

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045584.D
 Acq On : 26 Apr 2024 09:54
 Operator : MA/JU
 Sample : P2037-19DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY5DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 11:34:26 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	7.542	152	997	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2673	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1255	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.964	188	2428	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.183	240	2031	0.400	ng/ul	0.00
23) Perylene-d12	23.366	264	3052	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1393	1.042	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	229	0.065	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212	386	0.060	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.358	128	13634	1.899	ng/ul#	87
7) 2-Methylnaphthalene	11.997	142	503	0.123	ng/ul	92
8) 1-Methylnaphthalene	12.217	142	293	0.064	ng/ul	98
10) Acenaphthylene	13.914	152	266	0.043	ng/ul#	58
11) Acenaphthene	14.257	153	129	0.028	ng/ul#	86
12) Fluorene	15.260	166	361	0.073	ng/ul#	96
15) Phenanthrene	17.002	178	1775	0.251	ng/ul	97
16) Anthracene	17.094	178	618m	0.093	ng/ul	
19) Fluoranthene	19.034	202	2503	0.267	ng/ul	95
20) Pyrene	19.397	202	2291	0.238	ng/ul	99
21) Benzo(a)anthracene	21.172	228	1759	0.271	ng/ul#	91
22) Chrysene	21.221	228	1780	0.178	ng/ul	95
24) Benzo(b)fluoranthene	22.715	252	4326	0.421	ng/ul	92
25) Benzo(k)fluoranthene	22.755	252	1465m	0.113	ng/ul	
26) Benzo(a)pyrene	23.267	252	3553	0.334	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.550	276	3262	0.211	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.560	278	751	0.061	ng/ul#	38
29) Benzo(g,h,i)perylene	26.218	276	2980	0.214	ng/ul	91

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

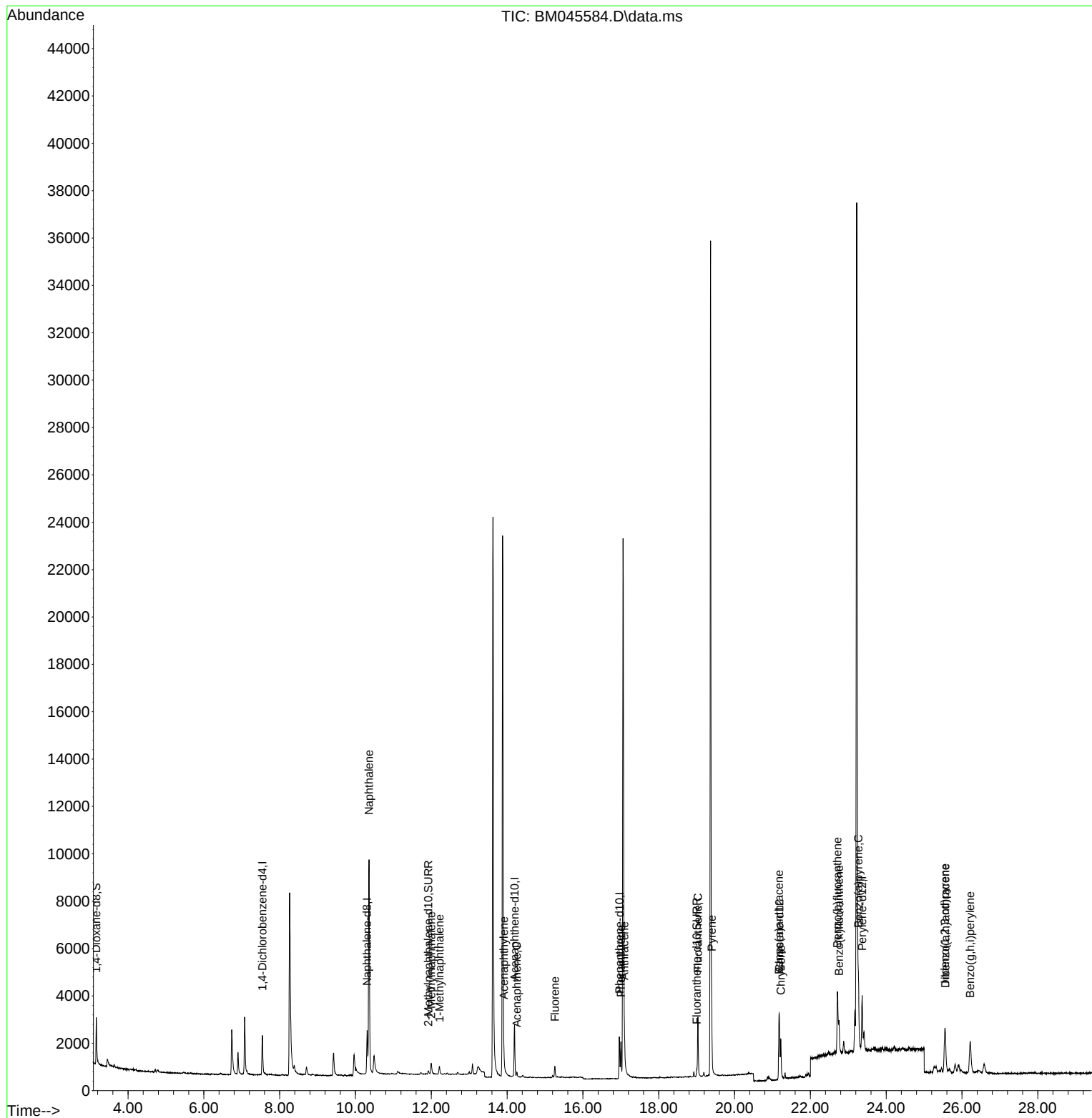
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045584.D
Acq On : 26 Apr 2024 09:54
Operator : MA/JU
Sample : P2037-19DL 5X
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ALS Vial : 21 Sample Multiplier: 1

