

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045545.D
 Acq On : 25 Apr 2024 02:15
 Operator : MA/JU
 Sample : P2104-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 02:47:34 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	1211	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	3135	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1872	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3466m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	3341	0.400	ng/ul	#-0.01
23) Perylene-d12	23.372	264	4011	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	6790	4.183	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	1179	0.285	ng/ul	-0.02
18) Fluoranthene-d10	19.007	212	2369	0.225	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.363	128	8512	1.011	ng/ul#	88
7) 2-Methylnaphthalene	11.991	142	6018	1.252	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	3190	0.592	ng/ul	99
10) Acenaphthylene	13.919	152	18136	1.964	ng/ul	97
11) Acenaphthene	14.261	153	11822	1.724	ng/ul	97
12) Fluorene	15.261	166	28255	3.853	ng/ul#	99
15) Phenanthrene	17.006	178	324844m	32.182	ng/ul	
16) Anthracene	17.099	178	70608	7.476	ng/ul#	92
19) Fluoranthene	19.039	202	348373	22.595	ng/ul#	90
20) Pyrene	19.406	202	263515	16.628	ng/ul#	92
21) Benzo(a)anthracene	21.166	228	129329	12.110	ng/ul	95
22) Chrysene	21.219	228	121437	7.396	ng/ul	99
24) Benzo(b)fluoranthene	22.720	252	215921m	16.003	ng/ul	
25) Benzo(k)fluoranthene	22.758	252	69036m	4.050	ng/ul	
26) Benzo(a)pyrene	23.279	252	129695	9.268	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.557	276	106518	5.237	ng/ul	91
28) Dibenzo(a,h)anthracene	25.561	278	28958	1.795	ng/ul	96
29) Benzo(g,h,i)perylene	26.225	276	82824	4.532	ng/ul	94

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

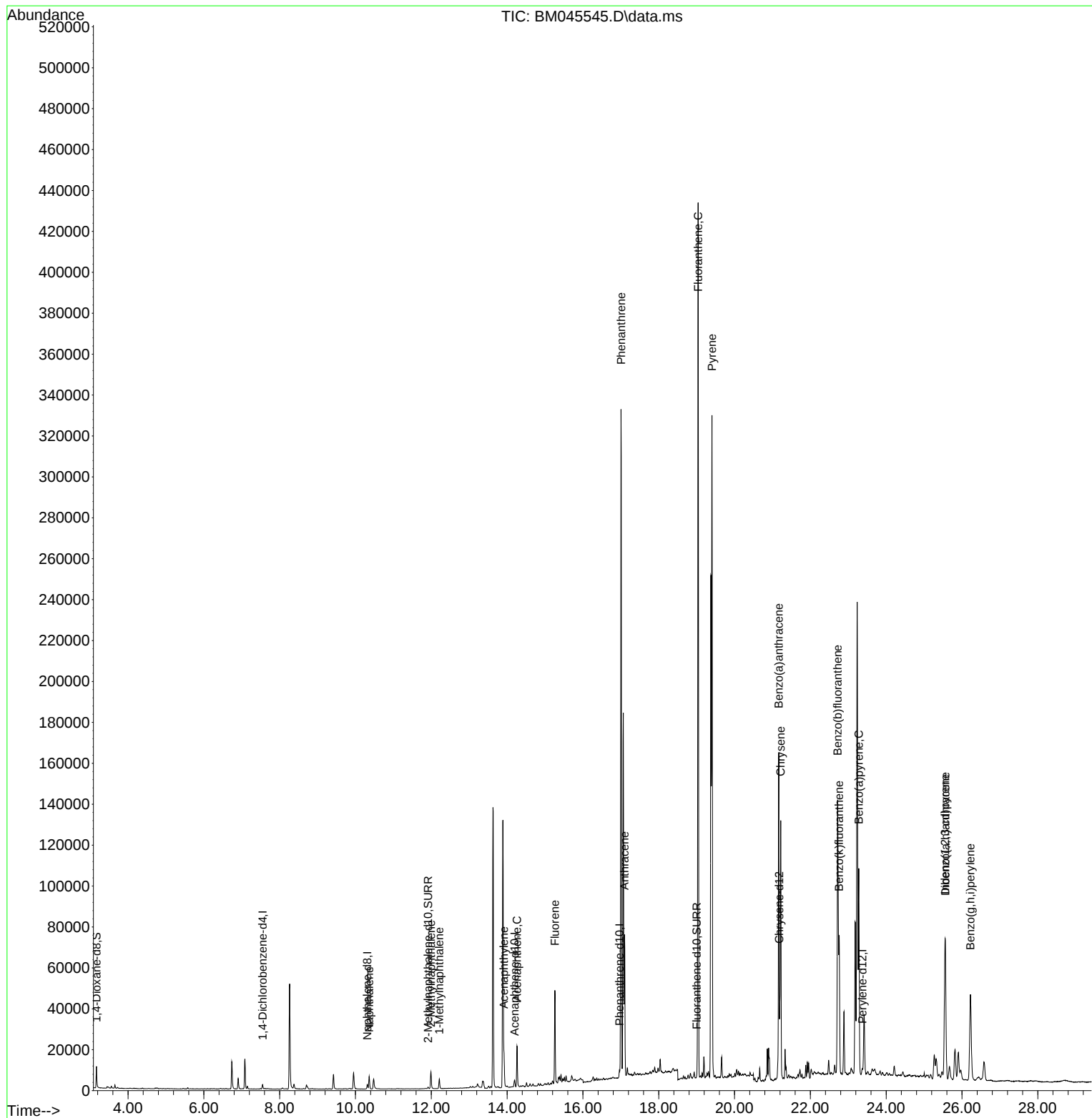
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045545.D
Acq On : 25 Apr 2024 02:15
Operator : MA/JU
Sample : P2104-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

