

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045557.D
 Acq On : 25 Apr 2024 10:10
 Operator : MA/JU
 Sample : P2104-02DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 11:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	840	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	2377	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1174	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2397	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	2275	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	3327	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	853	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	145	0.046	ng/ul	0.02
18) Fluoranthene-d10	19.006	212	337	0.047	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	221	0.035	ng/ul#	35
7) 2-Methylnaphthalene	12.019	142	108	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.228	142	90	0.022	ng/ul	99
10) Acenaphthylene	13.923	152	374	0.065	ng/ul#	64
11) Acenaphthene	14.265	153	314	0.073	ng/ul	92
12) Fluorene	15.269	166	449	0.098	ng/ul#	93
15) Phenanthrene	17.005	178	9846	1.410	ng/ul	93
16) Anthracene	17.102	178	1290	0.198	ng/ul	95
19) Fluoranthene	19.034	202	27814	2.649	ng/ul#	90
20) Pyrene	19.401	202	25261	2.341	ng/ul#	90
21) Benzo(a)anthracene	21.164	228	10366	1.425	ng/ul	96
22) Chrysene	21.214	228	13760	1.231	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	26873	2.401	ng/ul	88
25) Benzo(k)fluoranthene	22.754	252	9948m	0.704	ng/ul	
26) Benzo(a)pyrene	23.268	252	17891	1.541	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.545	276	19975	1.184	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.555	278	3692	0.276	ng/ul#	88
29) Benzo(g,h,i)perylene	26.209	276	19893	1.312	ng/ul	94

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

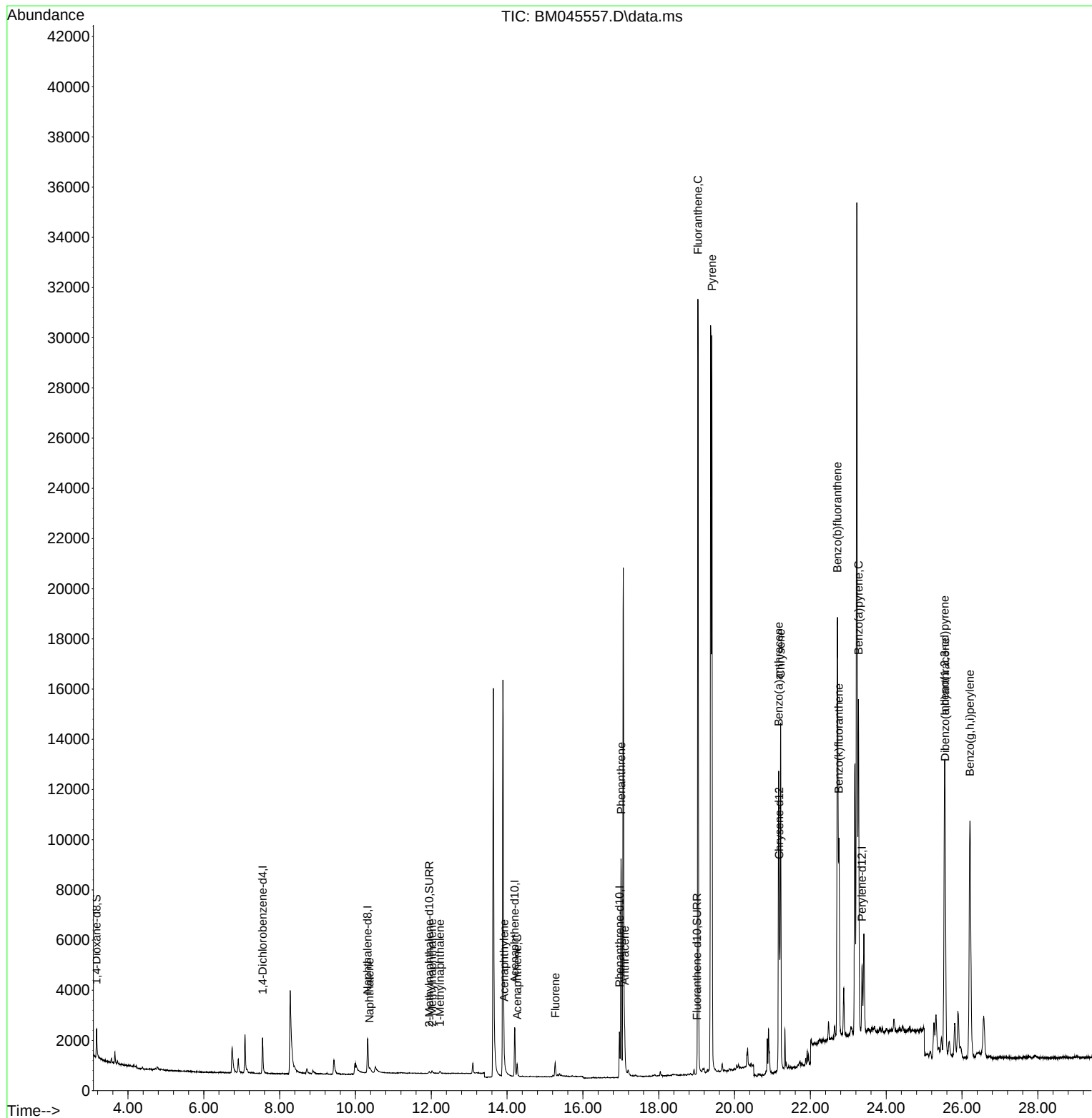
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045557.D
Acq On : 25 Apr 2024 10:10
Operator : MA/JU
Sample : P2104-02DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