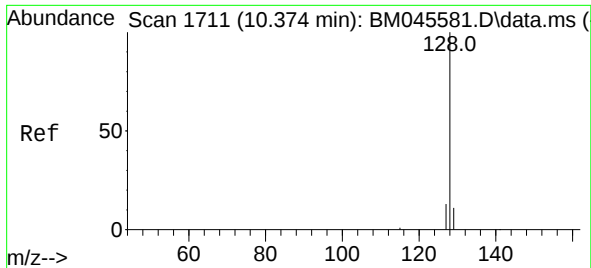
Instrument :
BNA_M
ClientSampleId :
E1CY5DL

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Supervised By :mohammad ahmed 04/27/2024

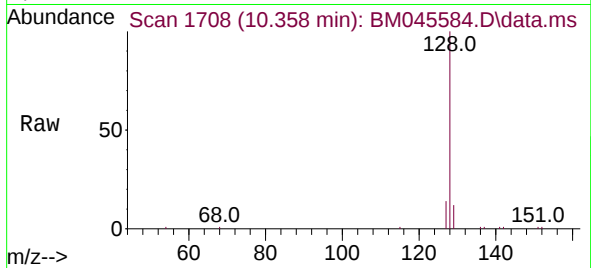
Quant Time: Apr 26 11:34:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.899 ng/ul
RT: 10.358 min Scan# 1711
Delta R.T. -0.022 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

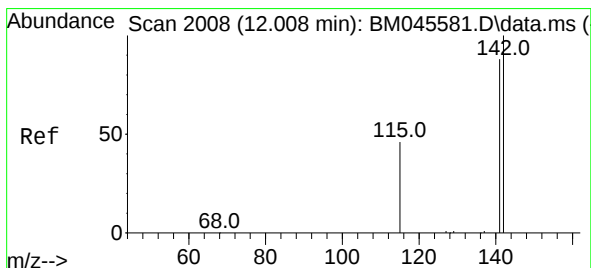
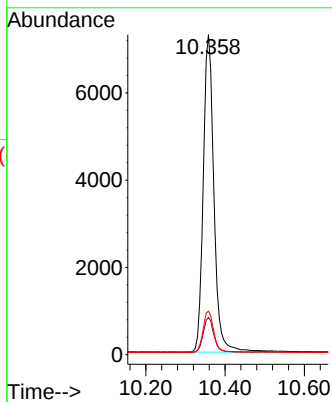
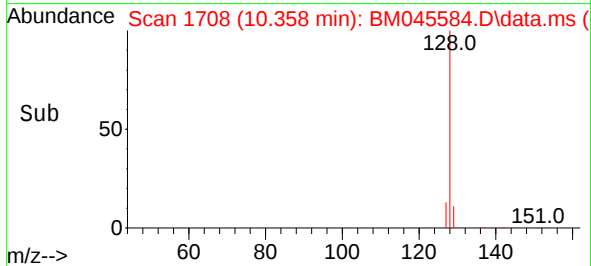
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



Tgt Ion:128 Resp: 13634
Ion Ratio Lower Upper
128 100
129 11.6 14.0 21.0
127 13.6 15.4 23.2

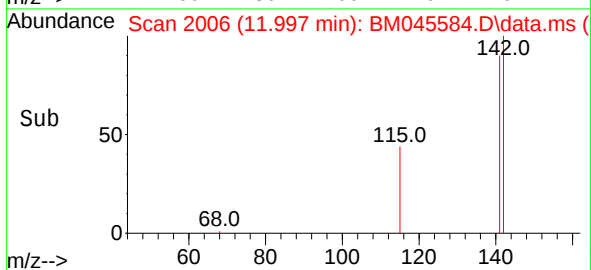
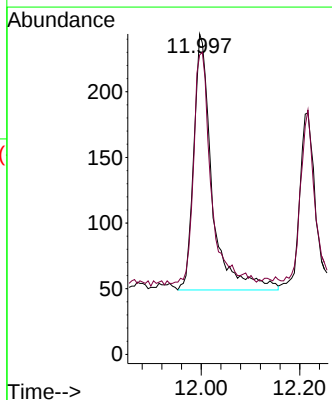
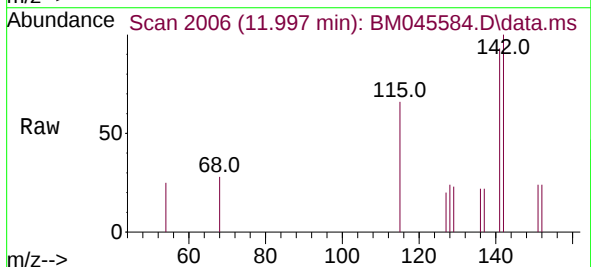
Manual Integrations
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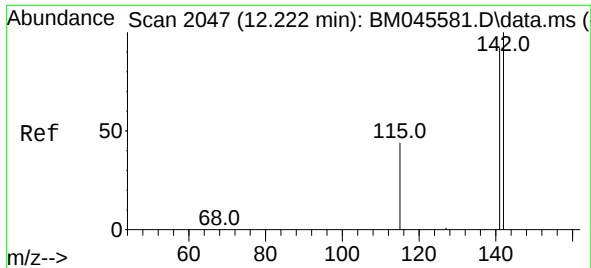
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

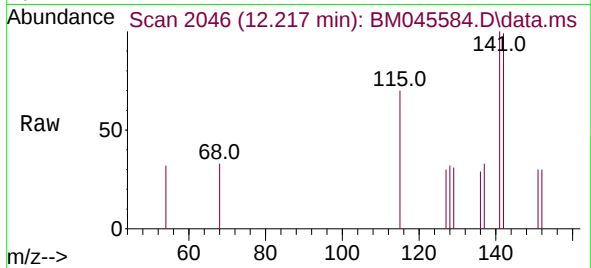
Tgt Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
141 85.3 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

