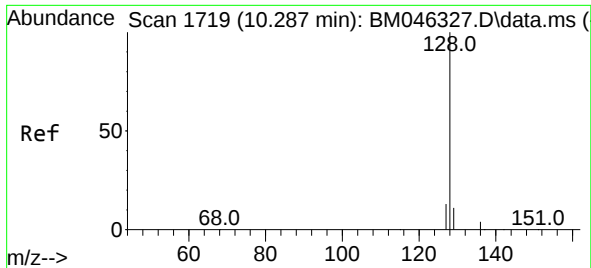
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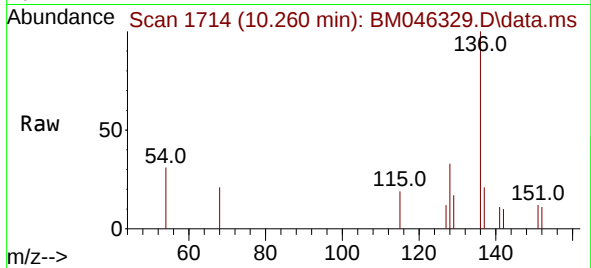
Quant Time: Jun 26 15:34:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

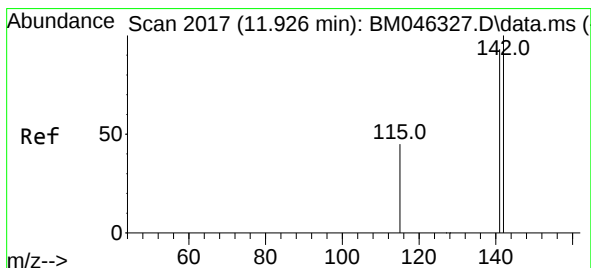
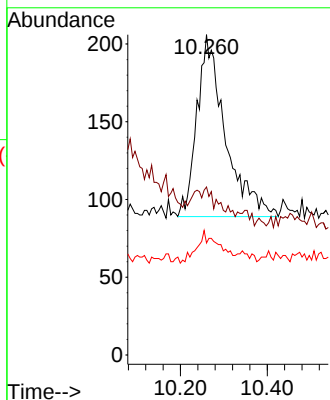
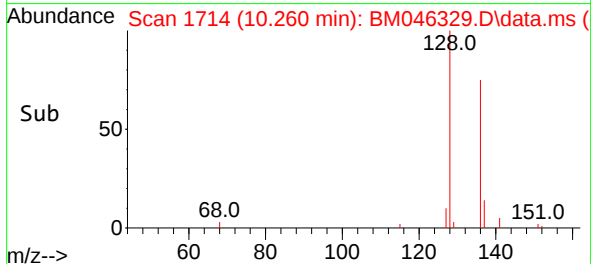
Instrument :
BNA_M
ClientSampleId :
A4B41DL



Tgt Ion:128 Resp: 531
Ion Ratio Lower Upper
128 100
129 52.4 11.8 17.6
127 35.0 12.8 19.2

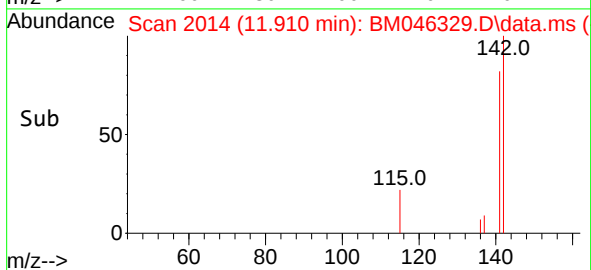
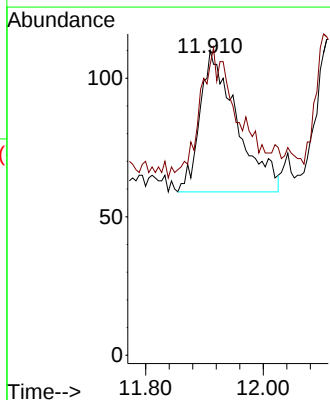
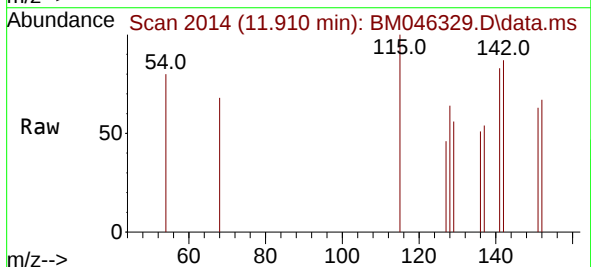
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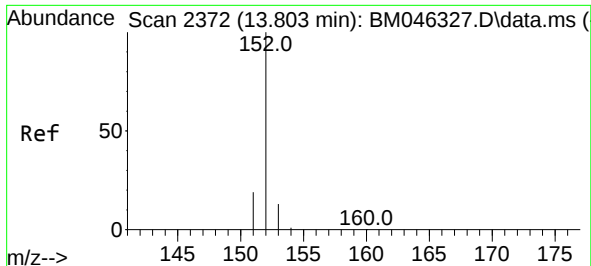
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