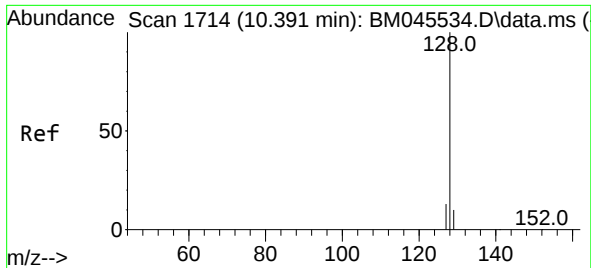
Instrument :
BNA_M
ClientSampleId :
C0AA8

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Supervised By :mohammad ahmed 04/27/2024

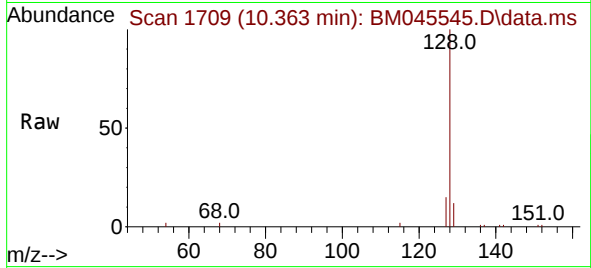
Quant Time: Apr 25 02:47:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.011 ng/ul
RT: 10.363 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

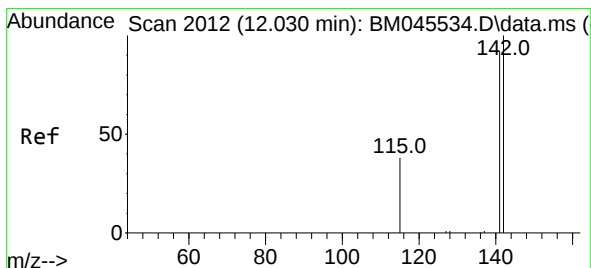
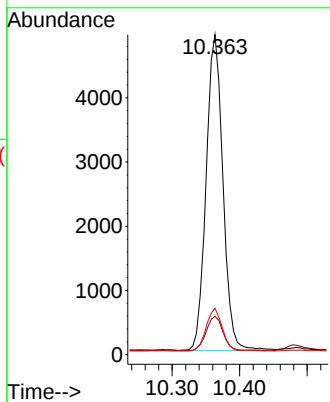
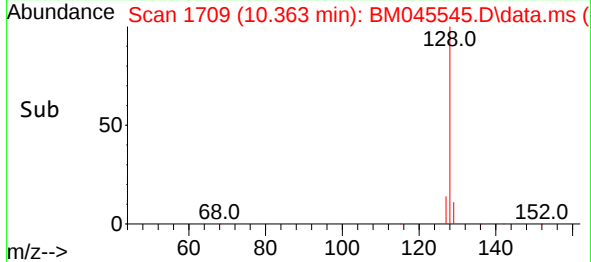
Instrument :
BNA_M
ClientSampleId :
C0AA8



Tgt Ion:128 Resp: 8512
Ion Ratio Lower Upper
128 100
129 12.0 14.0 21.0
127 14.5 15.4 23.2

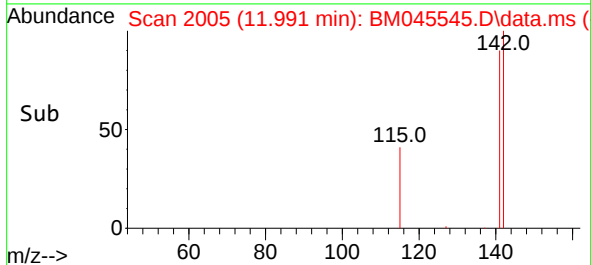
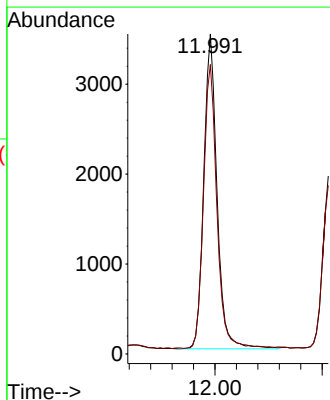
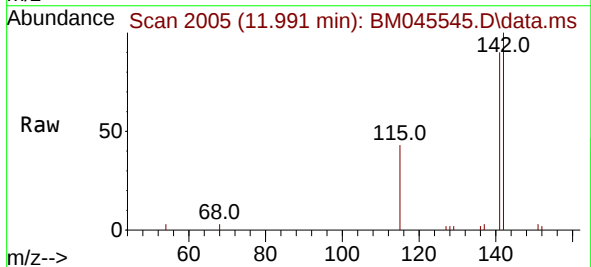
Manual Integrations
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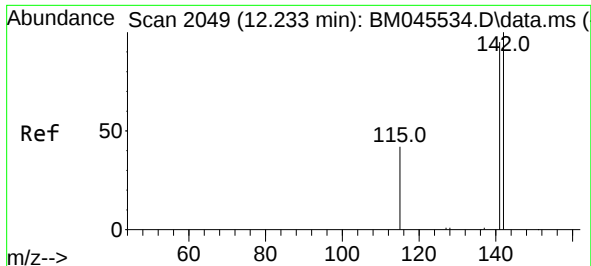
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 1.252 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

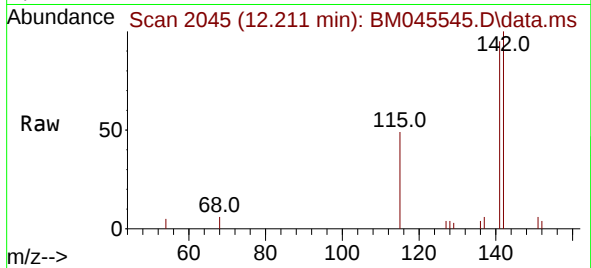
Tgt Ion:142 Resp: 6018
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.592 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

