

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046235.D
 Acq On : 23 Jun 2024 15:03
 Operator : MA/JU
 Sample : P2776-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA8

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:31:23 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	7.405	152	3503	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.172	136	10772	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.053	164	5922	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	13100m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	10248m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	11841m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	14709	3.061	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.789	152	3595	0.249	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	8109	0.264	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.216	128	4362	0.145	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1414	0.084	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	1310	0.071	ng/ul	98
10) Acenaphthylene	13.771	152	10415	0.371	ng/ul	98
11) Acenaphthene	14.114	153	6605	0.326	ng/ul	98
12) Fluorene	15.108	166	8202	0.377	ng/ul	100
15) Phenanthrene	16.837	178	173012m	4.701	ng/ul	
16) Anthracene	16.930	178	33978m	1.240	ng/ul	
19) Fluoranthene	18.863	202	381864	8.606	ng/ul	95
20) Pyrene	19.225	202	252686	5.266	ng/ul	96
21) Benzo(a)anthracene	20.985	228	157881	3.988	ng/ul	100
22) Chrysene	21.035	228	172501	3.415	ng/ul	100
24) Benzo(b)fluoranthene	22.475	252	241045m	5.650	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	85864m	1.693	ng/ul	
26) Benzo(a)pyrene	23.001	252	83722	2.118	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.132	276	88314	1.365	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	28337	0.588	ng/ul	97
29) Benzo(g,h,i)perylene	25.759	276	13453	0.242	ng/ul	93

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

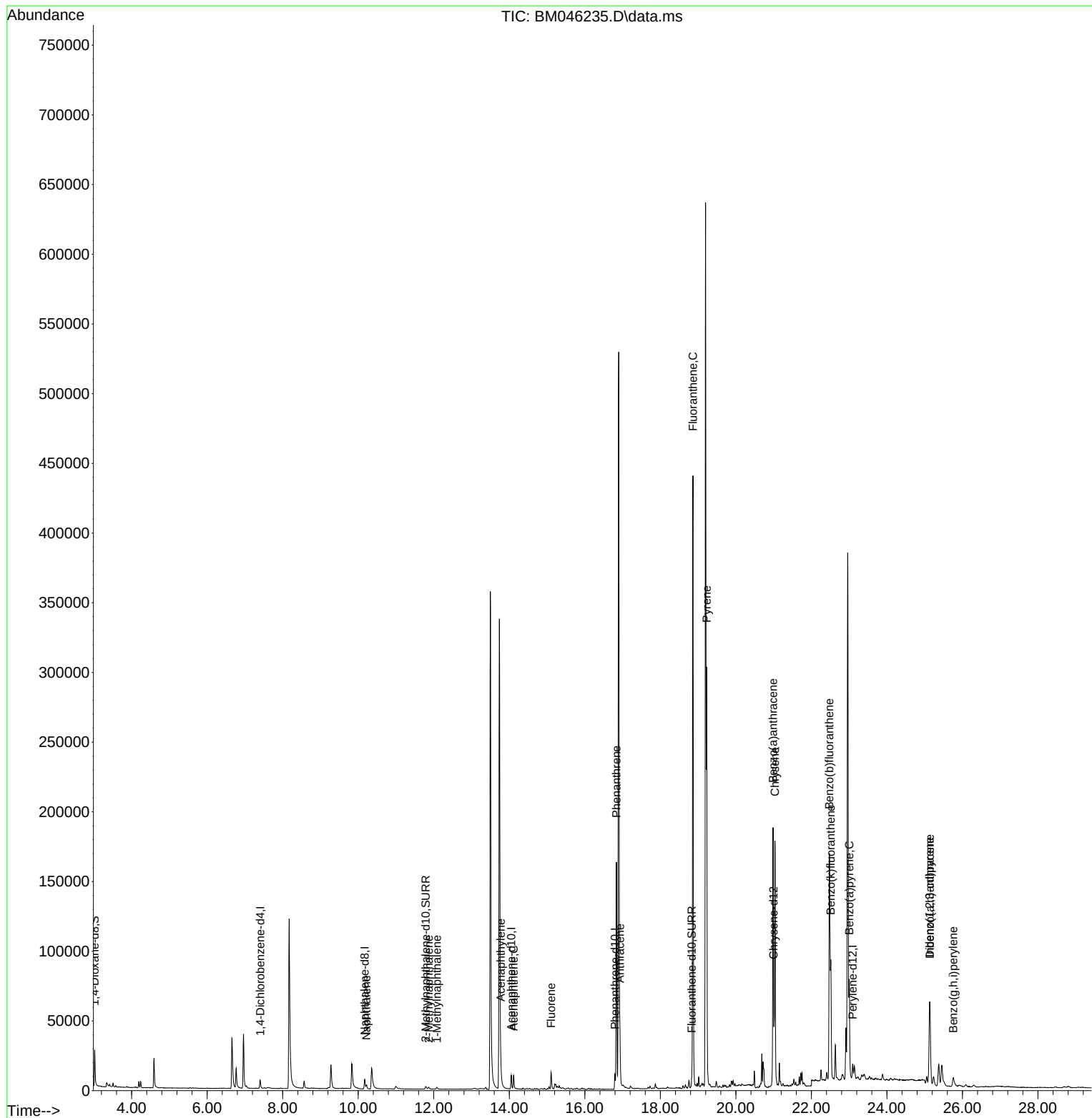
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046235.D
Acq On : 23 Jun 2024 15:03
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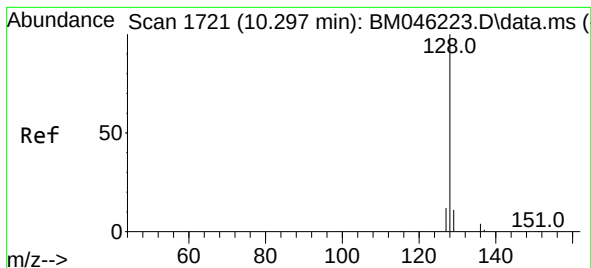
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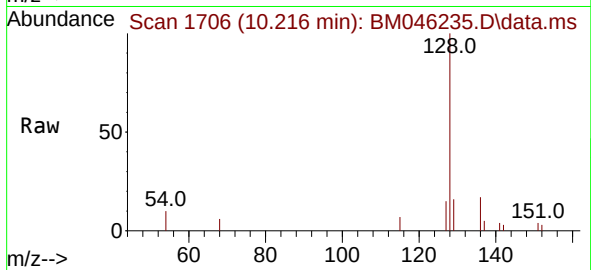
Quant Time: Jun 24 02:31:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.216 min Scan# 11
Delta R.T. -0.087 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

