

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046322.D
 Acq On : 26 Jun 2024 10:18
 Operator : MA/JU
 Sample : P2909-19
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 11:38:37 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	7.392	152	2072	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.165	136	6214	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.038	164	3701	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.785	188	9070m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	7751m	0.400	ng/ul	-0.03
23) Perylene-d12	23.081	264	8754	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	6731	2.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.788	152	1820	0.218	ng/ul	-0.06
18) Fluoranthene-d10	18.820	212	5571	0.240	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.215	128	5776	0.333	ng/ul	98
7) 2-Methylnaphthalene	11.859	142	1628	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.068	142	1207	0.113	ng/ul	96
10) Acenaphthylene	13.756	152	7975	0.454	ng/ul	100
11) Acenaphthene	14.103	153	4906	0.387	ng/ul	98
12) Fluorene	15.098	166	7130	0.524	ng/ul	99
15) Phenanthrene	16.828	178	132775m	5.210	ng/ul	
16) Anthracene	16.920	178	28013m	1.476	ng/ul	
19) Fluoranthene	18.852	202	306950	9.146	ng/ul	96
20) Pyrene	19.215	202	181765	5.008	ng/ul	96
21) Benzo(a)anthracene	20.974	228	138765	4.635	ng/ul	99
22) Chrysene	21.026	228	155486	4.069	ng/ul	99
24) Benzo(b)fluoranthene	22.467	252	224360m	7.114	ng/ul	
25) Benzo(k)fluoranthene	22.505	252	74683m	1.992	ng/ul	
26) Benzo(a)pyrene	22.990	252	60953	2.086	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.119	276	73844	1.544	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.122	278	28744	0.807	ng/ul#	86
29) Benzo(g,h,i)perylene	25.746	276	10257	0.250	ng/ul#	83

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

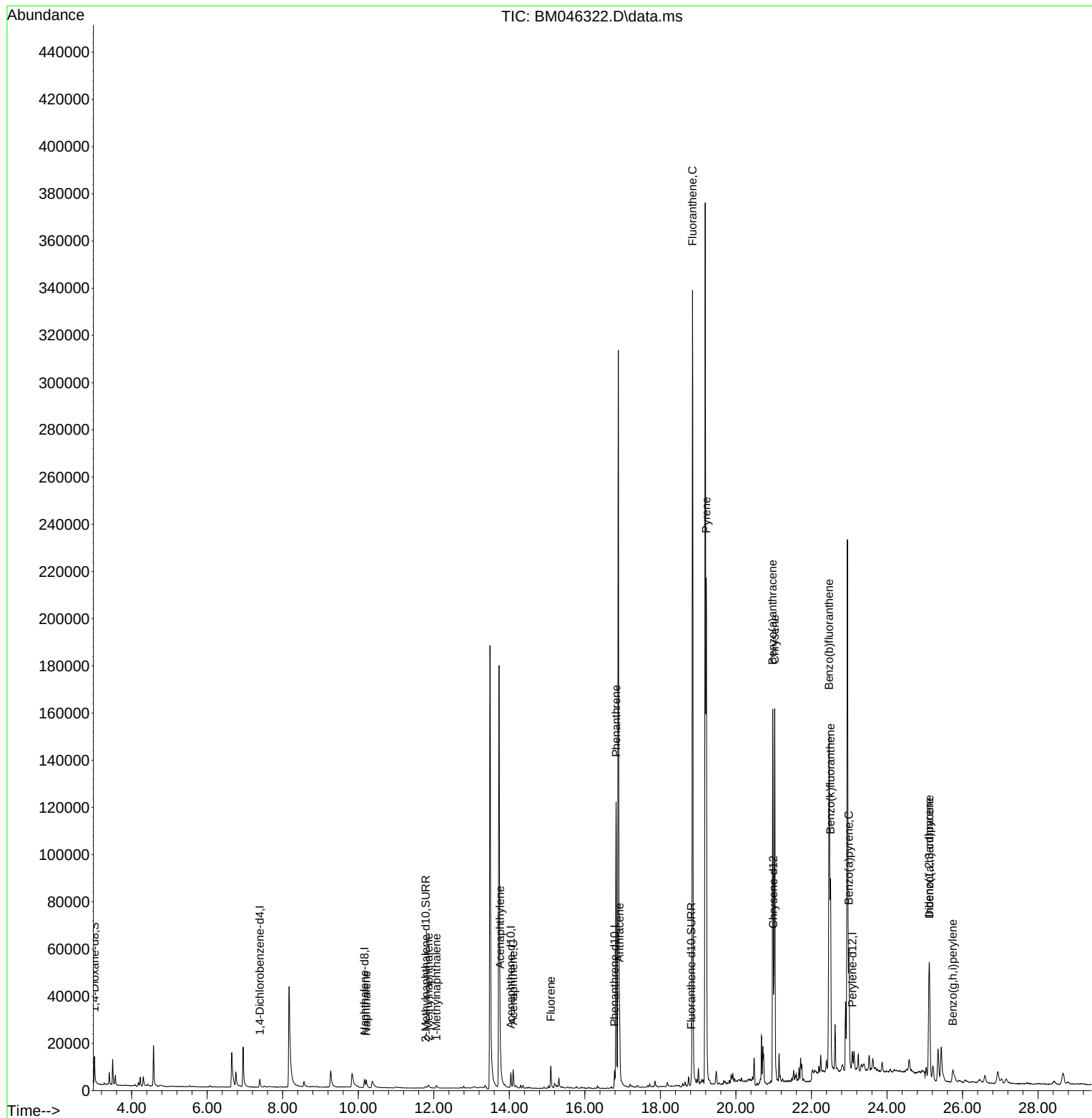
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046322.D
Acq On : 26 Jun 2024 10:18
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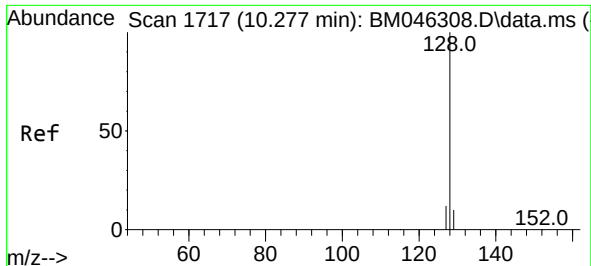
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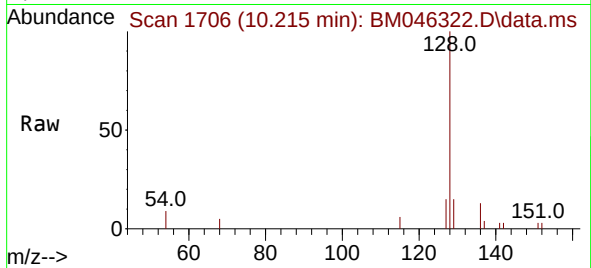
Quant Time: Jun 26 11:38:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.215 min Scan# 1717
Delta R.T. -0.062 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

