

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045570.D
 Acq On : 25 Apr 2024 19:42
 Operator : MA/JU
 Sample : P2037-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY5

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 22:59:46 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	902	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2468	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1263	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2506m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	2029	0.400	ng/ul	-0.01
23) Perylene-d12	23.368	264	2483m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	6176	5.108	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	1078	0.331	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1959	0.307	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	59570	8.988	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	2180	0.576	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	1315	0.310	ng/ul	94
10) Acenaphthylene	13.913	152	1182	0.190	ng/ul#	88
11) Acenaphthene	14.260	153	552	0.119	ng/ul	93
12) Fluorene	15.255	166	1738	0.351	ng/ul	99
15) Phenanthrene	17.001	178	8329m	1.141	ng/ul	
16) Anthracene	17.094	178	2708	0.397	ng/ul	98
19) Fluoranthene	19.034	202	11898	1.271	ng/ul#	91
20) Pyrene	19.396	202	10644	1.106	ng/ul	95
21) Benzo(a)anthracene	21.164	228	8138m	1.255	ng/ul	
22) Chrysene	21.217	228	8453	0.848	ng/ul	99
24) Benzo(b)fluoranthene	22.716	252	18774m	2.248	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	7509m	0.712	ng/ul	
26) Benzo(a)pyrene	23.268	252	15278	1.764	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.548	276	14760	1.172	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.555	278	3481	0.349	ng/ul	94
29) Benzo(g,h,i)perylene	26.215	276	13031	1.152	ng/ul	94

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

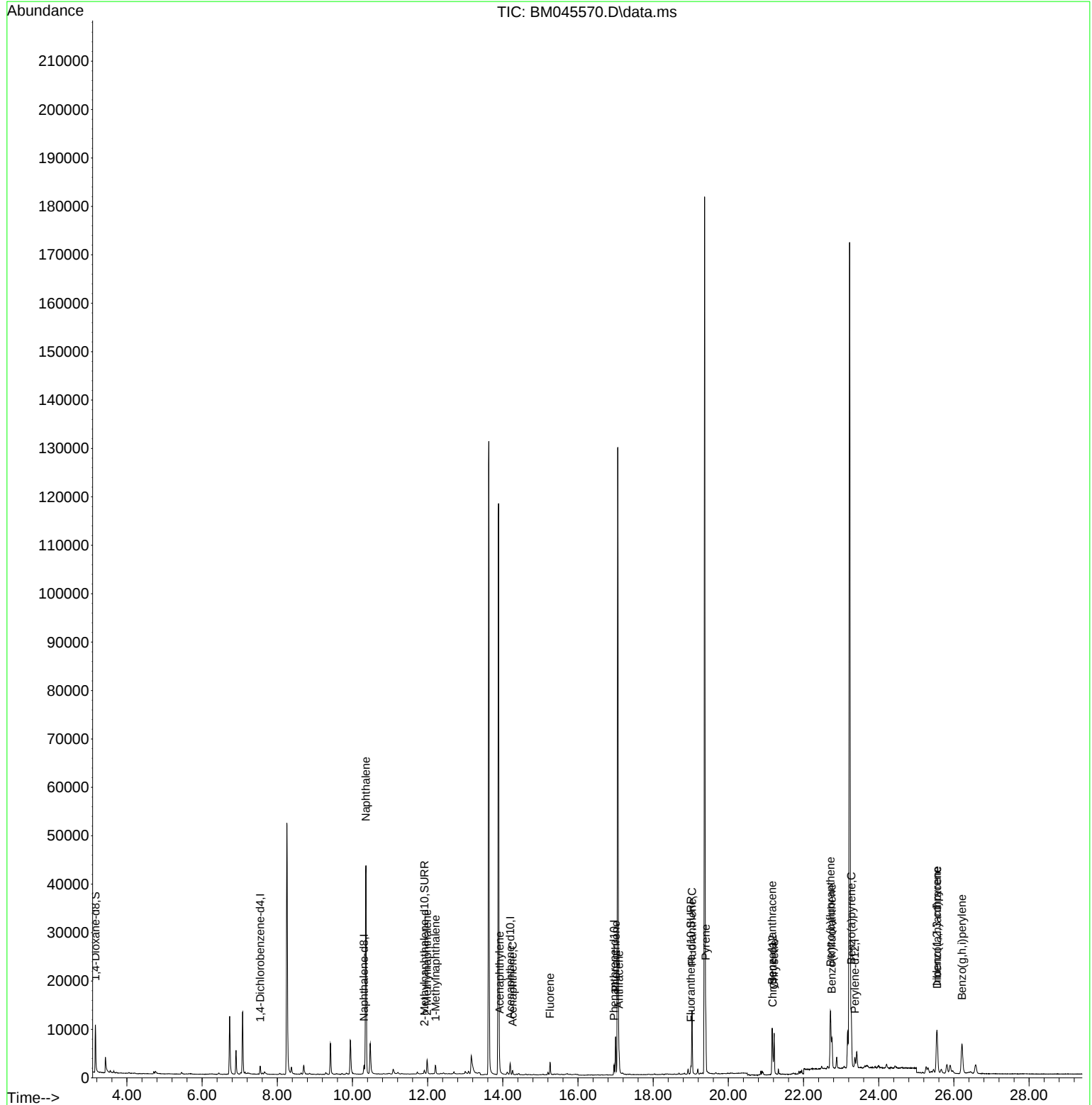
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045570.D
Acq On : 25 Apr 2024 19:42
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Sample : P2037-19
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ALS Vial : 6 Sample Multiplier: 1

