

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046247.D
 Acq On : 24 Jun 2024 11:24
 Operator : MA/JU
 Sample : P2775-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 12:38:48 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	1642	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.178	136	5062	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	2886	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	16.795	188	6493m	0.400	ng/ul	-0.07
17) Chrysene-d12	21.000	240	5003m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	5632m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	8475	3.762	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.800	152	2161	0.318	ng/ul	-0.06
18) Fluoranthene-d10	18.830	212	5367	0.358	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.227	128	3548	0.251	ng/ul	99
7) 2-Methylnaphthalene	11.871	142	1101	0.139	ng/ul	93
8) 1-Methylnaphthalene	12.086	142	930	0.107	ng/ul	98
10) Acenaphthylene	13.771	152	8080	0.590	ng/ul	99
11) Acenaphthene	14.118	153	4860	0.492	ng/ul	99
12) Fluorene	15.108	166	5645	0.532	ng/ul	99
15) Phenanthrene	16.837	178	133613m	7.324	ng/ul	
16) Anthracene	16.930	178	24288m	1.788	ng/ul	
19) Fluoranthene	18.858	202	331817	15.318	ng/ul	97
20) Pyrene	19.225	202	237525	10.139	ng/ul	95
21) Benzo(a)anthracene	20.982	228	139964	7.243	ng/ul	99
22) Chrysene	21.035	228	158589	6.430	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	230972m	11.383	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	92641m	3.840	ng/ul	
26) Benzo(a)pyrene	22.998	252	87312	4.644	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.131	276	92739	3.014	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.135	278	27461	1.199	ng/ul	91
29) Benzo(g,h,i)perylene	25.752	276	12439	0.471	ng/ul	95

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

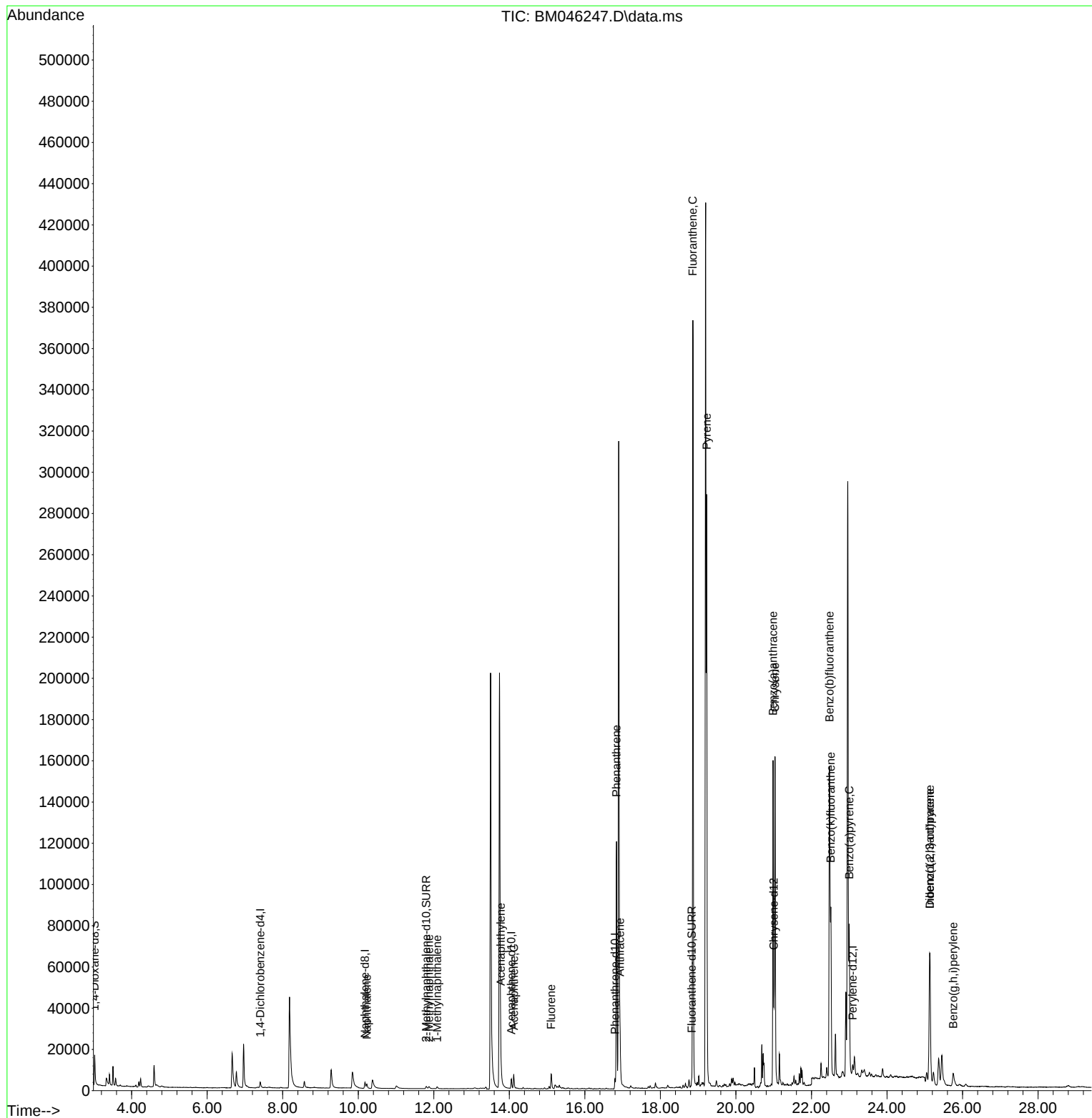
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046247.D
Acq On : 24 Jun 2024 11:24
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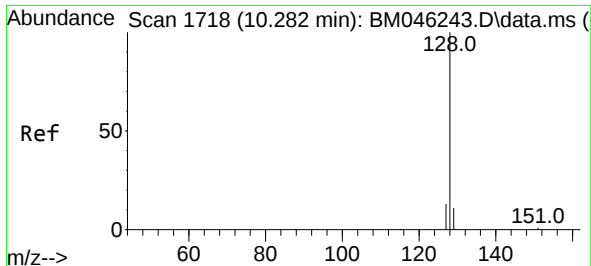
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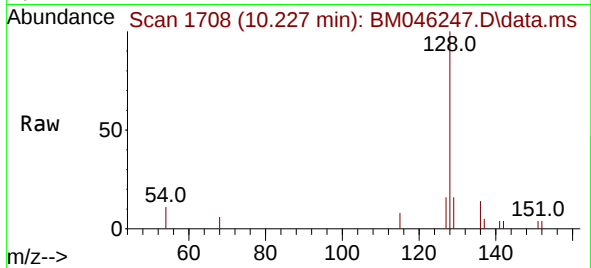
Quant Time: Jun 24 12:38:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.227 min Scan# 11
Delta R.T. -0.076 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

