

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046134.D
 Acq On : 20 Jun 2024 21:51
 Operator : MA/JU
 Sample : P2710-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B23

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:49:18 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2797	0.400	ng/ul	#-0.04
4) Naphthalene-d8	10.189	136	8001	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	4595	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.808	188	9660m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6358m	0.400	ng/ul	-0.04
23) Perylene-d12	23.107	264	10954	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	16440	4.284	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.800	152	3753	0.349	ng/ul	-0.06
18) Fluoranthene-d10	18.844	212	9360	0.492	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	47290	2.119	ng/ul#	92
7) 2-Methylnaphthalene	11.871	142	29073	2.315	ng/ul	97
8) 1-Methylnaphthalene	12.091	142	23179	1.682	ng/ul	100
10) Acenaphthylene	13.785	152	32401	1.487	ng/ul	97
11) Acenaphthene	14.127	153	91474	5.814	ng/ul	97
12) Fluorene	15.122	166	69201	4.099	ng/ul	99
15) Phenanthrene	16.850	178	1687080m	62.162	ng/ul	
16) Anthracene	16.943	178	199133m	9.852	ng/ul	
19) Fluoranthene	18.877	202	2314345	84.069	ng/ul	96
20) Pyrene	19.239	202	1694613	56.921	ng/ul	96
21) Benzo(a)anthracene	20.991	228	892359m	36.336	ng/ul	
22) Chrysene	21.046	228	995691	31.769	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	1200830m	30.428	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	439882m	9.375	ng/ul	
26) Benzo(a)pyrene	23.013	252	456425m	12.481	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.148	276	414613	6.927	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	142641	3.201	ng/ul	91
29) Benzo(g,h,i)perylene	25.772	276	57705	1.124	ng/ul	97

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

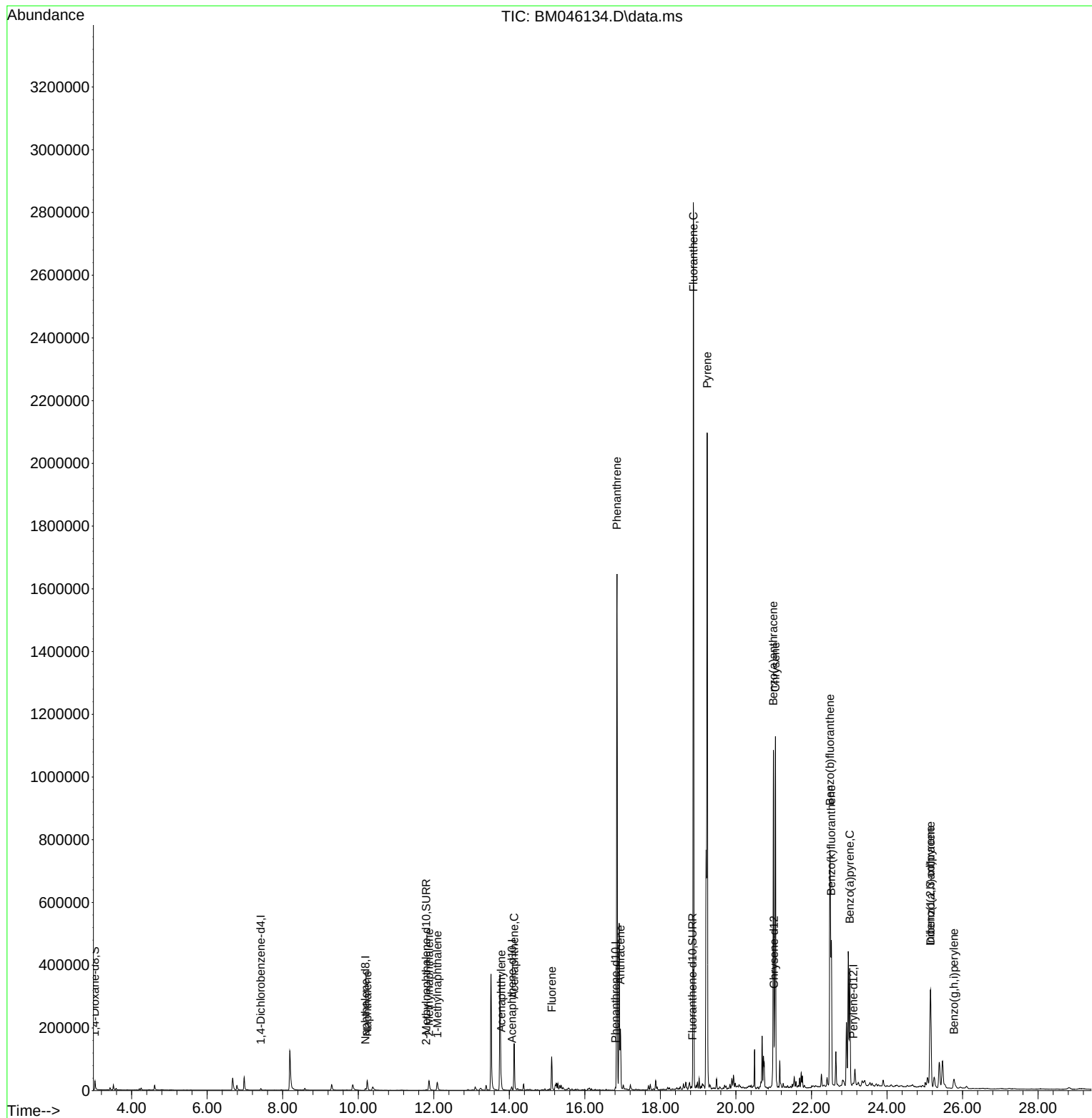
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046134.D
Acq On : 20 Jun 2024 21:51
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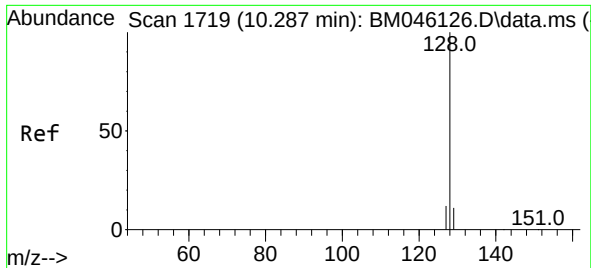
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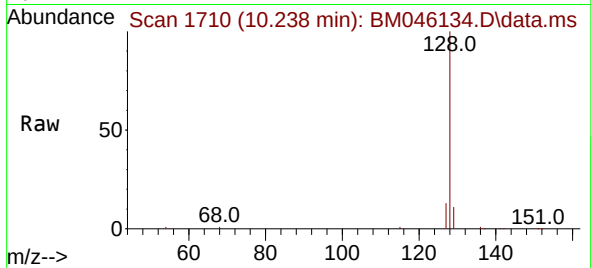
Quant Time: Jun 21 02:49:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 2.119 ng/ul
RT: 10.238 min Scan# 11
Delta R.T. -0.065 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