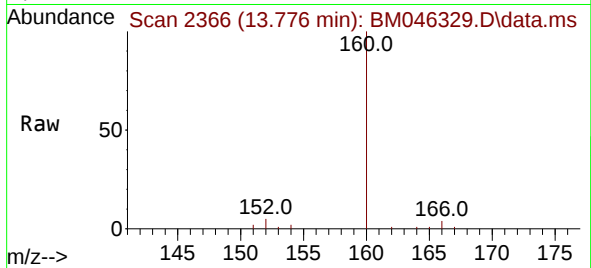
Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
141 83.9 74.6 111.8





#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.776 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

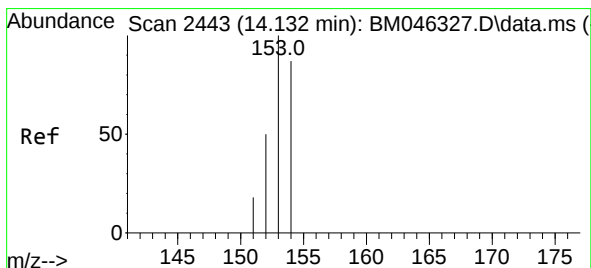
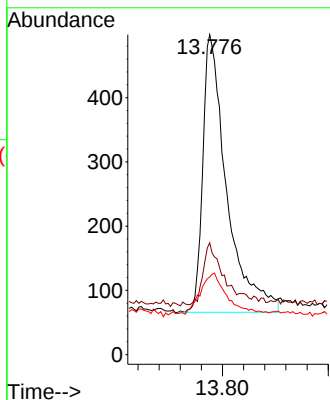
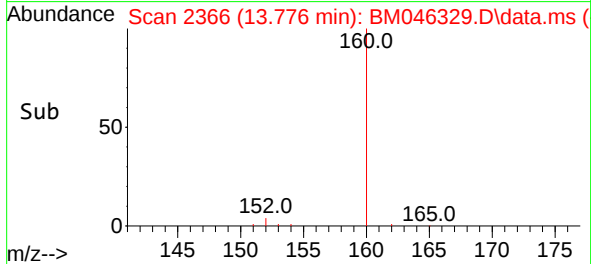
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A4B41DL



Tgt Ion:152 Resp: 135
Ion Ratio Lower Upper
152 100
151 34.9 17.4 26.2
153 24.3 11.8 17.8

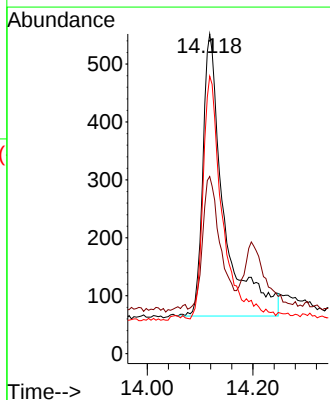
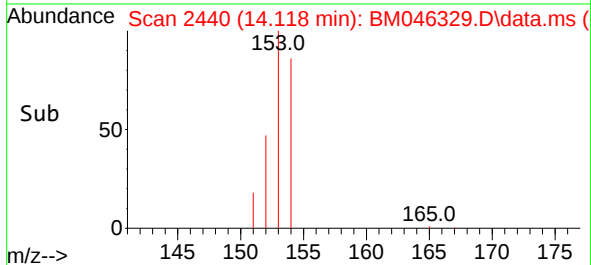
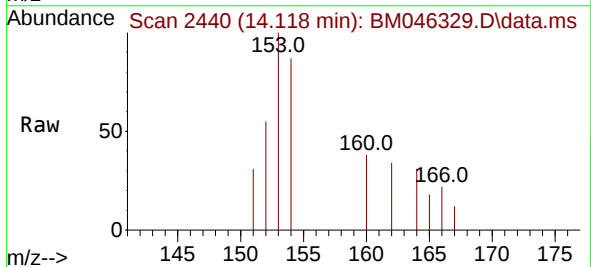
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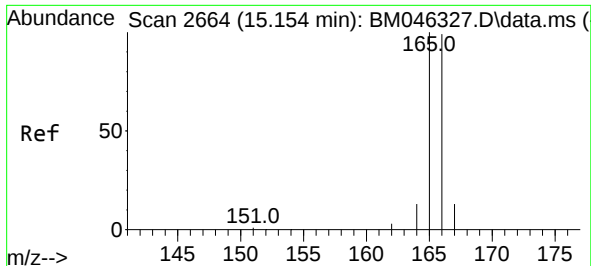
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.106 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

