

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045553.D
 Acq On : 25 Apr 2024 07:44
 Operator : MA/JU
 Sample : P2104-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 08:14:40 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	929	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2458	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1272	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2588m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	2287	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	3015m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4285	3.441	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	779	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212	1575	0.219	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1121	0.170	ng/ul	99
7) 2-Methylnaphthalene	11.997	142	491	0.130	ng/ul	95
8) 1-Methylnaphthalene	12.217	142	339	0.080	ng/ul	99
10) Acenaphthylene	13.918	152	2835	0.452	ng/ul	98
11) Acenaphthene	14.265	153	273	0.059	ng/ul	92
12) Fluorene	15.264	166	433	0.087	ng/ul#	90
15) Phenanthrene	17.001	178	4807m	0.638	ng/ul	
16) Anthracene	17.098	178	2331	0.331	ng/ul	96
19) Fluoranthene	19.038	202	8955	0.848	ng/ul#	90
20) Pyrene	19.401	202	7628	0.703	ng/ul	94
21) Benzo(a)anthracene	21.167	228	5878	0.804	ng/ul	97
22) Chrysene	21.219	228	10321	0.918	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252	24175	2.384	ng/ul	89
25) Benzo(k)fluoranthene	22.759	252	7914m	0.618	ng/ul	
26) Benzo(a)pyrene	23.274	252	16449	1.564	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.551	276	22536	1.474	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278	5799	0.478	ng/ul	97
29) Benzo(g,h,i)perylene	26.219	276	22845	1.663	ng/ul	93

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

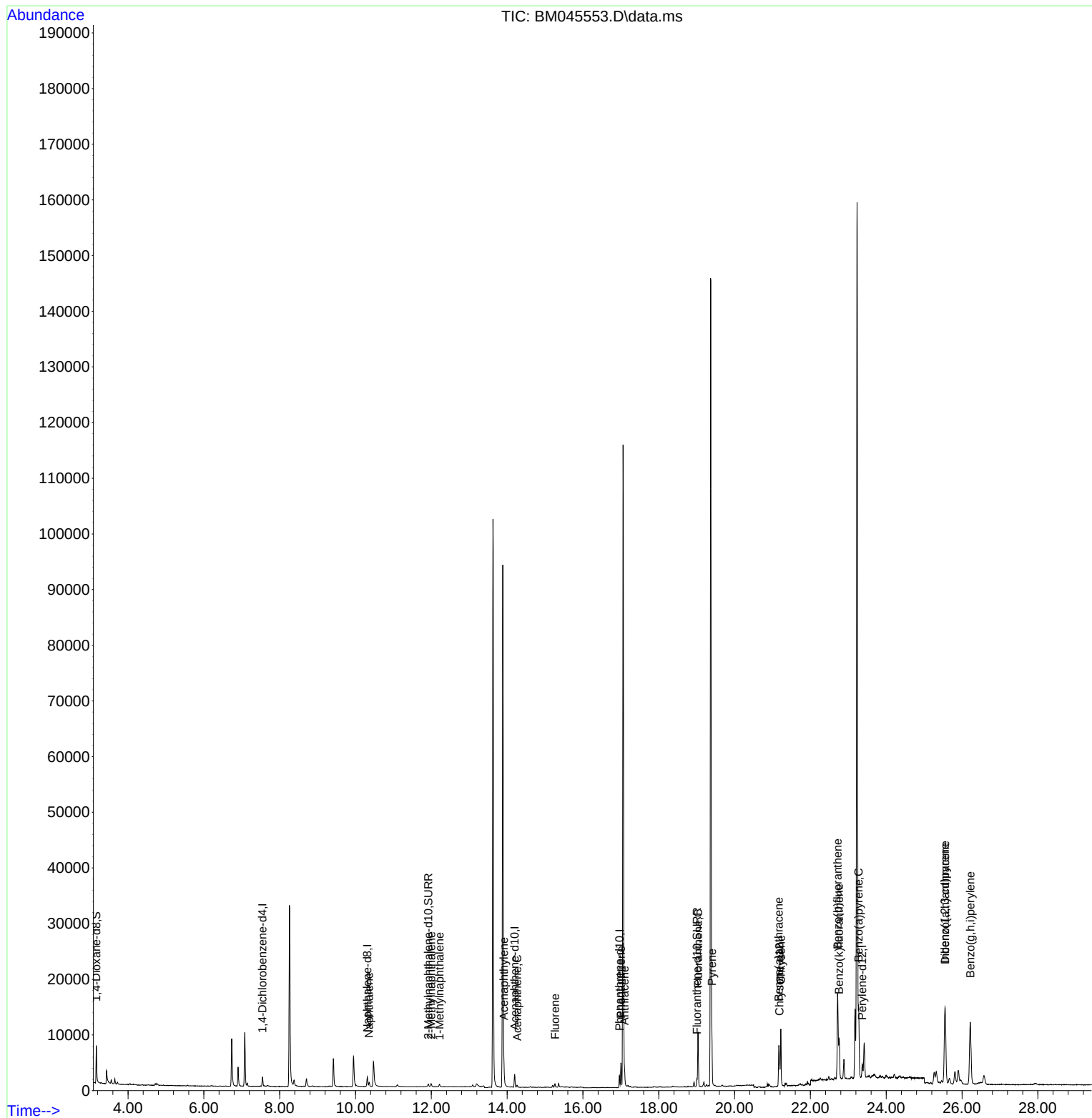
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
Acq On : 25 Apr 2024 07:44
Operator : MA/JU
Sample : P2104-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

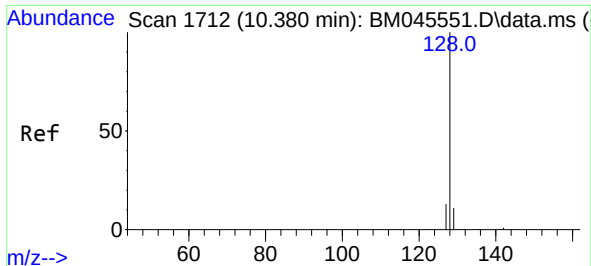
Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

