

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046232.D
 Acq On : 23 Jun 2024 13:13
 Operator : MA/JU
 Sample : P2776-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA7

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:30:39 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	2736	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8546	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4707	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.795	188	10024m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.003	240	7106m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	9038m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12163	3.240	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2968	0.259	ng/ul	-0.07
18) Fluoranthene-d10	18.830	212	6236	0.293	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.222	128	5121	0.215	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1545	0.115	ng/ul	98
8) 1-Methylnaphthalene	12.086	142	1228	0.083	ng/ul	99
10) Acenaphthylene	13.771	152	3179	0.142	ng/ul#	91
11) Acenaphthene	14.114	153	35404	2.197	ng/ul	98
12) Fluorene	15.108	166	42879	2.479	ng/ul	98
15) Phenanthrene	16.837	178	644668m	22.891	ng/ul	
16) Anthracene	16.930	178	154192m	7.351	ng/ul	
19) Fluoranthene	18.863	202	803554	26.117	ng/ul	96
20) Pyrene	19.225	202	638795	19.198	ng/ul	96
21) Benzo(a)anthracene	20.985	228	285201	10.391	ng/ul	99
22) Chrysene	21.038	228	247666	7.070	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	332450m	10.210	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	123839m	3.199	ng/ul	
26) Benzo(a)pyrene	23.004	252	255465	8.467	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.135	276	191455	3.877	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.138	278	38981	1.060	ng/ul	93
29) Benzo(g,h,i)perylene	25.755	276	202019	4.771	ng/ul	94

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

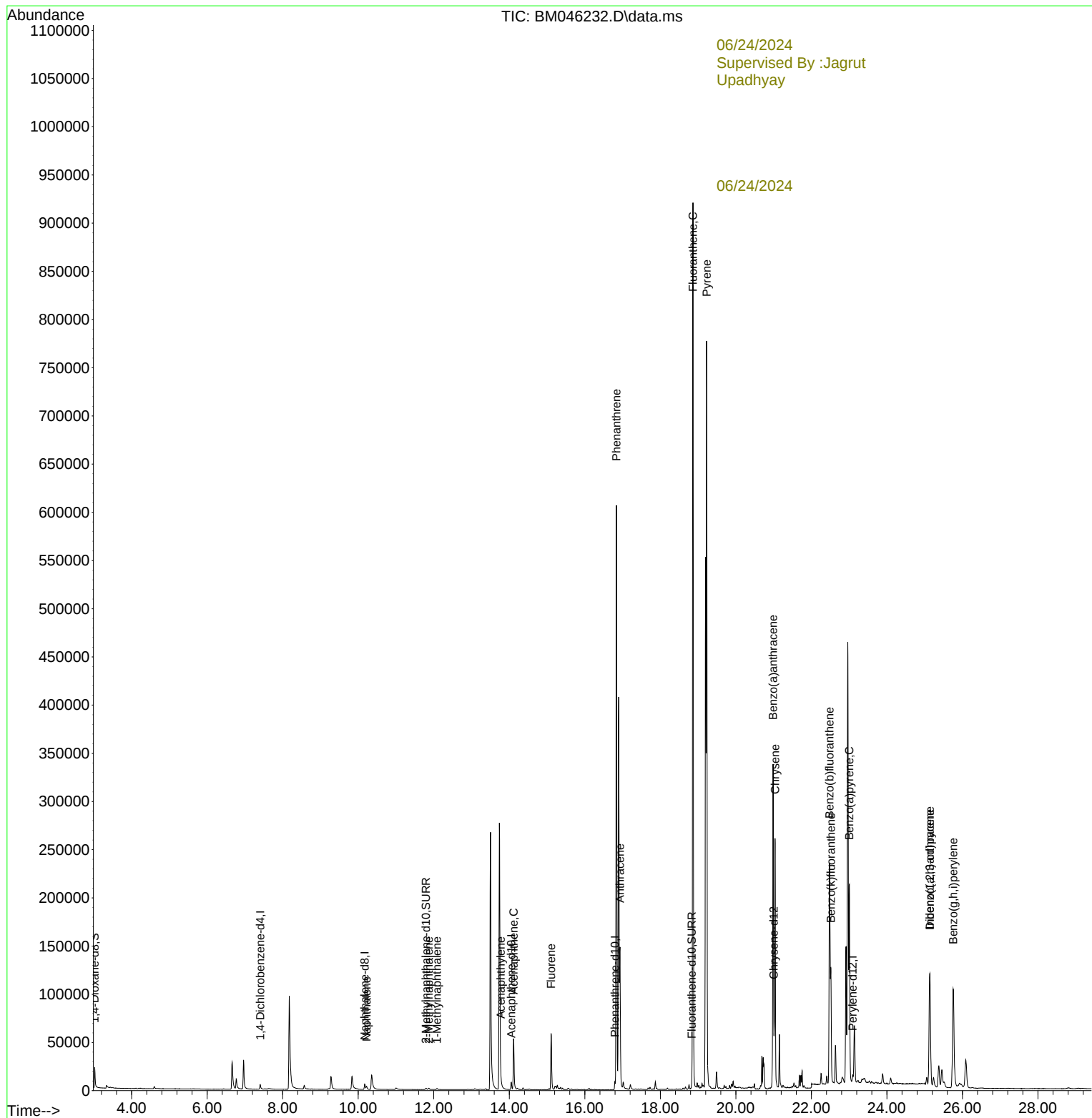
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046232.D
Acq On : 23 Jun 2024 13:13
Operator : MA/JU
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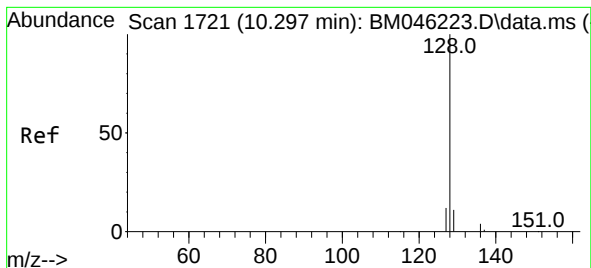
Instrument :
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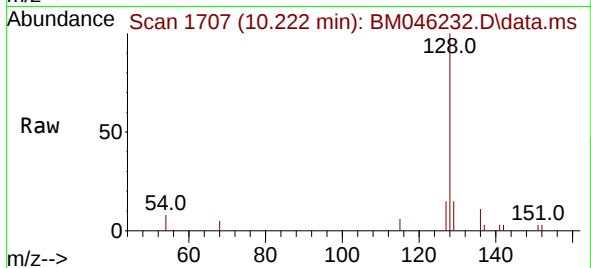
Quant Time: Jun 24 02:30:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.215 ng/ul
RT: 10.222 min Scan# 1707
Delta R.T. -0.081 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