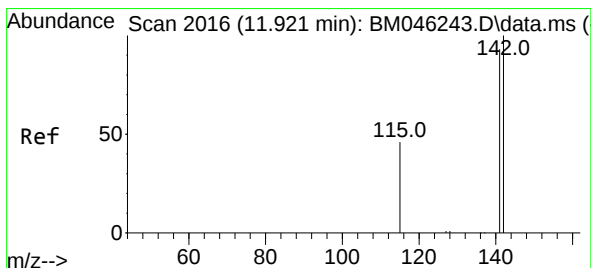
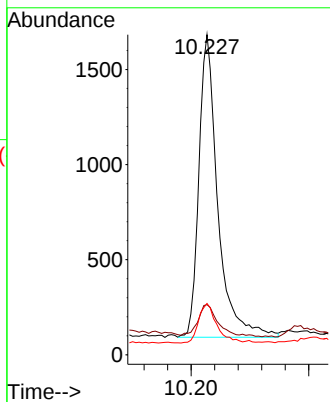
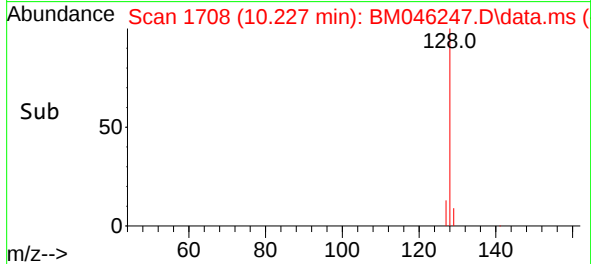
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:128 Resp: 3548
Ion Ratio Lower Upper
128 100
129 15.7 11.8 17.6
127 16.0 12.8 19.2

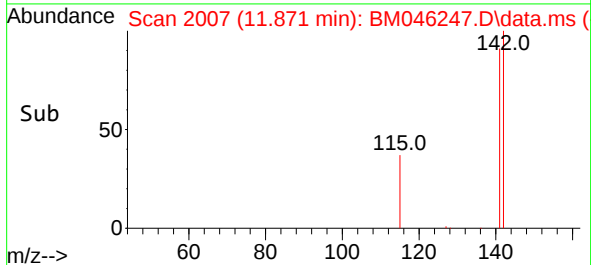
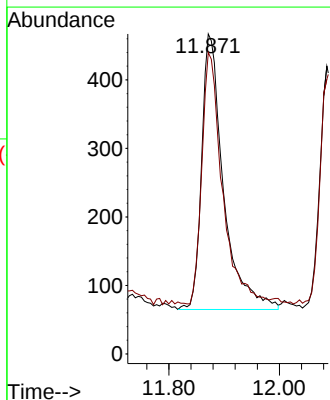
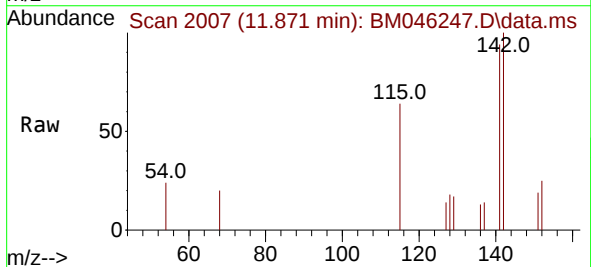
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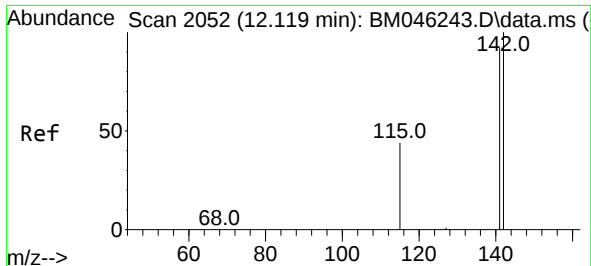
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

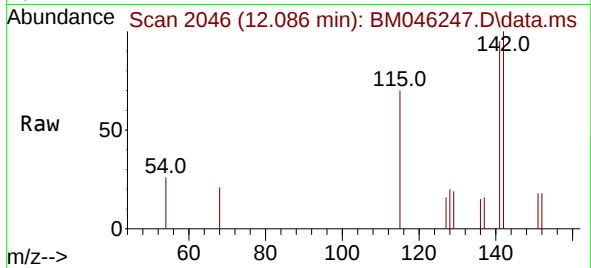
Tgt Ion:142 Resp: 1101
Ion Ratio Lower Upper
142 100
141 86.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.086 min Scan# 2052
Delta R.T. -0.065 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