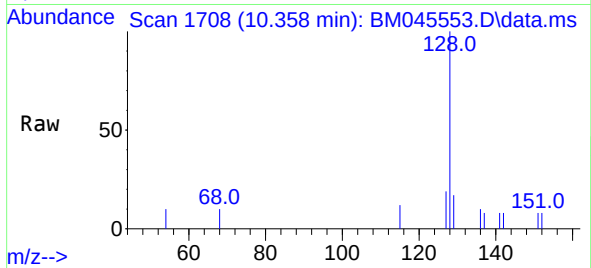
Quant Time: Apr 25 08:14:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.358 min Scan# 11
Delta R.T. -0.022 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

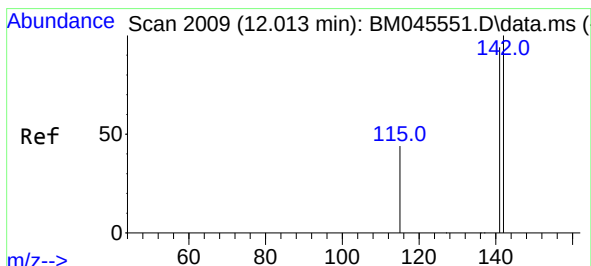
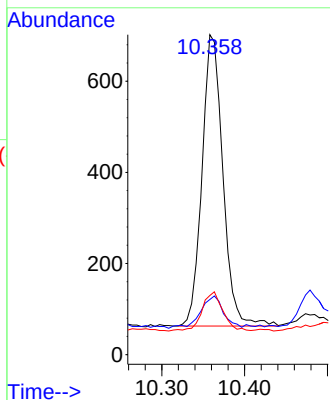
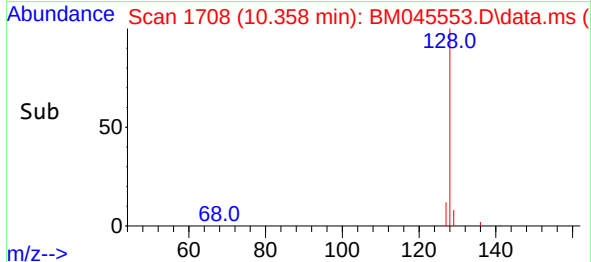
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
129 17.2 14.0 21.0
127 18.5 15.4 23.2

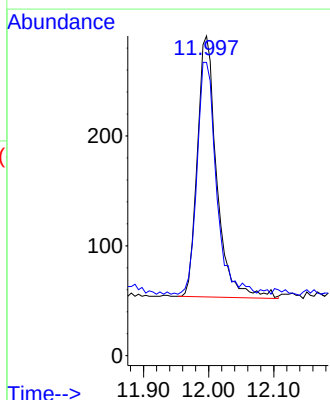
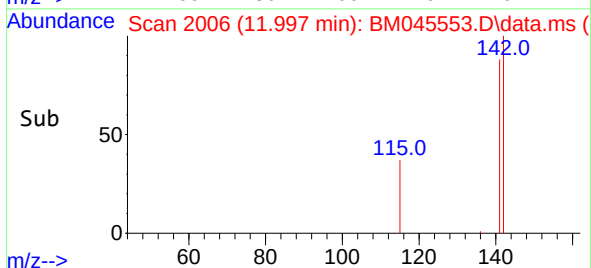
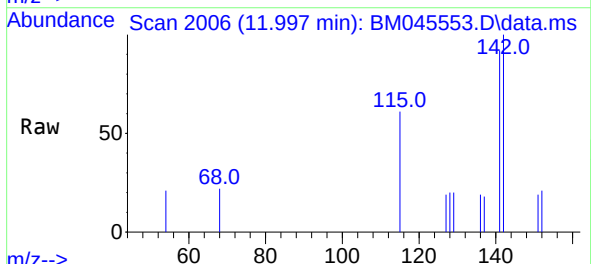
Manual Integrations
APPROVED

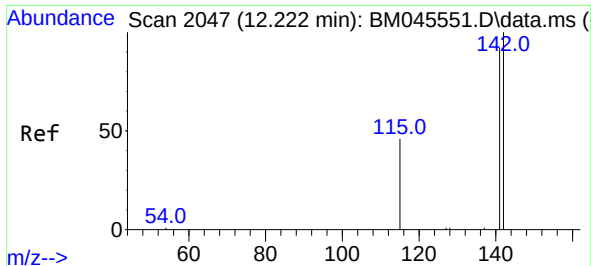
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

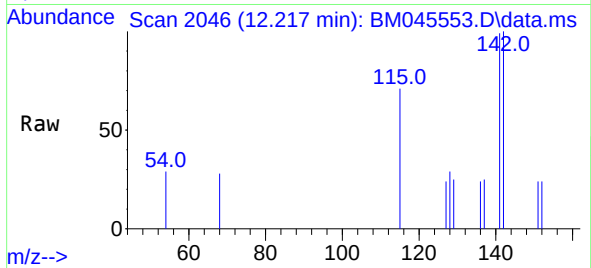
Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
141 88.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.080 ng/u1
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