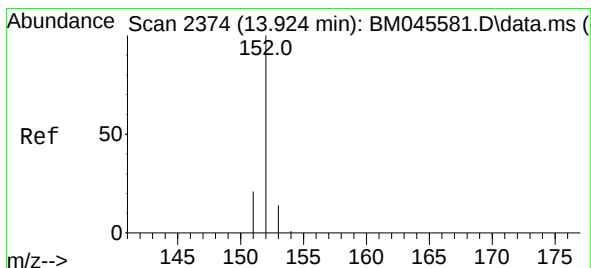
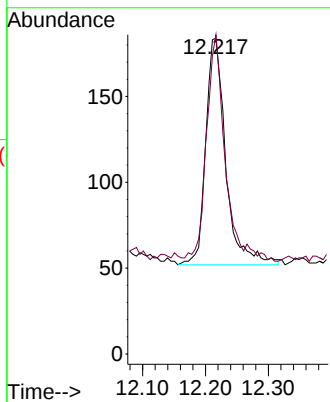
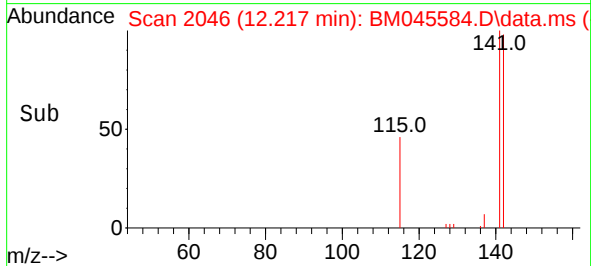
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



Tgt Ion:142 Resp: 293
Ion Ratio Lower Upper
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141 93.2 76.1 114.1

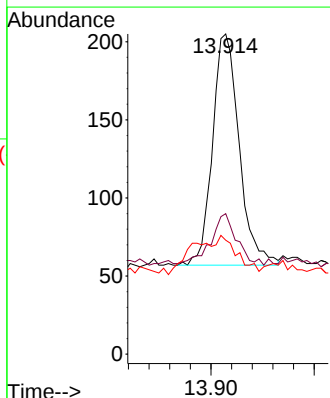
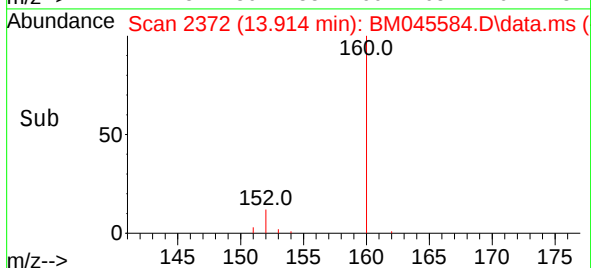
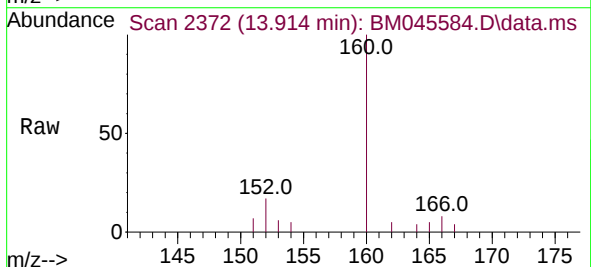
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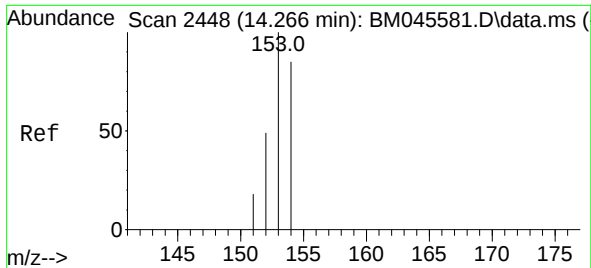
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.914 min Scan# 2372
Delta R.T. -0.013 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

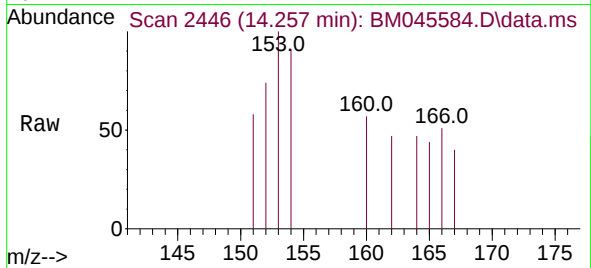
Tgt Ion:152 Resp: 266
Ion Ratio Lower Upper
152 100
151 43.9 18.6 28.0#
153 35.6 14.1 21.1#





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

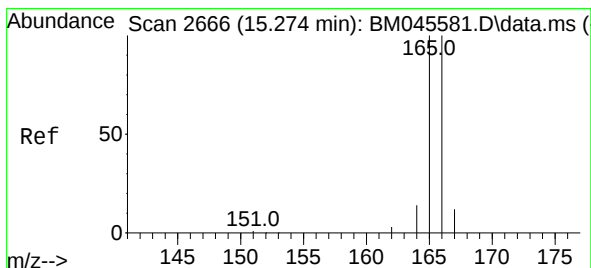
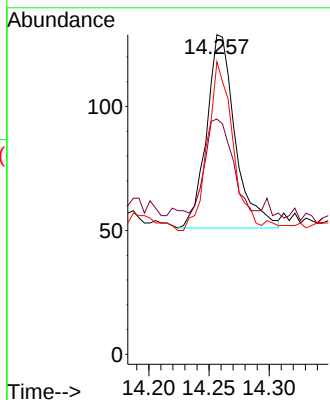
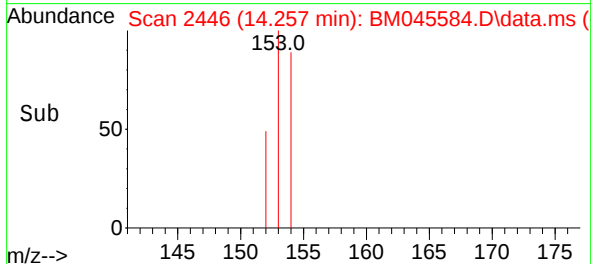
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



