

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041062.D
 Acq On : 22 Jul 2023 20:03
 Operator : MA/JU
 Sample : 03504-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:38:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	2968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	10813	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	6589	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	15580	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	10031	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	8683	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4912	1.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4438	0.308	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	9688	0.230	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	2169	0.073	ng/ul#	82
7) 2-Methylnaphthalene	12.330	142	658	0.041	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	658	0.038	ng/ul#	80
10) Acenaphthylene	14.231	152	3119	0.113	ng/ul#	88
11) Acenaphthene	14.574	153	2737	0.113	ng/ul	99
12) Fluorene	15.564	166	2811	0.112	ng/ul#	97
15) Phenanthrene	17.308	178	64082	1.376	ng/ul	98
16) Anthracene	17.400	178	6099	0.168	ng/ul	95
19) Fluoranthene	19.329	202	137751	2.660	ng/ul#	92
20) Pyrene	19.692	202	89820	1.698	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	42503	1.391	ng/ul	98
22) Chrysene	21.495	228	52186	1.494	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	65807	1.975	ng/ul	89
25) Benzo(k)fluoranthene	23.164	252	23662m	0.747	ng/ul	
26) Benzo(a)pyrene	23.740	252	10064	0.350	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.317	276	22857	0.598	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.320	278	7033	0.243	ng/ul#	87
29) Benzo(g,h,i)perylene	27.078	276	1785	0.051	ng/ul#	51

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

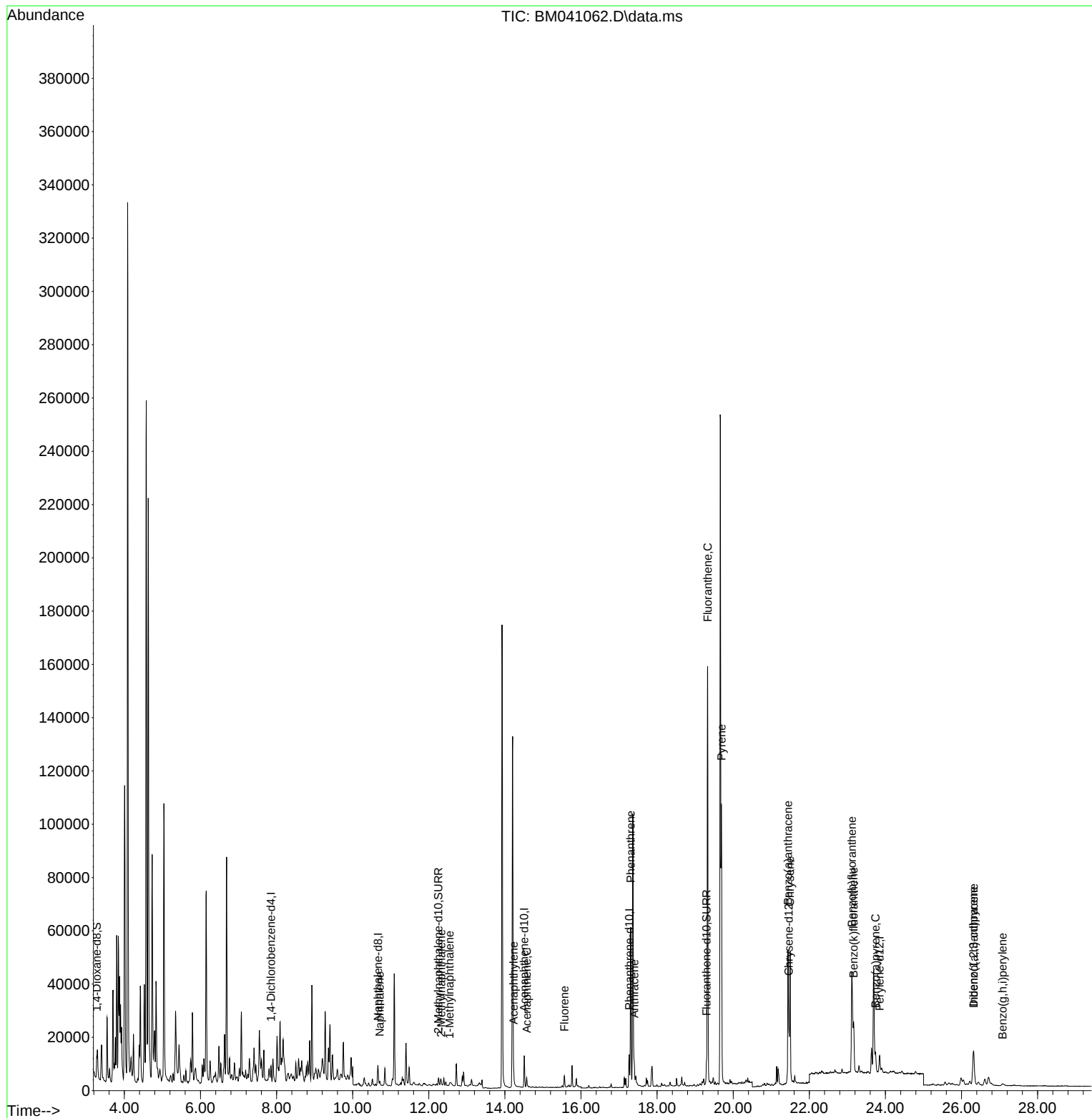
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041062.D
Acq On : 22 Jul 2023 20:03
Operator : MA/JU
Sample : 03504-10
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ALS Vial : 53 Sample Multiplier: 1