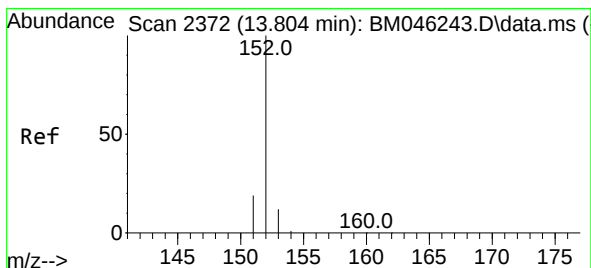
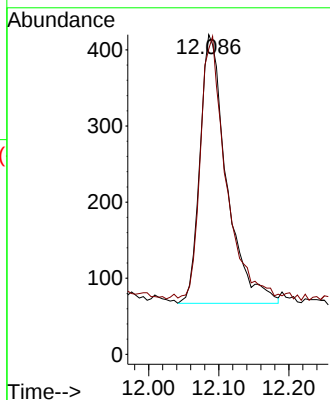
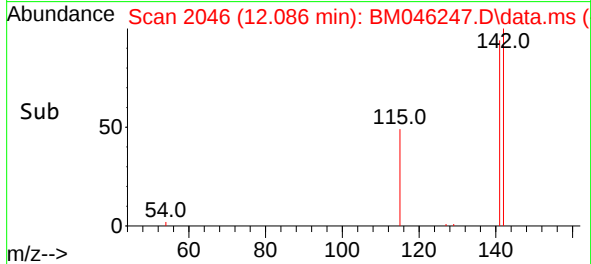
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:142 Resp: 930
Ion Ratio Lower Upper
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141 96.3 75.2 112.8

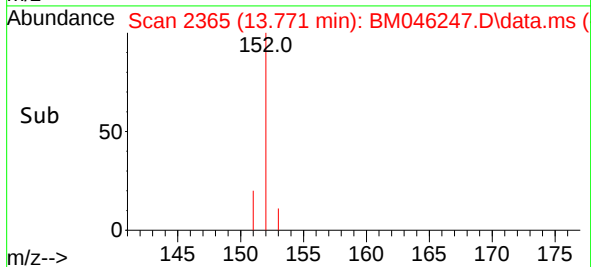
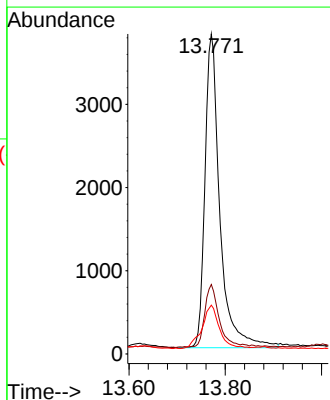
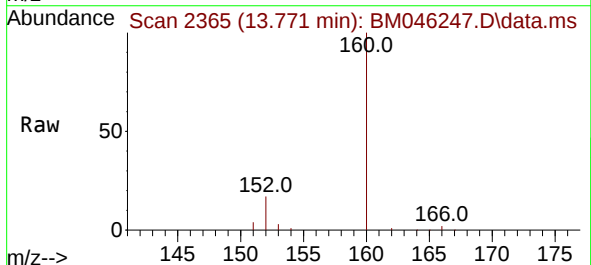
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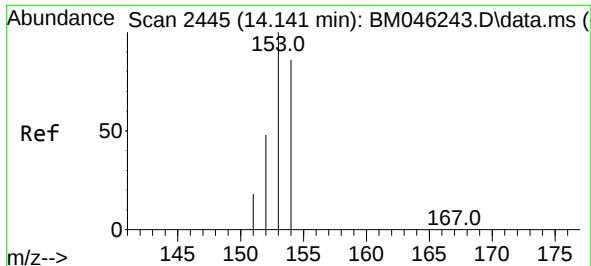
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.590 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

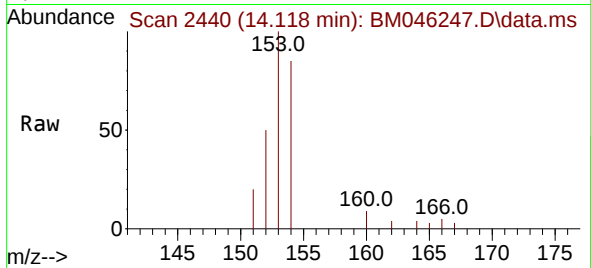
Tgt Ion:152 Resp: 8080
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2
153 15.3 11.8 17.8





#11
Acenaphthene
Concen: 0.492 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.054 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

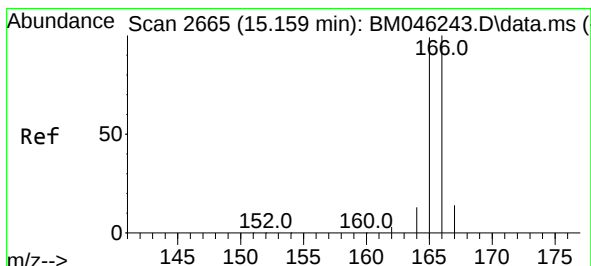
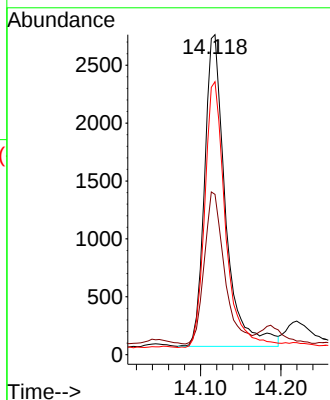
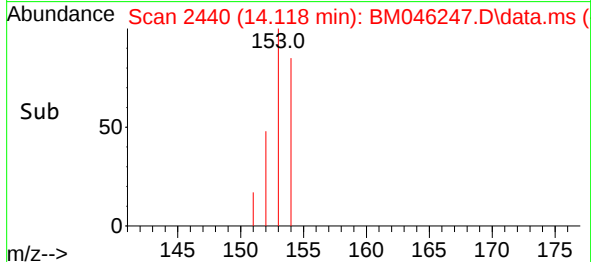
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:153 Resp: 4860
Ion Ratio Lower Upper
153 100
152 50.1 41.3 61.9
154 85.3 68.2 102.4