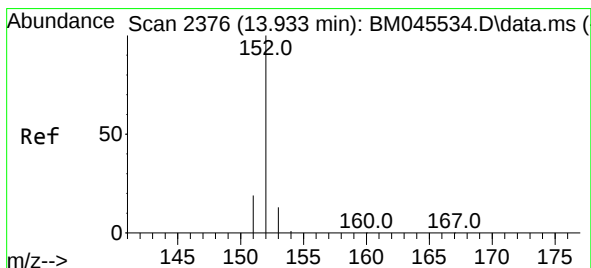
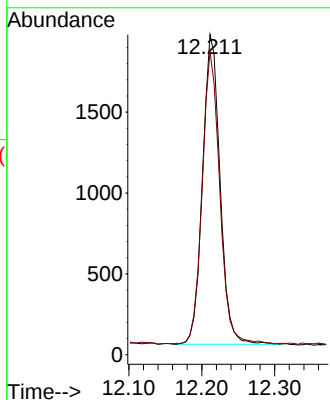
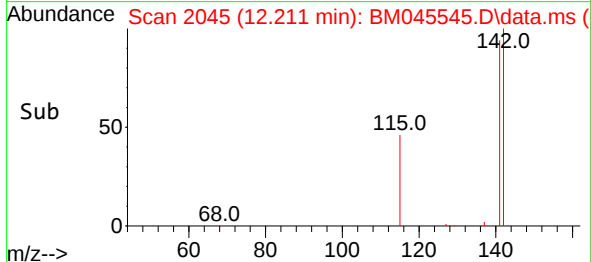
Instrument :
BNA_M
ClientSampleId :
C0AA8



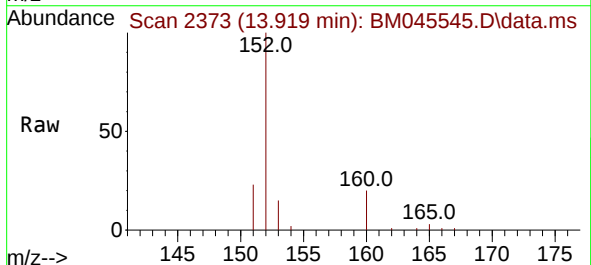
Tgt Ion:142 Resp: 3190
Ion Ratio Lower Upper
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141 95.7 76.1 114.1

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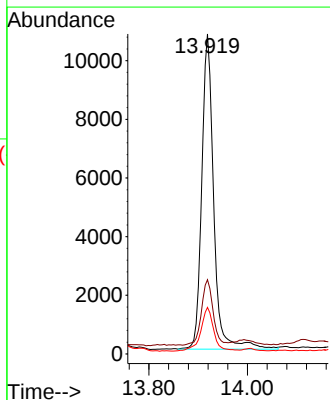
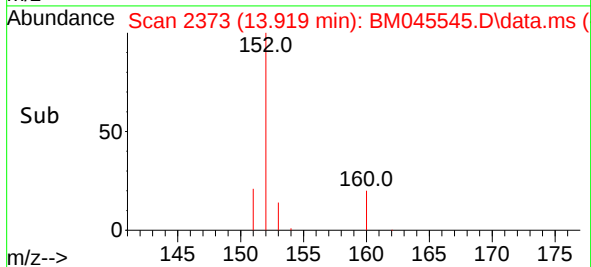
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

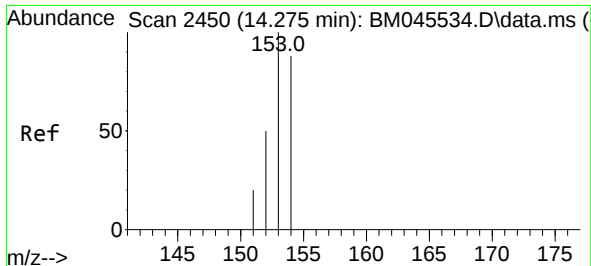


#10
Acenaphthylene
Concen: 1.964 ng/ul
RT: 13.919 min Scan# 2373
Delta R.T. -0.008 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15



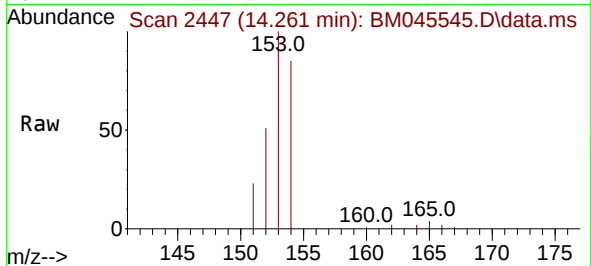
Tgt Ion:152 Resp: 18136
Ion Ratio Lower Upper
152 100
151 23.2 18.6 28.0
153 14.5 14.1 21.1





#11
Acenaphthene
Concen: 1.724 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

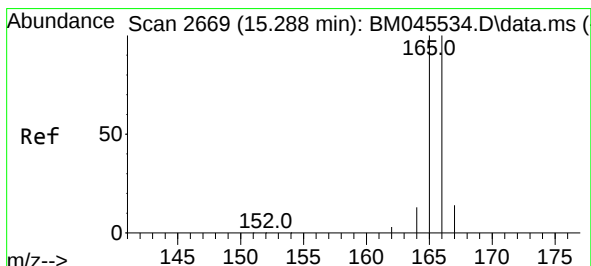
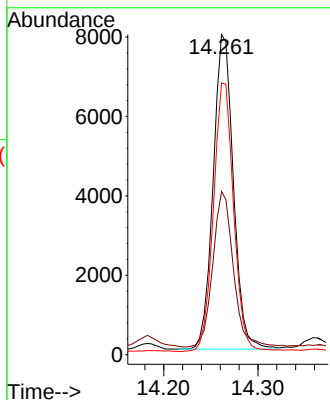
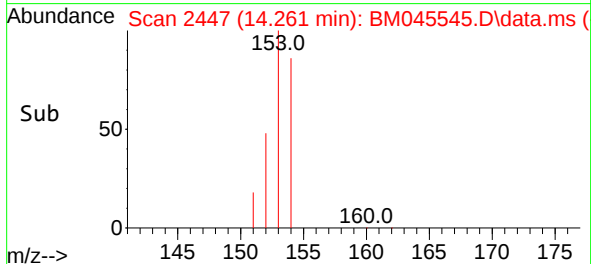
Instrument :
BNA_M
ClientSampleId :
C0AA8