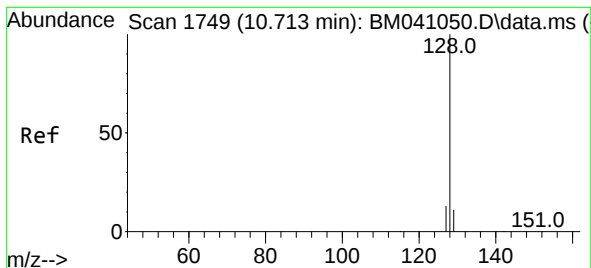
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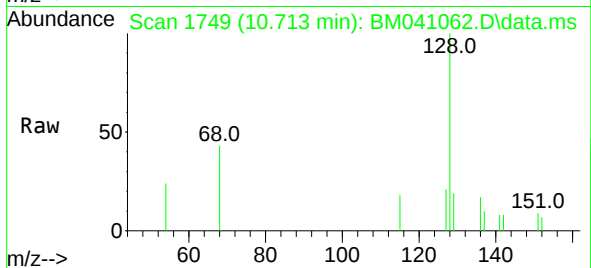
Quant Time: Jul 22 22:38:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

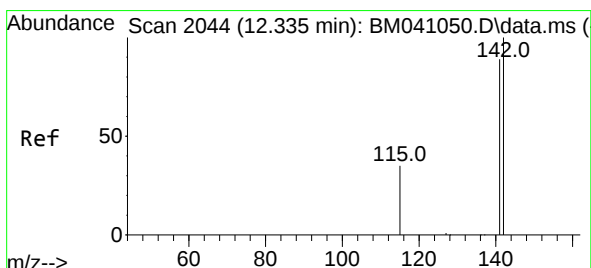
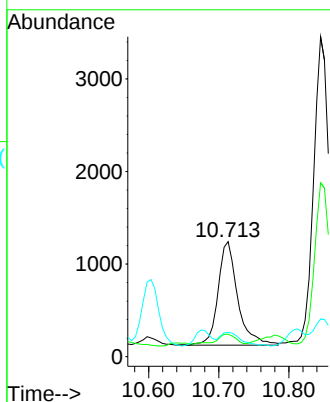
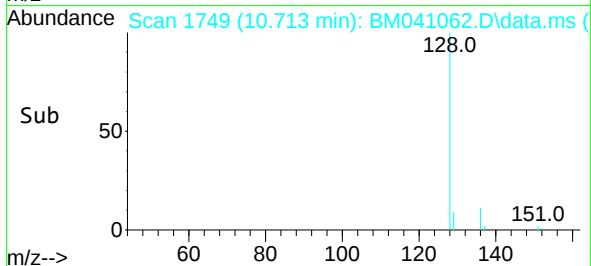
Instrument :
BNA_M
ClientSampleId :
A46W8



Tgt Ion:128 Resp: 2169
Ion Ratio Lower Upper
128 100
129 19.5 9.8 14.8
127 21.0 11.0 16.4

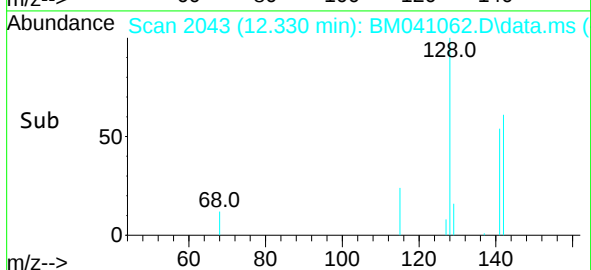
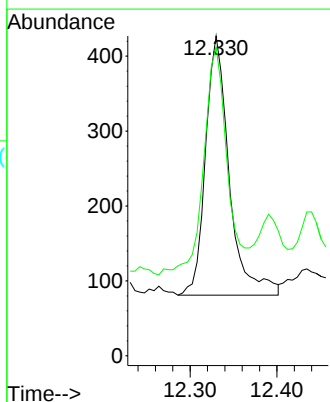
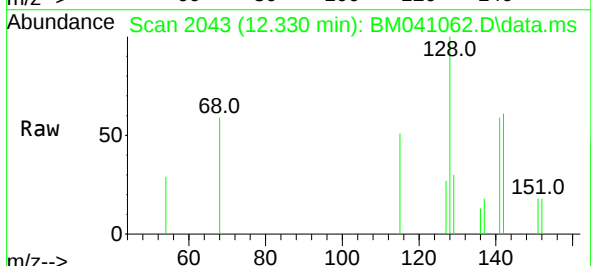
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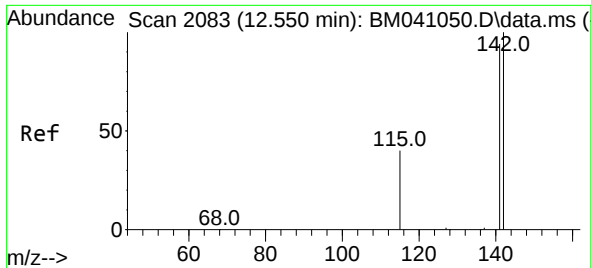
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

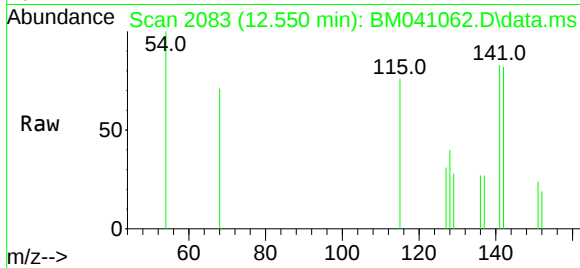
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 87.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