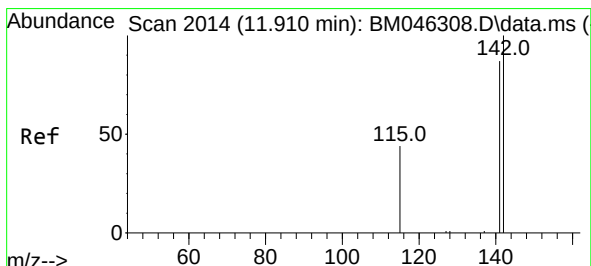
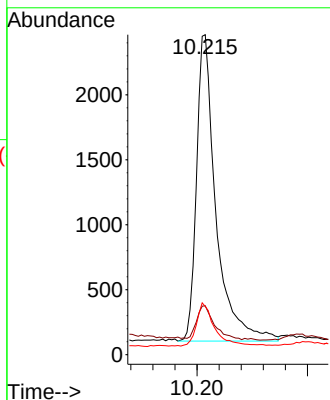
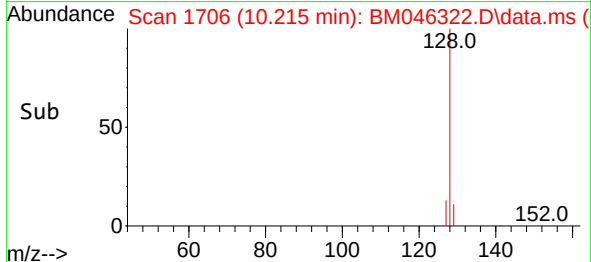
Instrument :
BNA_M
ClientSampleId :
A4B42



Tgt Ion:128 Resp: 5770
Ion Ratio Lower Upper
128 100
129 15.3 11.8 17.6
127 15.1 12.8 19.2

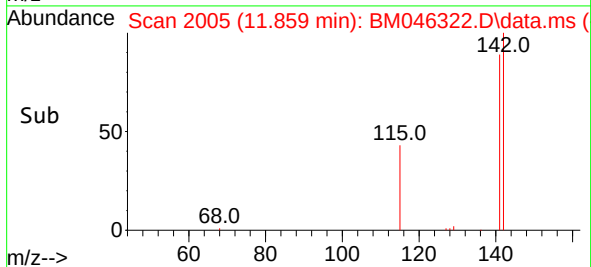
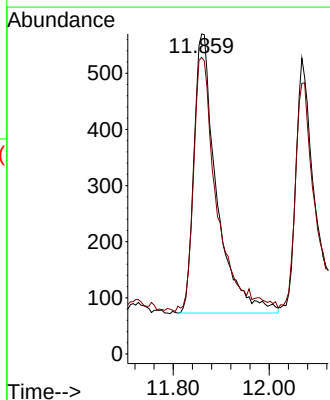
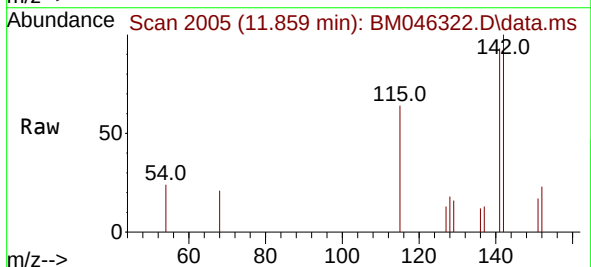
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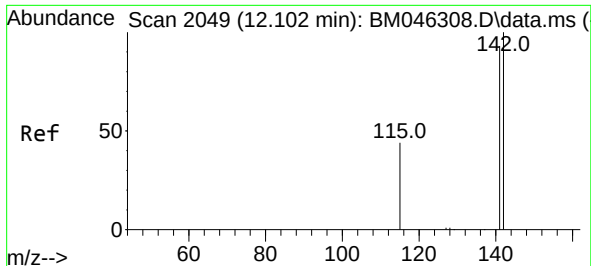
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 11.859 min Scan# 2005
Delta R.T. -0.051 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

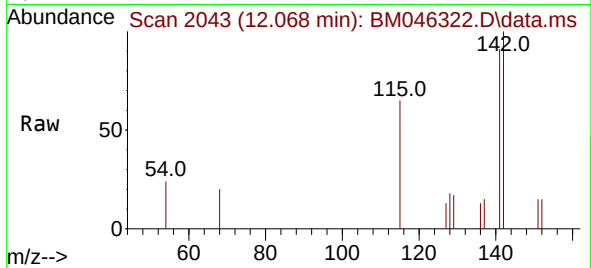
Tgt Ion:142 Resp: 1628
Ion Ratio Lower Upper
142 100
141 94.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.068 min Scan# 2049
Delta R.T. -0.034 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