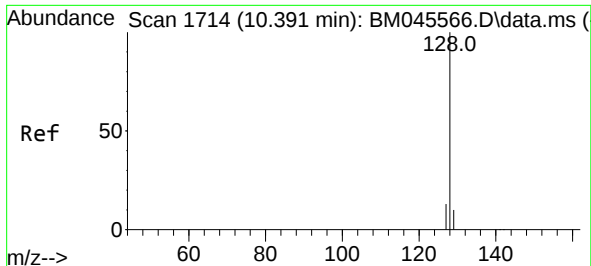
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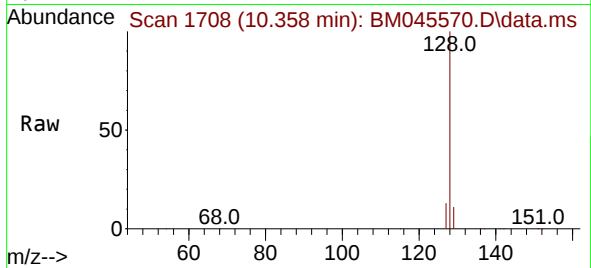
Quant Time: Apr 25 22:59:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 8.988 ng/ul
RT: 10.358 min Scan# 1
Delta R.T. -0.022 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

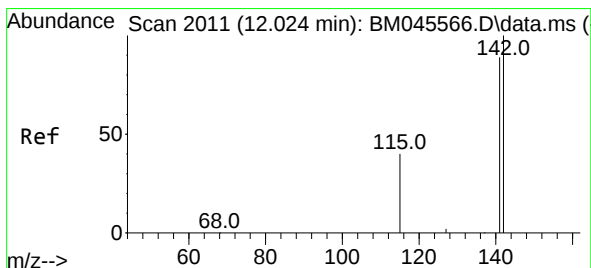
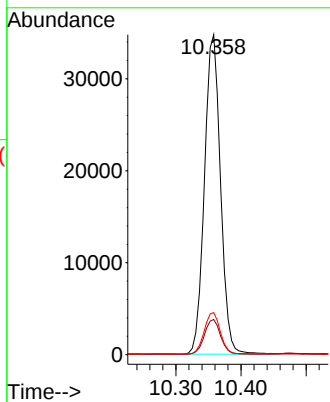
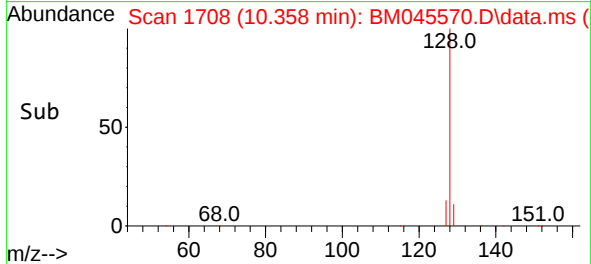
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:128 Resp: 59570
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0
127 13.2 15.4 23.2

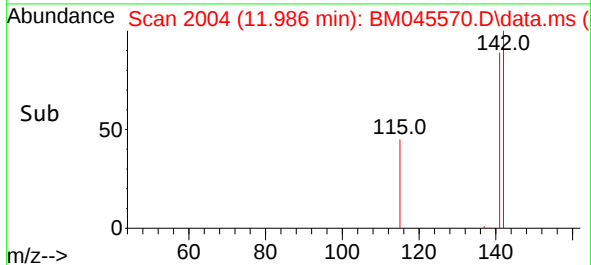
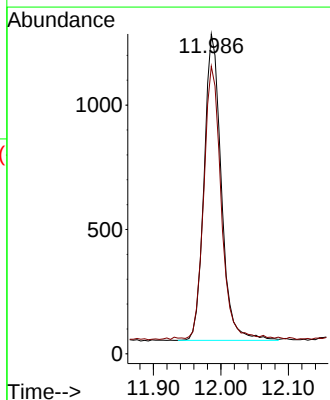
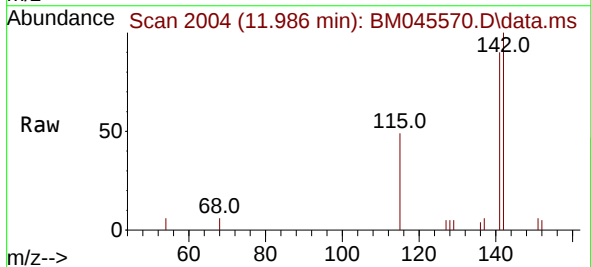
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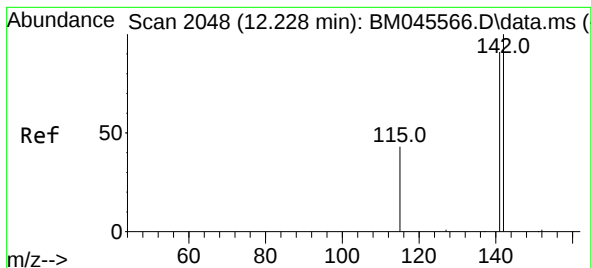
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.576 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

Tgt Ion:142 Resp: 2180
Ion Ratio Lower Upper
142 100
141 89.9 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.310 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045570.D

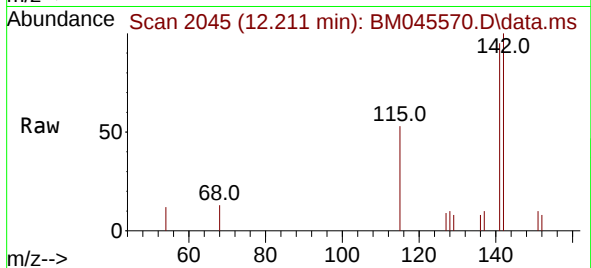
Acq: 25 Apr 2024 19:42

Instrument :

BNA_M

ClientSampleId :