Tgt Ion:153 Resp: 1182
Ion Ratio Lower Upper
153 100
152 50.9 43.4 65.2
154 84.9 69.0 103.6

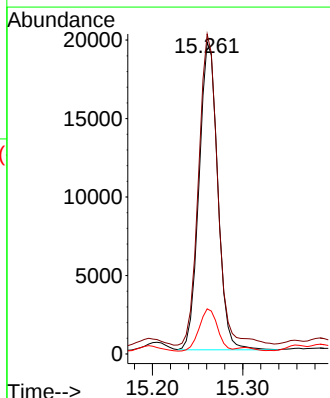
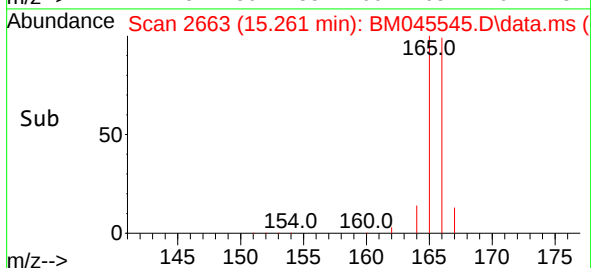
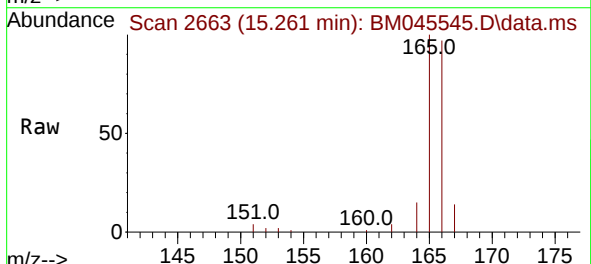
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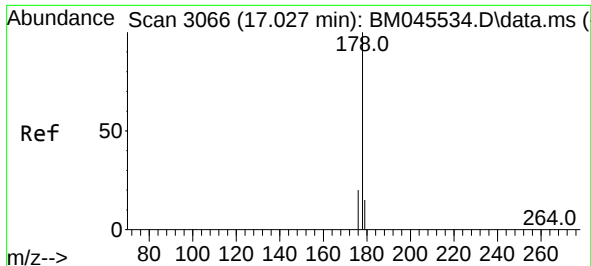
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 3.853 ng/ul
RT: 15.261 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

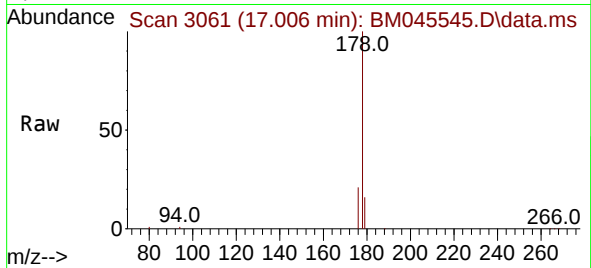
Tgt Ion:166 Resp: 28255
Ion Ratio Lower Upper
166 100
165 102.6 82.2 123.2
167 14.5 14.8 22.2#





#15
Phenanthrene
Concen: 32.182 ng/ul m
RT: 17.006 min Scan# 3061
Delta R.T. -0.016 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

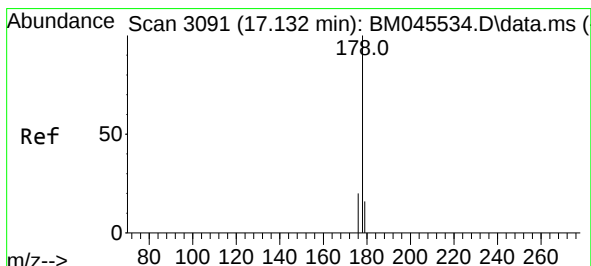
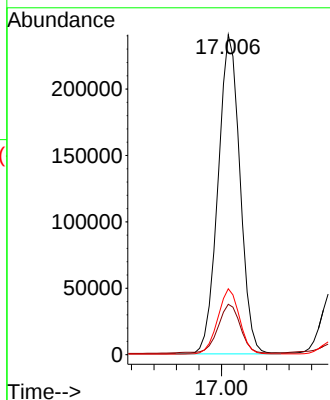
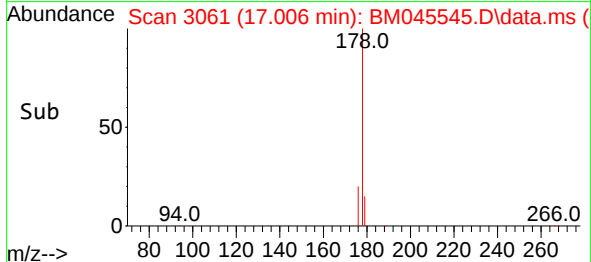
Instrument :
BNA_M
ClientSampleId :
C0AA8



Tgt Ion:178 Resp: 32484
Ion Ratio Lower Upper
178 100
179 15.7 15.4 23.2
176 20.6 19.0 28.4