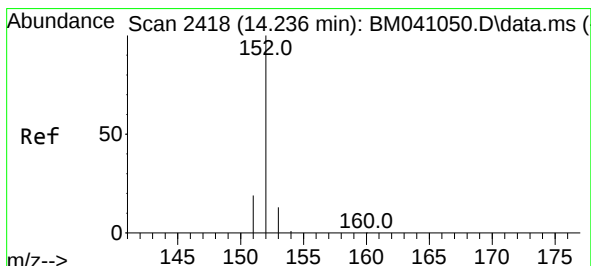
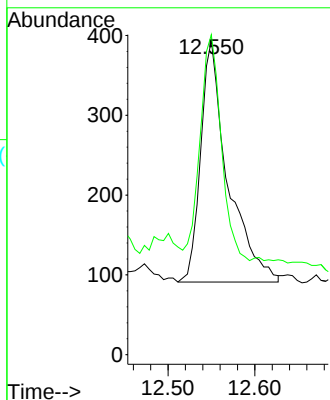
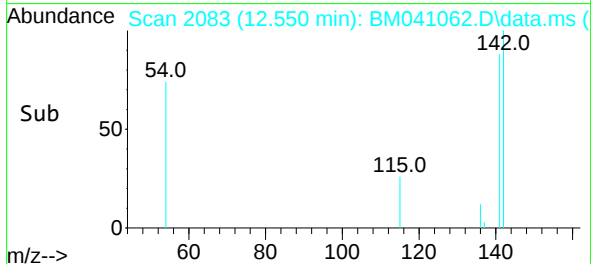
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 72.5 73.4 110.2

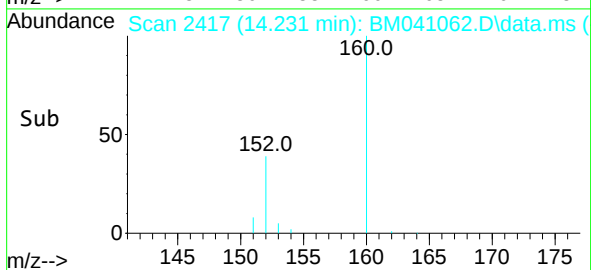
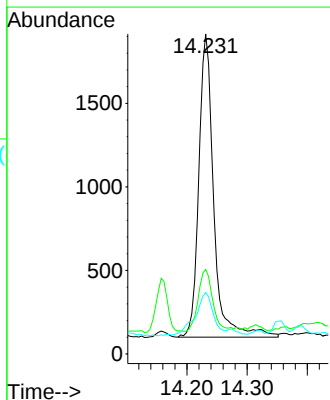
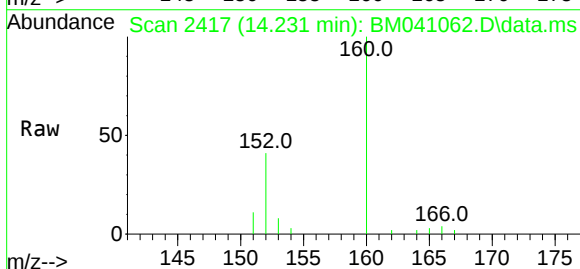
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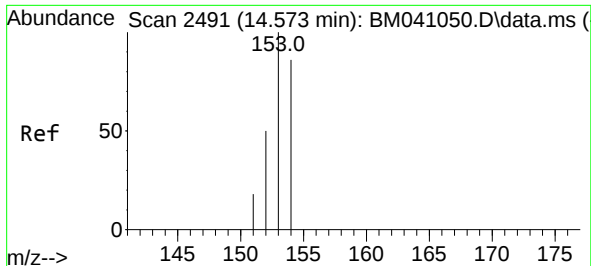
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

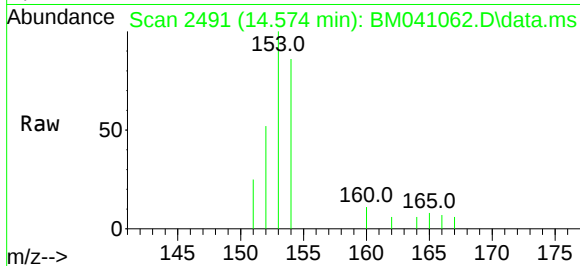
Tgt Ion:152 Resp: 3119
Ion Ratio Lower Upper
152 100
151 26.4 16.8 25.2#
153 19.2 11.6 17.4#





#11
Acenaphthene
Concen: 0.113 ng/u1
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

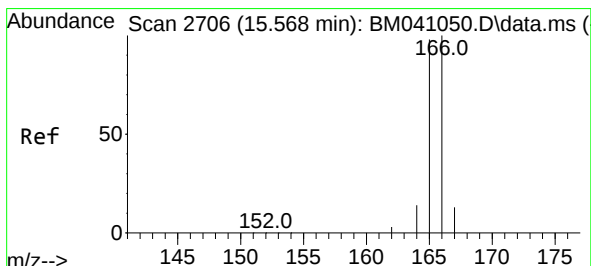
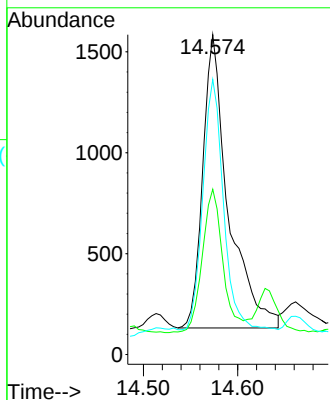
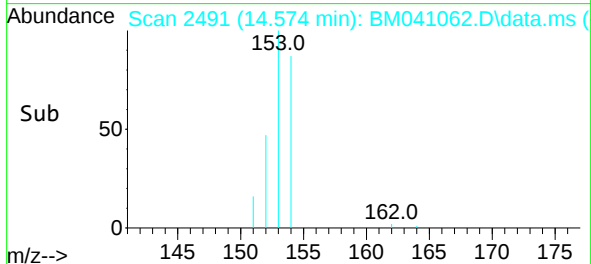
Instrument :
BNA_M
ClientSampleId :
A46W8



Tgt Ion:153 Resp: 273
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.6
154 86.0 68.2 102.2