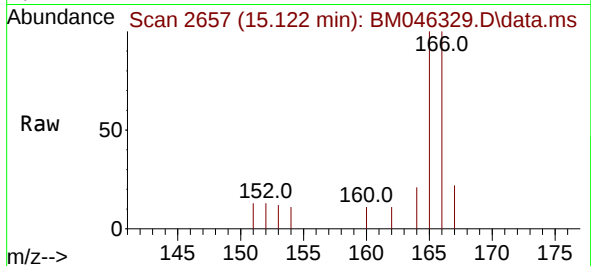
Tgt Ion:153 Resp: 1348
Ion Ratio Lower Upper
153 100
152 55.4 41.3 61.9
154 86.8 68.2 102.4





#12
Fluorene
Concen: 0.100 ng/u1
RT: 15.122 min Scan# 20657
Delta R.T. -0.028 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

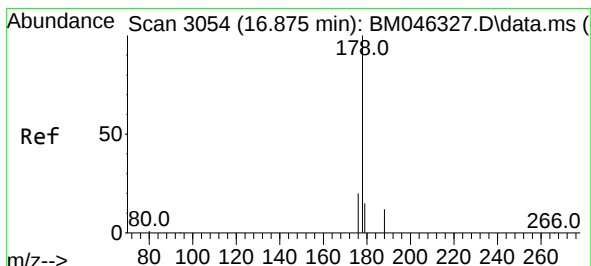
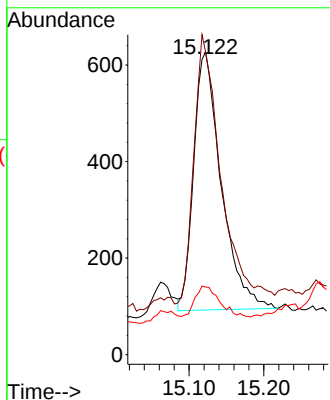
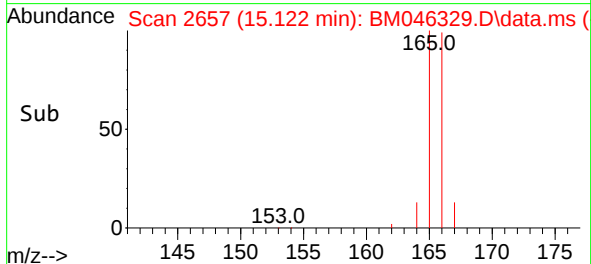
Instrument :
BNA_M
ClientSampleId :
A4B41DL



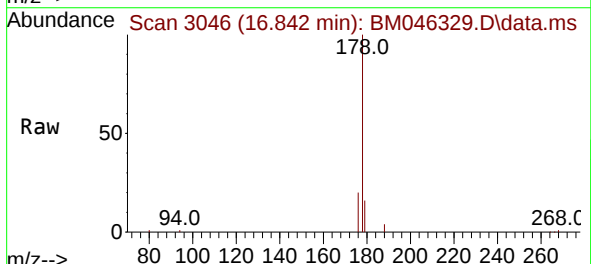
Tgt Ion:166 Resp: 1369
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 22.3 12.4 18.6

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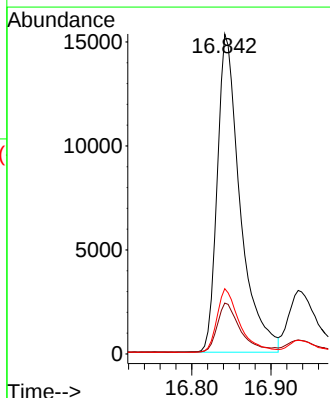
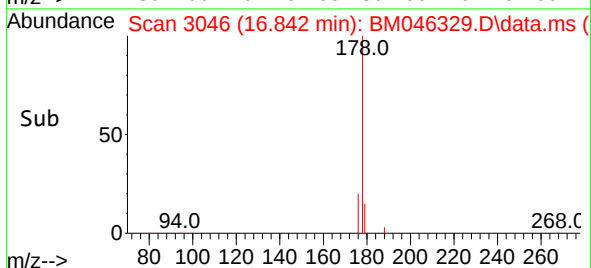
Reviewed By :Yogesh Patel 06/27/2024
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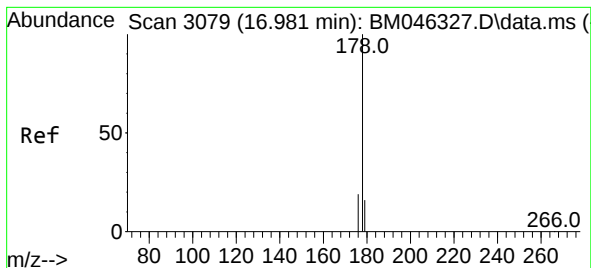


#15
Phenanthrene
Concen: 1.497 ng/u1
RT: 16.842 min Scan# 3046
Delta R.T. -0.034 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39



Tgt Ion:178 Resp: 30719
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 20.4 17.1 25.7