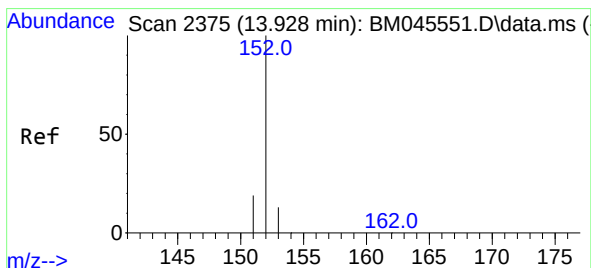
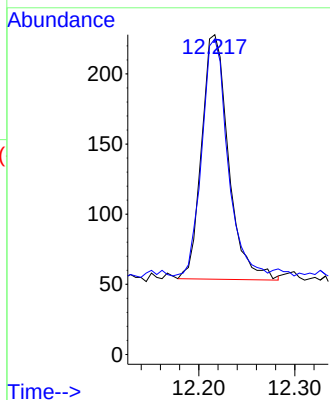
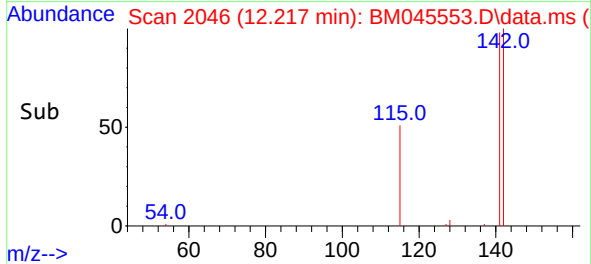
Instrument :
BNA_M
ClientSampleId :
C0AC9



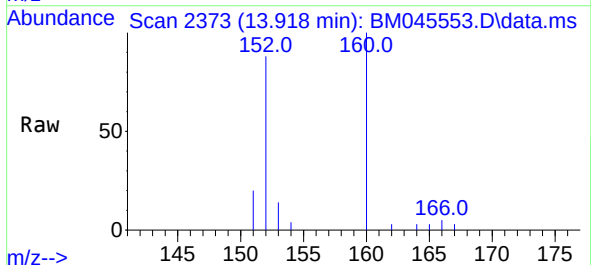
Tgt Ion:142 Resp: 339
Ion Ratio Lower Upper
142 100
141 93.8 76.1 114.1

Manual Integrations
APPROVED

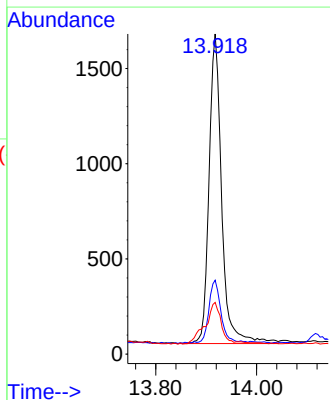
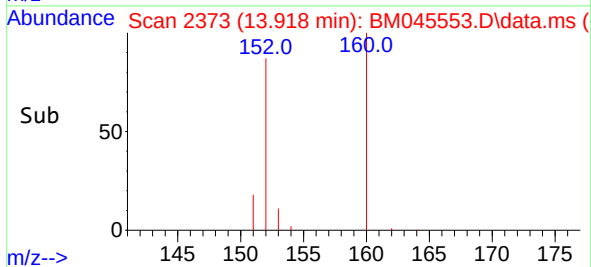
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

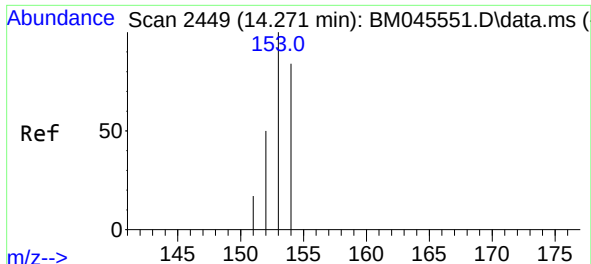


#10
Acenaphthylene
Concen: 0.452 ng/u1
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44



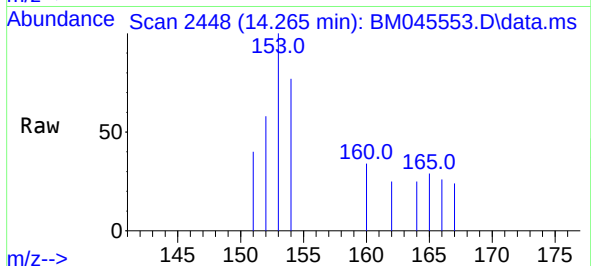
Tgt Ion:152 Resp: 2835
Ion Ratio Lower Upper
152 100
151 23.1 18.6 28.0
153 16.1 14.1 21.1





#11
Acenaphthene
Concen: 0.059 ng/uI
RT: 14.265 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

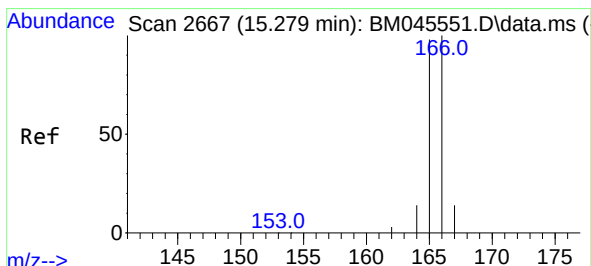
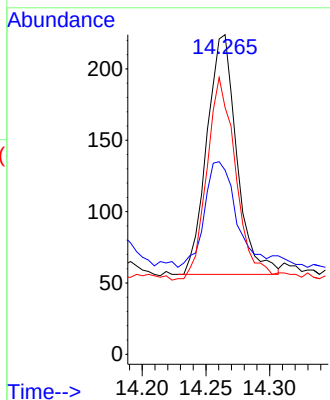
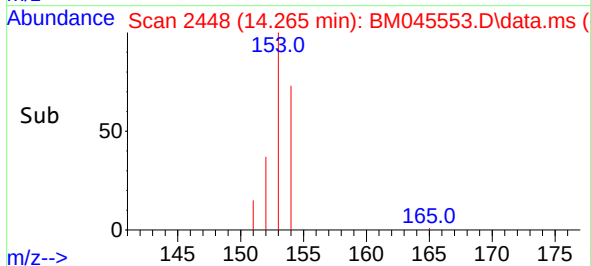
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:153 Resp: 273
Ion Ratio Lower Upper
153 100
152 57.6 43.4 65.2
154 77.2 69.0 103.6

