

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045501.D
 Acq On : 23 Apr 2024 04:29
 Operator : MA/JU
 Sample : P2037-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:33:17 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 : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1572	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.319	136	4865	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.206	164	2979	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	5318m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.192	240	5106m	0.400	ng/ul	-0.02
23) Perylene-d12	23.390	264	7072m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5909	2.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1739	0.271	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212	3828m	0.238	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.369	128	10122	0.775	ng/ul#	88
7) 2-Methylnaphthalene	11.997	142	2225	0.298	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1800	0.215	ng/ul	97
10) Acenaphthylene	13.919	152	2283	0.155	ng/ul#	30
11) Acenaphthene	14.266	153	1217	0.112	ng/ul#	83
12) Fluorene	15.265	166	1342m	0.115	ng/ul	
15) Phenanthrene	17.010	178	26690m	1.723	ng/ul	
16) Anthracene	17.103	178	1703m	0.118	ng/ul	
19) Fluoranthene	19.044	202	34909m	1.482	ng/ul	
20) Pyrene	19.411	202	37797	1.561	ng/ul	99
21) Benzo(a)anthracene	21.175	228	12709m	0.779	ng/ul	
22) Chrysene	21.227	228	19544m	0.779	ng/ul	
24) Benzo(b)fluoranthene	22.735	252	26829m	1.128	ng/ul	
25) Benzo(k)fluoranthene	22.773	252	11044m	0.367	ng/ul	
26) Benzo(a)pyrene	23.291	252	14027m	0.569	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.587	276	11476m	0.320	ng/ul	
29) Benzo(g,h,i)perylene	26.255	276	10493m	0.326	ng/ul	

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

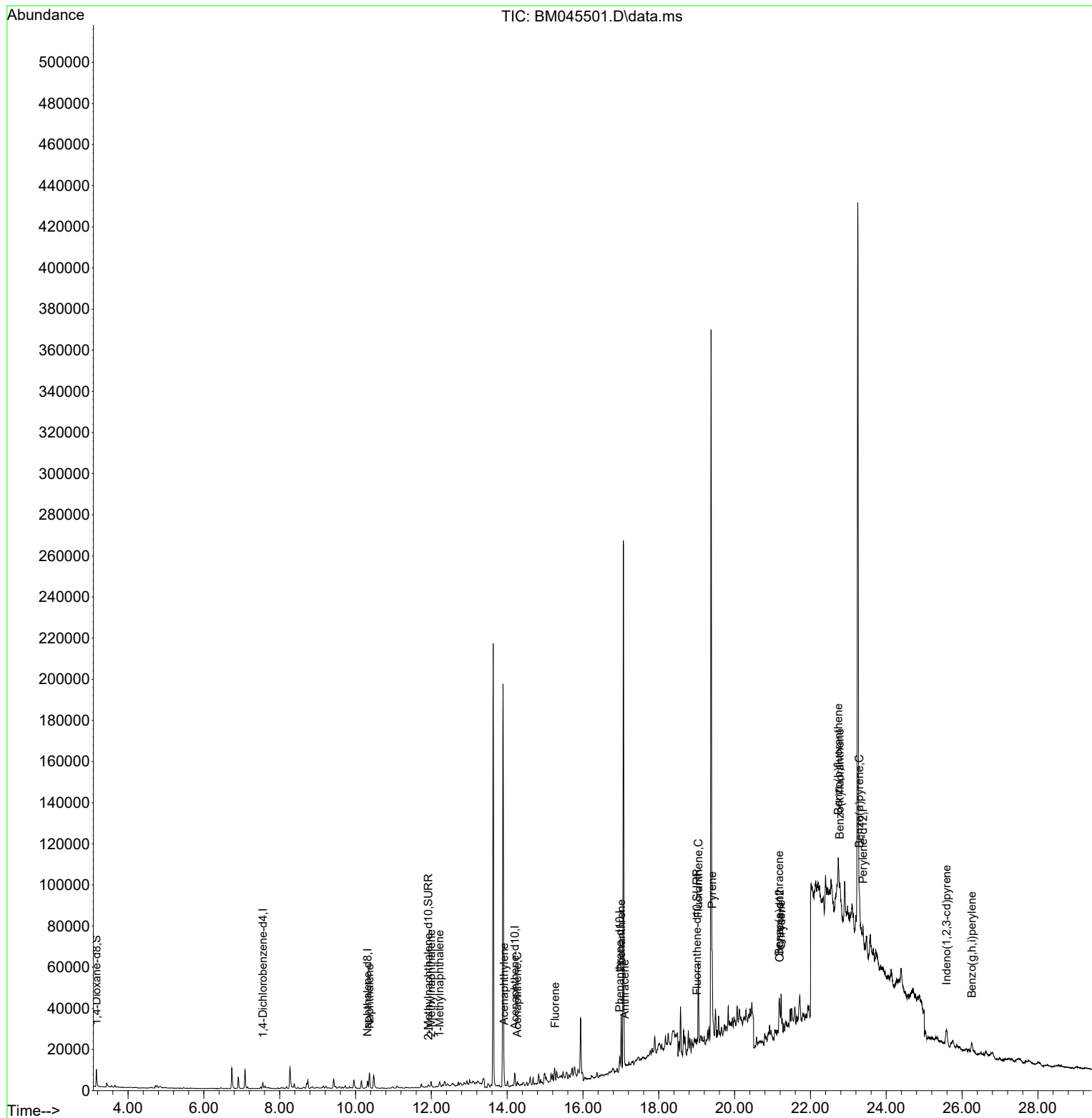
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045501.D
Acq On : 23 Apr 2024 04:29
Operator : MA/JU
Sample : P2037-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