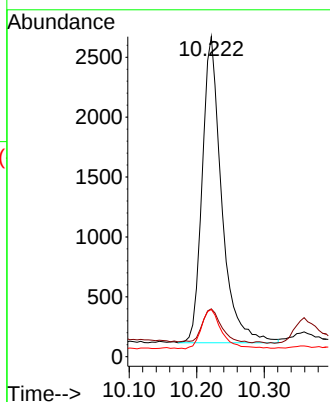
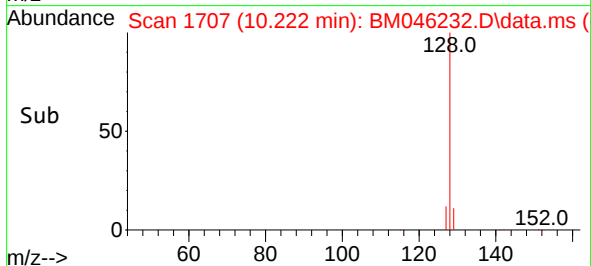
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:128 Resp: 512
Ion Ratio Lower Upper
128 100
129 14.9 11.8 17.6
127 14.7 12.8 19.2

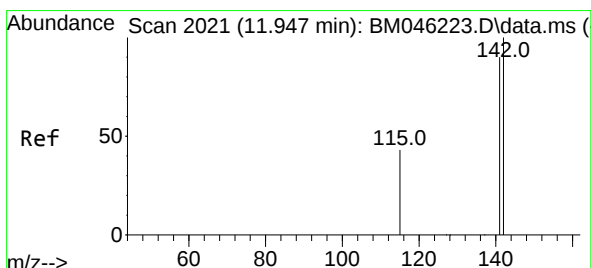
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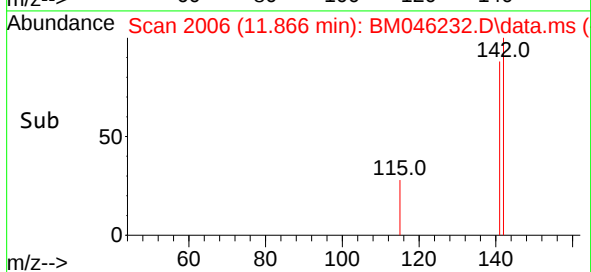
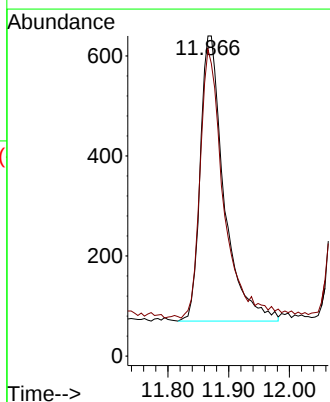
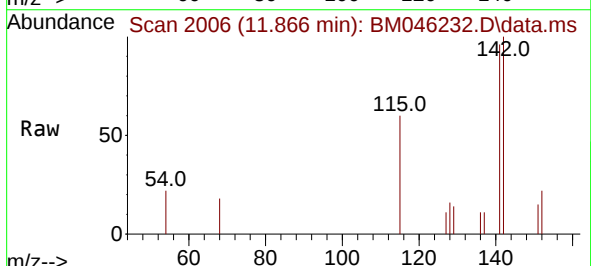
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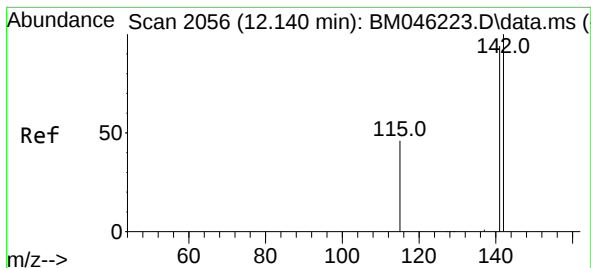
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#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

Tgt Ion:142 Resp: 1545
Ion Ratio Lower Upper
142 100
141 95.0 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.086 min Scan# 2056

Delta R.T. -0.065 min

Lab File: BM046232.D

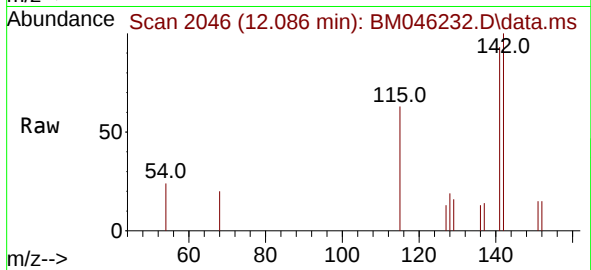
Acq: 23 Jun 2024 13:13

Instrument :

BNA_M

ClientSampleId :

