

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045544.D
 Acq On : 25 Apr 2024 01:39
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 02:12:27 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	1022	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2727	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1565	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	3064	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	4090	0.400	ng/ul	#-0.01
23) Perylene-d12	23.372	264	7811	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	2845	2.077	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	503	0.140	ng/ul	-0.02
18) Fluoranthene-d10	19.006	212	938	0.073	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	21583	2.947	ng/ul#	86
7) 2-Methylnaphthalene	11.991	142	9581	2.291	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	8511	1.815	ng/ul	98
10) Acenaphthylene	13.919	152	22873	2.964	ng/ul	94
11) Acenaphthene	14.261	153	52214	9.110	ng/ul	97
12) Fluorene	15.261	166	82504	13.458	ng/ul#	95
15) Phenanthrene	17.010	178	2753955	308.625	ng/ul	93
16) Anthracene	17.095	178	175911	21.071	ng/ul#	90
19) Fluoranthene	19.048	202	5653124	299.511	ng/ul#	89
20) Pyrene	19.411	202	3920984	202.108	ng/ul#	92
21) Benzo(a)anthracene	21.169	228	1606113	122.852	ng/ul	94
22) Chrysene	21.224	228	1886458	93.849	ng/ul	98
24) Benzo(b)fluoranthene	22.738	252	3184943m	121.216	ng/ul	
25) Benzo(k)fluoranthene	22.770	252	1045556m	31.495	ng/ul	
26) Benzo(a)pyrene	23.291	252	2000576	73.415	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.581	276	1556576	39.301	ng/ul	91
28) Dibenzo(a,h)anthracene	25.581	278	402013m	12.798	ng/ul	
29) Benzo(g,h,i)perylene	26.251	276	1181440	33.198	ng/ul#	92

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

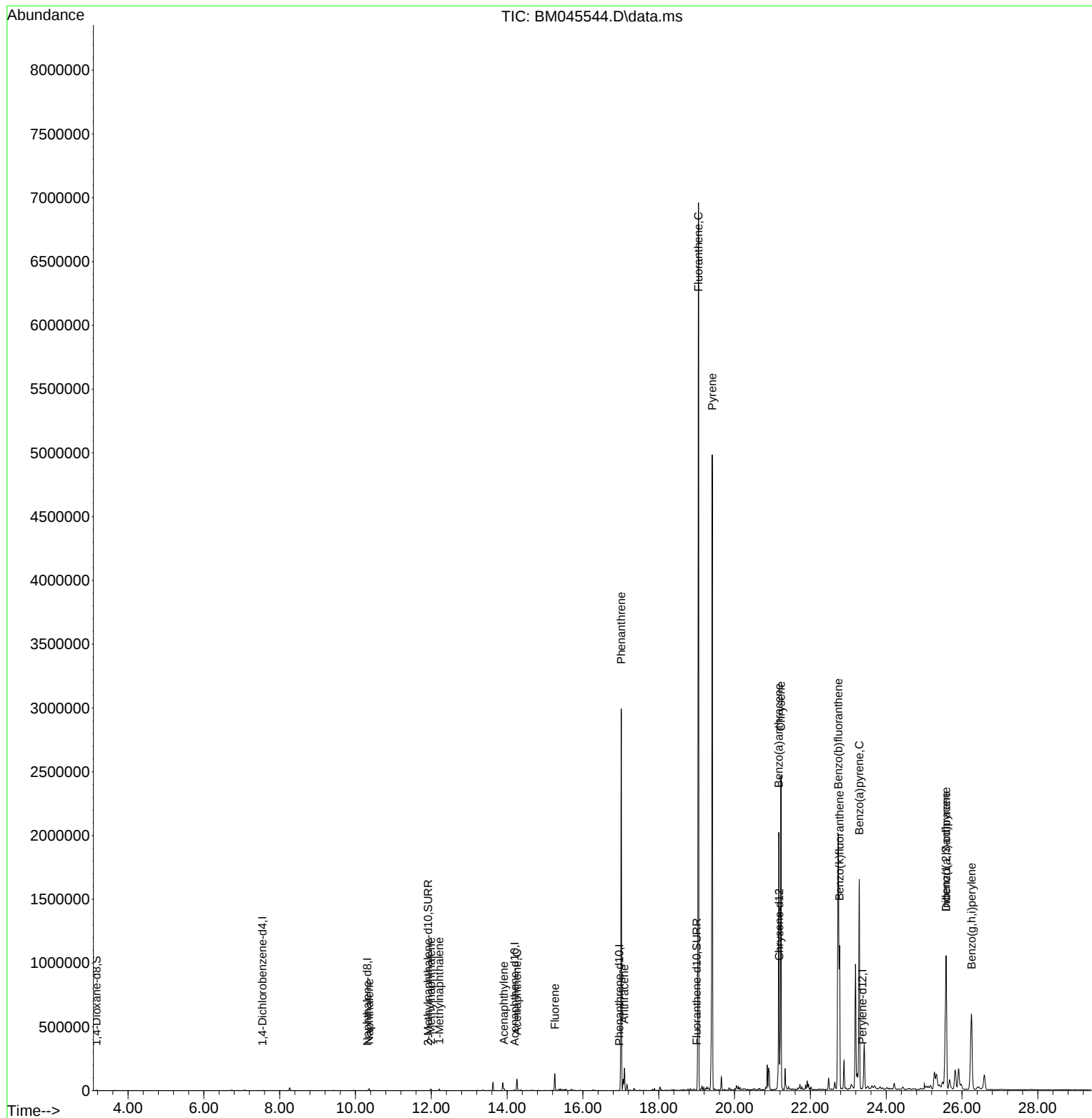
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045544.D
Acq On : 25 Apr 2024 01:39
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