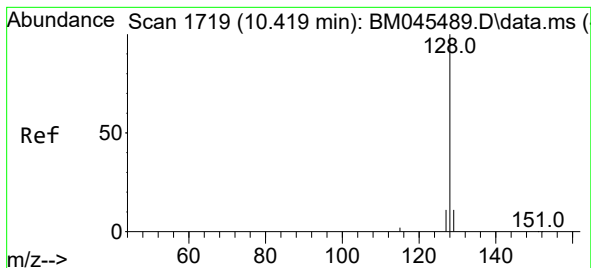
Instrument :
BNA_M
ClientSampleId :
E1CX9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

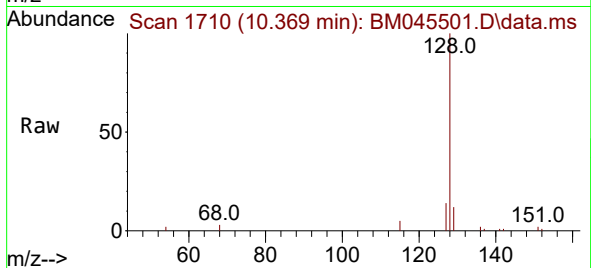
Quant Time: Apr 23 08:33:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.775 ng/ul
RT: 10.369 min Scan# 11
Delta R.T. -0.050 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

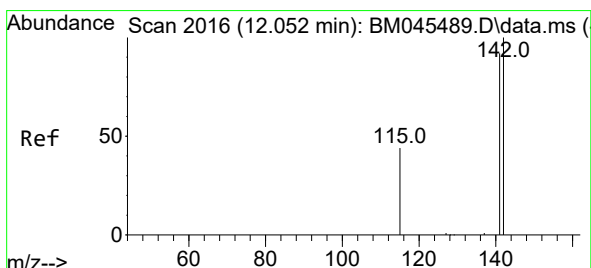
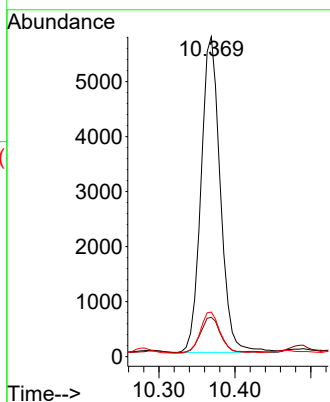
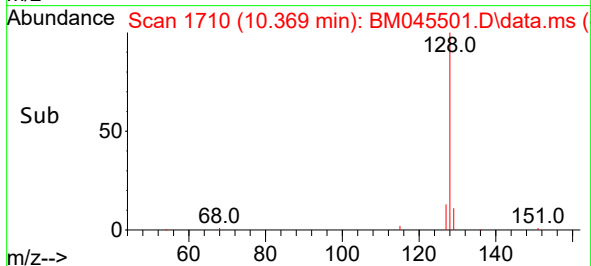
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:128 Resp: 1012
Ion Ratio Lower Upper
128 100
129 12.3 14.0 21.0
127 14.0 15.4 23.2

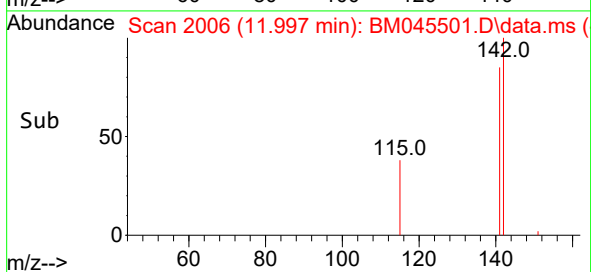
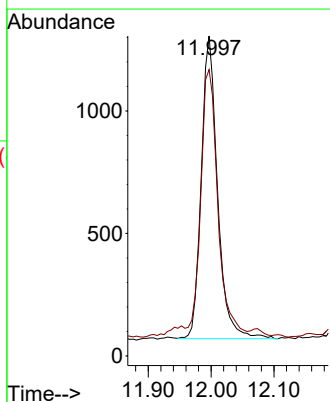
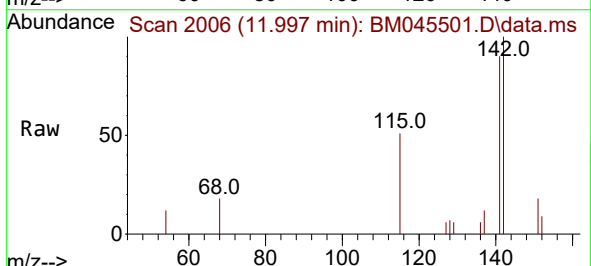
Manual Integrations
APPROVED

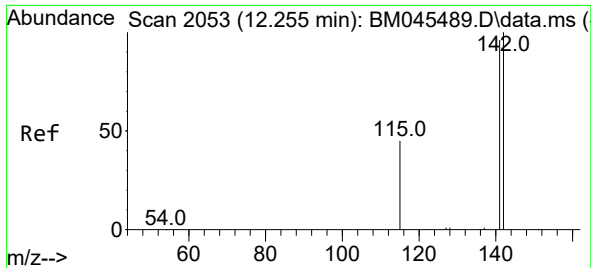
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.055 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

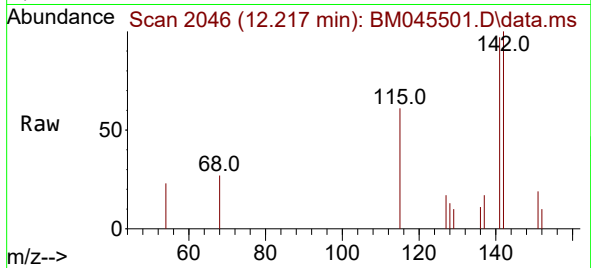
Tgt Ion:142 Resp: 2225
Ion Ratio Lower Upper
142 100
141 94.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.039 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