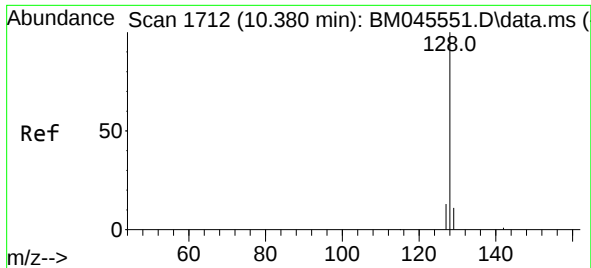
Instrument :
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ClientSampleId :
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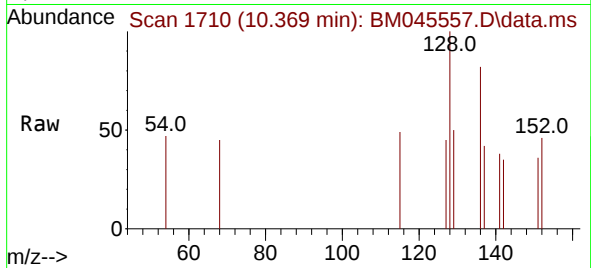
Quant Time: Apr 25 11:46:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

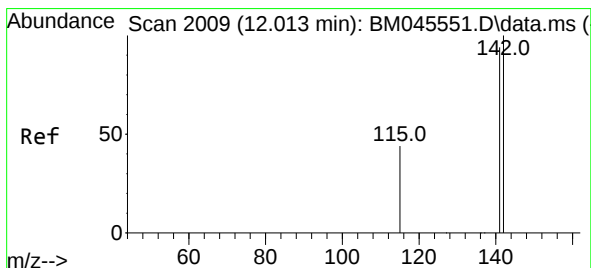
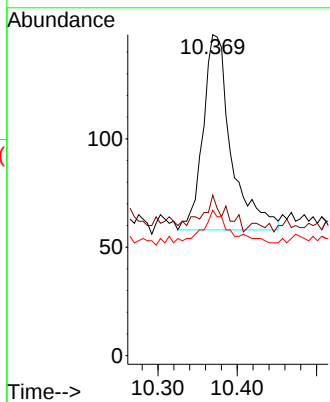
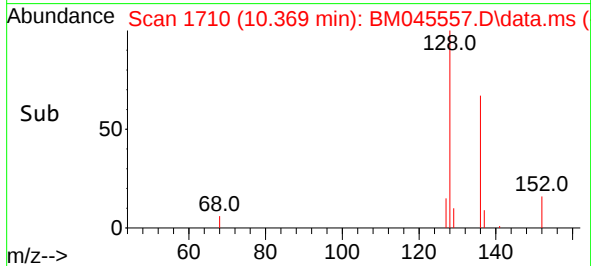
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



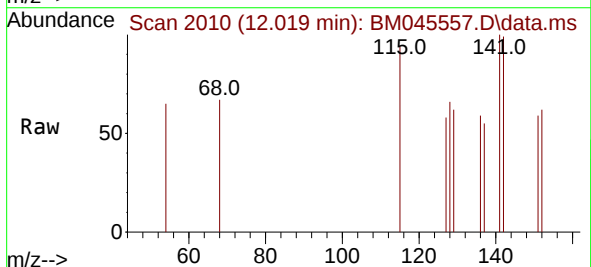
Tgt Ion:128 Resp: 22.0
Ion Ratio Lower Upper
128 100
129 50.0 14.0 21.0
127 45.3 15.4 23.2

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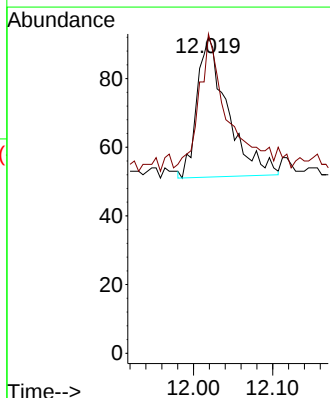
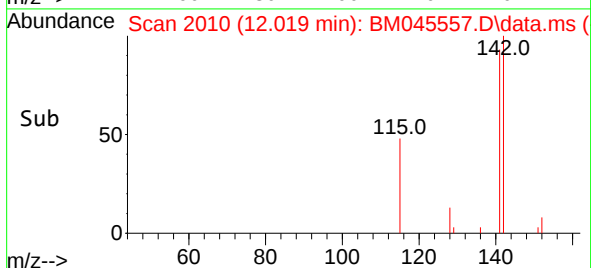
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

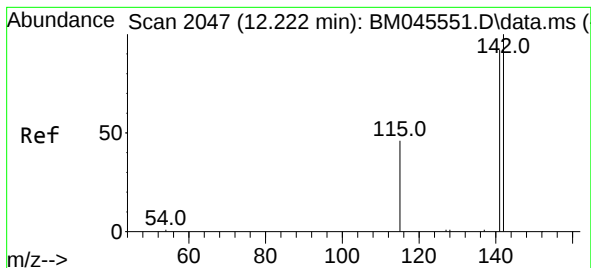


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10



Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
141 90.7 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.228 min Scan# 2047

Delta R.T. 0.006 min

Lab File: BM045557.D

Acq: 25 Apr 2024 10:10

Instrument :

BNA_M

ClientSampleId :