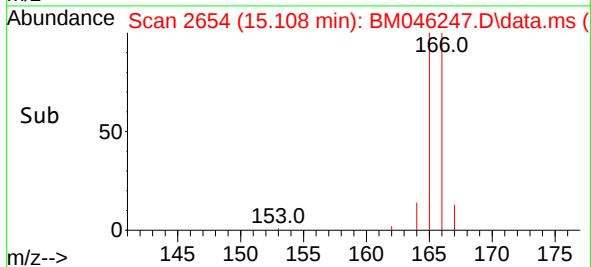
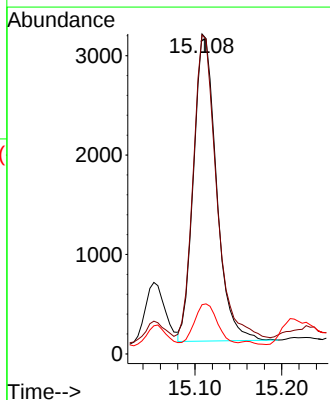
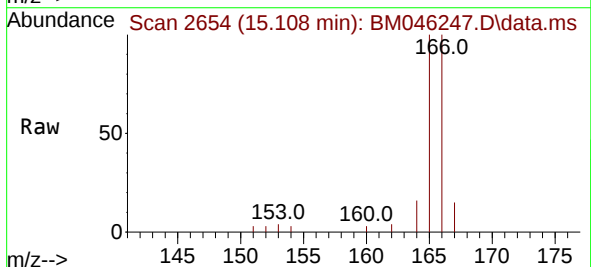
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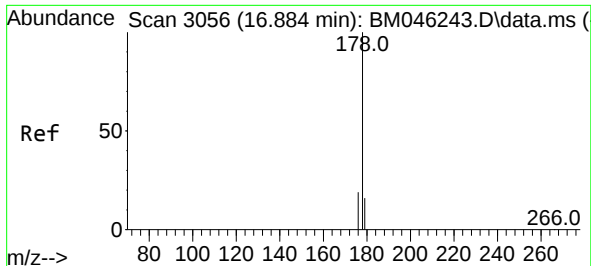
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.532 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

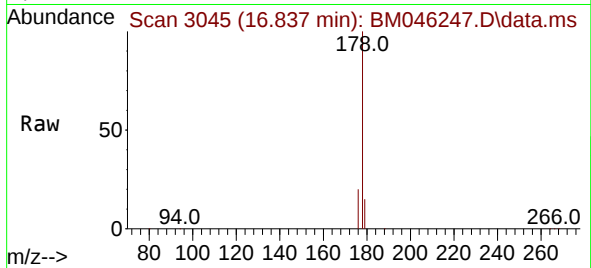
Tgt Ion:166 Resp: 5645
Ion Ratio Lower Upper
166 100
165 99.7 80.4 120.6
167 15.4 12.4 18.6





#15
Phenanthrene
Concen: 7.324 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

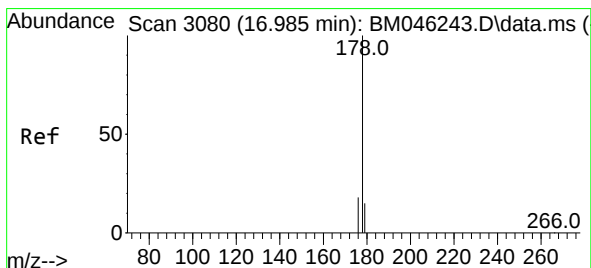
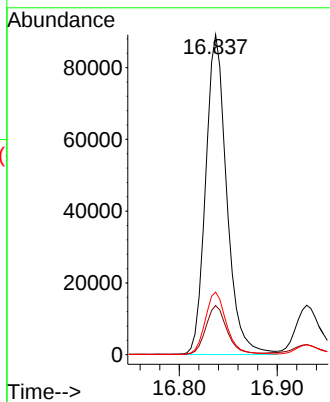
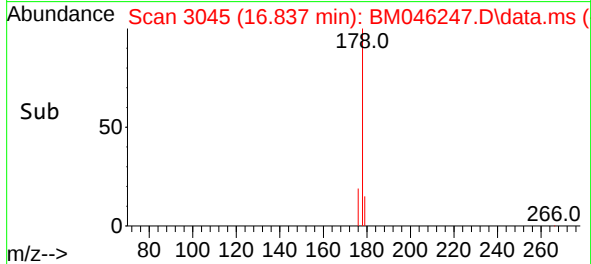
Instrument :
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ClientSampleId :
A4BQ3



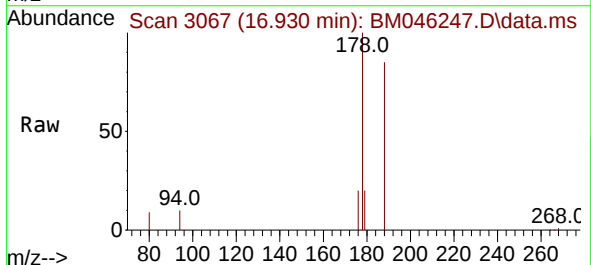
Tgt Ion:178 Resp: 13361
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.5 17.1 25.7

