

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045575.D
 Acq On : 25 Apr 2024 22:47
 Operator : MA/JU
 Sample : P2037-24RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 23:23:53 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	7.547	152	1170	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3102	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1676	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.963	188	3710m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	4633m	0.400	ng/ul	-0.01
23) Perylene-d12	23.379	264	6281m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5624	3.586	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	1119	0.274	ng/ul	-0.02
18) Fluoranthene-d10	19.006	212	3157m	0.216	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.363	128	7083	0.850	ng/ul#	89
7) 2-Methylnaphthalene	11.991	142	1456	0.306	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	1192	0.223	ng/ul	93
10) Acenaphthylene	13.913	152	1646	0.199	ng/ul#	29
11) Acenaphthene	14.260	153	823	0.134	ng/ul#	85
12) Fluorene	15.260	166	811	0.124	ng/ul#	44
15) Phenanthrene	17.005	178	18816m	1.741	ng/ul	
16) Anthracene	17.098	178	2042m	0.202	ng/ul	
19) Fluoranthene	19.038	202	29183m	1.365	ng/ul	
20) Pyrene	19.405	202	33218	1.512	ng/ul	99
21) Benzo(a)anthracene	21.170	228	12754m	0.861	ng/ul	
22) Chrysene	21.219	228	19211m	0.844	ng/ul	
24) Benzo(b)fluoranthene	22.727	252	28186m	1.334	ng/ul	
25) Benzo(k)fluoranthene	22.768	252	10515m	0.394	ng/ul	
26) Benzo(a)pyrene	23.283	252	14717m	0.672	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.578	276	11169m	0.351	ng/ul	
29) Benzo(g,h,i)perylene	26.246	276	10677	0.373	ng/ul#	1

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

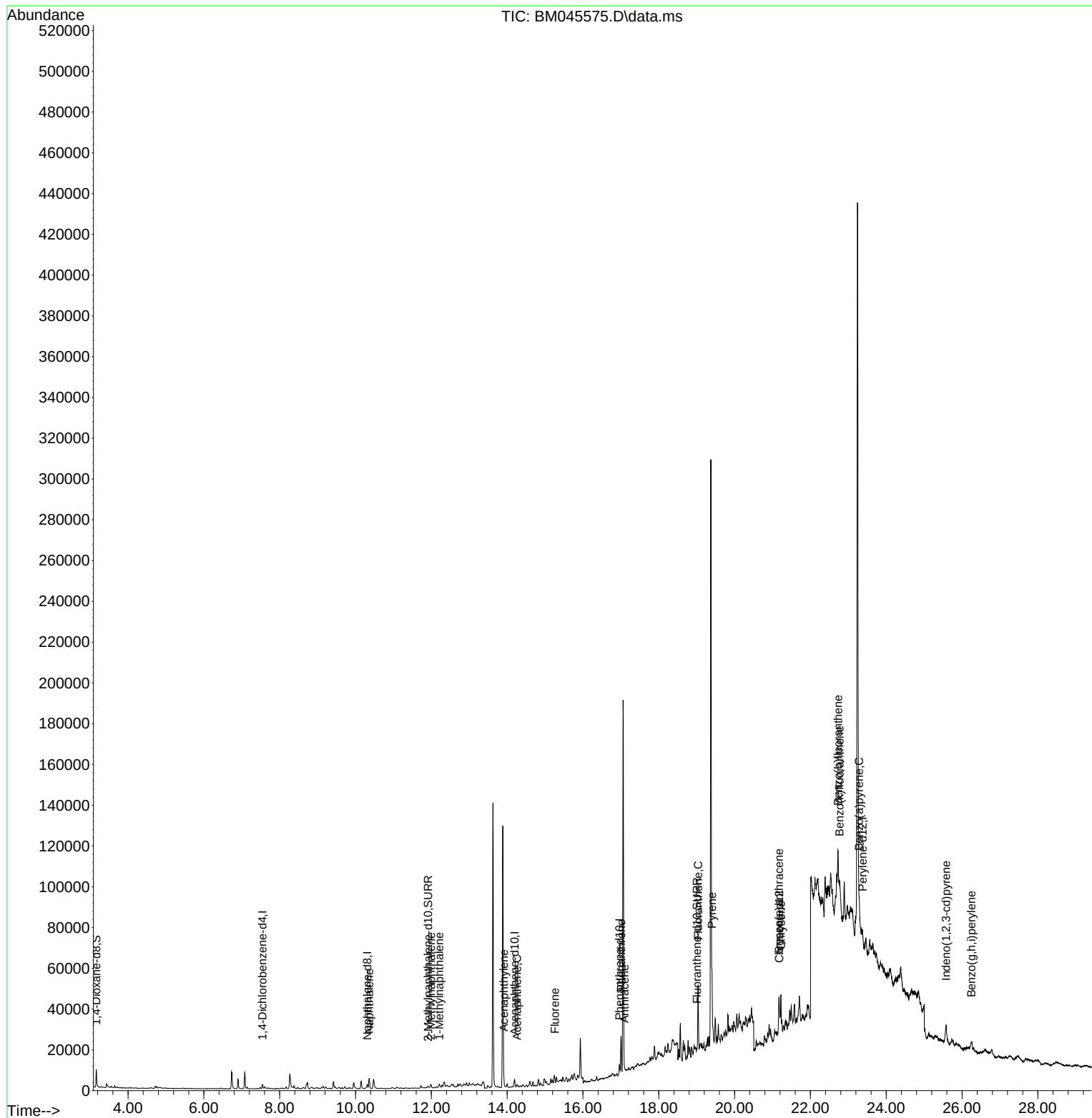
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
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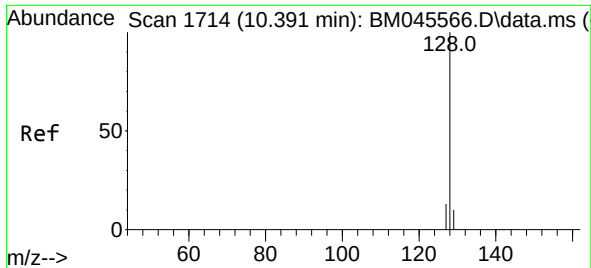
Instrument :
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Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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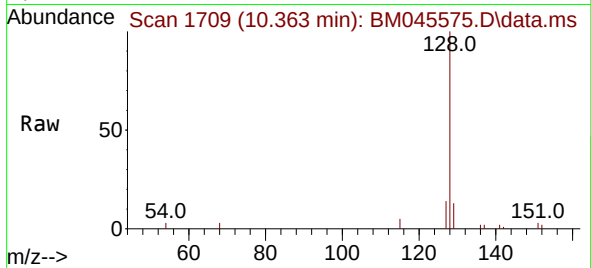
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#5
Naphthalene
Concen: 0.850 ng/ul
RT: 10.363 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