C0AA3DL

Tgt Ion:142 Resp: 90

Ion Ratio Lower Upper

142 100

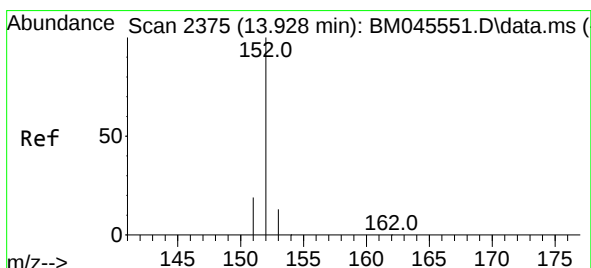
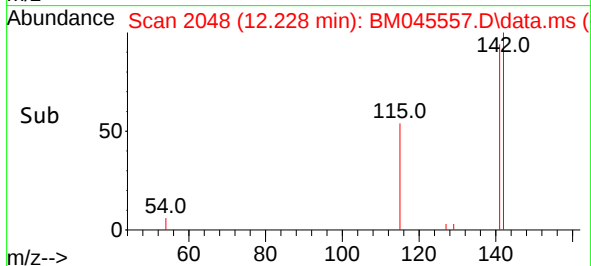
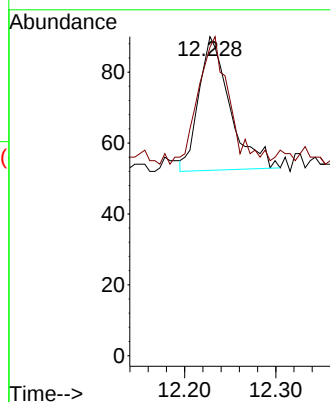
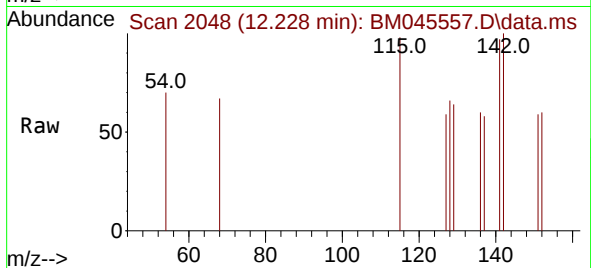
141 94.4 76.1 114.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.065 ng/ul

RT: 13.923 min Scan# 2374

Delta R.T. -0.004 min

Lab File: BM045557.D

Acq: 25 Apr 2024 10:10

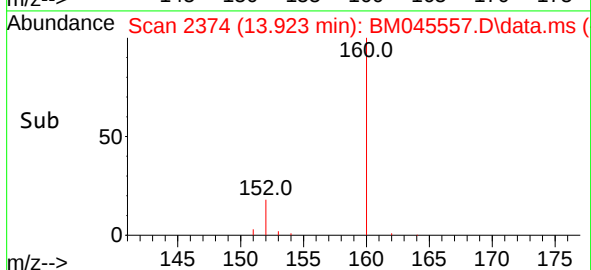
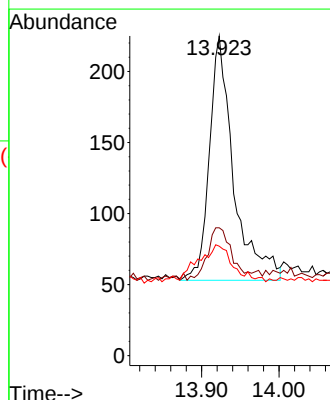
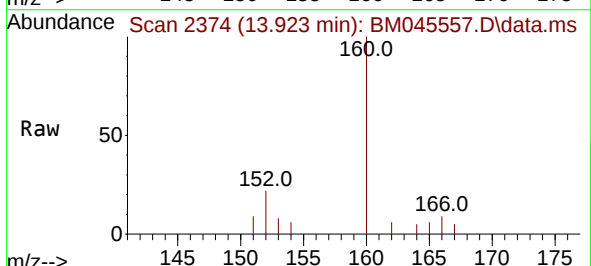
Tgt Ion:152 Resp: 374

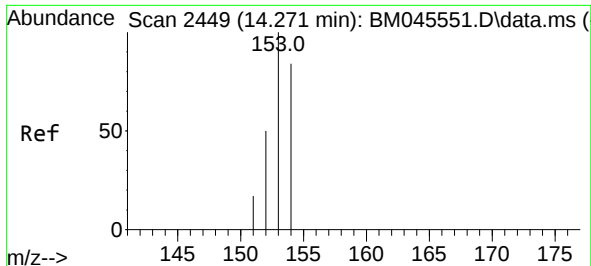
Ion Ratio Lower Upper

152 100

151 40.0 18.6 28.0#

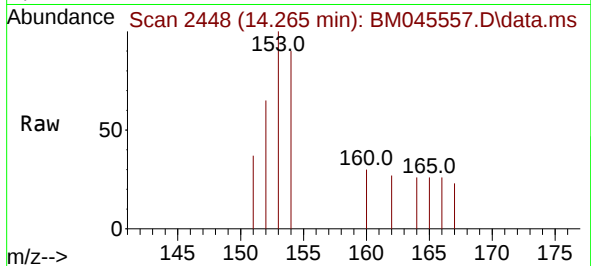
153 34.2 14.1 21.1#





#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.265 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

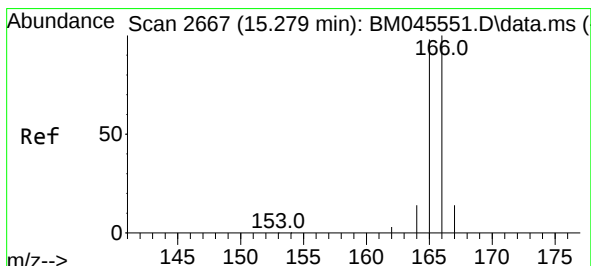
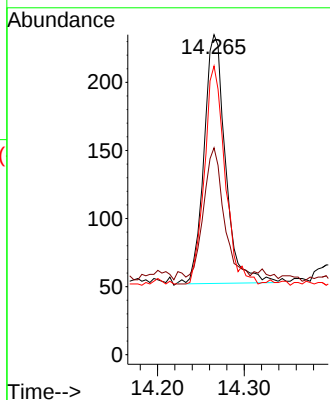
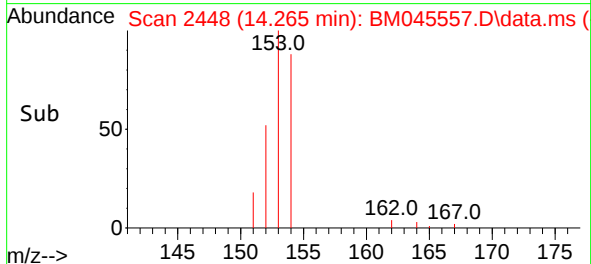
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