Manual Integrations
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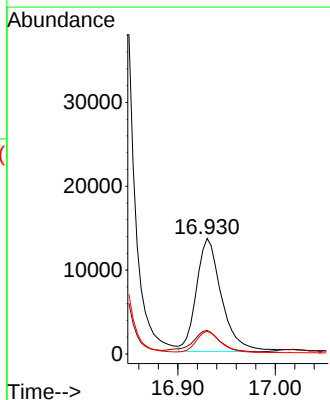
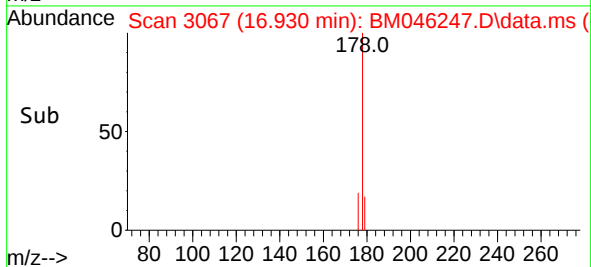
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

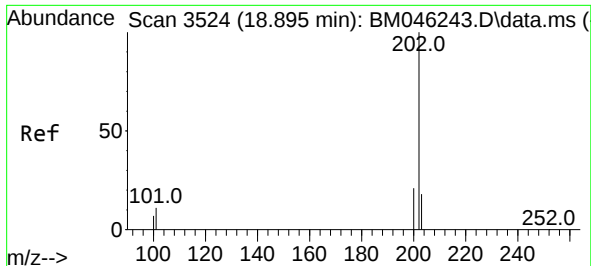


#16
Anthracene
Concen: 1.788 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24



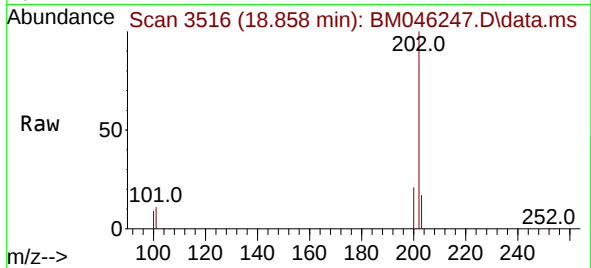
Tgt Ion:178 Resp: 24288
Ion Ratio Lower Upper
178 100
179 20.3 14.9 22.3
176 19.7 17.0 25.4





#19
Fluoranthene
Concen: 15.318 ng/u1
RT: 18.858 min Scan# 3516
Delta R.T. -0.059 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

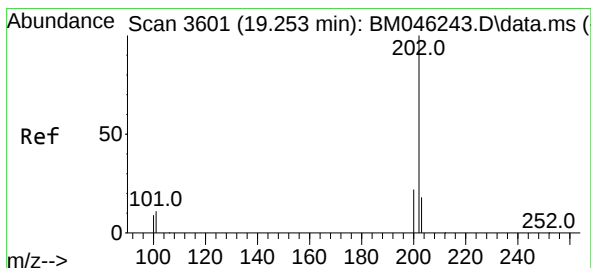
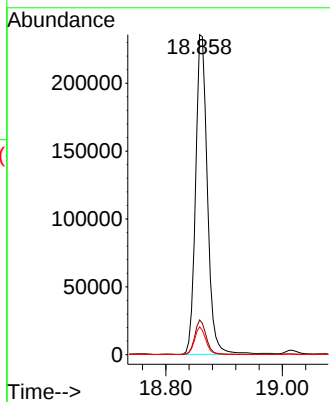
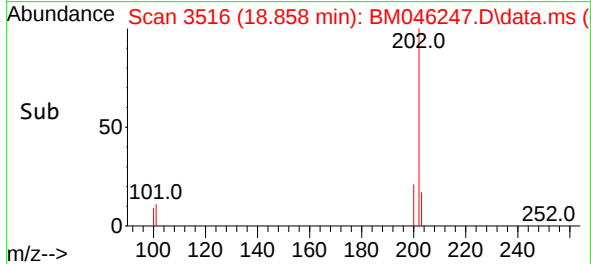
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:202 Resp: 33181
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.7 7.6 11.4

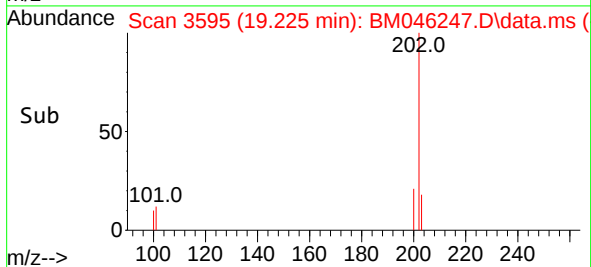
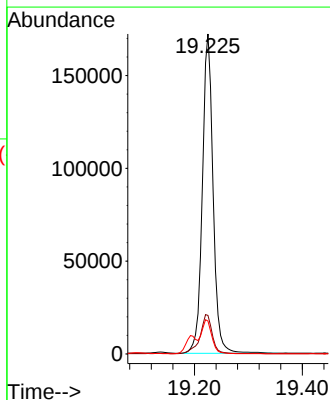
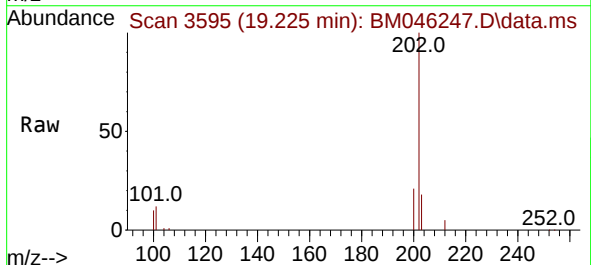
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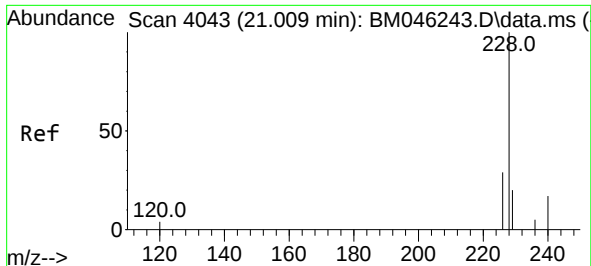
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 10.139 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