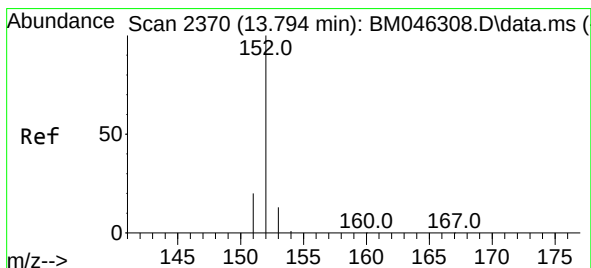
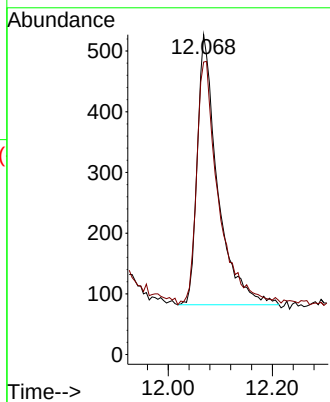
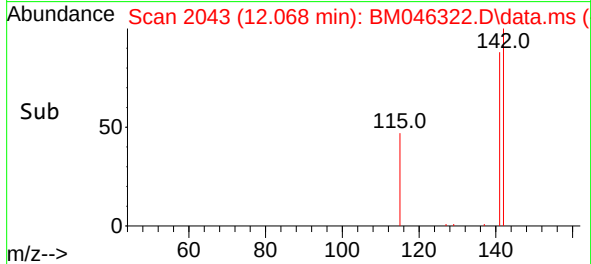
Instrument :
BNA_M
ClientSampleId :
A4B42



Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
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141 97.7 75.2 112.8

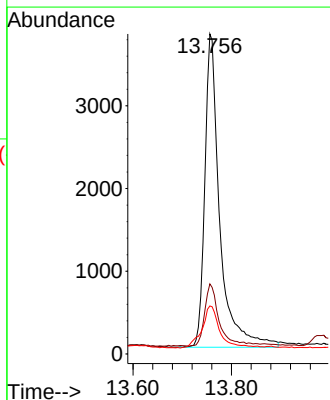
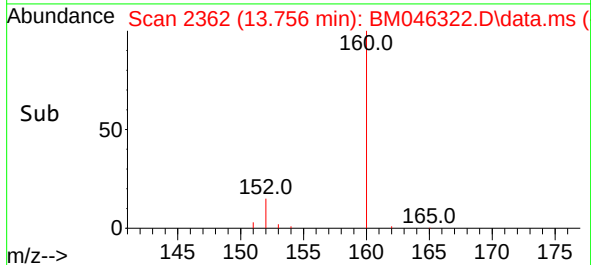
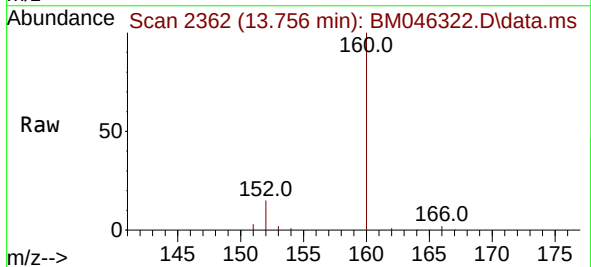
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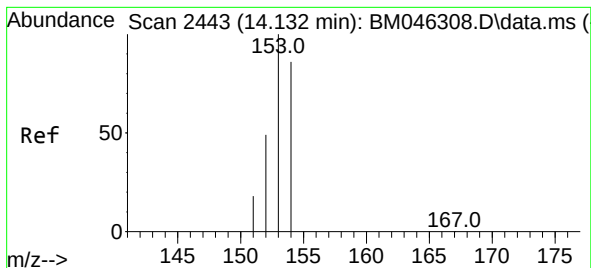
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 13.756 min Scan# 2362
Delta R.T. -0.038 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

Tgt Ion:152 Resp: 7975
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 15.0 11.8 17.8





#11

Acenaphthene

Concen: 0.387 ng/ul

RT: 14.103 min Scan# 2443

Delta R.T. -0.029 min

Lab File: BM046322.D

Acq: 26 Jun 2024 10:18

Instrument :

BNA_M

ClientSampleId :

A4B42

Tgt Ion:153 Resp: 4900

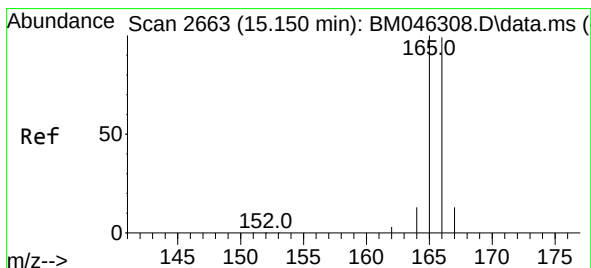
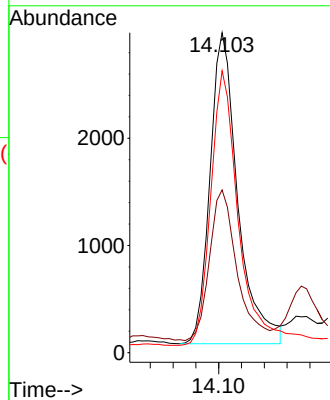
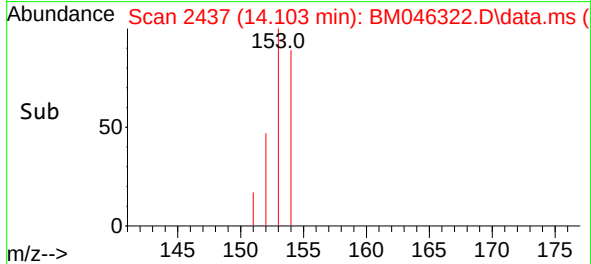
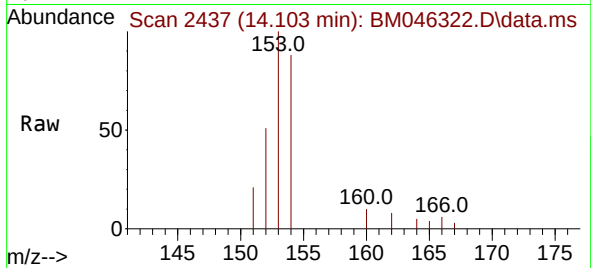
Ion	Ratio	Lower	Upper
153	100		
152	50.8	41.3	61.9
154	88.1	68.2	102.4