A4CA7



Tgt Ion:142 Resp: 1228

Ion Ratio Lower Upper

142 100

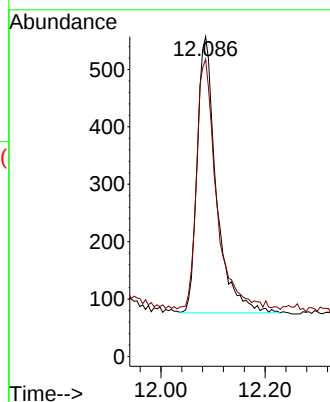
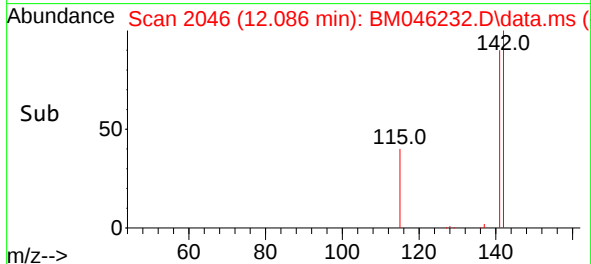
141 94.5 75.2 112.8

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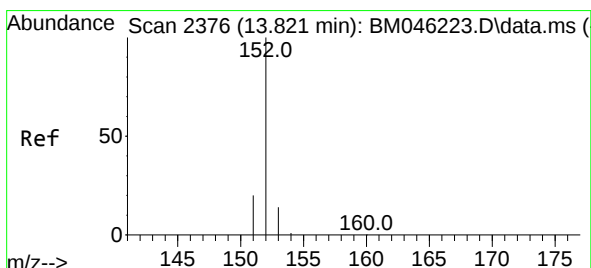


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#10

Acenaphthylene

Concen: 0.142 ng/ul

RT: 13.771 min Scan# 2365

Delta R.T. -0.063 min

Lab File: BM046232.D

Acq: 23 Jun 2024 13:13

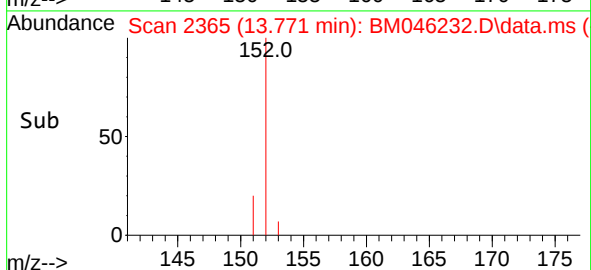
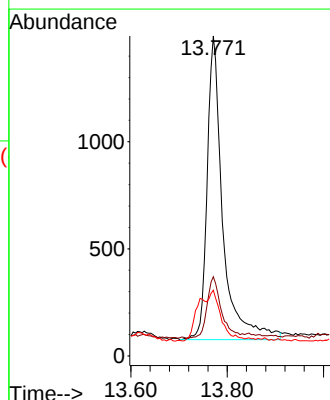
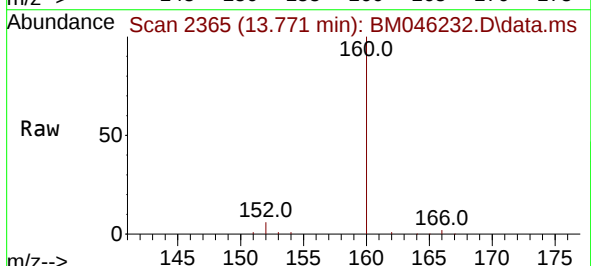
Tgt Ion:152 Resp: 3179

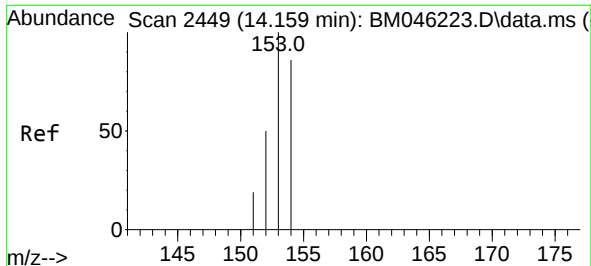
Ion Ratio Lower Upper

152 100

151 24.8 17.4 26.2

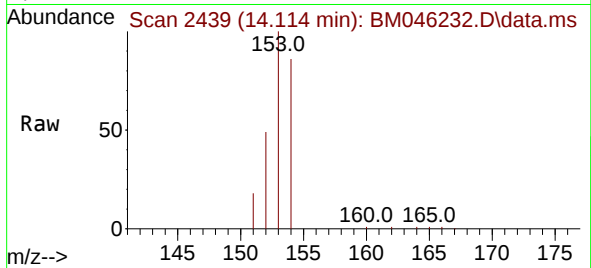
153 20.5 11.8 17.8#





#11
Acenaphthene
Concen: 2.197 ng/ul
RT: 14.114 min Scan# 2449
Delta R.T. -0.059 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

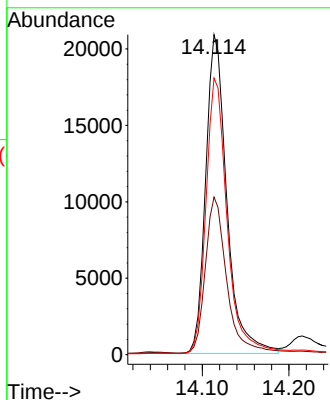
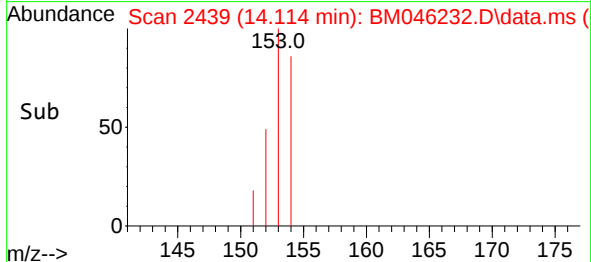
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:153 Resp: 35404
Ion Ratio Lower Upper
153 100
152 49.3 41.3 61.9
154 86.5 68.2 102.4