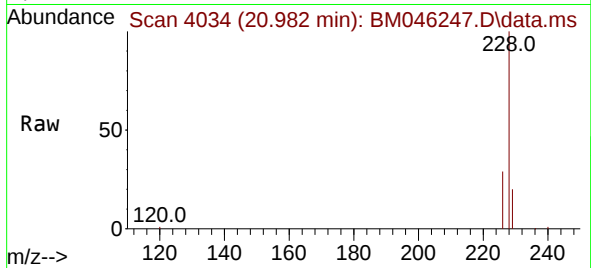
Tgt Ion:202 Resp: 237525
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.243 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.047 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

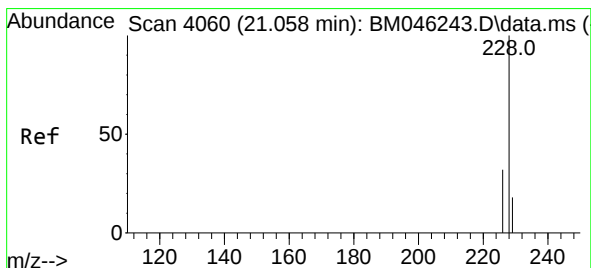
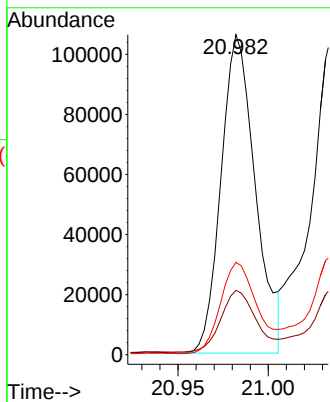
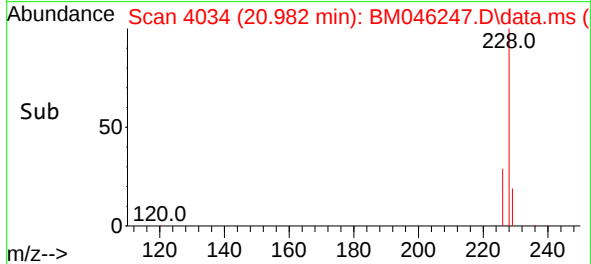
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:228 Resp: 139964
Ion Ratio Lower Upper
228 100
229 20.1 16.4 24.6
226 28.8 23.4 35.2

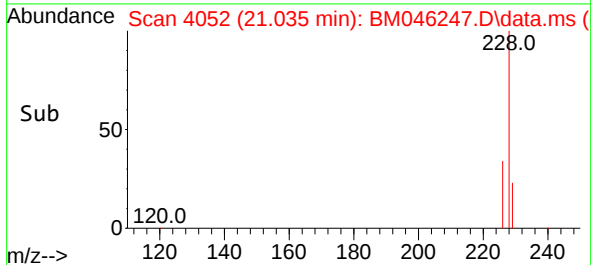
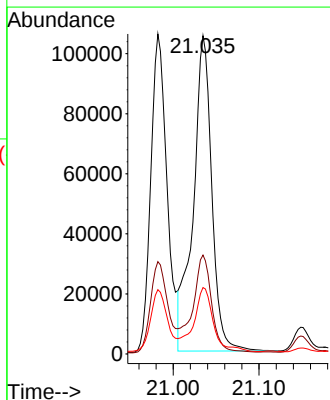
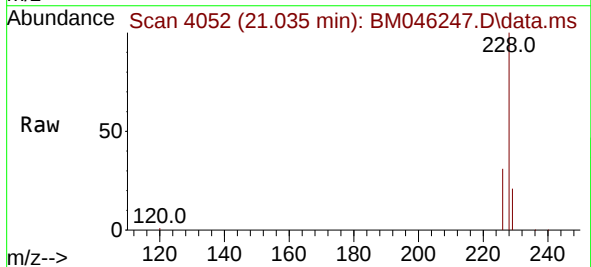
Manual Integrations
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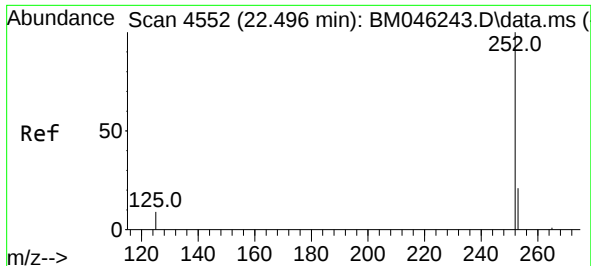
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 6.430 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

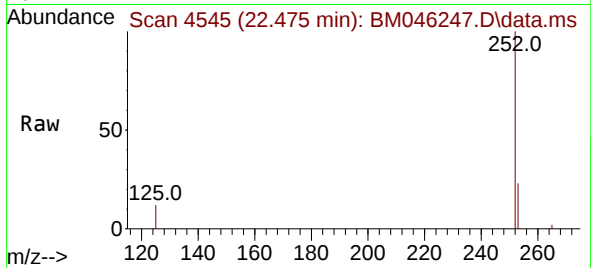
Tgt Ion:228 Resp: 158589
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 11.383 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