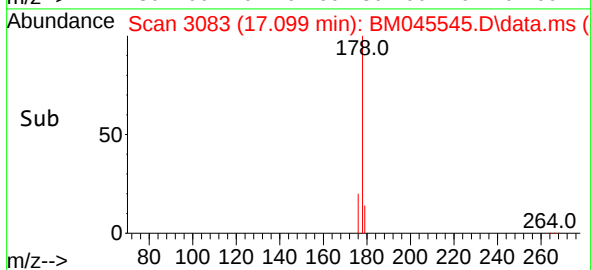
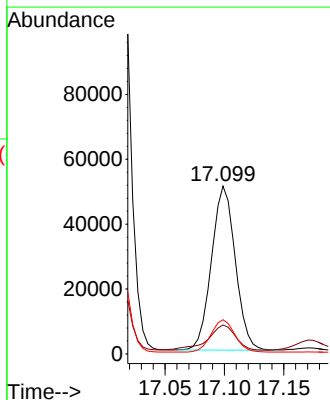
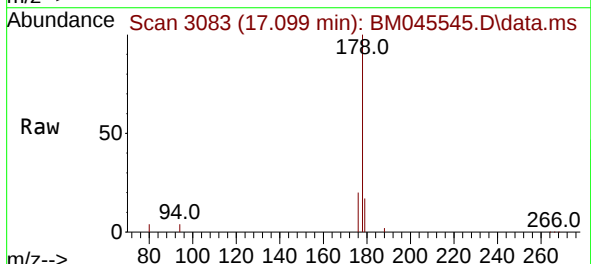
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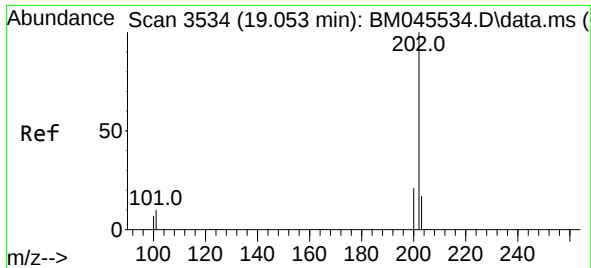
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 7.476 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. -0.020 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

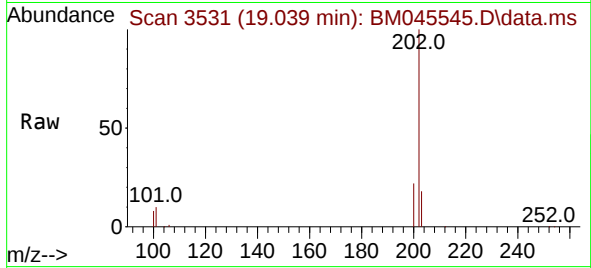
Tgt Ion:178 Resp: 70608
Ion Ratio Lower Upper
178 100
179 17.2 17.8 26.6#
176 20.4 18.7 28.1





#19
Fluoranthene
Concen: 22.595 ng/u1
RT: 19.039 min Scan# 3534
Delta R.T. -0.008 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

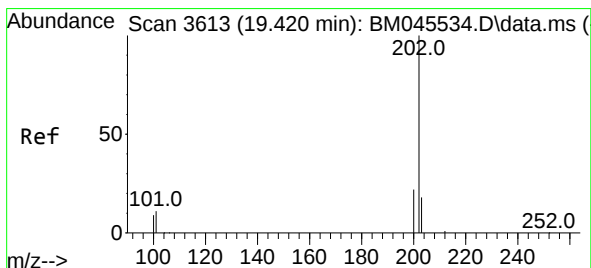
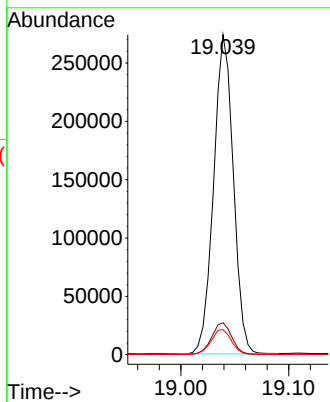
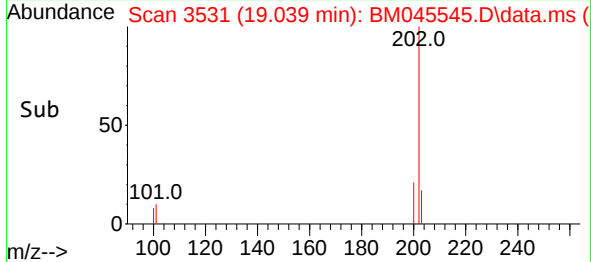
Instrument :
BNA_M
ClientSampleId :
C0AA8



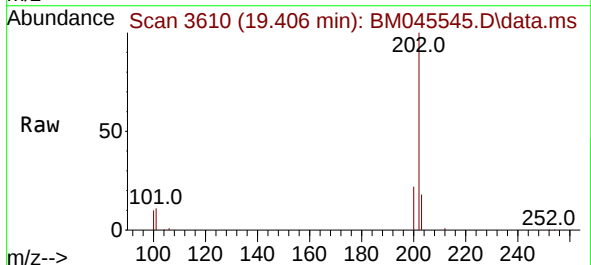
Tgt Ion:202 Resp: 34837
Ion Ratio Lower Upper
202 100
101 10.0 11.2 16.8
100 7.8 9.1 13.7

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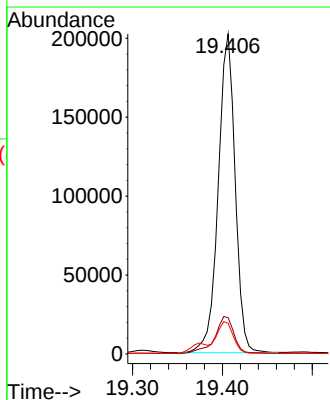
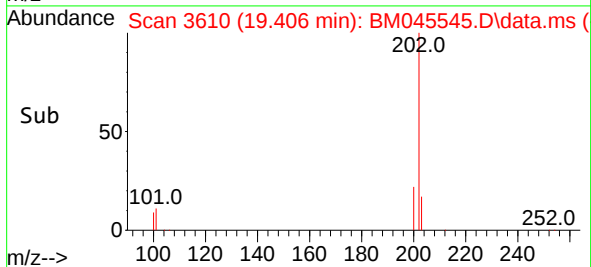
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

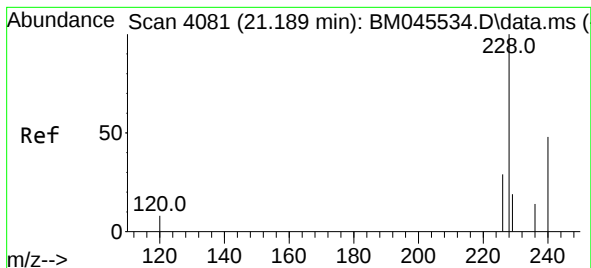


#20
Pyrene
Concen: 16.628 ng/u1
RT: 19.406 min Scan# 3610
Delta R.T. -0.008 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15