E1CY5



Tgt Ion:142 Resp: 131

Ion Ratio Lower Upper

142 100

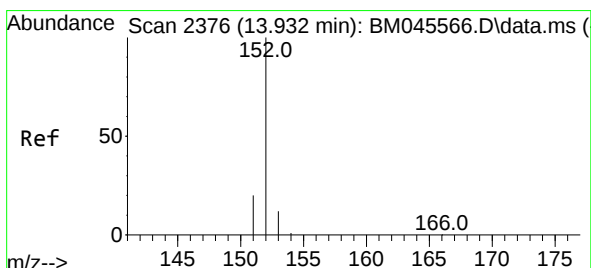
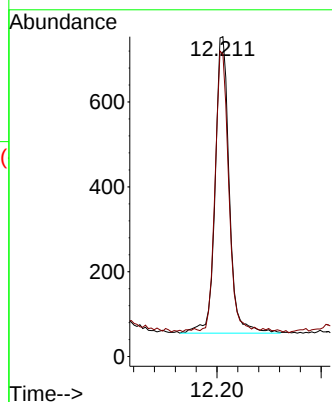
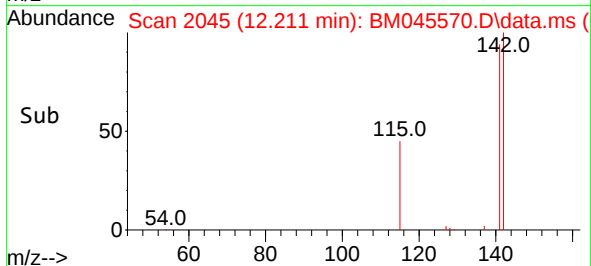
141 89.6 76.1 114.1

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#10

Acenaphthylene

Concen: 0.190 ng/ul

RT: 13.913 min Scan# 2372

Delta R.T. -0.014 min

Lab File: BM045570.D

Acq: 25 Apr 2024 19:42

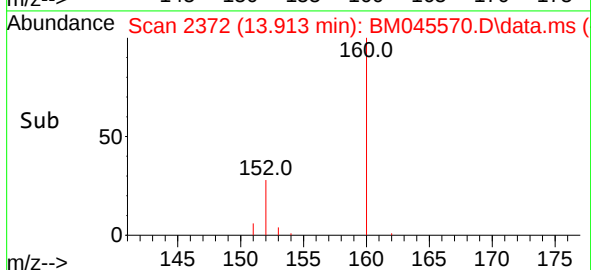
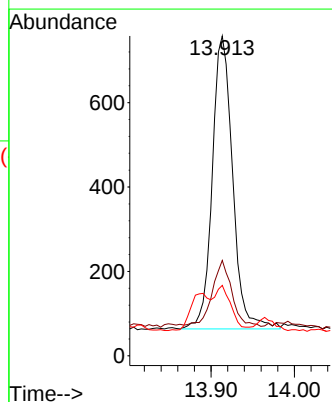
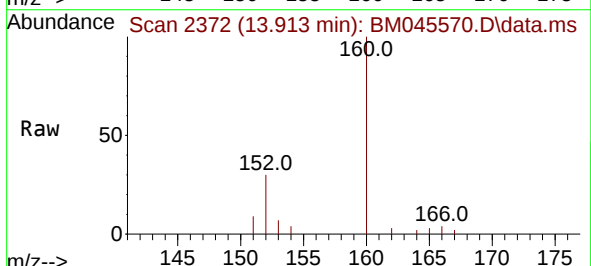
Tgt Ion:152 Resp: 1182

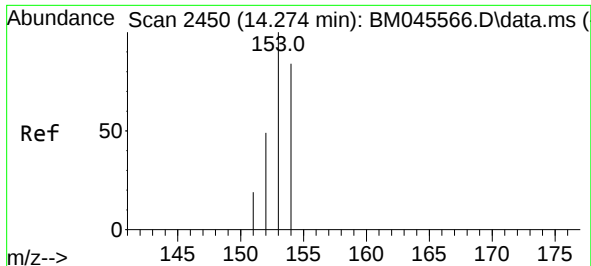
Ion Ratio Lower Upper

152 100

151 29.8 18.6 28.0#

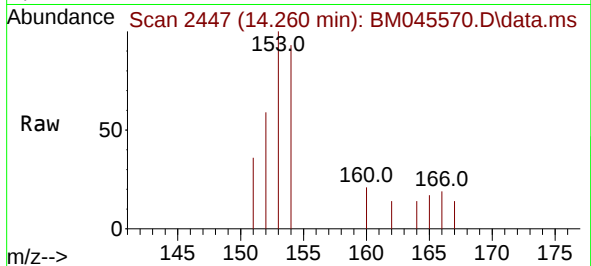
153 22.0 14.1 21.1#





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.260 min Scan# 2450
Delta R.T. -0.009 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

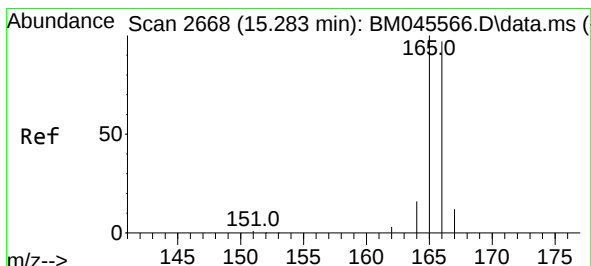
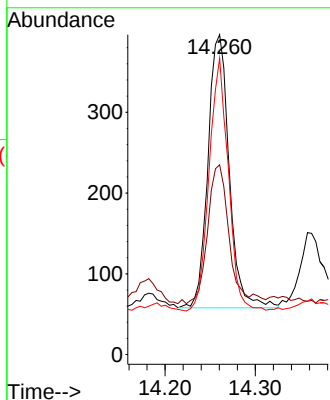
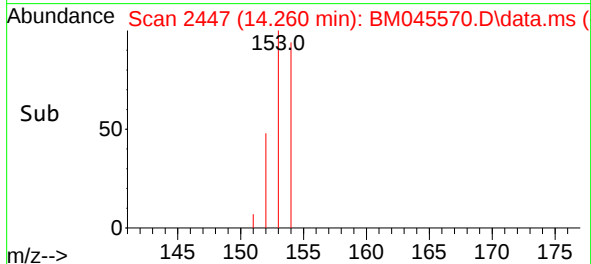
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:153 Resp: 552
Ion Ratio Lower Upper
153 100
152 59.3 43.4 65.2
154 92.7 69.0 103.6

