

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045596.D
 Acq On : 26 Apr 2024 20:16
 Operator : MA/JU
 Sample : P2203-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX0

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:53:16 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	963	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2665	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.196	164	1373	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2569m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	2220	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	2789m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	5951	4.610	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1228	0.349	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1796	0.257	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.353	128	64034	8.947	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	6502	1.591	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	4583	1.000	ng/ul	98
10) Acenaphthylene	13.909	152	16600	2.452	ng/ul#	94
11) Acenaphthene	14.256	153	1022	0.203	ng/ul	99
12) Fluorene	15.255	166	3421	0.636	ng/ul	98
15) Phenanthrene	16.997	178	97150	12.985	ng/ul	93
16) Anthracene	17.090	178	8824	1.261	ng/ul	95
19) Fluoranthene	19.029	202	50598	4.939	ng/ul#	90
20) Pyrene	19.396	202	40137	3.812	ng/ul#	91
21) Benzo(a)anthracene	21.161	228	15477	2.181	ng/ul	97
22) Chrysene	21.211	228	16096	1.475	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252	23283m	2.482	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	9604m	0.810	ng/ul	
26) Benzo(a)pyrene	23.265	252	16415	1.687	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.541	276	14519	1.027	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278	3511	0.313	ng/ul#	66
29) Benzo(g,h,i)perylene	26.212	276	15305	1.204	ng/ul	97

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

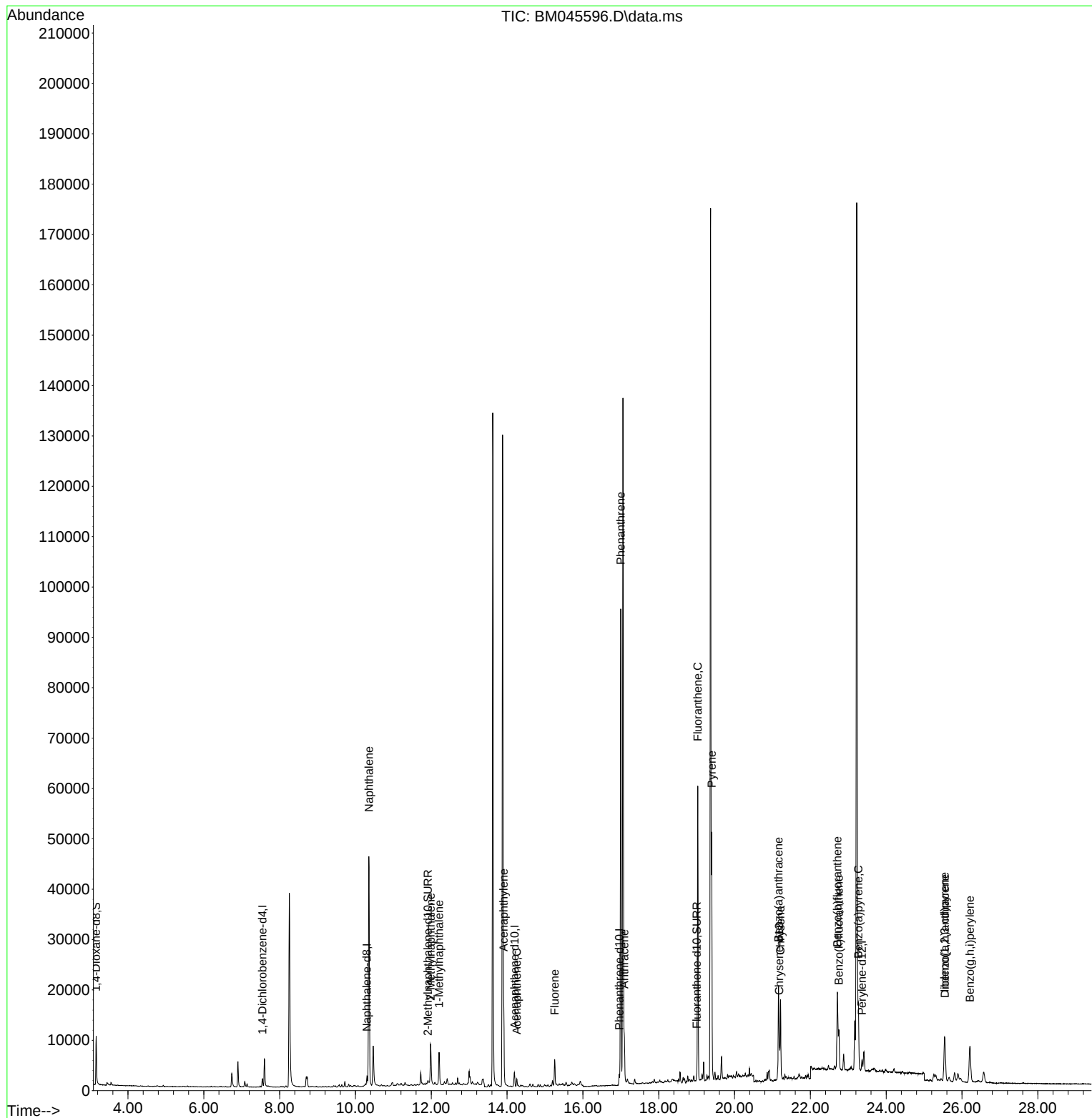
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045596.D
Acq On : 26 Apr 2024 20:16
Operator : MA/JU
Sample : P2203-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

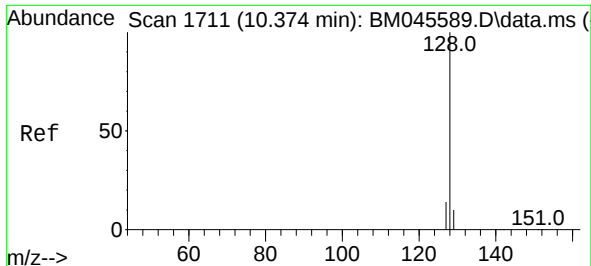
Instrument :
BNA_M
ClientSampleId :
E1CX0