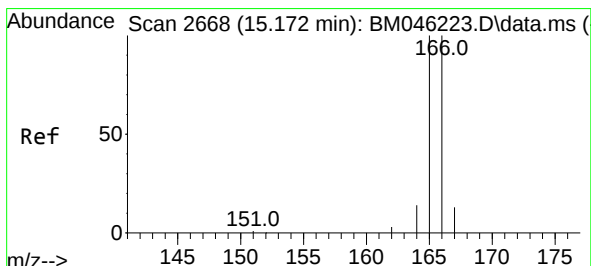
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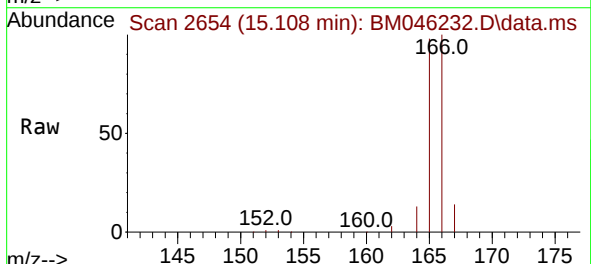


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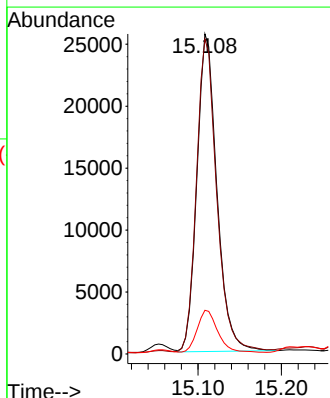
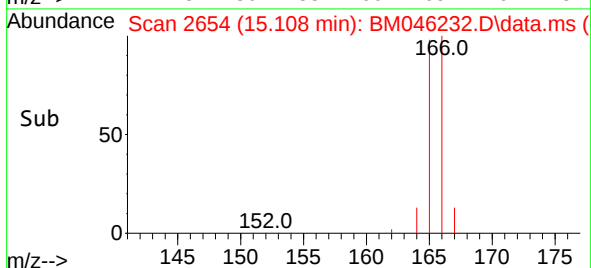
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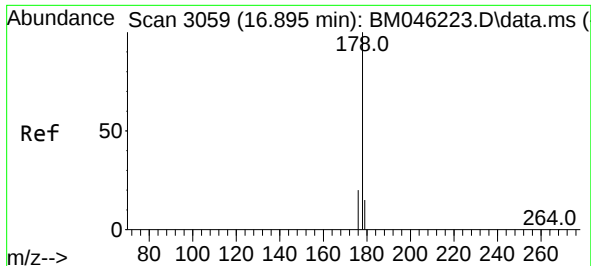


#12
Fluorene
Concen: 2.479 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13



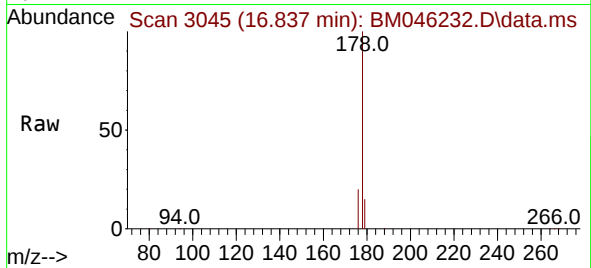
Tgt Ion:166 Resp: 42879
Ion Ratio Lower Upper
166 100
165 98.3 80.4 120.6
167 13.6 12.4 18.6





#15
Phenanthrene
Concen: 22.891 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

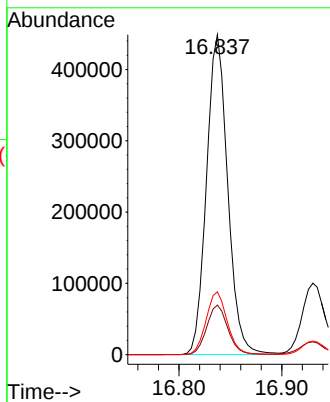
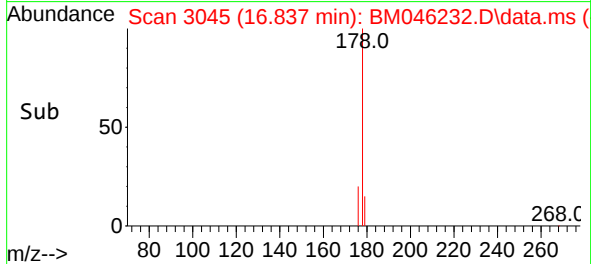
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:178 Resp: 644668
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7

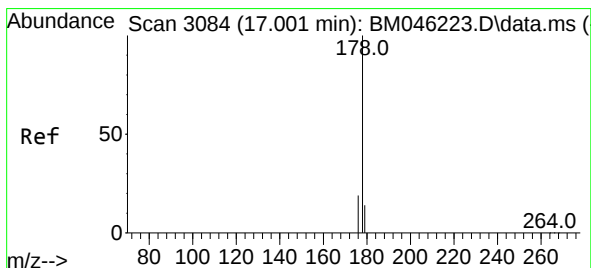
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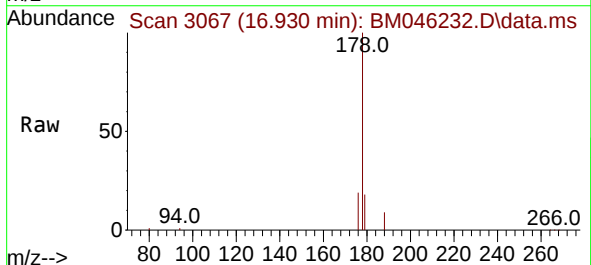