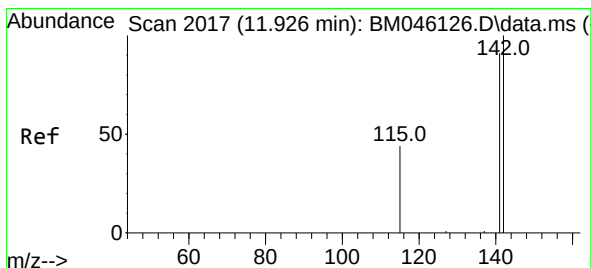
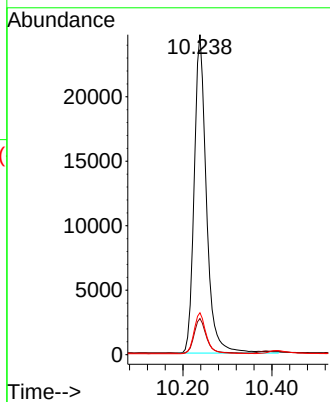
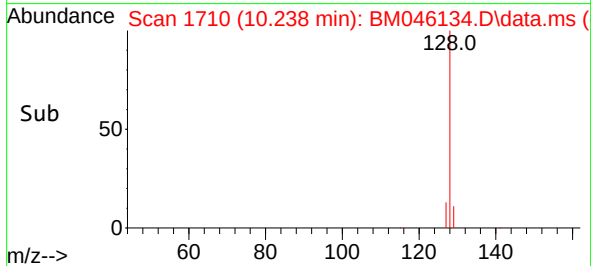
Instrument :
BNA_M
ClientSampleId :
A4B23



Tgt Ion:128 Resp: 47290
Ion Ratio Lower Upper
128 100
129 11.3 11.8 17.6
127 13.1 12.8 19.2

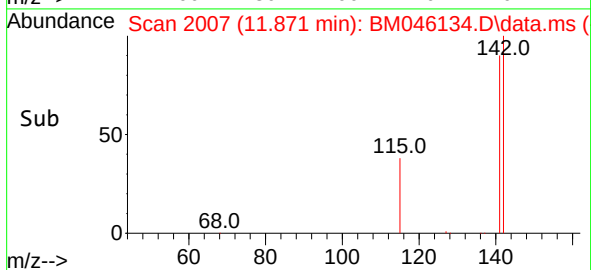
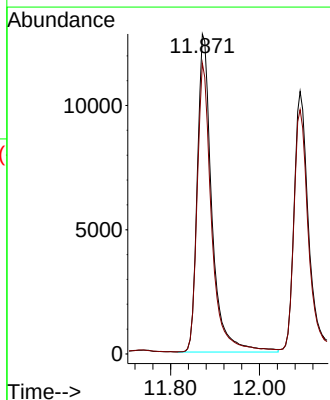
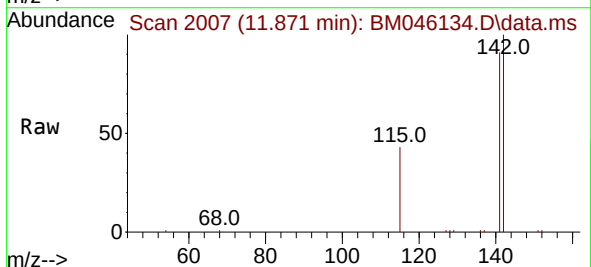
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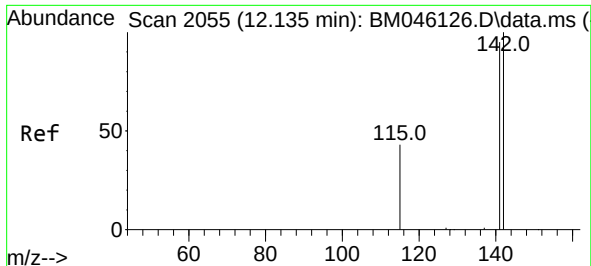
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 2.315 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

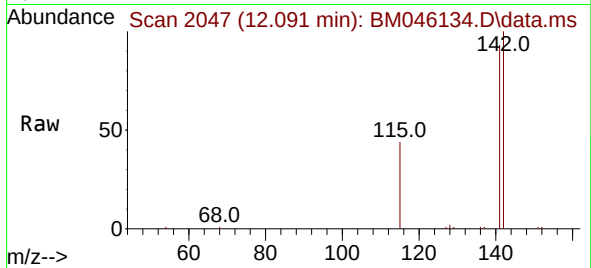
Tgt Ion:142 Resp: 29073
Ion Ratio Lower Upper
142 100
141 90.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 1.682 ng/ul
RT: 12.091 min Scan# 2055
Delta R.T. -0.059 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