Tgt Ion:202 Resp: 263515
Ion Ratio Lower Upper
202 100
101 11.4 11.5 17.3#
100 9.6 10.6 15.8#





#21

Benzo(a)anthracene

Concen: 12.110 ng/ul

RT: 21.166 min Scan# 4073

Delta R.T. -0.015 min

Lab File: BM045545.D

Acq: 25 Apr 2024 02:15

Instrument :

BNM

ClientSampleId :

C0AA8

Tgt Ion:228 Resp: 129329

Ion Ratio Lower Upper

228 100

229 21.1 19.4 29.2

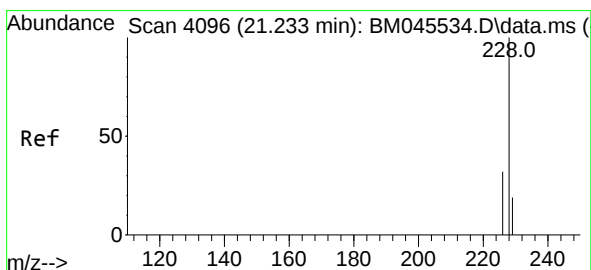
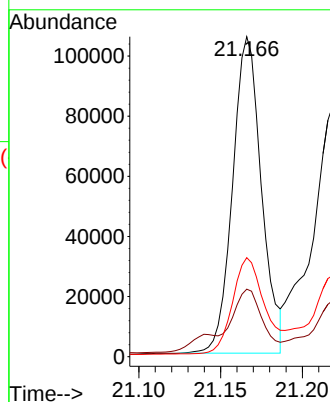
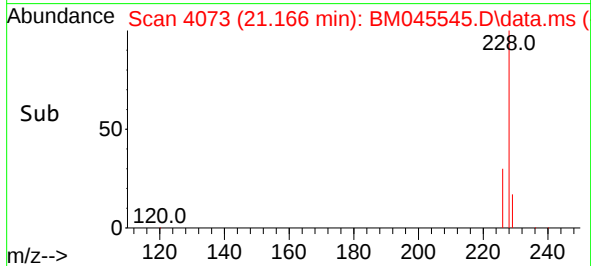
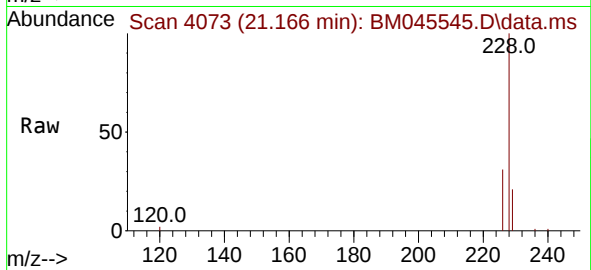
226 30.9 26.3 39.5

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#22

Chrysene

Concen: 7.396 ng/ul

RT: 21.219 min Scan# 4091

Delta R.T. -0.010 min

Lab File: BM045545.D

Acq: 25 Apr 2024 02:15

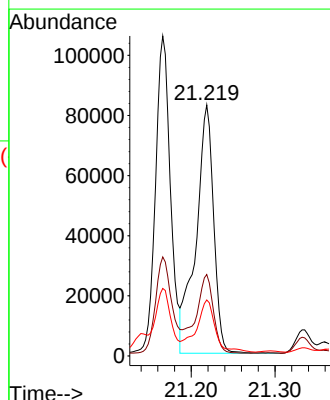
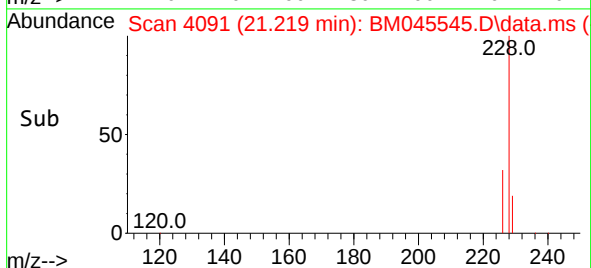
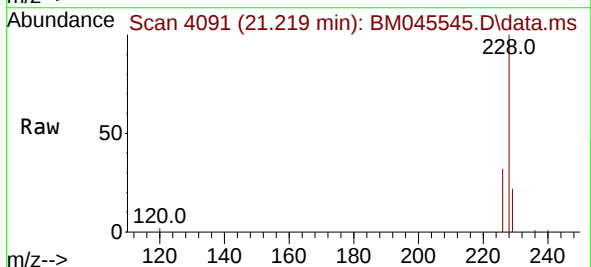
Tgt Ion:228 Resp: 121437

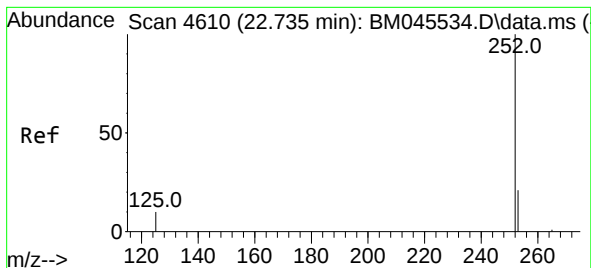
Ion Ratio Lower Upper

228 100

226 32.4 26.3 39.5

229 22.3 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 16.003 ng/ul m

RT: 22.720 min Scan# 4605

Delta R.T. -0.010 min

Lab File: BM045545.D

Acq: 25 Apr 2024 02:15

Instrument :

BNA_M

ClientSampleId :

