

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046229.D
 Acq On : 23 Jun 2024 11:24
 Operator : MA/JU
 Sample : P2776-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:29:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2872	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8687	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4819	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188	10076m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.005	240	8028m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	8702m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	12673	3.216	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.794	152	2947	0.253	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6243	0.260	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.221	128	912	0.038	ng/ul#	72
7) 2-Methylnaphthalene	11.871	142	389	0.029	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	320	0.021	ng/ul	89
10) Acenaphthylene	13.771	152	3732	0.163	ng/ul	96
11) Acenaphthene	14.113	153	846	0.051	ng/ul	93
12) Fluorene	15.108	166	1170	0.066	ng/ul#	95
15) Phenanthrene	16.837	178	26897m	0.950	ng/ul	
16) Anthracene	16.934	178	5320m	0.252	ng/ul	
19) Fluoranthene	18.863	202	63593	1.829	ng/ul	98
20) Pyrene	19.230	202	54606	1.453	ng/ul	96
21) Benzo(a)anthracene	20.991	228	28304	0.913	ng/ul	95
22) Chrysene	21.040	228	28876	0.730	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	43337m	1.382	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	16845m	0.452	ng/ul	
26) Benzo(a)pyrene	23.001	252	27145	0.934	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.135	276	24365	0.512	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.141	278	5486	0.155	ng/ul#	27
29) Benzo(g,h,i)perylene	25.755	276	24723	0.606	ng/ul	98

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

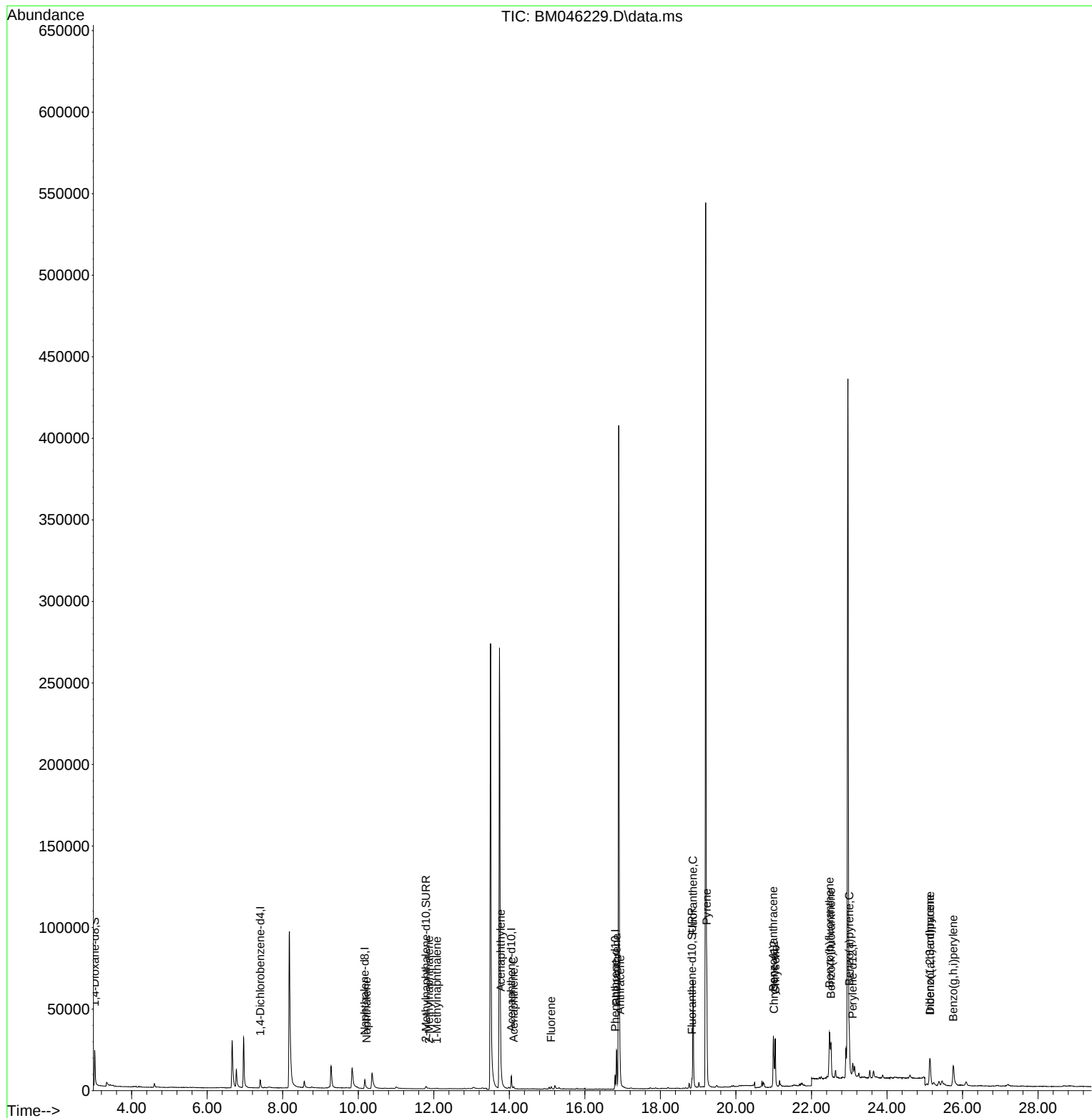
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
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ALS Vial : 44 Sample Multiplier: 1