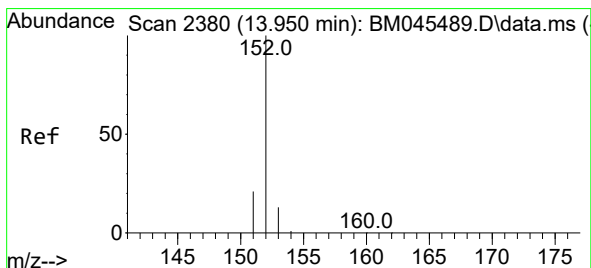
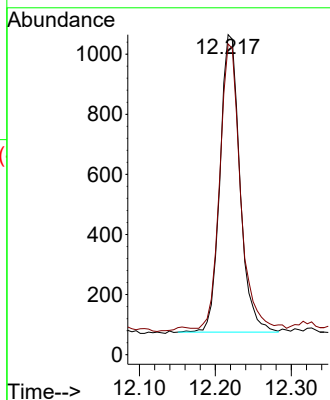
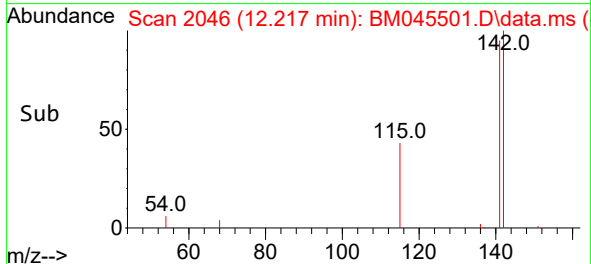
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:142 Resp: 1800
Ion Ratio Lower Upper
142 100
141 97.9 76.1 114.1

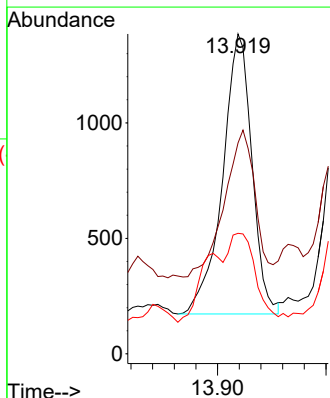
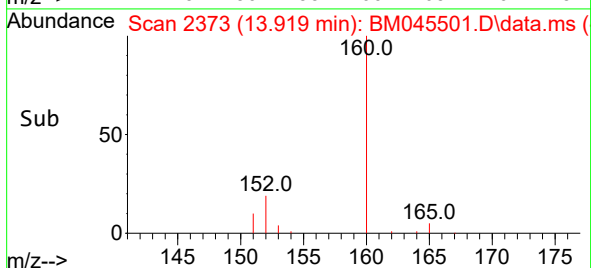
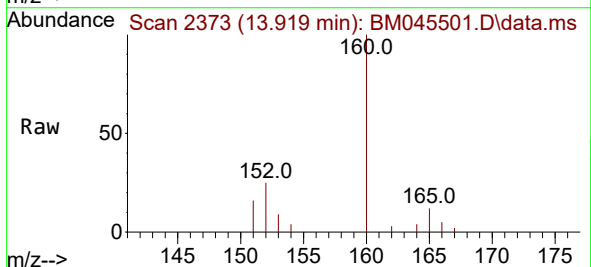
Manual Integrations
APPROVED

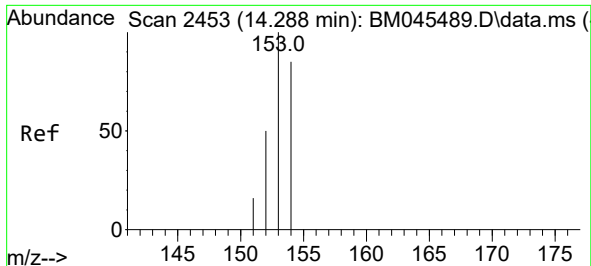
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 13.919 min Scan# 2373
Delta R.T. -0.032 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

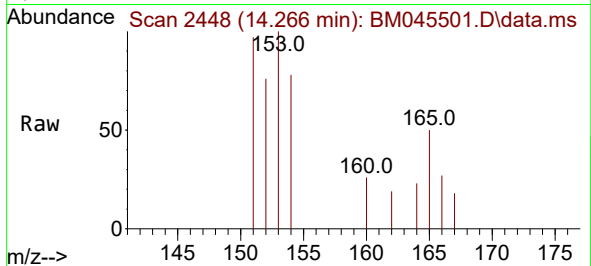
Tgt Ion:152 Resp: 2283
Ion Ratio Lower Upper
152 100
151 65.9 18.6 28.0#
153 37.7 14.1 21.1#





#11
Acenaphthene
Concen: 0.112 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.022 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