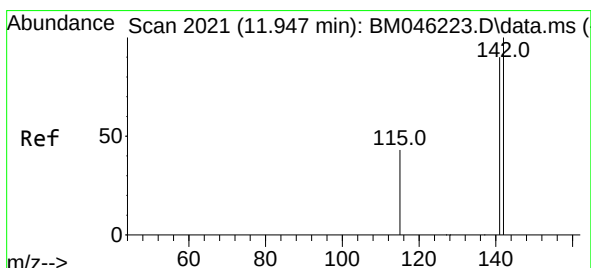
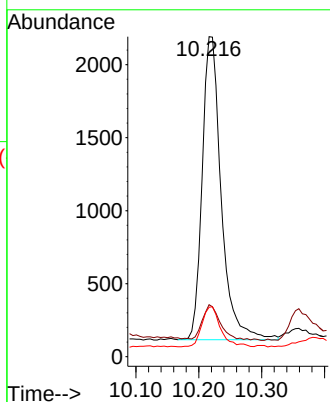
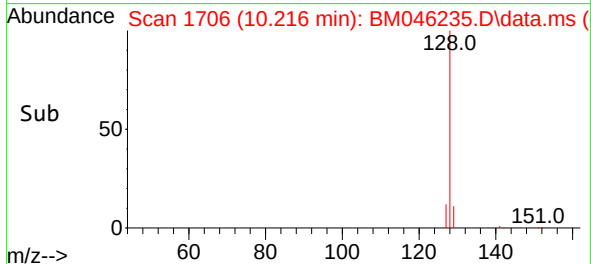
Instrument :
BNA_M
ClientSampleId :
A4CA8



Tgt Ion:128 Resp: 4362
Ion Ratio Lower Upper
128 100
129 16.2 11.8 17.6
127 15.4 12.8 19.2

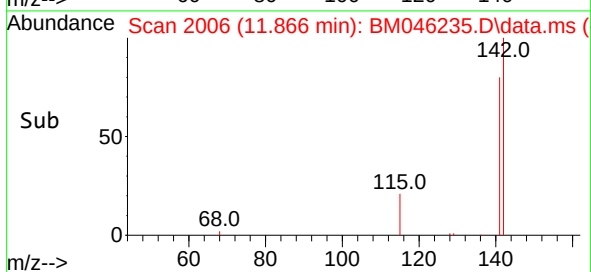
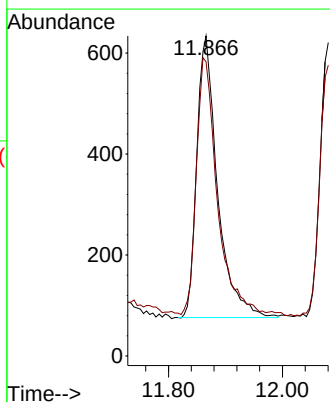
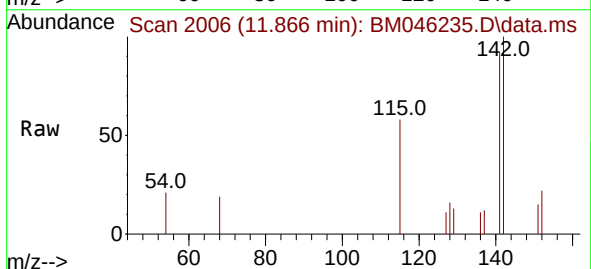
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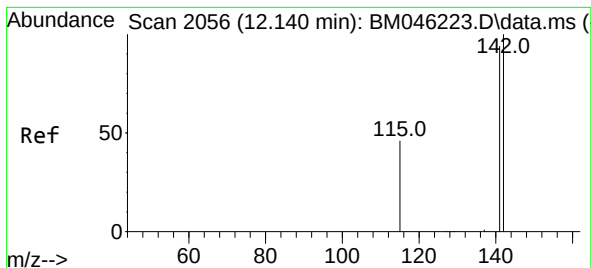
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

Tgt Ion:142 Resp: 1414
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.071 ng/ul

RT: 12.080 min Scan# 2056

Delta R.T. -0.070 min

Lab File: BM046235.D

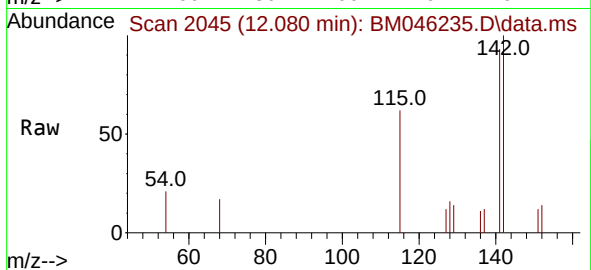
Acq: 23 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :