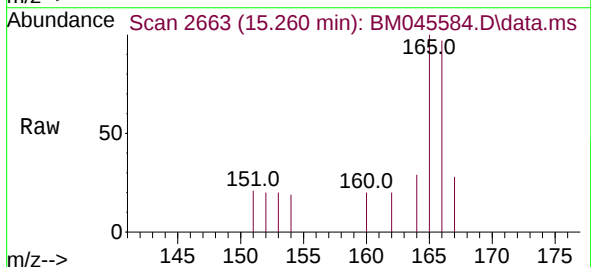
Tgt Ion:153 Resp: 129
Ion Ratio Lower Upper
153 100
152 73.6 43.4 65.2
154 91.5 69.0 103.6

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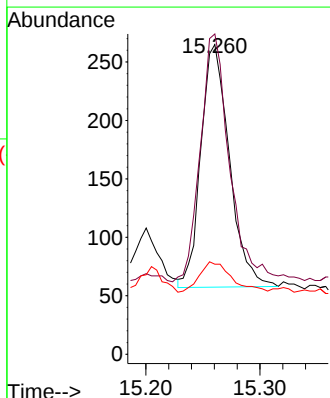
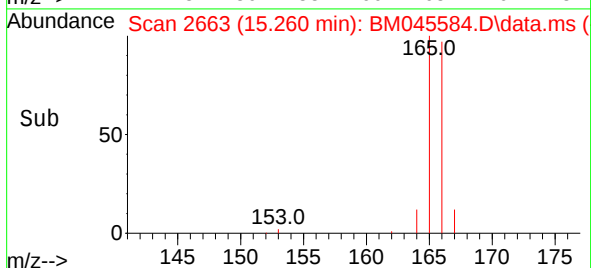
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

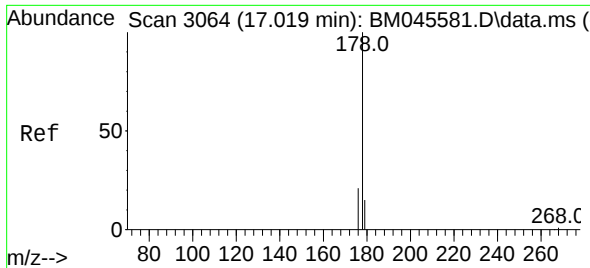


#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54



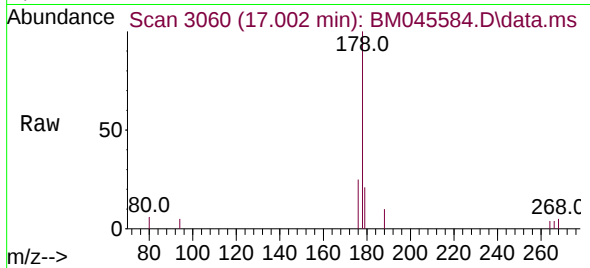
Tgt Ion:166 Resp: 361
Ion Ratio Lower Upper
166 100
165 103.4 82.2 123.2
167 29.1 14.8 22.2#





#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.002 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

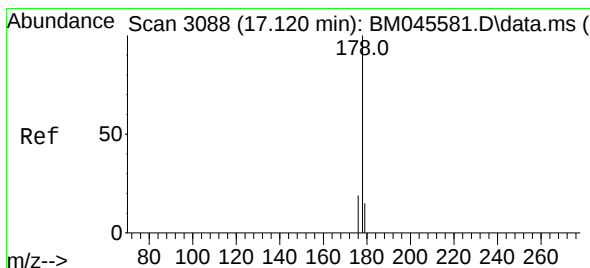
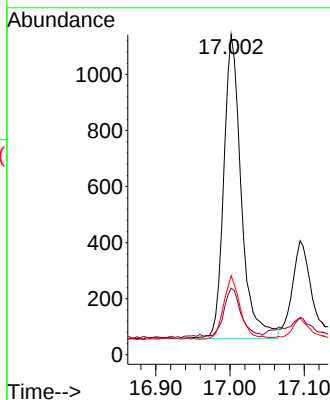
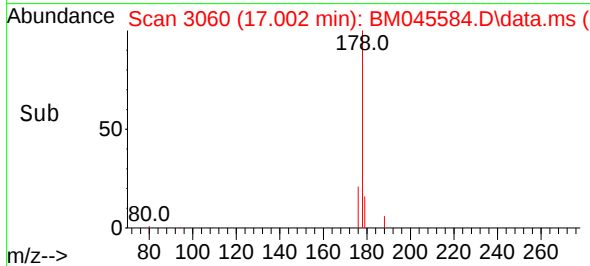
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



Tgt Ion:178 Resp: 1779
Ion Ratio Lower Upper
178 100
179 20.8 15.4 23.2
176 24.7 19.0 28.4