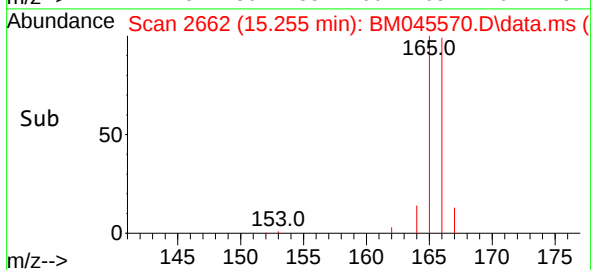
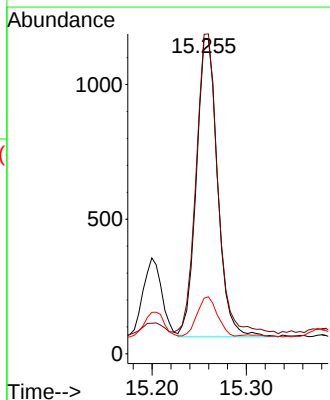
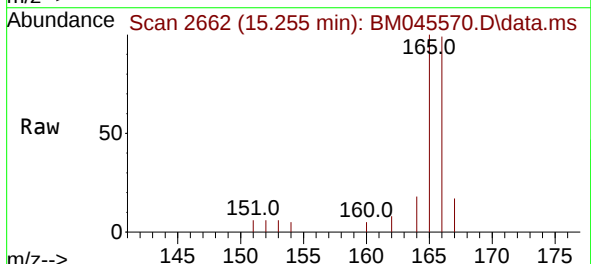
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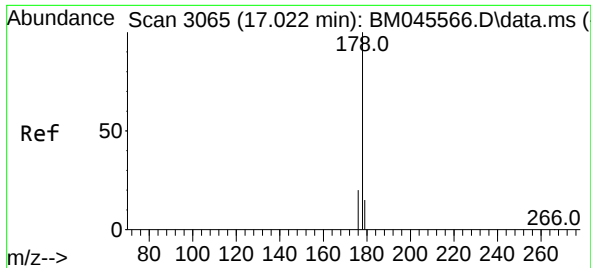
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

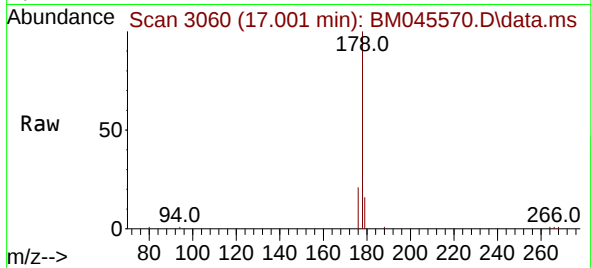
Tgt Ion:166 Resp: 1738
Ion Ratio Lower Upper
166 100
165 101.3 82.2 123.2
167 17.7 14.8 22.2





#15
Phenanthrene
Concen: 1.141 ng/ul m
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

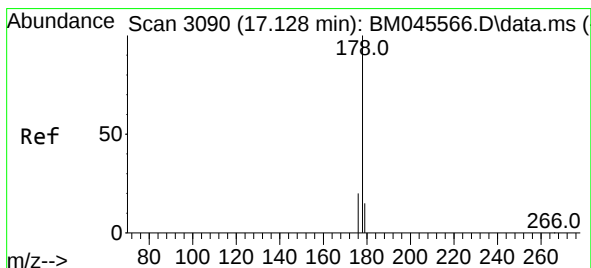
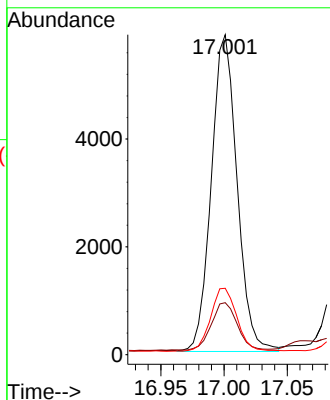
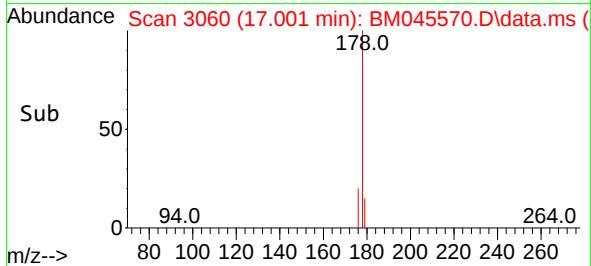
Instrument :
BNA_M
ClientSampleId :
E1CY5



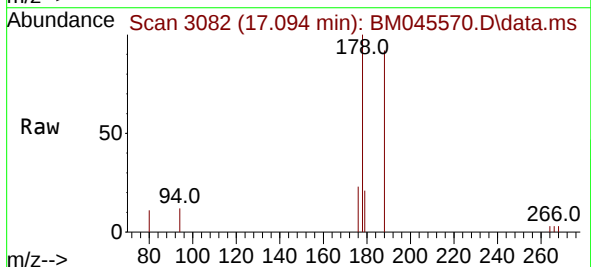
Tgt Ion:178 Resp: 8329
Ion Ratio Lower Upper
178 100
179 16.3 15.4 23.2
176 20.8 19.0 28.4