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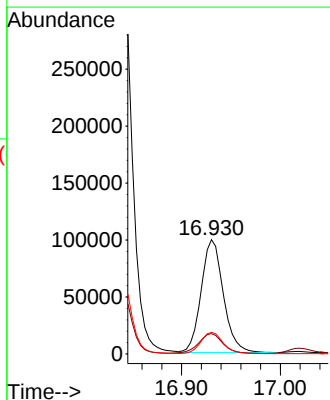
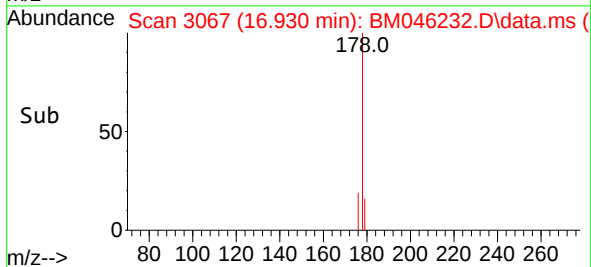
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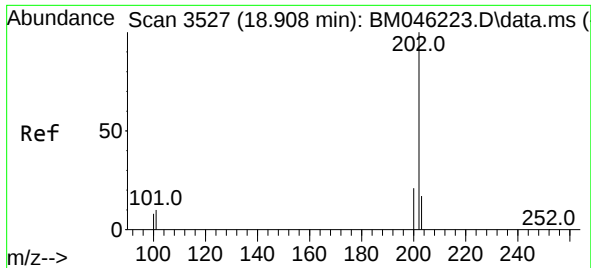


#16
Anthracene
Concen: 7.351 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13



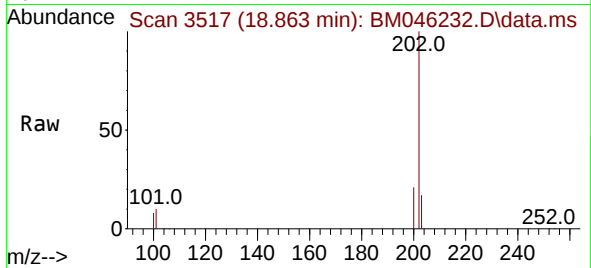
Tgt Ion:178 Resp: 154192
Ion Ratio Lower Upper
178 100
179 17.8 14.9 22.3
176 19.0 17.0 25.4





#19
Fluoranthene
Concen: 26.117 ng/u1
RT: 18.863 min Scan# 31
Delta R.T. -0.054 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

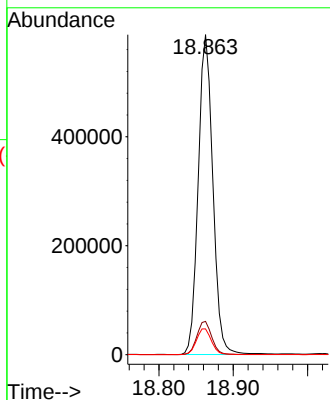
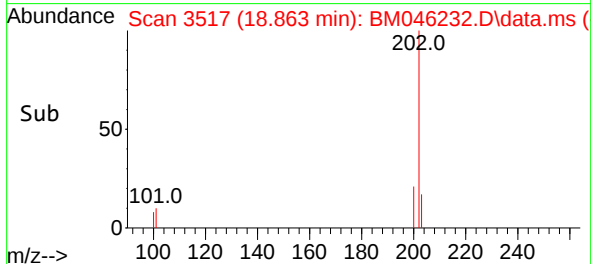
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:202 Resp: 803554
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 7.6 11.4

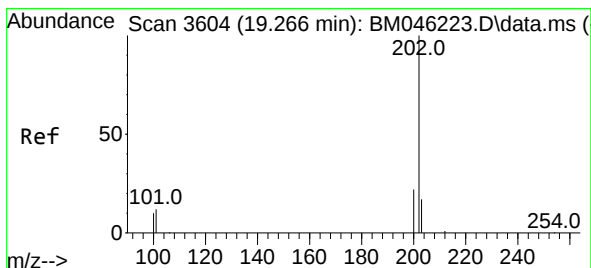
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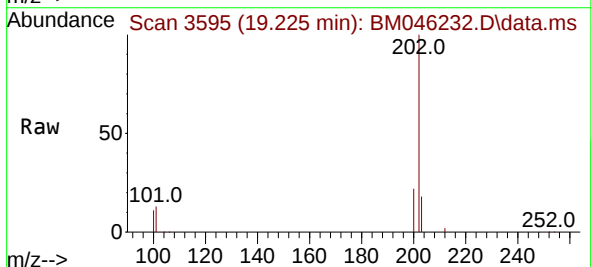


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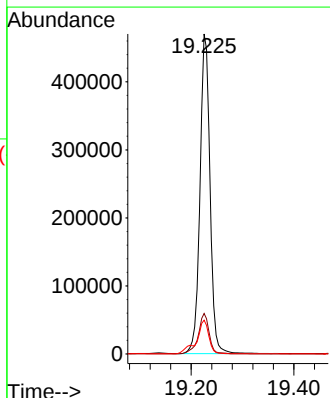
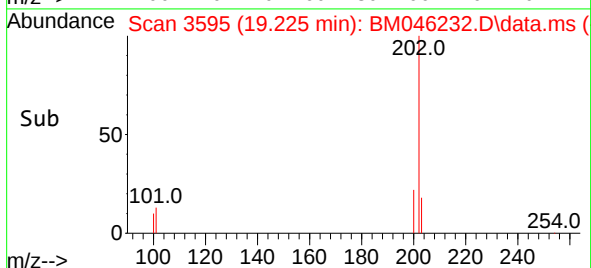
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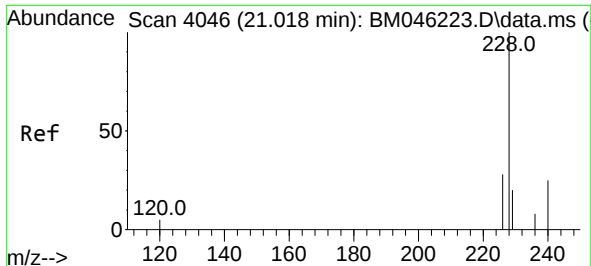