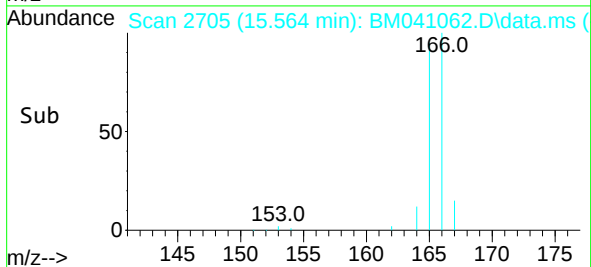
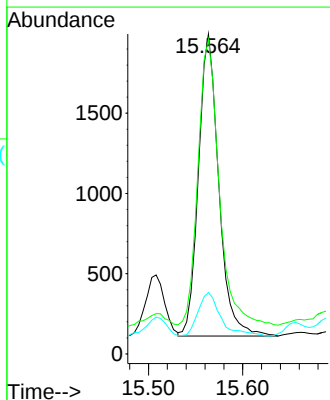
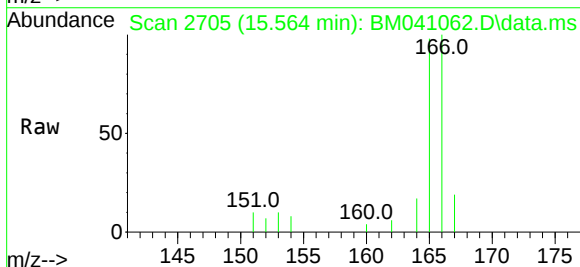
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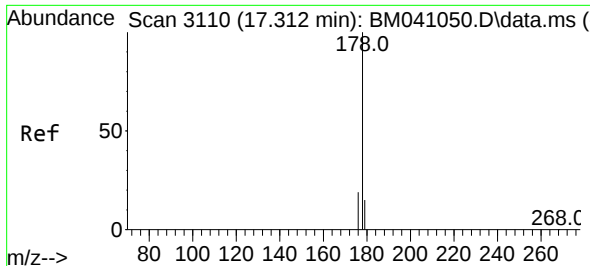
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.112 ng/u1
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

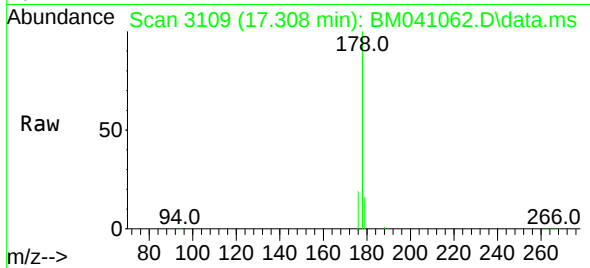
Tgt Ion:166 Resp: 2811
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 19.2 11.7 17.5#





#15
Phenanthrene
Concen: 1.376 ng/uI
RT: 17.308 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

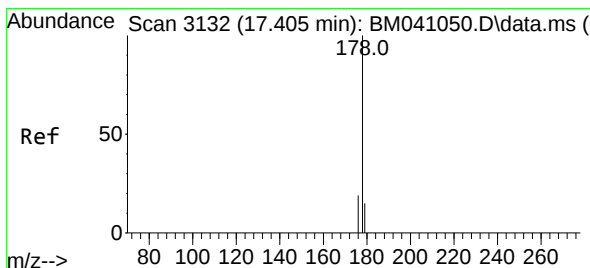
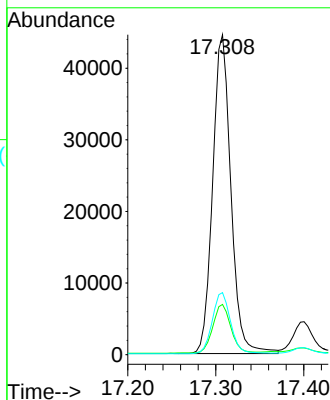
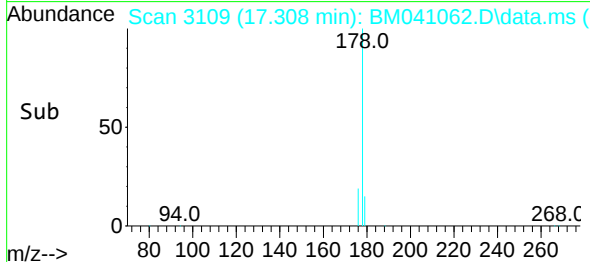
Instrument :
BNA_M
ClientSampleId :
A46W8



Tgt Ion:178 Resp: 6408
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 16.2 24.4

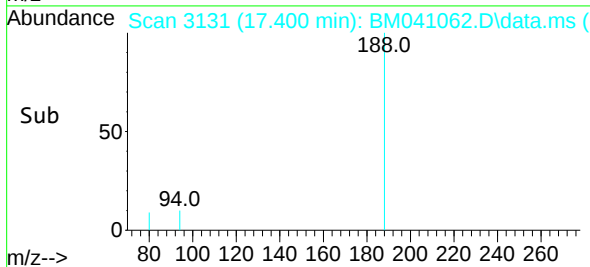
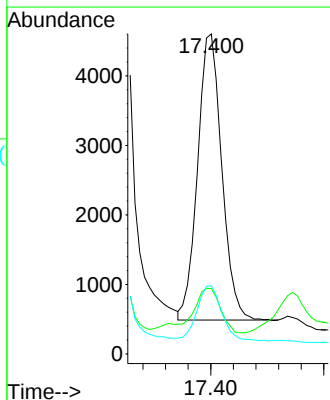
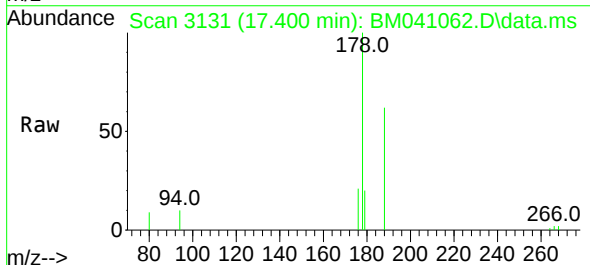
Manual Integrations
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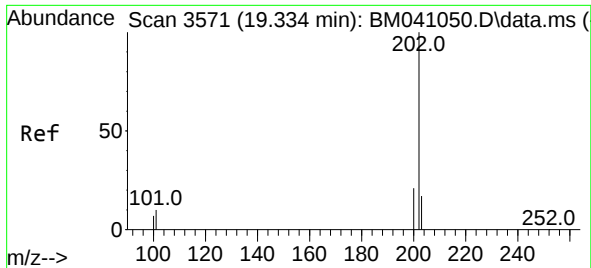
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.168 ng/uI
RT: 17.400 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