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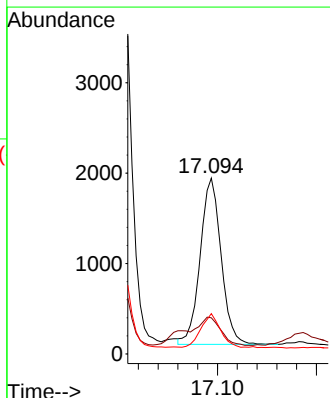
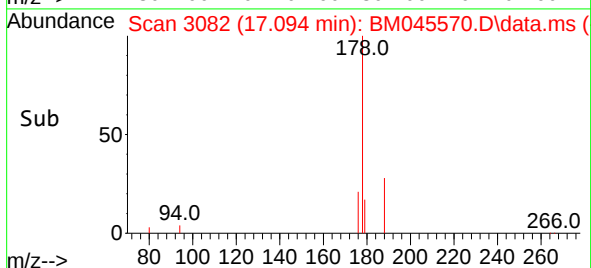
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

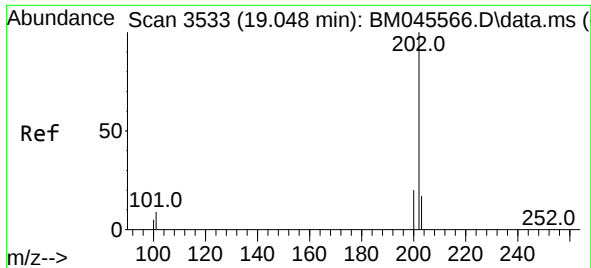


#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42



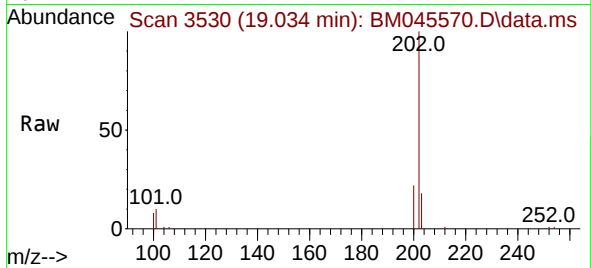
Tgt Ion:178 Resp: 2708
Ion Ratio Lower Upper
178 100
179 20.6 17.8 26.6
176 23.0 18.7 28.1





#19
Fluoranthene
Concen: 1.271 ng/ul
RT: 19.034 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

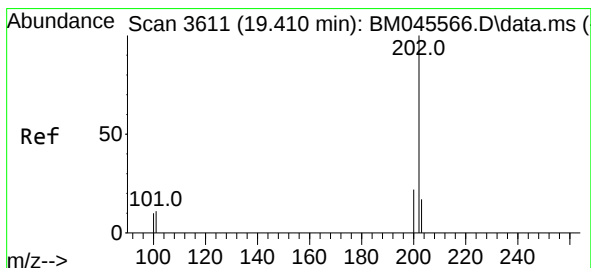
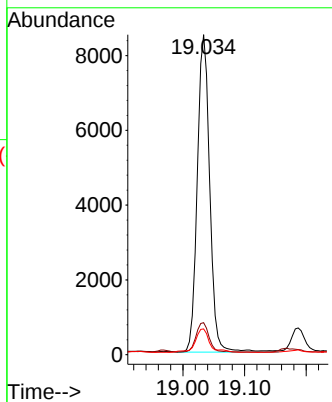
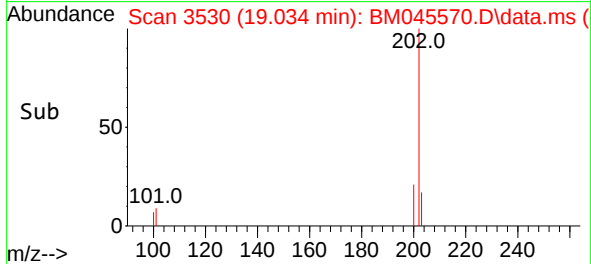
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:202 Resp: 1189
Ion Ratio Lower Upper
202 100
101 10.0 11.2 16.8
100 8.0 9.1 13.7

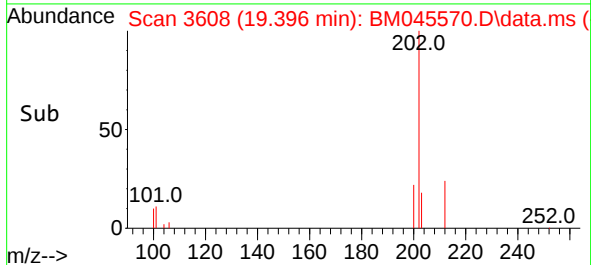
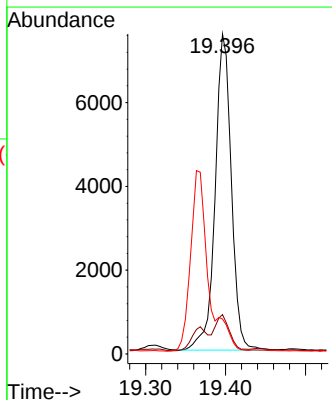
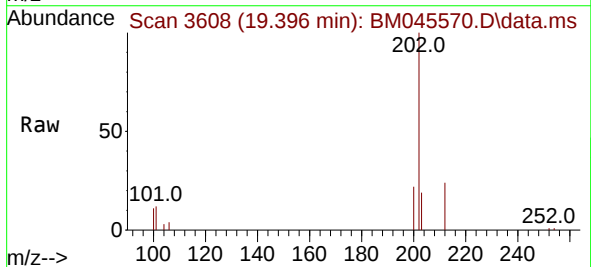
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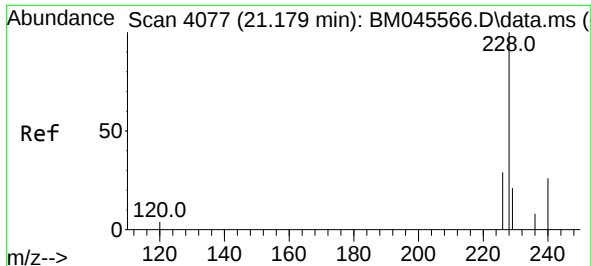
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 1.106 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