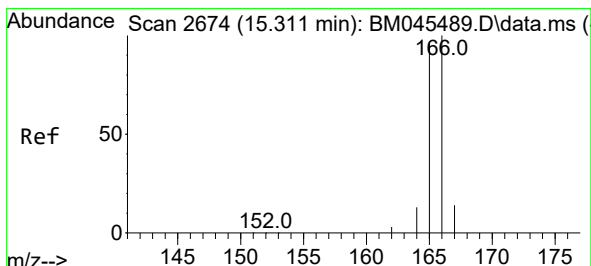
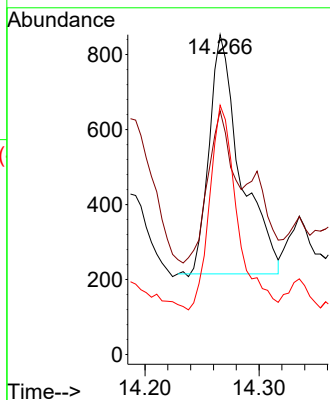
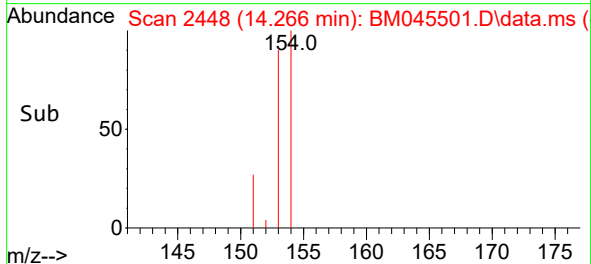
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:153 Resp: 121
Ion Ratio Lower Upper
153 100
152 76.2 43.4 65.2
154 78.0 69.0 103.6

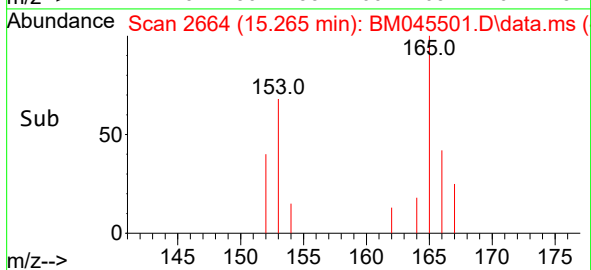
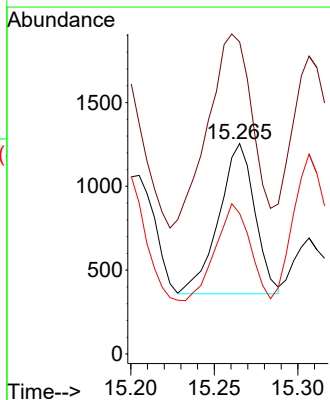
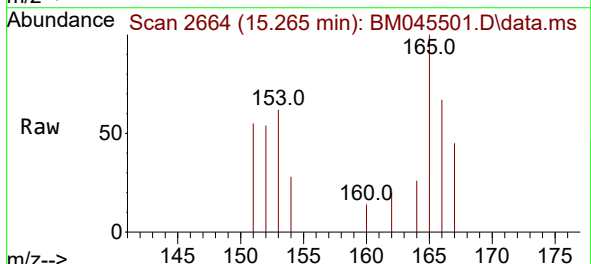
Manual Integrations
APPROVED

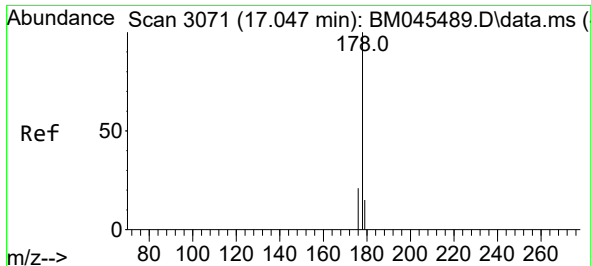
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#12
Fluorene
Concen: 0.115 ng/ul m
RT: 15.265 min Scan# 2664
Delta R.T. -0.046 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

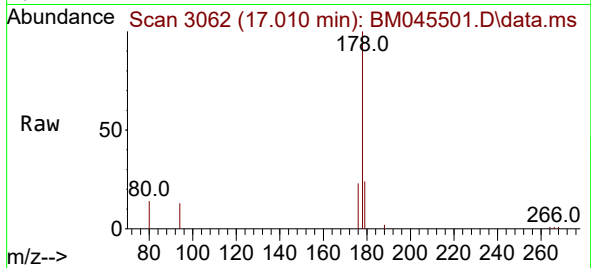
Tgt Ion:166 Resp: 1342
Ion Ratio Lower Upper
166 100
165 148.3 82.2 123.2#
167 66.8 14.8 22.2#





#15
Phenanthrene
Concen: 1.723 ng/ul m
RT: 17.010 min Scan# 3062
Delta R.T. -0.037 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

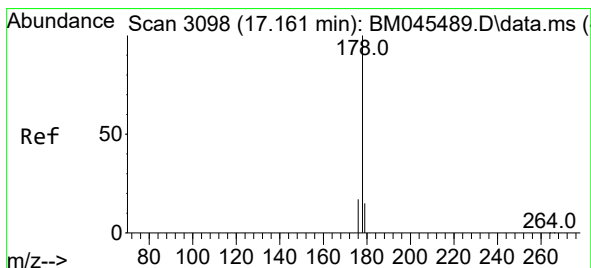
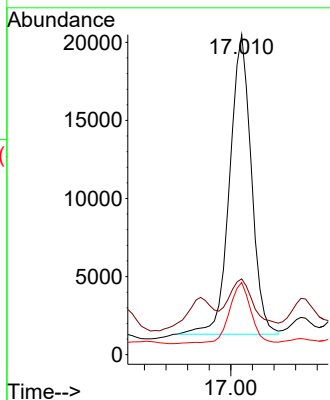
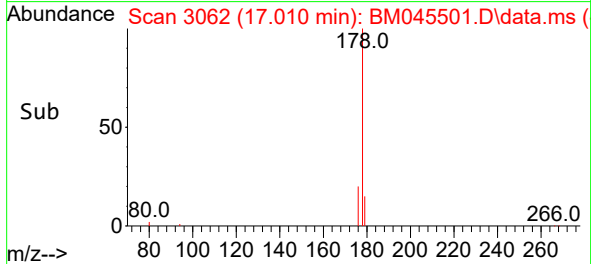
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:178 Resp: 26690
Ion Ratio Lower Upper
178 100
179 23.7 15.4 23.2
176 22.5 19.0 28.4