Tgt Ion:153 Resp: 314
Ion Ratio Lower Upper
153 100
152 64.7 43.4 65.2
154 90.2 69.0 103.6

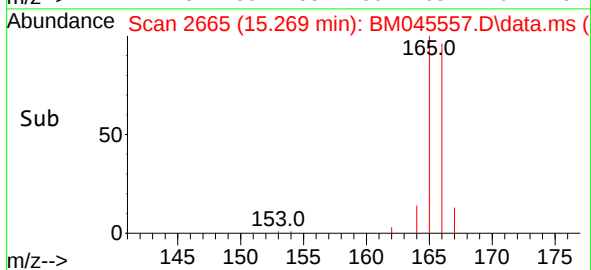
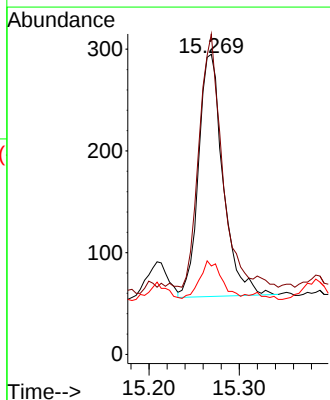
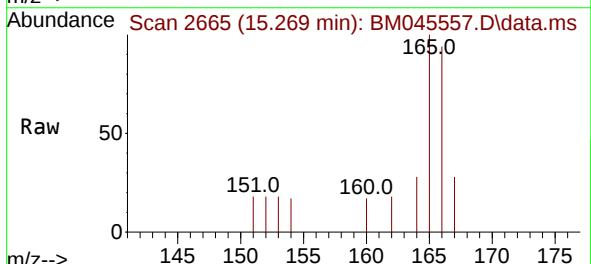
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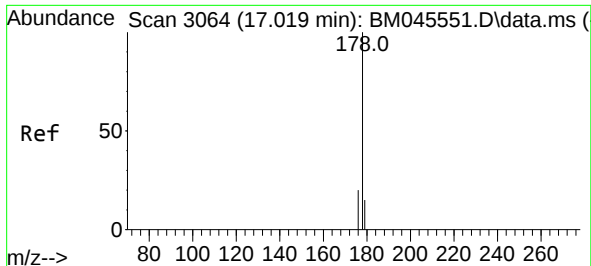
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.098 ng/u1
RT: 15.269 min Scan# 2665
Delta R.T. -0.009 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

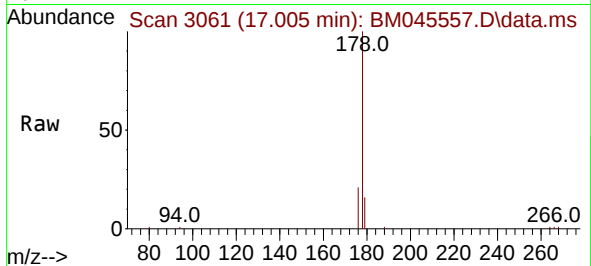
Tgt Ion:166 Resp: 449
Ion Ratio Lower Upper
166 100
165 106.8 82.2 123.2
167 29.5 14.8 22.2#





#15
Phenanthrene
Concen: 1.410 ng/ul
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

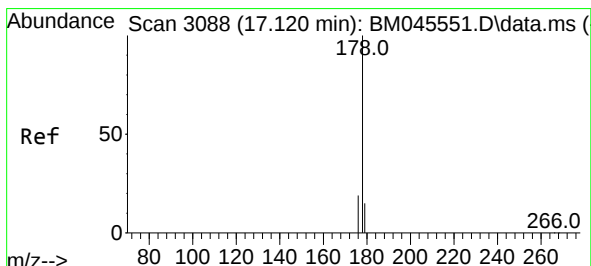
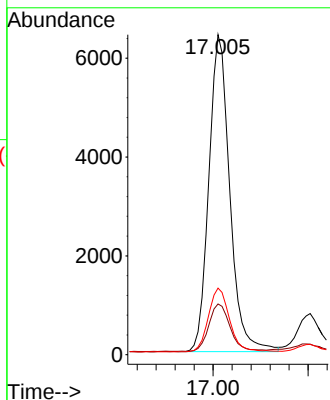
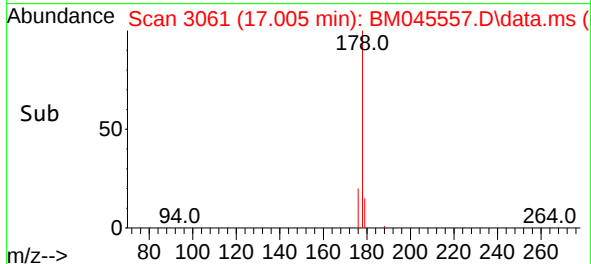
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



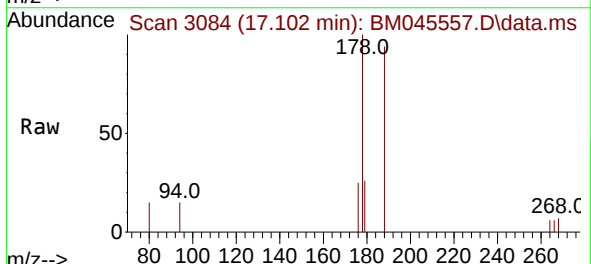
Tgt Ion:178 Resp: 9840
Ion Ratio Lower Upper
178 100
179 15.9 15.4 23.2
176 20.8 19.0 28.4