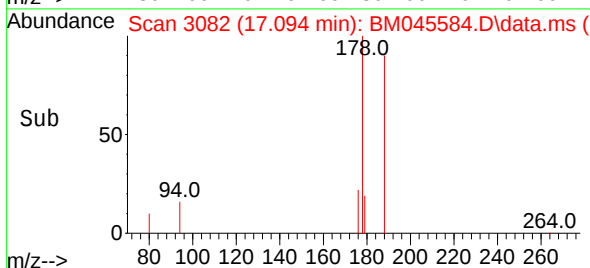
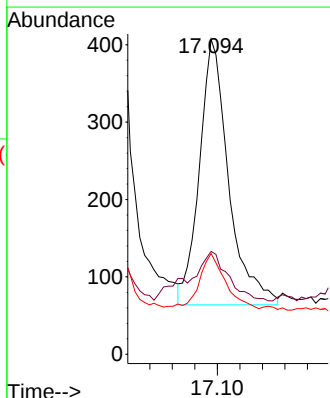
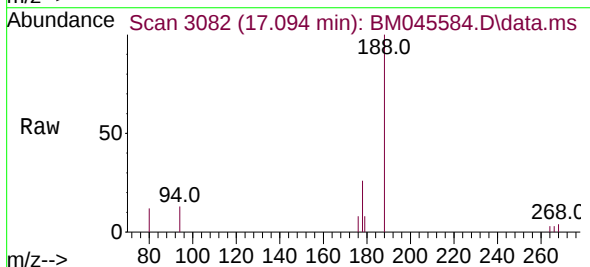
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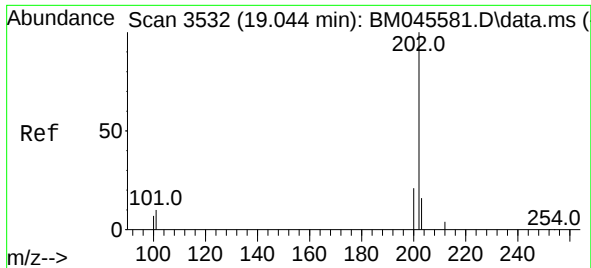
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.093 ng/ul m
RT: 17.094 min Scan# 3082
Delta R.T. -0.024 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

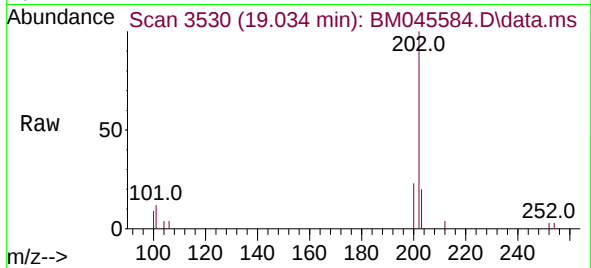
Tgt Ion:178 Resp: 618
Ion Ratio Lower Upper
178 100
179 32.7 17.8 26.6#
176 31.9 18.7 28.1#





#19
Fluoranthene
Concen: 0.267 ng/ul
RT: 19.034 min Scan# 3532
Delta R.T. -0.013 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

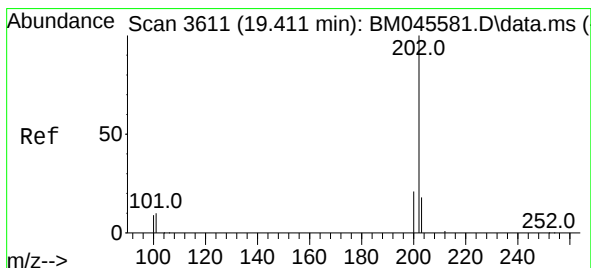
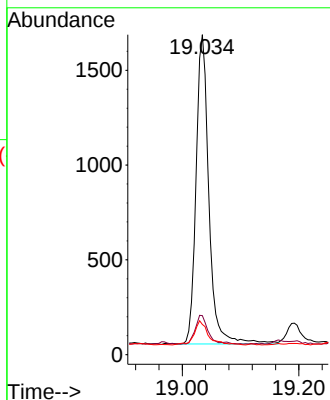
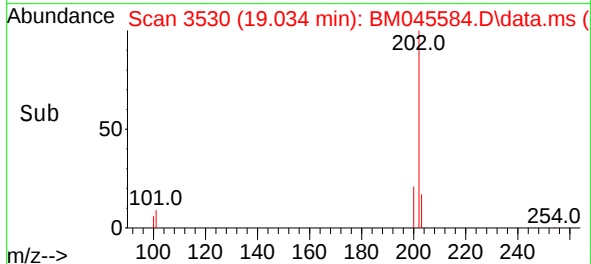
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



Tgt Ion:202 Resp: 2500
Ion Ratio Lower Upper
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101 12.2 11.2 16.8
100 9.4 9.1 13.7

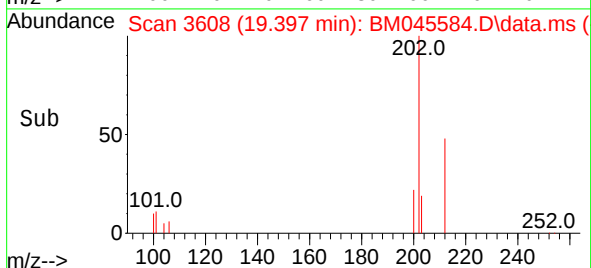
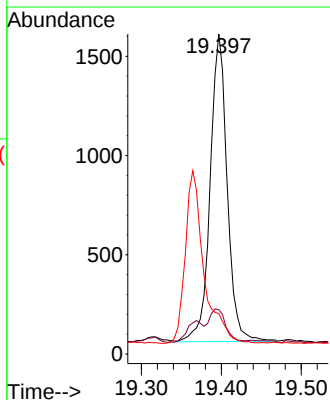
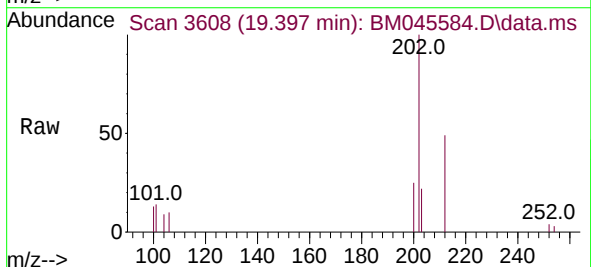
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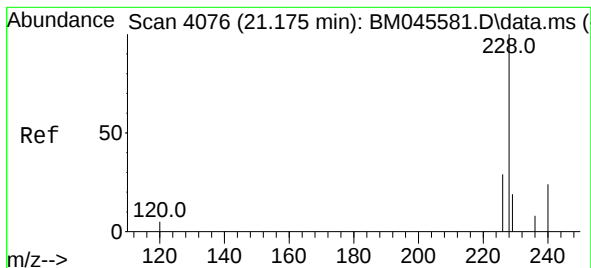
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.238 ng/ul
RT: 19.397 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