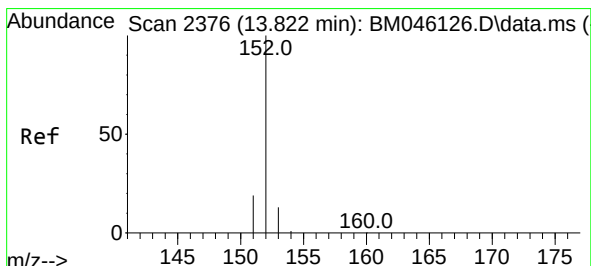
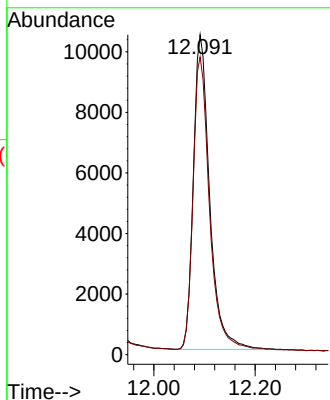
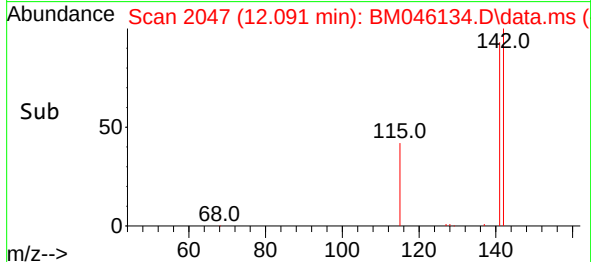
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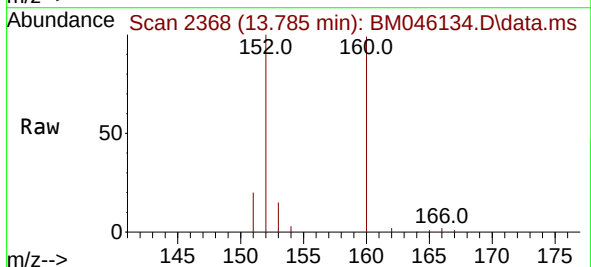
Tgt Ion:142 Resp: 23179
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8

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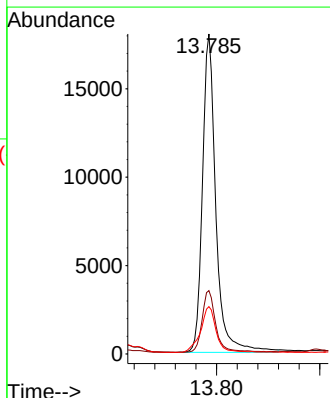
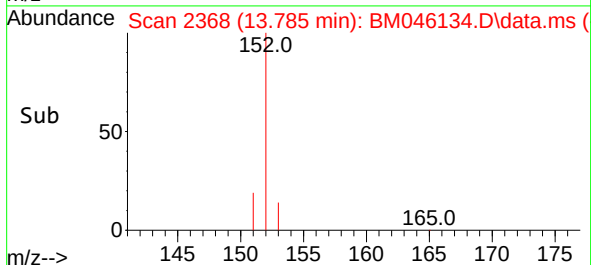
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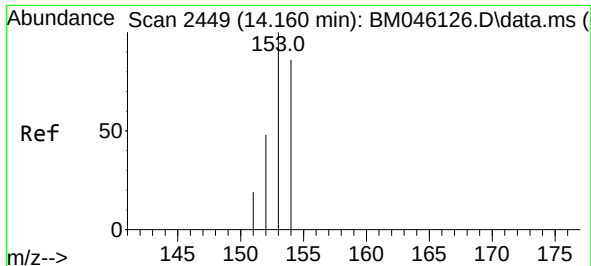


#10
Acenaphthylene
Concen: 1.487 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51



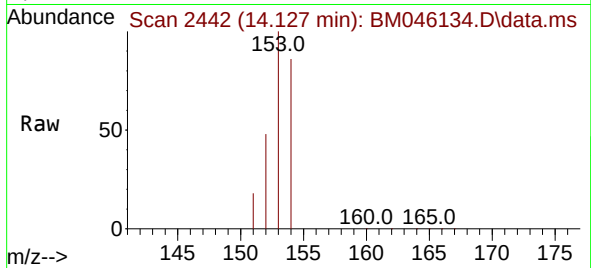
Tgt Ion:152 Resp: 32401
Ion Ratio Lower Upper
152 100
151 19.8 17.4 26.2
153 14.8 11.8 17.8





#11
Acenaphthene
Concen: 5.814 ng/uI
RT: 14.127 min Scan# 2449
Delta R.T. -0.045 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

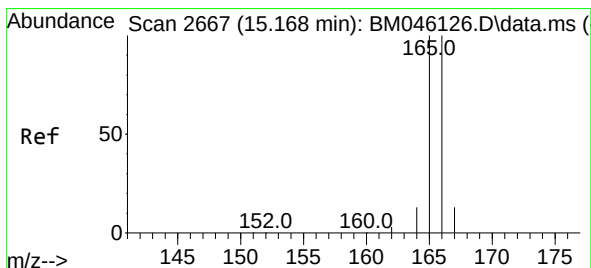
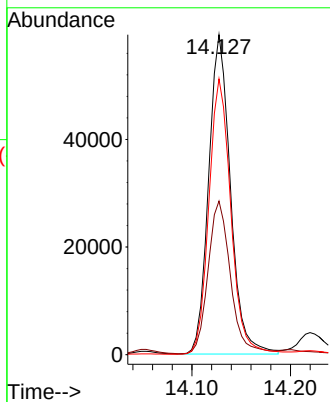
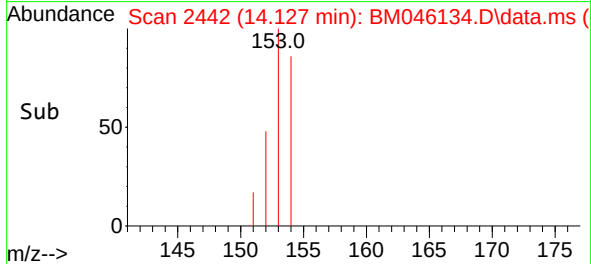
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 91474
Ion Ratio Lower Upper
153 100
152 48.0 41.3 61.9
154 86.2 68.2 102.4

