

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046236.D
 Acq On : 23 Jun 2024 15:40
 Operator : MA/JU
 Sample : P2776-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B94

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:31:38 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	2425	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.178	136	7496	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4276	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	9707m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	7060m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	8443m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10524	3.163	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2485	0.247	ng/ul	-0.07
18) Fluoranthene-d10	18.830	212	5878	0.278	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.222	128	6781	0.324	ng/ul	98
7) 2-Methylnaphthalene	11.871	142	2503	0.213	ng/ul	95
8) 1-Methylnaphthalene	12.086	142	2098	0.163	ng/ul	98
10) Acenaphthylene	13.771	152	10261	0.506	ng/ul	100
11) Acenaphthene	14.113	153	10622	0.725	ng/ul	98
12) Fluorene	15.108	166	13273	0.845	ng/ul	99
15) Phenanthrene	16.837	178	259710m	9.523	ng/ul	
16) Anthracene	16.930	178	50403m	2.482	ng/ul	
19) Fluoranthene	18.863	202	454102	14.855	ng/ul	95
20) Pyrene	19.225	202	295961	8.953	ng/ul	96
21) Benzo(a)anthracene	20.985	228	189837	6.961	ng/ul	99
22) Chrysene	21.035	228	183228	5.265	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	236453m	7.773	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	91201m	2.522	ng/ul	
26) Benzo(a)pyrene	23.001	252	73647	2.613	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.135	276	69603	1.509	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	28013	0.816	ng/ul	99
29) Benzo(g,h,i)perylene	25.759	276	10351	0.262	ng/ul#	86

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

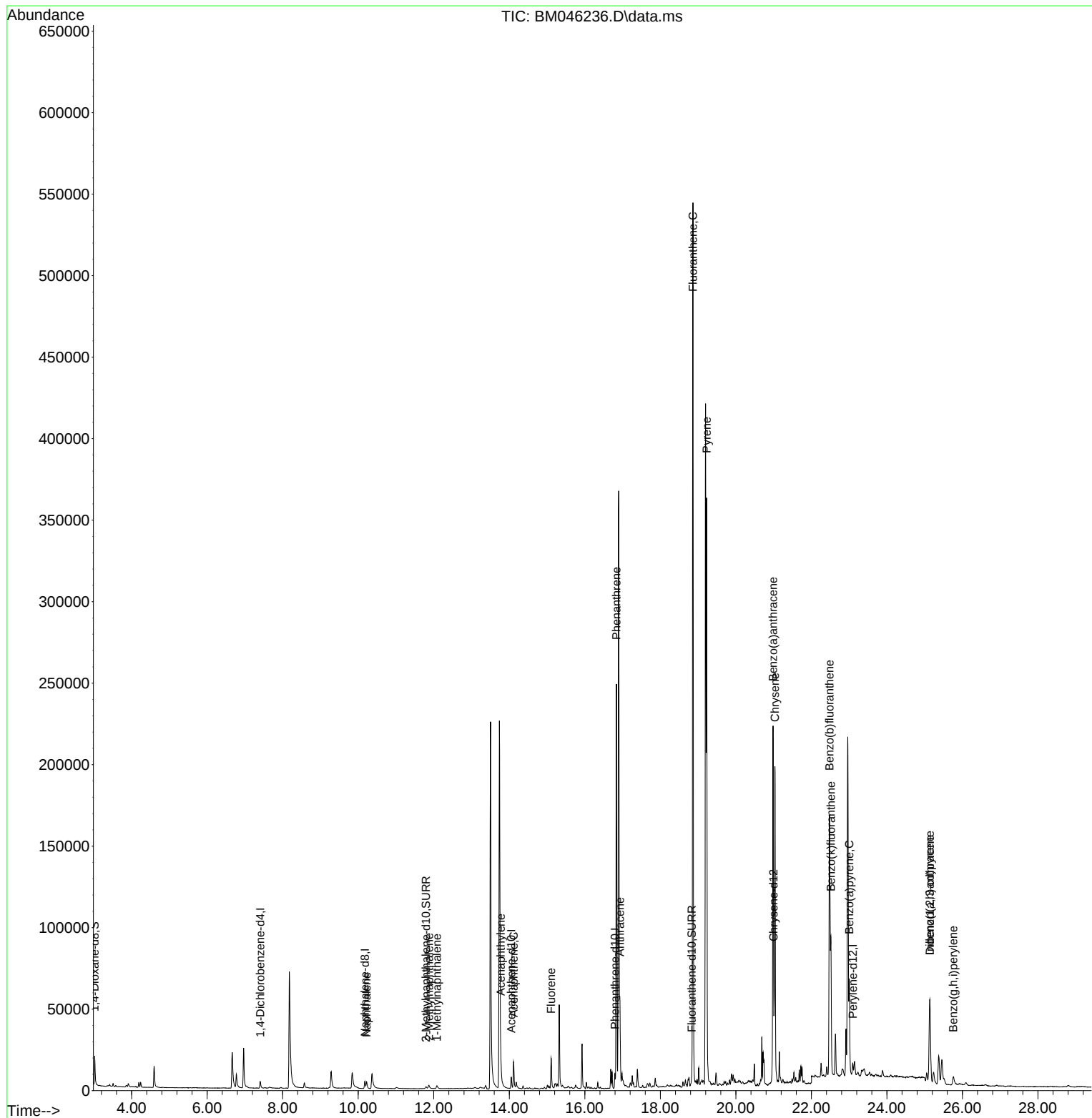
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
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Misc :
ALS Vial : 51 Sample Multiplier: 1