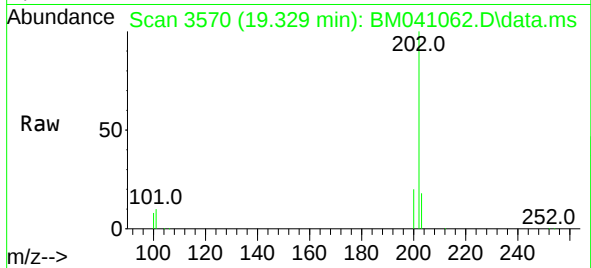
Tgt Ion:178 Resp: 6099
Ion Ratio Lower Upper
178 100
179 20.4 13.7 20.5
176 21.4 16.4 24.6





#19
Fluoranthene
Concen: 2.660 ng/u1
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

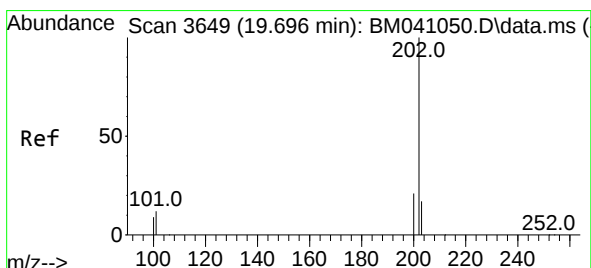
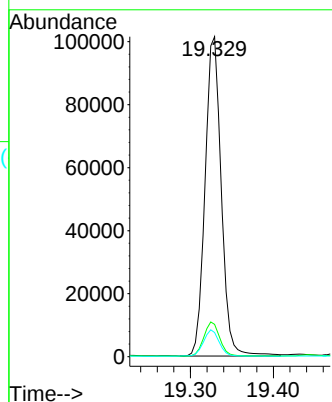
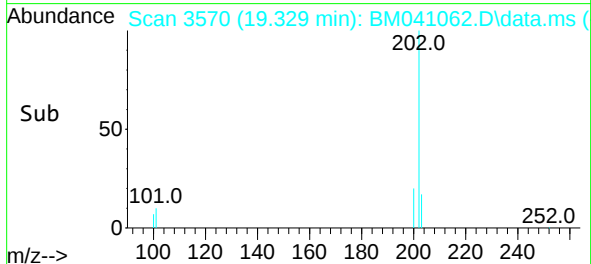
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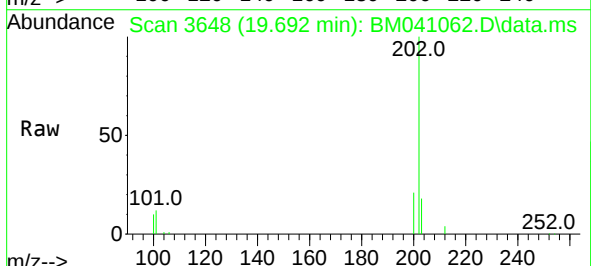
Tgt Ion:202 Resp: 13775
Ion Ratio Lower Upper
202 100
101 10.1 11.0 16.4#
100 7.6 8.3 12.5#

Manual Integrations
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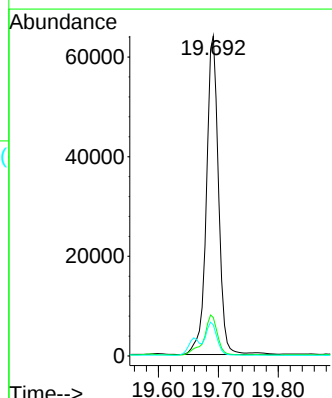
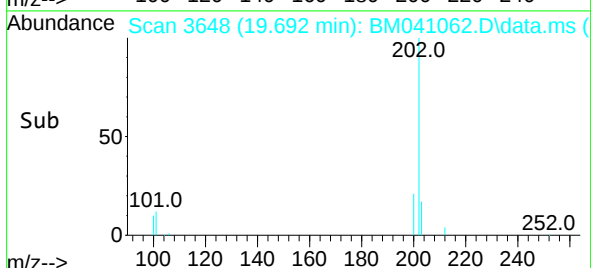
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

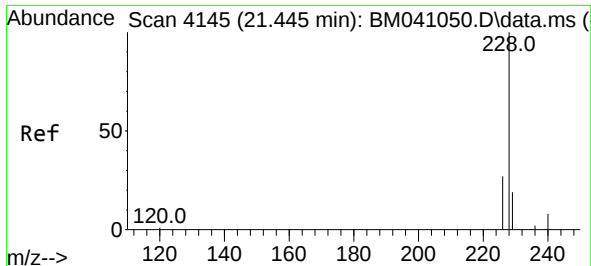


#20
Pyrene
Concen: 1.698 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.004 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03