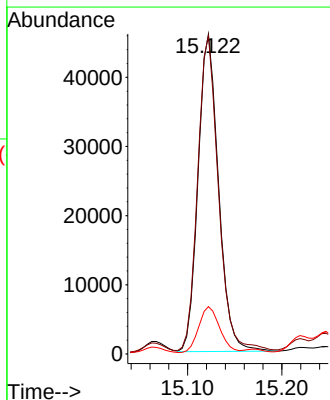
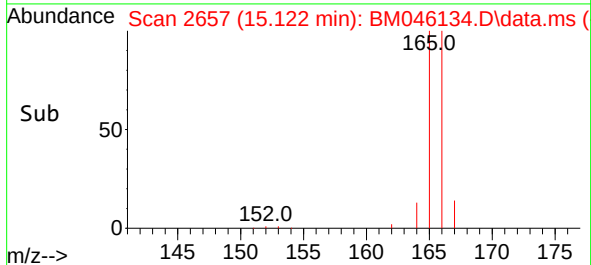
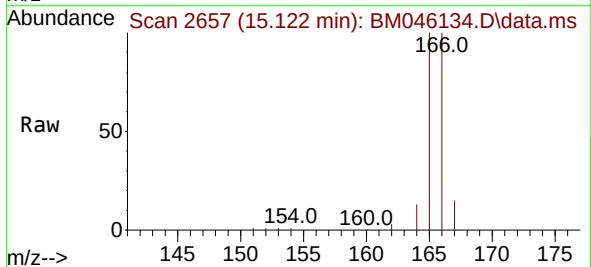
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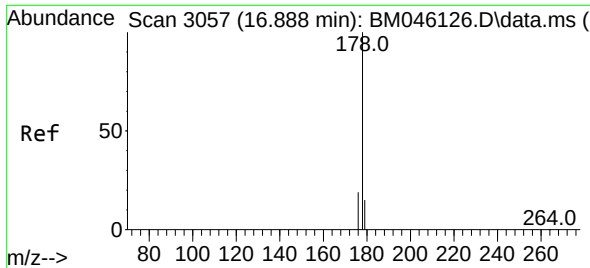
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 4.099 ng/uI
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046134.D
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Tgt Ion:166 Resp: 69201
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 14.8 12.4 18.6





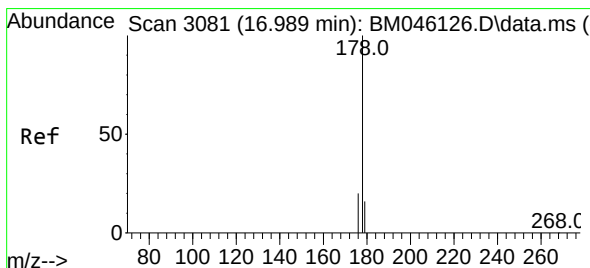
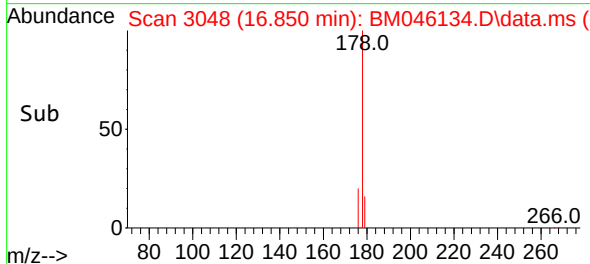
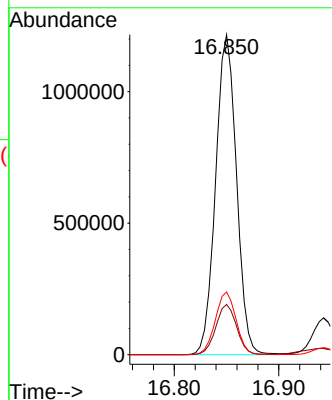
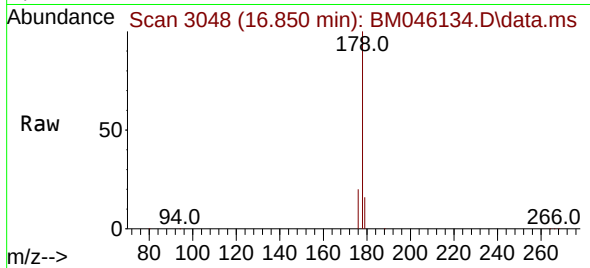
#15
Phenanthrene
Concen: 62.162 ng/ul m
RT: 16.850 min Scan# 3057
Delta R.T. -0.054 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

Instrument :
BNA_M
ClientSampleId :
A4B23

Tgt Ion:178 Resp: 1687080
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.6 17.1 25.7