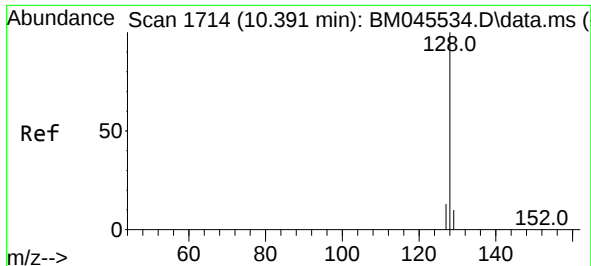
Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual Integrations
APPROVED

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

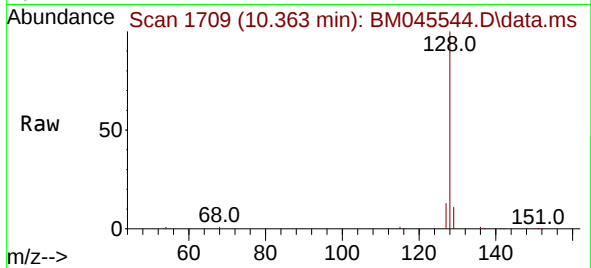
Quant Time: Apr 25 02:12:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.947 ng/ul
RT: 10.363 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

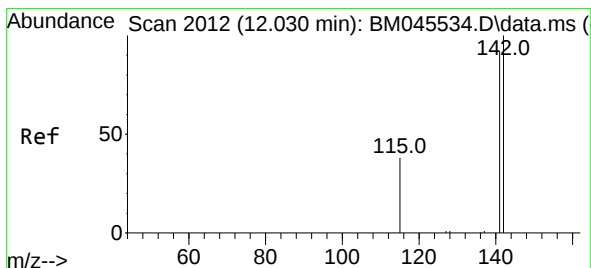
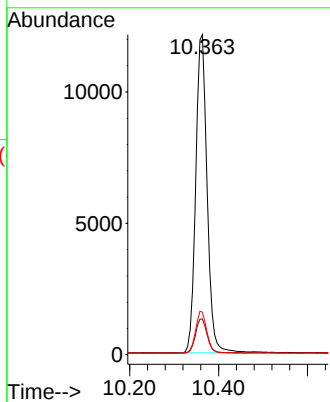
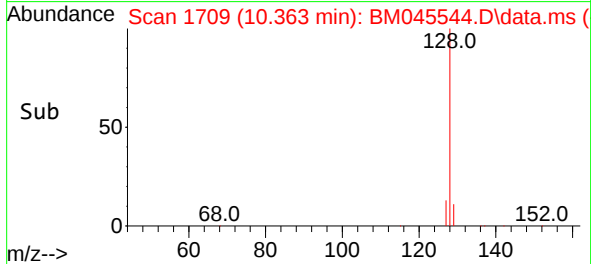
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:128 Resp: 2158
Ion Ratio Lower Upper
128 100
129 11.1 14.0 21.0
127 13.3 15.4 23.2

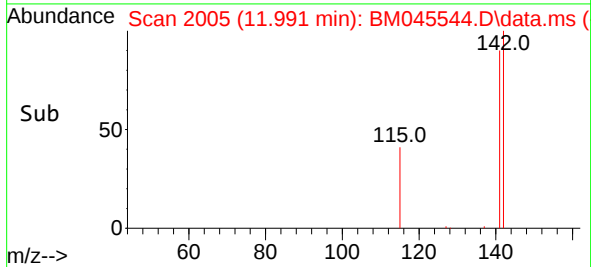
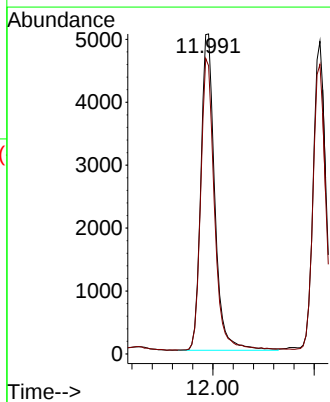
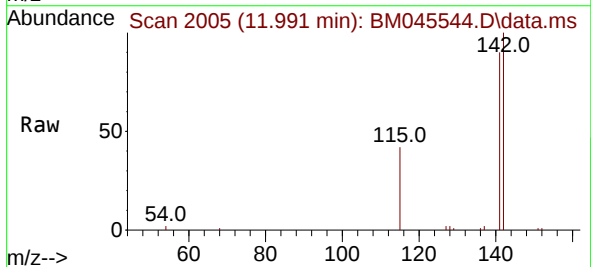
Manual Integrations
APPROVED

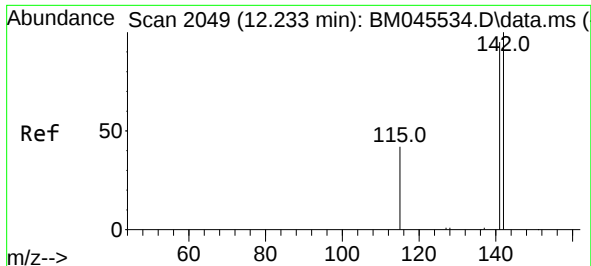
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 2.291 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

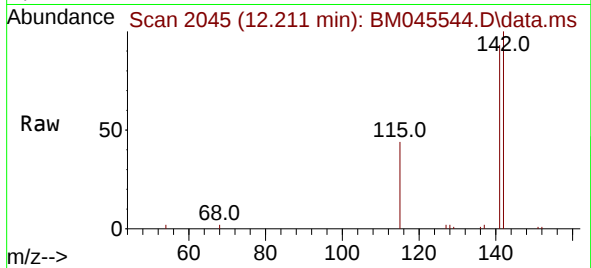
Tgt Ion:142 Resp: 9581
Ion Ratio Lower Upper
142 100
141 91.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 1.815 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