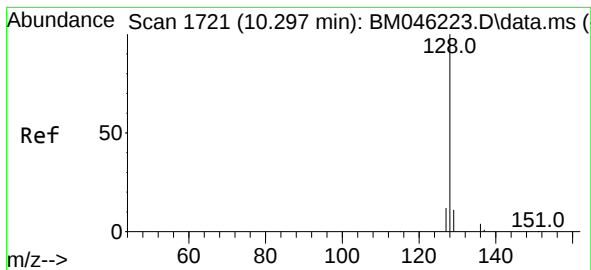
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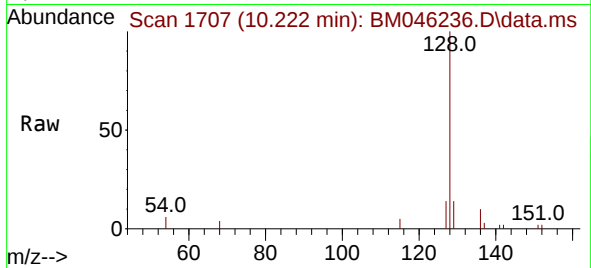
Quant Time: Jun 24 02:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.222 min Scan# 1707
Delta R.T. -0.081 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

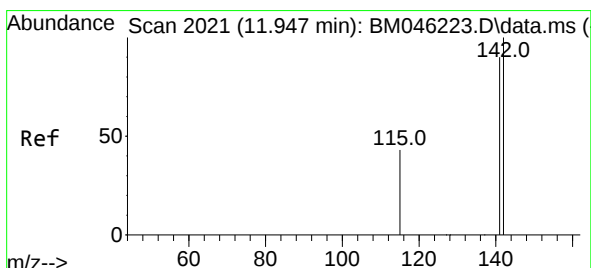
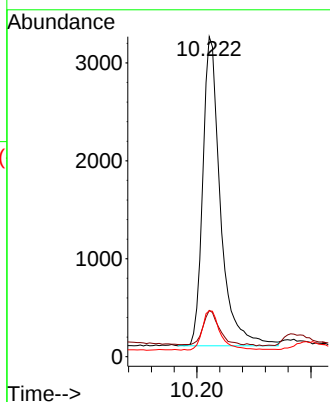
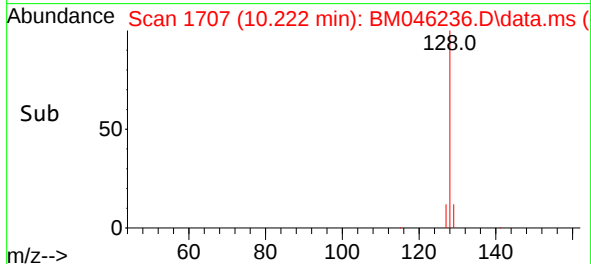
Instrument :
BNA_M
ClientSampleId :
A4B94



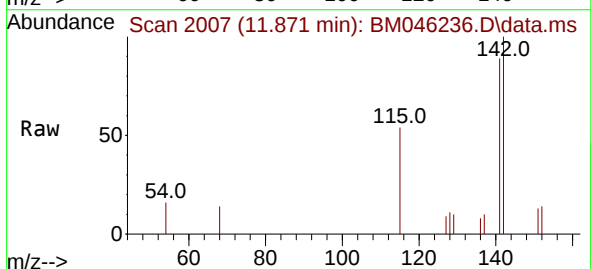
Tgt Ion:128 Resp: 678
Ion Ratio Lower Upper
128 100
129 14.5 11.8 17.6
127 14.4 12.8 19.2

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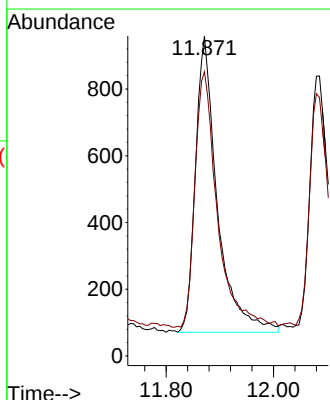
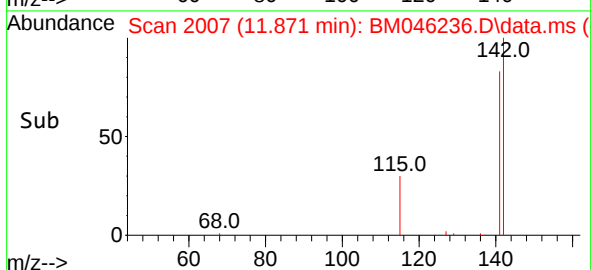
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

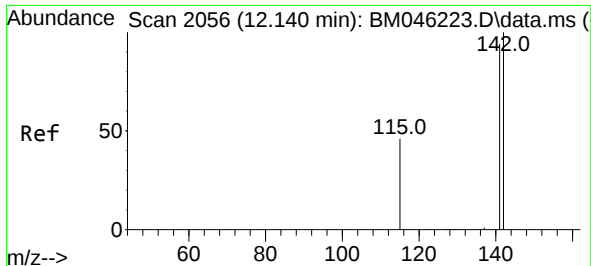


#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



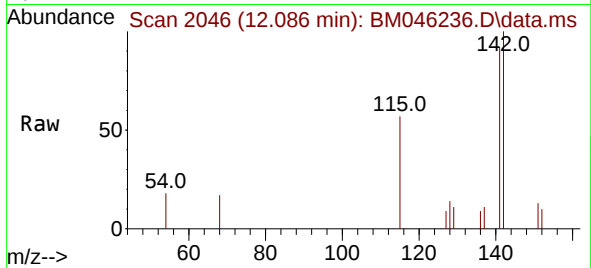
Tgt Ion:142 Resp: 2503
Ion Ratio Lower Upper
142 100
141 88.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.086 min Scan# 2056
Delta R.T. -0.065 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