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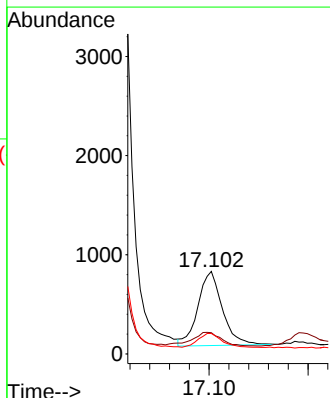
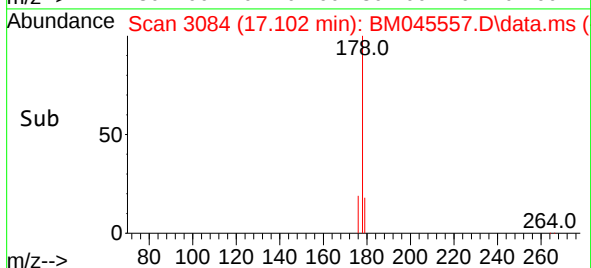
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

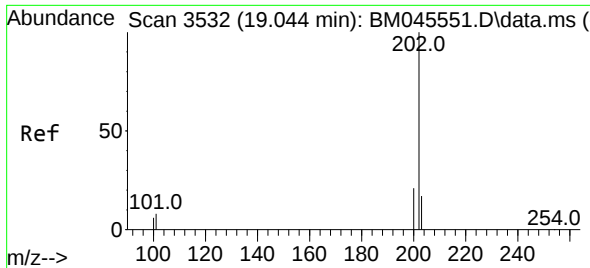


#16
Anthracene
Concen: 0.198 ng/ul
RT: 17.102 min Scan# 3084
Delta R.T. -0.017 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10



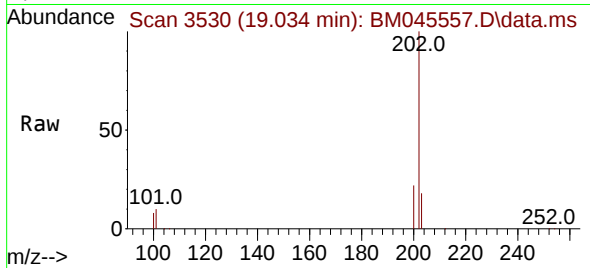
Tgt Ion:178 Resp: 1290
Ion Ratio Lower Upper
178 100
179 25.7 17.8 26.6
176 24.9 18.7 28.1





#19
Fluoranthene
Concen: 2.649 ng/u1
RT: 19.034 min Scan# 309
Delta R.T. -0.014 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

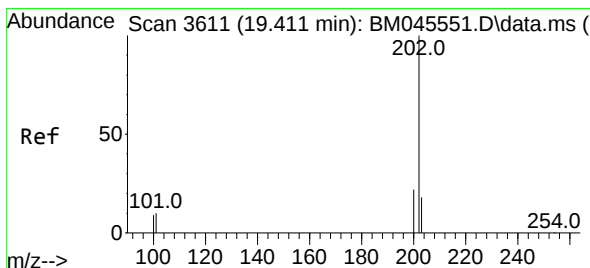
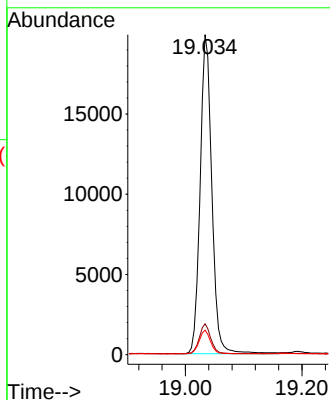
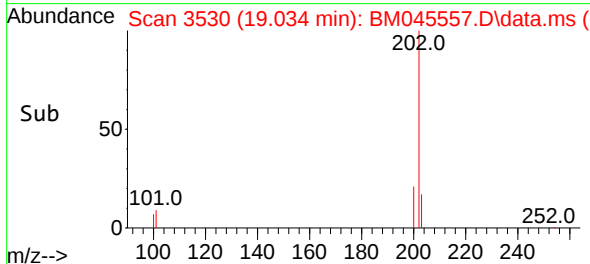
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



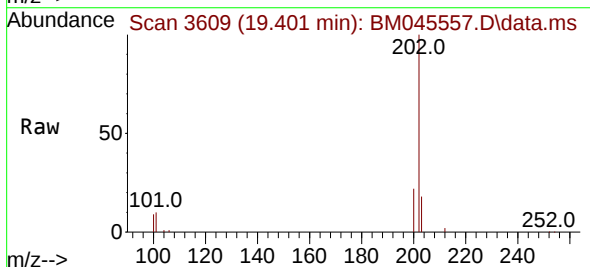
Tgt Ion:202 Resp: 27814
Ion Ratio Lower Upper
202 100
101 9.6 11.2 16.8#
100 7.6 9.1 13.7#

Manual Integrations
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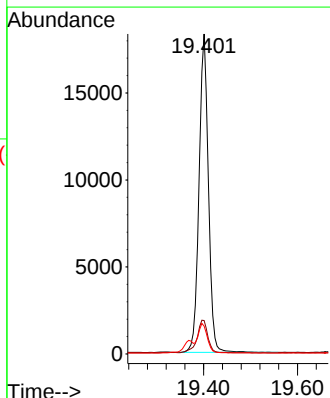
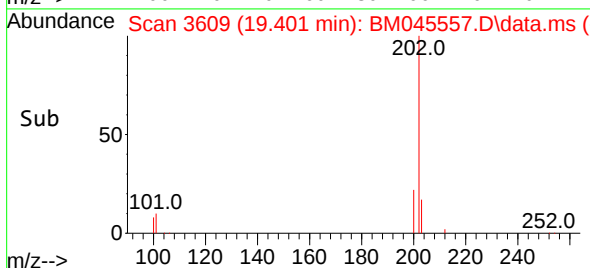
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