C0AA8

Tgt Ion:252 Resp: 21592

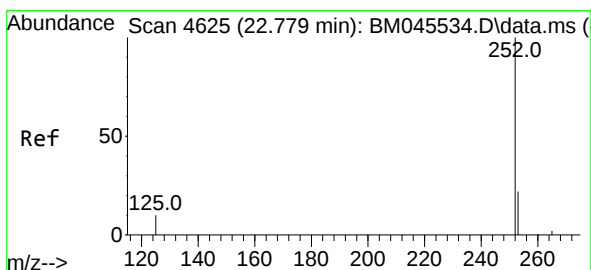
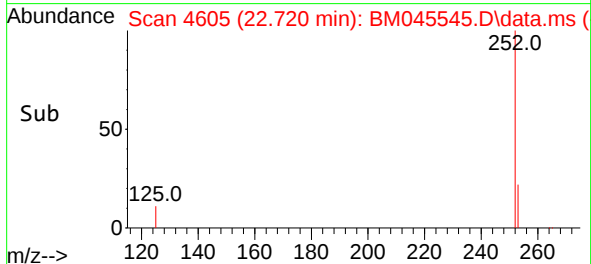
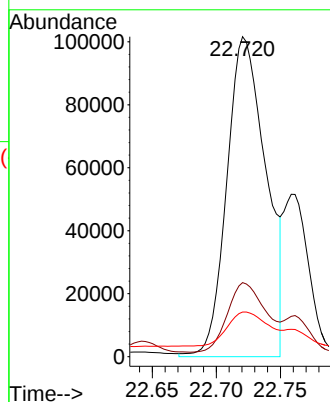
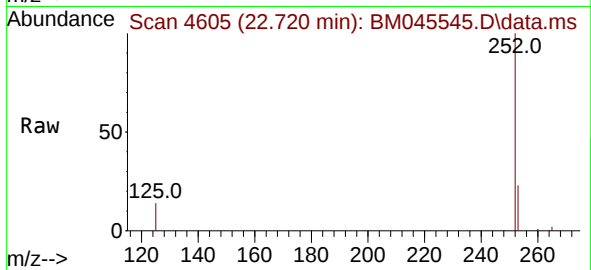
Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	63.4
125	14.0	0.0	36.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#25

Benzo(k)fluoranthene

Concen: 4.050 ng/ul m

RT: 22.758 min Scan# 4618

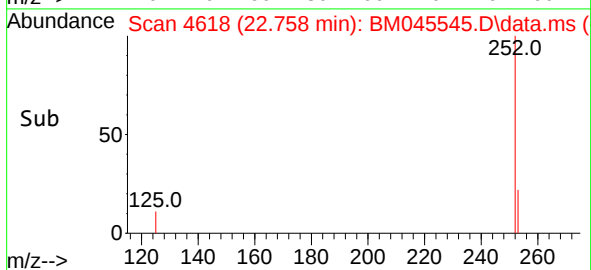
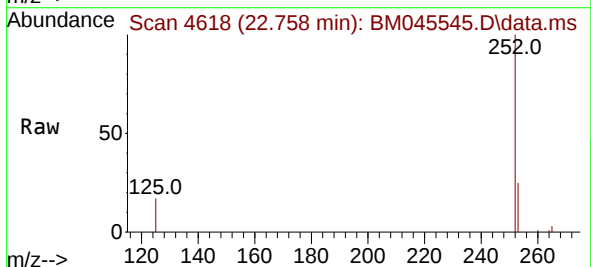
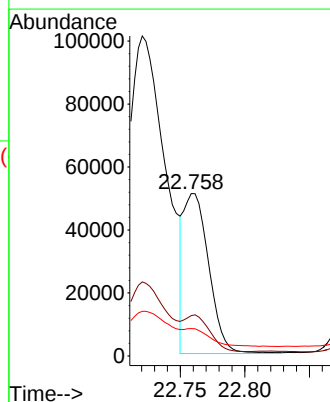
Delta R.T. -0.012 min

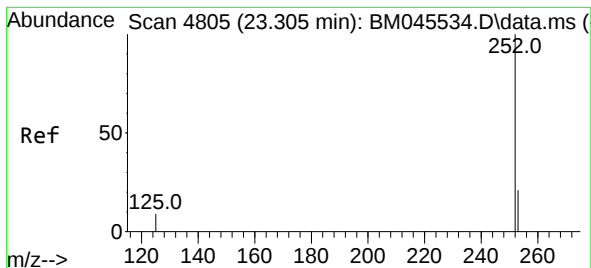
Lab File: BM045545.D

Acq: 25 Apr 2024 02:15

Tgt Ion:252 Resp: 69036

Ion	Ratio	Lower	Upper
252	100		
253	24.8	25.4	38.0#
125	16.8	14.8	22.2





#26

Benzo(a)pyrene

Concen: 9.268 ng/ul

RT: 23.279 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM045545.D

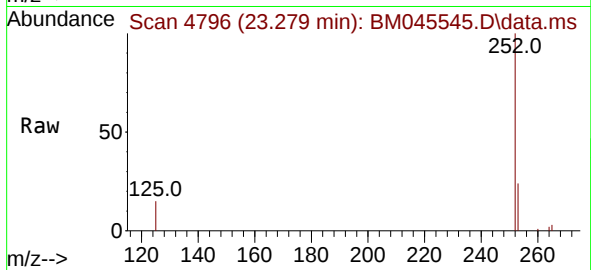
Acq: 25 Apr 2024 02:15

Instrument :

BNM_M

ClientSampleId :