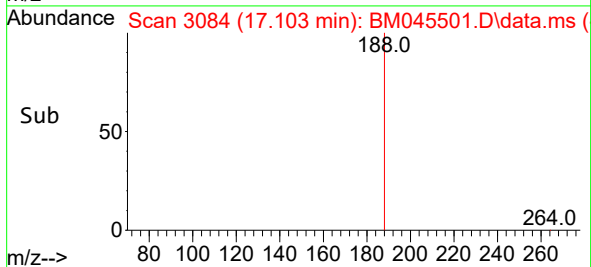
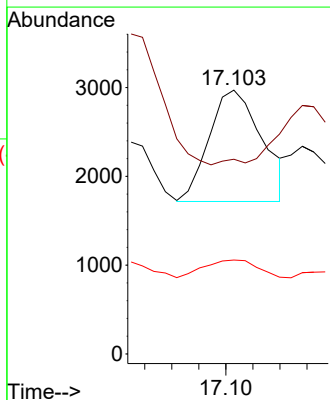
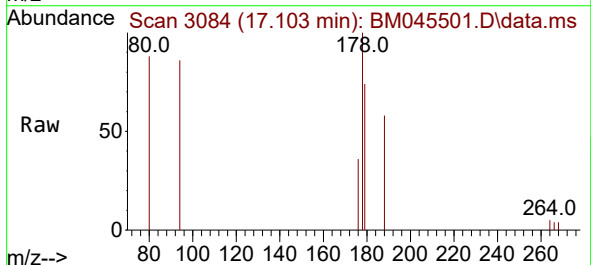
Manual Integrations
APPROVED

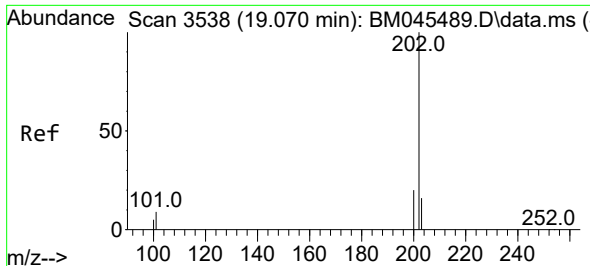
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#16
Anthracene
Concen: 0.118 ng/ul m
RT: 17.103 min Scan# 3084
Delta R.T. -0.058 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

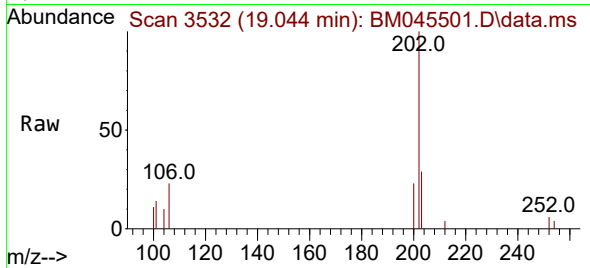
Tgt Ion:178 Resp: 1703
Ion Ratio Lower Upper
178 100
179 73.8 17.8 26.6#
176 35.6 18.7 28.1#





#19
Fluoranthene
Concen: 1.482 ng/ul m
RT: 19.044 min Scan# 3532
Delta R.T. -0.027 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

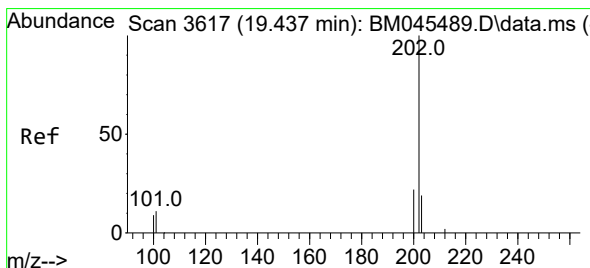
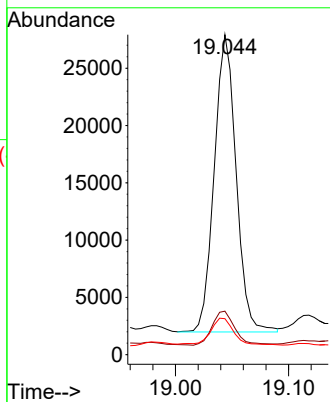
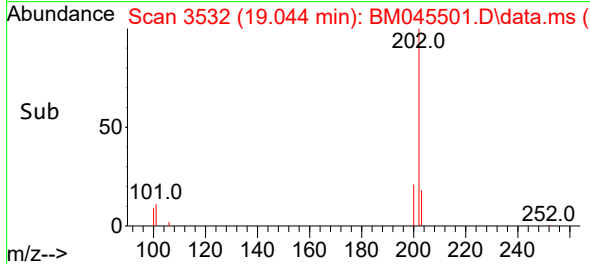
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:202 Resp: 34909
Ion Ratio Lower Upper
202 100
101 13.6 11.2 16.8
100 11.2 9.1 13.7