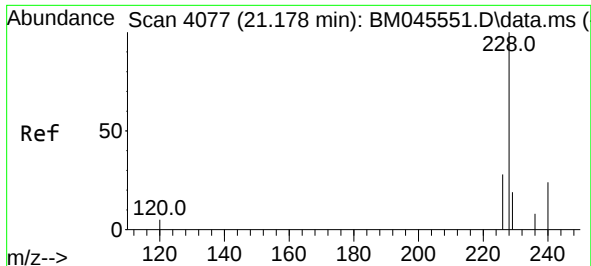


#20
Pyrene
Concen: 2.341 ng/u1
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10



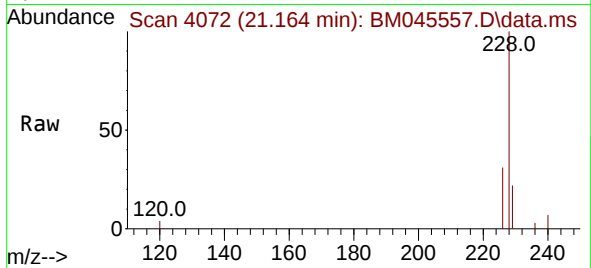
Tgt Ion:202 Resp: 25261
Ion Ratio Lower Upper
202 100
101 10.4 11.5 17.3#
100 8.7 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 1.425 ng/ul
RT: 21.164 min Scan# 4072
Delta R.T. -0.017 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

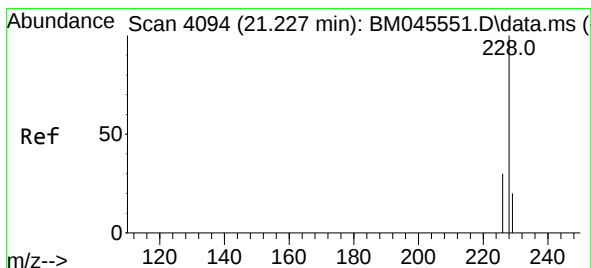
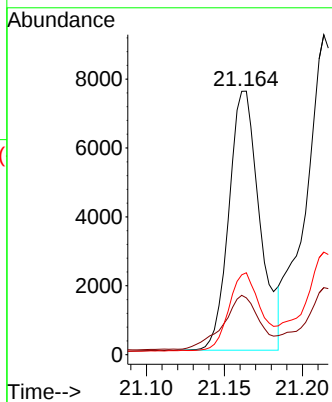
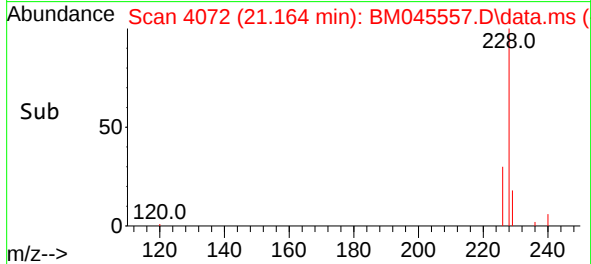
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



Tgt Ion:228 Resp: 10360
Ion Ratio Lower Upper
228 100
229 21.5 19.4 29.2
226 31.1 26.3 39.5

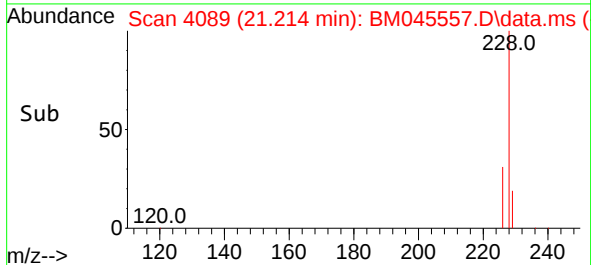
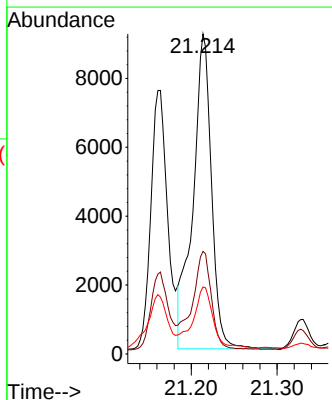
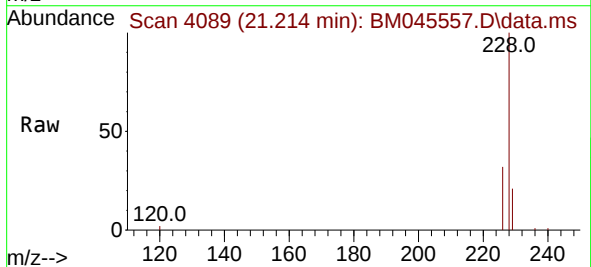
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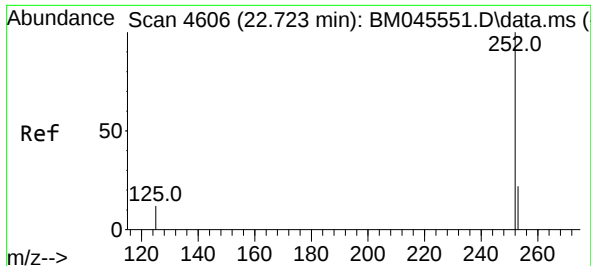
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 1.231 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.014 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

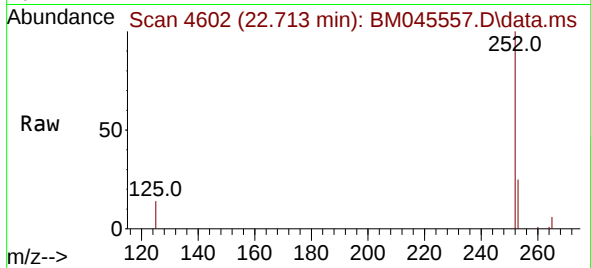
Tgt Ion:228 Resp: 13760
Ion Ratio Lower Upper
228 100
226 32.1 26.3 39.5
229 21.0 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.401 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.017 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