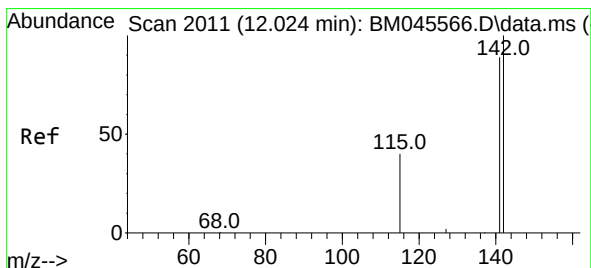
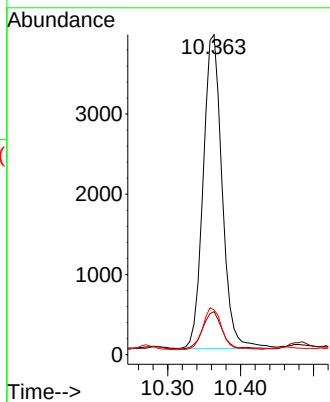
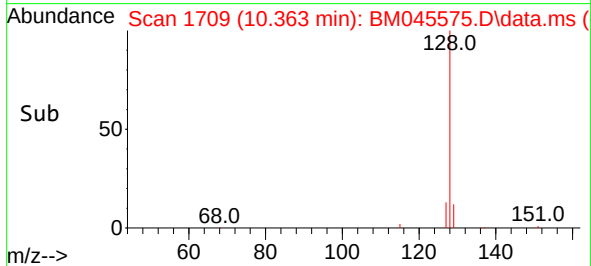
Instrument :
BNA_M
ClientSampleId :
E1CX9RE



Tgt Ion:128 Resp: 708
Ion Ratio Lower Upper
128 100
129 13.4 14.0 21.0
127 14.0 15.4 23.2

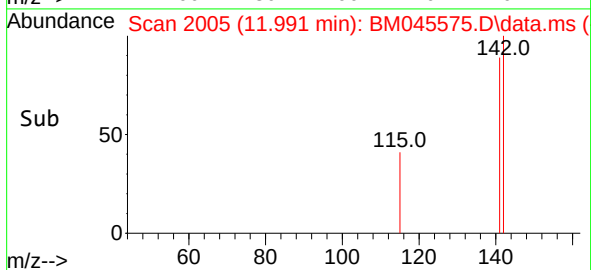
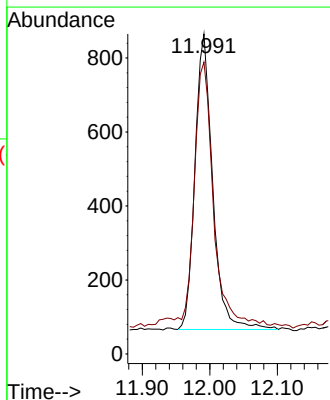
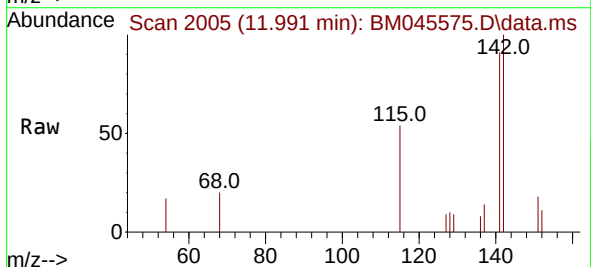
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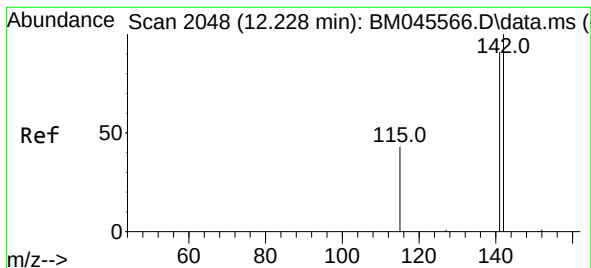
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

Tgt Ion:142 Resp: 1456
Ion Ratio Lower Upper
142 100
141 99.9 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.223 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045575.D

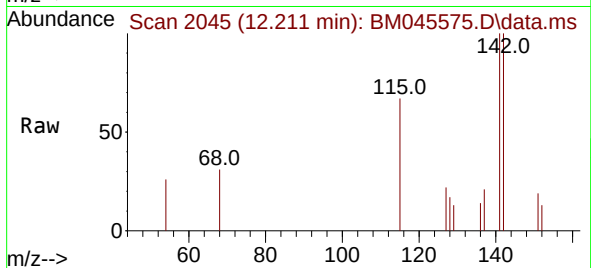
Acq: 25 Apr 2024 22:47

Instrument :