#16

Anthracene

Concen: 0.422 ng/ul

RT: 16.934 min Scan# 3079

Delta R.T. -0.038 min

Lab File: BM046329.D

Acq: 26 Jun 2024 14:39

Instrument :

BNA_M

ClientSampleId :

A4B41DL

Tgt Ion:178 Resp: 6440

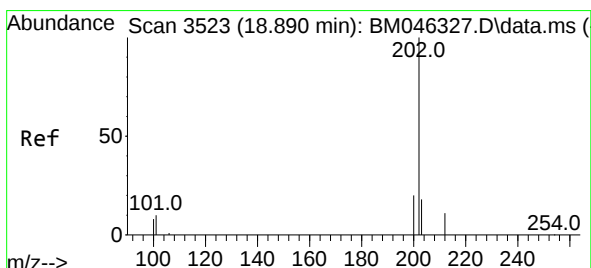
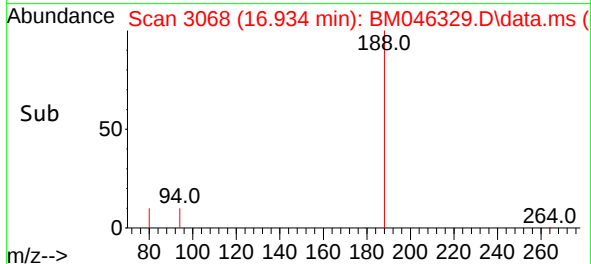
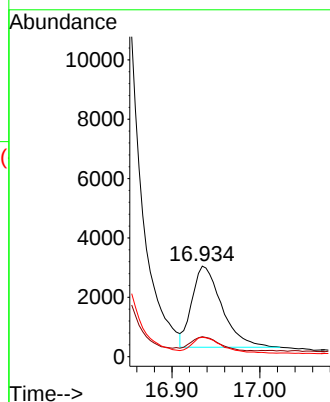
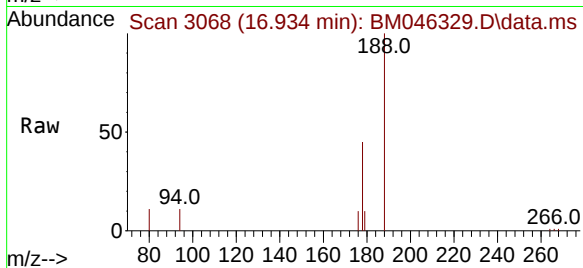
Ion	Ratio	Lower	Upper
178	100		
179	22.2	14.9	22.3
176	21.4	17.0	25.4

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#19

Fluoranthene

Concen: 2.383 ng/ul

RT: 18.863 min Scan# 3517

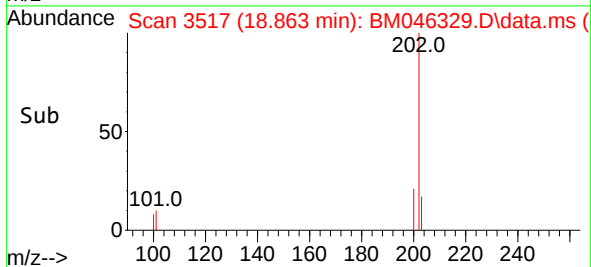
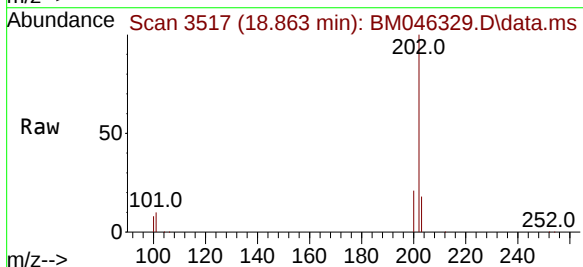
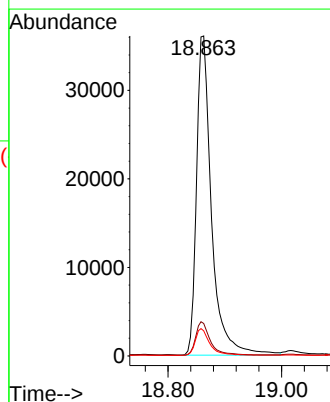
Delta R.T. -0.023 min

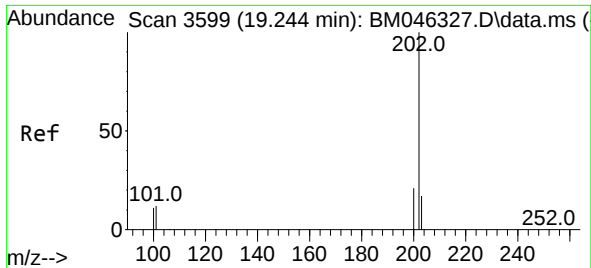
Lab File: BM046329.D

Acq: 26 Jun 2024 14:39

Tgt Ion:202 Resp: 66190

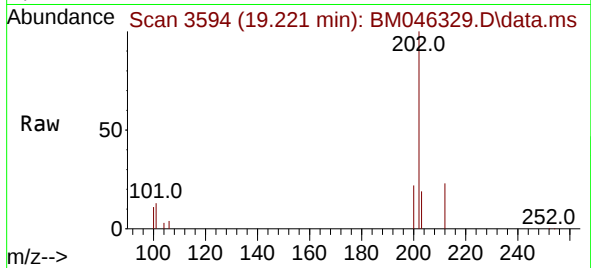
Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.6	14.4
100	7.9	7.6	11.4