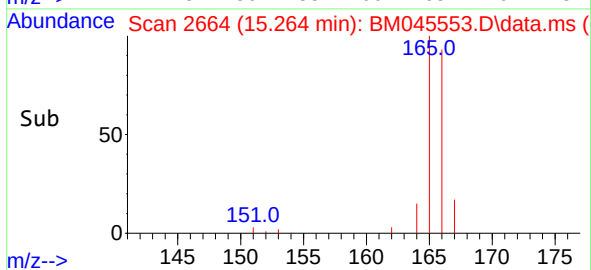
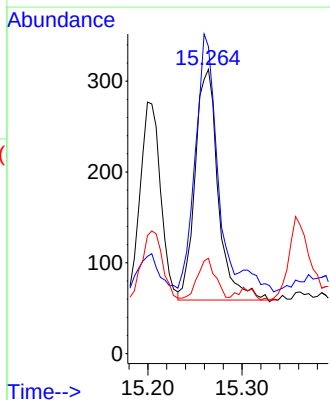
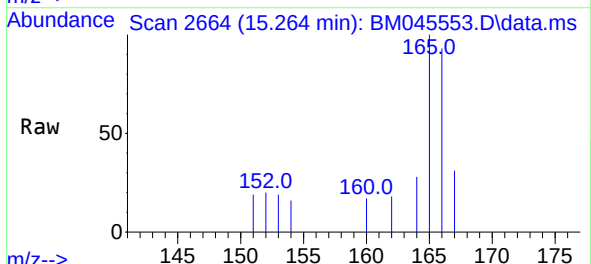
Manual Integrations
APPROVED

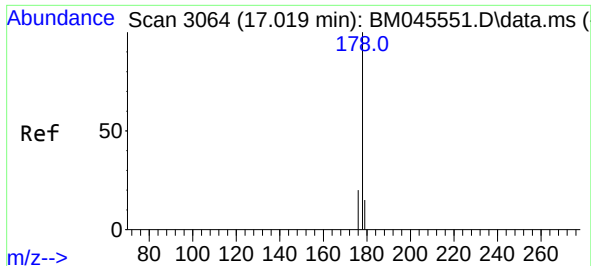
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.087 ng/uI
RT: 15.264 min Scan# 2664
Delta R.T. -0.014 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

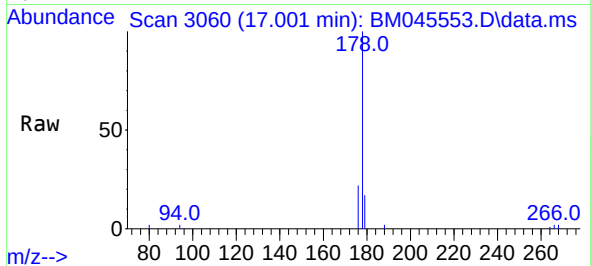
Tgt Ion:166 Resp: 433
Ion Ratio Lower Upper
166 100
165 108.0 82.2 123.2
167 33.5 14.8 22.2#





#15
Phenanthrene
Concen: 0.638 ng/ul m
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

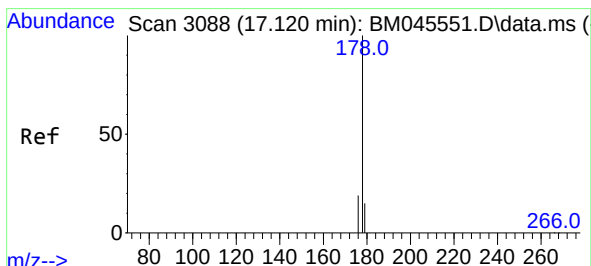
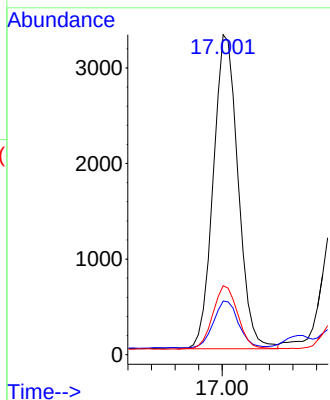
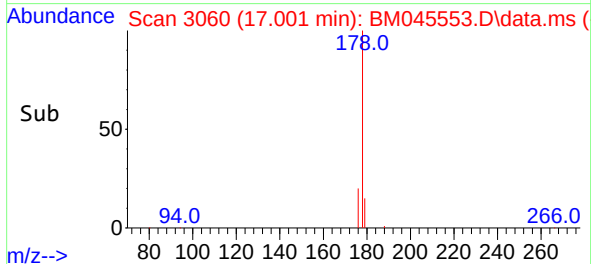
Instrument :
BNA_M
ClientSampleId :
C0AC9



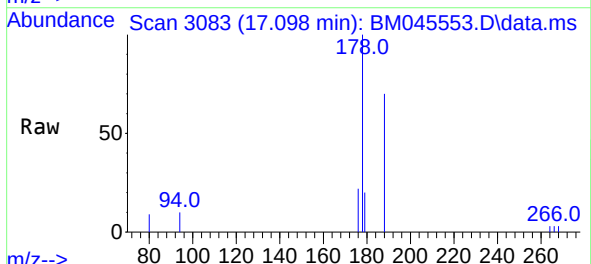
Tgt Ion:178 Resp: 480
Ion Ratio Lower Upper
178 100
179 16.8 15.4 23.2
176 21.6 19.0 28.4