BNA_M

ClientSampleId :

E1CX9RE



Tgt Ion:142 Resp: 119

Ion Ratio Lower Upper

142 100

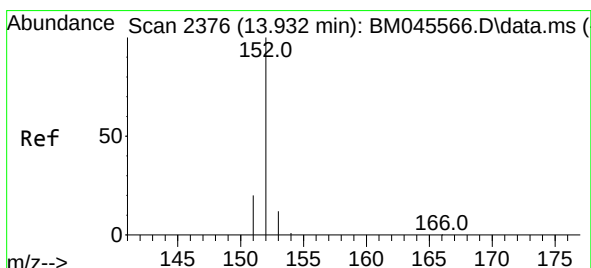
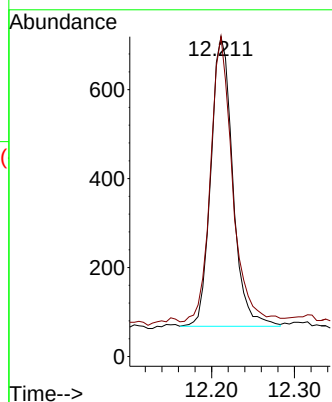
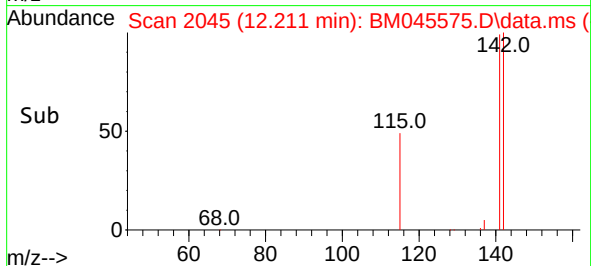
141 101.5 76.1 114.1

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#10

Acenaphthylene

Concen: 0.199 ng/ul

RT: 13.913 min Scan# 2372

Delta R.T. -0.014 min

Lab File: BM045575.D

Acq: 25 Apr 2024 22:47

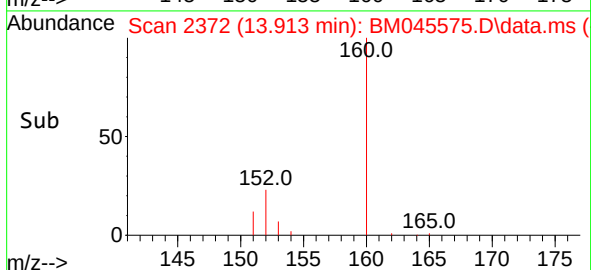
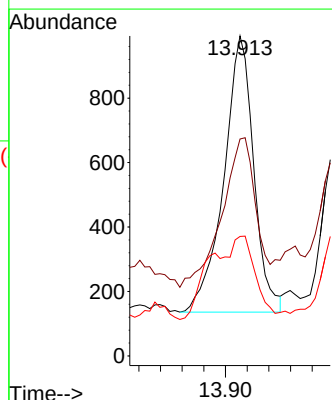
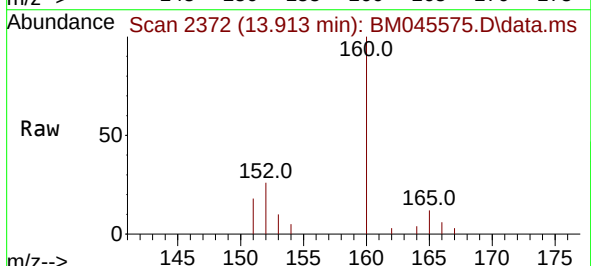
Tgt Ion:152 Resp: 1646

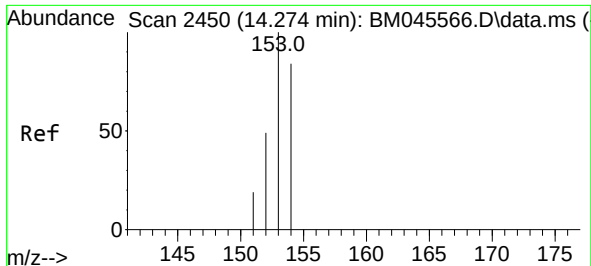
Ion Ratio Lower Upper

152 100

151 67.8 18.6 28.0#

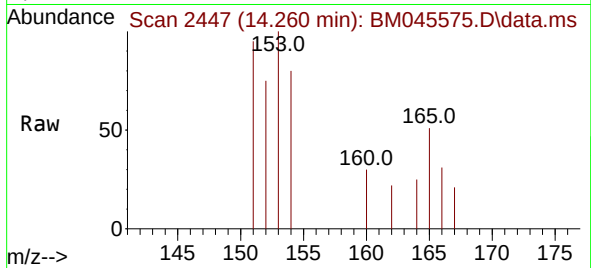
153 37.4 14.1 21.1#





#11
Acenaphthene
Concen: 0.134 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

