

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040464.D
 Acq On : 30 Jun 2023 10:16
 Operator : MA/JU
 Sample : 03239-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:02:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7144	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	12205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	25068	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16446	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	15040	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	10458	0.932	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	4366	0.121	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	7777	0.148	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	3871	0.054	ng/ul#	87
7) 2-Methylnaphthalene	12.406	142	2684	0.064	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	1979	0.047	ng/ul	98
10) Acenaphthylene	14.300	152	5458	0.100	ng/ul#	92
11) Acenaphthene	14.642	153	3680	0.080	ng/ul	98
12) Fluorene	15.627	166	3385	0.069	ng/ul#	98
15) Phenanthrene	17.366	178	73845	0.948	ng/ul	99
16) Anthracene	17.459	178	16093	0.246	ng/ul	98
19) Fluoranthene	19.380	202	193647	2.772	ng/ul	98
20) Pyrene	19.747	202	138194	1.845	ng/ul	97
21) Benzo(a)anthracene	21.488	228	72622	1.305	ng/ul	98
22) Chrysene	21.544	228	77276	1.218	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	109901	1.888	ng/ul	94
25) Benzo(k)fluoranthene	23.227	252	33632m	0.586	ng/ul	
26) Benzo(a)pyrene	23.812	252	53302	1.017	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.420	276	49359	0.676	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.430	278	12826	0.224	ng/ul#	86
29) Benzo(g,h,i)perylene	27.195	276	9660	0.151	ng/ul#	83

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

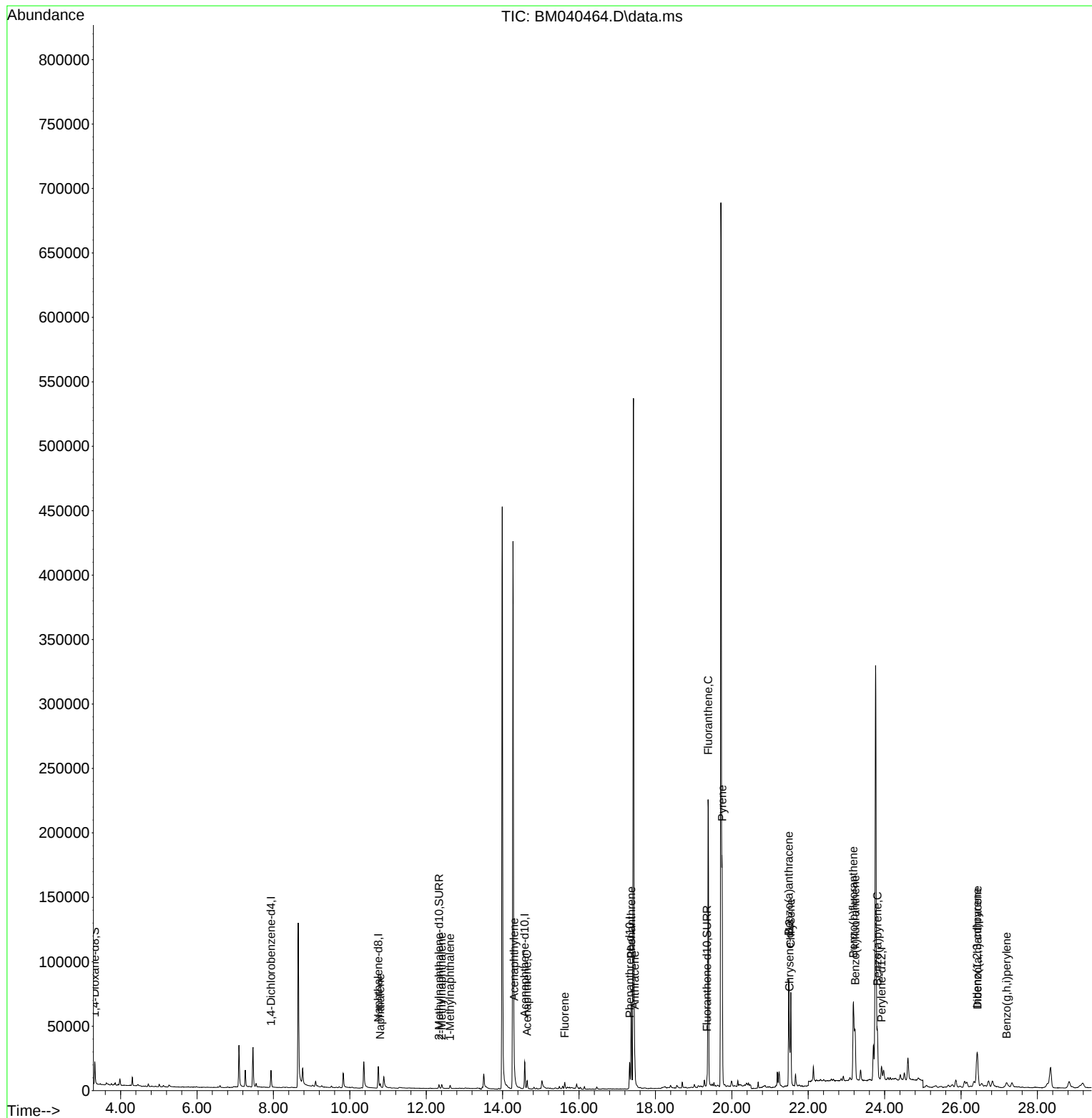
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040464.D
Acq On : 30 Jun 2023 10:16
Operator : MA/JU
Sample : 03239-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

