

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045558.D
 Acq On : 25 Apr 2024 10:47
 Operator : MA/JU
 Sample : P2104-08DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 12:38:16 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 : 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	7.551	152	946	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.320	136	2506	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1343	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2823	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.178	240	2511	0.400	ng/ul	#-0.01
23) Perylene-d12	23.364	264	3478	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	1158	0.913	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	197	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	445	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	1556	0.231	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	1103	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.217	142	615	0.143	ng/ul	97
10) Acenaphthylene	13.918	152	3436	0.519	ng/ul	97
11) Acenaphthene	14.260	153	2292	0.466	ng/ul	97
12) Fluorene	15.260	166	5450	1.036	ng/ul	99
15) Phenanthrene	17.001	178	60640	7.376	ng/ul	93
16) Anthracene	17.098	178	13969	1.816	ng/ul	93
19) Fluoranthene	19.033	202	65424	5.646	ng/ul#	90
20) Pyrene	19.400	202	52011	4.367	ng/ul#	91
21) Benzo(a)anthracene	21.164	228	25353	3.159	ng/ul	95
22) Chrysene	21.213	228	24705	2.002	ng/ul	100
24) Benzo(b)fluoranthene	22.712	252	42746	3.654	ng/ul	88
25) Benzo(k)fluoranthene	22.753	252	15552m	1.052	ng/ul	
26) Benzo(a)pyrene	23.268	252	26629	2.195	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.544	276	22007	1.248	ng/ul	90
28) Dibenzo(a,h)anthracene	25.551	278	5947	0.425	ng/ul	93
29) Benzo(g,h,i)perylene	26.212	276	17182	1.084	ng/ul	96

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

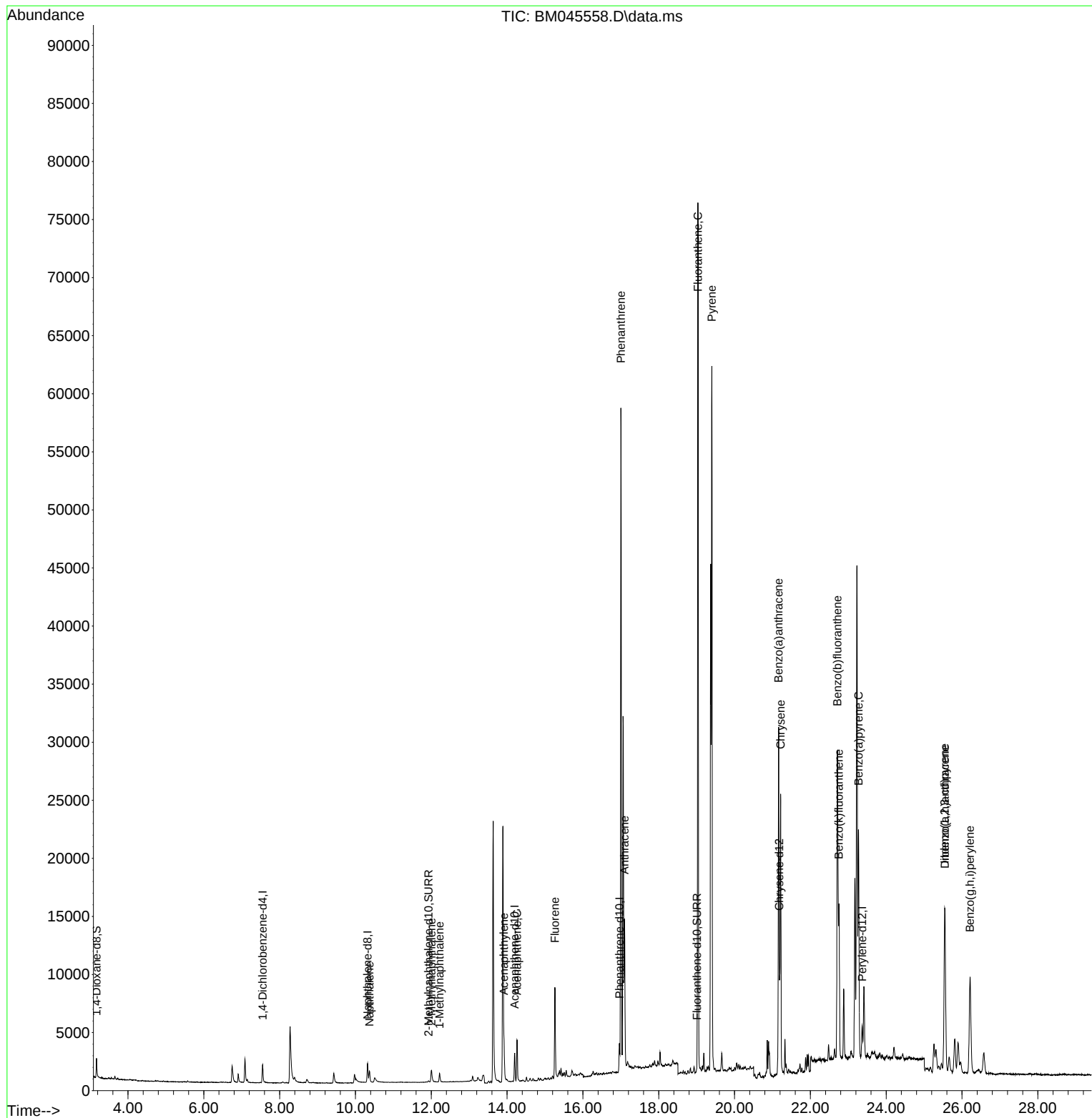
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045558.D
Acq On : 25 Apr 2024 10:47
Operator : MA/JU
Sample : P2104-08DL 5X
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ALS Vial : 36 Sample Multiplier: 1