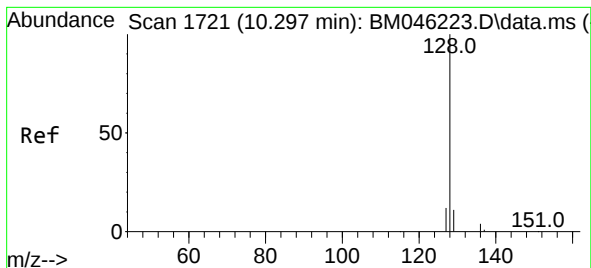
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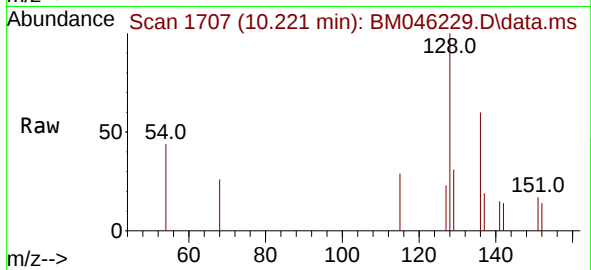
Quant Time: Jun 24 02:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.221 min Scan# 11
Delta R.T. -0.081 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

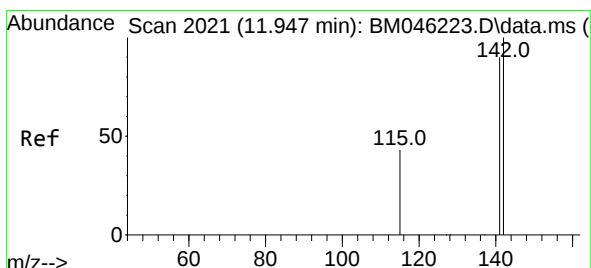
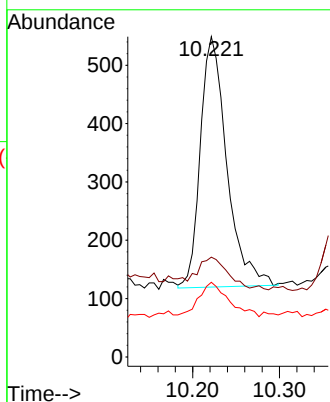
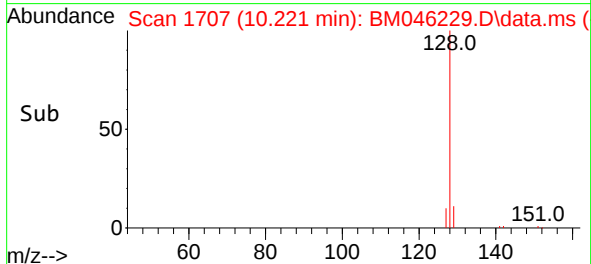
Instrument :
BNA_M
ClientSampleId :
A4CA6



Tgt Ion:128 Resp: 912
Ion Ratio Lower Upper
128 100
129 31.1 11.8 17.6
127 23.3 12.8 19.2

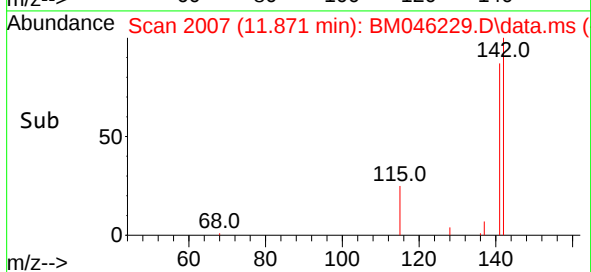
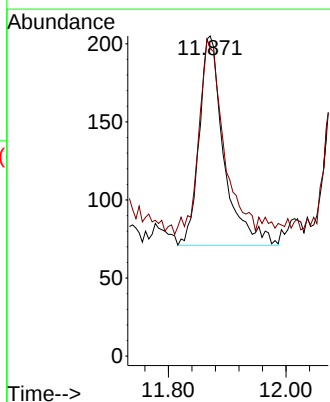
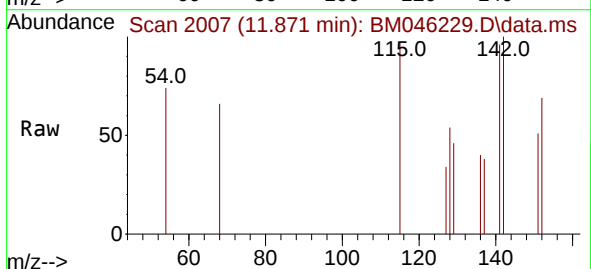
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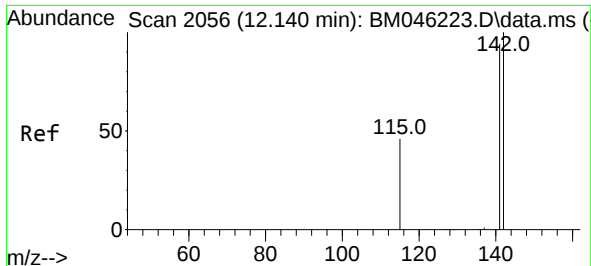
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

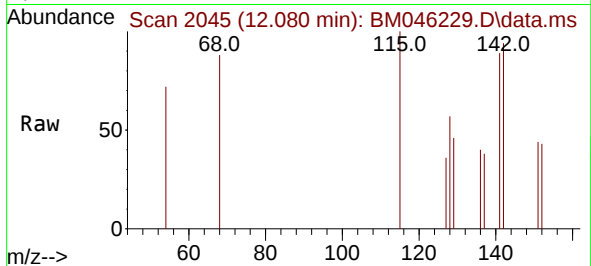
Tgt Ion:142 Resp: 389
Ion Ratio Lower Upper
142 100
141 93.3 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