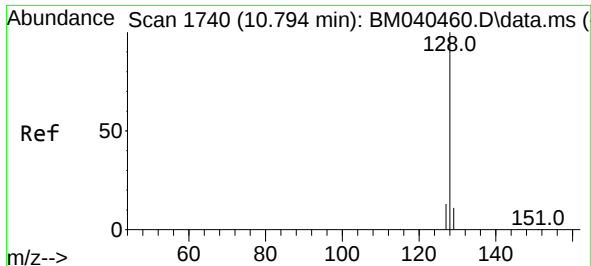
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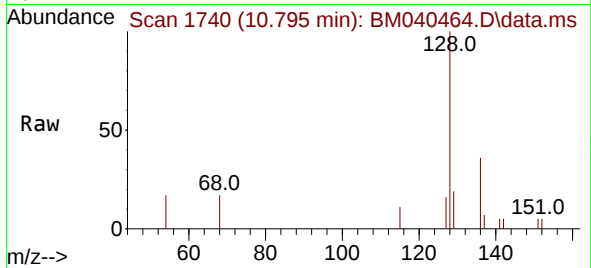
Quant Time: Jul 01 03:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

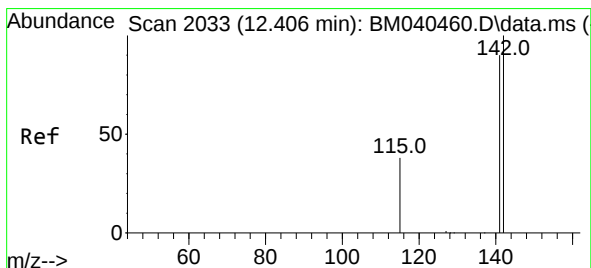
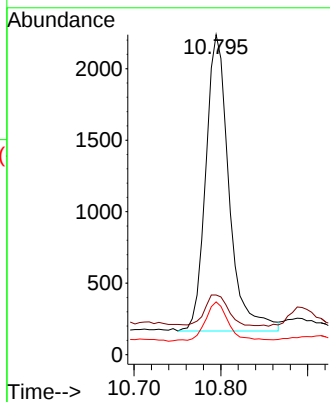
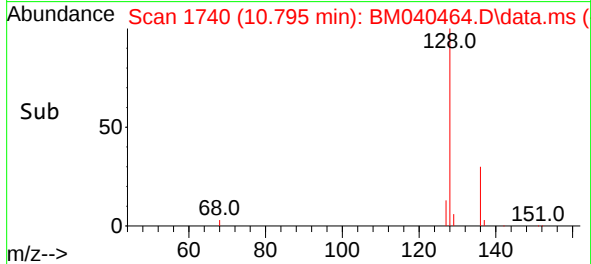
Instrument :
BNA_M
ClientSampleId :
DCFY5



Tgt Ion:128 Resp: 387
Ion Ratio Lower Upper
128 100
129 18.7 9.2 13.8
127 16.5 10.6 15.8