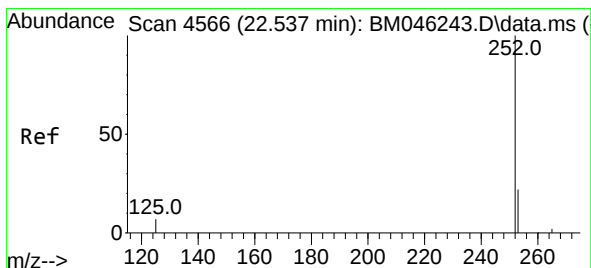
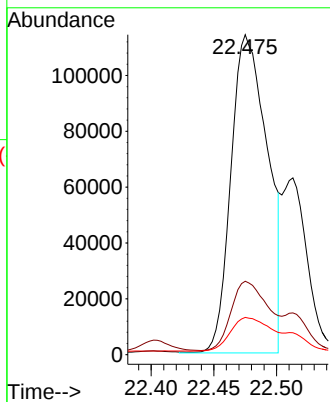
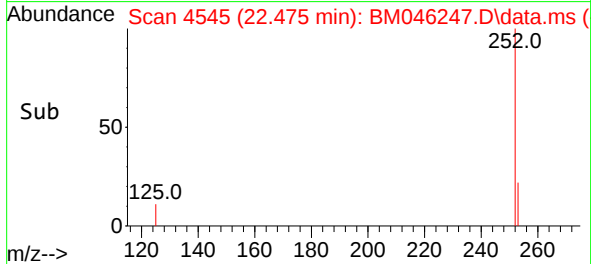
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:252 Resp: 230972
Ion Ratio Lower Upper
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253 22.9 0.0 65.8
125 11.6 0.0 40.2

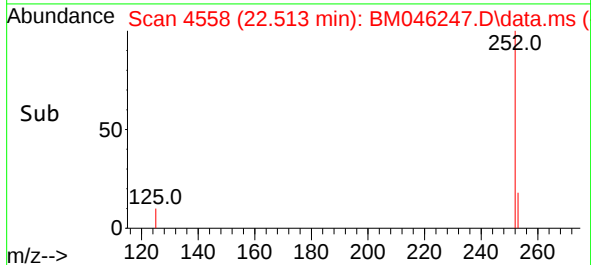
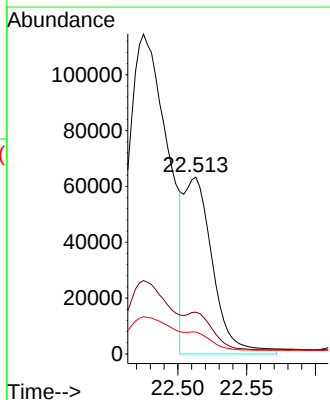
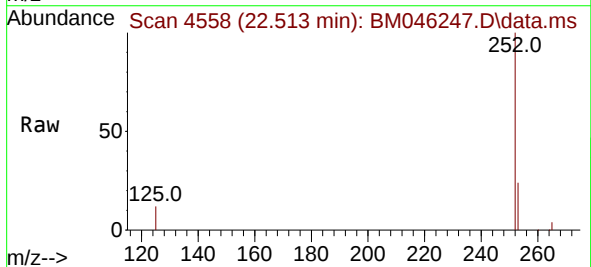
Manual Integrations
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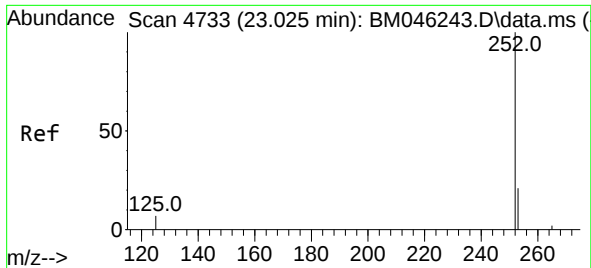
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 3.840 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

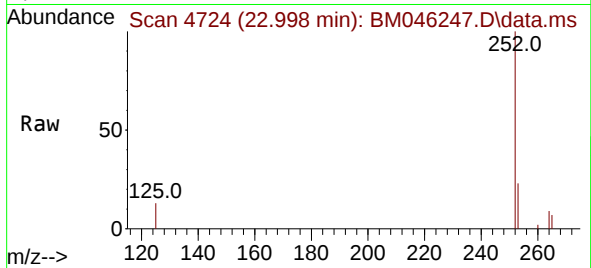
Tgt Ion:252 Resp: 92641
Ion Ratio Lower Upper
252 100
253 23.7 27.2 40.8#
125 12.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 4.644 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.056 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

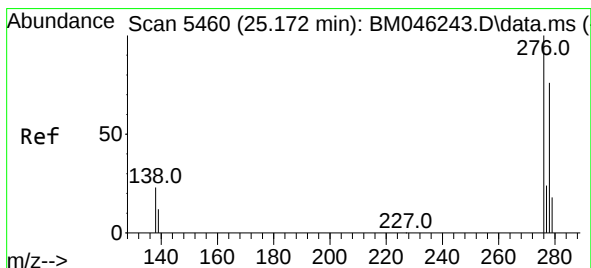
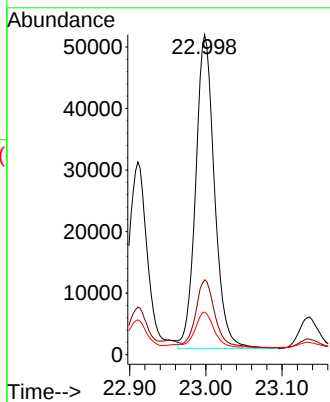
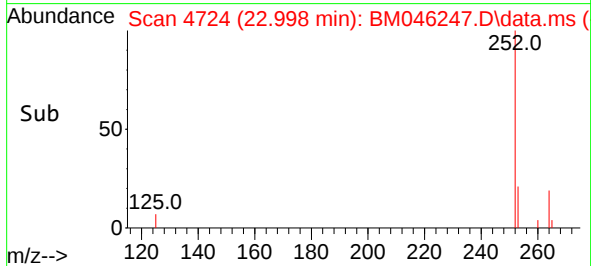
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:252 Resp: 8731
Ion Ratio Lower Upper
252 100
253 23.4 32.1 48.1
125 13.4 21.2 31.8