Tgt Ion:202 Resp: 2291
Ion Ratio Lower Upper
202 100
101 13.9 11.5 17.3
100 12.6 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.271 ng/ul

RT: 21.172 min Scan# 4076

Delta R.T. -0.010 min

Lab File: BM045584.D

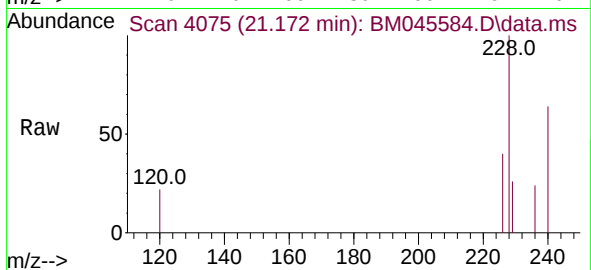
Acq: 26 Apr 2024 09:54

Instrument :

BNA_M

ClientSampleId :

E1CY5DL



Tgt Ion:228 Resp: 1759

Ion Ratio Lower Upper

228 100

229 26.1 19.4 29.2

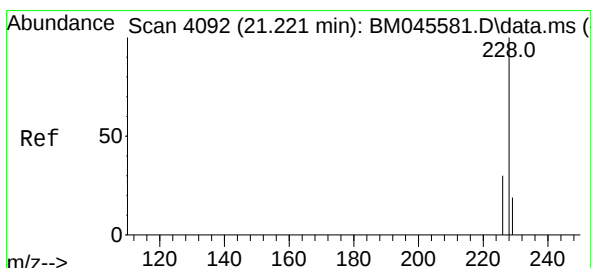
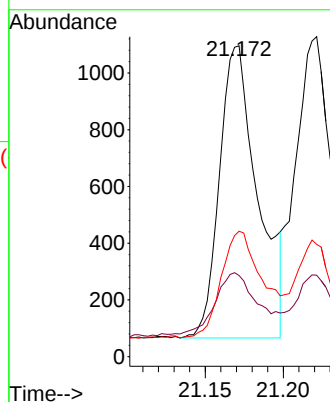
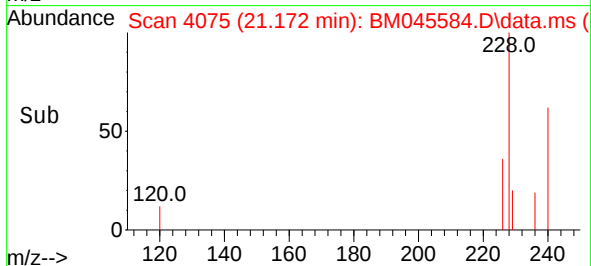
226 40.3 26.3 39.5

Manual Integrations

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Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#22

Chrysene

Concen: 0.178 ng/ul

RT: 21.221 min Scan# 4092

Delta R.T. -0.007 min

Lab File: BM045584.D

Acq: 26 Apr 2024 09:54

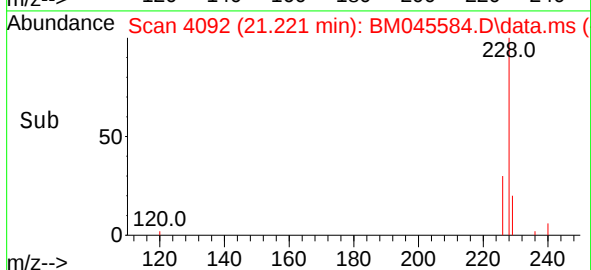
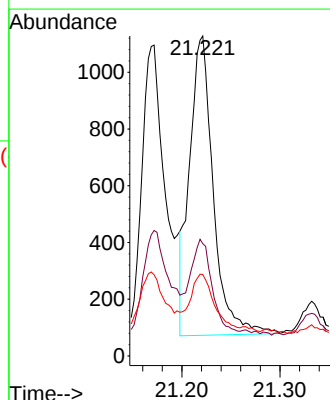
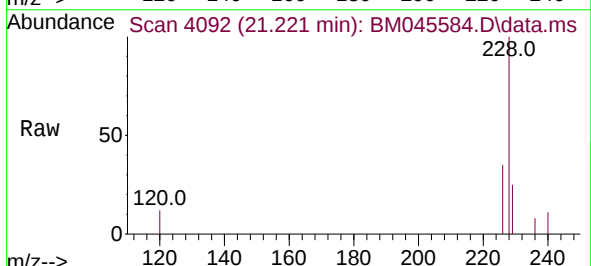
Tgt Ion:228 Resp: 1780

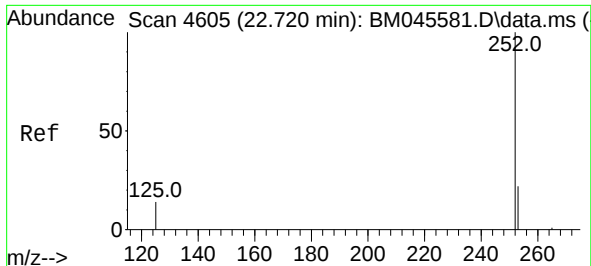
Ion Ratio Lower Upper

228 100

226 35.1 26.3 39.5

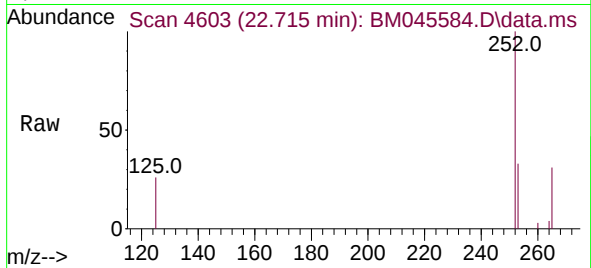
229 25.4 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.715 min Scan# 4603
Delta R.T. -0.015 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