#20
Pyrene
Concen: 1.531 ng/ul
RT: 19.221 min Scan# 3599
Delta R.T. -0.023 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

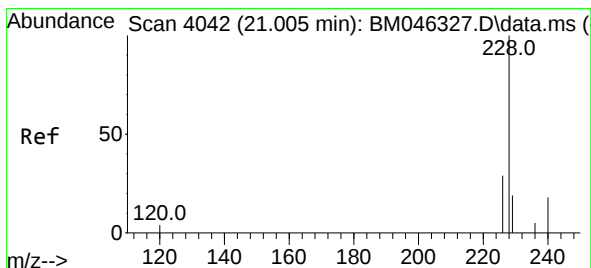
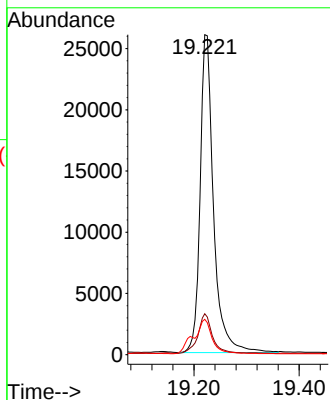
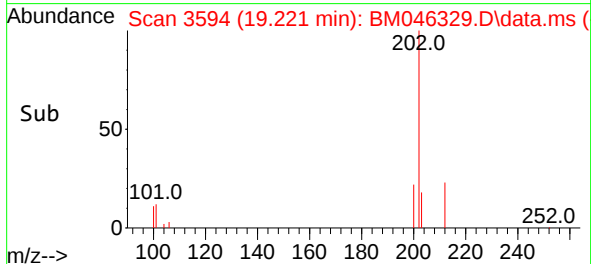
Instrument :
BNA_M
ClientSampleId :
A4B41DL



Tgt Ion:202 Resp: 45998
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 11.0 9.8 14.6

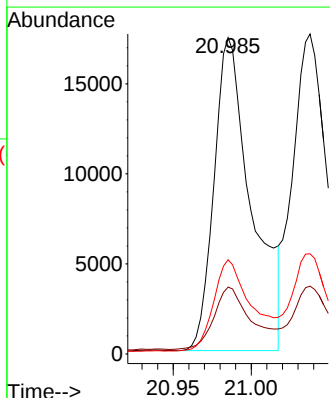
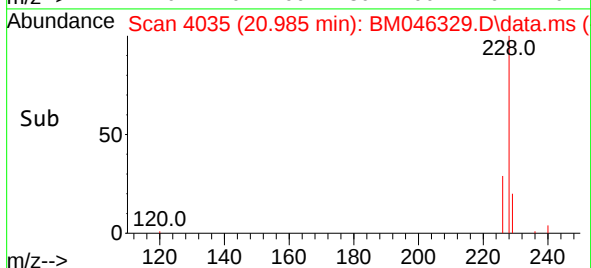
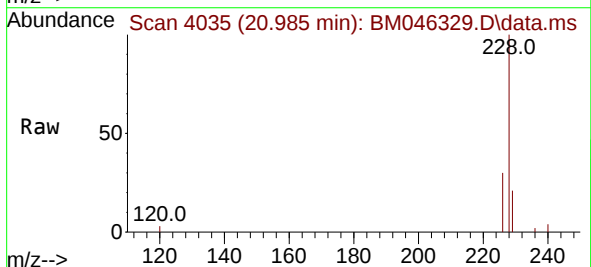
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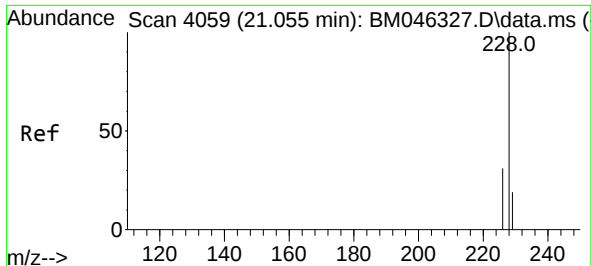
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 1.173 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.017 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

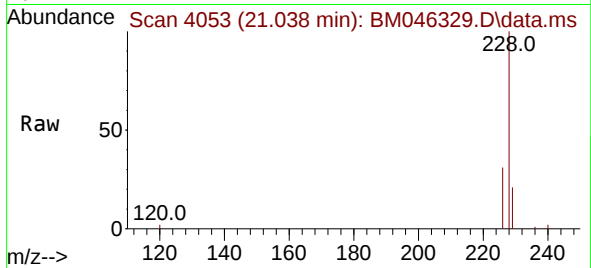
Tgt Ion:228 Resp: 29069
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 29.8 23.4 35.2