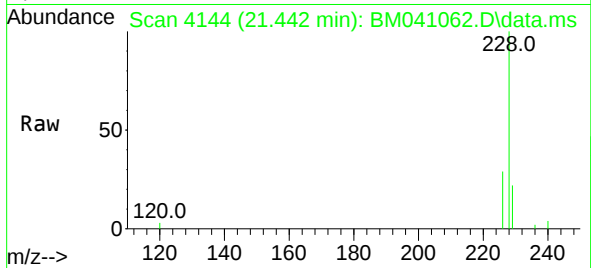
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Ion Ratio Lower Upper
202 100
101 12.0 12.5 18.7#
100 9.7 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 1.391 ng/ul
RT: 21.442 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

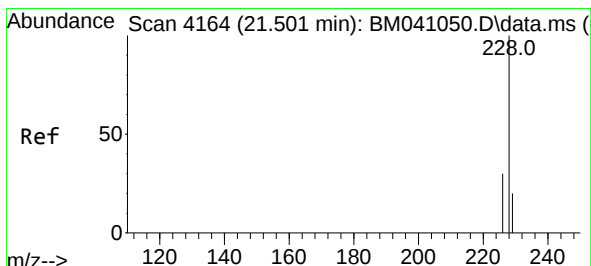
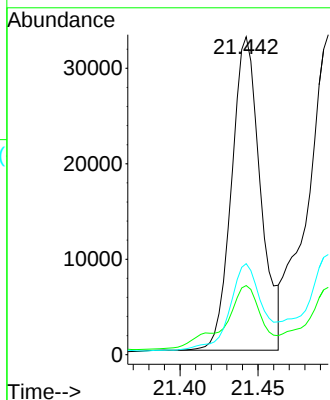
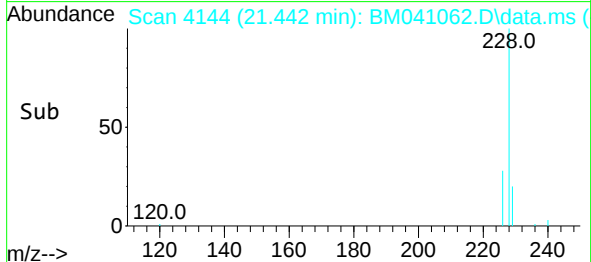
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A46W8



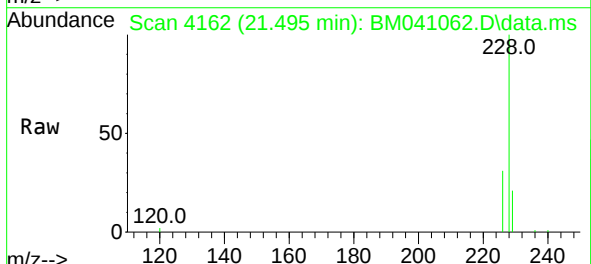
Tgt Ion:228 Resp: 4250
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.4
226 28.6 22.3 33.5

Manual Integrations
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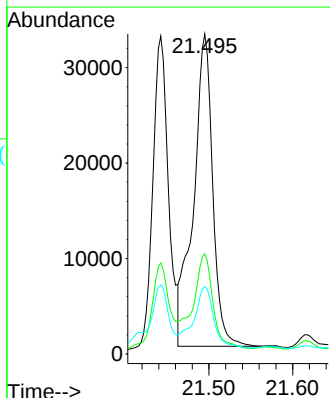
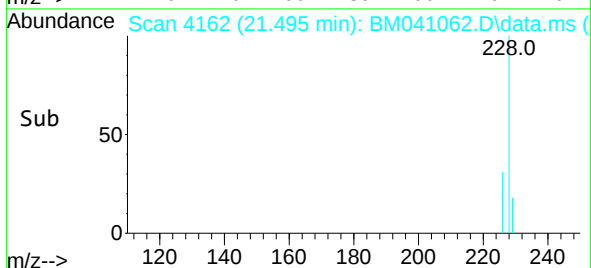
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

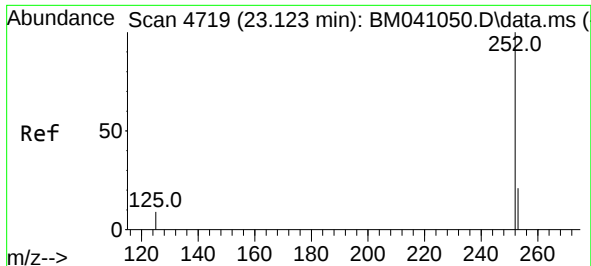


#22
Chrysene
Concen: 1.494 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03



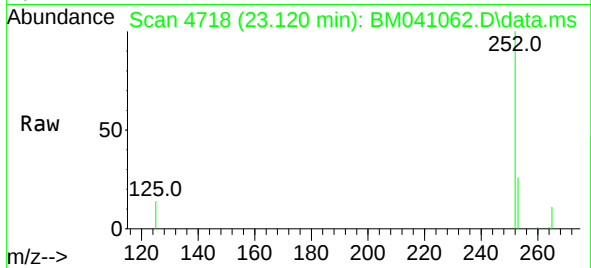
Tgt Ion:228 Resp: 52186
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.0 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 1.975 ng/ul
RT: 23.120 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