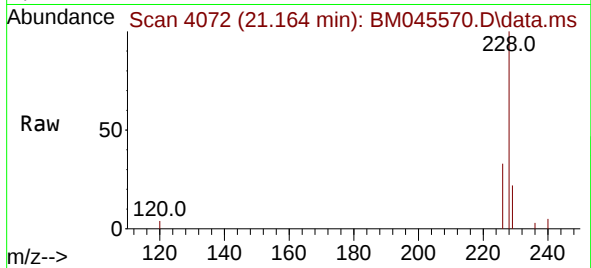
Tgt Ion:202 Resp: 10644
Ion Ratio Lower Upper
202 100
101 12.3 11.5 17.3
100 10.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.255 ng/ul m
RT: 21.164 min Scan# 4077
Delta R.T. -0.017 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

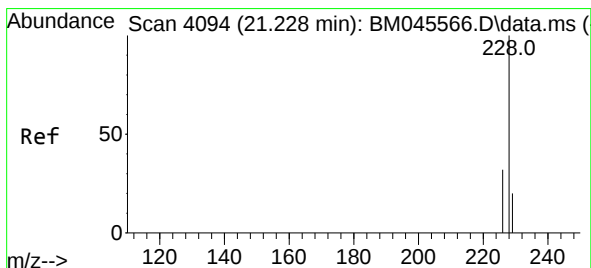
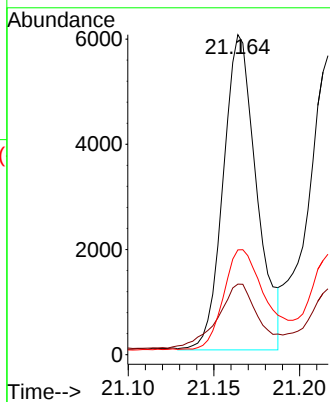
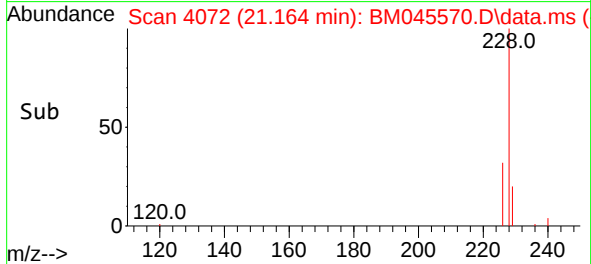
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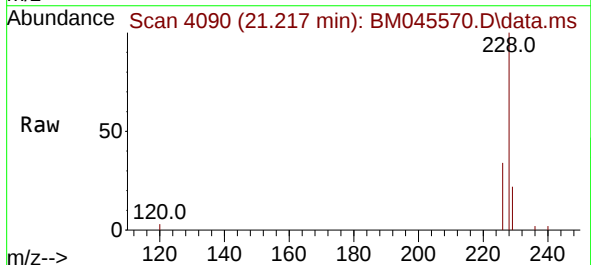
Tgt Ion:228 Resp: 8138
Ion Ratio Lower Upper
228 100
229 22.0 19.4 29.2
226 32.8 26.3 39.5

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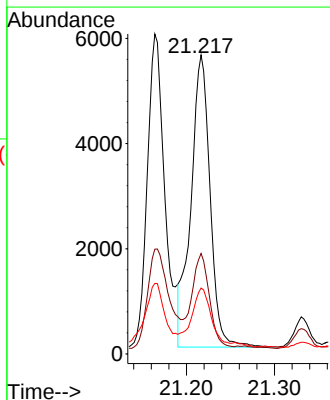
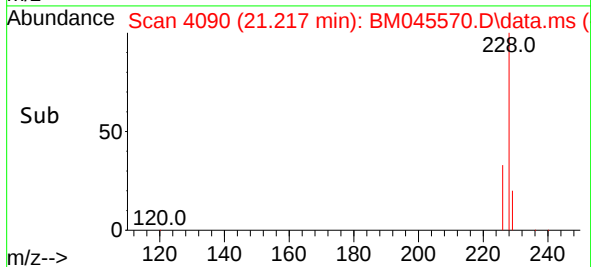
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

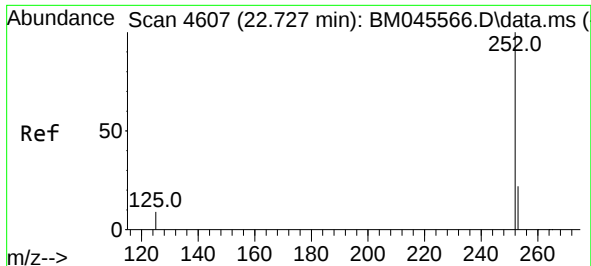


#22
Chrysene
Concen: 0.848 ng/ul
RT: 21.217 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42



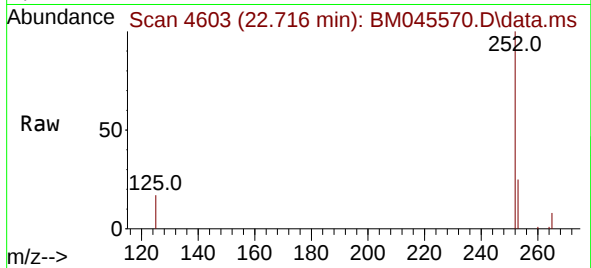
Tgt Ion:228 Resp: 8453
Ion Ratio Lower Upper
228 100
226 33.6 26.3 39.5
229 22.1 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.248 ng/ul m
RT: 22.716 min Scan# 4603
Delta R.T. -0.014 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