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#12

Fluorene

Concen: 0.524 ng/ul

RT: 15.098 min Scan# 2652

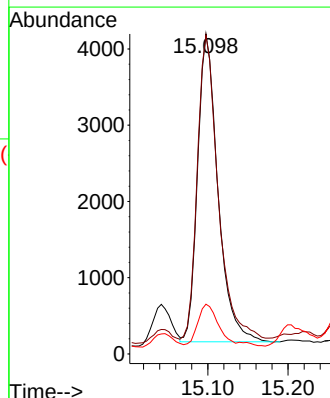
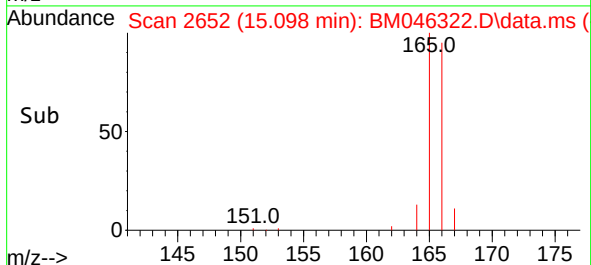
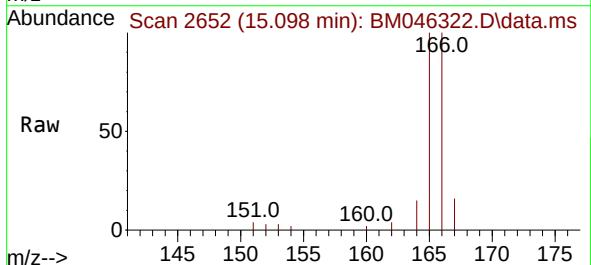
Delta R.T. -0.052 min

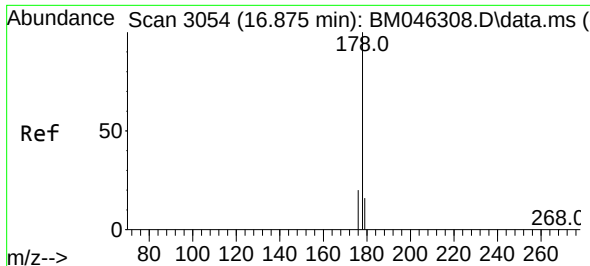
Lab File: BM046322.D

Acq: 26 Jun 2024 10:18

Tgt Ion:166 Resp: 7130

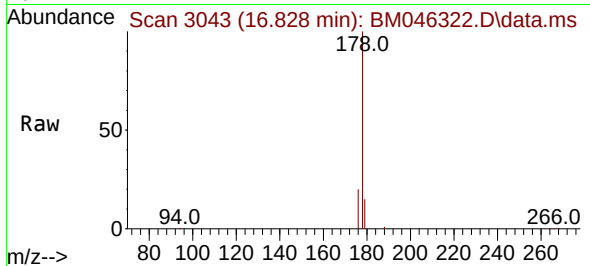
Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.4	120.6
167	15.5	12.4	18.6





#15
Phenanthrene
Concen: 5.210 ng/ul m
RT: 16.828 min Scan# 3043
Delta R.T. -0.048 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

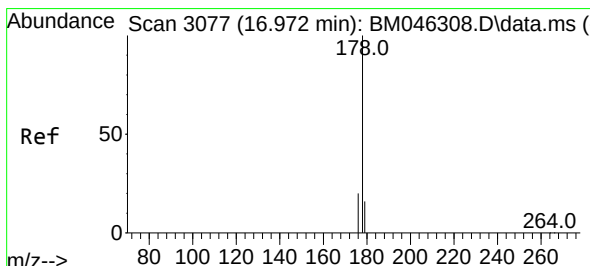
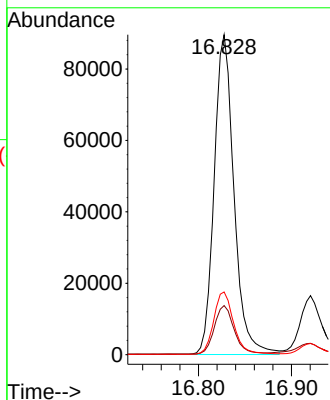
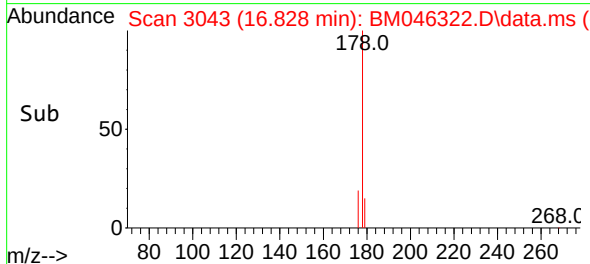
Instrument :
BNA_M
ClientSampleId :
A4B42



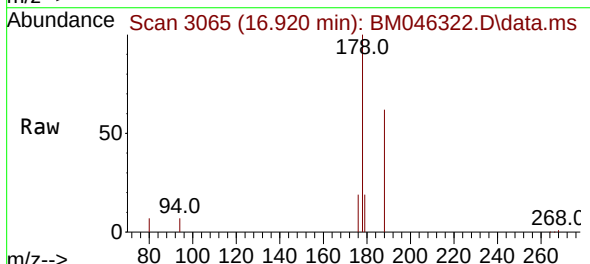
Tgt Ion:178 Resp: 132775
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.6 17.1 25.7