A4CA8



Tgt Ion:142 Resp: 1310

Ion Ratio Lower Upper

142 100

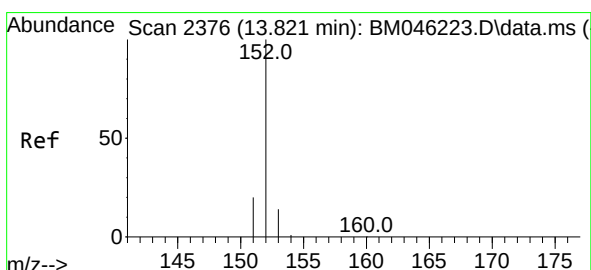
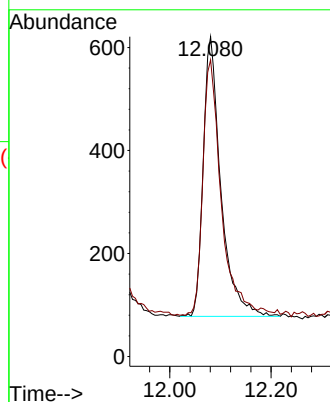
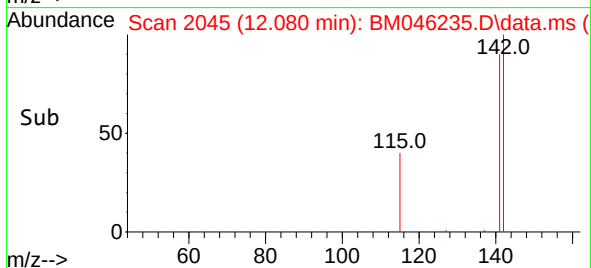
141 95.9 75.2 112.8

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#10

Acenaphthylene

Concen: 0.371 ng/ul

RT: 13.771 min Scan# 2365

Delta R.T. -0.063 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

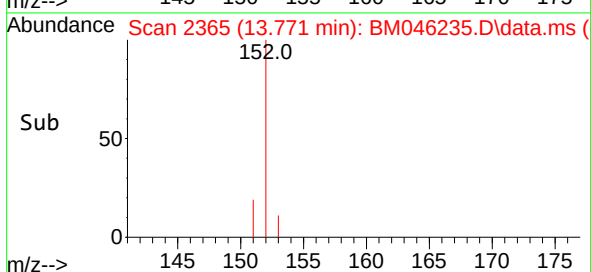
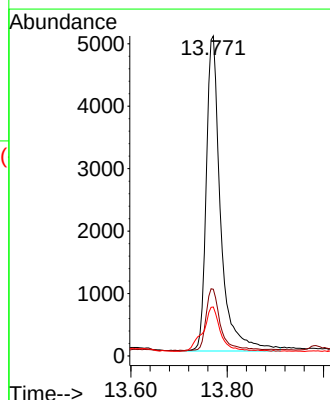
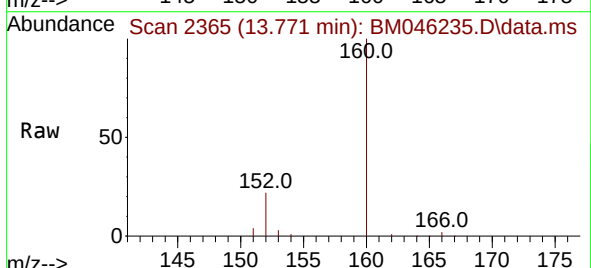
Tgt Ion:152 Resp: 10415

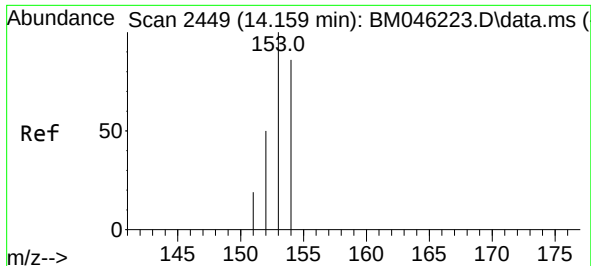
Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.2

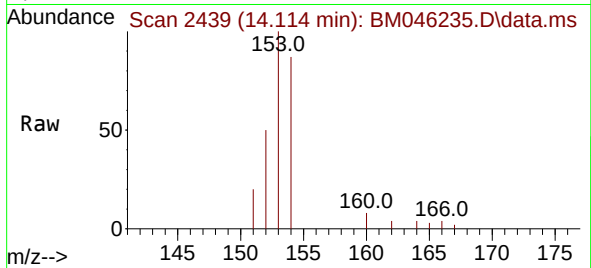
153 15.3 11.8 17.8





#11
Acenaphthene
Concen: 0.326 ng/u1
RT: 14.114 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

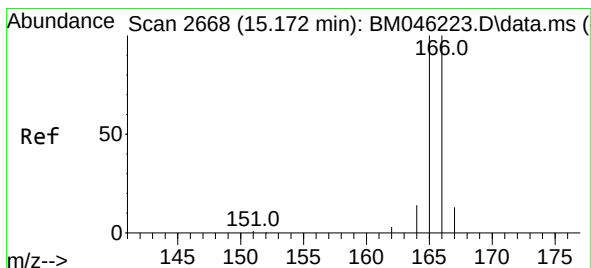
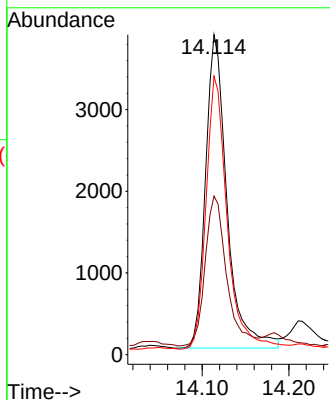
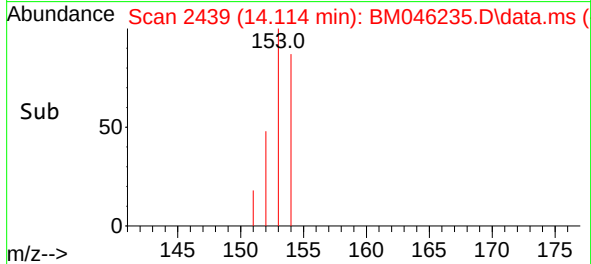
Instrument :
BNA_M
ClientSampleId :
A4CA8