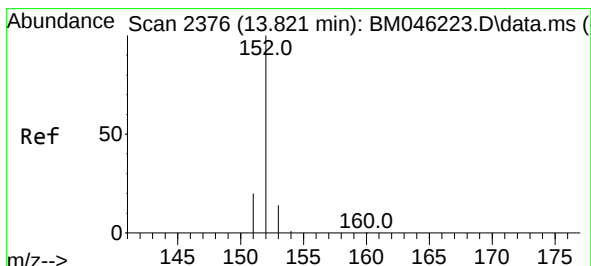
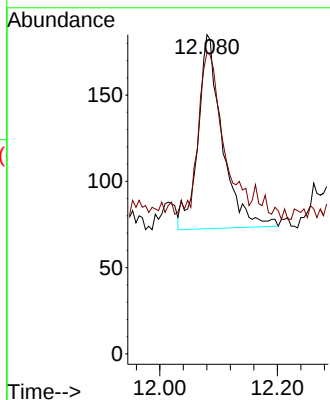
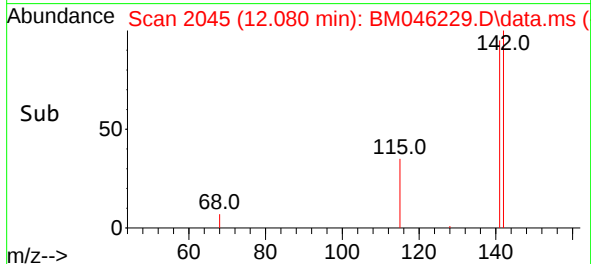
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
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141 83.8 75.2 112.8

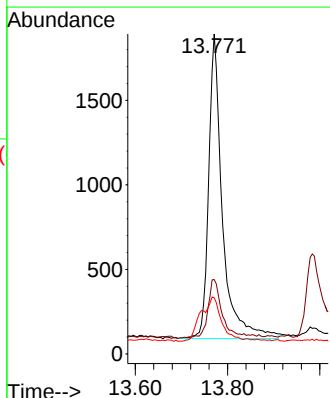
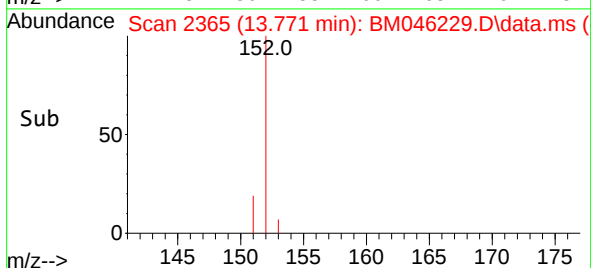
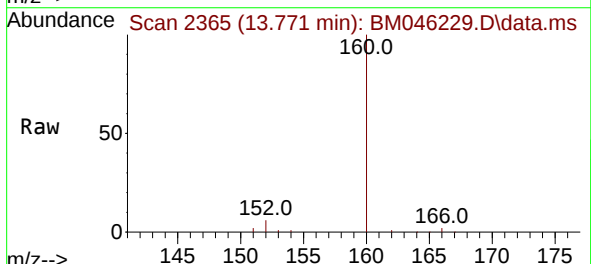
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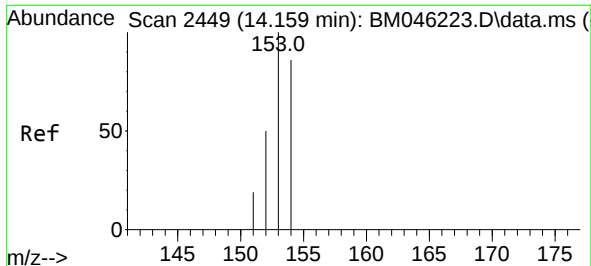
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

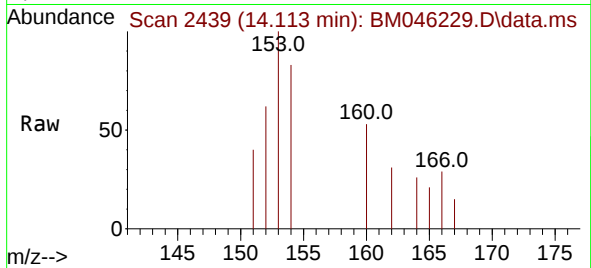
Tgt Ion:152 Resp: 3732
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.2
153 17.5 11.8 17.8





#11
Acenaphthene
Concen: 0.051 ng/uI
RT: 14.113 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

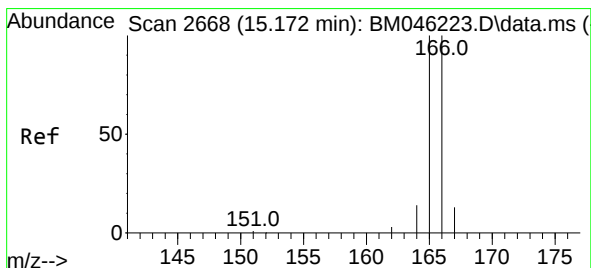
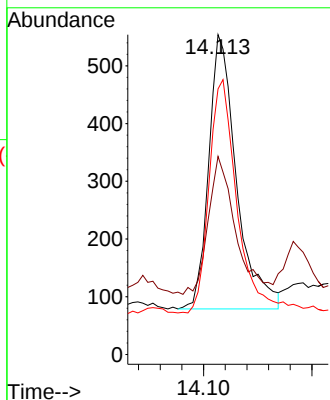
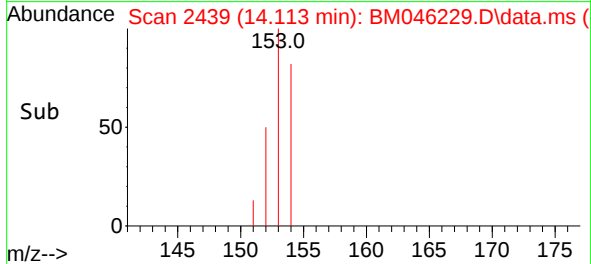
Instrument :
BNA_M
ClientSampleId :
A4CA6