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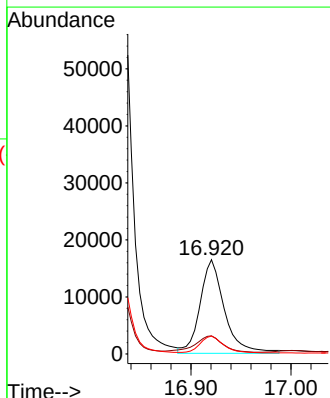
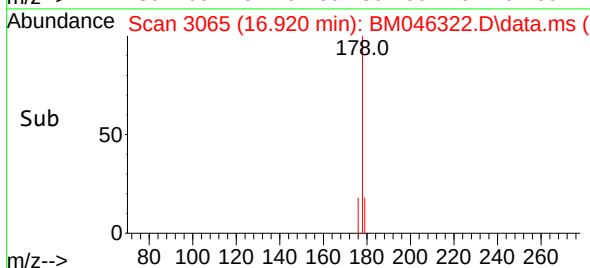
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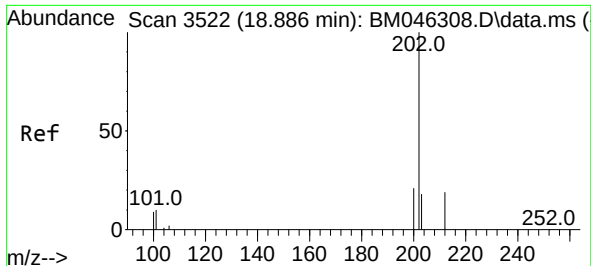


#16
Anthracene
Concen: 1.476 ng/ul m
RT: 16.920 min Scan# 3065
Delta R.T. -0.052 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18



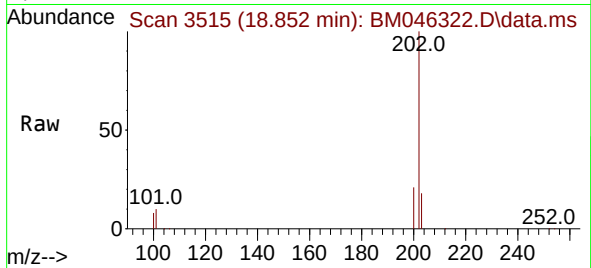
Tgt Ion:178 Resp: 28013
Ion Ratio Lower Upper
178 100
179 19.1 14.9 22.3
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 9.146 ng/u1
RT: 18.852 min Scan# 3515
Delta R.T. -0.034 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

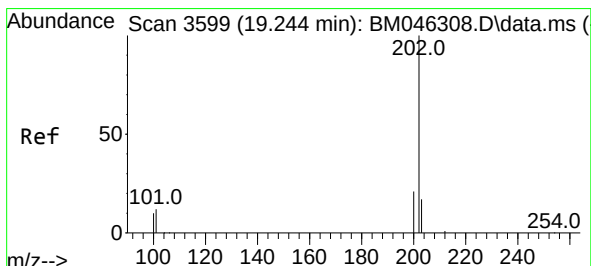
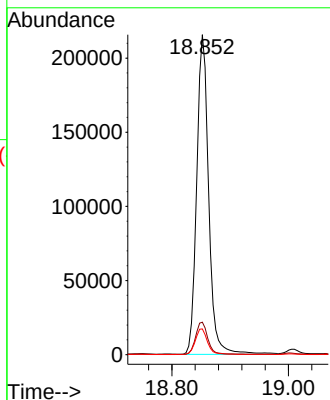
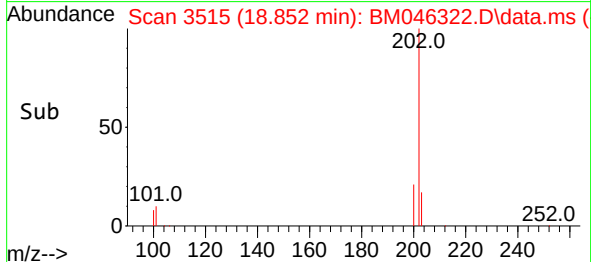
Instrument :
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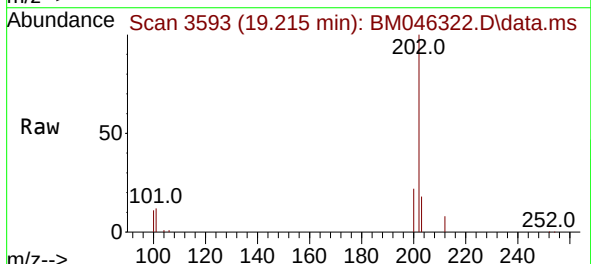
Tgt Ion:202 Resp: 306950
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 8.0 7.6 11.4

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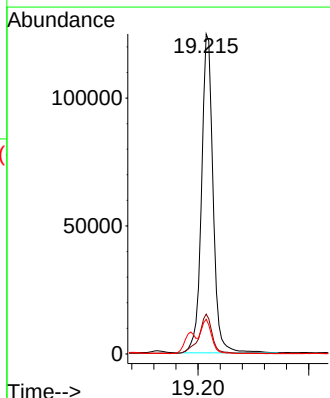
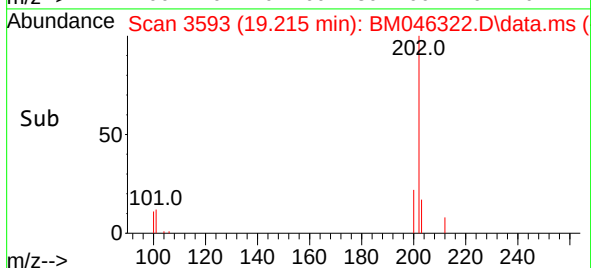
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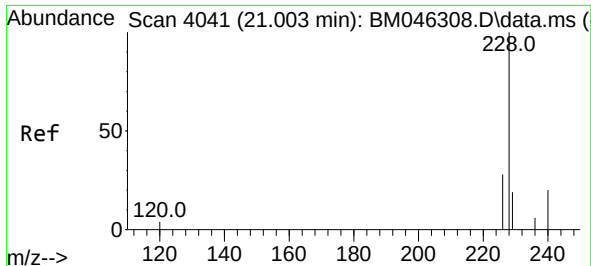