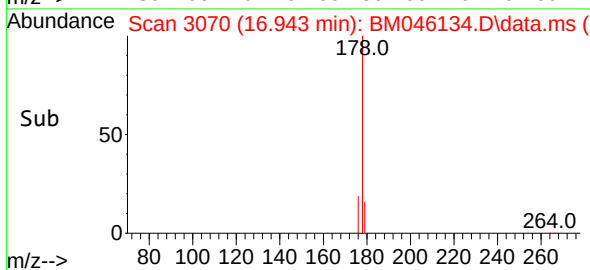
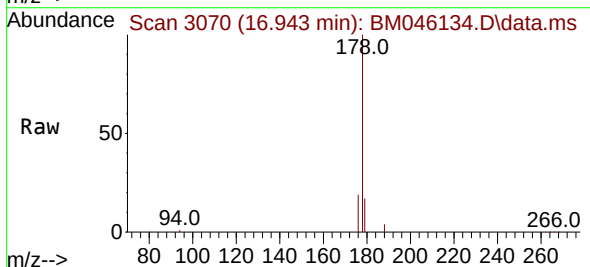
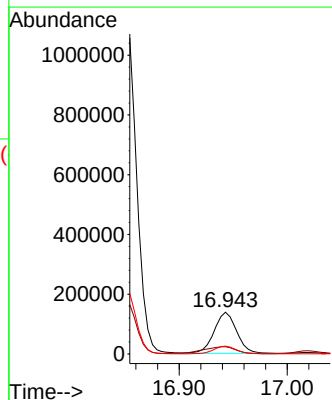
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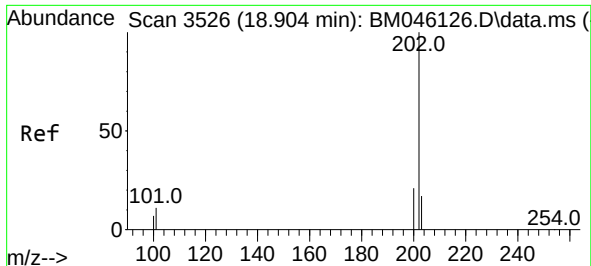
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 9.852 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

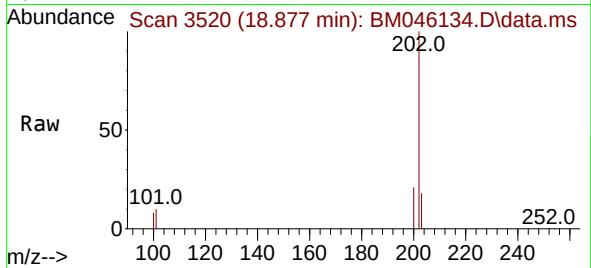
Tgt Ion:178 Resp: 199133
Ion Ratio Lower Upper
178 100
179 17.2 14.9 22.3
176 18.9 17.0 25.4





#19
Fluoranthene
Concen: 84.069 ng/u1
RT: 18.877 min Scan# 3520
Delta R.T. -0.040 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

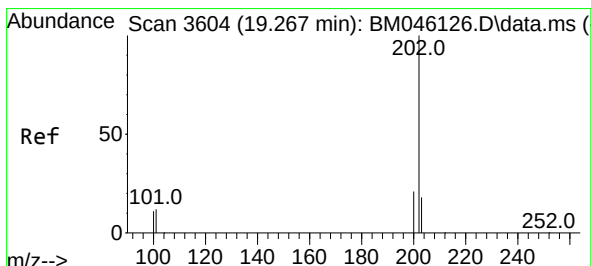
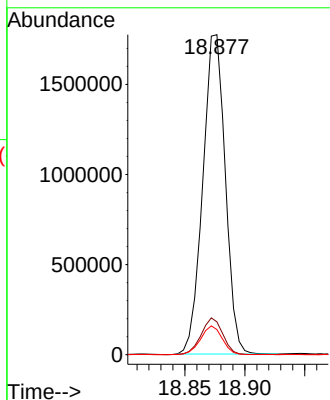
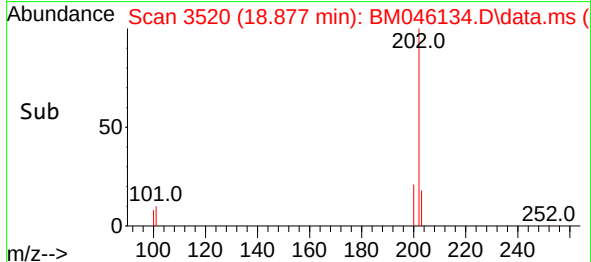
Instrument :
BNA_M
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A4B23



Tgt Ion:202 Resp: 231434
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 7.8 7.6 11.4

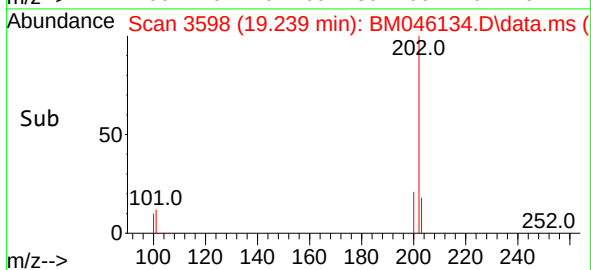
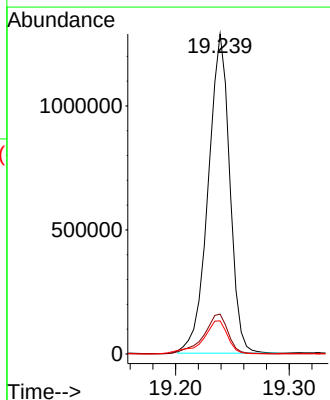
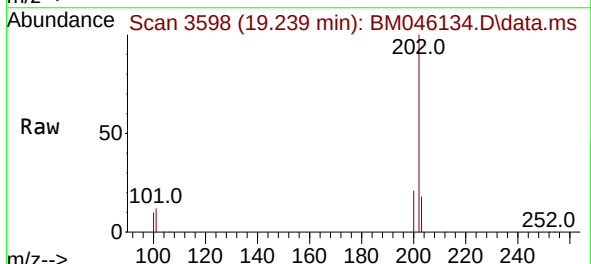
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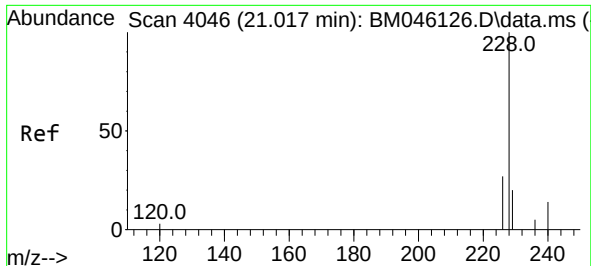
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 56.921 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