Tgt Ion:153 Resp: 840
Ion Ratio Lower Upper
153 100
152 61.9 41.3 61.9
154 83.0 68.2 102.4

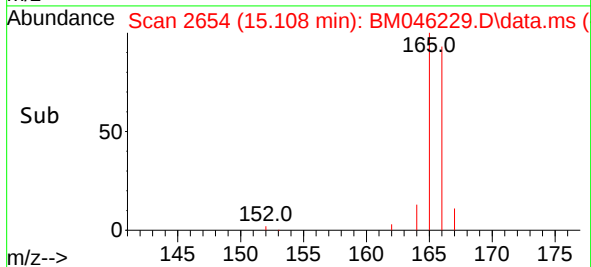
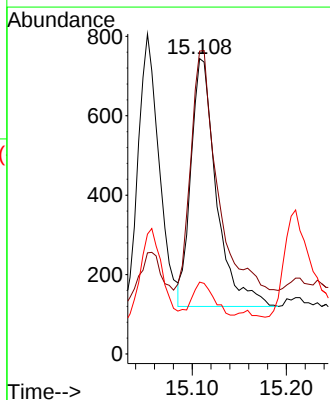
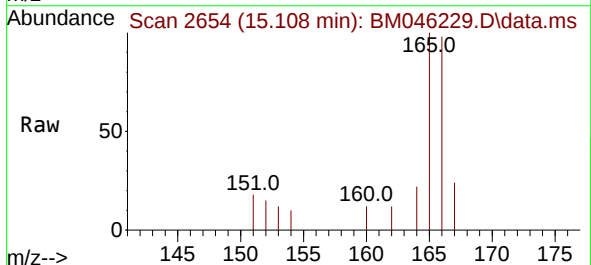
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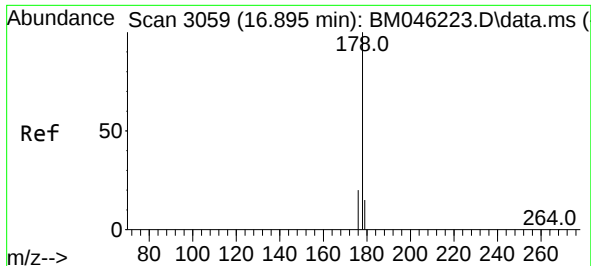
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.066 ng/uI
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

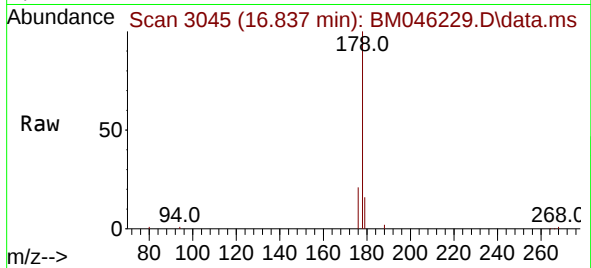
Tgt Ion:166 Resp: 1170
Ion Ratio Lower Upper
166 100
165 102.6 80.4 120.6
167 24.3 12.4 18.6#





#15
Phenanthrene
Concen: 0.950 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

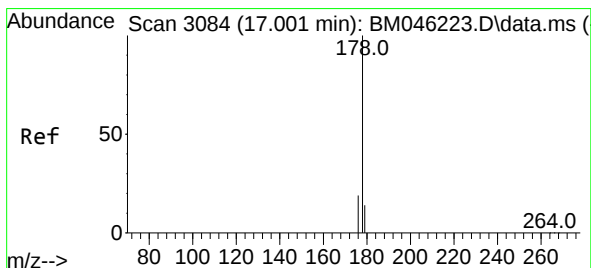
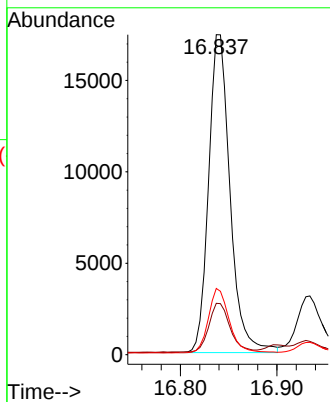
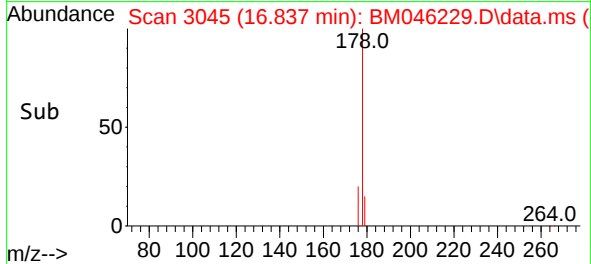
Instrument :
BNA_M
ClientSampleId :
A4CA6



Tgt Ion:178 Resp: 2689
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.7 17.1 25.7