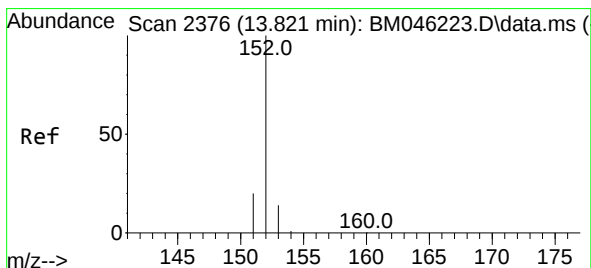
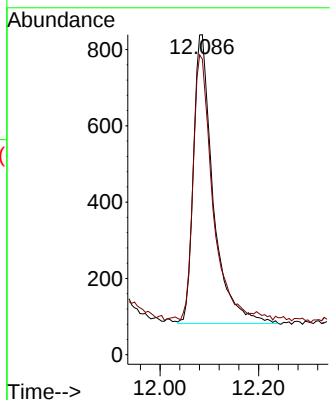
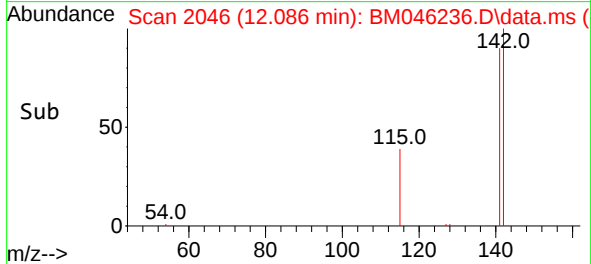
Instrument :
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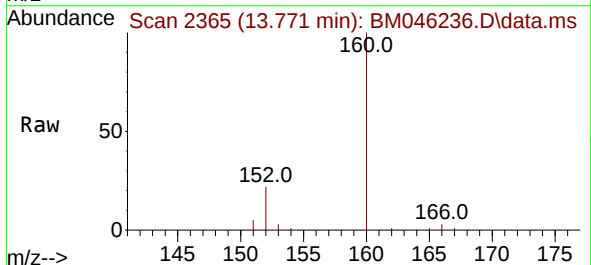
Tgt Ion:142 Resp: 2098
Ion Ratio Lower Upper
142 100
141 92.1 75.2 112.8

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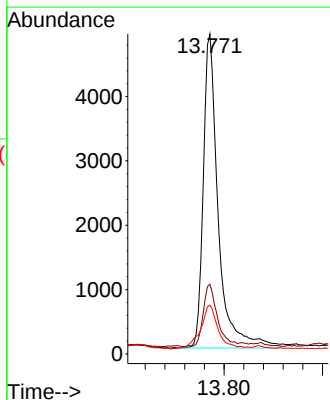
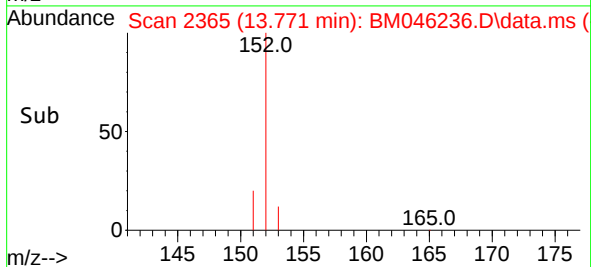
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

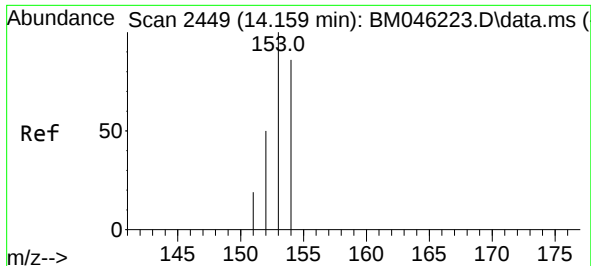


#10
Acenaphthylene
Concen: 0.506 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



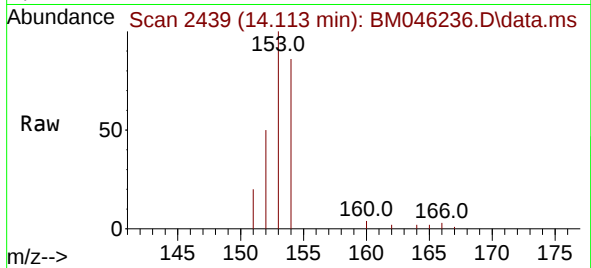
Tgt Ion:152 Resp: 10261
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 15.3 11.8 17.8





#11
Acenaphthene
Concen: 0.725 ng/ul
RT: 14.113 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

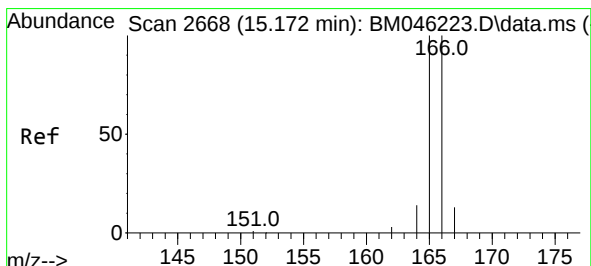
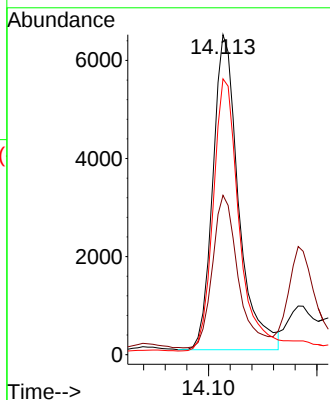
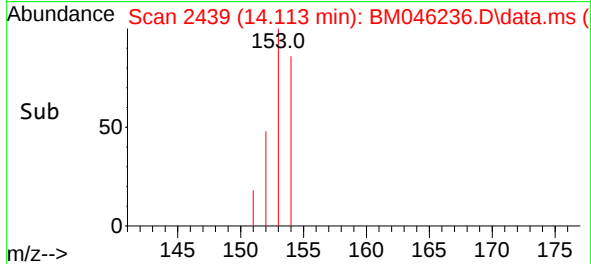
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 1062
Ion Ratio Lower Upper
153 100
152 49.8 41.3 61.9
154 86.2 68.2 102.4