#20
Pyrene
Concen: 19.198 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13



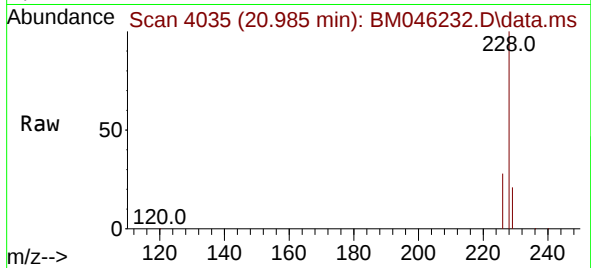
Tgt Ion:202 Resp: 638795
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 10.391 ng/ul
RT: 20.985 min Scan# 4046
Delta R.T. -0.044 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

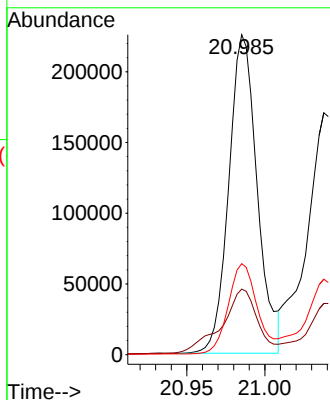
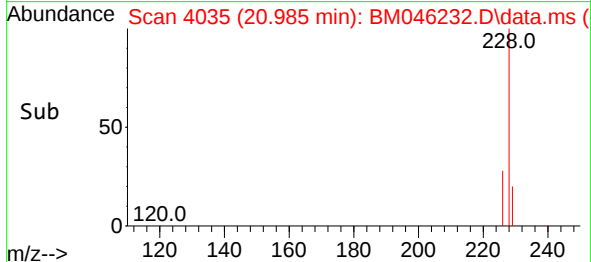
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:228 Resp: 28520
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.4 23.4 35.2

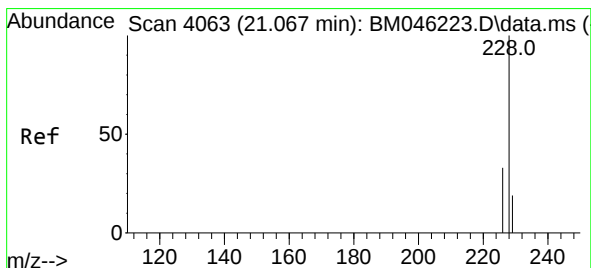
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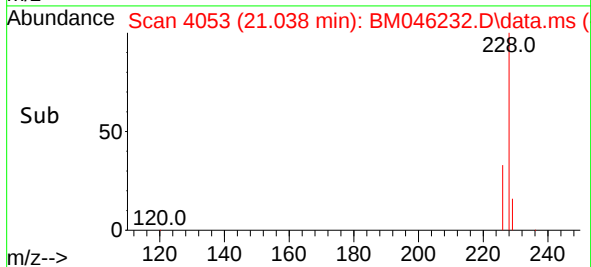
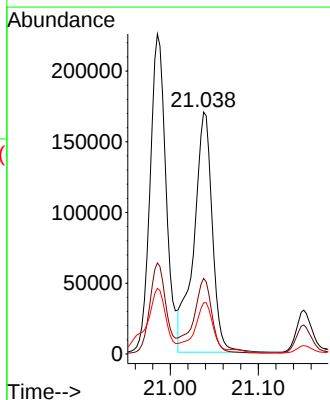
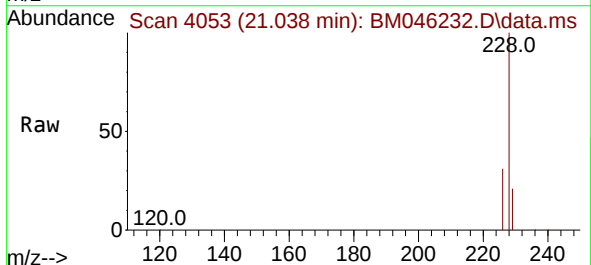
06/24/2024
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Upadhyay

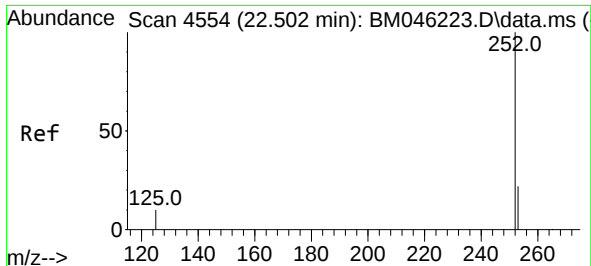
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#22
Chrysene
Concen: 7.070 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

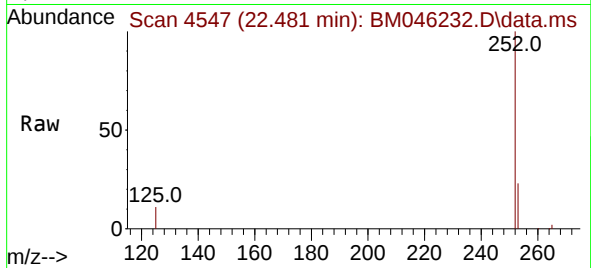
Tgt Ion:228 Resp: 247666
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 10.210 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