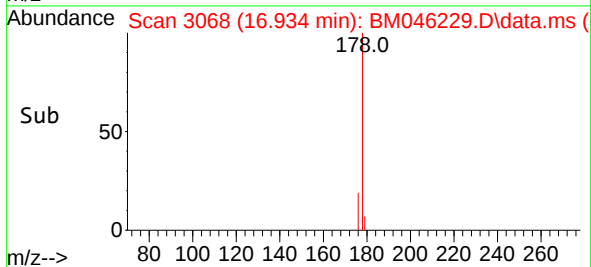
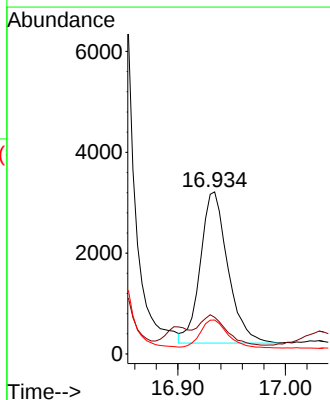
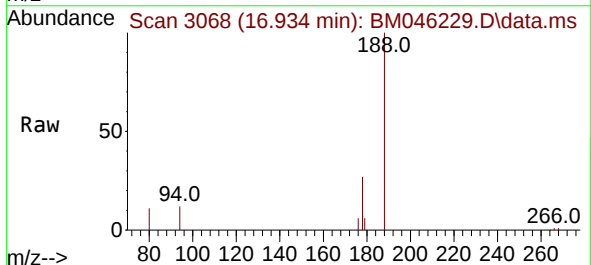
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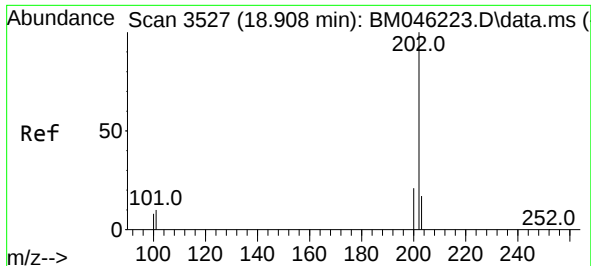
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.252 ng/ul m
RT: 16.934 min Scan# 3068
Delta R.T. -0.071 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

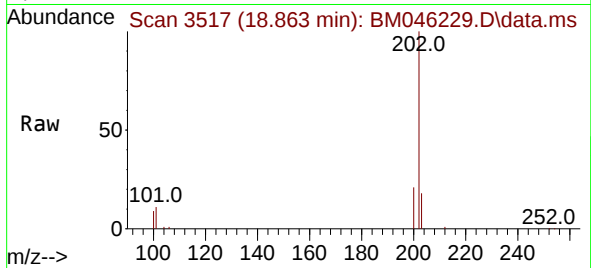
Tgt Ion:178 Resp: 5320
Ion Ratio Lower Upper
178 100
179 22.6 14.9 22.3#
176 21.0 17.0 25.4





#19
Fluoranthene
Concen: 1.829 ng/u1
RT: 18.863 min Scan# 3517
Delta R.T. -0.055 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

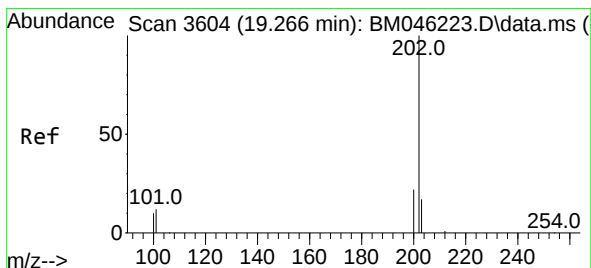
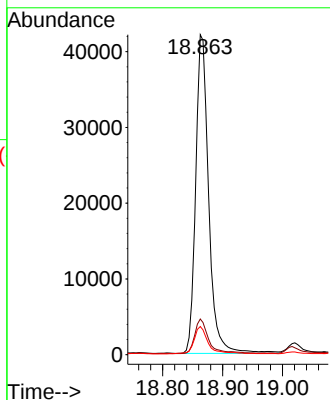
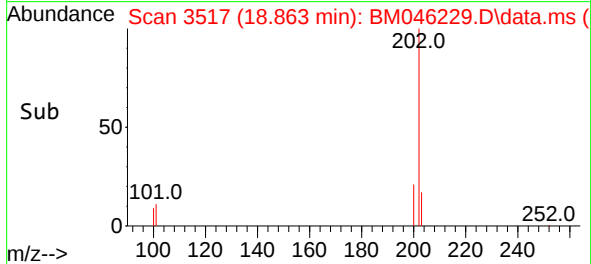
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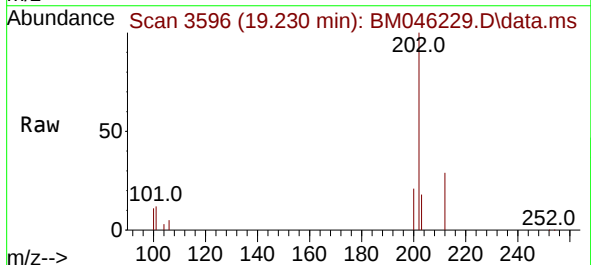
Tgt Ion:202 Resp: 6359
Ion Ratio Lower Upper
202 100
101 11.2 9.6 14.4
100 8.8 7.6 11.4

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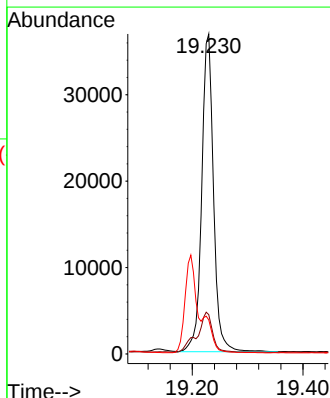
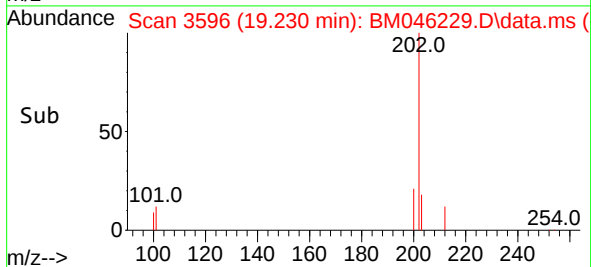
Reviewed By :Yogesh Patel 06/24/2024
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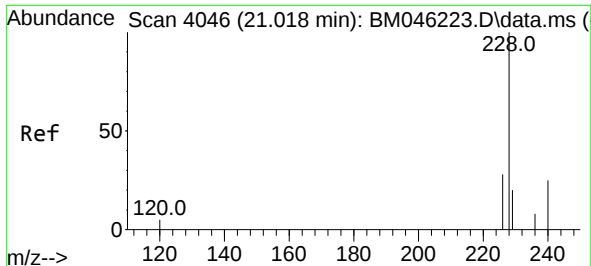