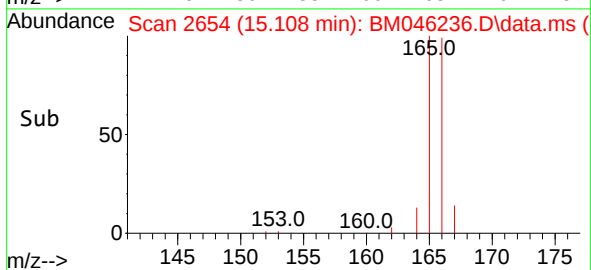
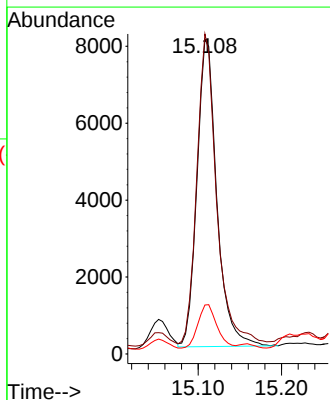
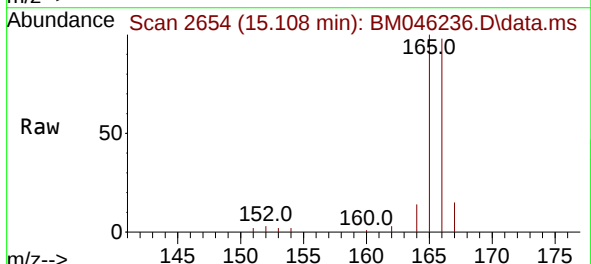
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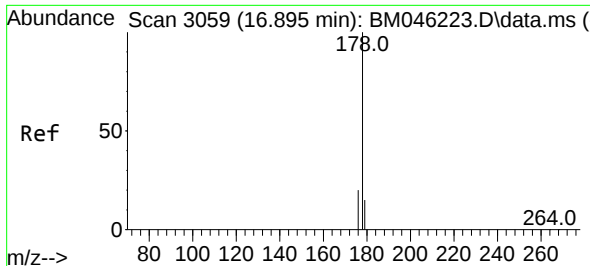
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.845 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

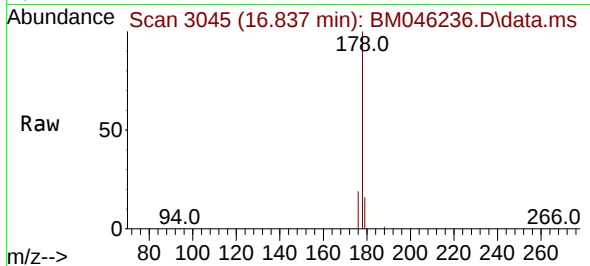
Tgt Ion:166 Resp: 13273
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 15.6 12.4 18.6





#15
Phenanthrene
Concen: 9.523 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

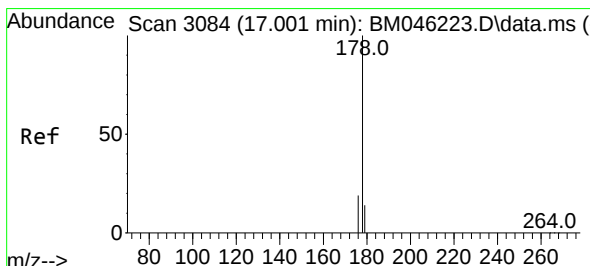
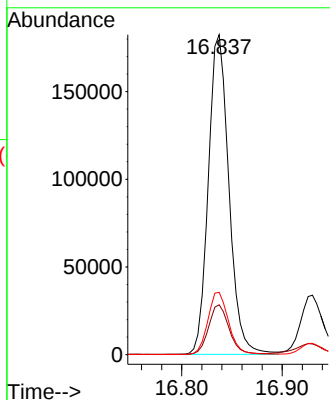
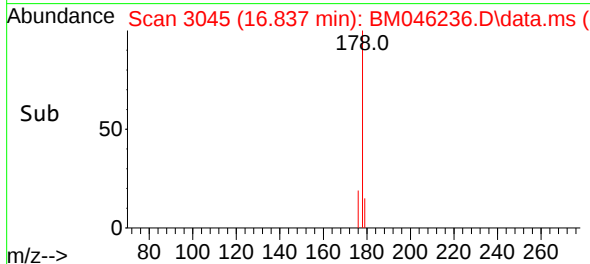
Instrument :
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ClientSampleId :
A4B94



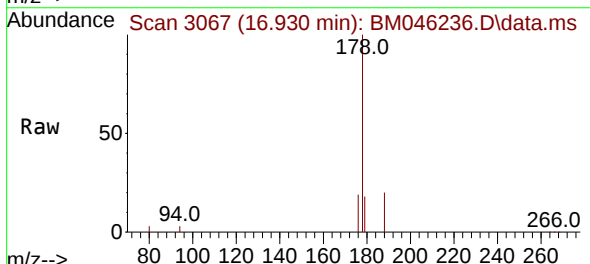
Tgt Ion:178 Resp: 259710
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.5 17.1 25.7