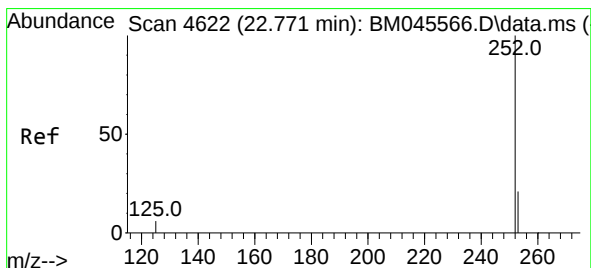
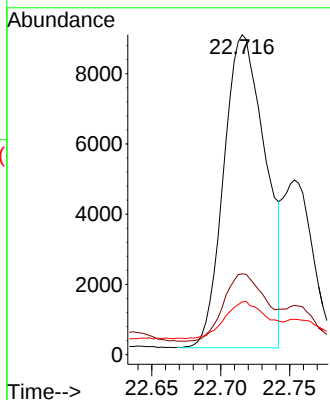
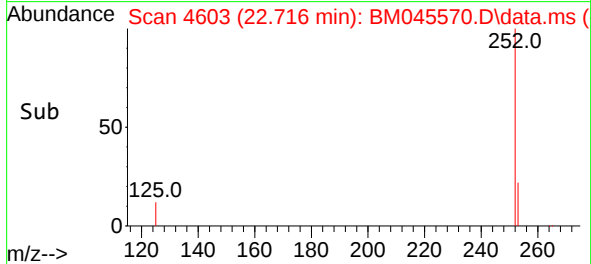
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:252 Resp: 18774
Ion Ratio Lower Upper
252 100
253 25.3 0.0 63.4
125 16.5 0.0 36.8

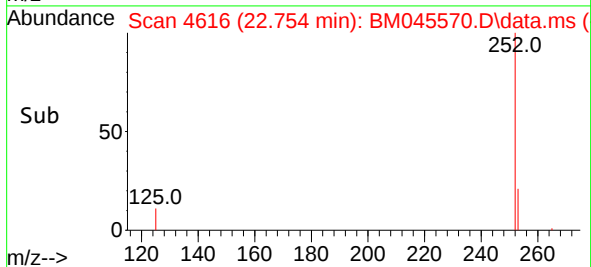
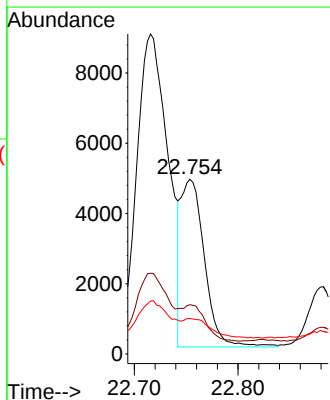
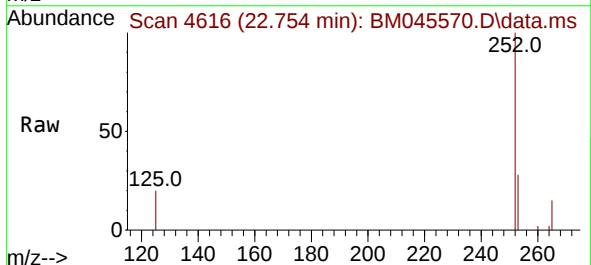
Manual Integrations
APPROVED

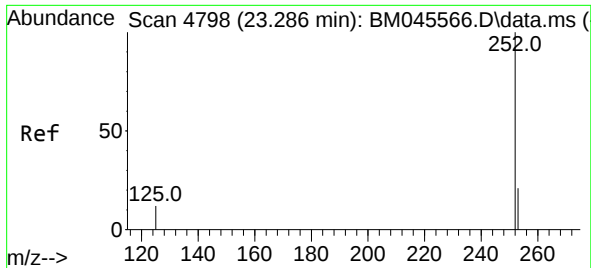
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.712 ng/ul m
RT: 22.754 min Scan# 4616
Delta R.T. -0.017 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

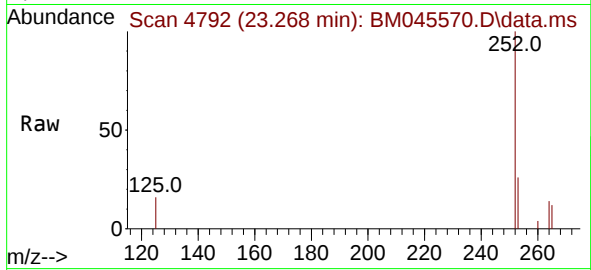
Tgt Ion:252 Resp: 7509
Ion Ratio Lower Upper
252 100
253 28.2 25.4 38.0
125 20.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.764 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.023 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

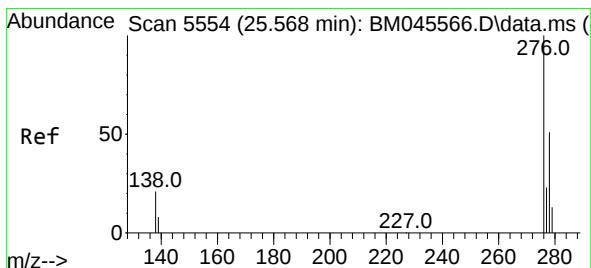
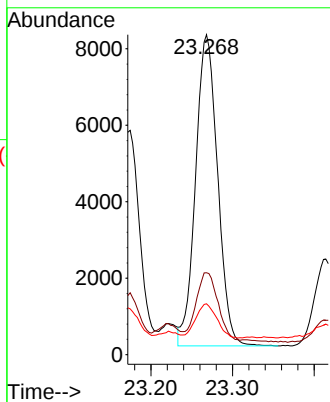
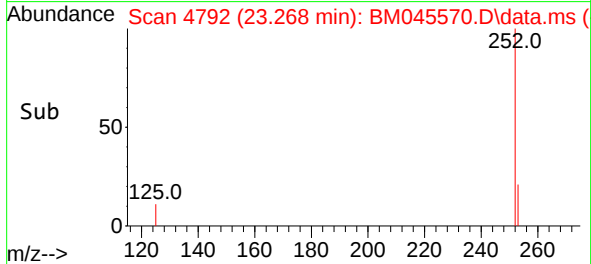
Instrument :
BNA_M
ClientSampleId :
E1CY5