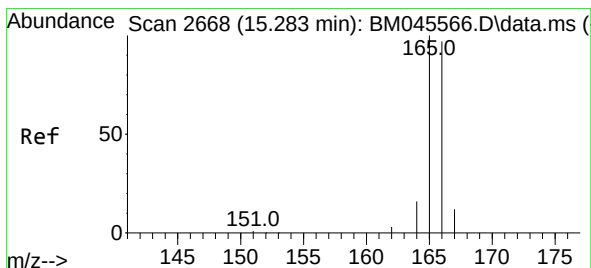
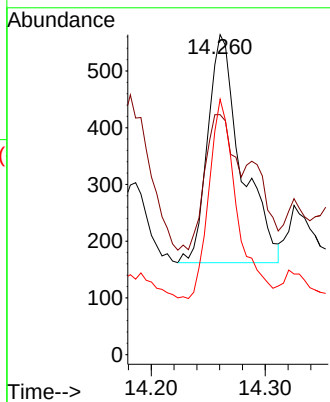
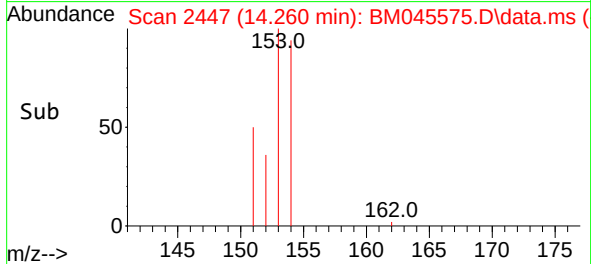
Instrument :
BNA_M
ClientSampleId :
E1CX9RE



Tgt Ion:153 Resp: 821
Ion Ratio Lower Upper
153 100
152 75.0 43.4 65.2#
154 79.8 69.0 103.6#

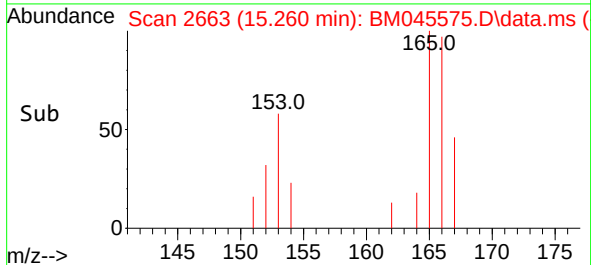
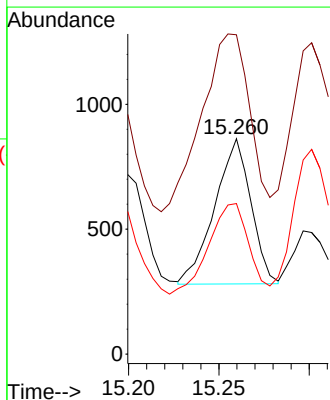
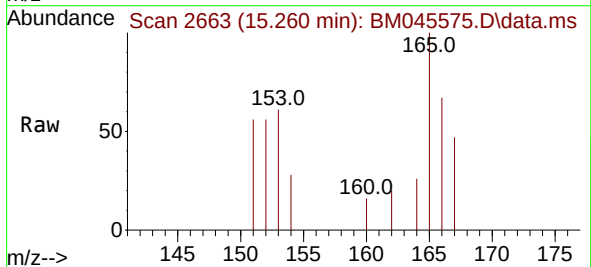
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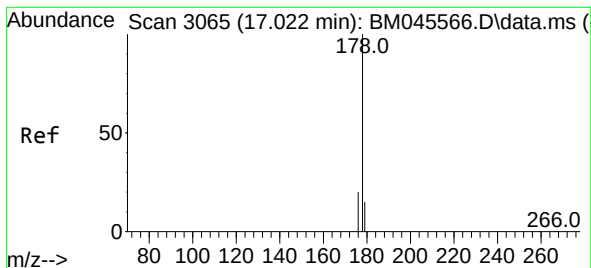
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

Tgt Ion:166 Resp: 811
Ion Ratio Lower Upper
166 100
165 148.4 82.2 123.2#
167 70.0 14.8 22.2#





#15

Phenanthrene

Concen: 1.741 ng/ul m

RT: 17.005 min Scan# 3061

Delta R.T. -0.017 min

Lab File: BM045575.D

Acq: 25 Apr 2024 22:47

Instrument :

BNA_M

ClientSampleId :

E1CX9RE

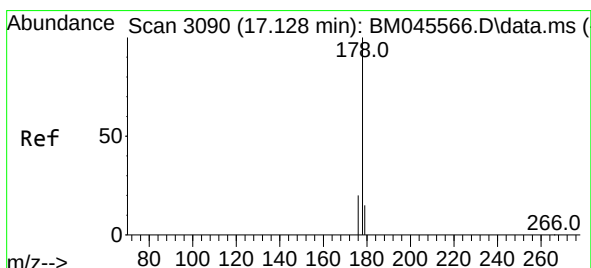
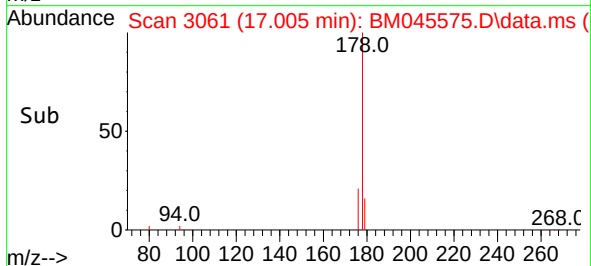
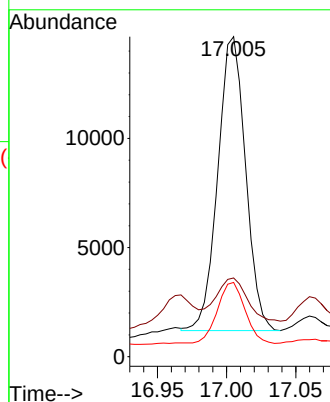
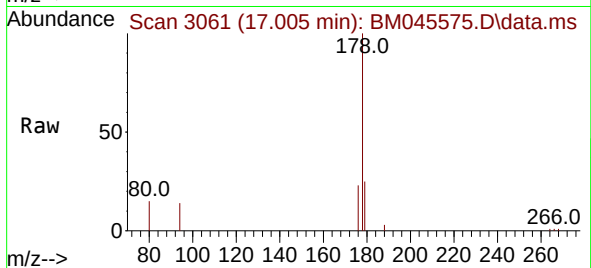
Tgt Ion:178	Resp:	18810
Ion Ratio	Lower	Upper
178	100	
179	24.6	15.4 23.2
176	23.2	19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#16