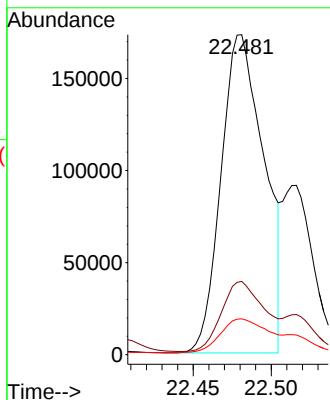
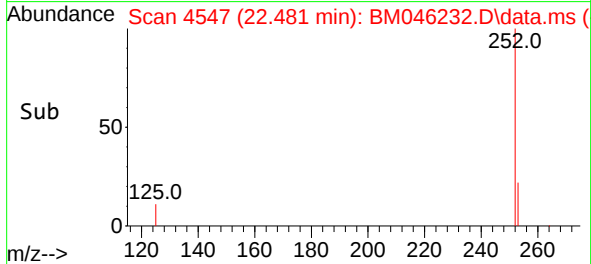
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:252 Resp: 332450
Ion Ratio Lower Upper
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253 22.9 0.0 65.8
125 11.2 0.0 40.2

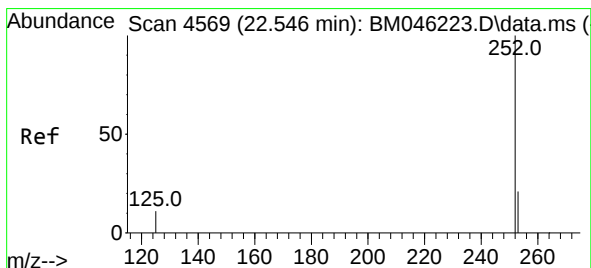
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Supervised By :Jagrut Upadhyay 06/24/2024

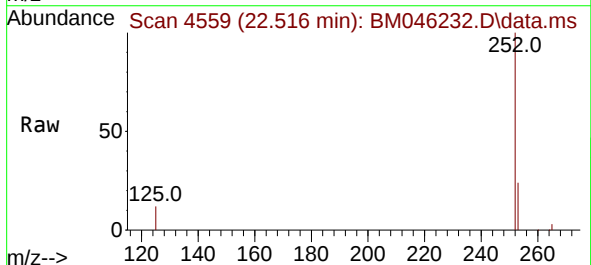


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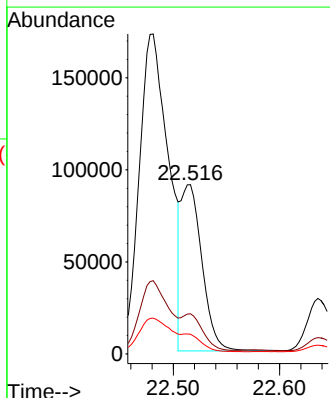
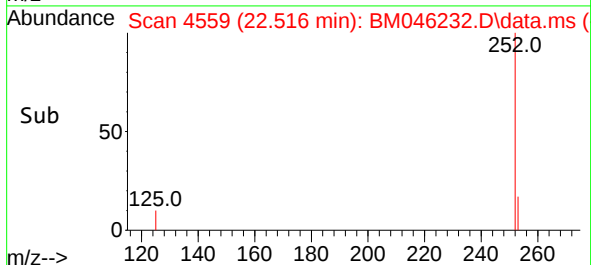
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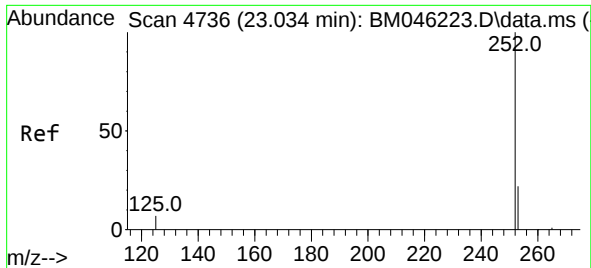


#25
Benzo(k)fluoranthene
Concen: 3.199 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13



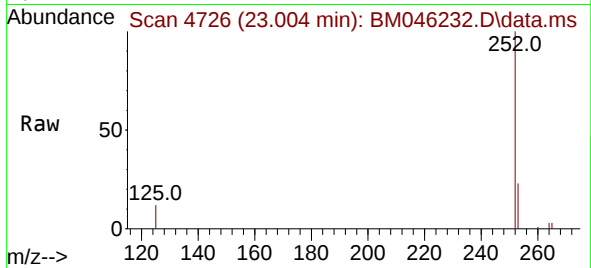
Tgt Ion:252 Resp: 123839
Ion Ratio Lower Upper
252 100
253 23.8 27.2 40.8#
125 11.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 8.467 ng/ul
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

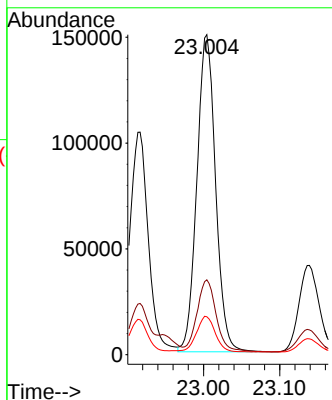
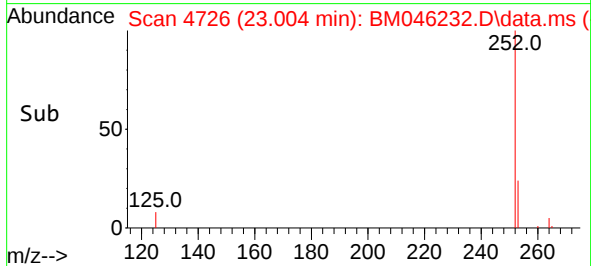
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:252 Resp: 25546
Ion Ratio Lower Upper
252 100
253 23.4 32.1 48.1
125 11.9 21.2 31.8