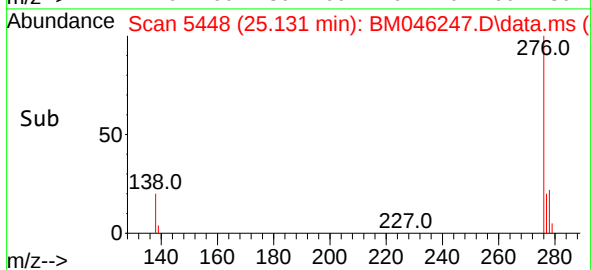
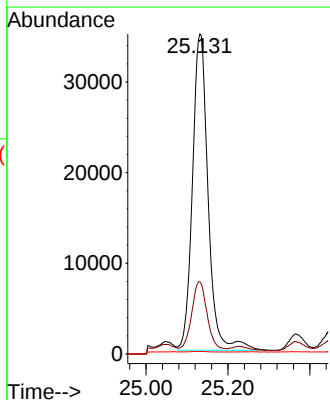
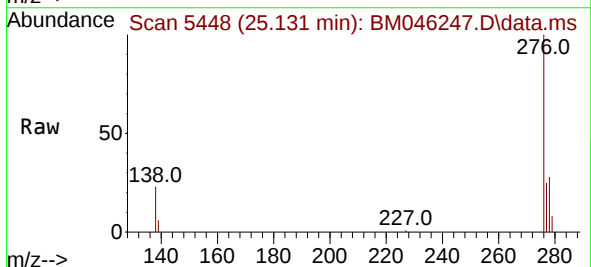
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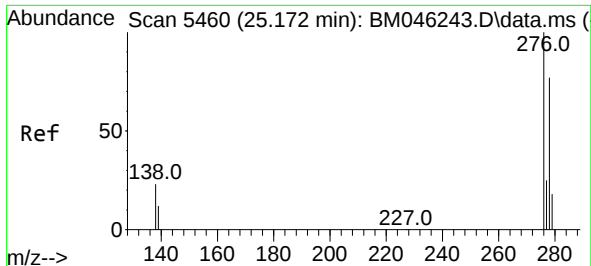
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.014 ng/ul
RT: 25.131 min Scan# 5448
Delta R.T. -0.071 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

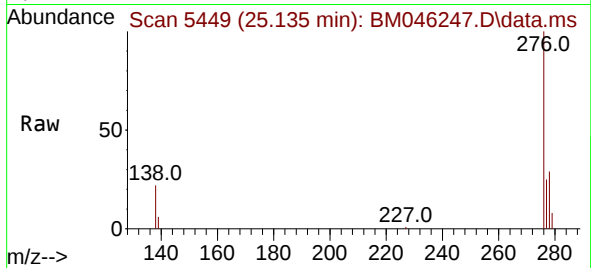
Tgt Ion:276 Resp: 92739
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.199 ng/ul
RT: 25.135 min Scan# 5460
Delta R.T. -0.081 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

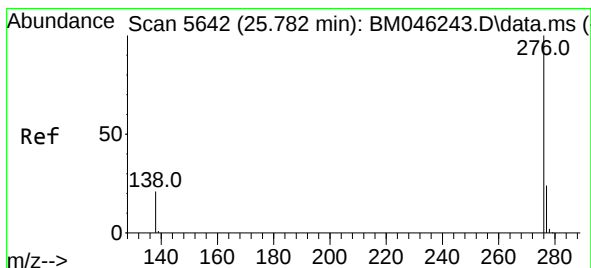
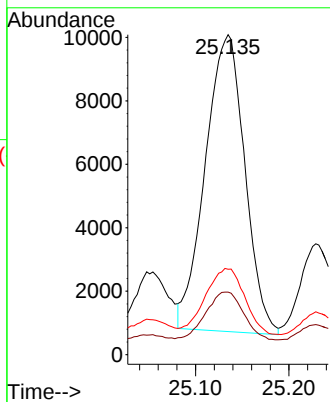
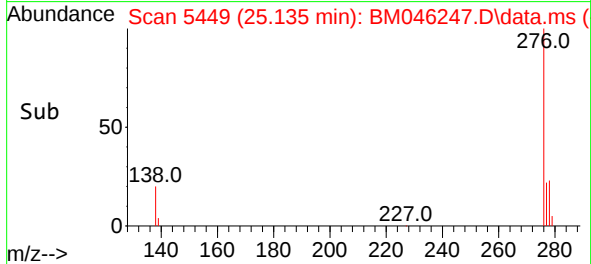
Instrument :
BNA_M
ClientSampleId :
A4BQ3



Tgt Ion:278 Resp: 2746
Ion Ratio Lower Upper
278 100
139 19.5 17.6 26.4
279 26.7 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.471 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.078 min
Lab File: BM046247.D
Acq: 24 Jun 2024 11:24

Tgt Ion:276 Resp: 12439
Ion Ratio Lower Upper
276 100
138 29.2 21.7 32.5
277 28.9 20.4 30.6