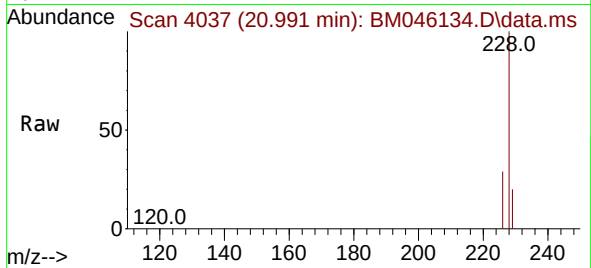
Tgt Ion:202 Resp: 1694613
Ion Ratio Lower Upper
202 100
101 12.4 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 36.336 ng/ul m
RT: 20.991 min Scan# 4046
Delta R.T. -0.038 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

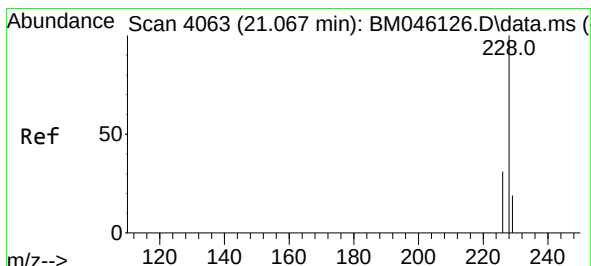
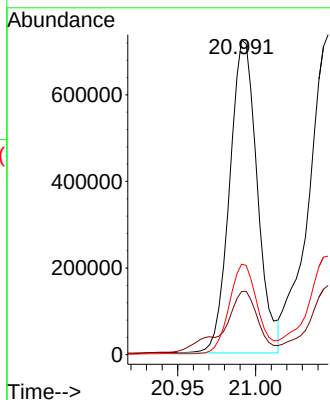
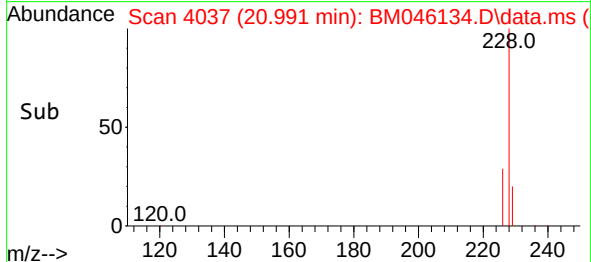
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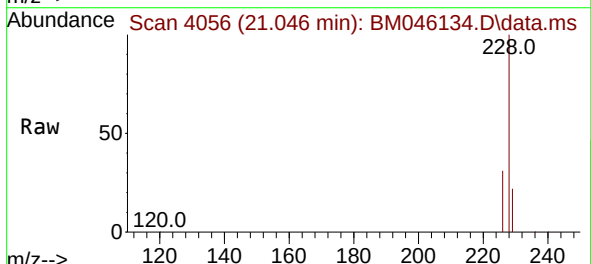
Tgt Ion:228 Resp: 892359
Ion Ratio Lower Upper
228 100
229 20.1 16.4 24.6
226 28.7 23.4 35.2

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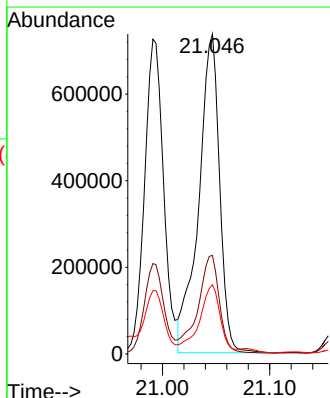
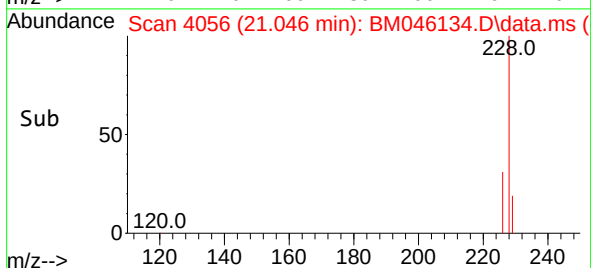
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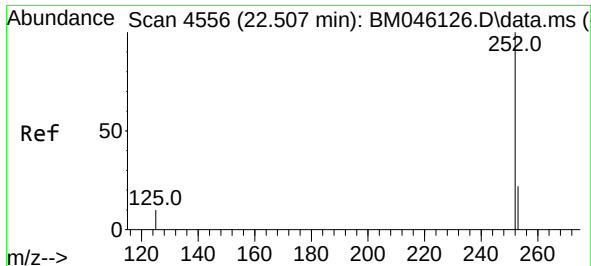


#22
Chrysene
Concen: 31.769 ng/ul
RT: 21.046 min Scan# 4056
Delta R.T. -0.030 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51



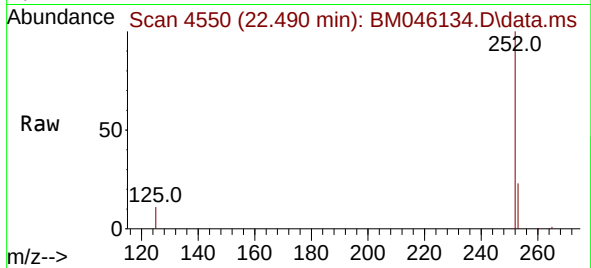
Tgt Ion:228 Resp: 995691
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 30.428 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