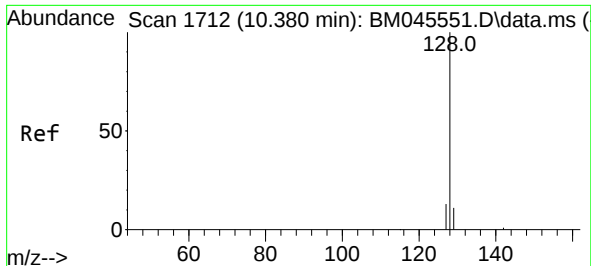
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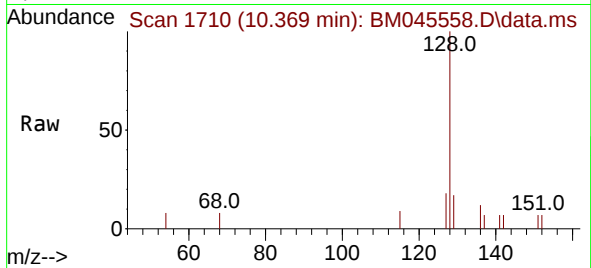
Quant Time: Apr 25 12:38:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.369 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

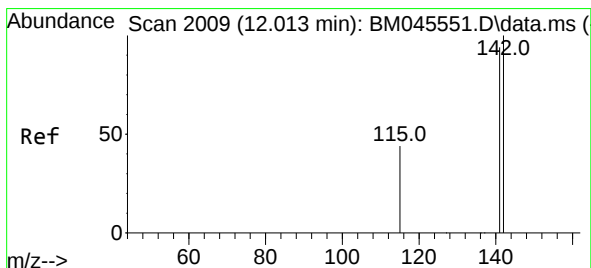
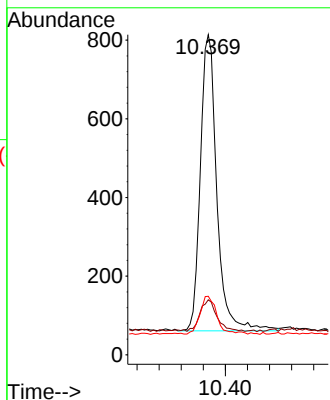
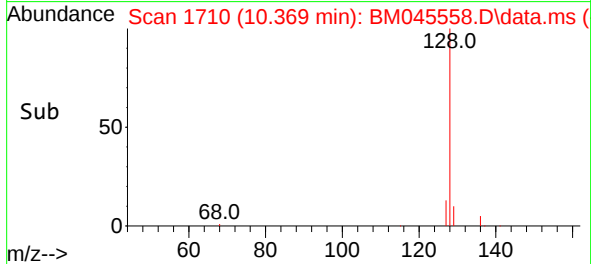
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



Tgt Ion:128 Resp: 1550
Ion Ratio Lower Upper
128 100
129 17.2 14.0 21.0
127 18.3 15.4 23.2

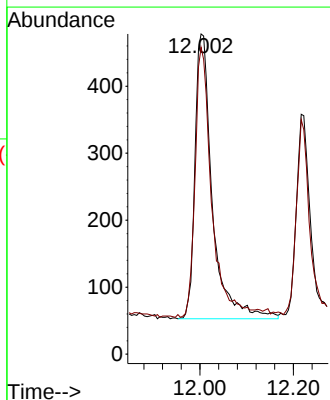
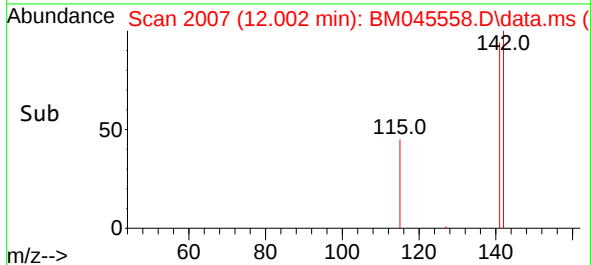
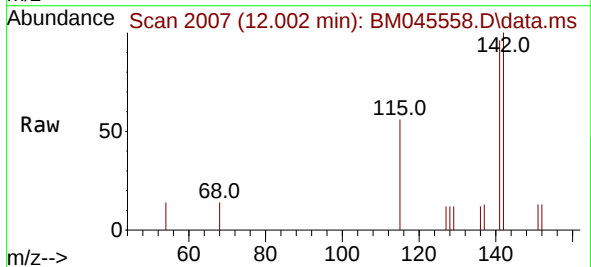
Manual Integrations
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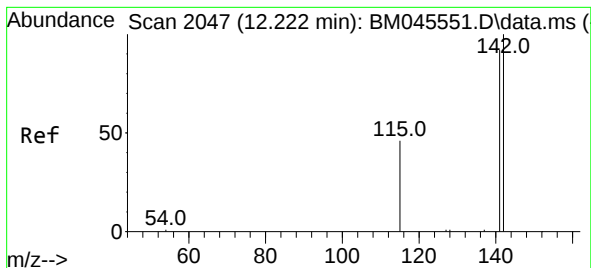
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

Tgt Ion:142 Resp: 1103
Ion Ratio Lower Upper
142 100
141 93.0 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.143 ng/ul

RT: 12.217 min Scan# 2046

Delta R.T. -0.005 min

Lab File: BM045558.D

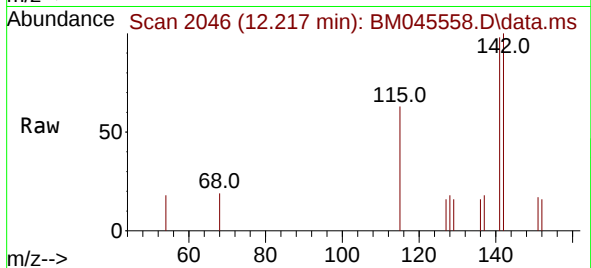
Acq: 25 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA8DL