#20
Pyrene
Concen: 1.453 ng/u1
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24



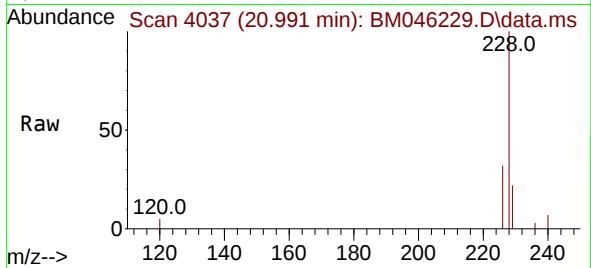
Tgt Ion:202 Resp: 54606
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.913 ng/u1
RT: 20.991 min Scan# 4037
Delta R.T. -0.039 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

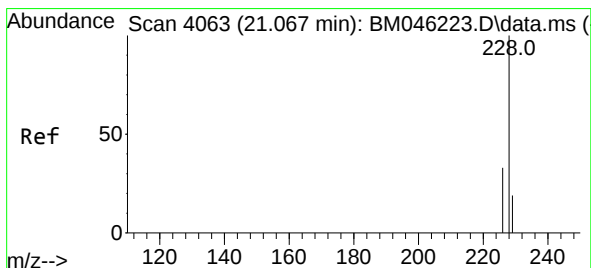
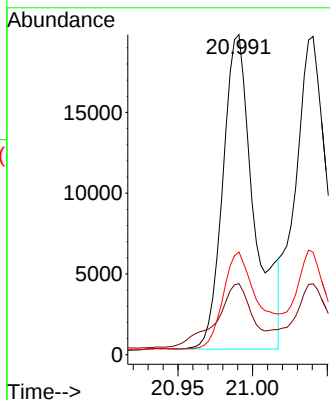
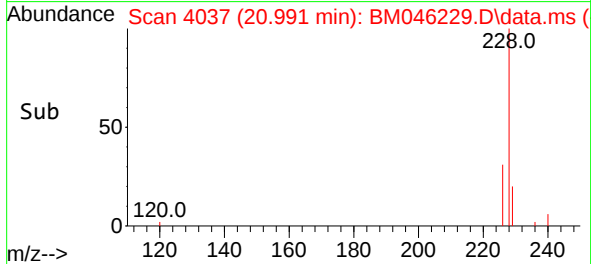
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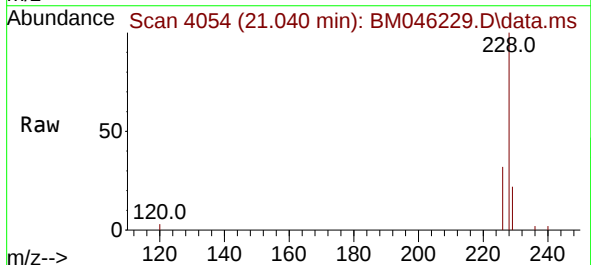
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Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 32.1 23.4 35.2

Manual Integrations
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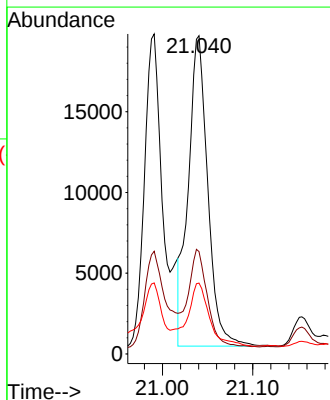
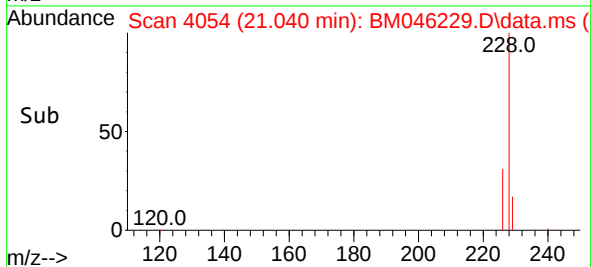
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

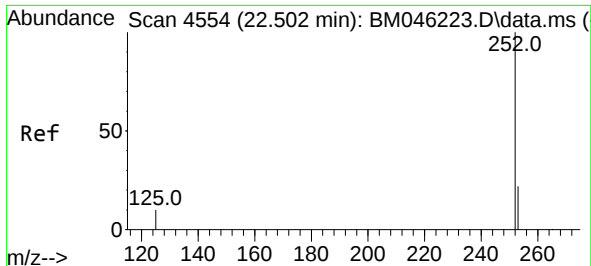


#22
Chrysene
Concen: 0.730 ng/u1
RT: 21.040 min Scan# 4054
Delta R.T. -0.036 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24



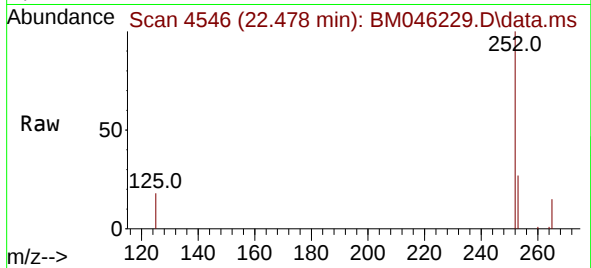
Tgt Ion:228 Resp: 28876
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.382 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24