#22
Chrysene
Concen: 0.913 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.015 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

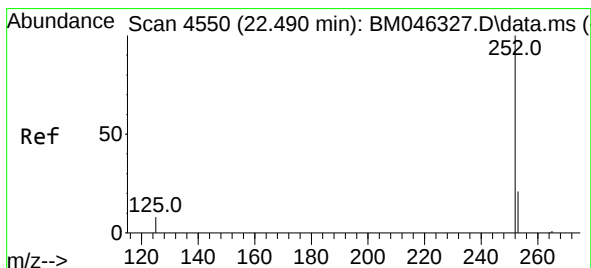
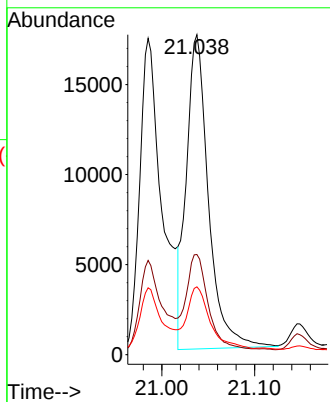
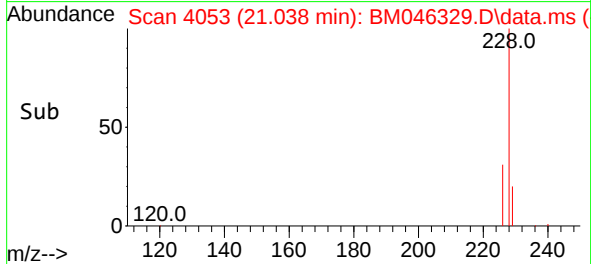
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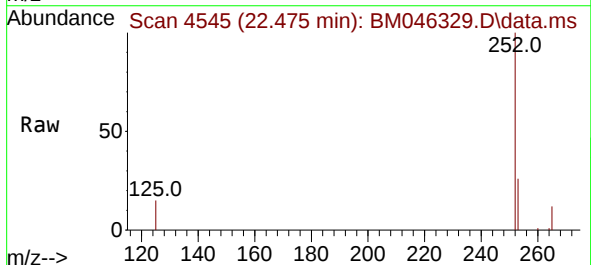
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Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.2 16.3 24.5

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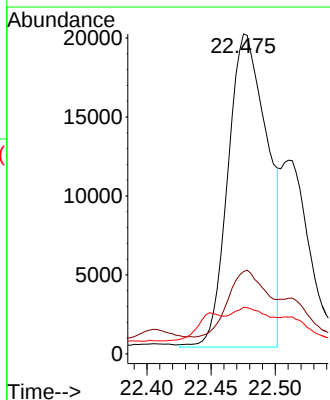
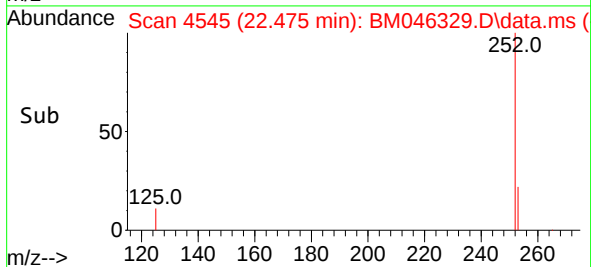
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

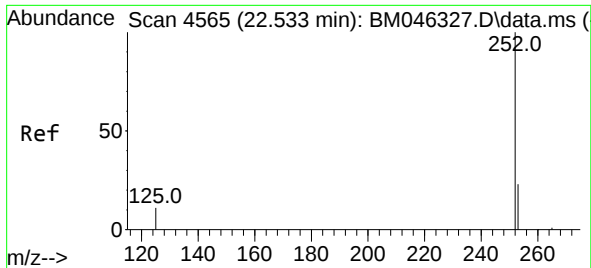


#24
Benzo(b)fluoranthene
Concen: 1.531 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.012 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39



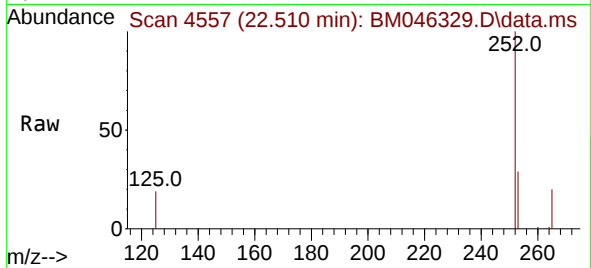
Tgt Ion:252 Resp: 42238
Ion Ratio Lower Upper
252 100
253 25.8 0.0 65.8
125 14.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.600 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.018 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