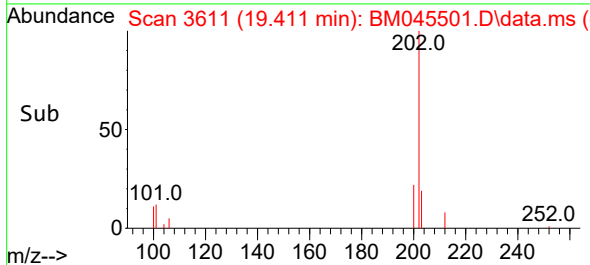
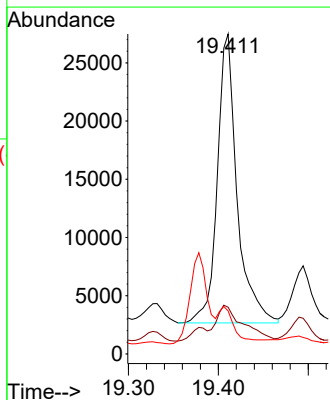
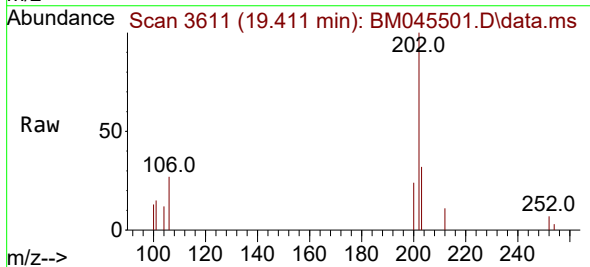
Manual Integrations
APPROVED

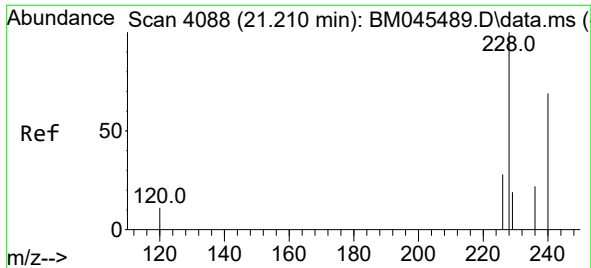
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 1.561 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.027 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

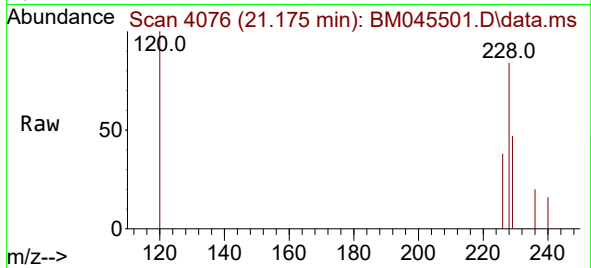
Tgt Ion:202 Resp: 37797
Ion Ratio Lower Upper
202 100
101 14.6 11.5 17.3
100 13.4 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.779 ng/ul m
RT: 21.175 min Scan# 4076
Delta R.T. -0.036 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

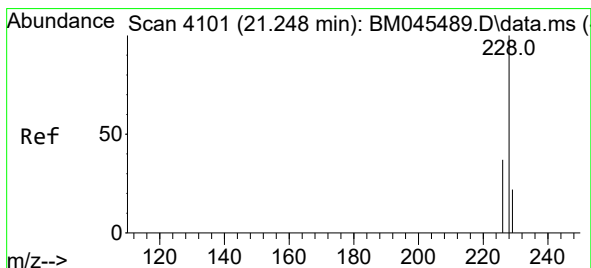
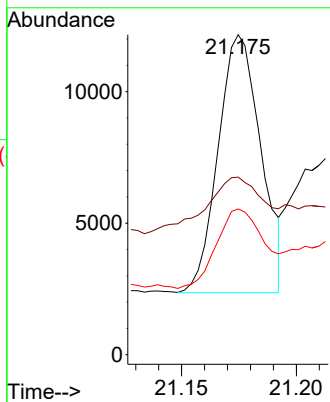
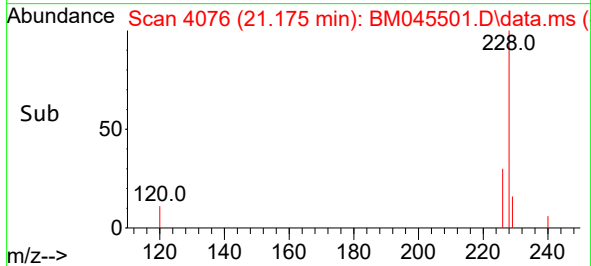
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:228 Resp: 12709
Ion Ratio Lower Upper
228 100
229 55.5 19.4 29.2
226 45.5 26.3 39.5

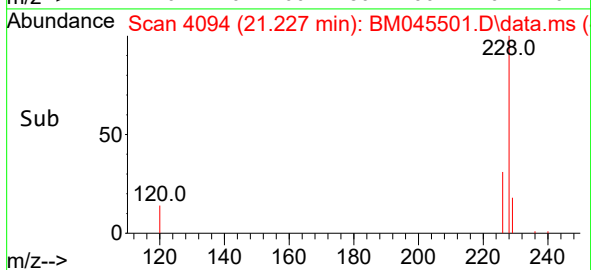
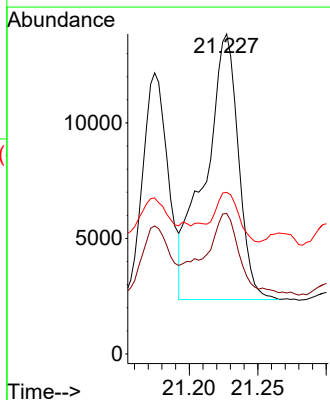
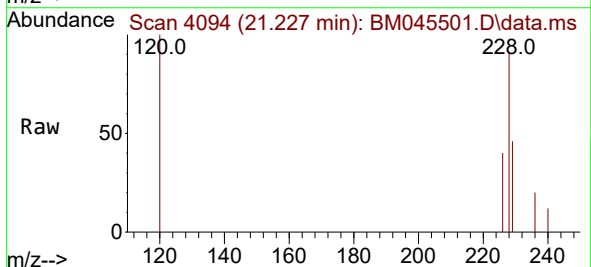
Manual Integrations
APPROVED