Tgt Ion:142 Resp: 61

Ion Ratio Lower Upper

142 100

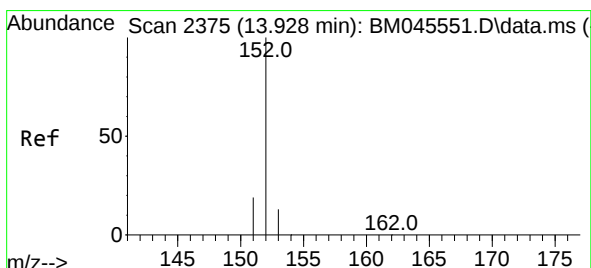
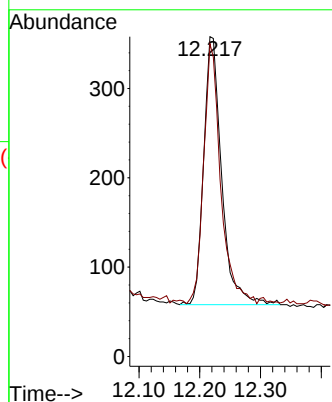
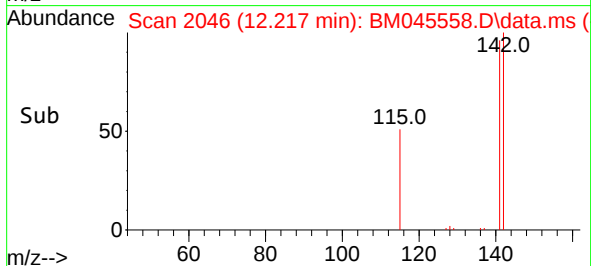
141 92.0 76.1 114.1

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#10

Acenaphthylene

Concen: 0.519 ng/ul

RT: 13.918 min Scan# 2373

Delta R.T. -0.009 min

Lab File: BM045558.D

Acq: 25 Apr 2024 10:47

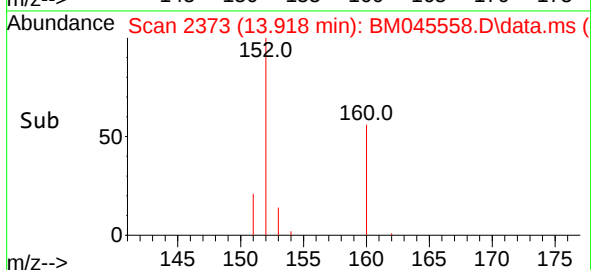
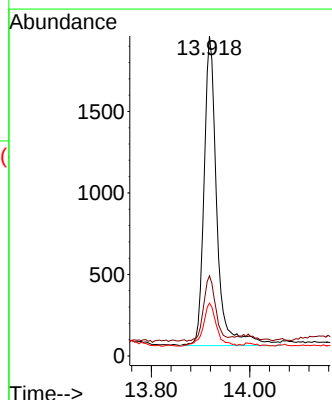
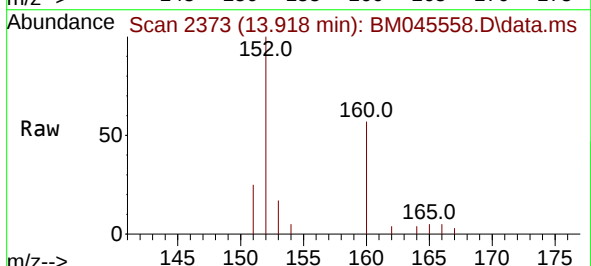
Tgt Ion:152 Resp: 3436

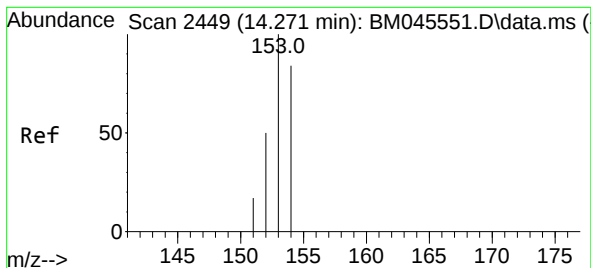
Ion Ratio Lower Upper

152 100

151 25.1 18.6 28.0

153 16.5 14.1 21.1





#11

Acenaphthene

Concen: 0.466 ng/ul

RT: 14.260 min Scan# 2449

Delta R.T. -0.009 min

Lab File: BM045558.D

Acq: 25 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA8DL

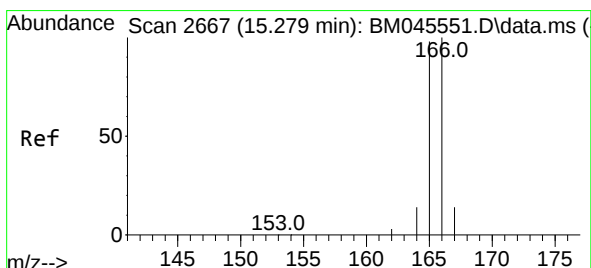
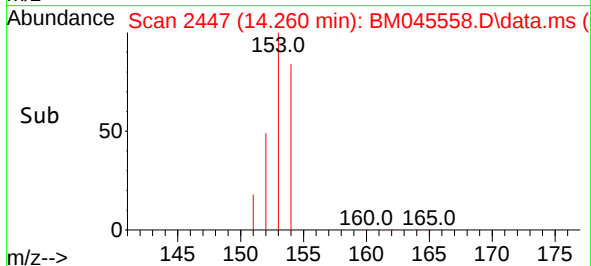
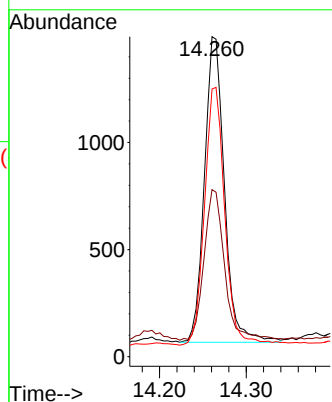
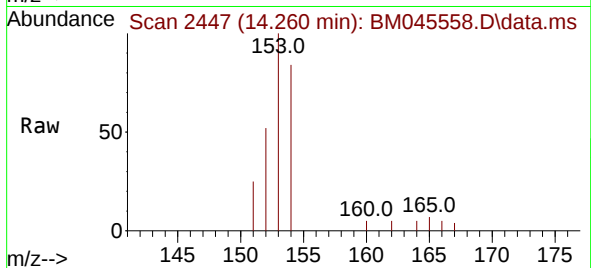
Tgt Ion:	153	Resp:	229
Ion Ratio	Lower	Upper	
153	100		
152	52.2	43.4	65.2
154	83.7	69.0	103.6