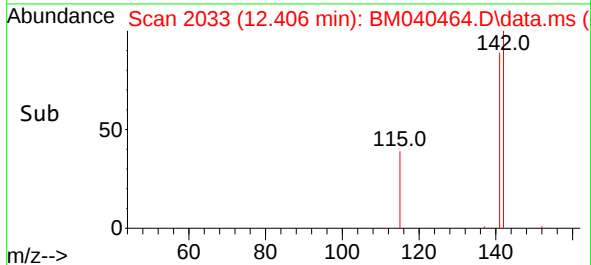
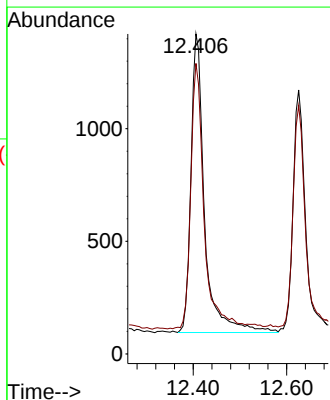
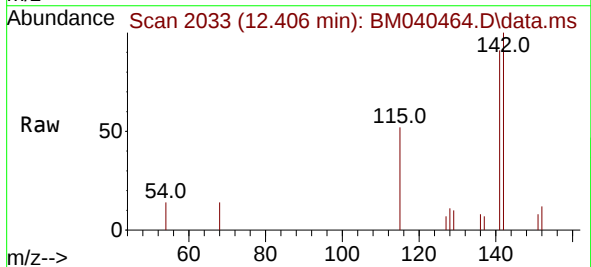
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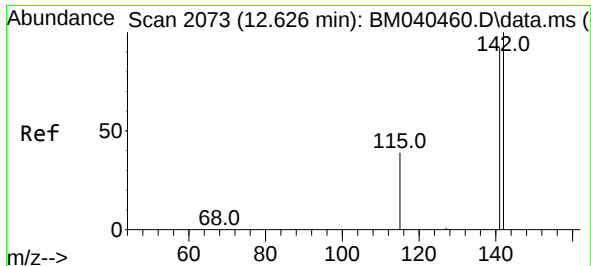
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

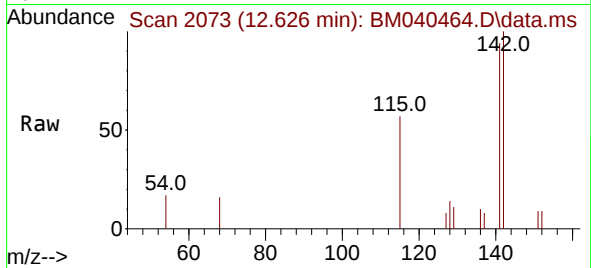
Tgt Ion:142 Resp: 2684
Ion Ratio Lower Upper
142 100
141 88.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

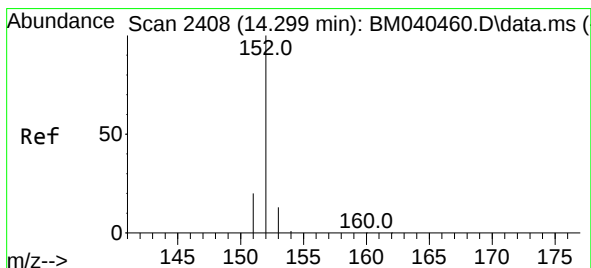
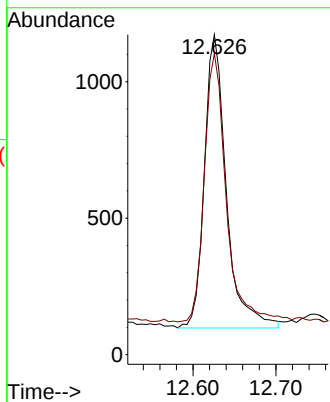
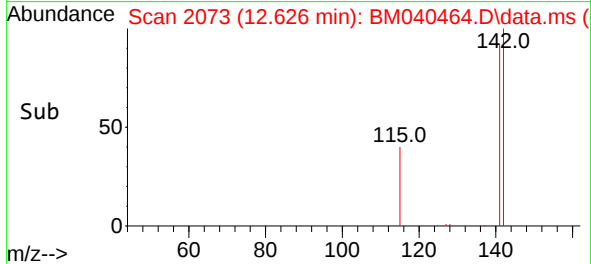
Instrument :
BNA_M
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Ion Ratio Lower Upper
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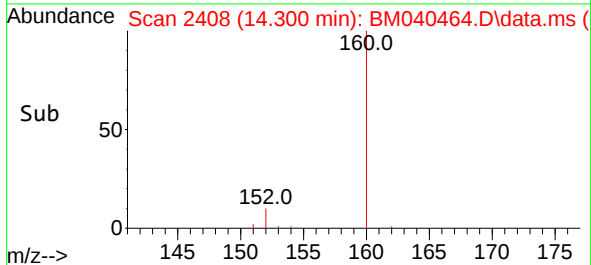
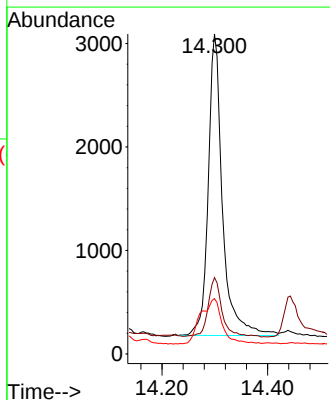
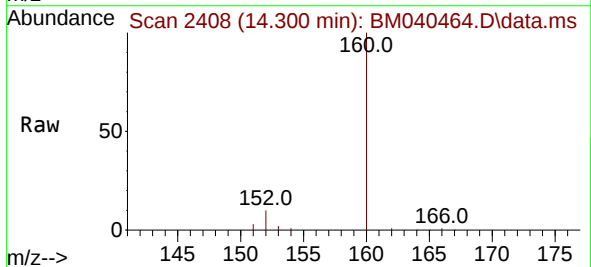
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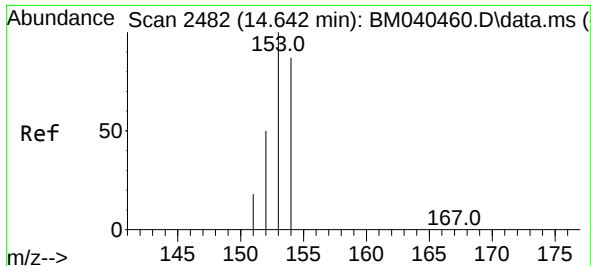
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