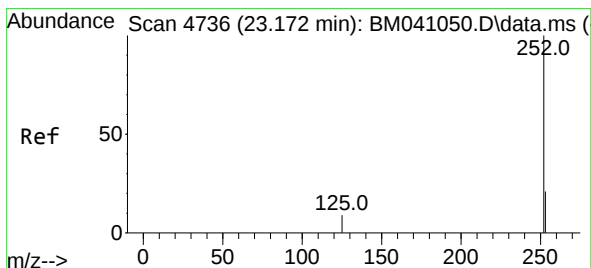
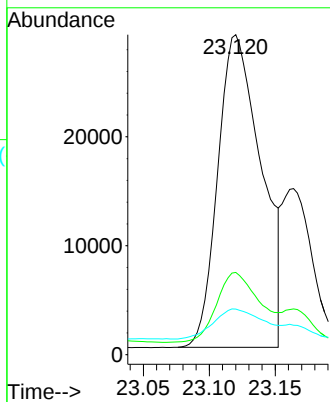
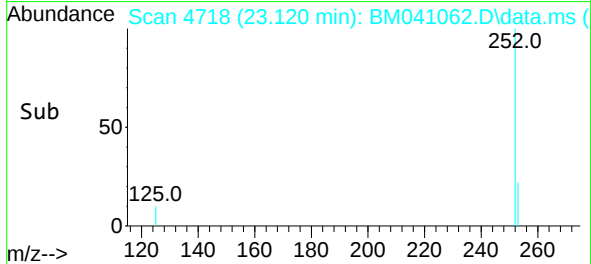
Instrument :
BNA_M
ClientSampleId :
A46W8



Tgt Ion:252 Resp: 6580
Ion Ratio Lower Upper
252 100
253 25.7 0.0 57.4
125 14.2 0.0 45.2

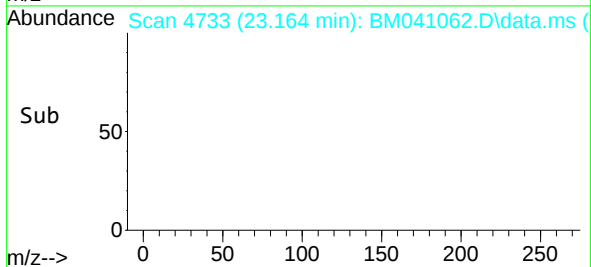
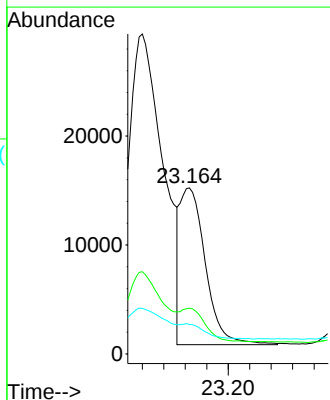
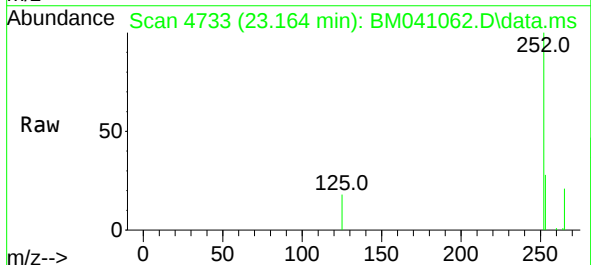
Manual Integrations
APPROVED

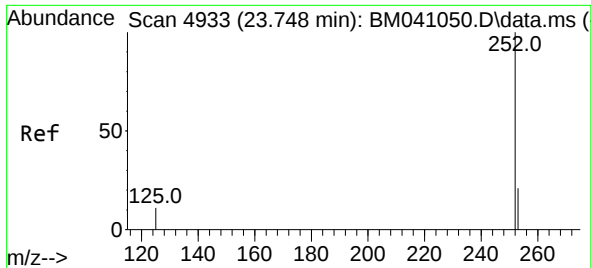
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.747 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

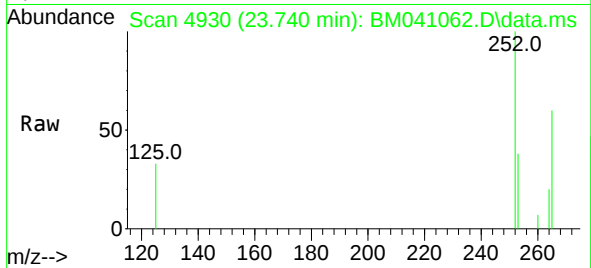
Tgt Ion:252 Resp: 23662
Ion Ratio Lower Upper
252 100
253 27.6 23.3 34.9
125 17.7 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.350 ng/u1
RT: 23.740 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

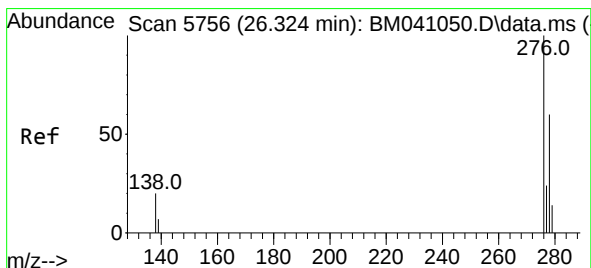
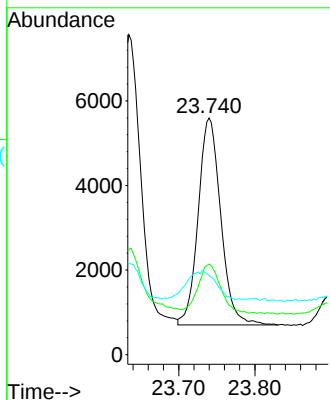
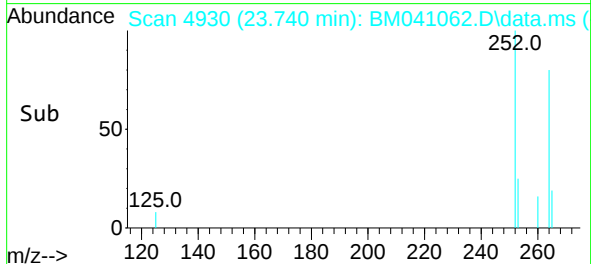
Instrument :
BNA_M
ClientSampleId :
A46W8