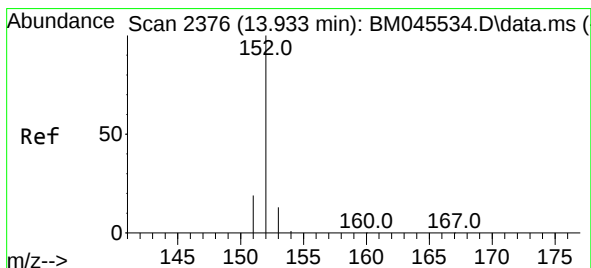
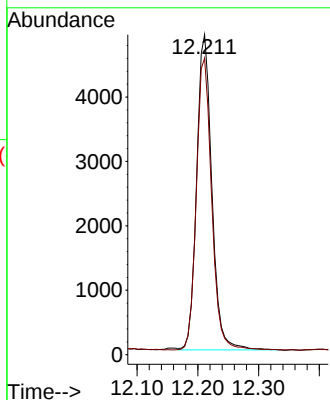
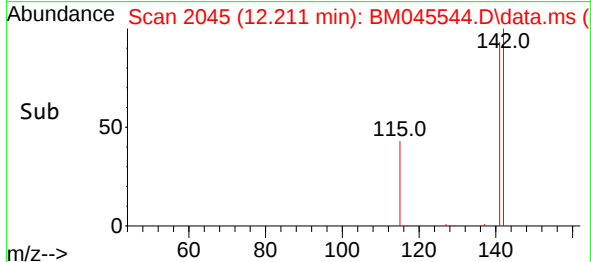
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:142 Resp: 851
Ion Ratio Lower Upper
142 100
141 93.2 76.1 114.1

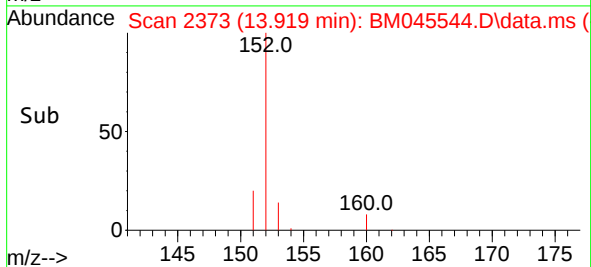
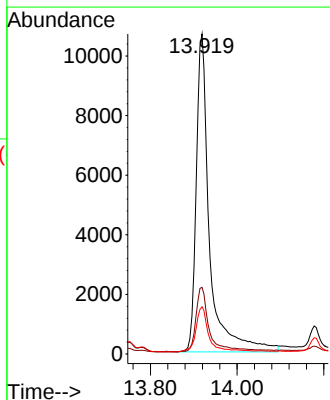
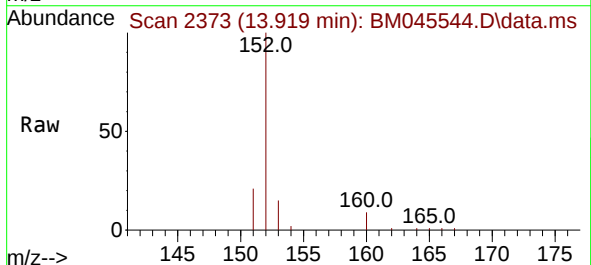
Manual Integrations
APPROVED

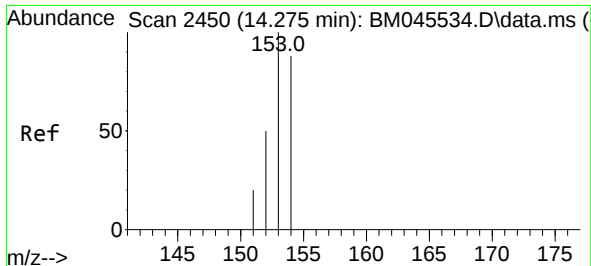
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 2.964 ng/ul
RT: 13.919 min Scan# 2373
Delta R.T. -0.008 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

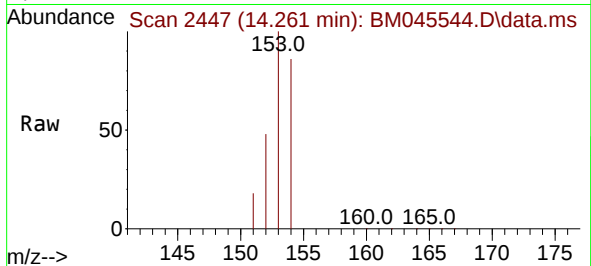
Tgt Ion:152 Resp: 22873
Ion Ratio Lower Upper
152 100
151 20.8 18.6 28.0
153 14.7 14.1 21.1





#11
Acenaphthene
Concen: 9.110 ng/u1
RT: 14.261 min Scan# 2447
Delta R.T. -0.008 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

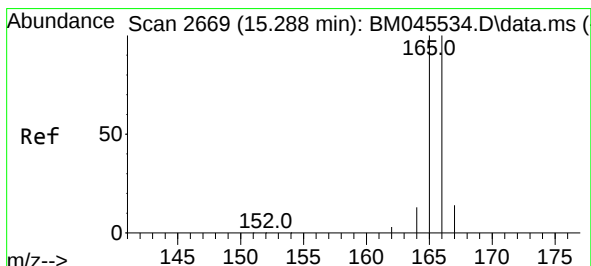
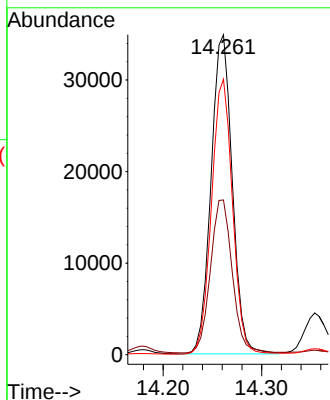
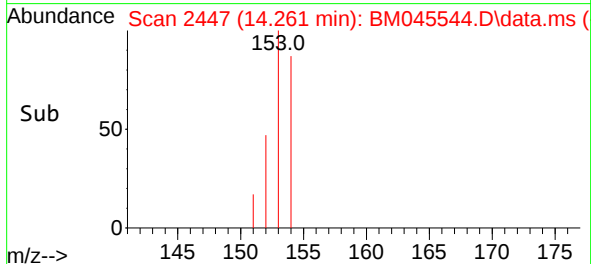
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:153 Resp: 52214
Ion Ratio Lower Upper
153 100
152 48.4 43.4 65.2
154 86.1 69.0 103.6