Tgt Ion:153 Resp: 660
Ion Ratio Lower Upper
153 100
152 49.6 41.3 61.9
154 87.0 68.2 102.4

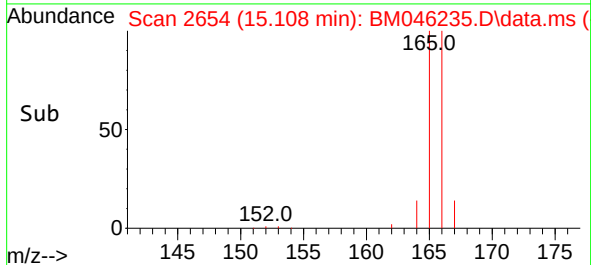
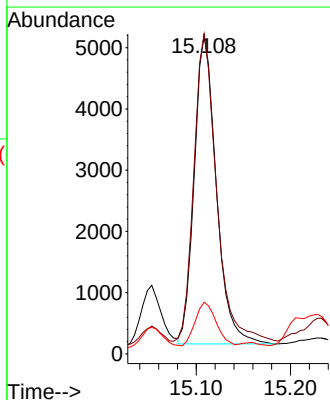
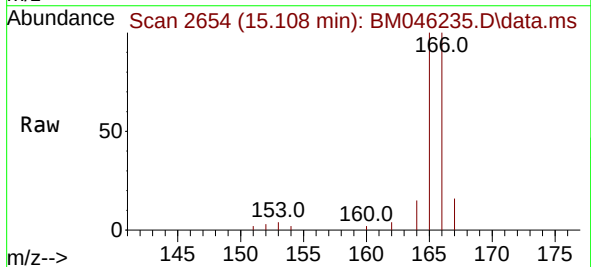
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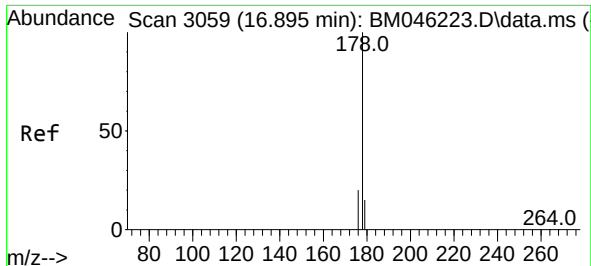
Reviewed By :Yogesh Patel 06/24/2024
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#12
Fluorene
Concen: 0.377 ng/u1
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

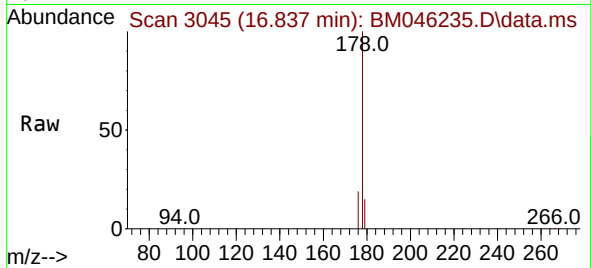
Tgt Ion:166 Resp: 8202
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 16.2 12.4 18.6





#15
Phenanthrene
Concen: 4.701 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

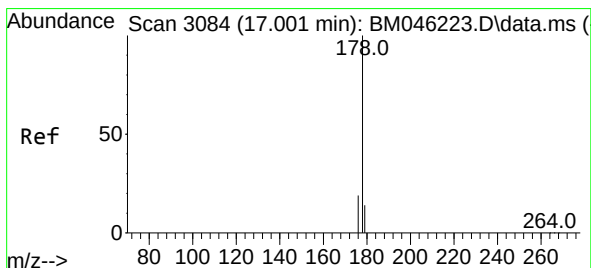
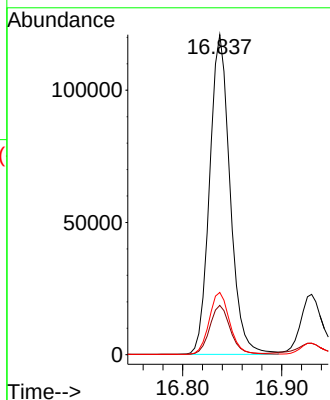
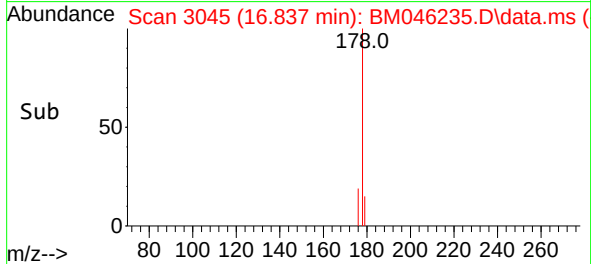
Instrument :
BNA_M
ClientSampleId :
A4CA8



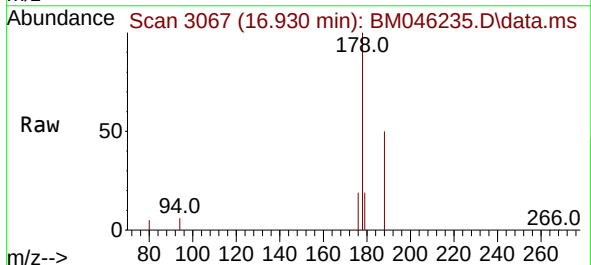
Tgt Ion:178 Resp: 17301
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.5 17.1 25.7