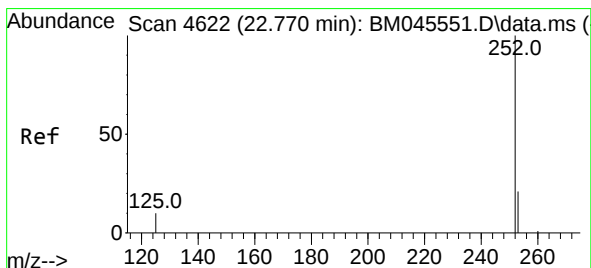
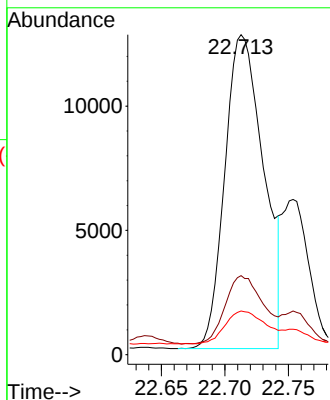
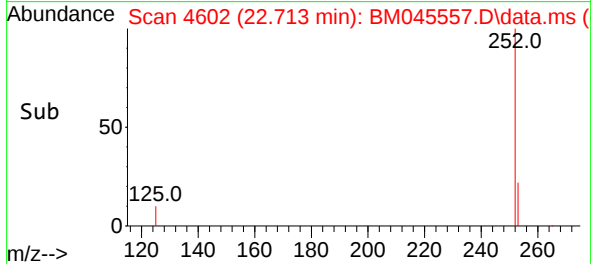
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



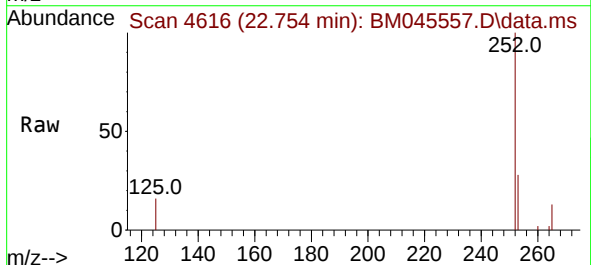
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Ion Ratio Lower Upper
252 100
253 24.7 0.0 63.4
125 13.7 0.0 36.8

Manual Integrations
APPROVED

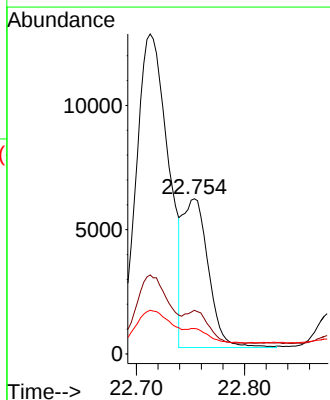
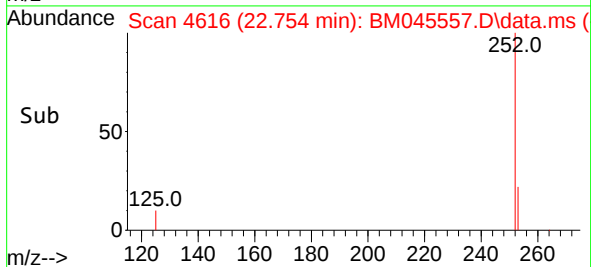
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

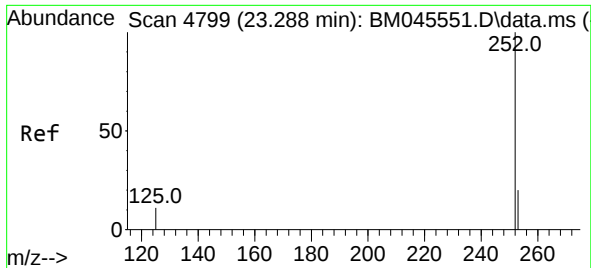


#25
Benzo(k)fluoranthene
Concen: 0.704 ng/ul m
RT: 22.754 min Scan# 4616
Delta R.T. -0.017 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10



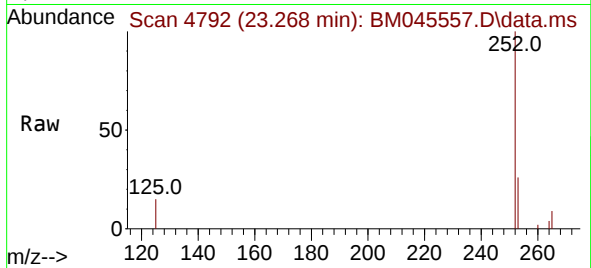
Tgt Ion:252 Resp: 9948
Ion Ratio Lower Upper
252 100
253 28.1 25.4 38.0
125 16.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.541 ng/ul
RT: 23.268 min Scan# 4799
Delta R.T. -0.023 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

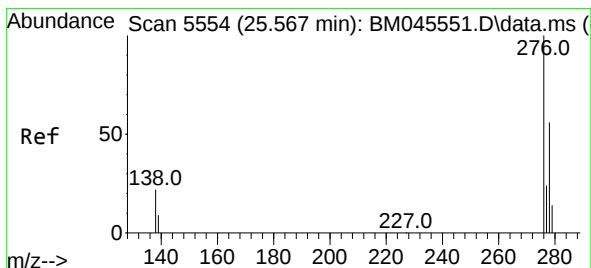
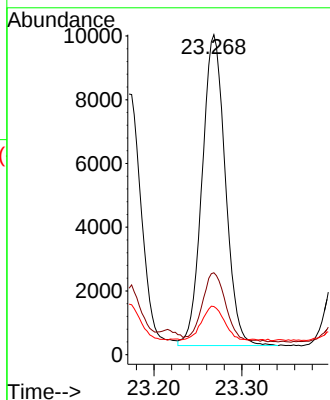
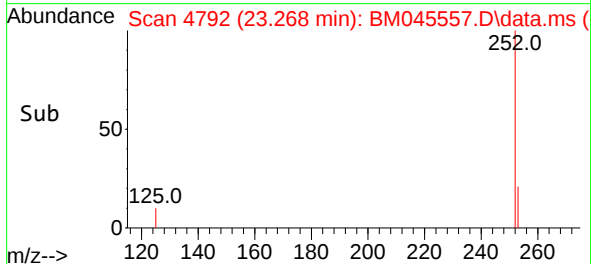
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