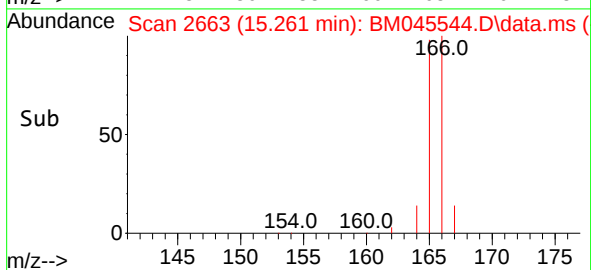
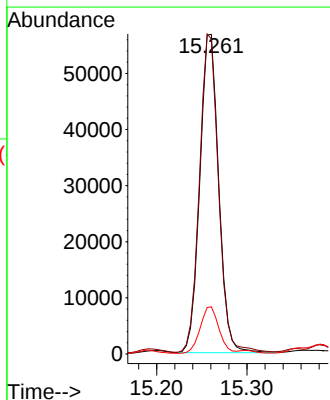
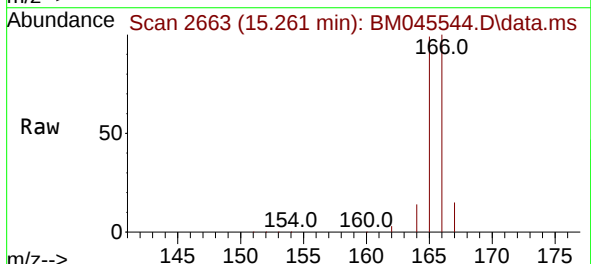
Manual Integrations
APPROVED

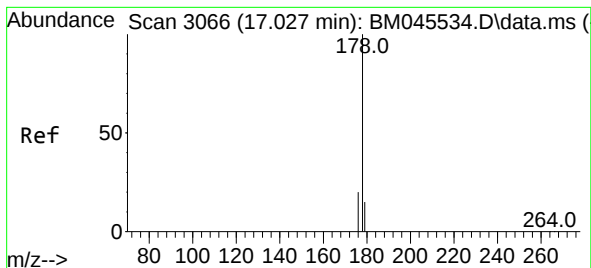
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 13.458 ng/u1
RT: 15.261 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

Tgt Ion:166 Resp: 82504
Ion Ratio Lower Upper
166 100
165 98.6 82.2 123.2
167 14.7 14.8 22.2#





#15

Phenanthrene

Concen: 308.625 ng/u1

RT: 17.010 min Scan# 3062

Delta R.T. -0.012 min

Lab File: BM045544.D

Acq: 25 Apr 2024 01:39

Instrument :

BNA_M

ClientSampleId :

C0AA5

Tgt Ion:178 Resp: 275395

Ion Ratio Lower Upper

178 100

179 15.8 15.4 23.2

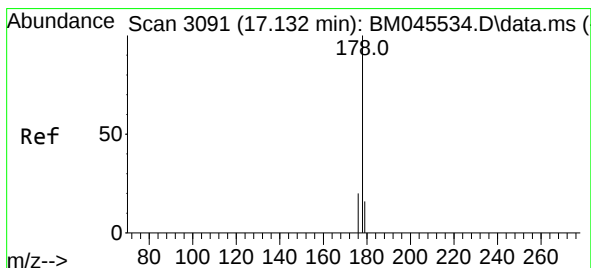
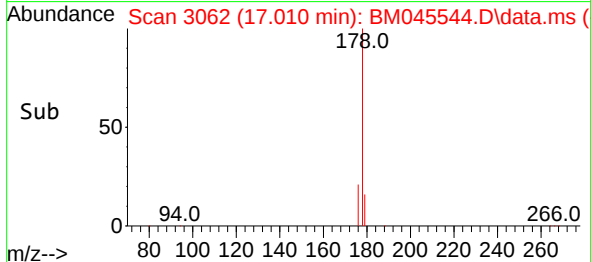
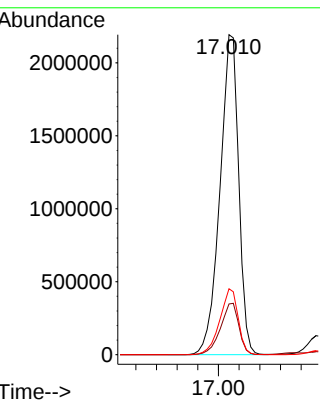
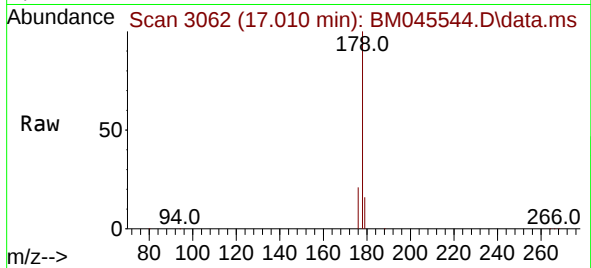
176 20.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#16