Manual Integrations
APPROVED

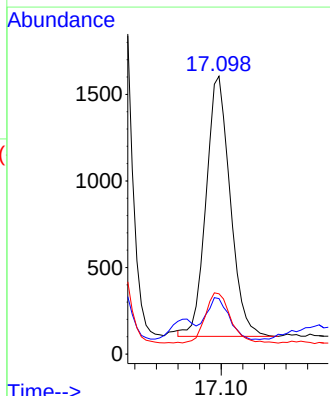
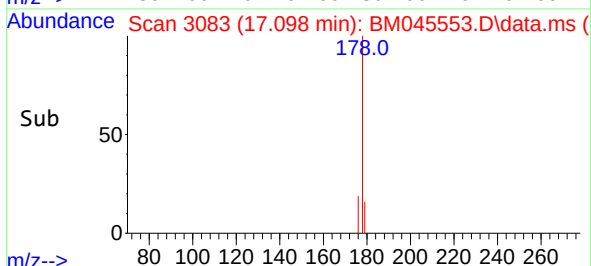
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

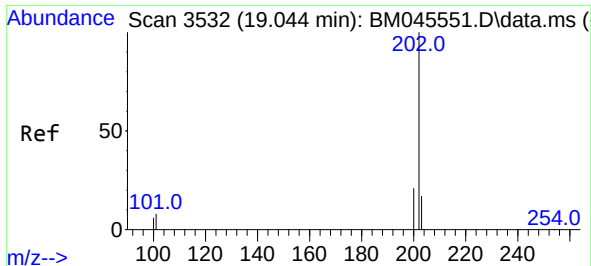


#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44



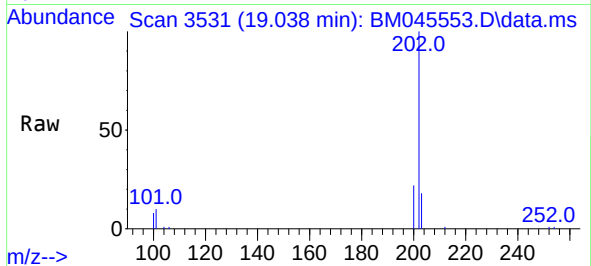
Tgt Ion:178 Resp: 2331
Ion Ratio Lower Upper
178 100
179 19.9 17.8 26.6
176 21.7 18.7 28.1





#19
Fluoranthene
Concen: 0.848 ng/u1
RT: 19.038 min Scan# 309
Delta R.T. -0.009 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

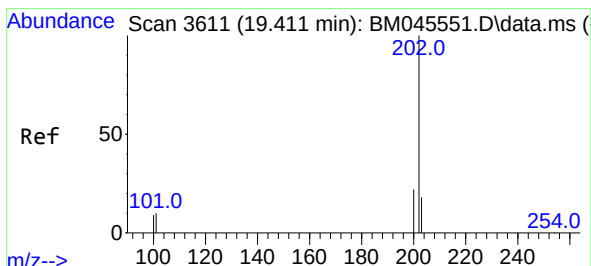
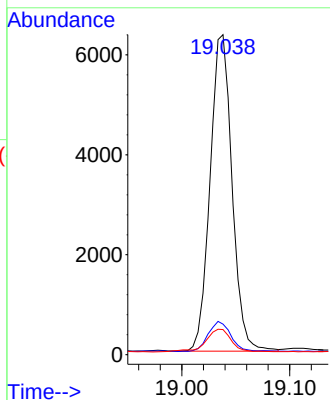
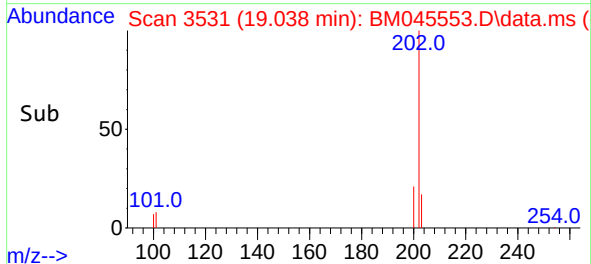
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:202 Resp: 895
Ion Ratio Lower Upper
202 100
101 9.6 11.2 16.8
100 7.8 9.1 13.7

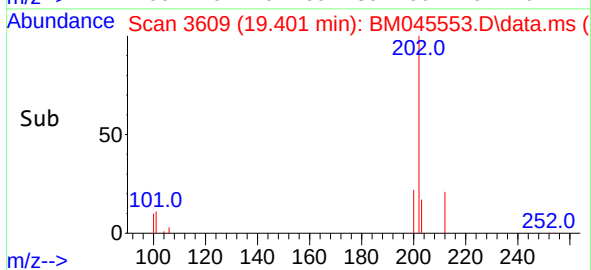
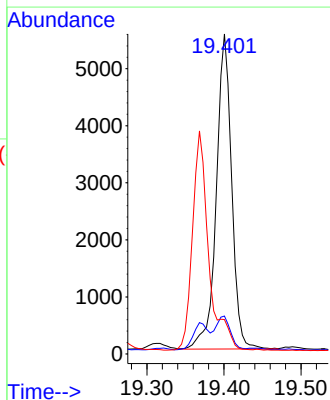
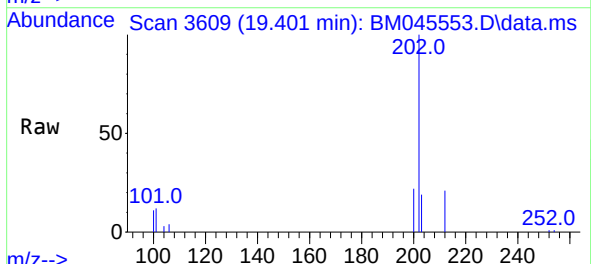
Manual Integrations
APPROVED

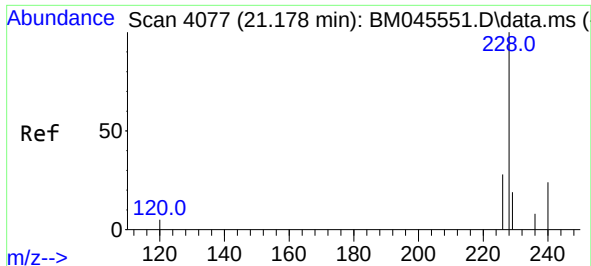
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.703 ng/u1
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