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#12

Fluorene

Concen: 1.036 ng/ul

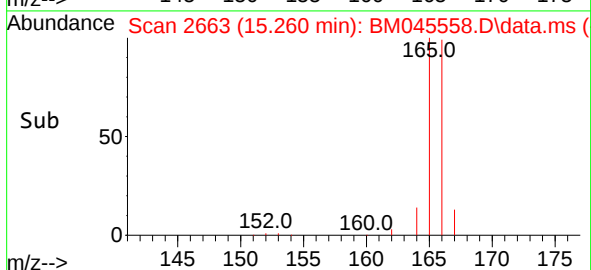
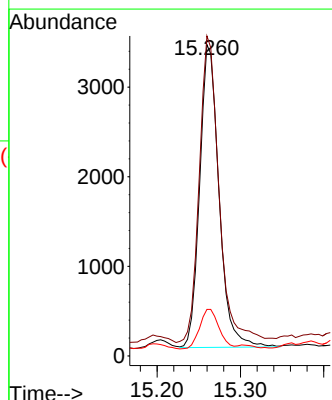
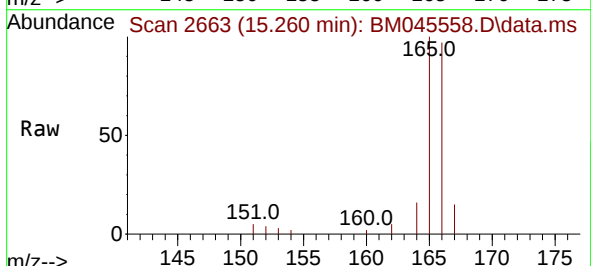
RT: 15.260 min Scan# 2663

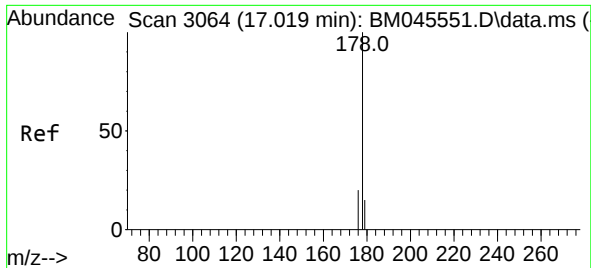
Delta R.T. -0.018 min

Lab File: BM045558.D

Acq: 25 Apr 2024 10:47

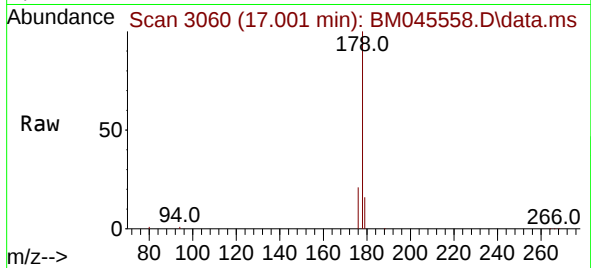
Tgt Ion:	166	Resp:	5450
Ion Ratio	Lower	Upper	
166	100		
165	102.8	82.2	123.2
167	15.0	14.8	22.2





#15
Phenanthrene
Concen: 7.376 ng/ul
RT: 17.001 min Scan# 3064
Delta R.T. -0.021 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

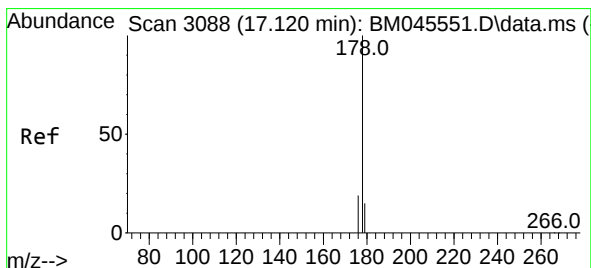
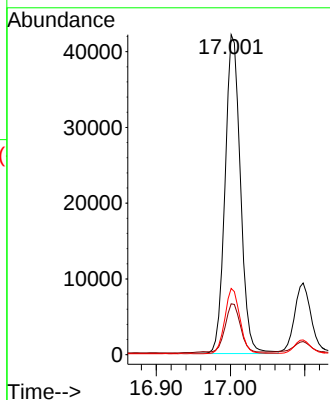
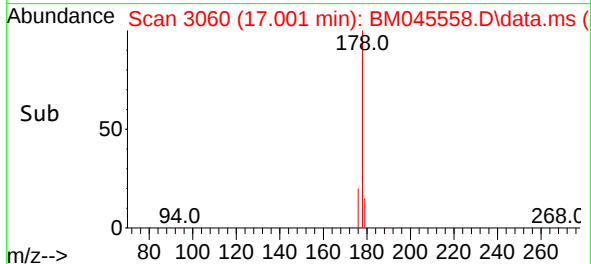
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



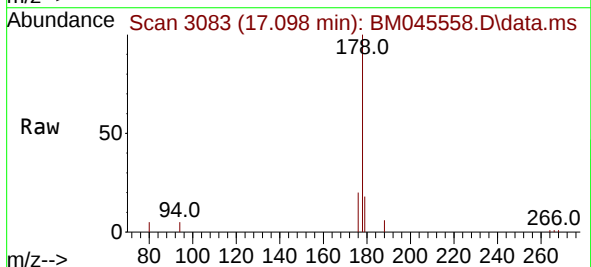
Tgt Ion:178 Resp: 60640
Ion Ratio Lower Upper
178 100
179 15.9 15.4 23.2
176 20.7 19.0 28.4