Anthracene

Concen: 21.071 ng/u1

RT: 17.095 min Scan# 3082

Delta R.T. -0.024 min

Lab File: BM045544.D

Acq: 25 Apr 2024 01:39

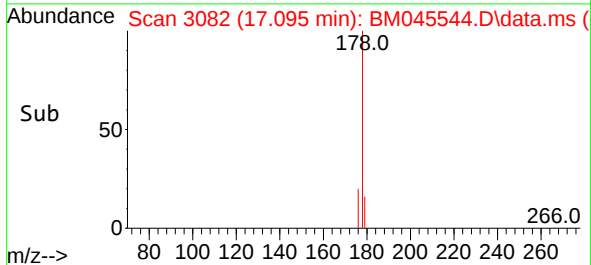
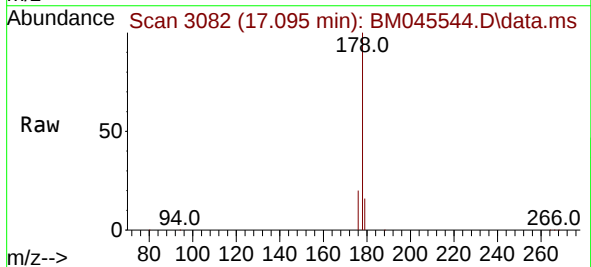
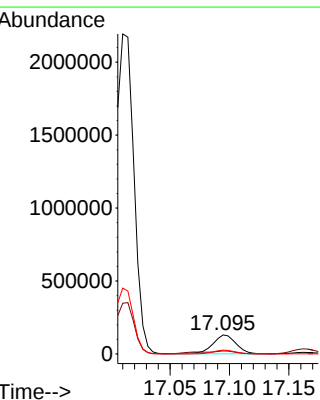
Tgt Ion:178 Resp: 175911

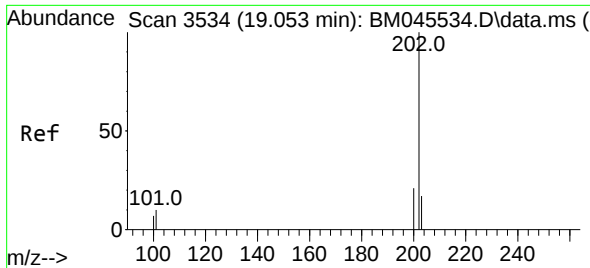
Ion Ratio Lower Upper

178 100

179 15.7 17.8 26.6#

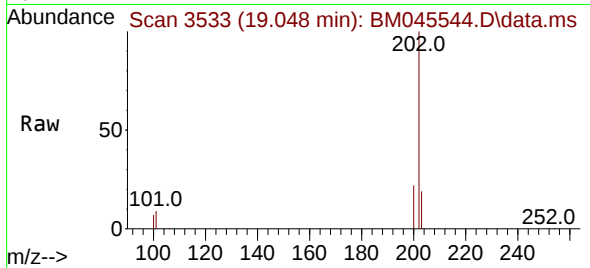
176 19.8 18.7 28.1





#19
Fluoranthene
Concen: 299.511 ng/u1
RT: 19.048 min Scan# 3534
Delta R.T. 0.001 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

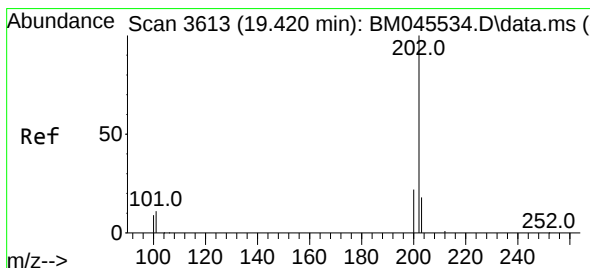
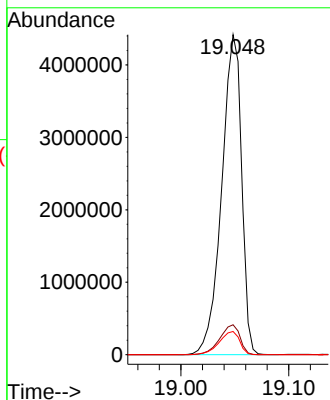
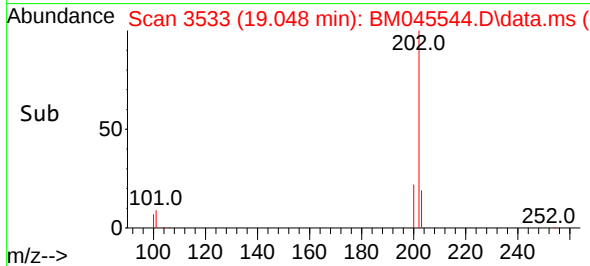
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:202 Resp: 5653124
Ion Ratio Lower Upper
202 100
101 9.4 11.2 16.8
100 7.2 9.1 13.7

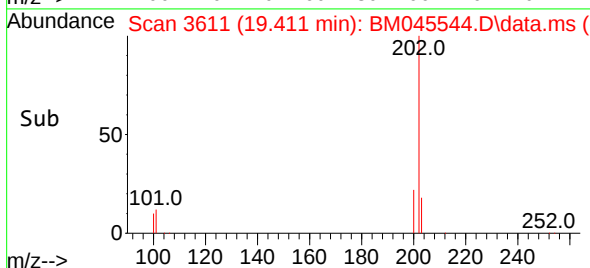
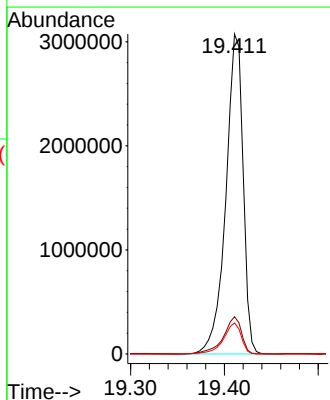
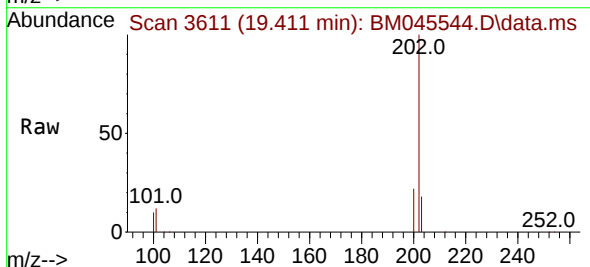
Manual Integrations
APPROVED