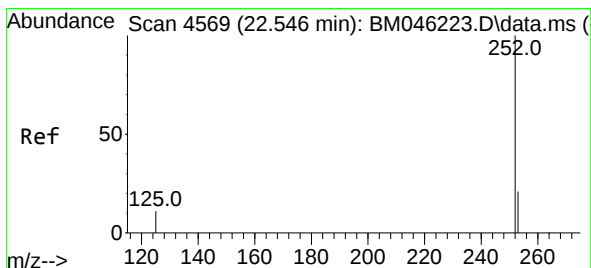
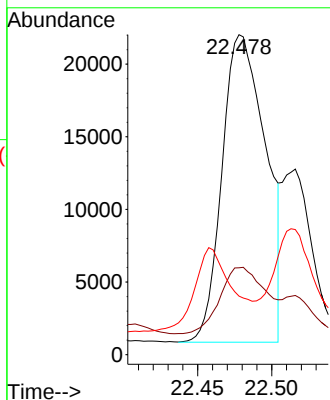
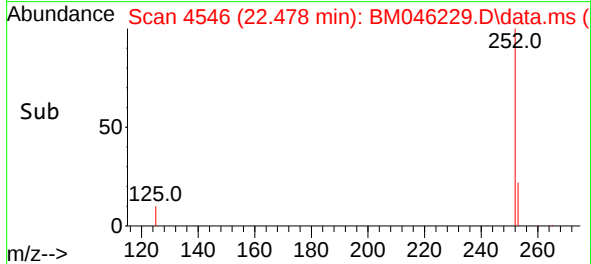
Instrument :
BNA_M
ClientSampleId :
A4CA6



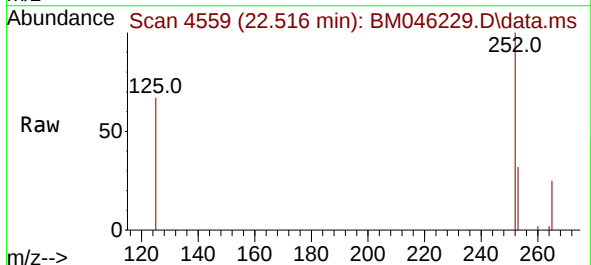
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Ion Ratio Lower Upper
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253 27.2 0.0 65.8
125 18.3 0.0 40.2

Manual Integrations
APPROVED

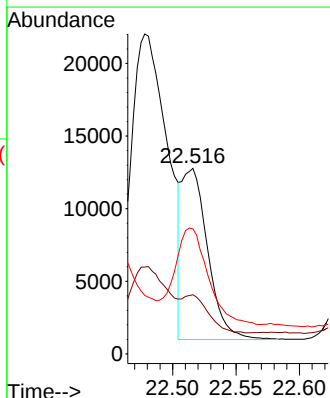
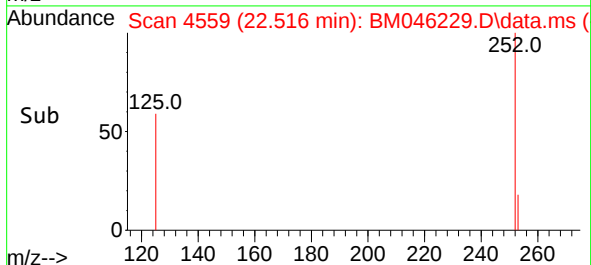
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

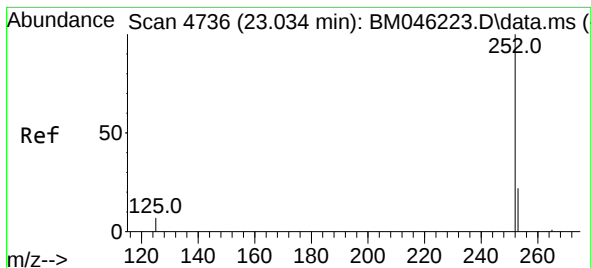


#25
Benzo(k)fluoranthene
Concen: 0.452 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046229.D
Acq: 23 Jun 2024 11:24



Tgt Ion:252 Resp: 16845
Ion Ratio Lower Upper
252 100
253 31.9 27.2 40.8
125 67.4 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.934 ng/ul

RT: 23.001 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNM_M

ClientSampleId :

A4CA6

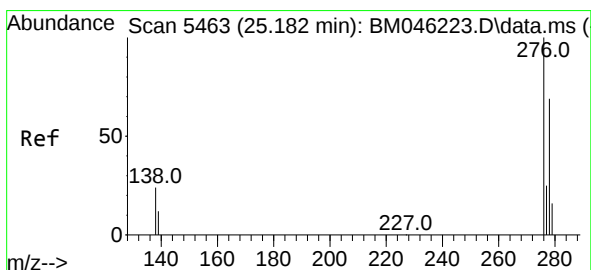
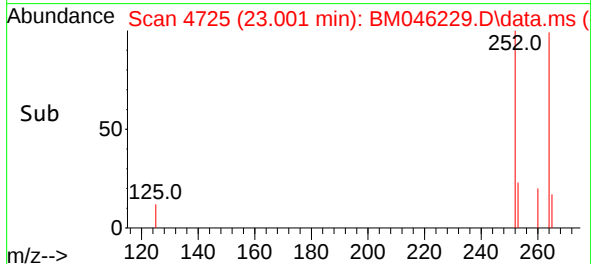
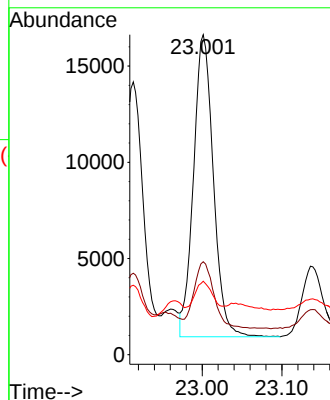
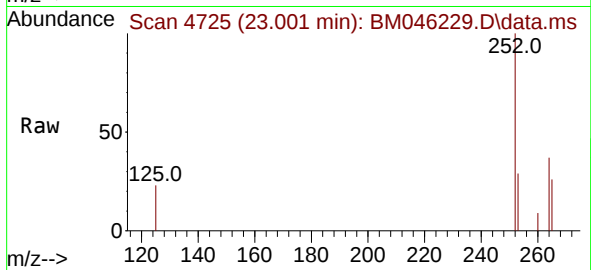
Tgt Ion:	252	Resp:	2714
Ion Ratio	Lower	Upper	
252	100		
253	29.1	32.1	48.1
125	23.0	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.512 ng/ul