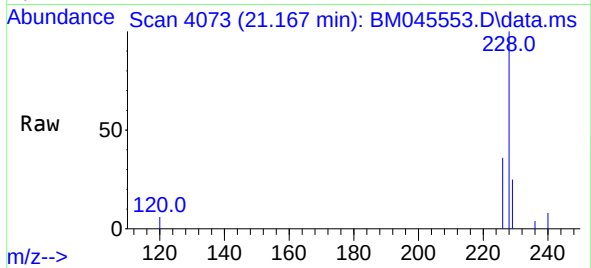
Tgt Ion:202 Resp: 7628
Ion Ratio Lower Upper
202 100
101 11.9 11.5 17.3
100 10.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.804 ng/u1
RT: 21.167 min Scan# 4077
Delta R.T. -0.015 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

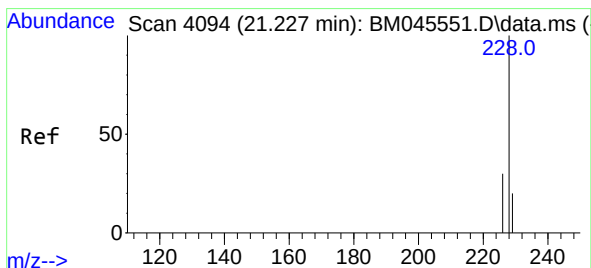
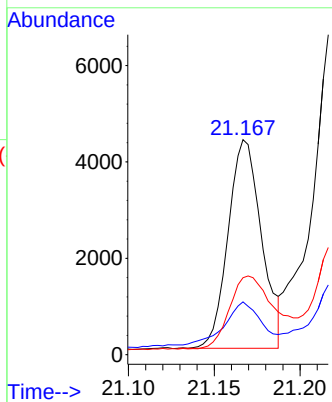
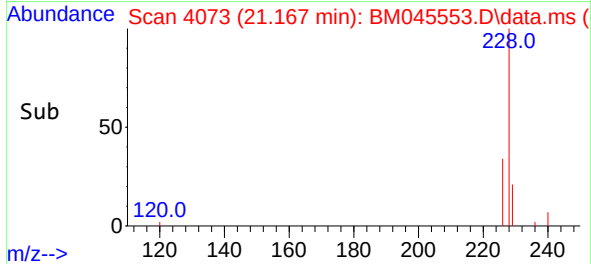
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:228 Resp: 5878
Ion Ratio Lower Upper
228 100
229 24.6 19.4 29.2
226 35.8 26.3 39.5

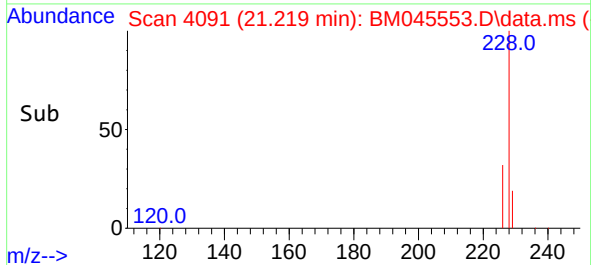
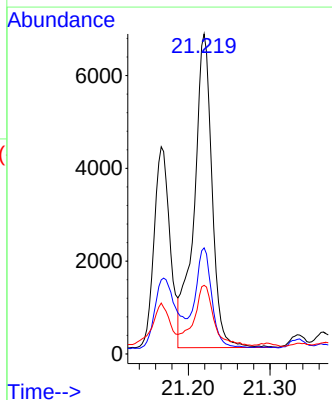
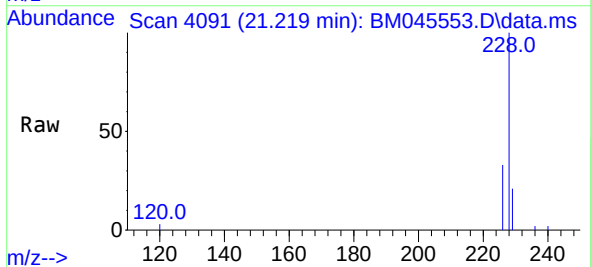
Manual Integrations
APPROVED

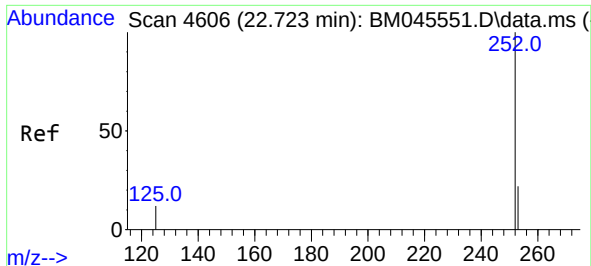
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.918 ng/u1
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

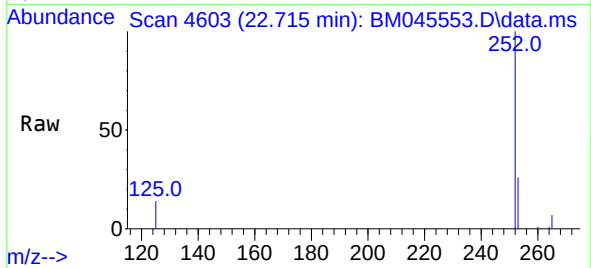
Tgt Ion:228 Resp: 10321
Ion Ratio Lower Upper
228 100
226 33.1 26.3 39.5
229 21.4 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.384 ng/ul
RT: 22.715 min Scan# 4603
Delta R.T. -0.015 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