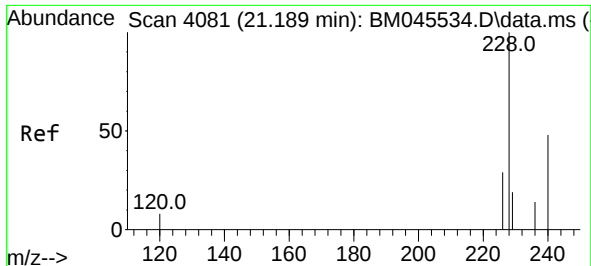
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 202.108 ng/u1
RT: 19.411 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

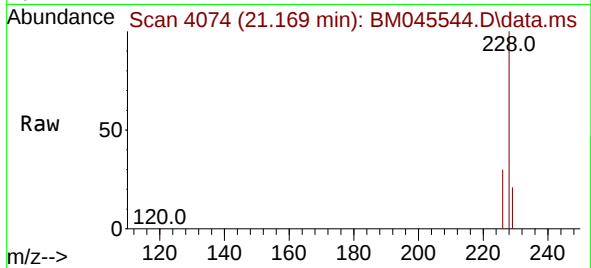
Tgt Ion:202 Resp: 3920984
Ion Ratio Lower Upper
202 100
101 11.6 11.5 17.3
100 9.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 122.852 ng/u1
RT: 21.169 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

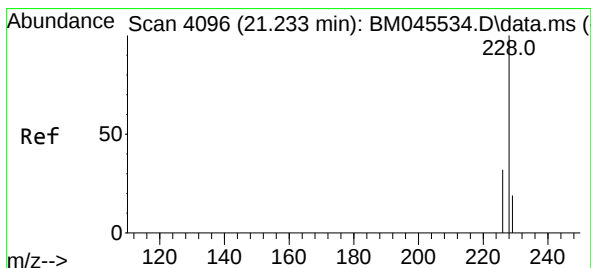
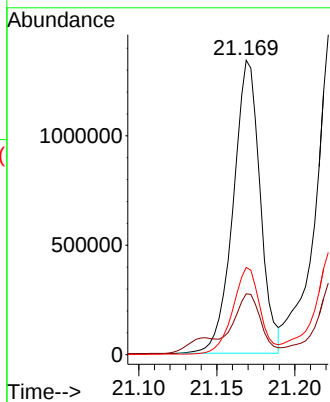
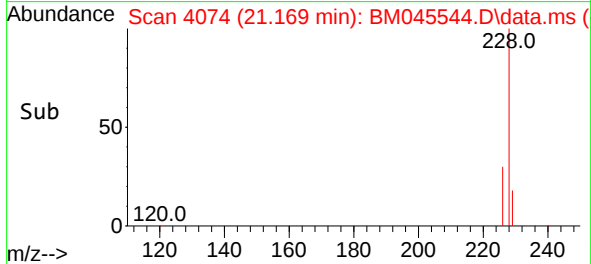
Instrument :
BNA_M
ClientSampleId :
C0AA5



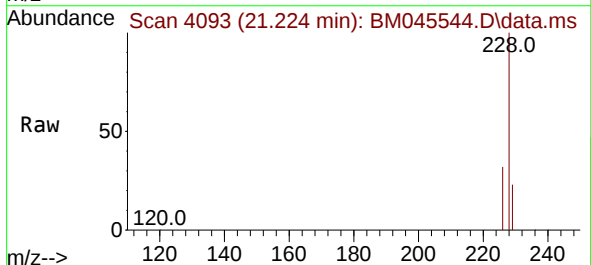
Tgt Ion:228 Resp: 160611
Ion Ratio Lower Upper
228 100
229 20.7 19.4 29.2
226 29.6 26.3 39.5

Manual Integrations
APPROVED

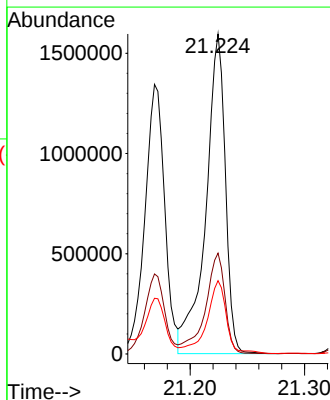
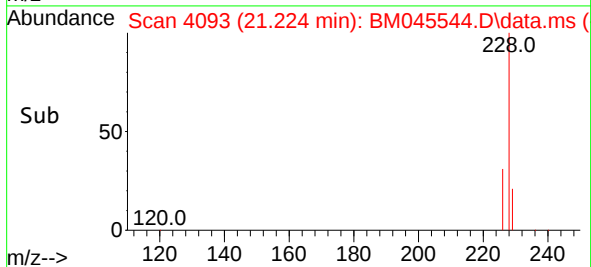
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

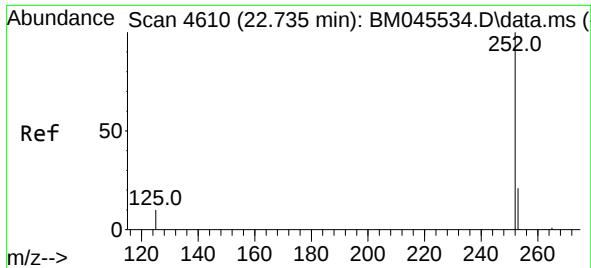


#22
Chrysene
Concen: 93.849 ng/u1
RT: 21.224 min Scan# 4093
Delta R.T. -0.004 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39



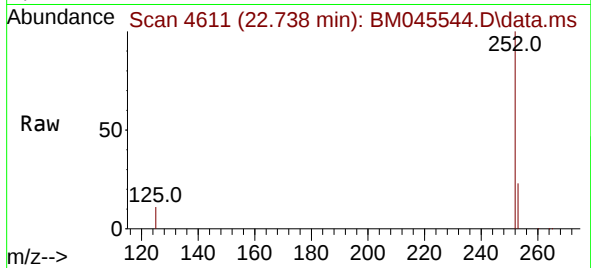
Tgt Ion:228 Resp: 1886458
Ion Ratio Lower Upper
228 100
226 31.5 26.3 39.5
229 22.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 121.216 ng/ul m
RT: 22.738 min Scan# 4611
Delta R.T. 0.008 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