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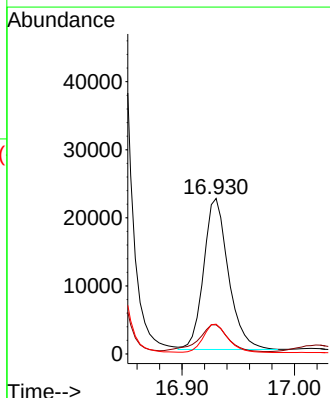
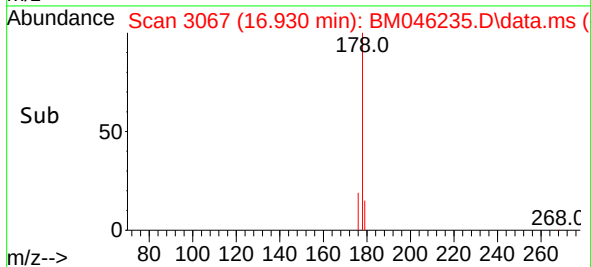
Reviewed By :Yogesh Patel 06/24/2024
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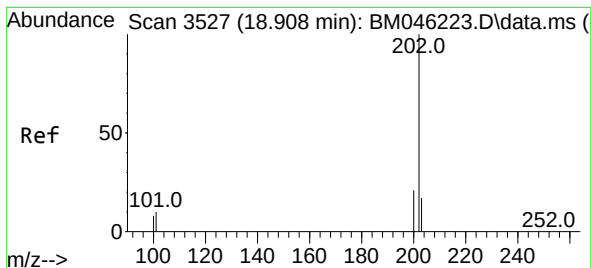


#16
Anthracene
Concen: 1.240 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03



Tgt Ion:178 Resp: 33978
Ion Ratio Lower Upper
178 100
179 18.7 14.9 22.3
176 19.1 17.0 25.4





#19

Fluoranthene

Concen: 8.606 ng/u1

RT: 18.863 min Scan# 31

Delta R.T. -0.054 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

Instrument :

BNA_M

ClientSampleId :

A4CA8

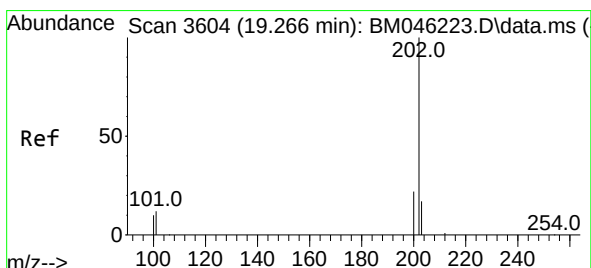
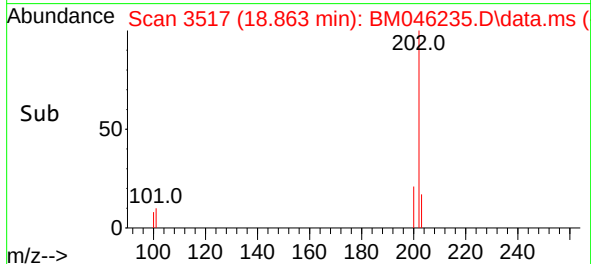
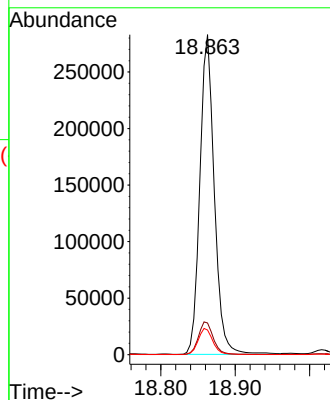
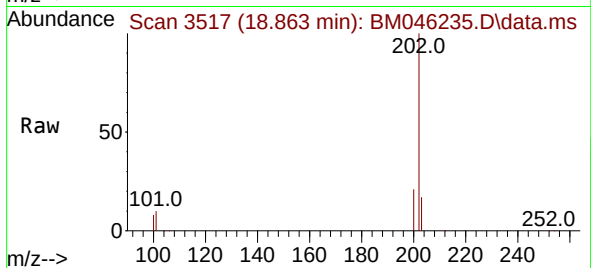
Tgt Ion:	202	Resp:	38186
Ion Ratio	Lower	Upper	
202	100		
101	9.9	9.6	14.4
100	7.7	7.6	11.4

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Supervised By :Jagrut Upadhyay 06/24/2024



#20

Pyrene

Concen: 5.266 ng/u1

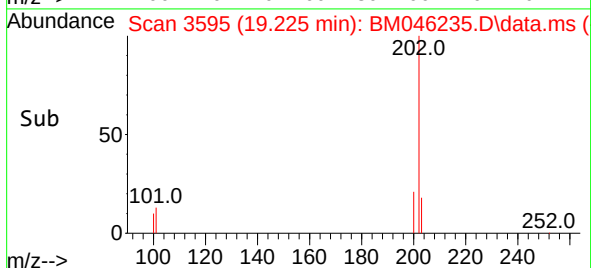
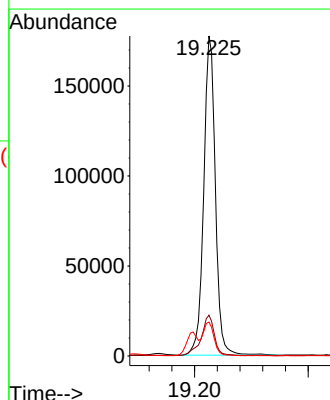
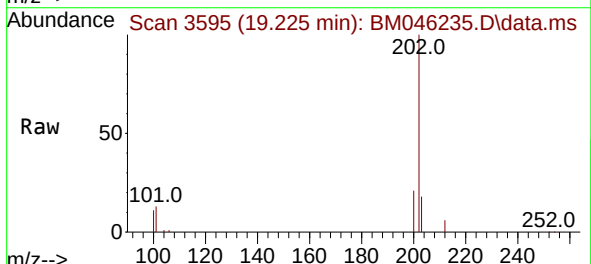
RT: 19.225 min Scan# 3595