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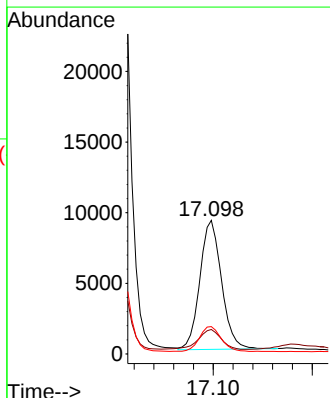
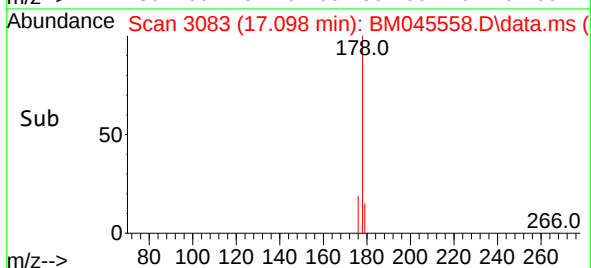
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

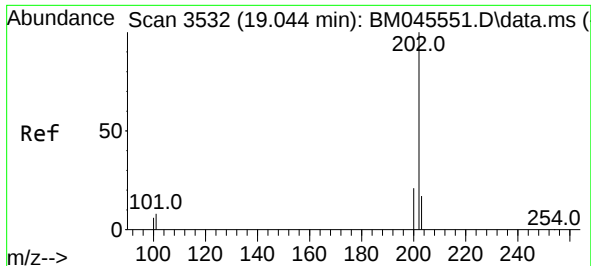


#16
Anthracene
Concen: 1.816 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47



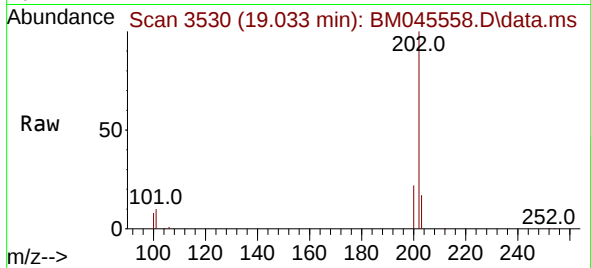
Tgt Ion:178 Resp: 13969
Ion Ratio Lower Upper
178 100
179 18.3 17.8 26.6
176 20.5 18.7 28.1





#19
Fluoranthene
Concen: 5.646 ng/u1
RT: 19.033 min Scan# 3532
Delta R.T. -0.014 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

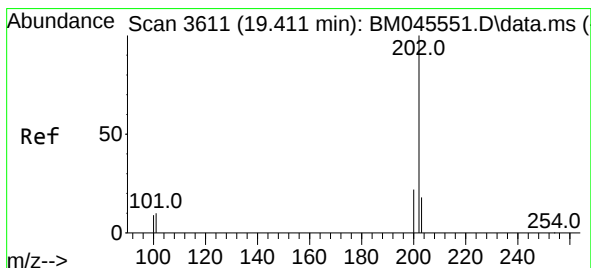
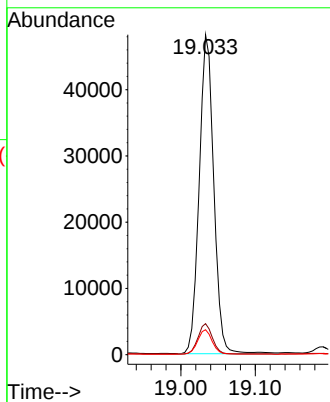
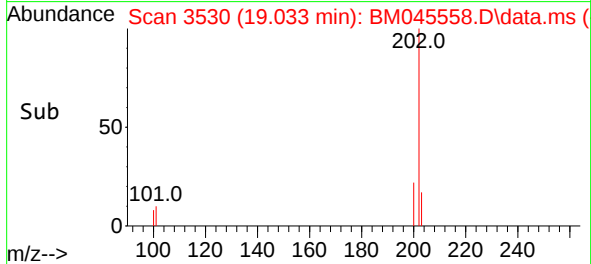
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



Tgt Ion:202 Resp: 65424
Ion Ratio Lower Upper
202 100
101 9.7 11.2 16.8#
100 7.8 9.1 13.7#

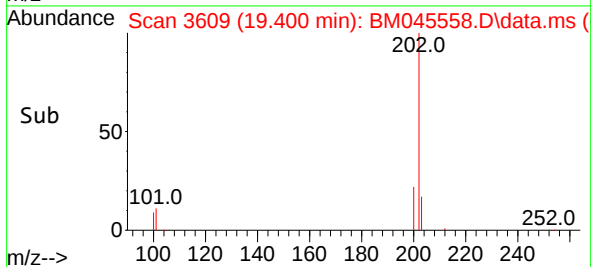
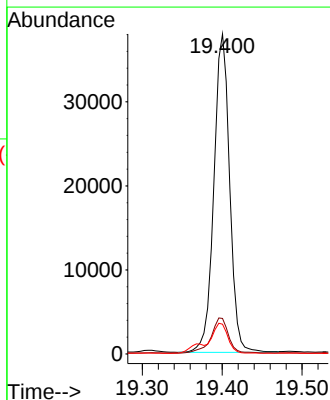
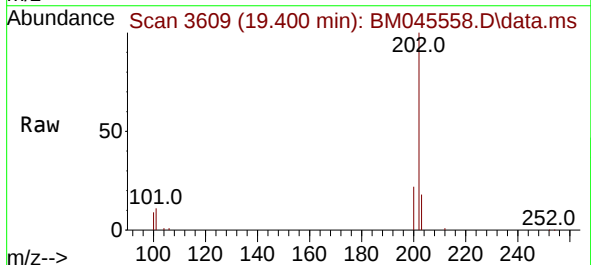
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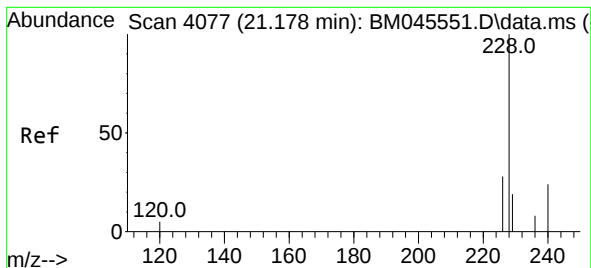
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 4.367 ng/u1
RT: 19.400 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