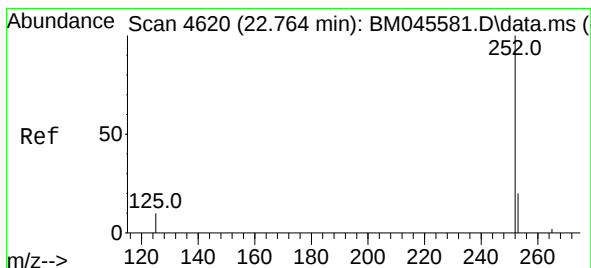
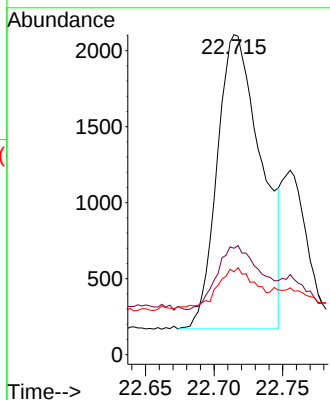
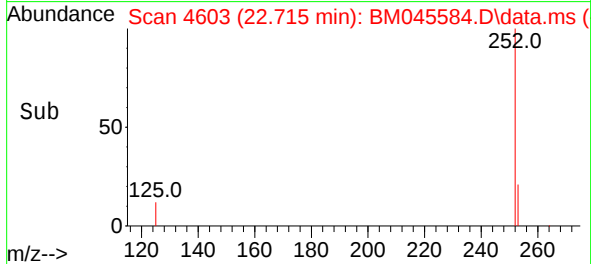
Instrument :
BNA_M
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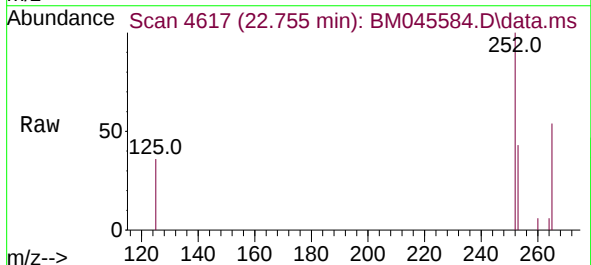
Tgt Ion:252 Resp: 4320
Ion Ratio Lower Upper
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253 33.3 0.0 63.4
125 25.8 0.0 36.8

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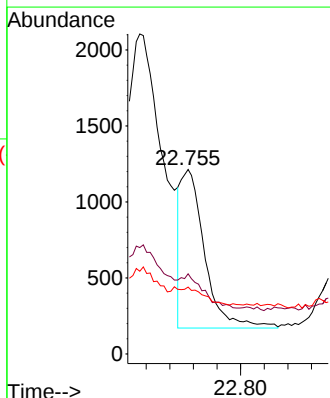
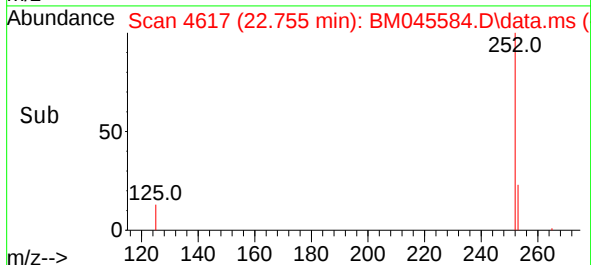
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024

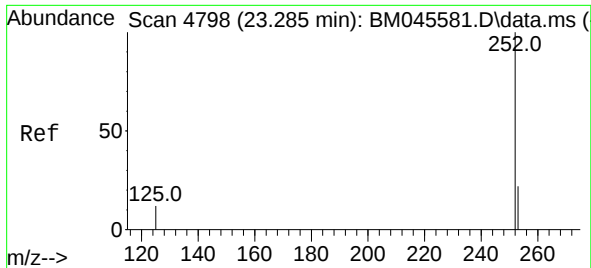


#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 22.755 min Scan# 4617
Delta R.T. -0.015 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54



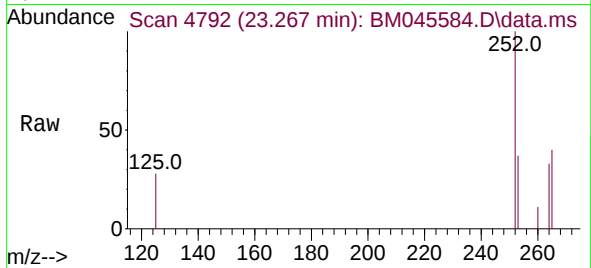
Tgt Ion:252 Resp: 1465
Ion Ratio Lower Upper
252 100
253 43.4 25.4 38.0#
125 36.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.267 min Scan# 41
Delta R.T. -0.024 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

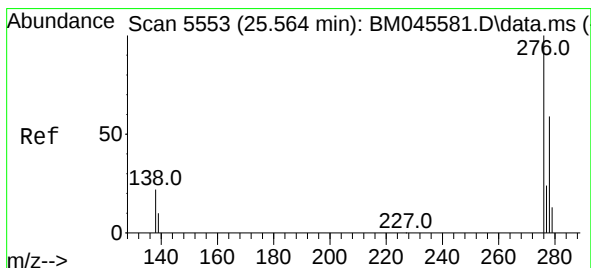
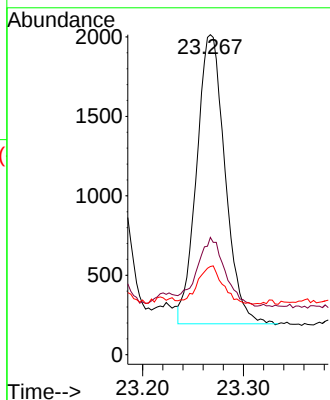
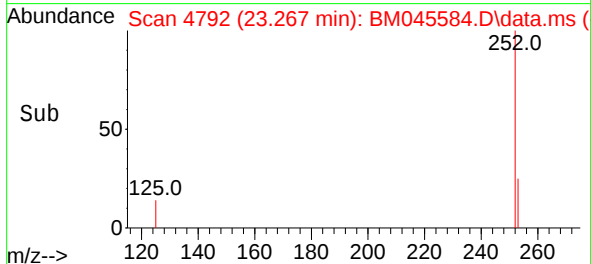
Instrument :
BNA_M
ClientSampleId :
E1CY5DL