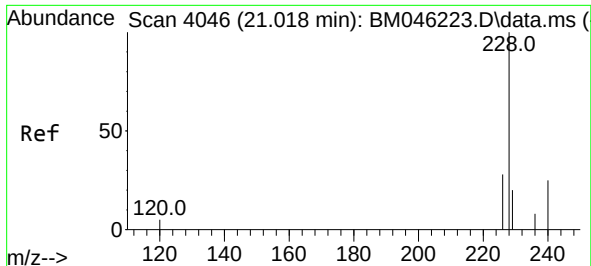
Delta R.T. -0.050 min

Lab File: BM046235.D

Acq: 23 Jun 2024 15:03

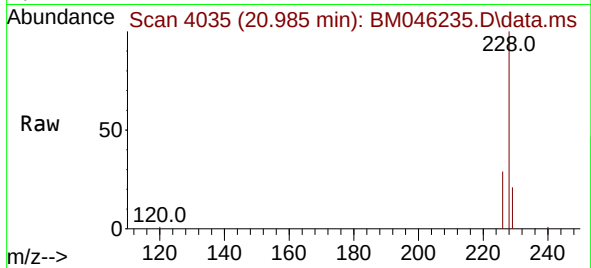
Tgt Ion:	202	Resp:	252686
Ion Ratio	Lower	Upper	
202	100		
101	12.7	11.3	16.9
100	10.6	9.8	14.6





#21
Benzo(a)anthracene
Concen: 3.988 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

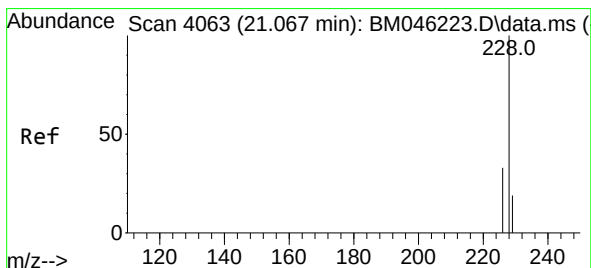
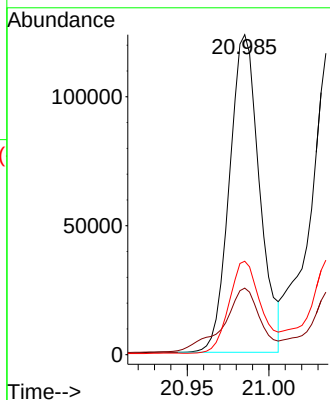
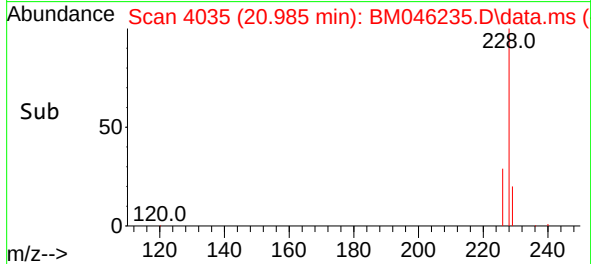
Instrument :
BNA_M
ClientSampleId :
A4CA8



Tgt Ion:228 Resp: 15788
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.2 23.4 35.2

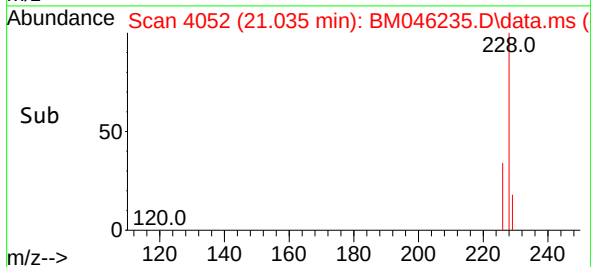
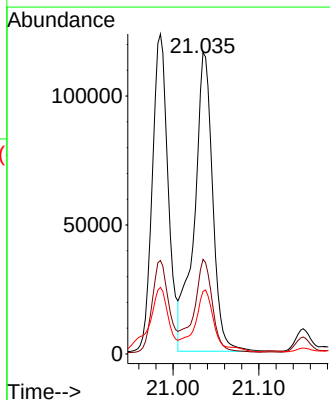
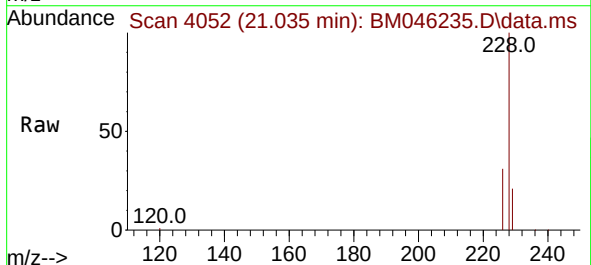
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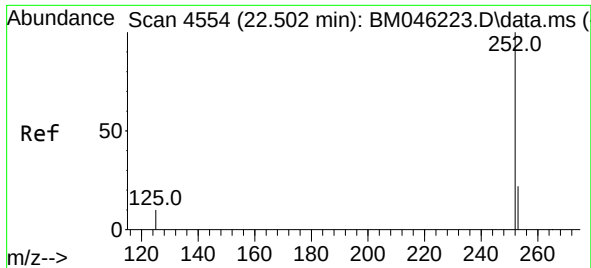
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 3.415 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

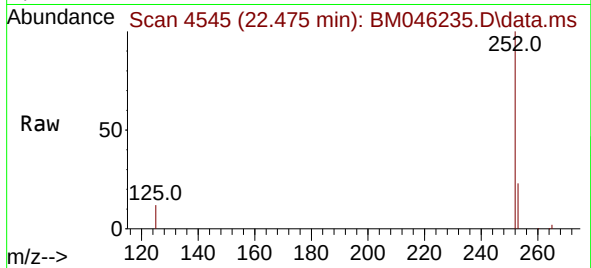
Tgt Ion:228 Resp: 172501
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.650 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