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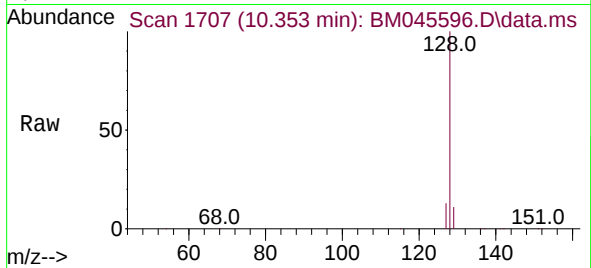
Quant Time: Apr 26 23:53:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
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#5
Naphthalene
Concen: 8.947 ng/ul
RT: 10.353 min Scan# 1711
Delta R.T. -0.027 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

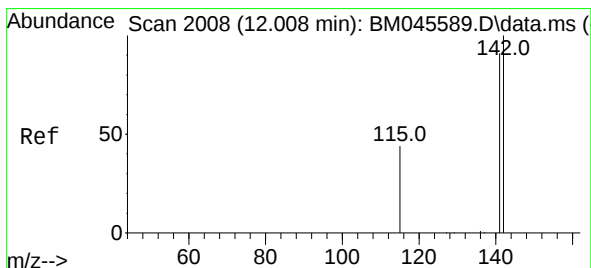
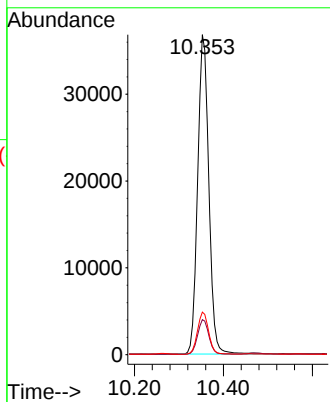
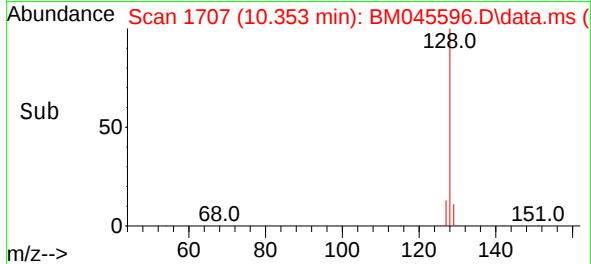
Instrument :
BNA_M
ClientSampleId :
E1CX0



Tgt Ion:128 Resp: 64034
Ion Ratio Lower Upper
128 100
129 10.9 14.0 21.0
127 13.3 15.4 23.2

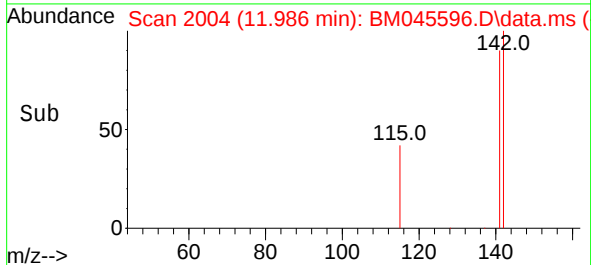
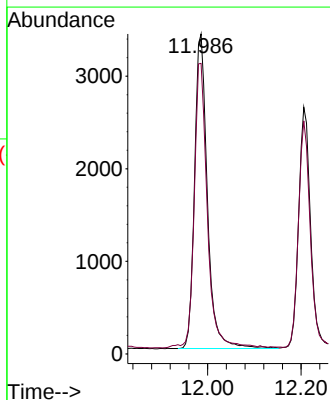
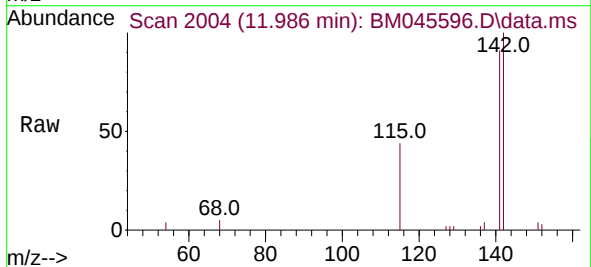
Manual Integrations
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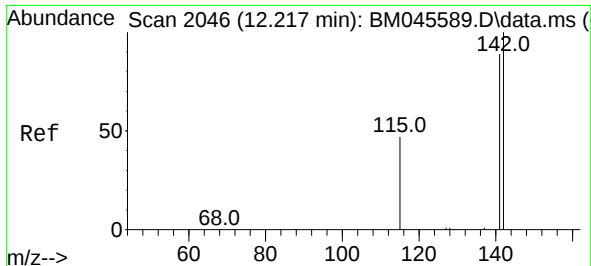
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 1.591 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

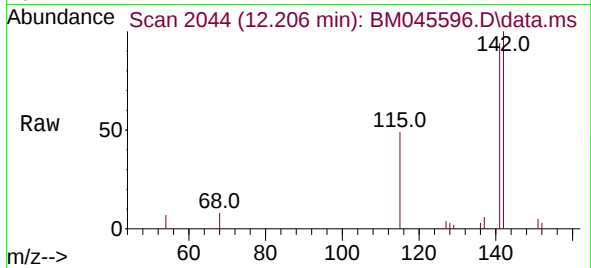
Tgt Ion:142 Resp: 6502
Ion Ratio Lower Upper
142 100
141 92.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 1.000 ng/ul
RT: 12.206 min Scan# 2046
Delta R.T. -0.016 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