Anthracene

Concen: 0.202 ng/ul m

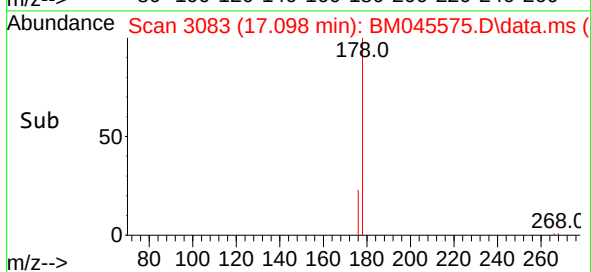
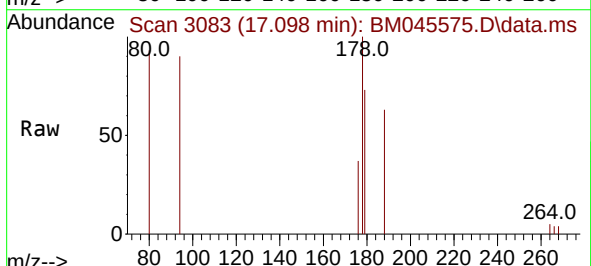
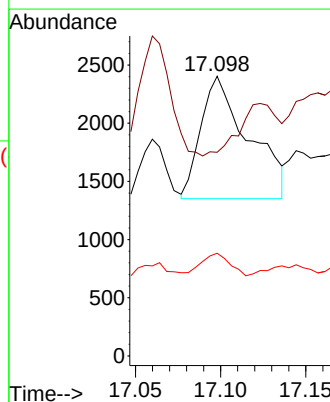
RT: 17.098 min Scan# 3083

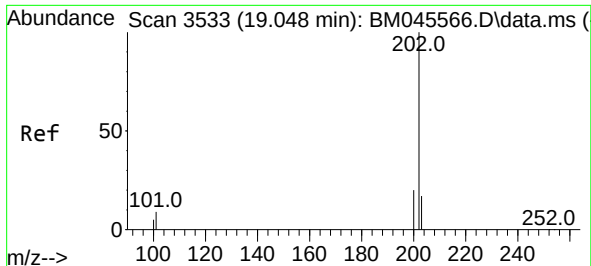
Delta R.T. -0.021 min

Lab File: BM045575.D

Acq: 25 Apr 2024 22:47

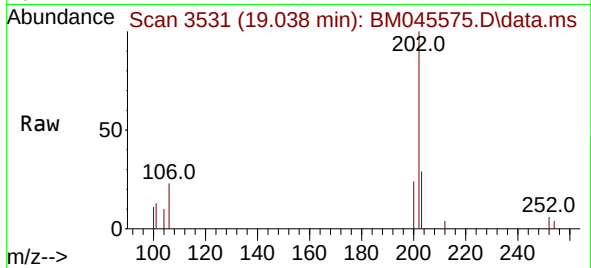
Tgt Ion:178	Resp:	2042
Ion Ratio	Lower	Upper
178	100	
179	72.8	17.8 26.6
176	36.7	18.7 28.1





#19
Fluoranthene
Concen: 1.365 ng/ul m
RT: 19.038 min Scan# 3533
Delta R.T. -0.009 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

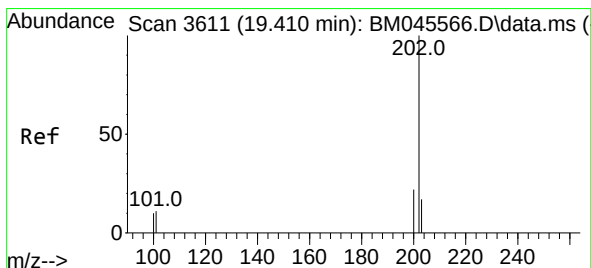
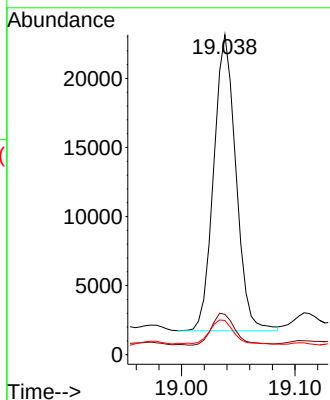
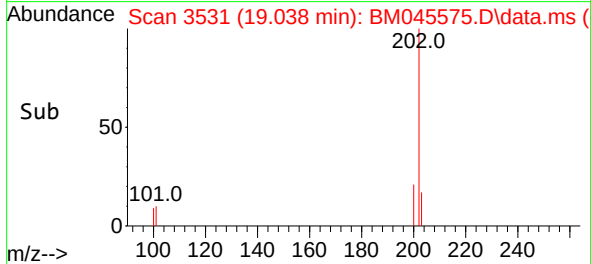
Instrument :
BNA_M
ClientSampleId :
E1CX9RE



Tgt Ion:202 Resp: 2918
Ion Ratio Lower Upper
202 100
101 12.6 11.2 16.8
100 10.7 9.1 13.7