Tgt Ion:252 Resp: 355
Ion Ratio Lower Upper
252 100
253 36.6 31.6 47.4
125 27.6 19.5 29.3

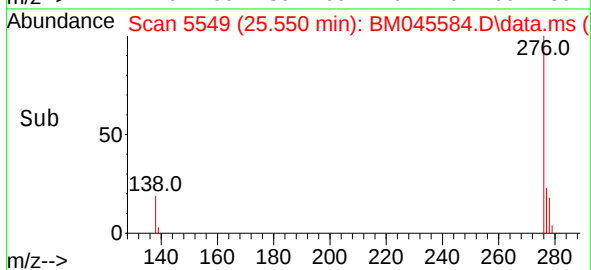
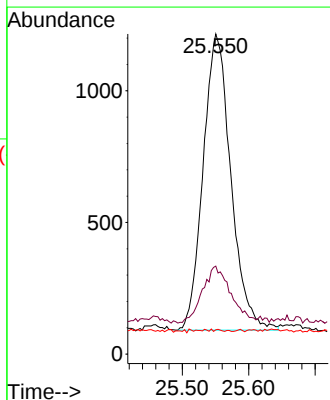
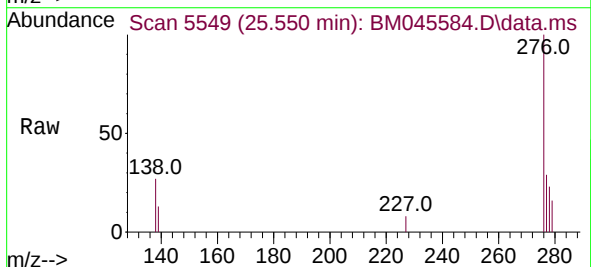
Manual Integrations
APPROVED

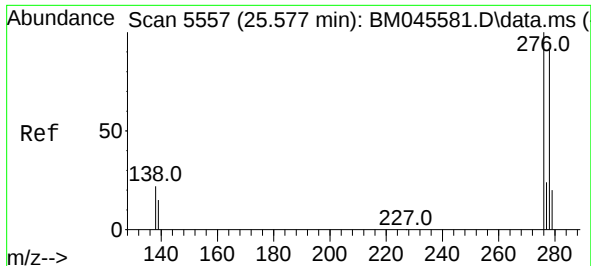
Reviewed By :Yogesh Patel 04/27/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.211 ng/ul
RT: 25.550 min Scan# 5549
Delta R.T. -0.021 min
Lab File: BM045584.D
Acq: 26 Apr 2024 09:54

Tgt Ion:276 Resp: 3262
Ion Ratio Lower Upper
276 100
138 19.6 19.8 29.6#
227 0.2 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 25.560 min Scan# 5552

Delta R.T. -0.028 min

Lab File: BM045584.D

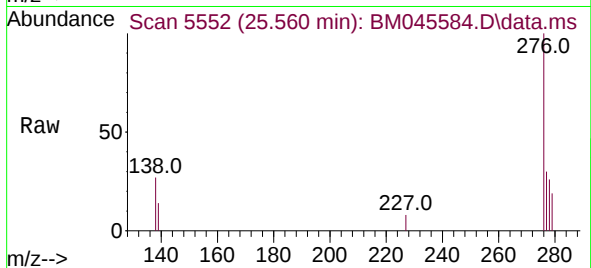
Acq: 26 Apr 2024 09:54

Instrument :

BNA_M

ClientSampleId :

E1CY5DL



Tgt Ion:278 Resp: 75

Ion Ratio Lower Upper

278 100

139 54.7 19.0 28.6

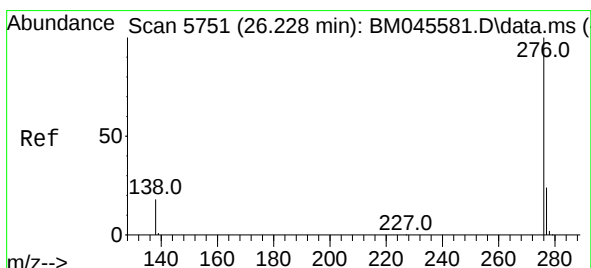
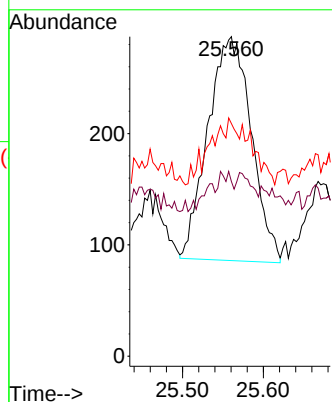
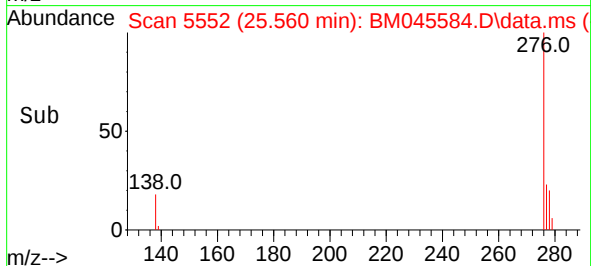
279 72.8 29.4 44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/27/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.214 ng/ul

RT: 26.218 min Scan# 5748

Delta R.T. -0.018 min

Lab File: BM045584.D

Acq: 26 Apr 2024 09:54

Tgt Ion:276 Resp: 2980

Ion Ratio Lower Upper

276 100

138 31.1 20.8 31.2

277 31.3 21.8 32.8