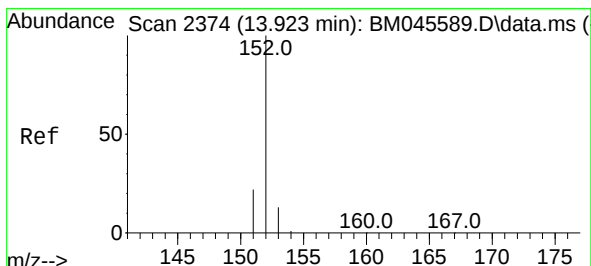
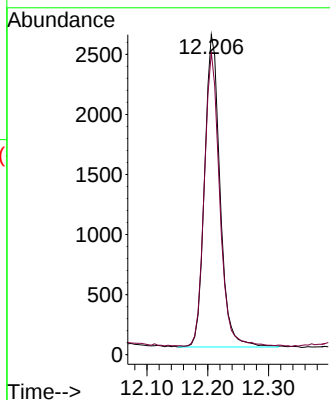
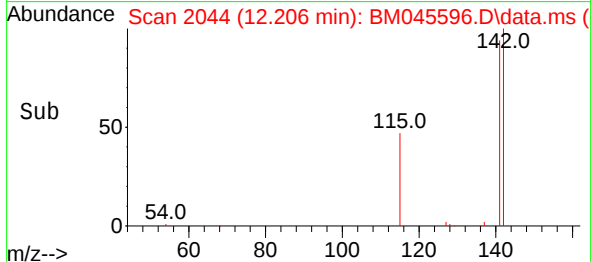
Instrument :
BNA_M
ClientSampleId :
E1CX0



Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
141 93.6 76.1 114.1

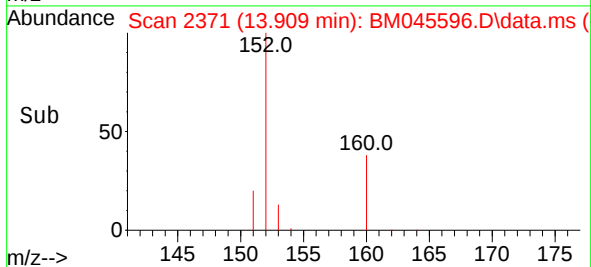
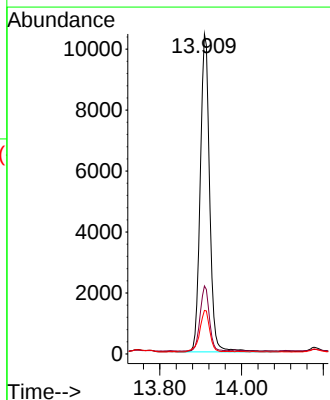
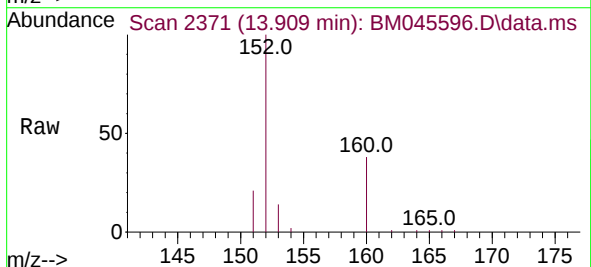
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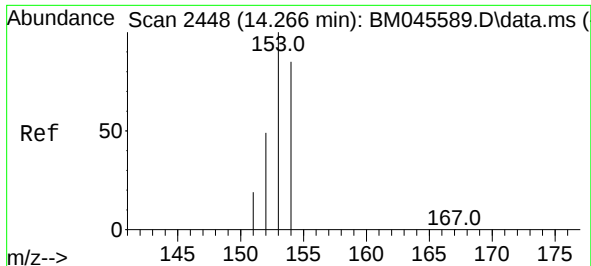
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 2.452 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

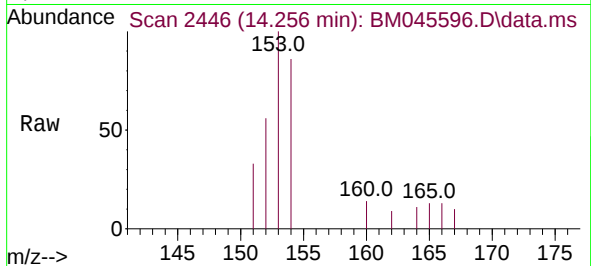
Tgt Ion:152 Resp: 16600
Ion Ratio Lower Upper
152 100
151 21.2 18.6 28.0
153 13.6 14.1 21.1#





#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

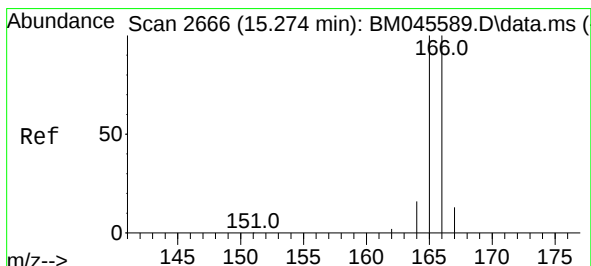
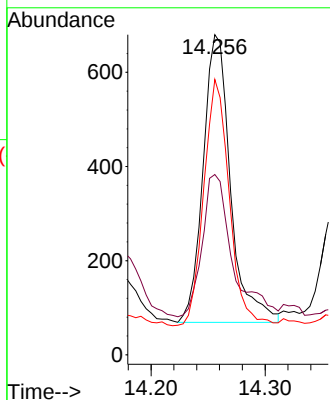
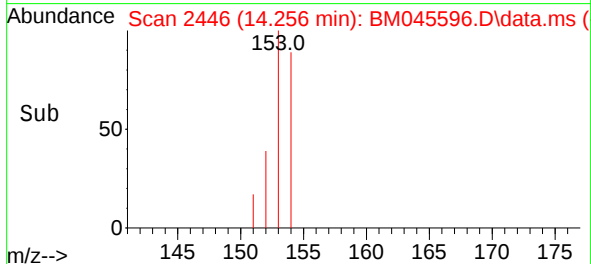
Instrument :
BNA_M
ClientSampleId :
E1CX0