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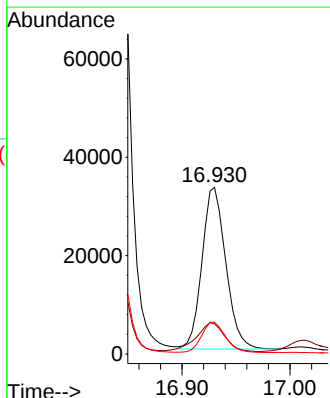
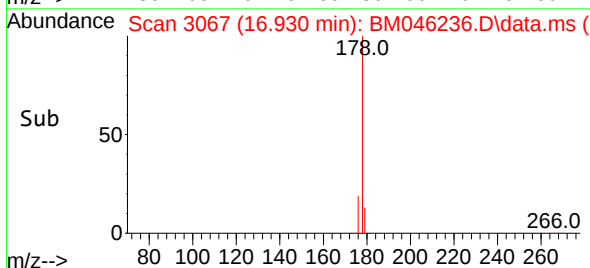
Reviewed By :Yogesh Patel 06/24/2024
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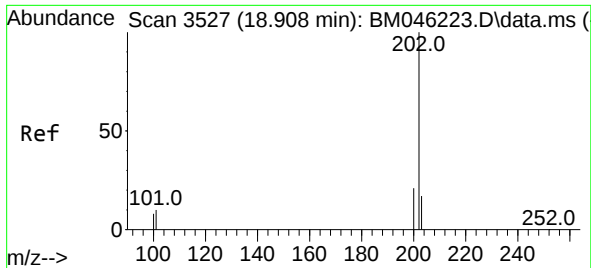


#16
Anthracene
Concen: 2.482 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



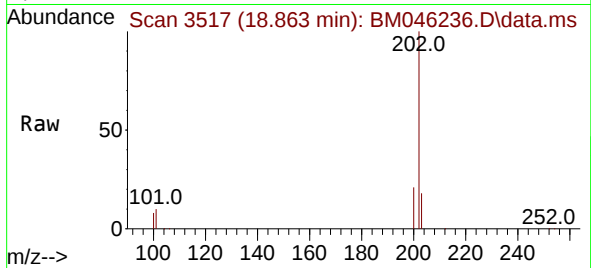
Tgt Ion:178 Resp: 50403
Ion Ratio Lower Upper
178 100
179 18.1 14.9 22.3
176 19.0 17.0 25.4





#19
Fluoranthene
Concen: 14.855 ng/ul
RT: 18.863 min Scan# 3517
Delta R.T. -0.055 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

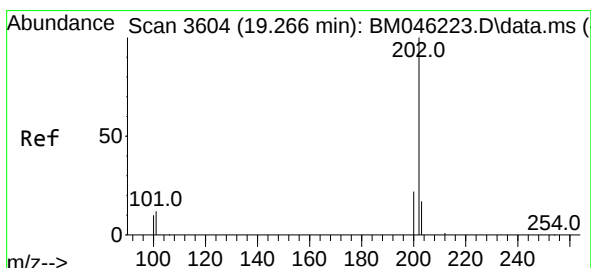
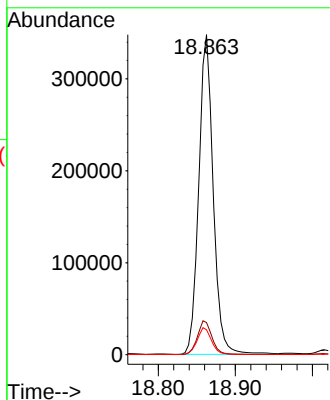
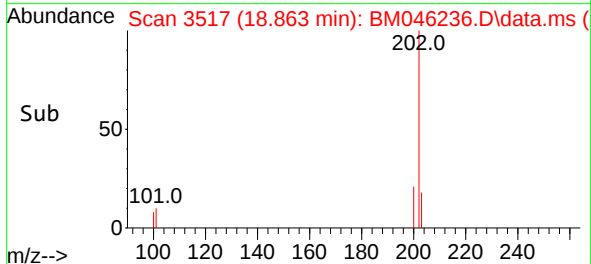
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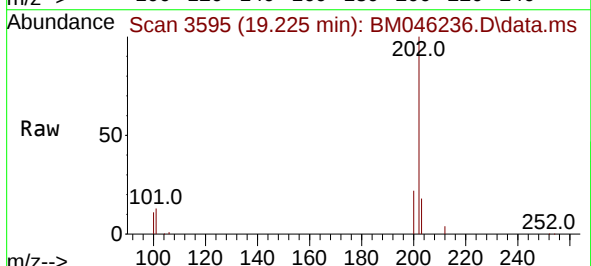
Tgt Ion:202 Resp: 45410
Ion Ratio Lower Upper
202 100
101 10.1 9.6 14.4
100 7.8 7.6 11.4

Manual Integrations
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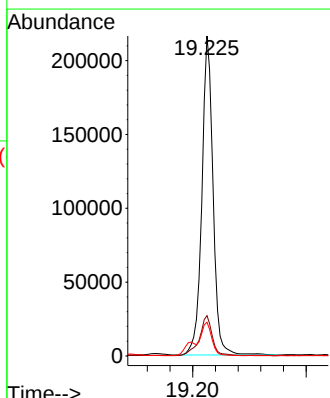
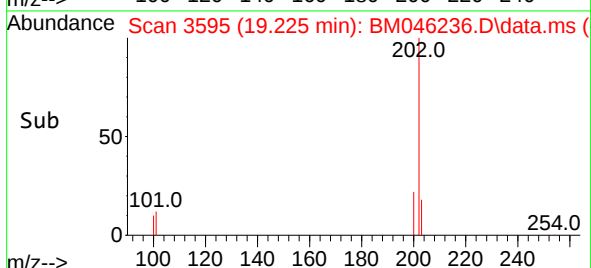
Reviewed By :Yogesh Patel 06/24/2024
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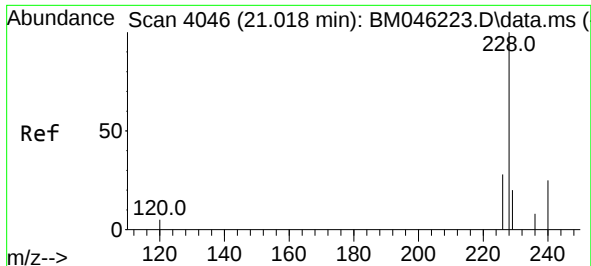