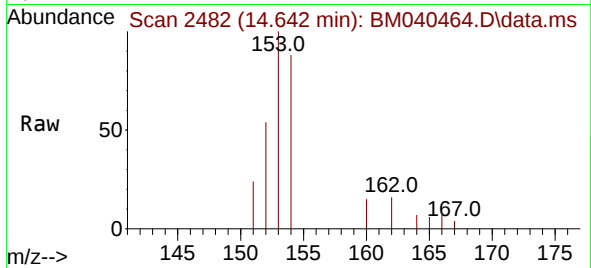
Tgt Ion:152 Resp: 5458
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.2
153 17.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

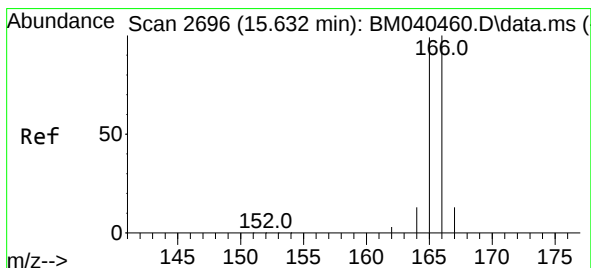
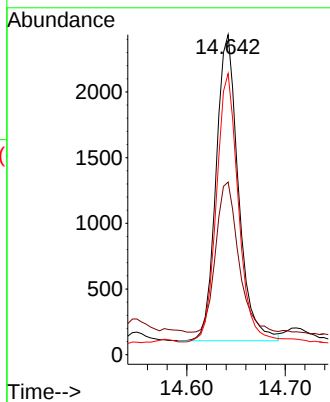
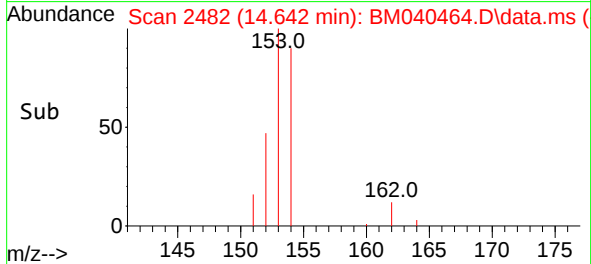
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 3680
Ion Ratio Lower Upper
153 100
152 53.9 41.0 61.4
154 87.8 70.8 106.2