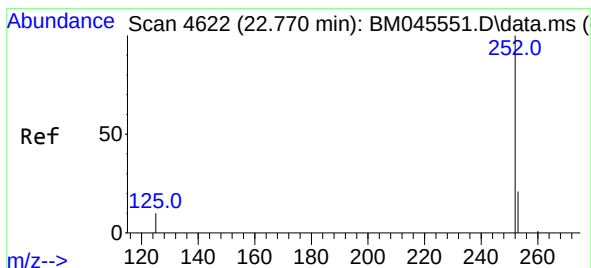
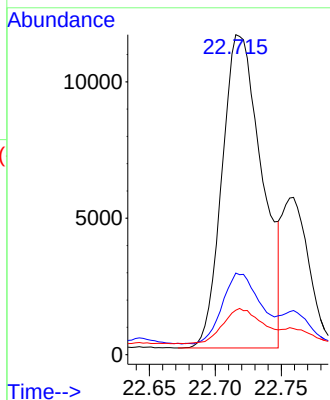
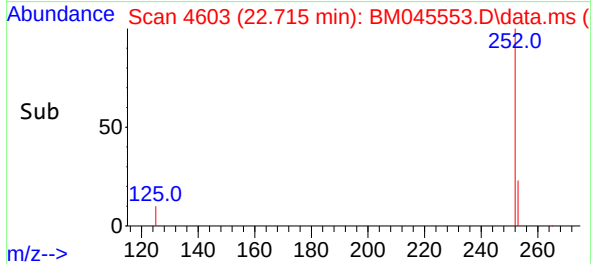
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:252 Resp: 24175
Ion Ratio Lower Upper
252 100
253 25.5 0.0 63.4
125 13.9 0.0 36.8

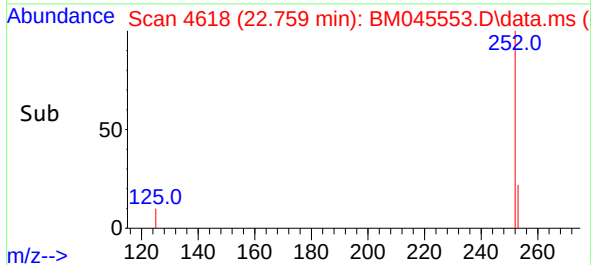
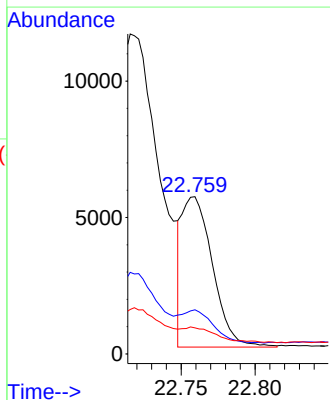
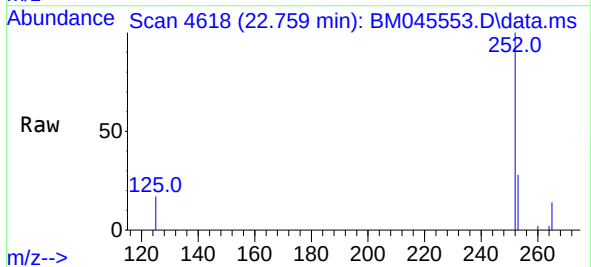
Manual Integrations
APPROVED

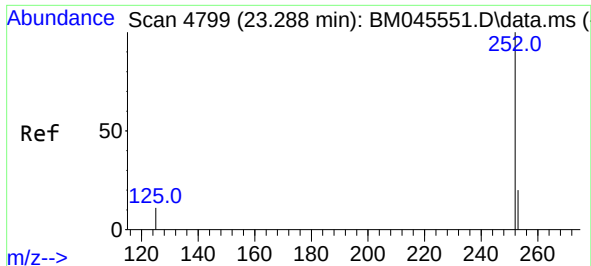
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.618 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

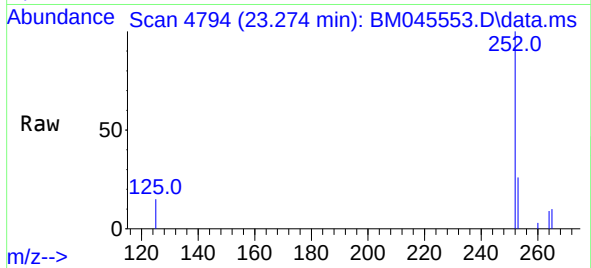
Tgt Ion:252 Resp: 7914
Ion Ratio Lower Upper
252 100
253 28.1 25.4 38.0
125 16.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.564 ng/ul
RT: 23.274 min Scan# 4799
Delta R.T. -0.018 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44

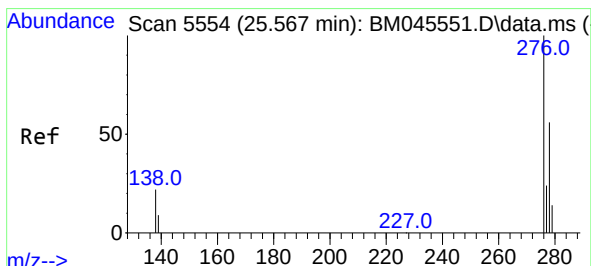
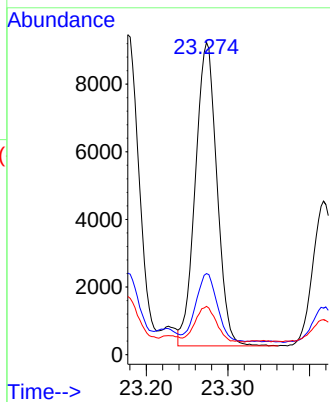
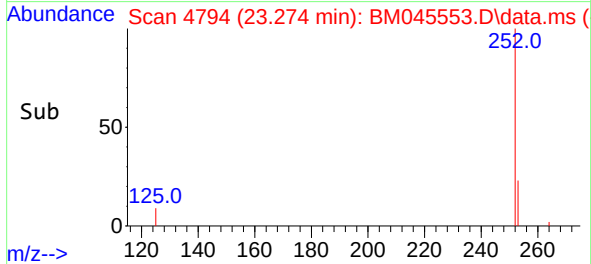
Instrument :
BNA_M
ClientSampleId :
C0AC9