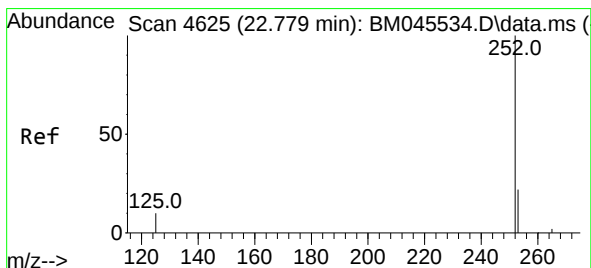
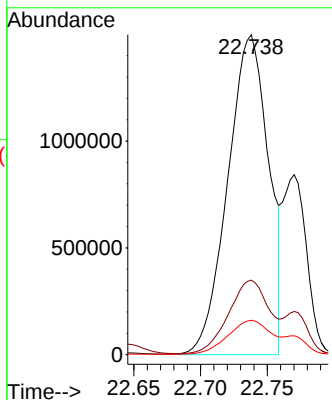
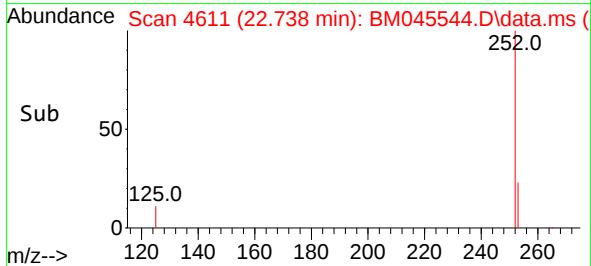
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:252 Resp: 318494
Ion Ratio Lower Upper
252 100
253 23.3 0.0 63.4
125 10.8 0.0 36.8

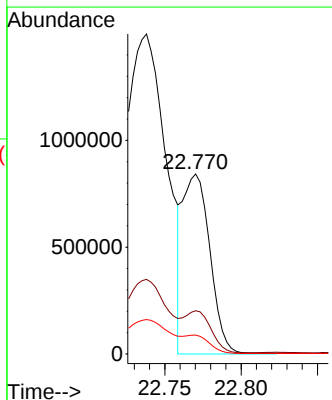
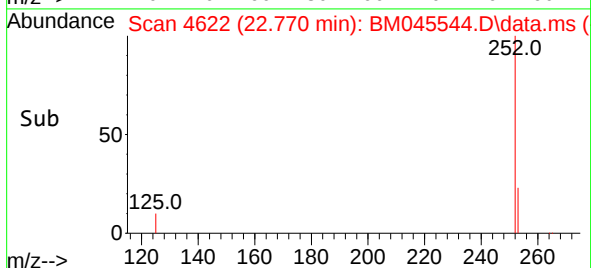
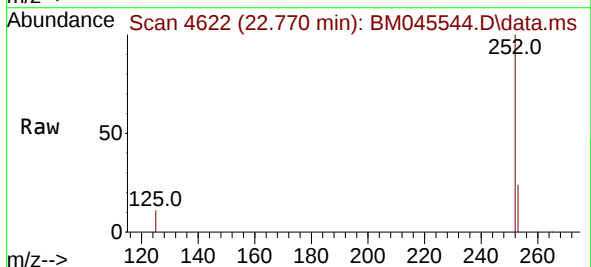
Manual Integrations
APPROVED

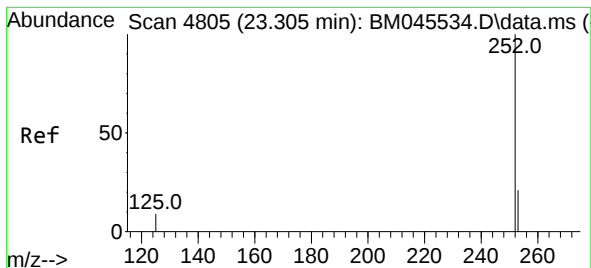
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 31.495 ng/ul m
RT: 22.770 min Scan# 4622
Delta R.T. -0.001 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

Tgt Ion:252 Resp: 1045556
Ion Ratio Lower Upper
252 100
253 24.0 25.4 38.0#
125 10.5 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 73.415 ng/ul

RT: 23.291 min Scan# 4805

Delta R.T. -0.001 min

Lab File: BM045544.D

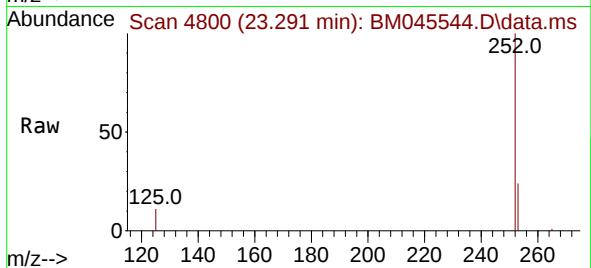
Acq: 25 Apr 2024 01:39

Instrument :

BNM_M

ClientSampleId :

C0AA5



Tgt Ion:252 Resp: 2000570

Ion Ratio Lower Upper

252 100

253 23.7 31.6 47.4

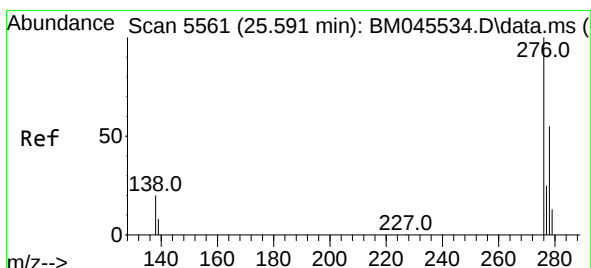
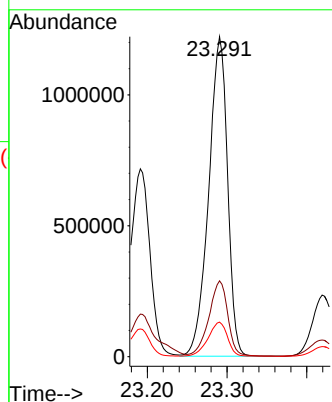
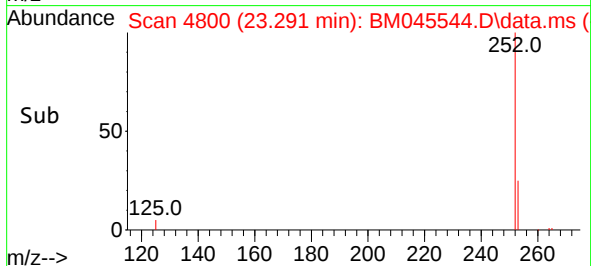
125 10.8 19.5 29.3