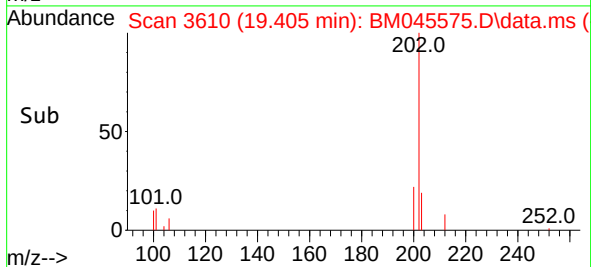
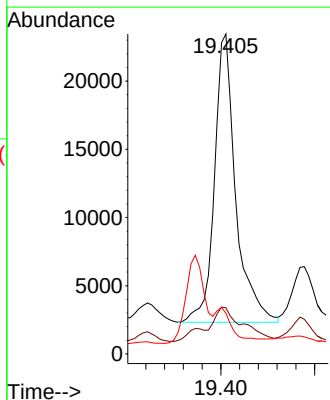
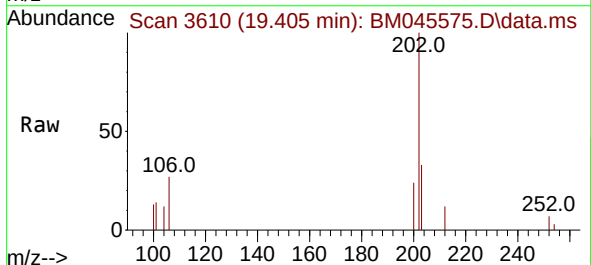
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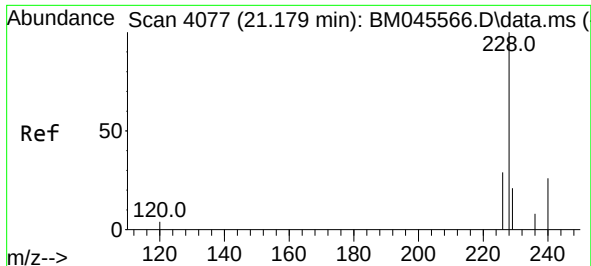
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 1.512 ng/ul
RT: 19.405 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

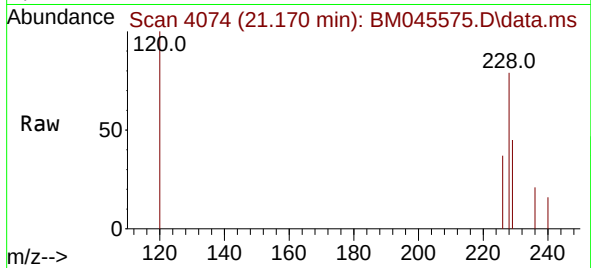
Tgt Ion:202 Resp: 33218
Ion Ratio Lower Upper
202 100
101 14.4 11.5 17.3
100 12.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.861 ng/ul m
RT: 21.170 min Scan# 4077
Delta R.T. -0.012 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

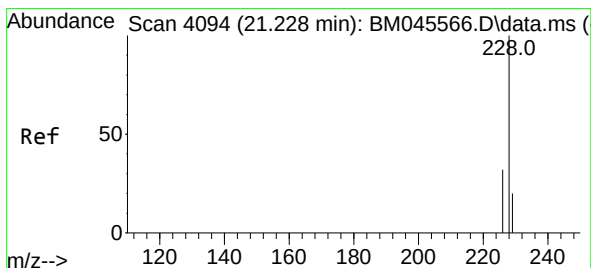
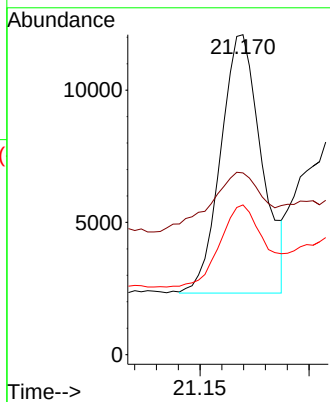
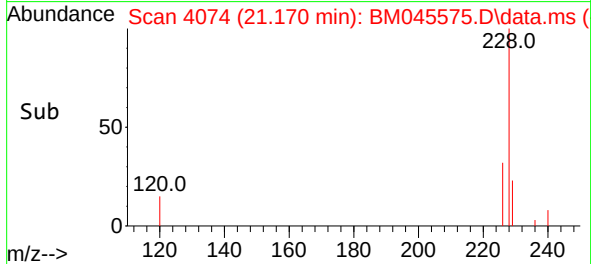
Instrument :
BNA_M
ClientSampleId :
E1CX9RE



Tgt Ion:228 Resp: 12754
Ion Ratio Lower Upper
228 100
229 56.8 19.4 29.2#
226 46.8 26.3 39.5#

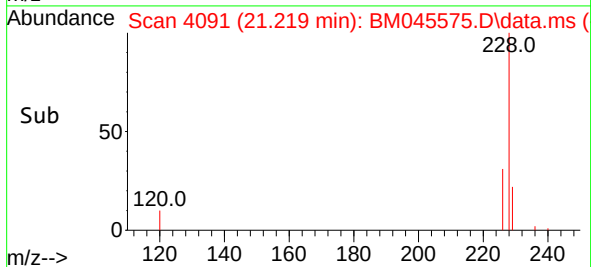
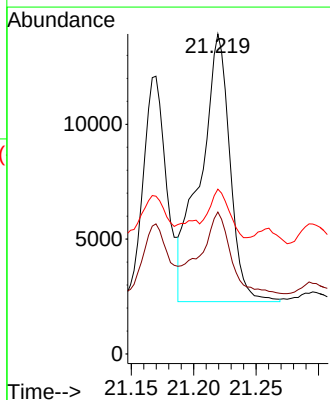
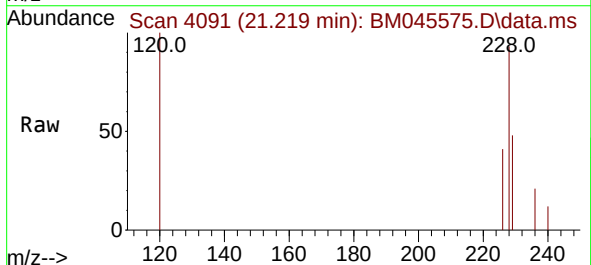
Manual Integrations
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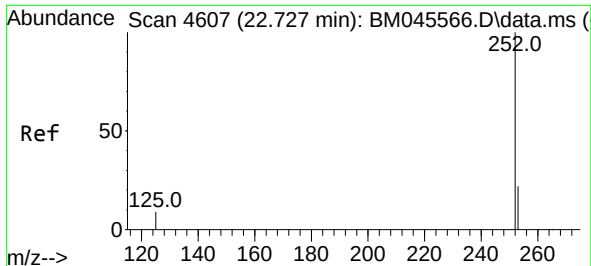
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.844 ng/ul m
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