#20
Pyrene
Concen: 5.008 ng/u1
RT: 19.215 min Scan# 3593
Delta R.T. -0.029 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18



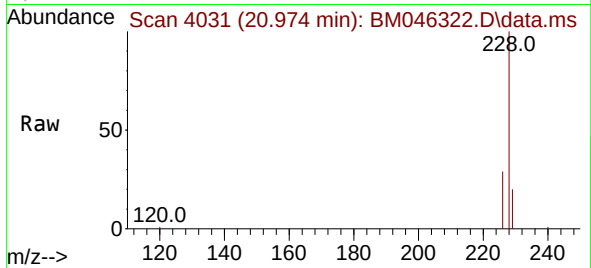
Tgt Ion:202 Resp: 181765
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.635 ng/ul
RT: 20.974 min Scan# 4031
Delta R.T. -0.029 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

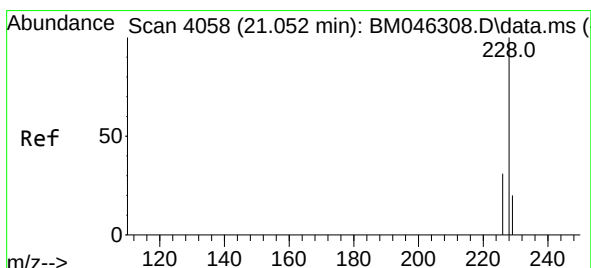
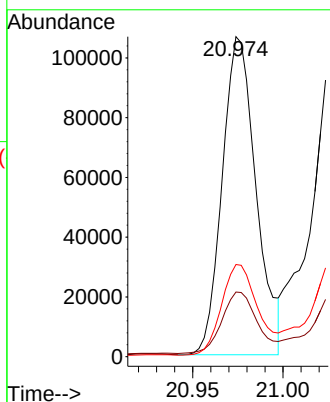
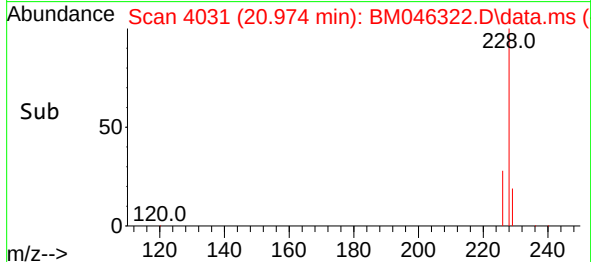
Instrument :
BNA_M
ClientSampleId :
A4B42



Tgt Ion:228 Resp: 13876
Ion Ratio Lower Upper
228 100
229 20.2 16.4 24.6
226 28.8 23.4 35.2

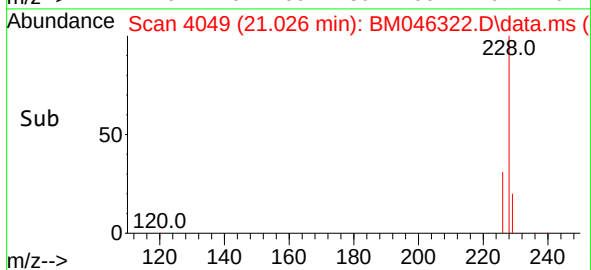
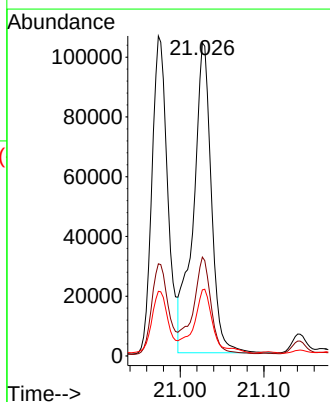
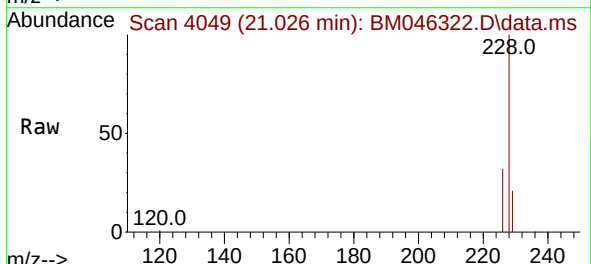
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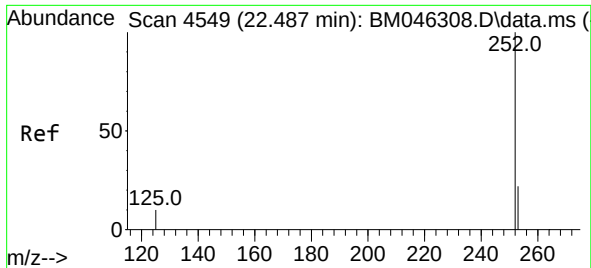
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 4.069 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.026 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

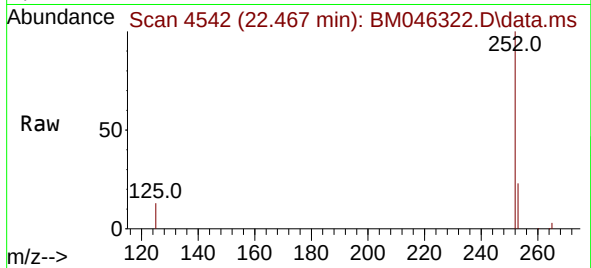
Tgt Ion:228 Resp: 155486
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 7.114 ng/ul m
RT: 22.467 min Scan# 4542
Delta R.T. -0.020 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