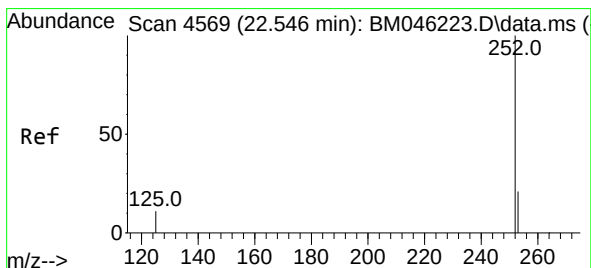
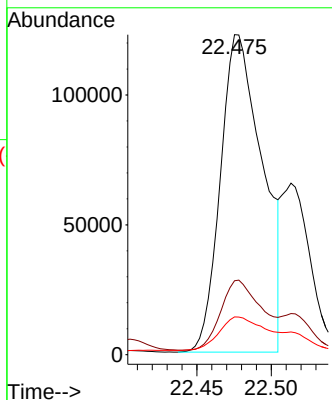
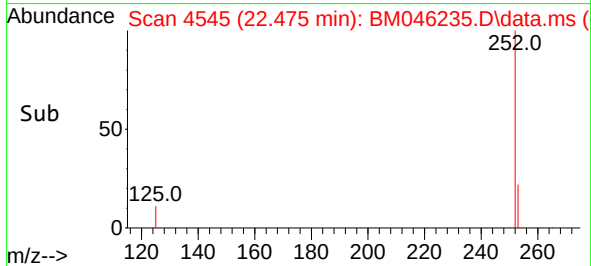
Instrument :
BNA_M
ClientSampleId :
A4CA8



Tgt Ion:252 Resp: 24104
Ion Ratio Lower Upper
252 100
253 23.1 0.0 65.8
125 11.8 0.0 40.2

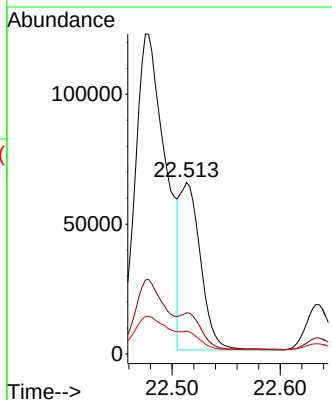
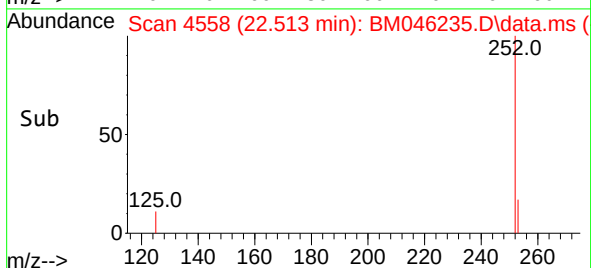
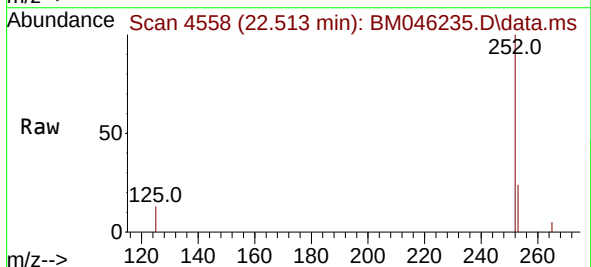
Manual Integrations
APPROVED

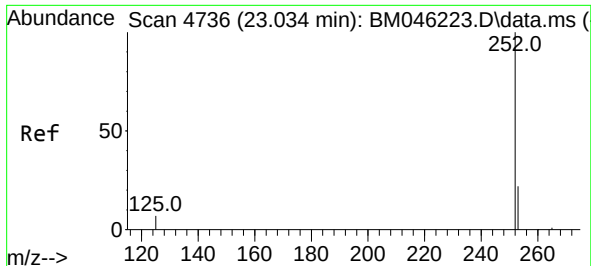
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.693 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

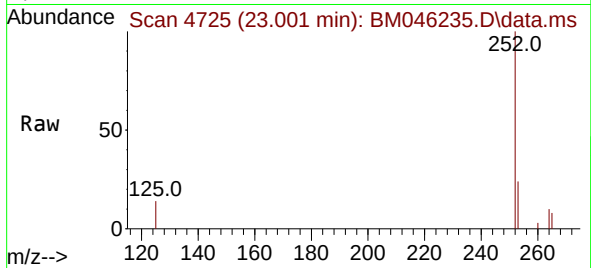
Tgt Ion:252 Resp: 85864
Ion Ratio Lower Upper
252 100
253 24.0 27.2 40.8#
125 13.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.118 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

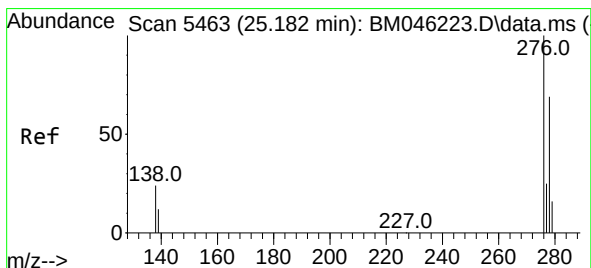
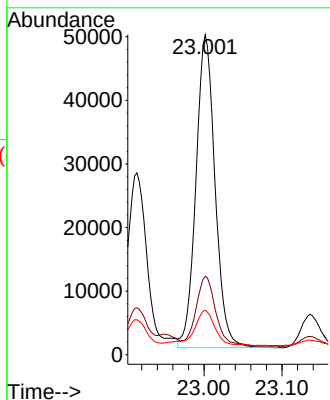
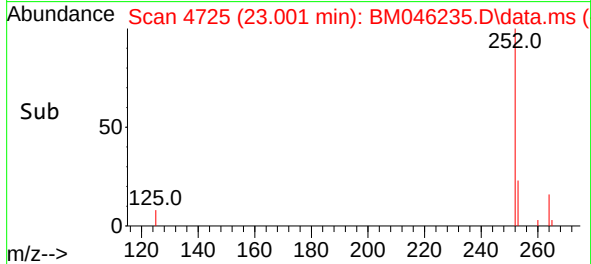
Instrument :
BNA_M
ClientSampleId :
A4CA8