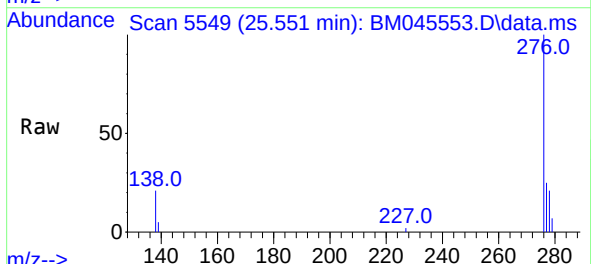
Tgt Ion:252 Resp: 16449
Ion Ratio Lower Upper
252 100
253 26.0 31.6 47.4
125 15.5 19.5 29.3

Manual Integrations
APPROVED

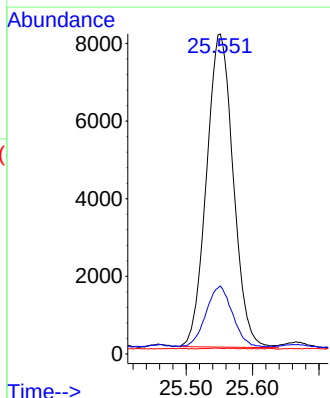
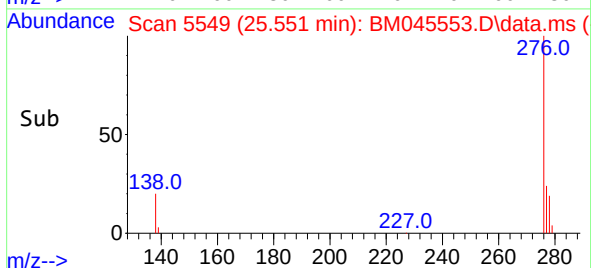
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

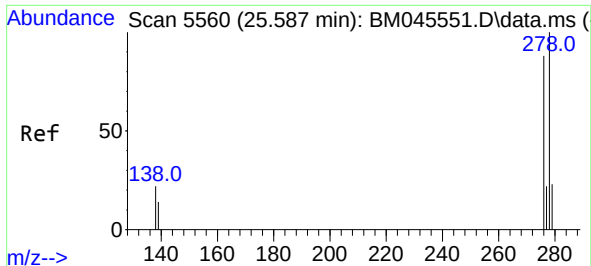


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.474 ng/ul
RT: 25.551 min Scan# 5549
Delta R.T. -0.020 min
Lab File: BM045553.D
Acq: 25 Apr 2024 07:44



Tgt Ion:276 Resp: 22536
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: 0.478 ng/ul

RT: 25.555 min Scan# 51

Delta R.T. -0.033 min

Lab File: BM045553.D

Acq: 25 Apr 2024 07:44

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tgt Ion:278 Resp: 5799

Ion Ratio Lower Upper

278 100

139 22.7 19.0 28.6

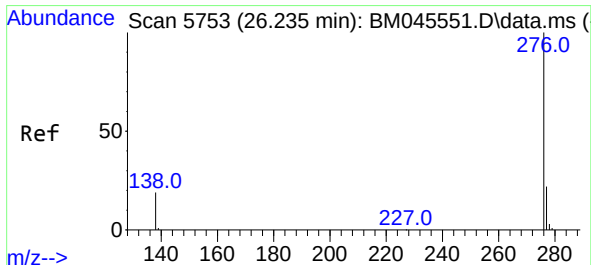
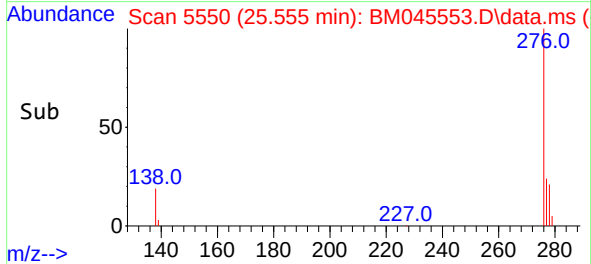
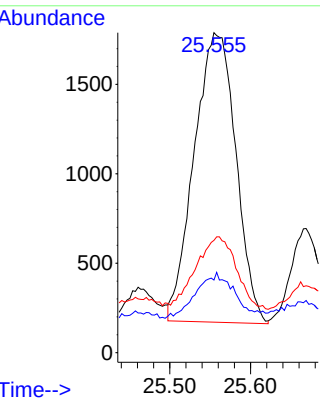
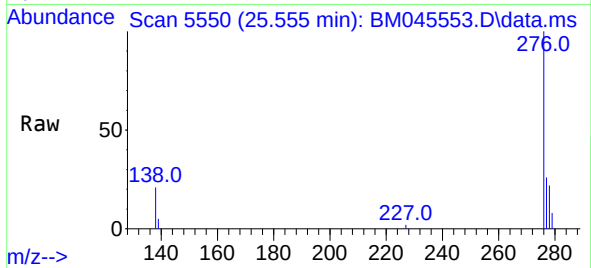
279 35.1 29.4 44.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#29

Benzo(g,h,i)perylene

Concen: 1.663 ng/ul

RT: 26.219 min Scan# 5748

Delta R.T. -0.017 min

Lab File: BM045553.D

Acq: 25 Apr 2024 07:44

Tgt Ion:276 Resp: 22845

Ion Ratio Lower Upper

276 100

138 21.0 20.8 31.2

277 24.7 21.8 32.8