Tgt Ion:202 Resp: 52011
Ion Ratio Lower Upper
202 100
101 11.1 11.5 17.3#
100 9.3 10.6 15.8#





#21

Benzo(a)anthracene

Concen: 3.159 ng/ul

RT: 21.164 min Scan# 4077

Delta R.T. -0.018 min

Lab File: BM045558.D

Acq: 25 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA8DL

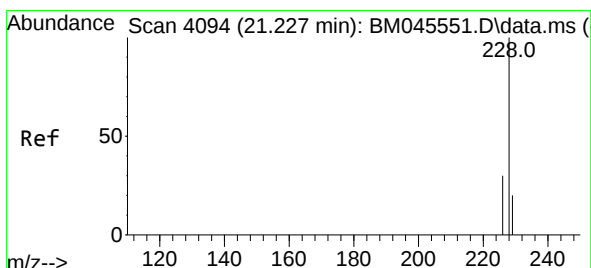
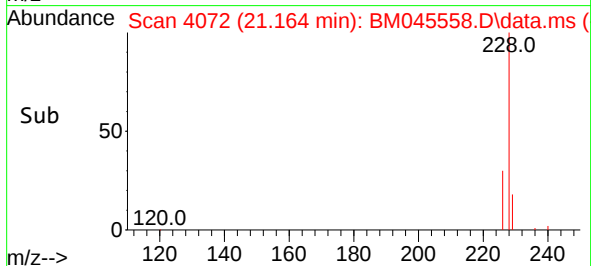
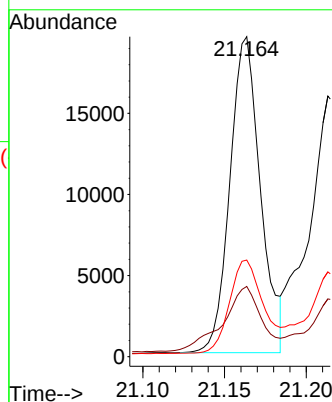
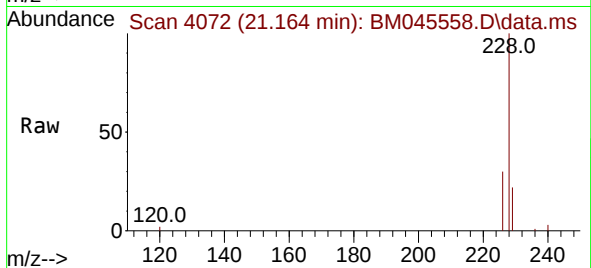
Tgt Ion:228	Resp: 2535
Ion Ratio	Lower Upper
228 100	
229 21.9	19.4 29.2
226 30.2	26.3 39.5

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#22

Chrysene

Concen: 2.002 ng/ul

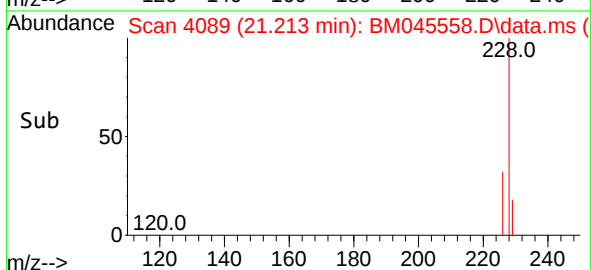
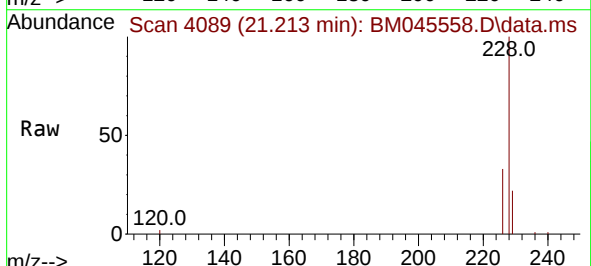
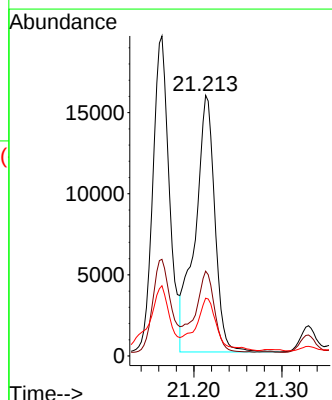
RT: 21.213 min Scan# 4089

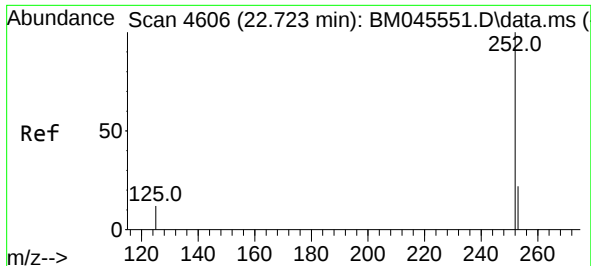
Delta R.T. -0.015 min

Lab File: BM045558.D

Acq: 25 Apr 2024 10:47

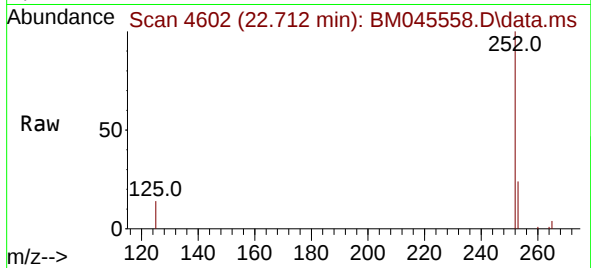
Tgt Ion:228	Resp: 24705
Ion Ratio	Lower Upper
228 100	
226 32.5	26.3 39.5
229 22.2	17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 3.654 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