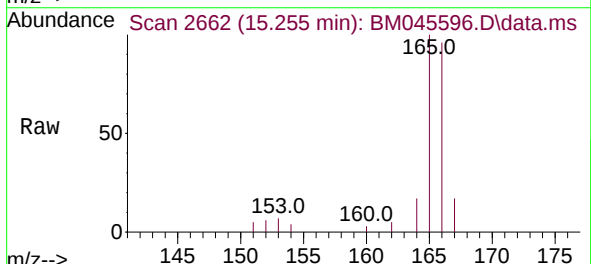
Tgt Ion:153 Resp: 102
Ion Ratio Lower Upper
153 100
152 56.3 43.4 65.2
154 86.0 69.0 103.6

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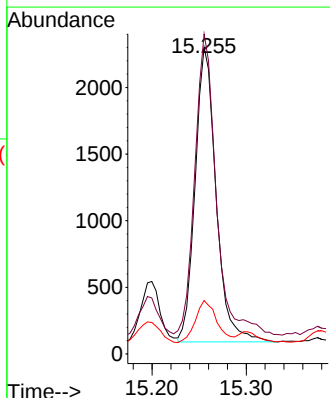
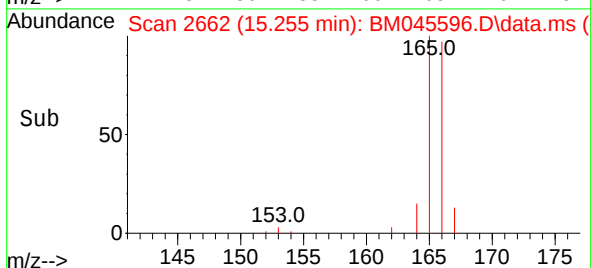
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

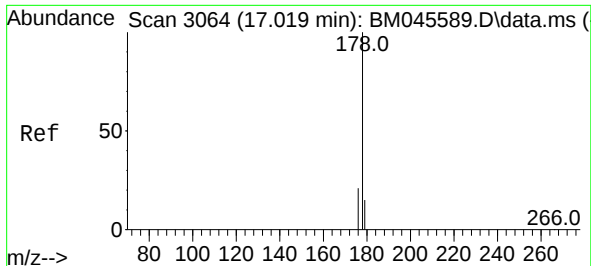


#12
Fluorene
Concen: 0.636 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16



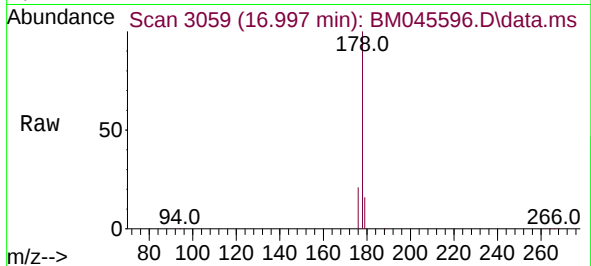
Tgt Ion:166 Resp: 3421
Ion Ratio Lower Upper
166 100
165 104.4 82.2 123.2
167 17.4 14.8 22.2





#15
Phenanthrene
Concen: 12.985 ng/ul
RT: 16.997 min Scan# 3064
Delta R.T. -0.025 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

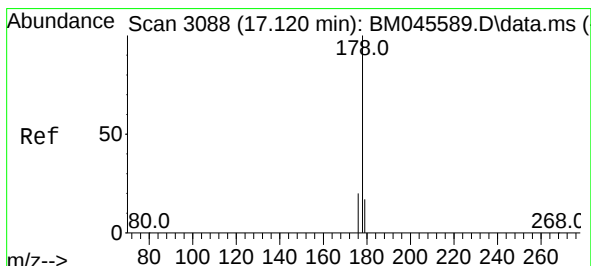
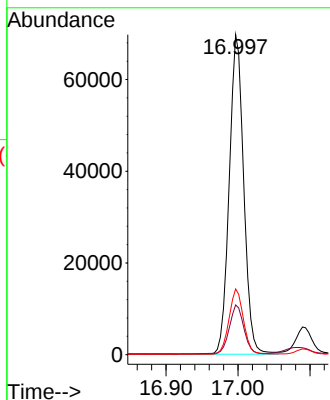
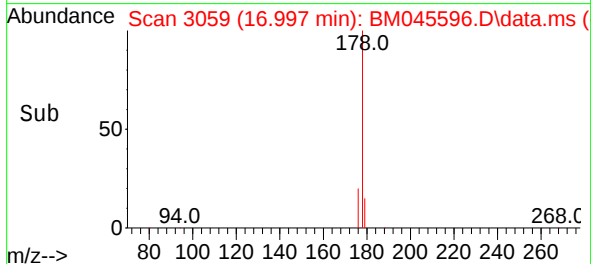
Instrument :
BNA_M
ClientSampleId :
E1CX0



Tgt Ion:178 Resp: 97150
Ion Ratio Lower Upper
178 100
179 15.5 15.4 23.2
176 20.5 19.0 28.4