#20
Pyrene
Concen: 8.953 ng/ul
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



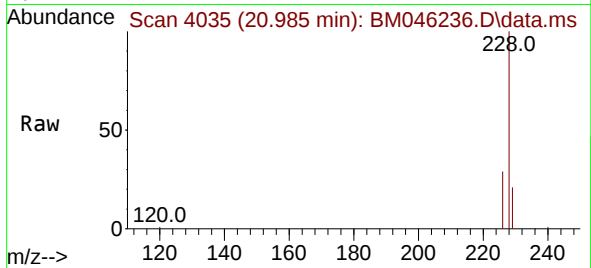
Tgt Ion:202 Resp: 295961
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.961 ng/ul
RT: 20.985 min Scan# 4046
Delta R.T. -0.044 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

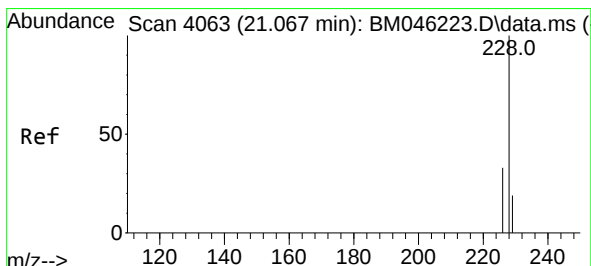
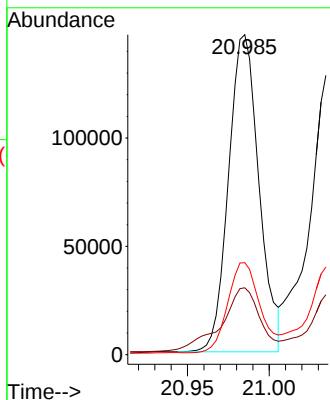
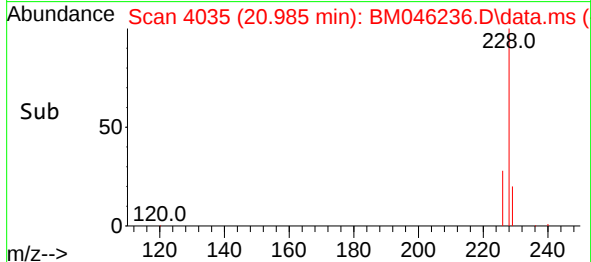
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 18983
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 28.8 23.4 35.2

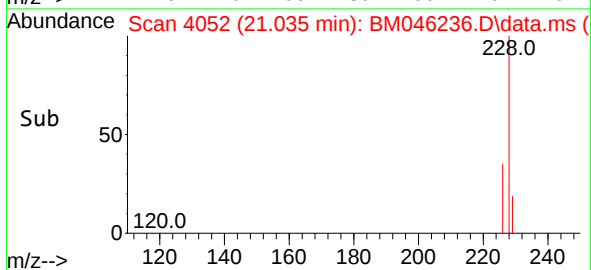
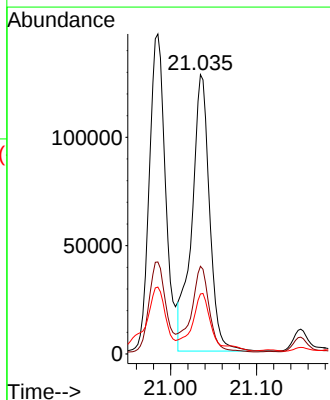
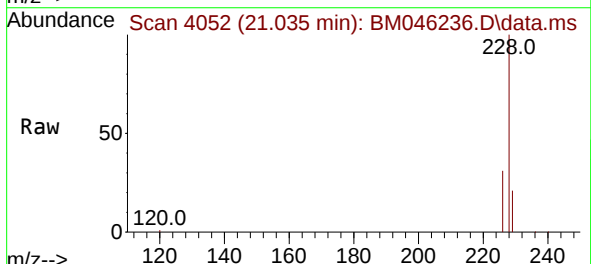
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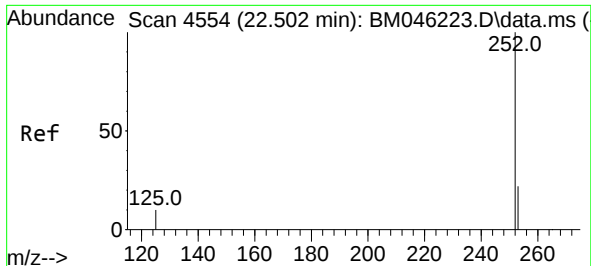
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 5.265 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

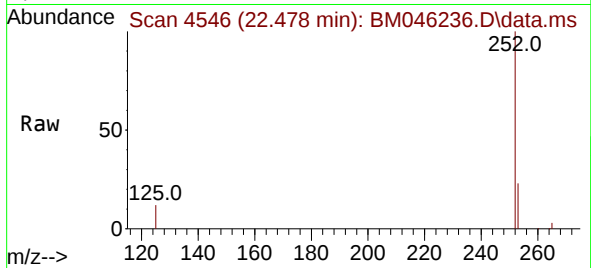
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Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 7.773 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