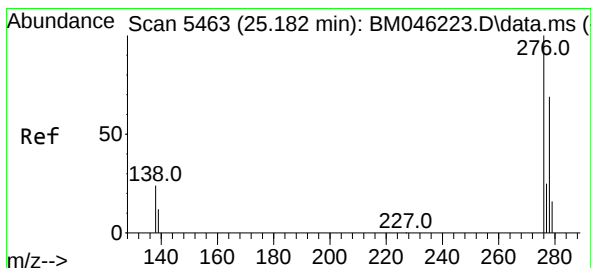
Manual Integrations
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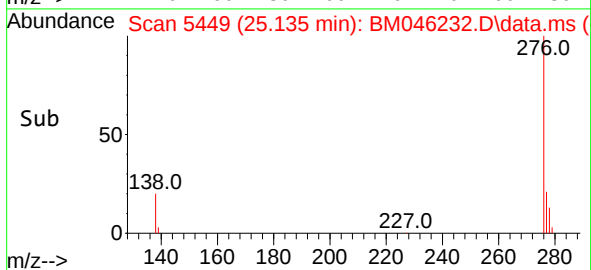
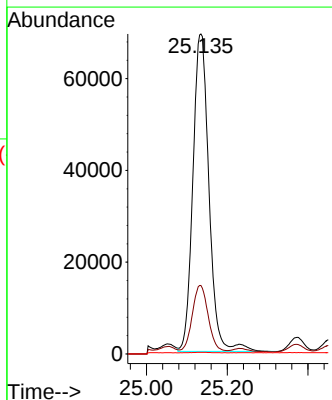
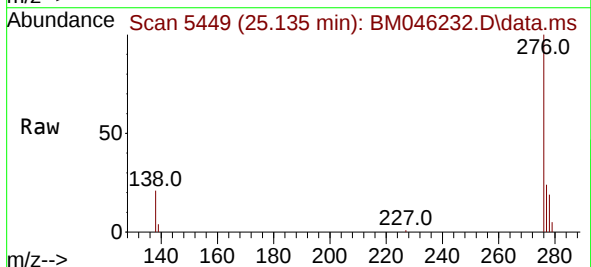
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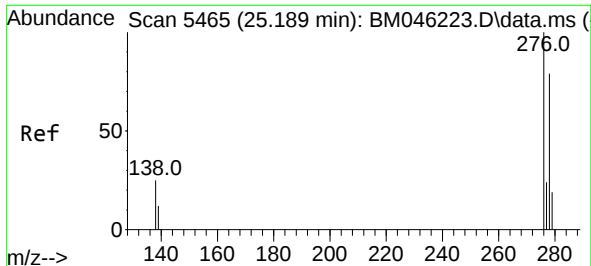
06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.877 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.067 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

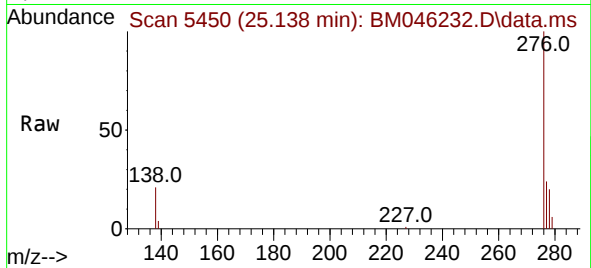
Tgt Ion:276 Resp: 191455
Ion Ratio Lower Upper
276 100
138 19.7 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.060 ng/ul
RT: 25.138 min Scan# 5465
Delta R.T. -0.078 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

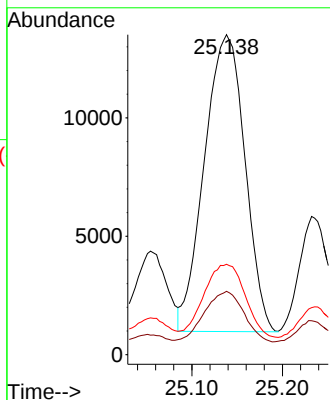
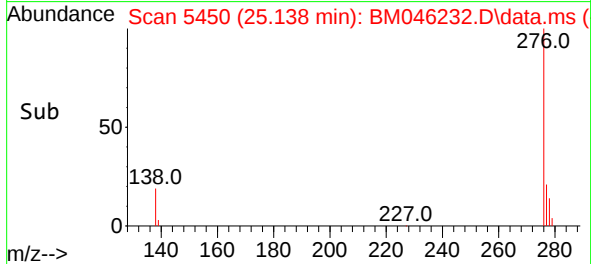
Instrument :
BNA_M
ClientSampleId :
A4CA7



Tgt Ion:278 Resp: 3898
Ion Ratio Lower Upper
278 100
139 19.8 17.6 26.4
279 28.2 26.3 39.5

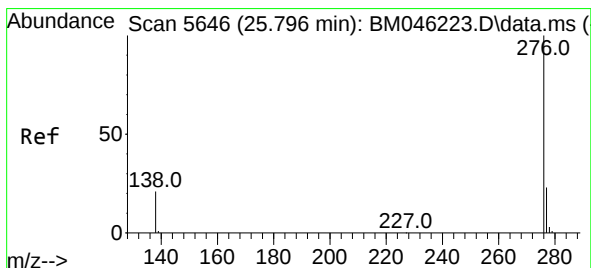
Manual Integrations
APPROVED

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Supervised By :Jagrut
Upadhyay

06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 4.771 ng/ul
RT: 25.755 min Scan# 5634
Delta R.T. -0.074 min
Lab File: BM046232.D
Acq: 23 Jun 2024 13:13

Tgt Ion:276 Resp: 202019
Ion Ratio Lower Upper
276 100
138 22.1 21.7 32.5
277 24.1 20.4 30.6