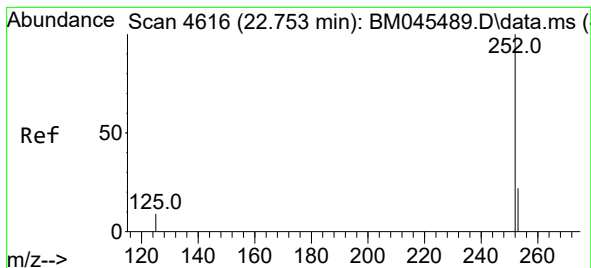
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#22
Chrysene
Concen: 0.779 ng/ul m
RT: 21.227 min Scan# 4094
Delta R.T. -0.021 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

Tgt Ion:228 Resp: 19544
Ion Ratio Lower Upper
228 100
226 43.9 26.3 39.5#
229 50.5 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 1.128 ng/ul m

RT: 22.735 min Scan# 4610

Delta R.T. -0.018 min

Lab File: BM045501.D

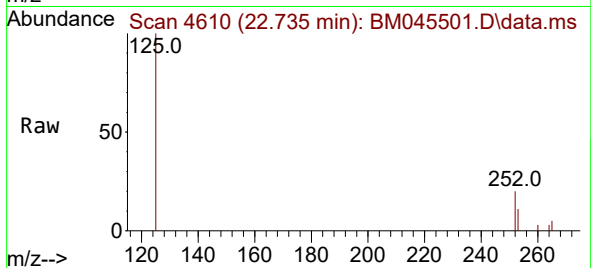
Acq: 23 Apr 2024 04:29

Instrument :

BNA_M

ClientSampleId :

E1CX9



Tgt Ion:252 Resp: 26829

Ion Ratio Lower Upper

252 100

253 53.8 0.0 63.4

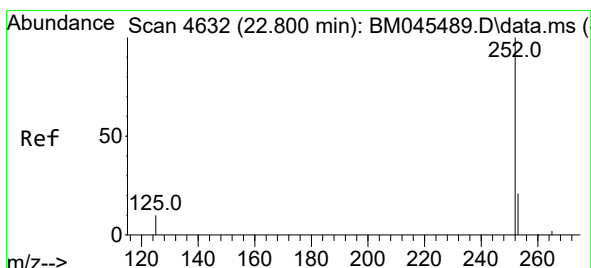
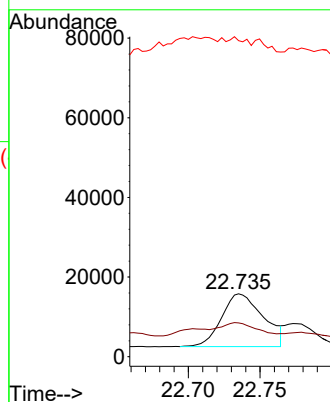
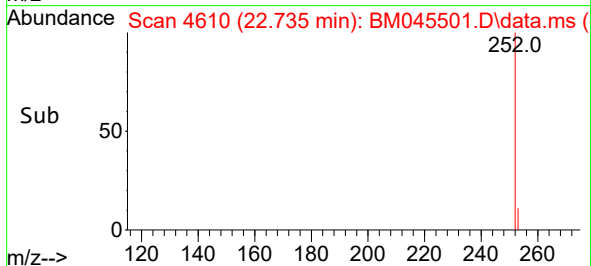
125 502.3 0.0 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#25

Benzo(k)fluoranthene

Concen: 0.367 ng/ul m

RT: 22.773 min Scan# 4623

Delta R.T. -0.027 min

Lab File: BM045501.D

Acq: 23 Apr 2024 04:29

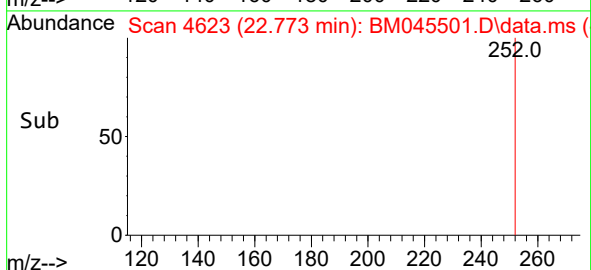
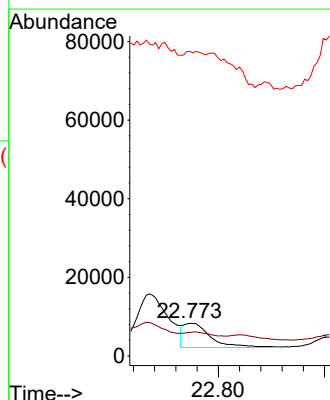
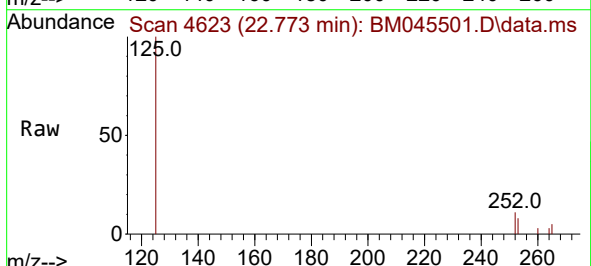
Tgt Ion:252 Resp: 11044