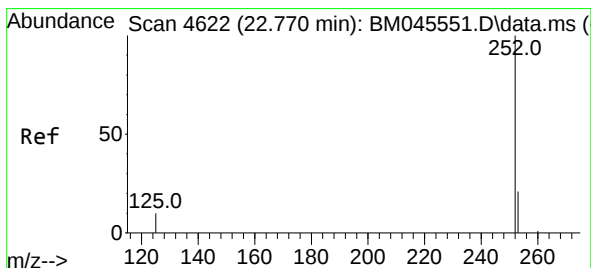
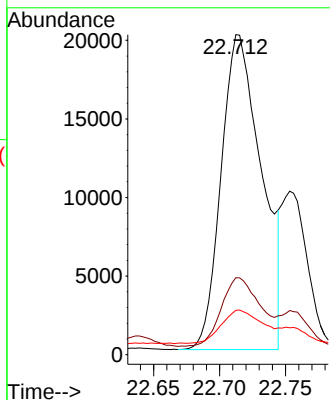
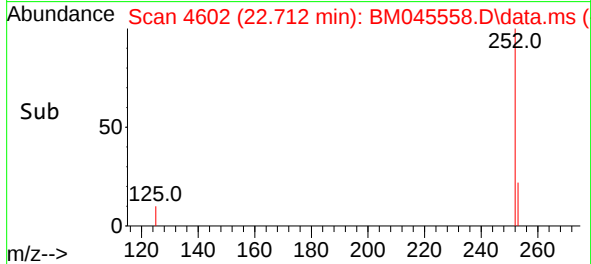
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



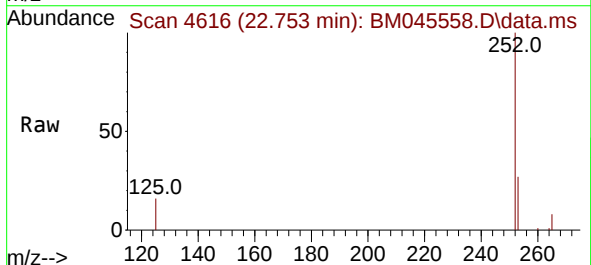
Tgt Ion:252 Resp: 42740
Ion Ratio Lower Upper
252 100
253 24.0 0.0 63.4
125 13.8 0.0 36.8

Manual Integrations
APPROVED

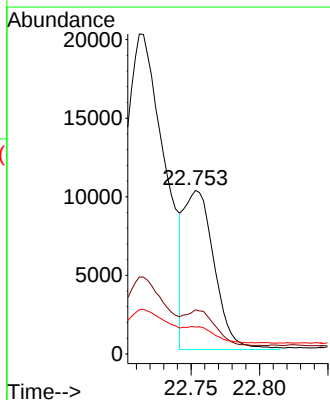
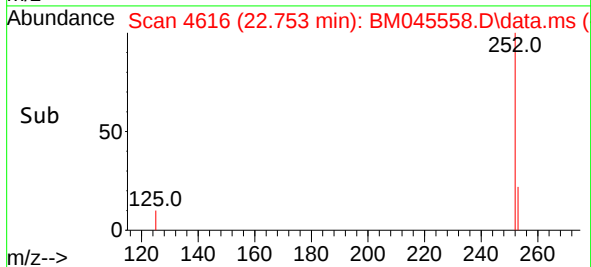
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

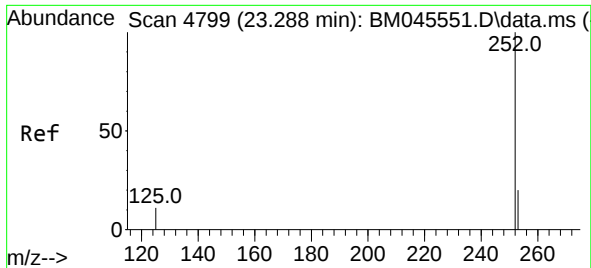


#25
Benzo(k)fluoranthene
Concen: 1.052 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47



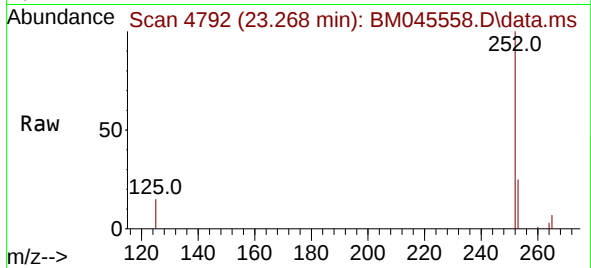
Tgt Ion:252 Resp: 15552
Ion Ratio Lower Upper
252 100
253 27.0 25.4 38.0
125 16.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.195 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.024 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

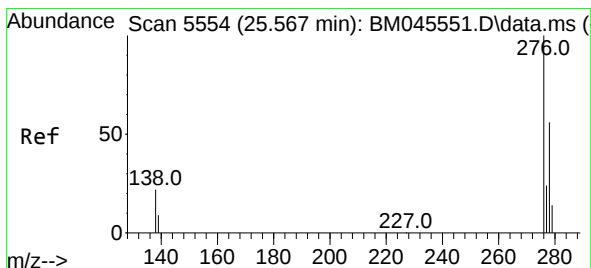
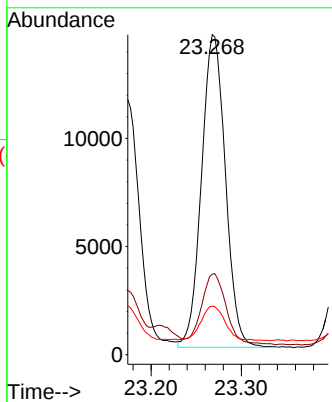
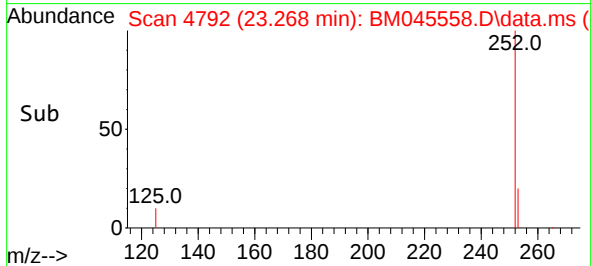
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