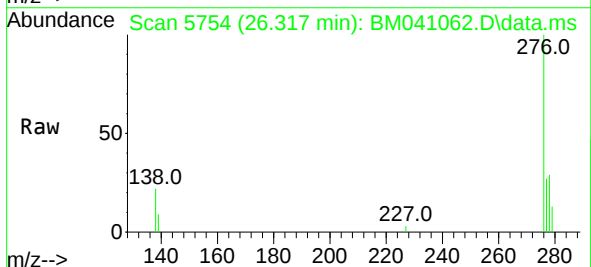
Tgt Ion:252 Resp: 10064
Ion Ratio Lower Upper
252 100
253 38.3 28.2 42.2
125 33.5 25.2 37.8

Manual Integrations
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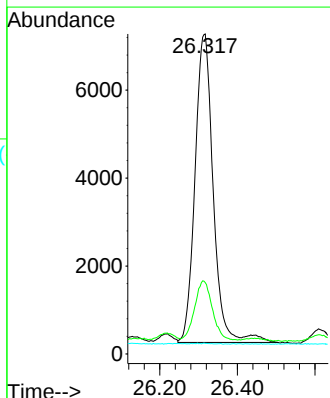
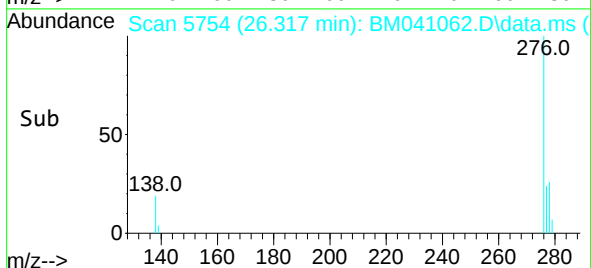
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

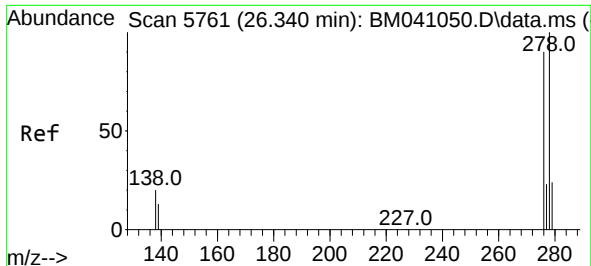


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.598 ng/u1
RT: 26.317 min Scan# 5754
Delta R.T. -0.010 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03



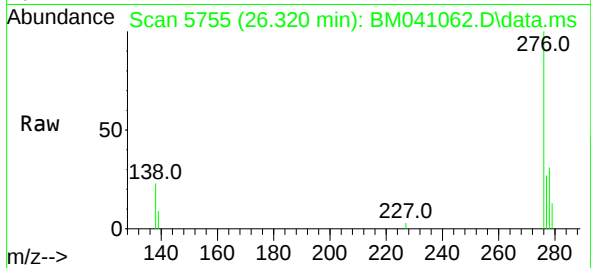
Tgt Ion:276 Resp: 22857
Ion Ratio Lower Upper
276 100
138 18.8 22.3 33.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul
RT: 26.320 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

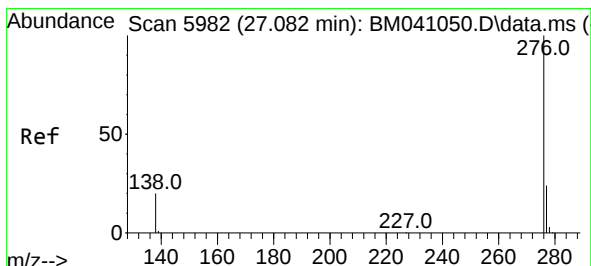
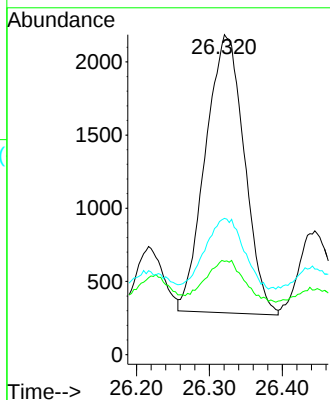
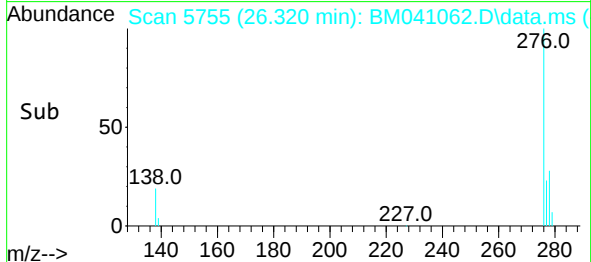
Instrument :
BNA_M
ClientSampleId :
A46W8



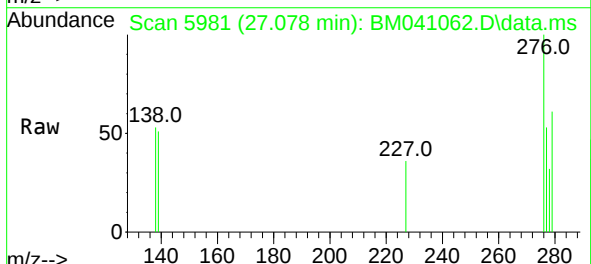
Tgt Ion:278 Resp: 703
Ion Ratio Lower Upper
278 100
139 29.1 19.2 28.8
279 42.6 27.0 40.6

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Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. -0.007 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03



Tgt Ion:276 Resp: 1785
Ion Ratio Lower Upper
276 100
138 52.9 22.6 34.0#
277 53.5 21.2 31.8#