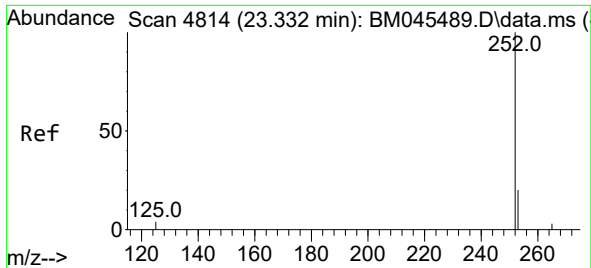
Ion Ratio Lower Upper

252 100

253 72.2 25.4 38.0#

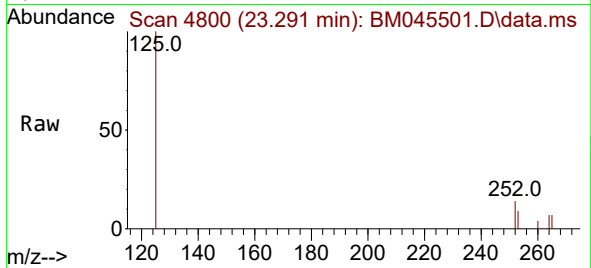
125 932.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.569 ng/ul m
RT: 23.291 min Scan# 4814
Delta R.T. -0.041 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

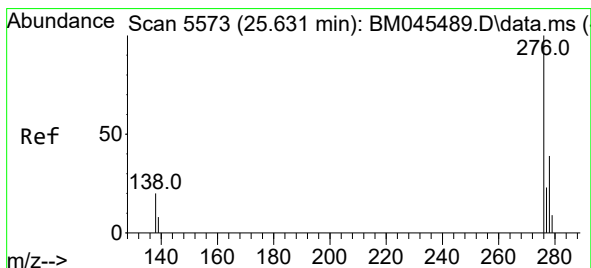
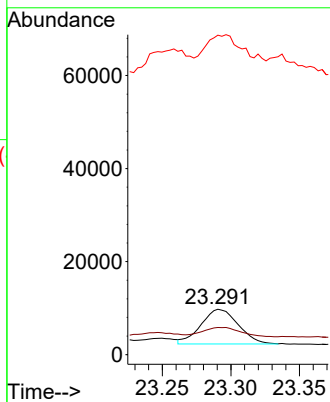
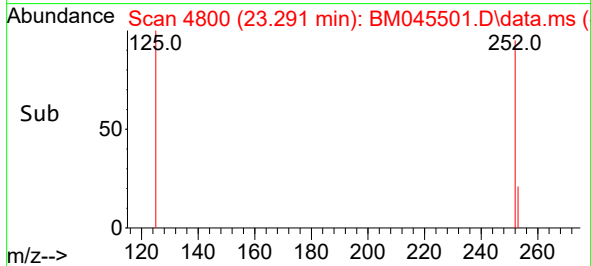
Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:252 Resp: 1402
Ion Ratio Lower Upper
252 100
253 59.8 31.6 47.4#
125 702.2 19.5 29.3#

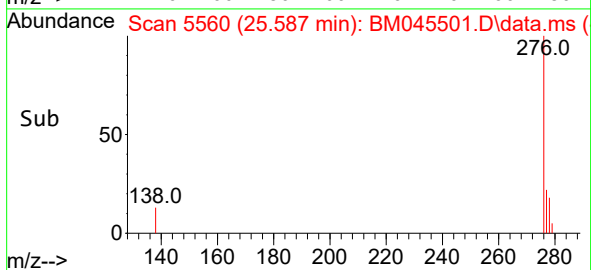
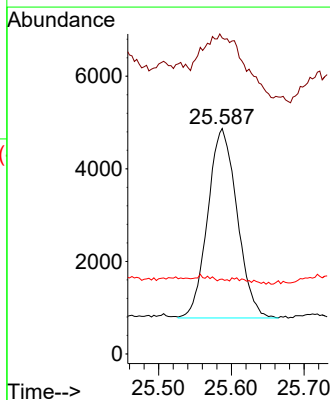
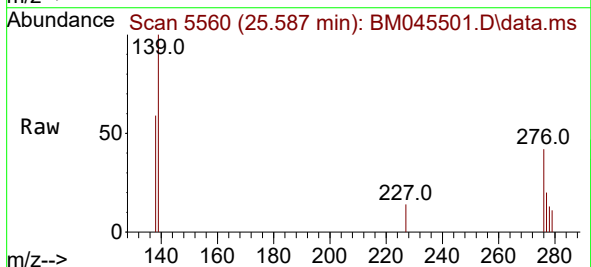
Manual Integrations
APPROVED

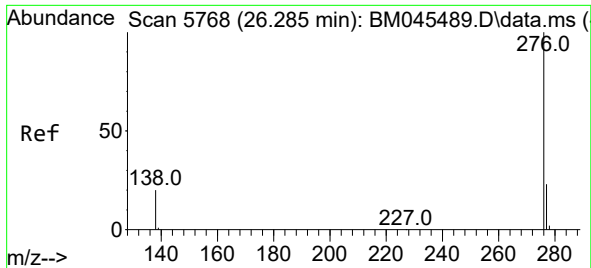
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/ul m
RT: 25.587 min Scan# 5560
Delta R.T. -0.044 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

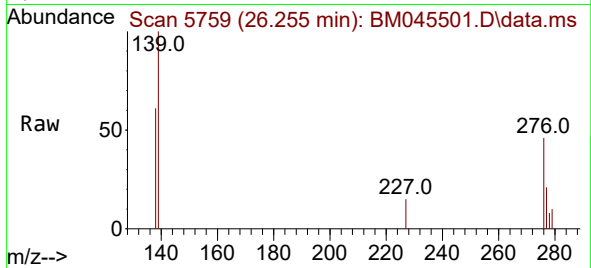
Tgt Ion:276 Resp: 11476
Ion Ratio Lower Upper
276 100
138 10.5 19.8 29.6#
227 0.0 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul m
RT: 26.255 min Scan# 5
Delta R.T. -0.031 min
Lab File: BM045501.D
Acq: 23 Apr 2024 04:29

Instrument :
BNA_M
ClientSampleId :
E1CX9



Tgt Ion:276 Resp: 1049
Ion Ratio Lower Upper
276 100
138 132.1 20.8 31.2
277 46.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