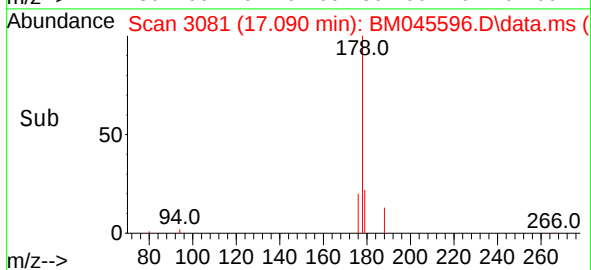
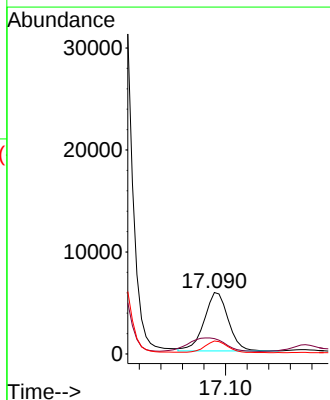
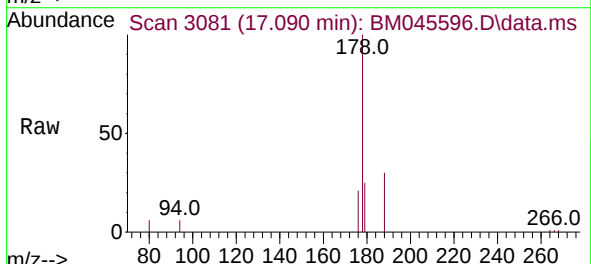
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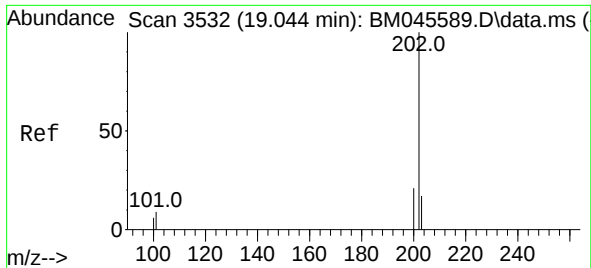
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 1.261 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:178 Resp: 8824
Ion Ratio Lower Upper
178 100
179 25.1 17.8 26.6
176 21.0 18.7 28.1





#19

Fluoranthene

Concen: 4.939 ng/ul

RT: 19.029 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

Instrument :

BNA_M

ClientSampleId :

E1CX0

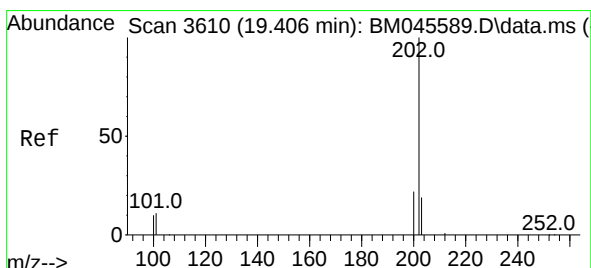
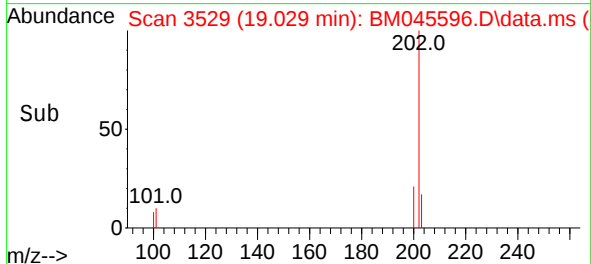
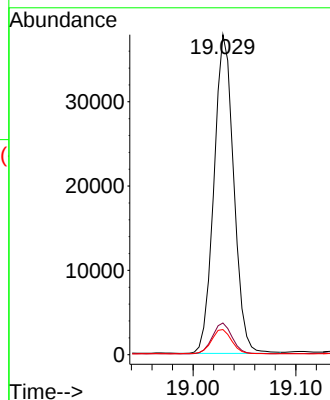
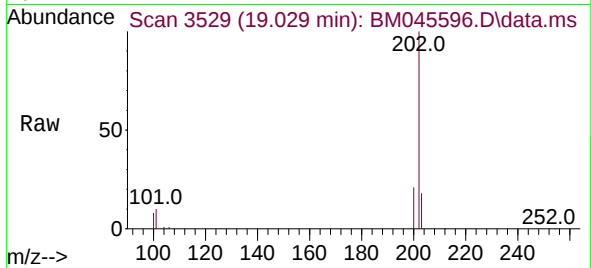
Tgt Ion:	202	Resp:	50598
Ion Ratio	Lower	Upper	
202	100		
101	9.9	11.2	16.8#
100	7.9	9.1	13.7#

Manual Integrations

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Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#20

Pyrene

Concen: 3.812 ng/ul

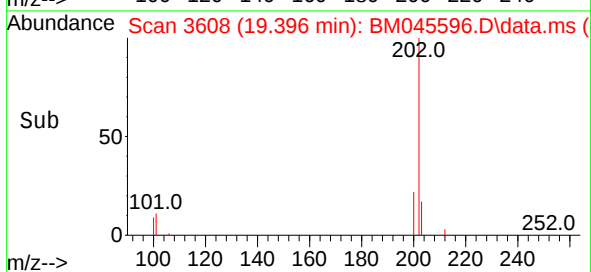
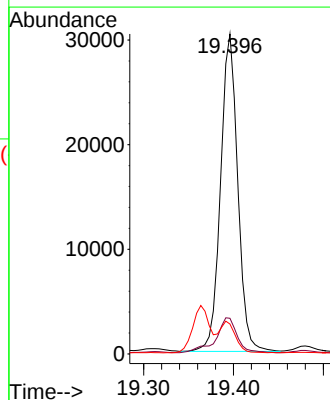
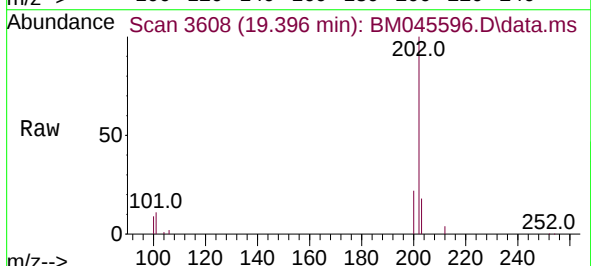
RT: 19.396 min Scan# 3608