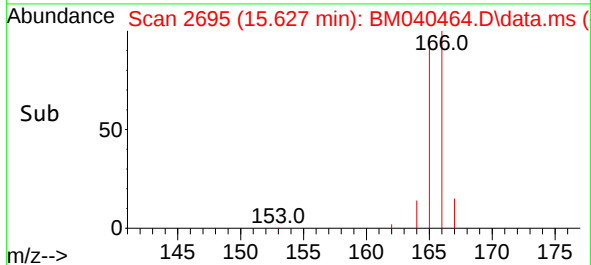
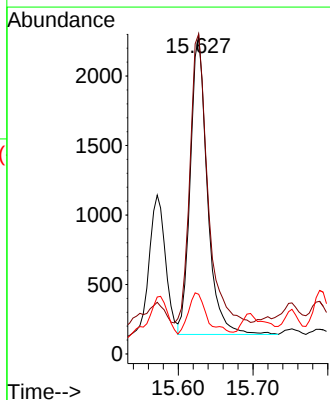
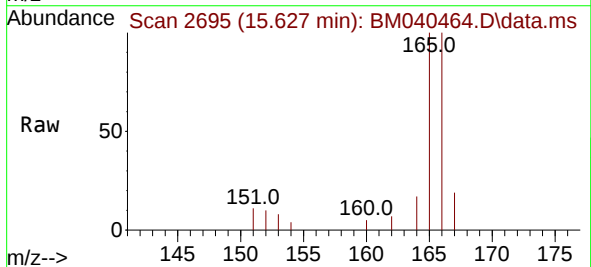
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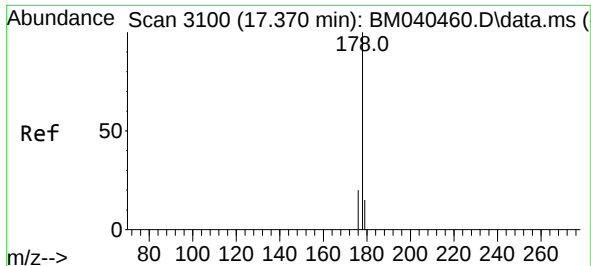
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

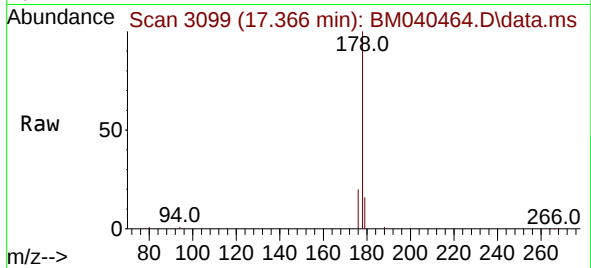
Tgt Ion:166 Resp: 3385
Ion Ratio Lower Upper
166 100
165 100.4 79.6 119.4
167 18.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.948 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

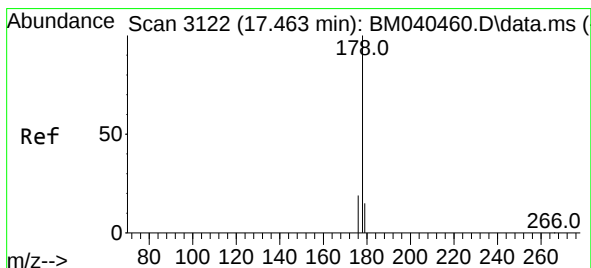
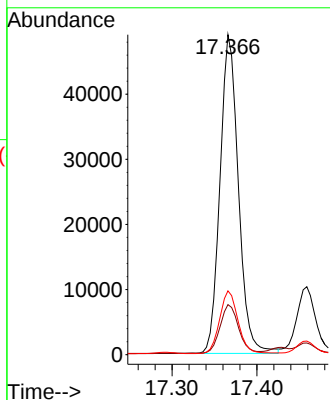
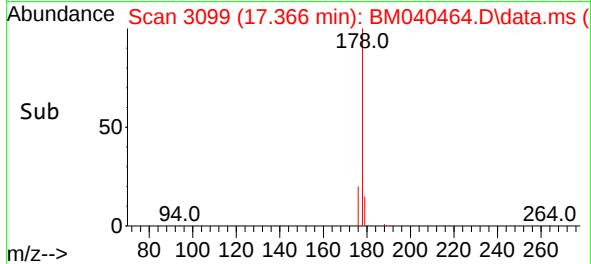
Instrument :
BNA_M
ClientSampleId :
DCFY5



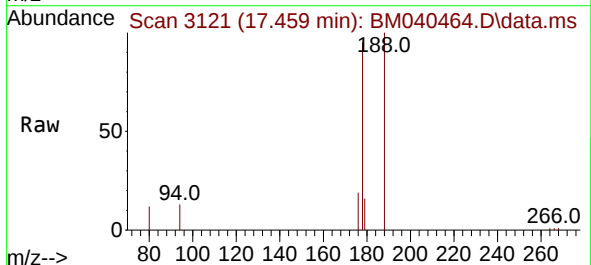
Tgt Ion:178 Resp: 7384
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.0 16.4 24.6