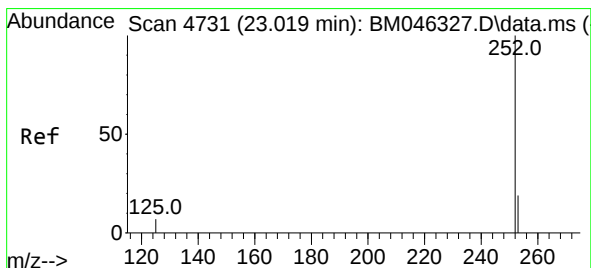
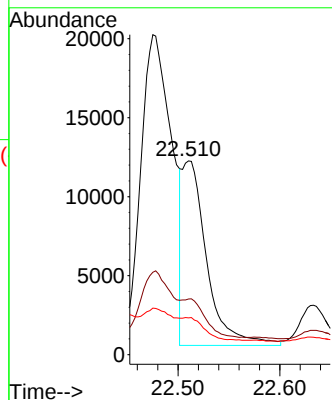
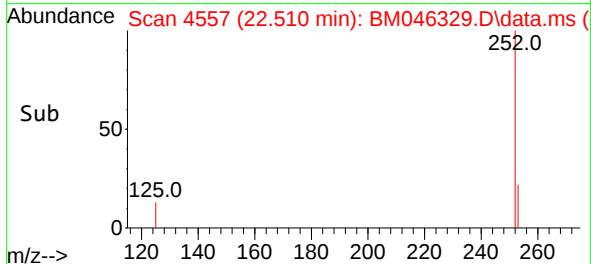
Instrument :
BNA_M
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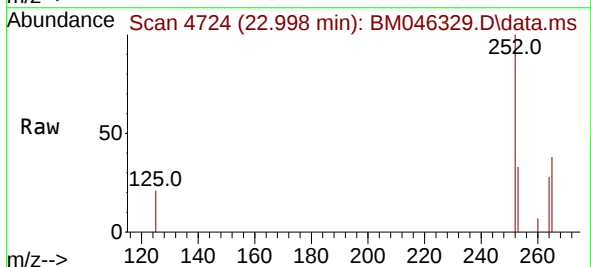
Tgt Ion:252 Resp: 1968
Ion Ratio Lower Upper
252 100
253 28.7 27.2 40.8
125 19.0 16.6 25.0

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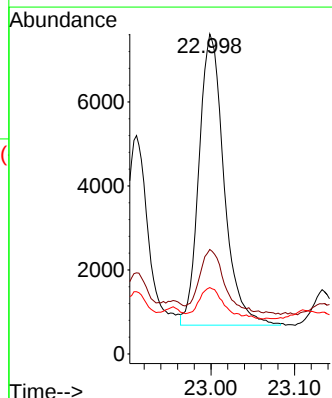
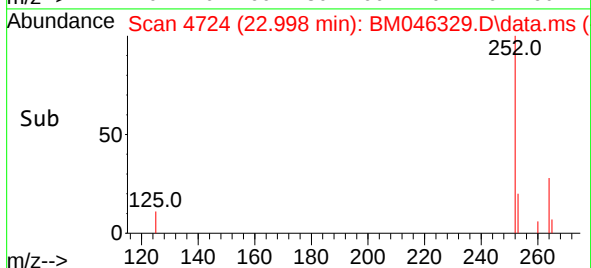
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

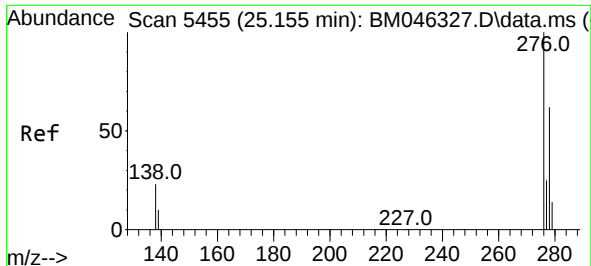


#26
Benzo(a)pyrene
Concen: 0.563 ng/ul m
RT: 22.998 min Scan# 4724
Delta R.T. -0.015 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39



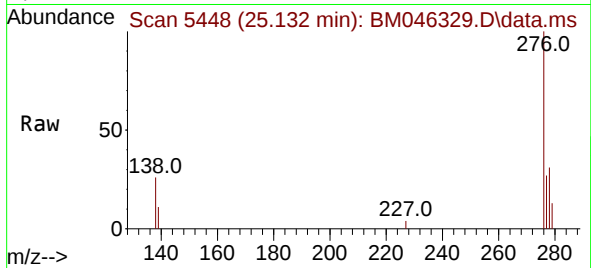
Tgt Ion:252 Resp: 14396
Ion Ratio Lower Upper
252 100
253 32.6 32.1 48.1
125 20.8 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.020 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