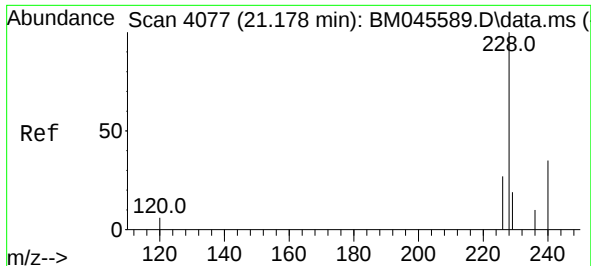
Delta R.T. -0.018 min

Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

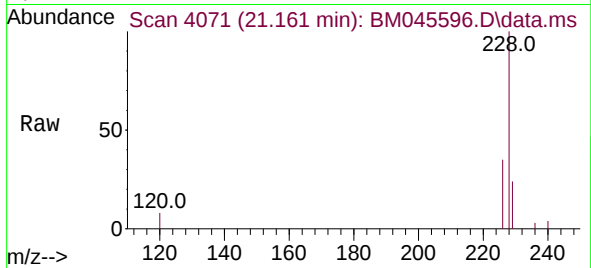
Tgt Ion:	202	Resp:	40137
Ion Ratio	Lower	Upper	
202	100		
101	11.2	11.5	17.3#
100	9.3	10.6	15.8#





#21
Benzo(a)anthracene
Concen: 2.181 ng/ul
RT: 21.161 min Scan# 4071
Delta R.T. -0.020 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

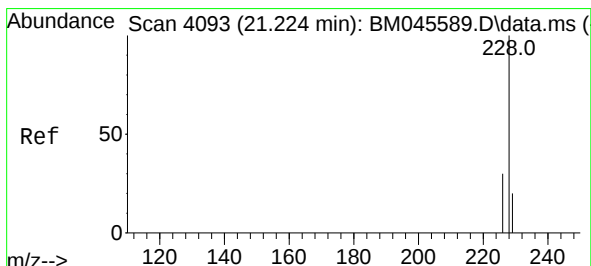
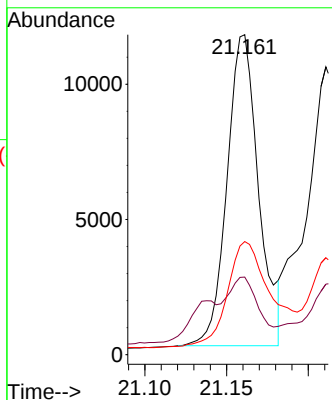
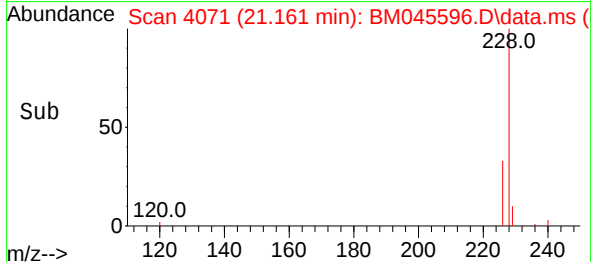
Instrument :
BNA_M
ClientSampleId :
E1CX0



Tgt Ion:228 Resp: 1547
Ion Ratio Lower Upper
228 100
229 24.2 19.4 29.2
226 35.3 26.3 39.5

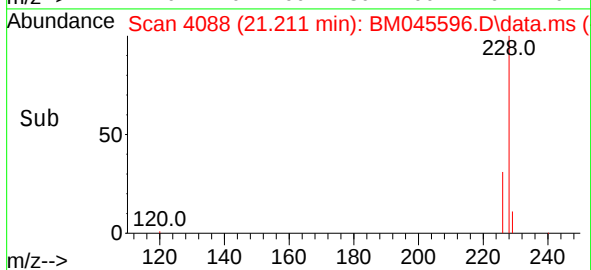
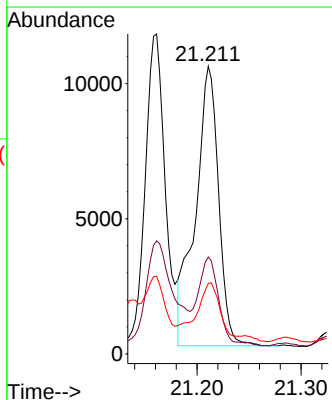
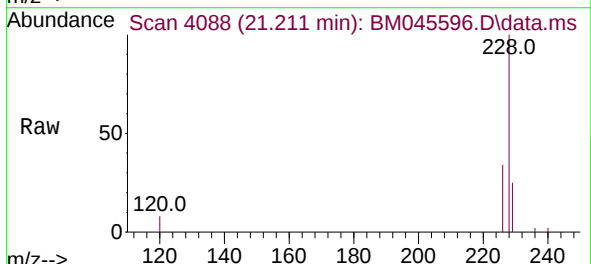
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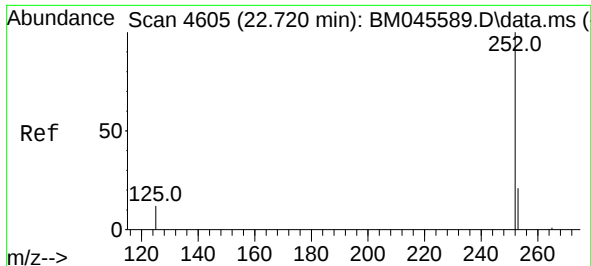
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 1.475 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.017 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:228 Resp: 16096
Ion Ratio Lower Upper
228 100
226 33.7 26.3 39.5
229 24.5 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 2.482 ng/ul m

RT: 22.710 min Scan# 4601

Delta R.T. -0.020 min

Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

Instrument :

BNM

ClientSampleId :