Manual Integrations
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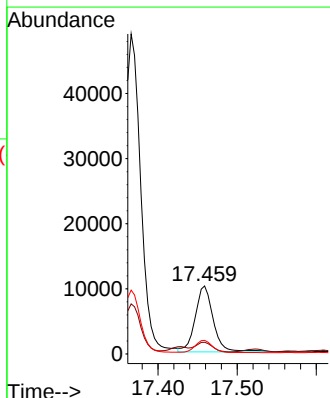
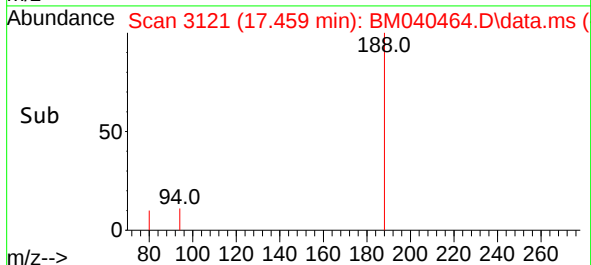
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

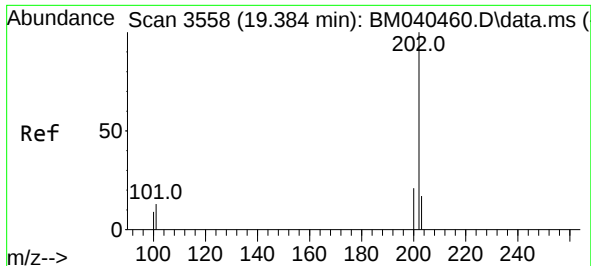


#16
Anthracene
Concen: 0.246 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16



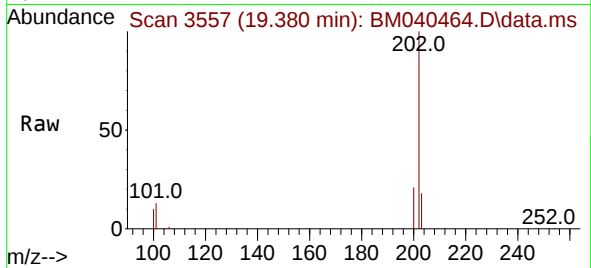
Tgt Ion:178 Resp: 16093
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.1 15.8 23.6





#19
Fluoranthene
Concen: 2.772 ng/ul
RT: 19.380 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

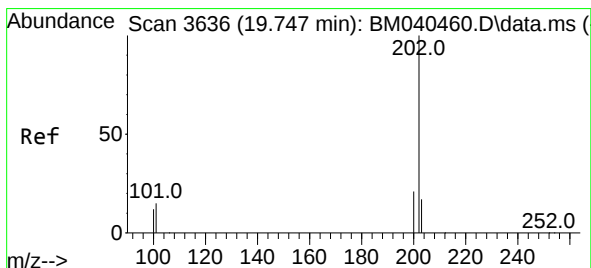
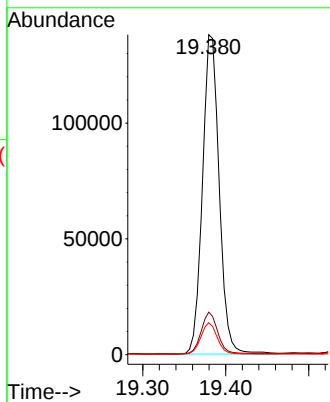
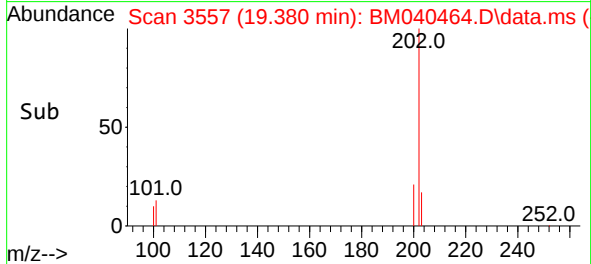
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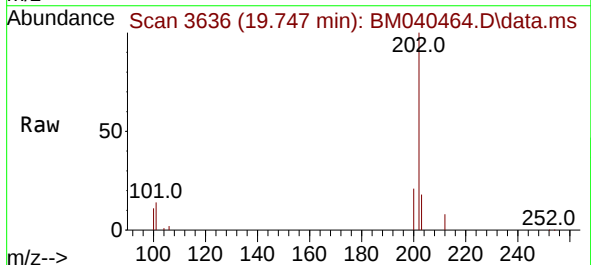
Tgt Ion:202 Resp: 19364
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.0 8.7 13.1