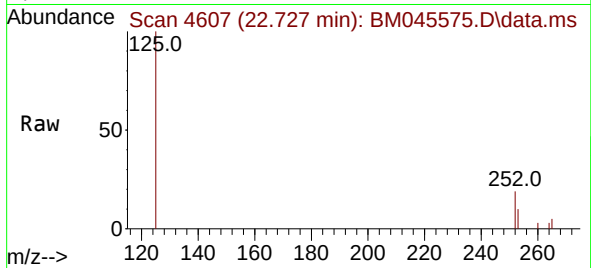
Tgt Ion:228 Resp: 19211
Ion Ratio Lower Upper
228 100
226 44.3 26.3 39.5#
229 51.5 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 1.334 ng/ul m
RT: 22.727 min Scan# 4607
Delta R.T. -0.003 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

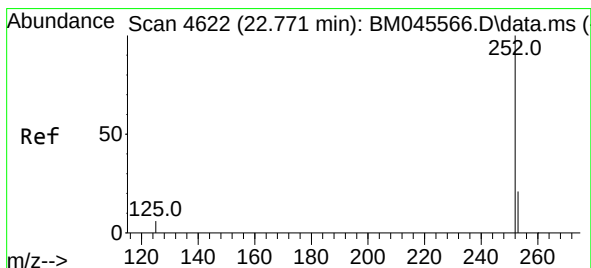
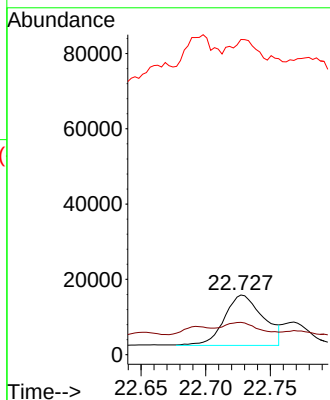
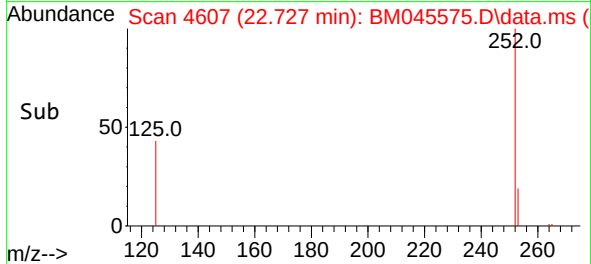
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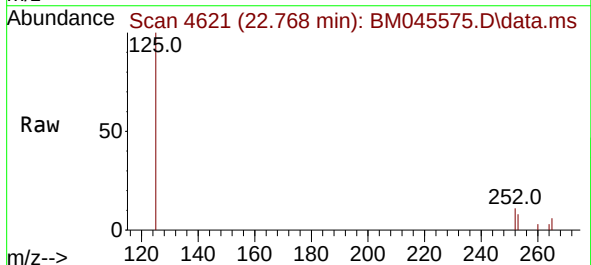
Tgt Ion:252 Resp: 28180
Ion Ratio Lower Upper
252 100
253 54.3 0.0 63.4
125 528.6 0.0 36.8

Manual Integrations
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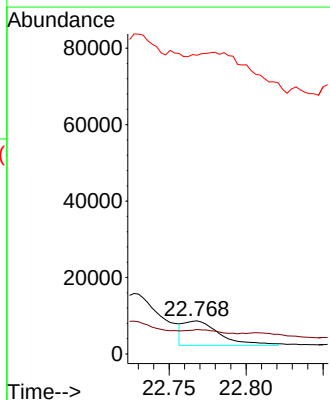
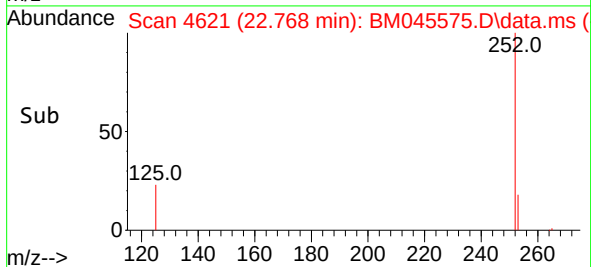
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

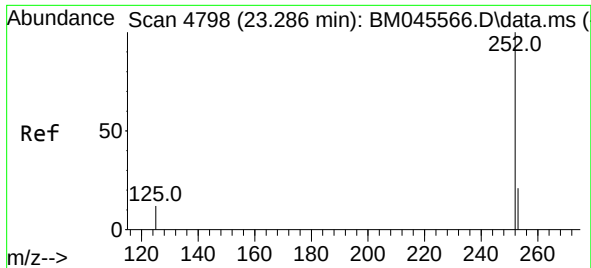


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul m
RT: 22.768 min Scan# 4621
Delta R.T. -0.003 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47