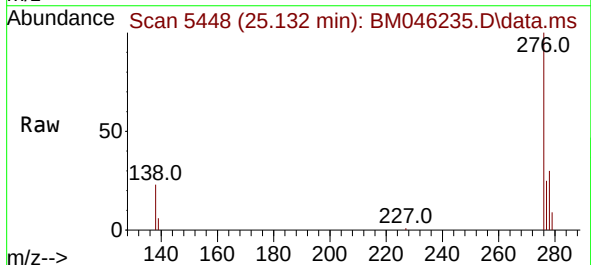
Tgt Ion:252 Resp: 8372
Ion Ratio Lower Upper
252 100
253 24.5 32.1 48.1
125 13.9 21.2 31.8

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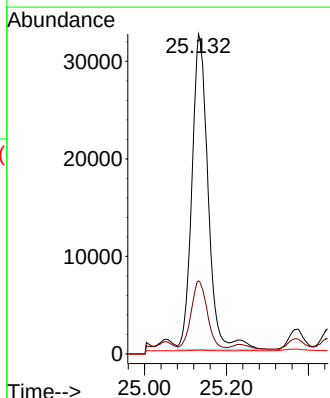
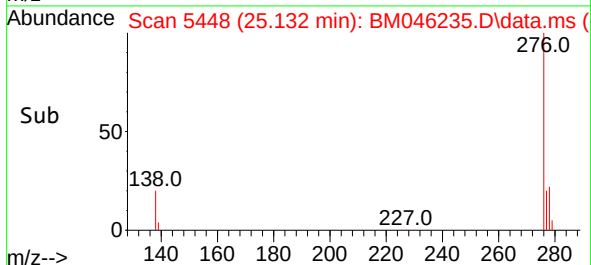
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

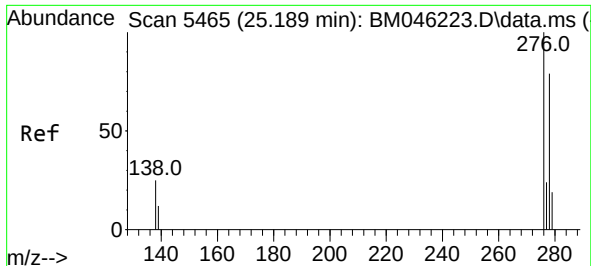


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.365 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.071 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03



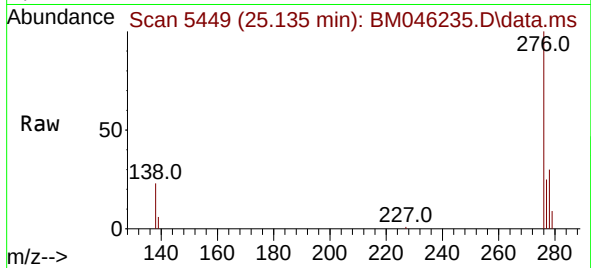
Tgt Ion:276 Resp: 88314
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.588 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03

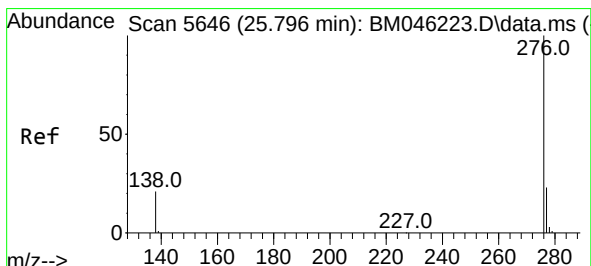
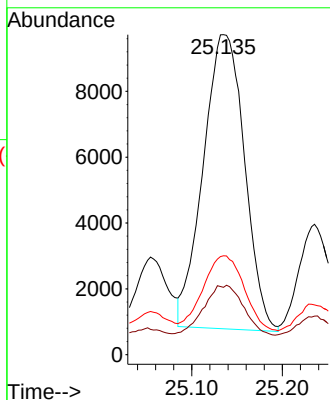
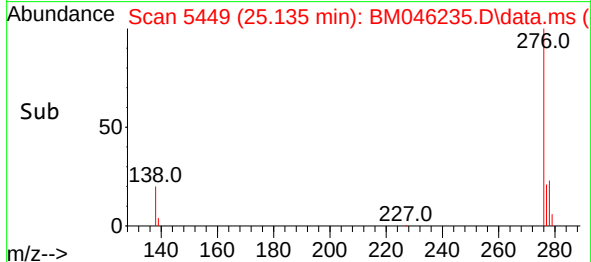
Instrument :
BNA_M
ClientSampleId :
A4CA8



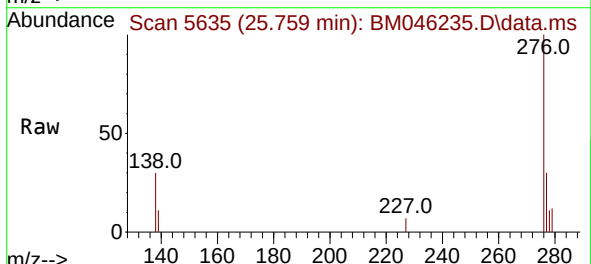
Tgt Ion: 278 Resp: 2833
Ion Ratio Lower Upper
278 100
139 21.0 17.6 26.4
279 30.9 26.3 39.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.071 min
Lab File: BM046235.D
Acq: 23 Jun 2024 15:03



Tgt Ion: 276 Resp: 13453
Ion Ratio Lower Upper
276 100
138 29.6 21.7 32.5
277 30.1 20.4 30.6