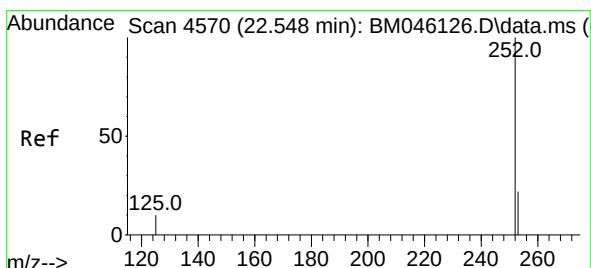
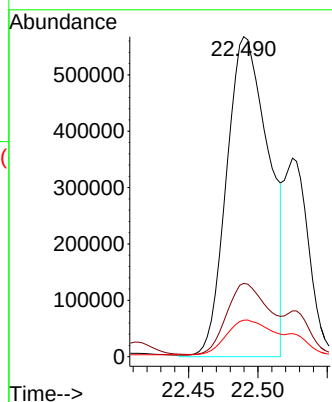
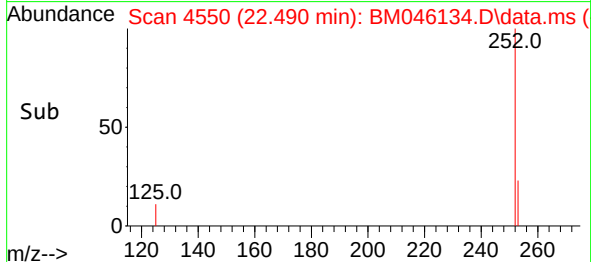
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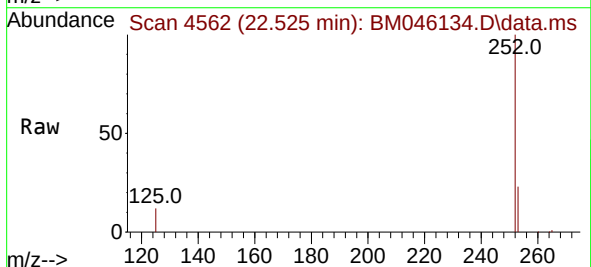
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Ion Ratio Lower Upper
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253 22.9 0.0 65.8
125 11.4 0.0 40.2

Manual Integrations
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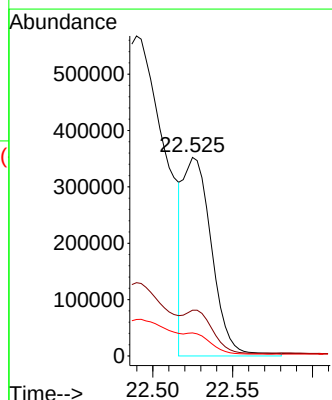
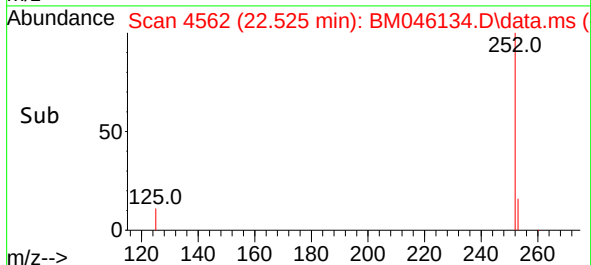
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

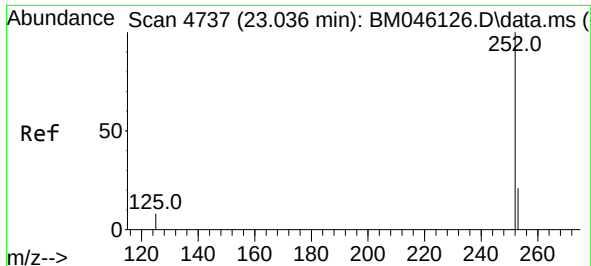


#25
Benzo(k)fluoranthene
Concen: 9.375 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51



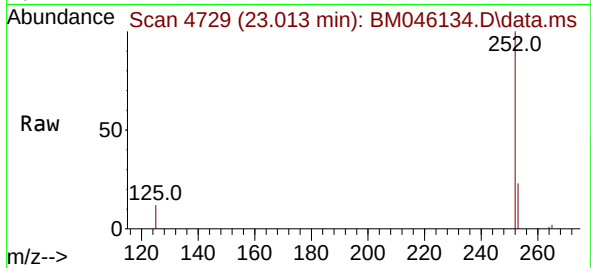
Tgt Ion:252 Resp: 439882
Ion Ratio Lower Upper
252 100
253 23.0 27.2 40.8#
125 11.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 12.481 ng/ul m
RT: 23.013 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

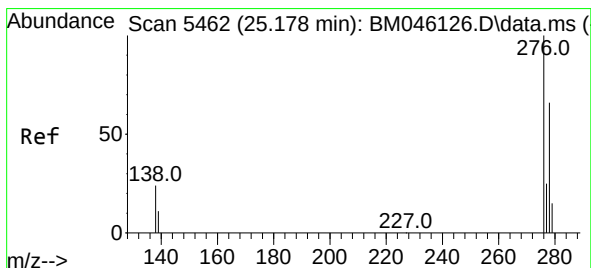
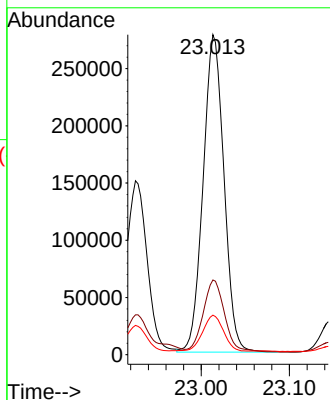
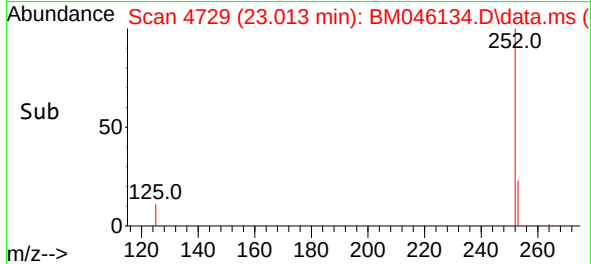
Instrument :
BNA_M
ClientSampleId :
A4B23