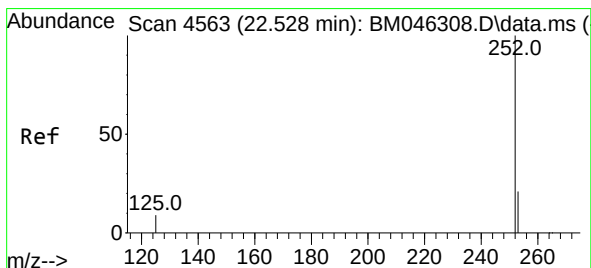
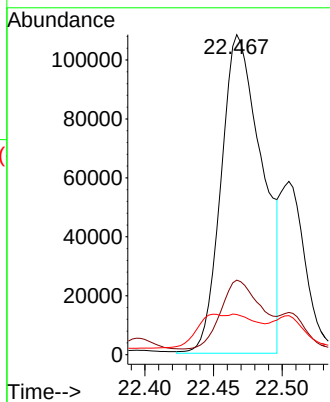
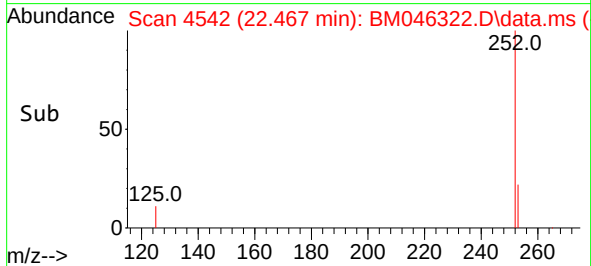
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 224360
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 12.5 0.0 40.2

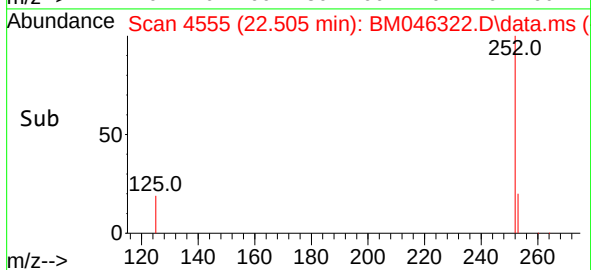
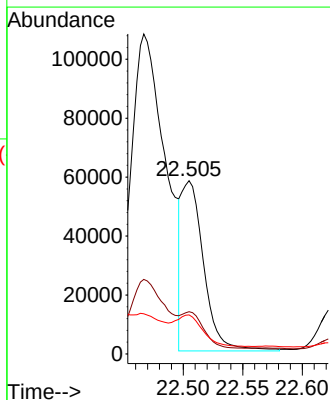
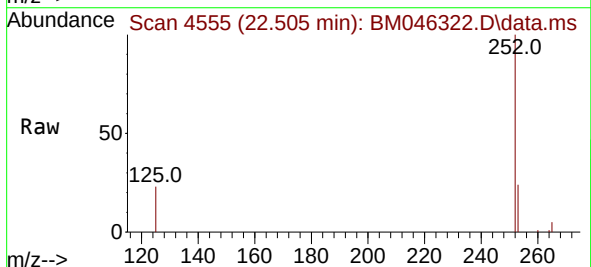
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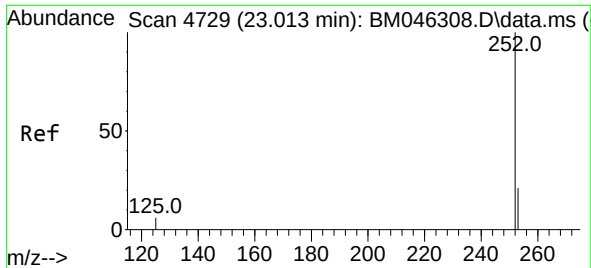
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.992 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.023 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

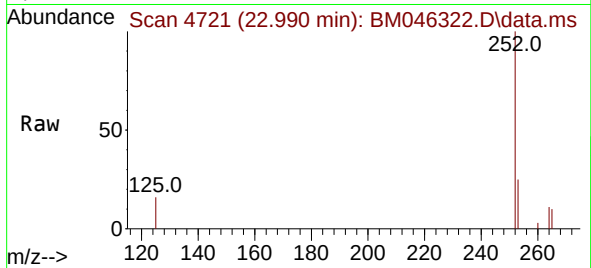
Tgt Ion:252 Resp: 74683
Ion Ratio Lower Upper
252 100
253 24.4 27.2 40.8#
125 22.5 16.6 25.0





#26
Benzo(a)pyrene
Concen: 2.086 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.023 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

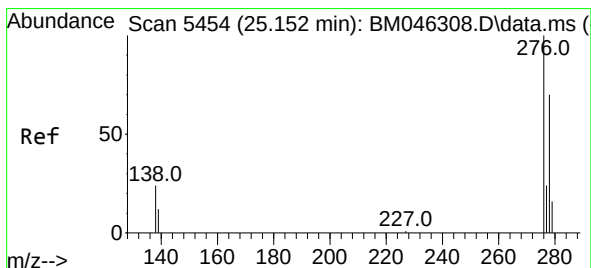
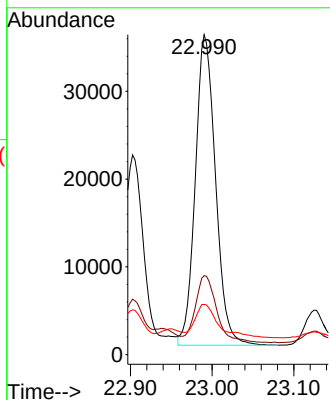
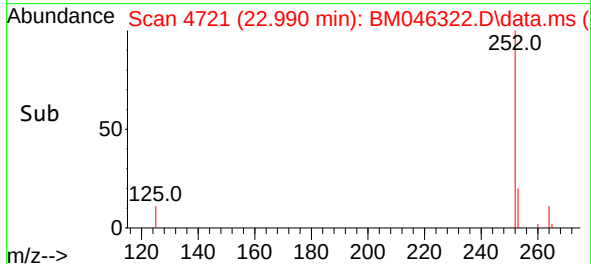
Instrument :
BNA_M
ClientSampleId :
A4B42