Tgt Ion:252 Resp: 26629
Ion Ratio Lower Upper
252 100
253 25.2 31.6 47.4
125 15.2 19.5 29.3

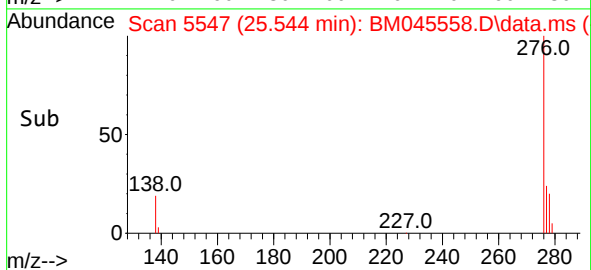
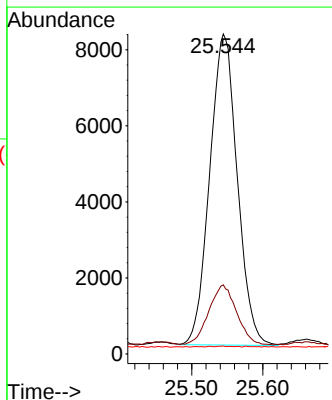
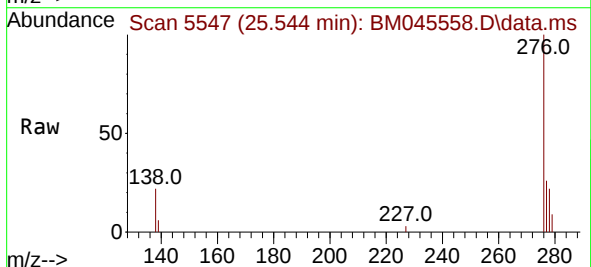
Manual Integrations
APPROVED

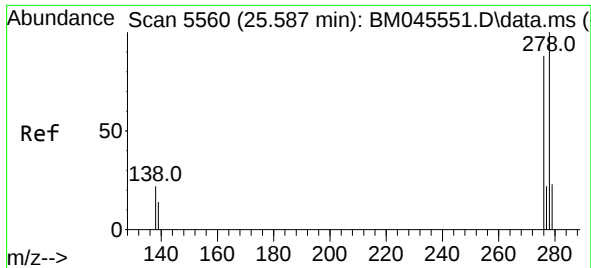
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.248 ng/ul
RT: 25.544 min Scan# 5547
Delta R.T. -0.027 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

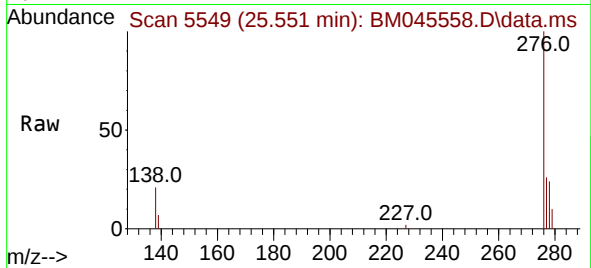
Tgt Ion:276 Resp: 22007
Ion Ratio Lower Upper
276 100
138 19.8 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.551 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47

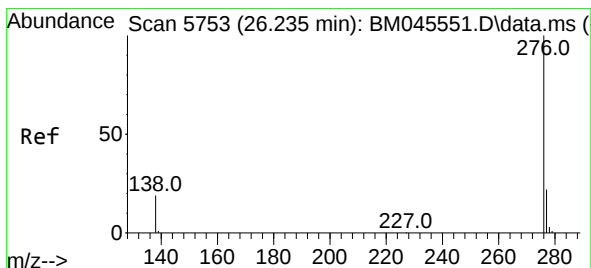
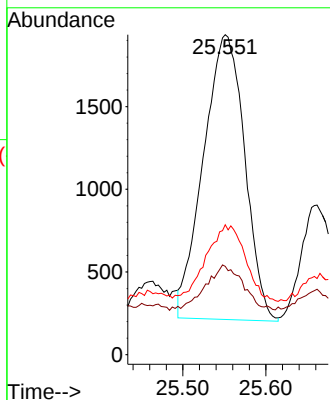
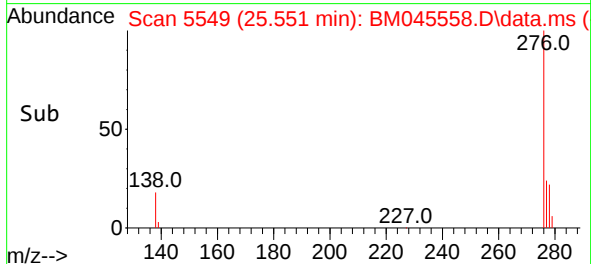
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



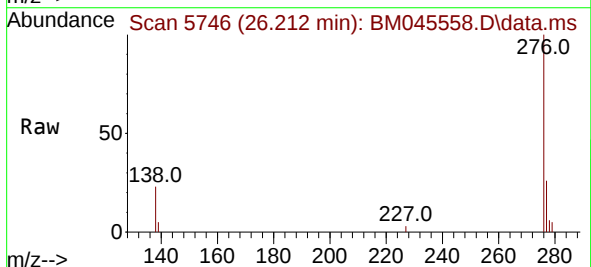
Tgt Ion:278 Resp: 594
Ion Ratio Lower Upper
278 100
139 27.6 19.0 28.6
279 40.6 29.4 44.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.084 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.024 min
Lab File: BM045558.D
Acq: 25 Apr 2024 10:47



Tgt Ion:276 Resp: 17182
Ion Ratio Lower Upper
276 100
138 22.9 20.8 31.2
277 26.2 21.8 32.8