Manual Integrations
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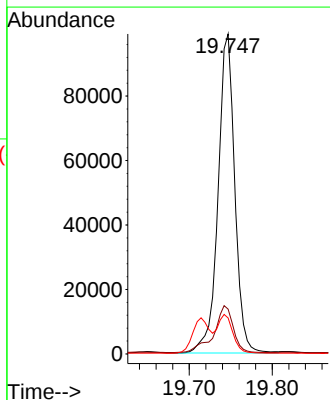
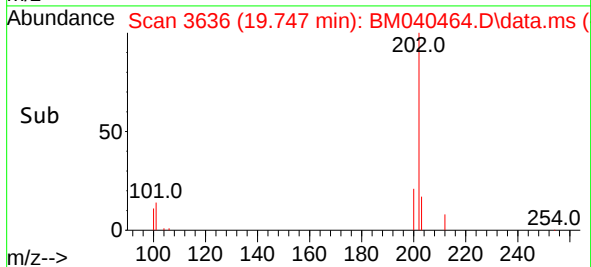
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

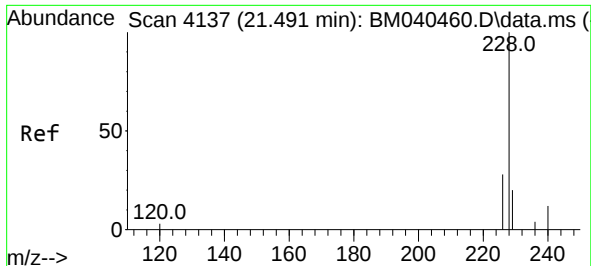


#20
Pyrene
Concen: 1.845 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16



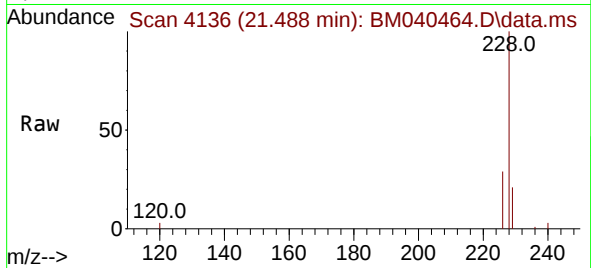
Tgt Ion:202 Resp: 138194
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.305 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

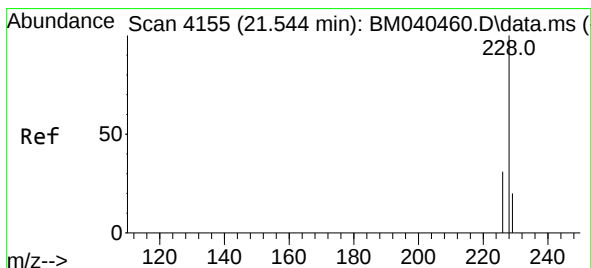
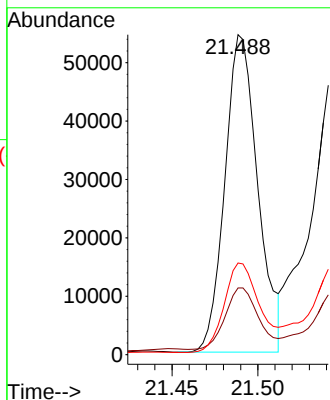
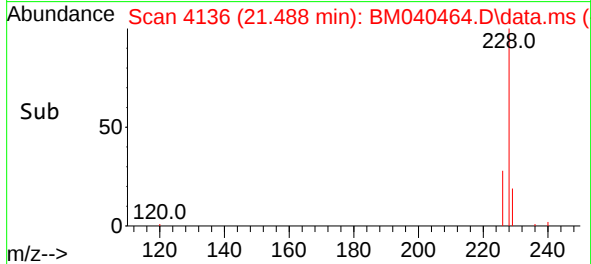
Instrument :
BNA_M
ClientSampleId :
DCFY5



Tgt Ion:228 Resp: 7262
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.7 22.3 33.5