Tgt Ion:252 Resp: 1789
Ion Ratio Lower Upper
252 100
253 25.6 31.6 47.4#
125 15.0 19.5 29.3#

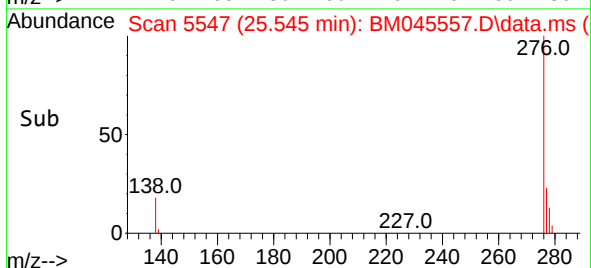
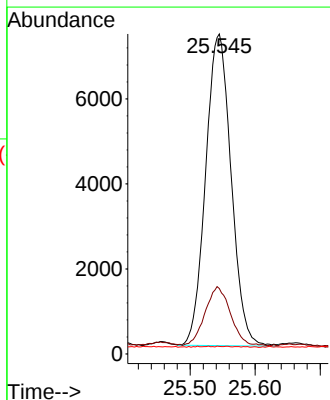
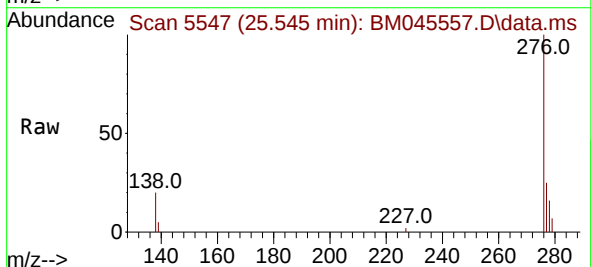
Manual Integrations
APPROVED

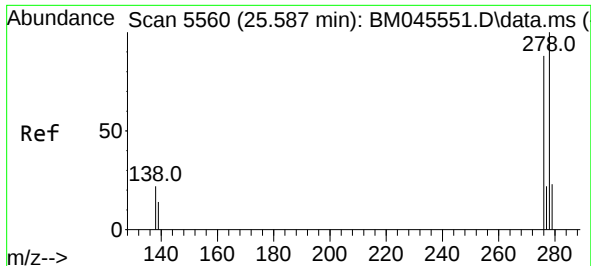
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 25.545 min Scan# 5547
Delta R.T. -0.027 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

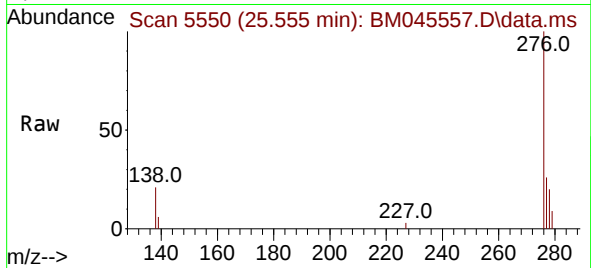
Tgt Ion:276 Resp: 19975
Ion Ratio Lower Upper
276 100
138 18.8 19.8 29.6#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.276 ng/ul
RT: 25.555 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

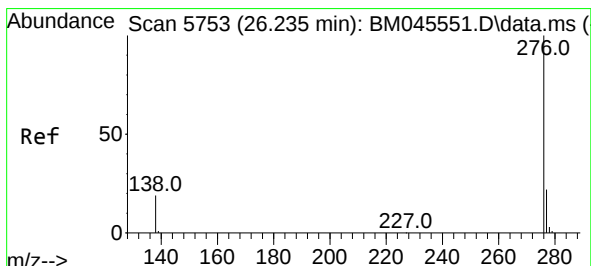
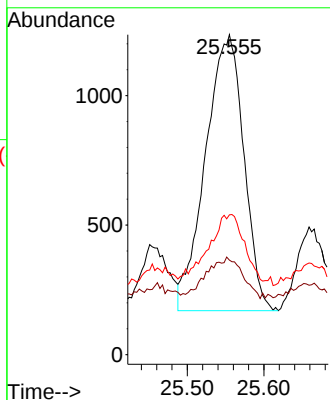
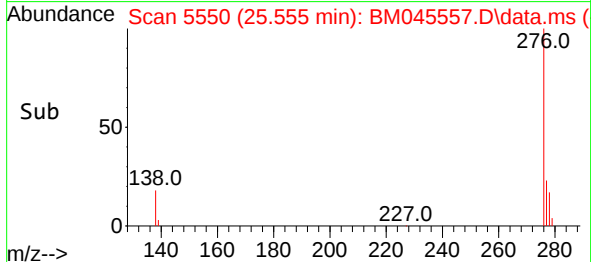
Instrument :
BNA_M
ClientSampleId :
C0AA3DL



Tgt Ion:278 Resp: 3692
Ion Ratio Lower Upper
278 100
139 29.6 19.0 28.6
279 43.7 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 1.312 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.027 min
Lab File: BM045557.D
Acq: 25 Apr 2024 10:10

Tgt Ion:276 Resp: 19893
Ion Ratio Lower Upper
276 100
138 21.4 20.8 31.2
277 26.0 21.8 32.8