Tgt Ion:252 Resp: 456425
Ion Ratio Lower Upper
252 100
253 23.4 32.1 48.1
125 12.3 21.2 31.8

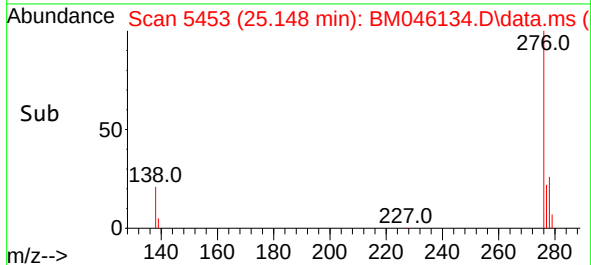
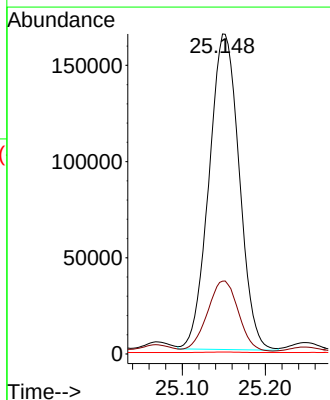
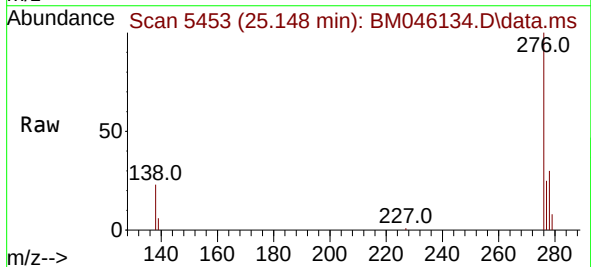
Manual Integrations
APPROVED

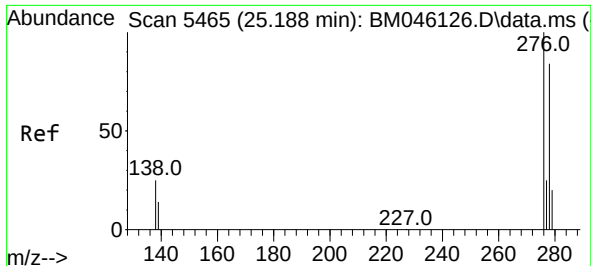
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.927 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

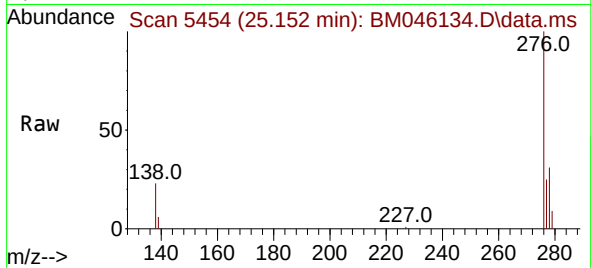
Tgt Ion:276 Resp: 414613
Ion Ratio Lower Upper
276 100
138 22.7 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 3.201 ng/ul
RT: 25.152 min Scan# 5465
Delta R.T. -0.064 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51

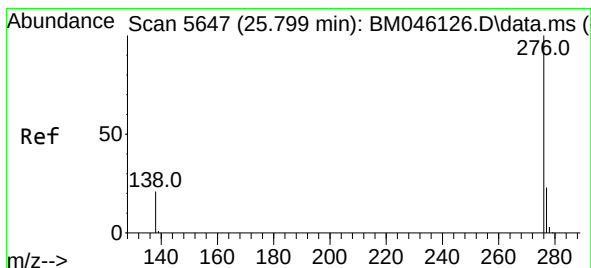
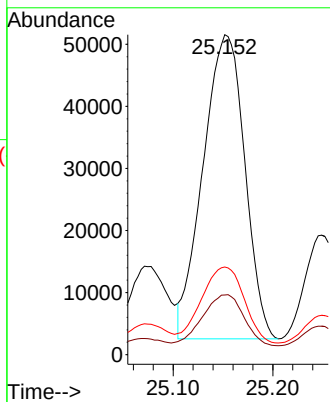
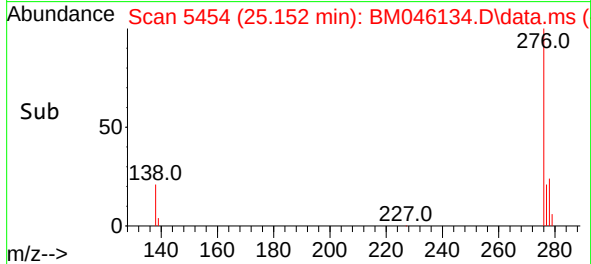
Instrument :
BNA_M
ClientSampleId :
A4B23



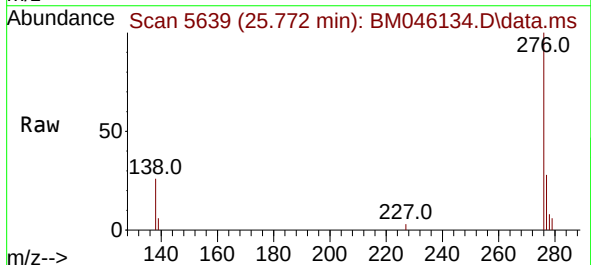
Tgt Ion:278 Resp: 14264
Ion Ratio Lower Upper
278 100
139 18.7 17.6 26.4
279 27.4 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.124 ng/ul
RT: 25.772 min Scan# 5639
Delta R.T. -0.057 min
Lab File: BM046134.D
Acq: 20 Jun 2024 21:51



Tgt Ion:276 Resp: 57705
Ion Ratio Lower Upper
276 100
138 26.2 21.7 32.5
277 27.6 20.4 30.6