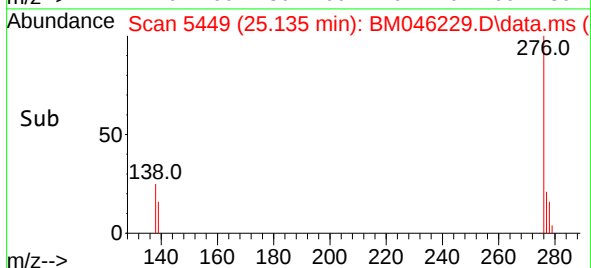
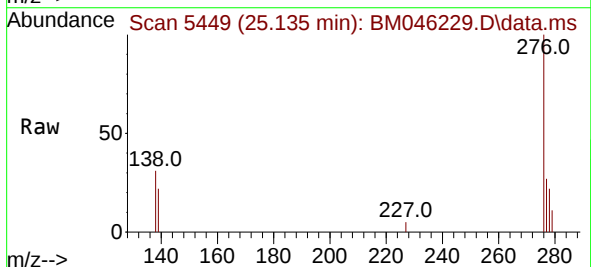
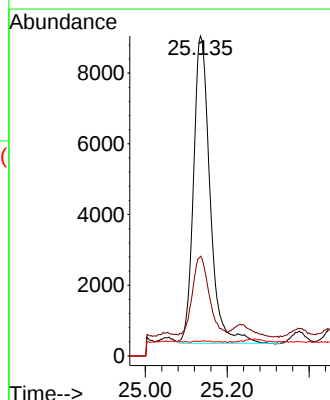
RT: 25.135 min Scan# 5449

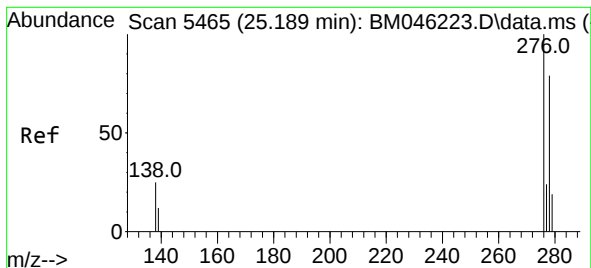
Delta R.T. -0.068 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Tgt Ion:	276	Resp:	24365
Ion Ratio	Lower	Upper	
276	100		
138	30.9	21.0	31.4
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.155 ng/ul

RT: 25.141 min Scan# 54

Delta R.T. -0.074 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Instrument :

BNA_M

ClientSampleId :

A4CA6

Tgt Ion:278 Resp: 548

Ion Ratio Lower Upper

278 100

139 88.8 17.6 26.4

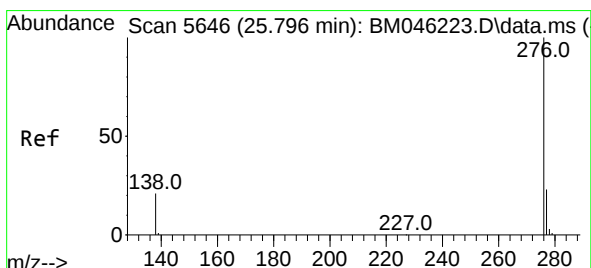
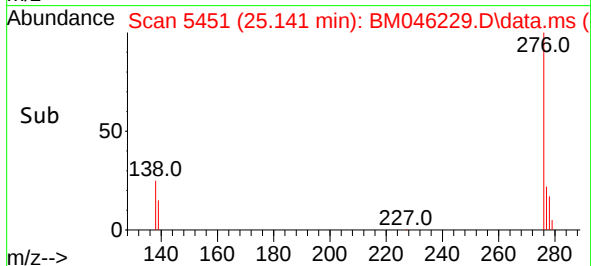
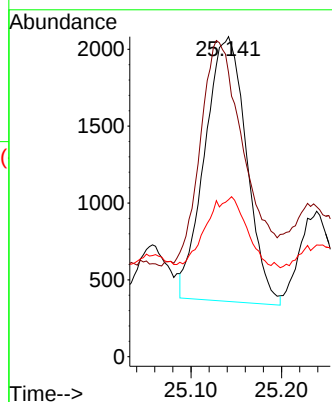
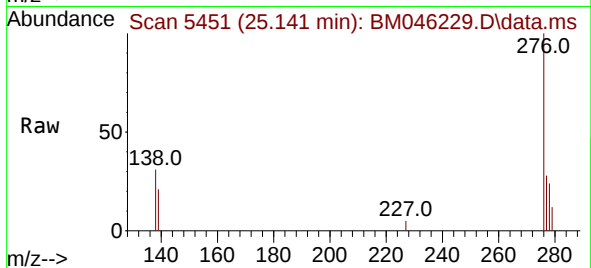
279 49.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.606 ng/ul

RT: 25.755 min Scan# 5634

Delta R.T. -0.074 min

Lab File: BM046229.D

Acq: 23 Jun 2024 11:24

Tgt Ion:276 Resp: 24723

Ion Ratio Lower Upper

276 100

138 26.6 21.7 32.5

277 27.0 20.4 30.6