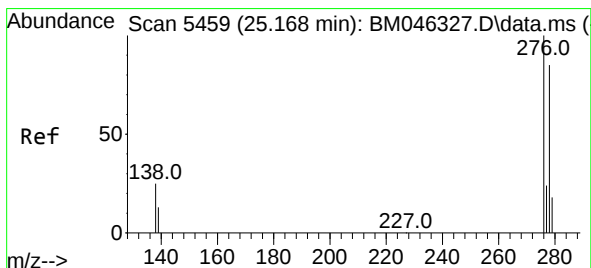
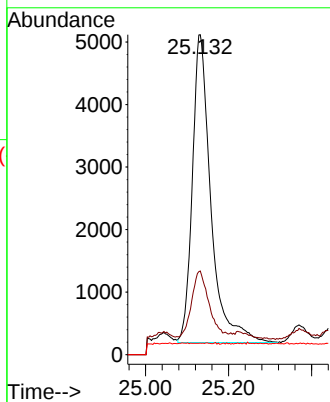
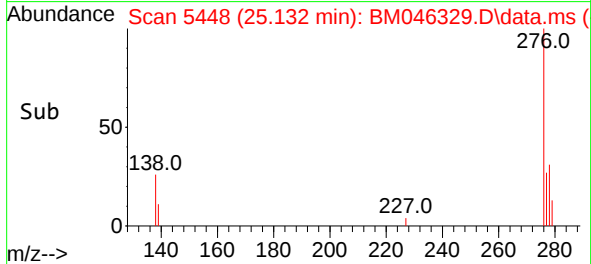
Instrument :
BNA_M
ClientSampleId :
A4B41DL



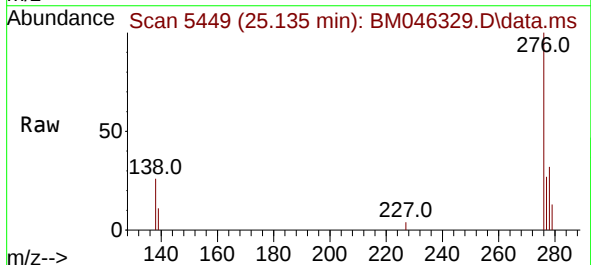
Tgt Ion:276 Resp: 15239
Ion Ratio Lower Upper
276 100
138 32.0 21.0 31.4#
227 0.0 0.0 0.0

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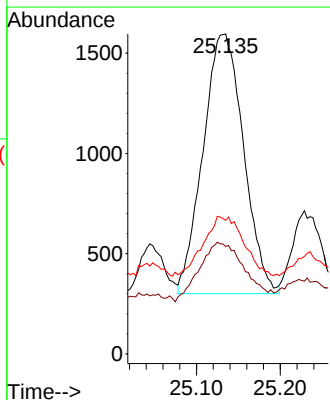
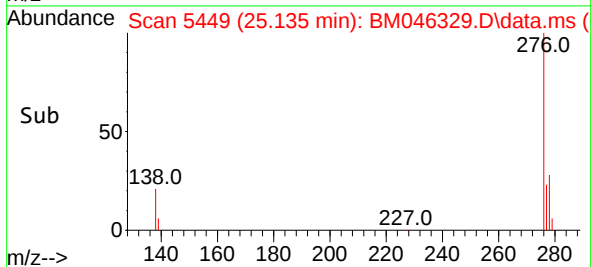
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

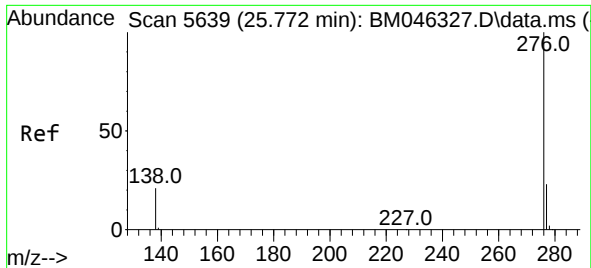


#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul m
RT: 25.135 min Scan# 5449
Delta R.T. -0.023 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39



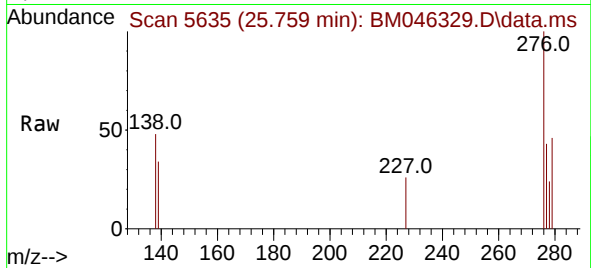
Tgt Ion:278 Resp: 4352
Ion Ratio Lower Upper
278 100
139 33.6 17.6 26.4#
279 41.7 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 25.759 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM046329.D
Acq: 26 Jun 2024 14:39

Instrument :
BNA_M
ClientSampleId :
A4B41DL



Tgt Ion: 276 Resp: 228
Ion Ratio Lower Upper
276 100
138 47.8 21.7 32.5
277 43.1 20.4 30.6

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