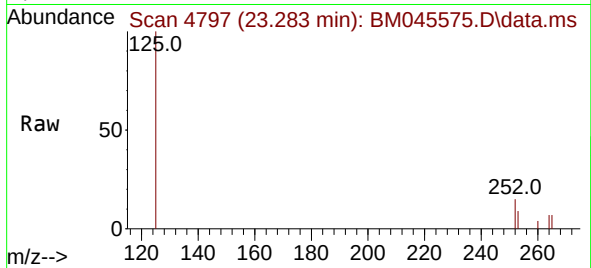
Tgt Ion:252 Resp: 10515
Ion Ratio Lower Upper
252 100
253 74.1 25.4 38.0#
125 902.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.672 ng/ul m
RT: 23.283 min Scan# 4798
Delta R.T. -0.009 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

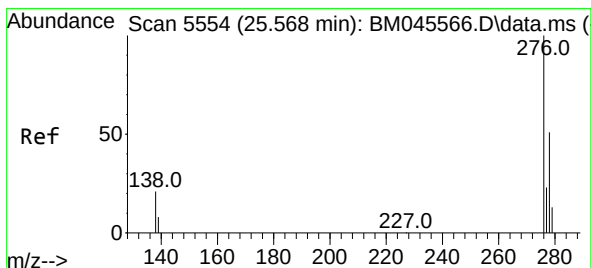
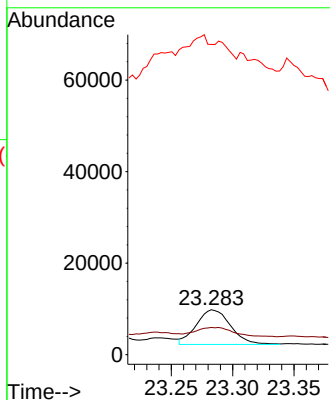
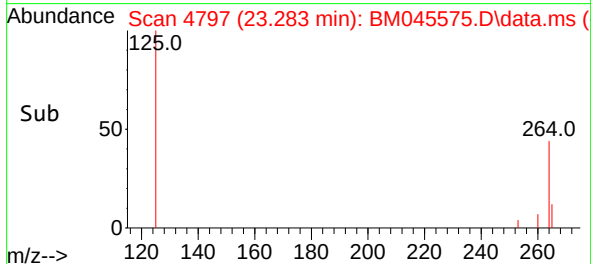
Instrument :
BNA_M
ClientSampleId :
E1CX9RE



Tgt Ion:252 Resp: 1471
Ion Ratio Lower Upper
252 100
253 60.3 31.6 47.4#
125 689.0 19.5 29.3#

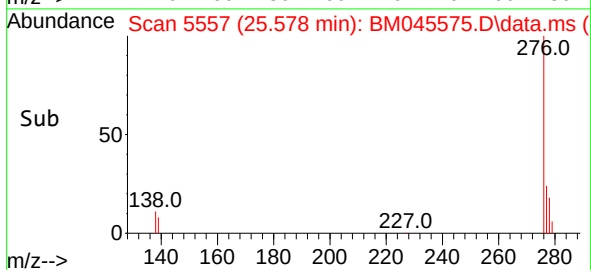
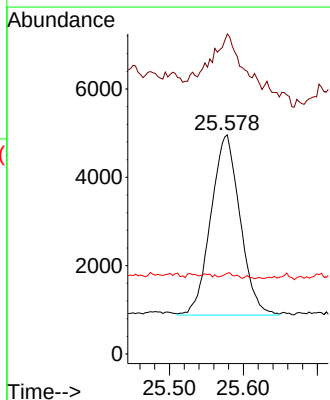
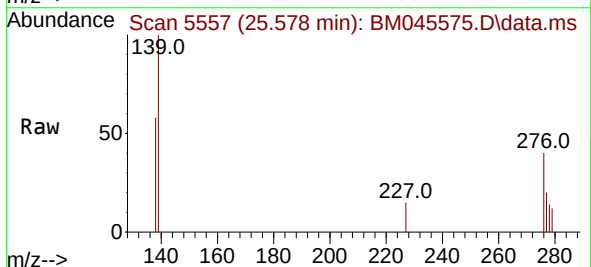
Manual Integrations
APPROVED

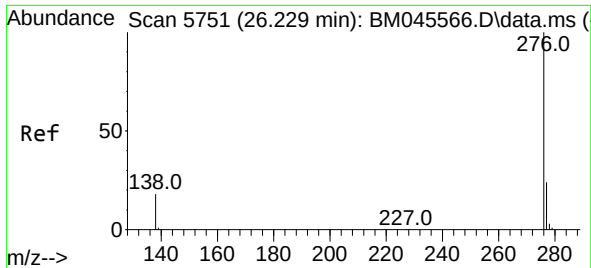
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul m
RT: 25.578 min Scan# 5557
Delta R.T. 0.007 min
Lab File: BM045575.D
Acq: 25 Apr 2024 22:47

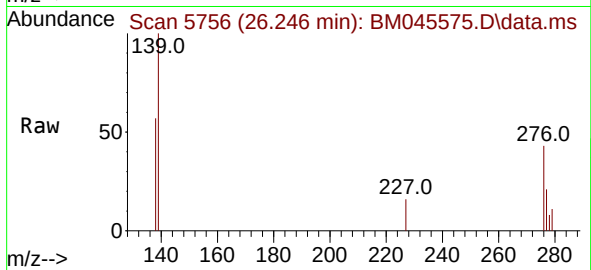
Tgt Ion:276 Resp: 11169
Ion Ratio Lower Upper
276 100
138 0.0 19.8 29.6#
227 1.2 0.2 0.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.373 ng/ul
 RT: 26.246 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM045575.D
 Acq: 25 Apr 2024 22:47

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9RE



Tgt Ion:276 Resp: 1067
 Ion Ratio Lower Upper
 276 100
 138 133.8 20.8 31.2
 277 49.7 21.8 32.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