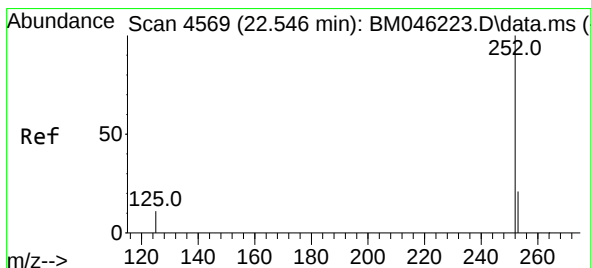
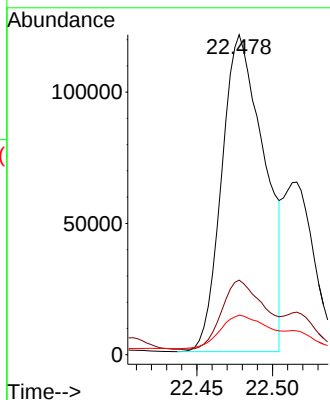
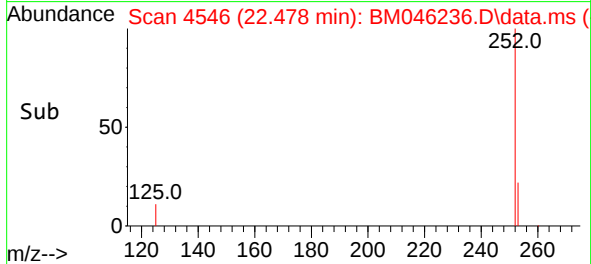
Instrument :
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Tgt Ion:252 Resp: 23645
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 12.3 0.0 40.2

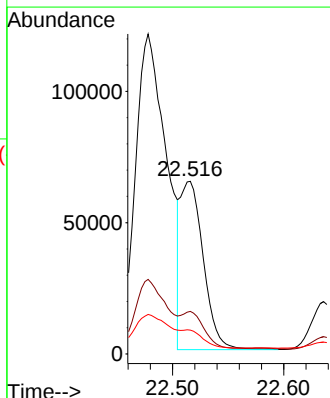
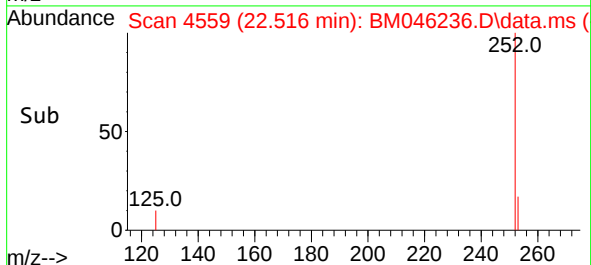
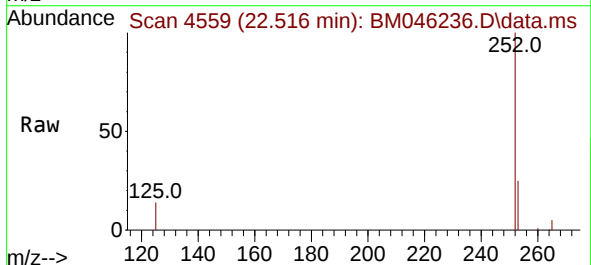
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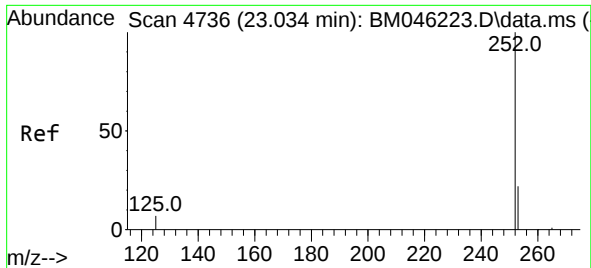
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 2.522 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

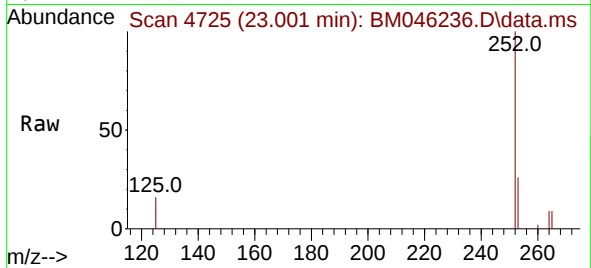
Tgt Ion:252 Resp: 91201
Ion Ratio Lower Upper
252 100
253 24.7 27.2 40.8#
125 13.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.613 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

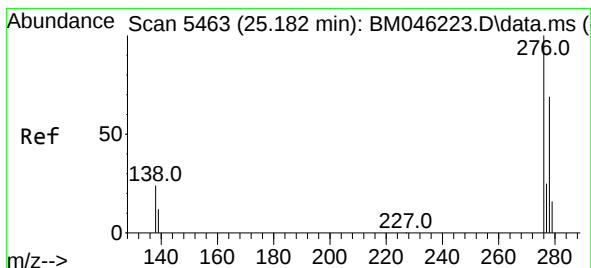
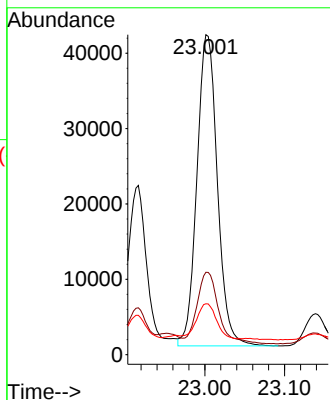
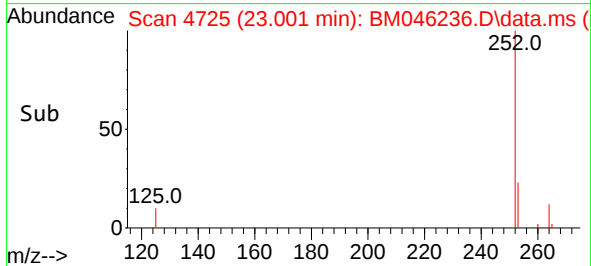
Instrument :
BNA_M
ClientSampleId :
A4B94