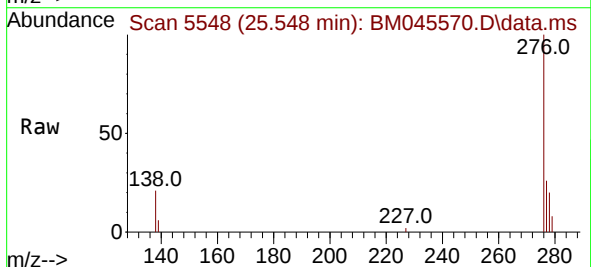
Tgt Ion:252 Resp: 15278
Ion Ratio Lower Upper
252 100
253 25.6 31.6 47.4#
125 15.9 19.5 29.3#

Manual Integrations
APPROVED

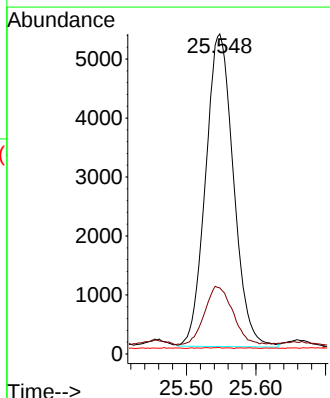
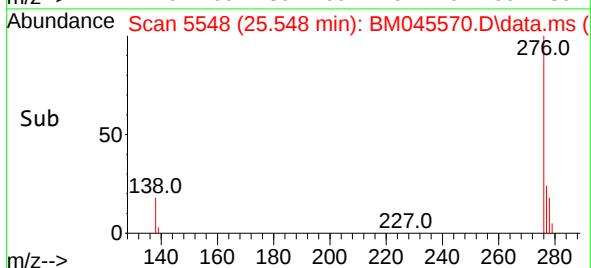
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

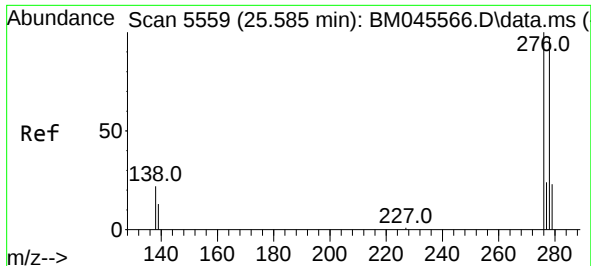


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.172 ng/ul
RT: 25.548 min Scan# 5548
Delta R.T. -0.023 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42



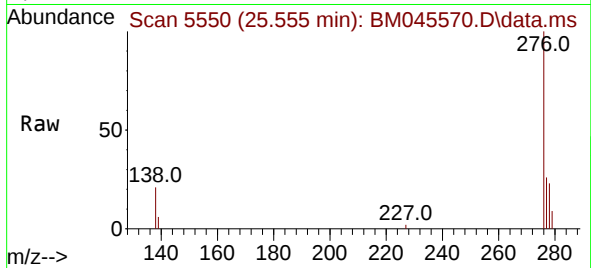
Tgt Ion:276 Resp: 14760
Ion Ratio Lower Upper
276 100
138 19.2 19.8 29.6#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.555 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42

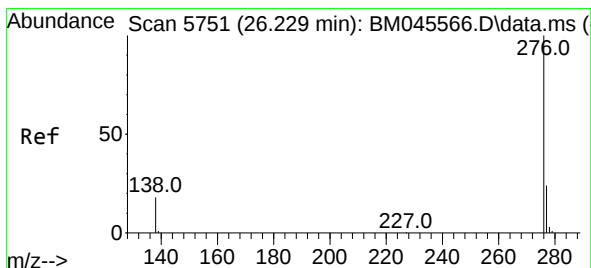
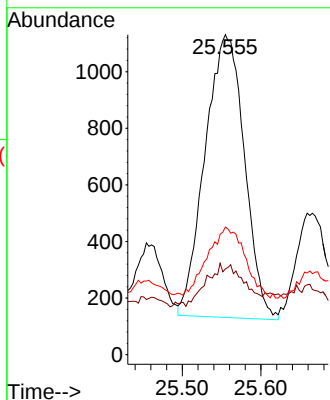
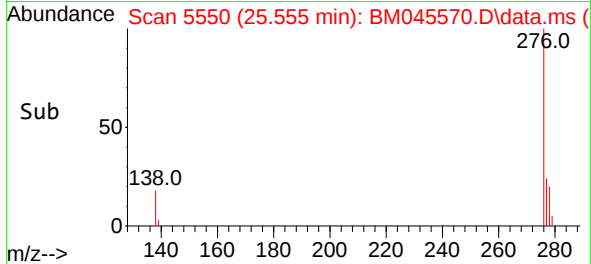
Instrument :
BNA_M
ClientSampleId :
E1CY5



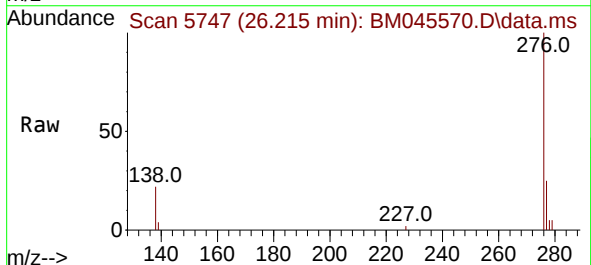
Tgt Ion:278 Resp: 348
Ion Ratio Lower Upper
278 100
139 26.8 19.0 28.6
279 39.9 29.4 44.2

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



#29
Benzo(g,h,i)perylene
Concen: 1.152 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. -0.020 min
Lab File: BM045570.D
Acq: 25 Apr 2024 19:42



Tgt Ion:276 Resp: 13031
Ion Ratio Lower Upper
276 100
138 21.7 20.8 31.2
277 25.2 21.8 32.8