Tgt Ion:252 Resp: 6095
Ion Ratio Lower Upper
252 100
253 24.7 32.1 48.1
125 15.7 21.2 31.8

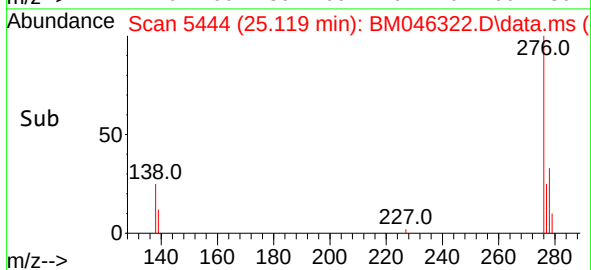
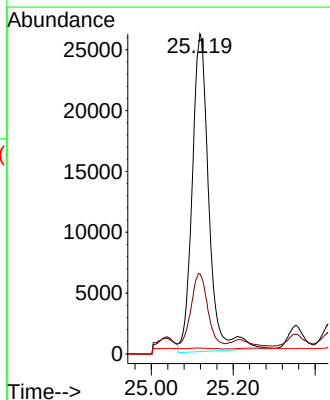
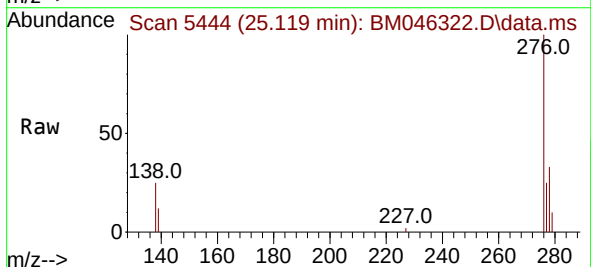
Manual Integrations
APPROVED

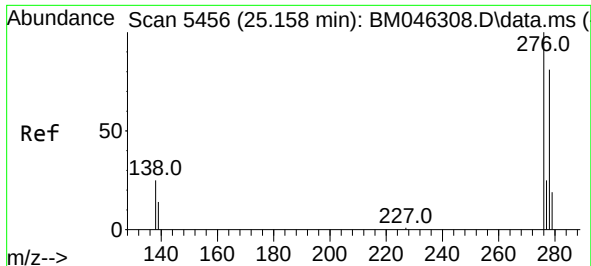
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.544 ng/ul
RT: 25.119 min Scan# 5444
Delta R.T. -0.033 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

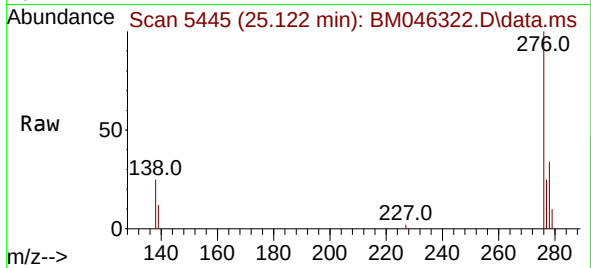
Tgt Ion:276 Resp: 73844
Ion Ratio Lower Upper
276 100
138 29.1 21.0 31.4
227 11.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.807 ng/ul
RT: 25.122 min Scan# 5456
Delta R.T. -0.036 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18

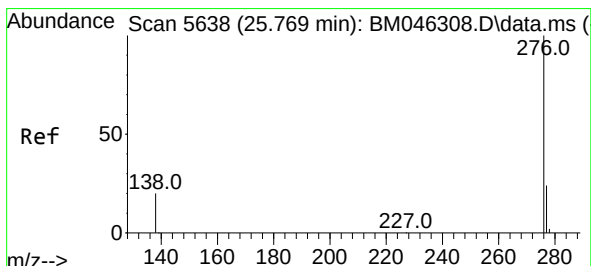
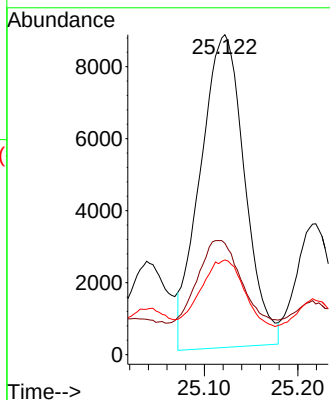
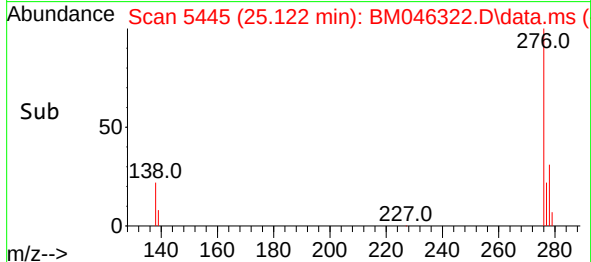
Instrument :
BNA_M
ClientSampleId :
A4B42



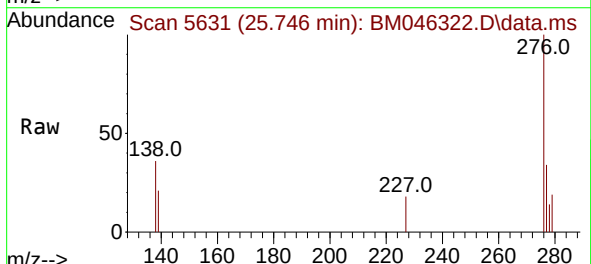
Tgt Ion:278 Resp: 28744
Ion Ratio Lower Upper
278 100
139 34.8 17.6 26.4#
279 29.6 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.250 ng/ul
RT: 25.746 min Scan# 5631
Delta R.T. -0.023 min
Lab File: BM046322.D
Acq: 26 Jun 2024 10:18



Tgt Ion:276 Resp: 10257
Ion Ratio Lower Upper
276 100
138 35.9 21.7 32.5#
277 34.4 20.4 30.6#