C0AA8



Tgt Ion:252 Resp: 12969

Ion Ratio Lower Upper

252 100

253 24.1 31.6 47.4

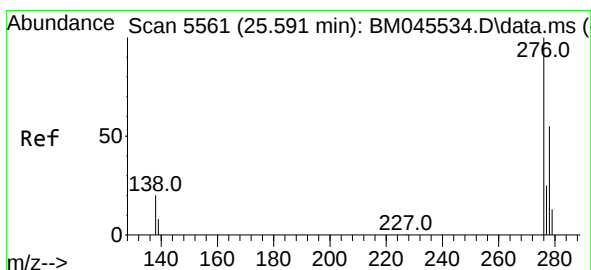
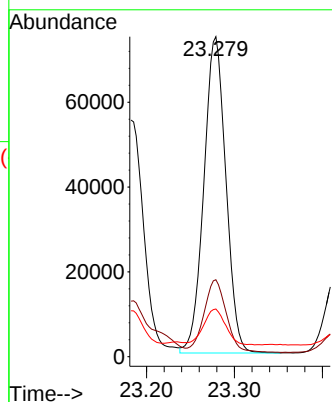
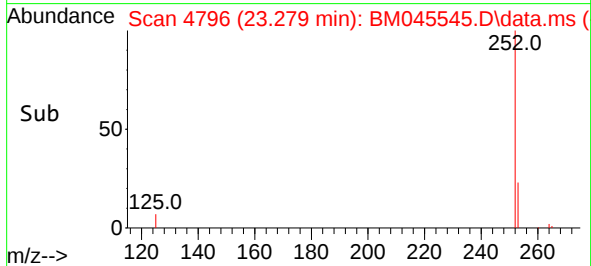
125 14.9 19.5 29.3

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: 5.237 ng/ul

RT: 25.557 min Scan# 5551

Delta R.T. -0.014 min

Lab File: BM045545.D

Acq: 25 Apr 2024 02:15

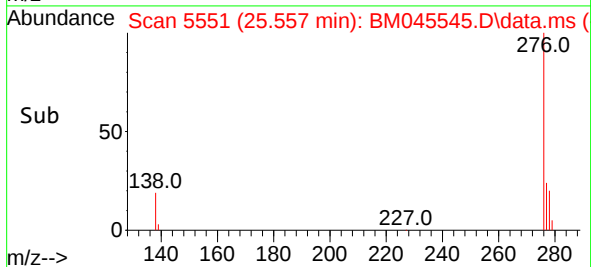
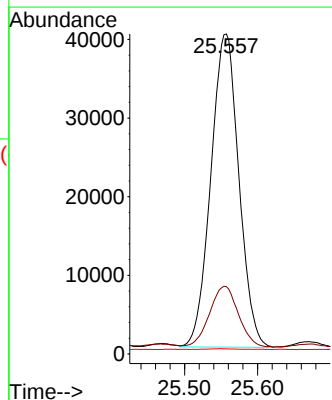
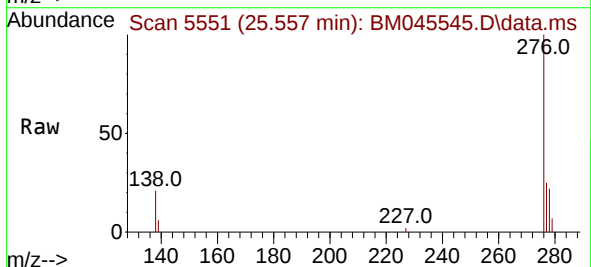
Tgt Ion:276 Resp: 106518

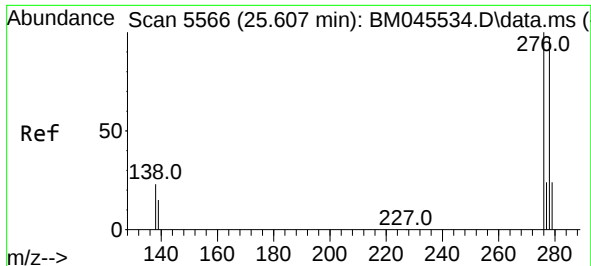
Ion Ratio Lower Upper

276 100

138 20.1 19.8 29.6

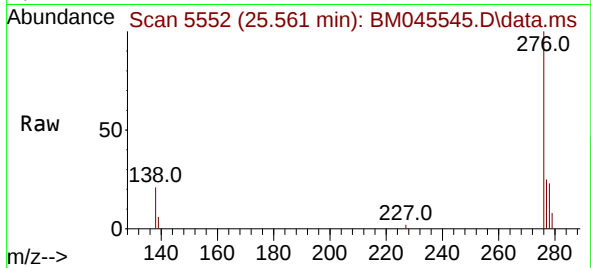
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.795 ng/ul
RT: 25.561 min Scan# 51
Delta R.T. -0.028 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

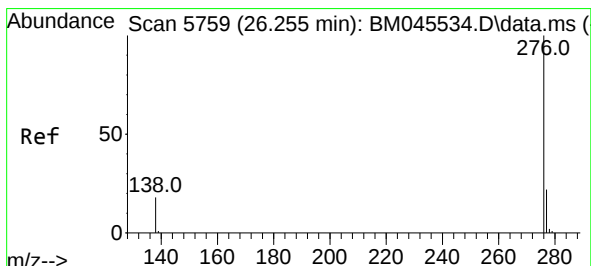
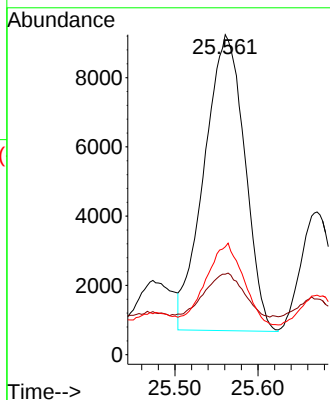
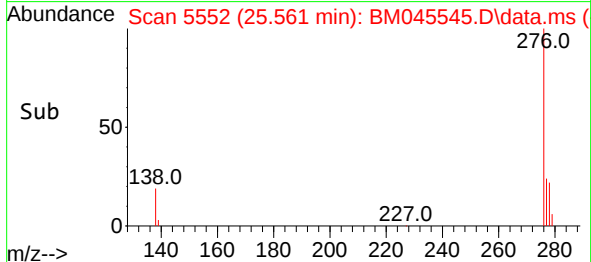
Instrument :
BNA_M
ClientSampleId :
C0AA8



Tgt Ion:278 Resp: 28958
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.6
279 33.7 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: 4.532 ng/ul
RT: 26.225 min Scan# 5750
Delta R.T. -0.011 min
Lab File: BM045545.D
Acq: 25 Apr 2024 02:15

Tgt Ion:276 Resp: 82824
Ion Ratio Lower Upper
276 100
138 22.2 20.8 31.2
277 25.2 21.8 32.8