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: 39.301 ng/ul

RT: 25.581 min Scan# 5558

Delta R.T. 0.009 min

Lab File: BM045544.D

Acq: 25 Apr 2024 01:39

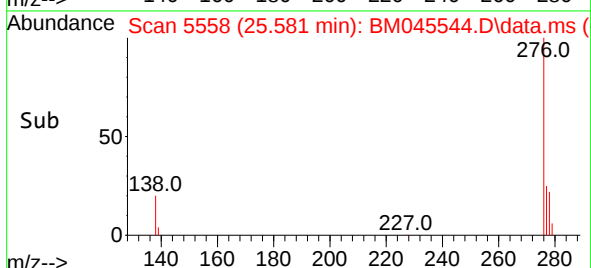
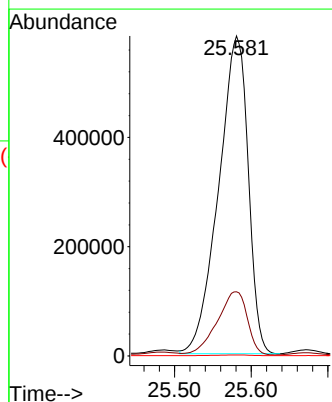
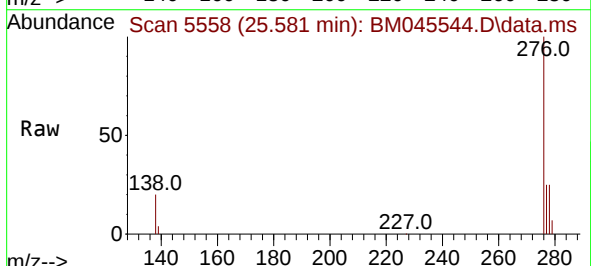
Tgt Ion:276 Resp: 1556576

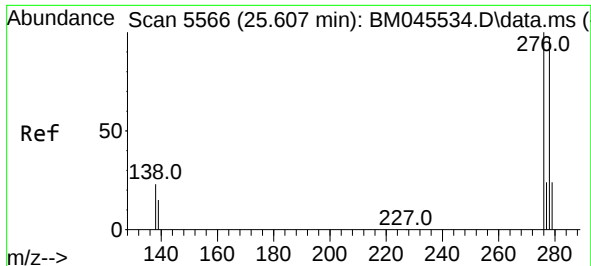
Ion Ratio Lower Upper

276 100

138 20.4 19.8 29.6

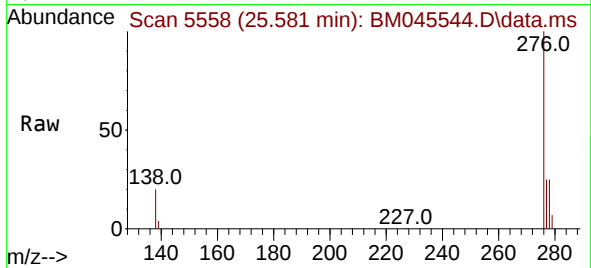
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 12.798 ng/ul m
RT: 25.581 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

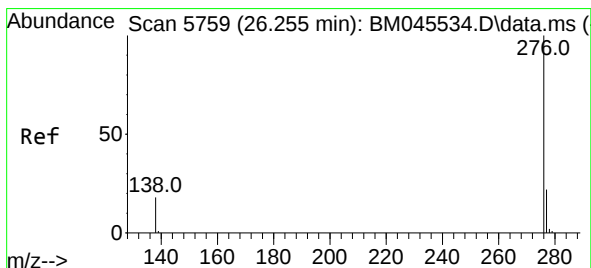
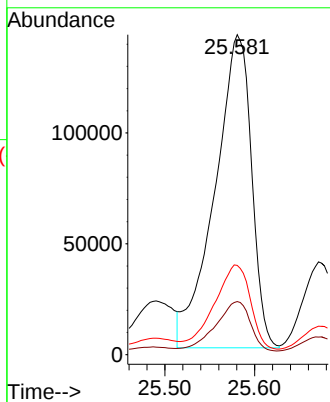
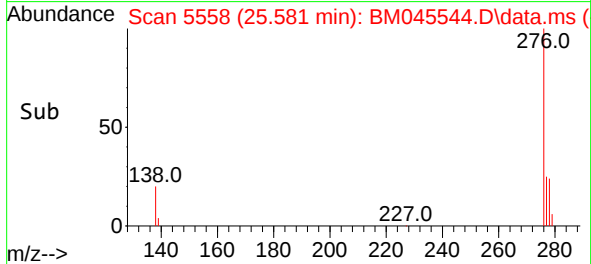
Instrument :
BNA_M
ClientSampleId :
C0AA5



Tgt Ion:278 Resp: 40201
Ion Ratio Lower Upper
278 100
139 16.6 19.0 28.6
279 27.9 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: 33.198 ng/ul
RT: 26.251 min Scan# 5758
Delta R.T. 0.016 min
Lab File: BM045544.D
Acq: 25 Apr 2024 01:39

Tgt Ion:276 Resp: 1181440
Ion Ratio Lower Upper
276 100
138 20.5 20.8 31.2#
277 24.7 21.8 32.8