E1CX0

Tgt Ion:252 Resp: 2328

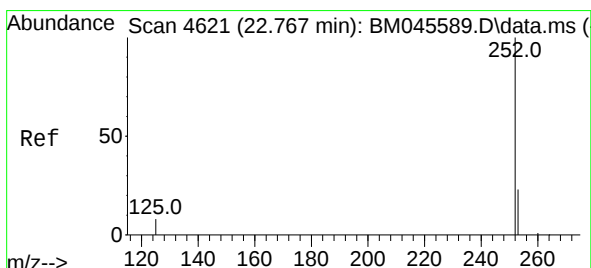
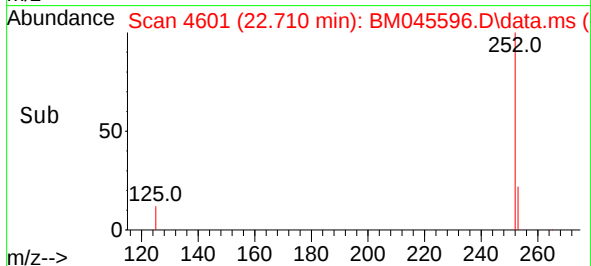
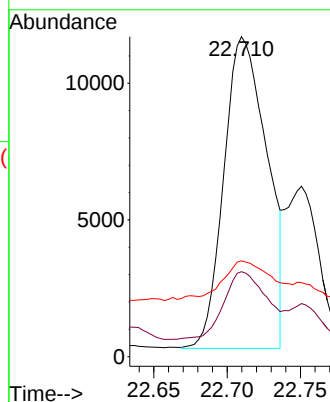
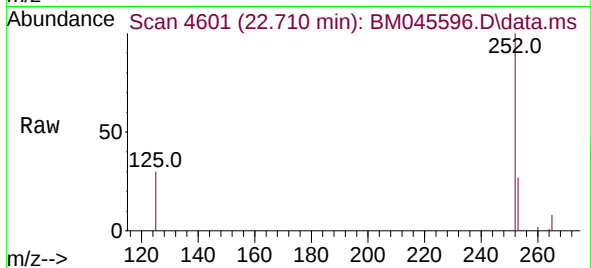
Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	63.4
125	30.0	0.0	36.8

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#25

Benzo(k)fluoranthene

Concen: 0.810 ng/ul m

RT: 22.751 min Scan# 4615

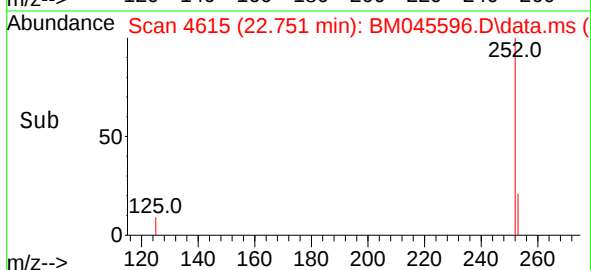
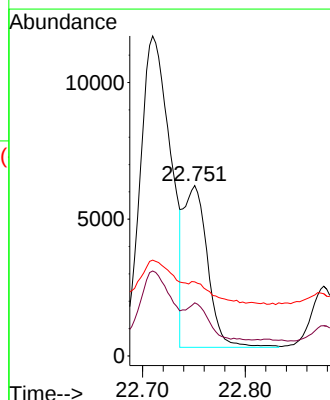
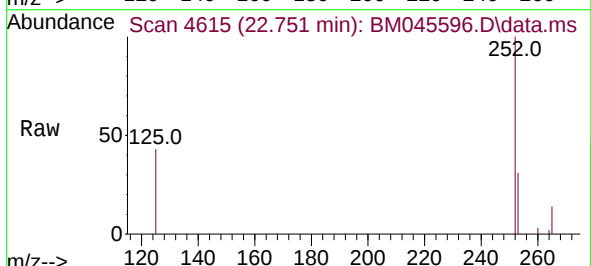
Delta R.T. -0.020 min

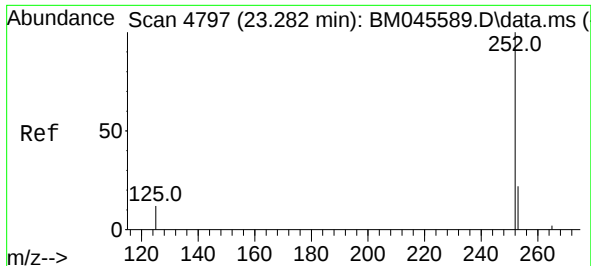
Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

Tgt Ion:252 Resp: 9604

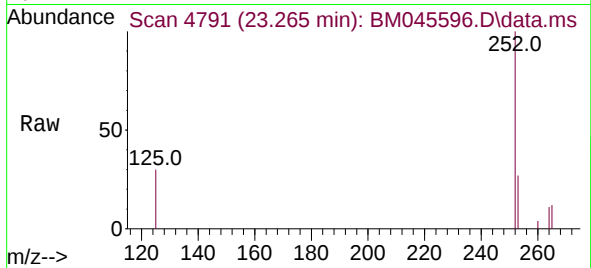
Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.4	38.0
125	43.5	14.8	22.2





#26
Benzo(a)pyrene
Concen: 1.687 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.026 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

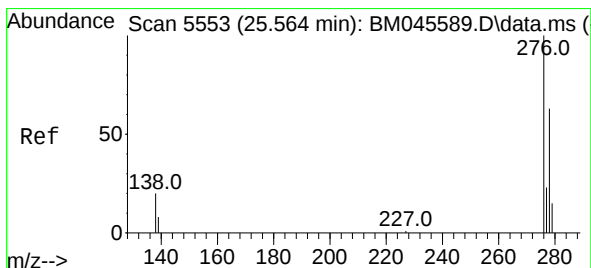
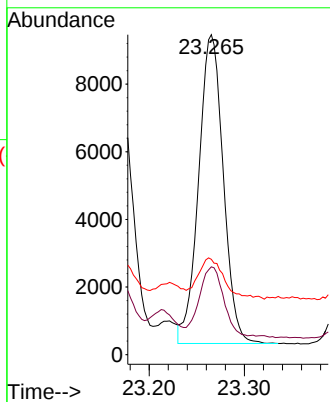
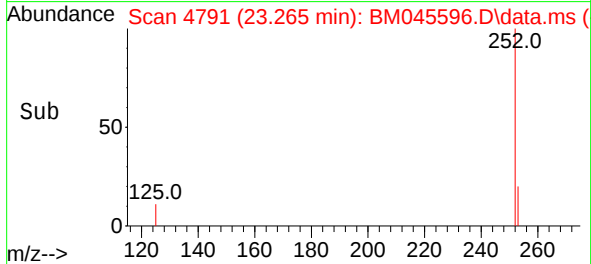
Instrument :
BNA_M
ClientSampleId :
E1CX0