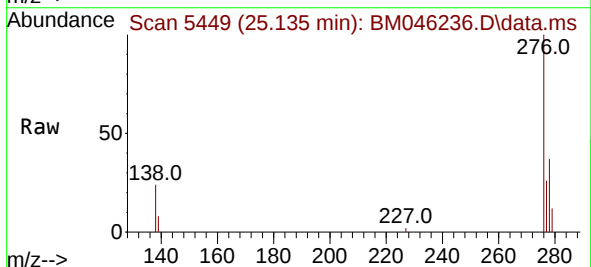
Tgt Ion:252 Resp: 7364
Ion Ratio Lower Upper
252 100
253 25.8 32.1 48.1
125 15.9 21.2 31.8

Manual Integrations
APPROVED

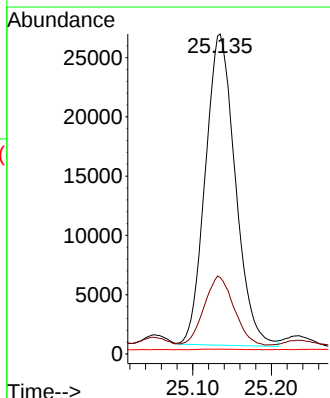
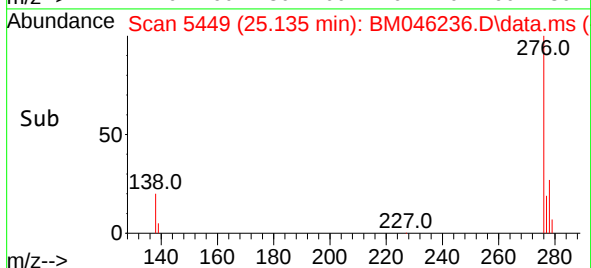
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

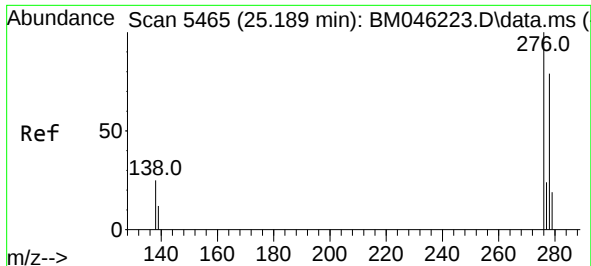


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.509 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.068 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



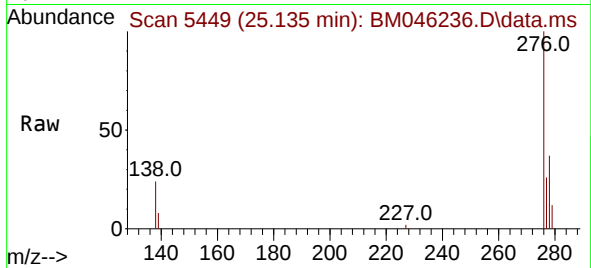
Tgt Ion:276 Resp: 69603
Ion Ratio Lower Upper
276 100
138 21.9 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.816 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

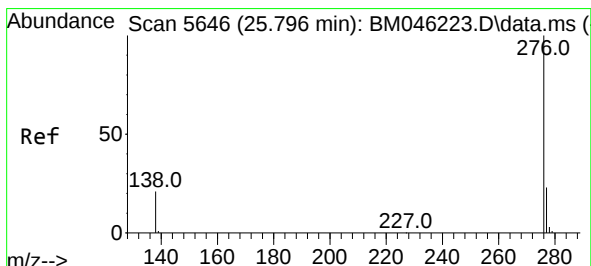
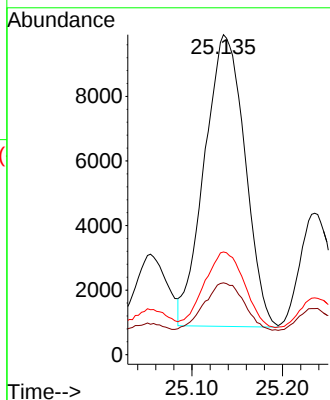
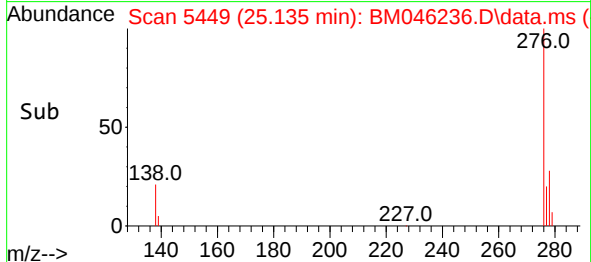
Instrument :
BNA_M
ClientSampleId :
A4B94



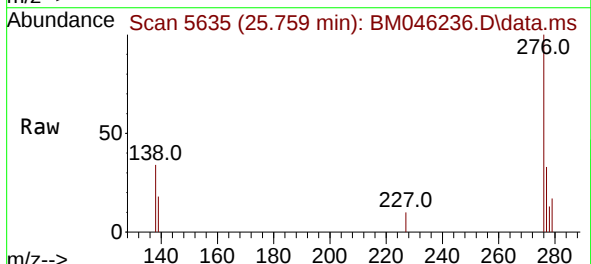
Tgt Ion: 278 Resp: 2801
Ion Ratio Lower Upper
278 100
139 22.4 17.6 26.4
279 32.1 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.071 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40



Tgt Ion: 276 Resp: 10351
Ion Ratio Lower Upper
276 100
138 33.8 21.7 32.5#
277 33.0 20.4 30.6#