Tgt Ion:252 Resp: 16419
Ion Ratio Lower Upper
252 100
253 27.5 31.6 47.4#
125 29.8 19.5 29.3#

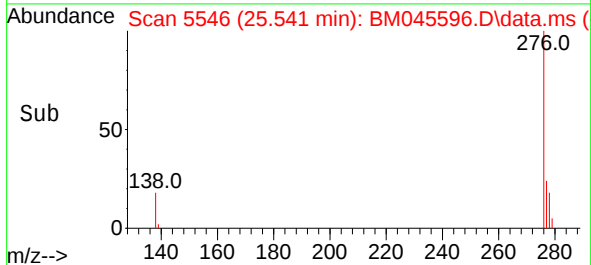
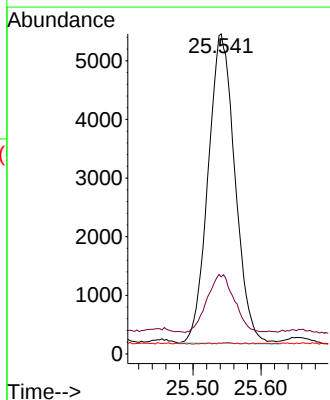
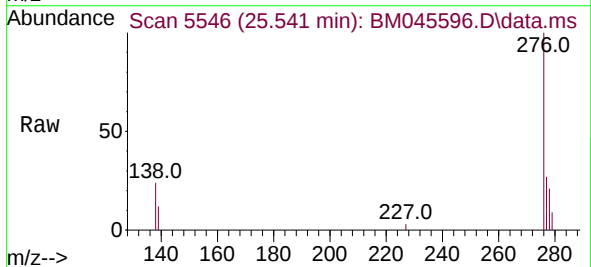
Manual Integrations
APPROVED

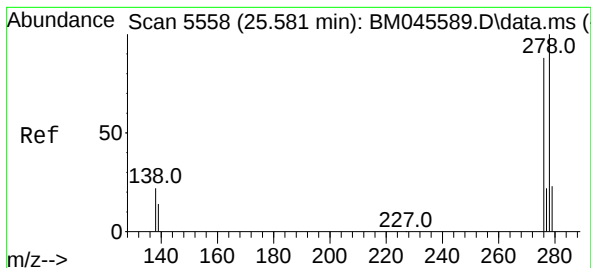
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.027 ng/ul
RT: 25.541 min Scan# 5546
Delta R.T. -0.030 min
Lab File: BM045596.D
Acq: 26 Apr 2024 20:16

Tgt Ion:276 Resp: 14519
Ion Ratio Lower Upper
276 100
138 19.2 19.8 29.6#
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.313 ng/ul

RT: 25.551 min Scan# 5549

Delta R.T. -0.037 min

Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

Instrument :

BNA_M

ClientSampleId :

E1CX0

Tgt Ion:278 Resp: 351

Ion Ratio Lower Upper

278 100

139 52.9 19.0 28.6

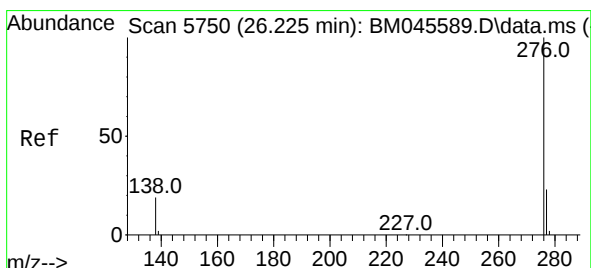
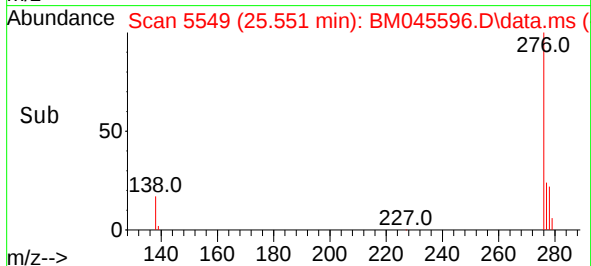
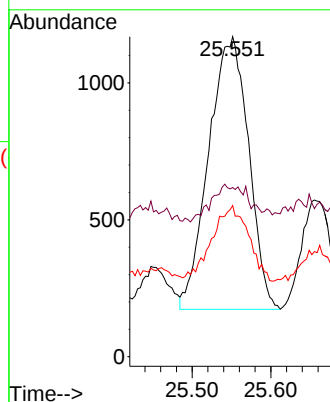
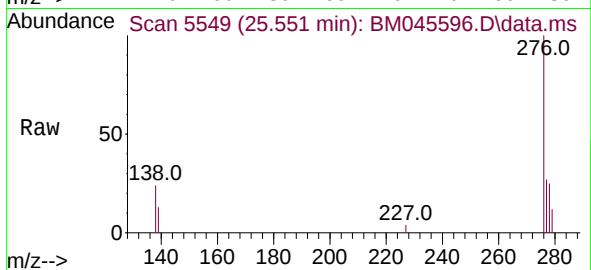
279 47.2 29.4 44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 1.204 ng/ul

RT: 26.212 min Scan# 5746

Delta R.T. -0.023 min

Lab File: BM045596.D

Acq: 26 Apr 2024 20:16

Tgt Ion:276 Resp: 15305

Ion Ratio Lower Upper

276 100

138 23.7 20.8 31.2

277 26.1 21.8 32.8