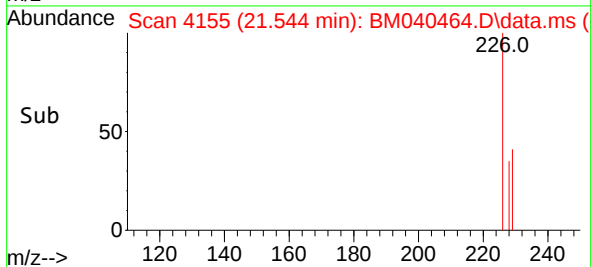
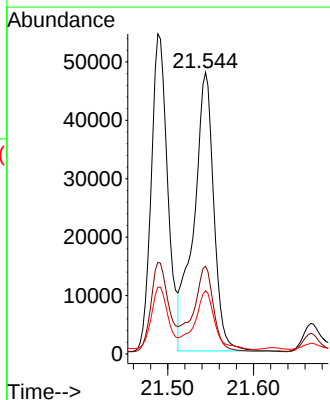
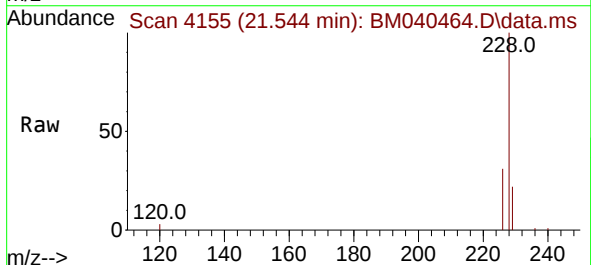
Manual Integrations
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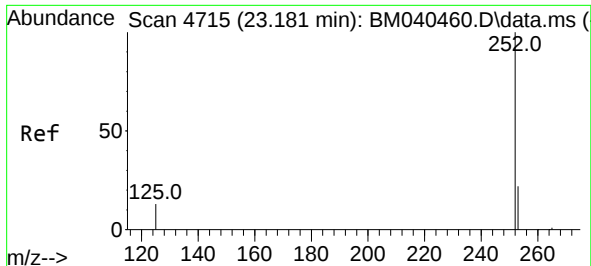
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 1.218 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

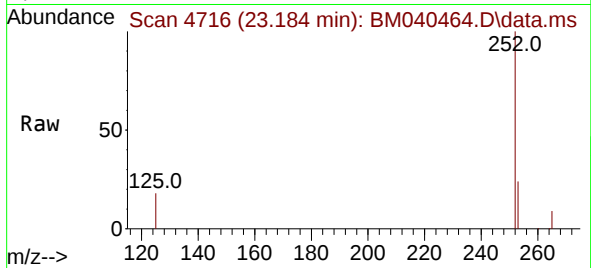
Tgt Ion:228 Resp: 77276
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.888 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

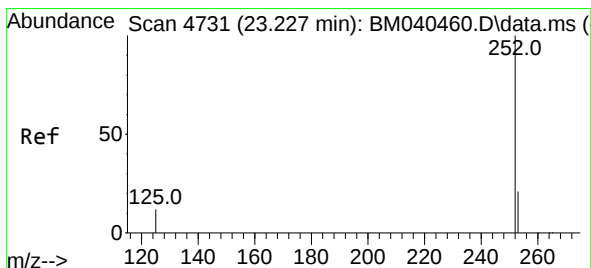
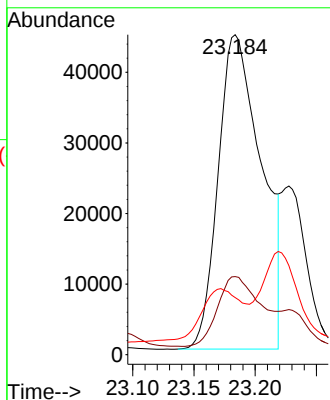
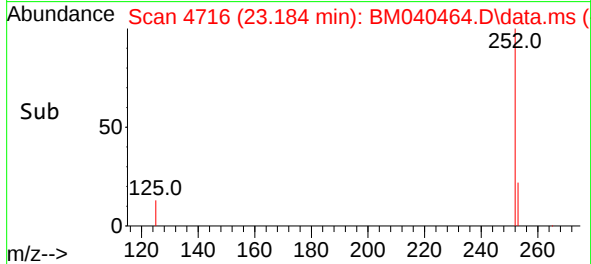
Instrument :
BNA_M
ClientSampleId :
DCFY5



Tgt Ion:252 Resp: 10990
Ion Ratio Lower Upper
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253 24.4 0.0 52.8
125 17.9 0.0 43.0

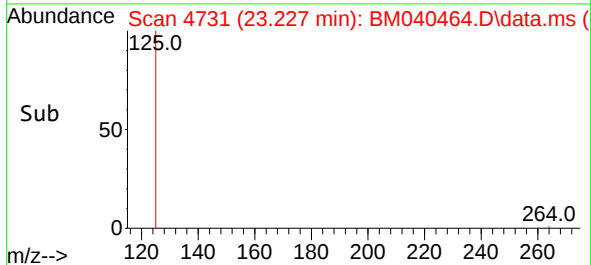
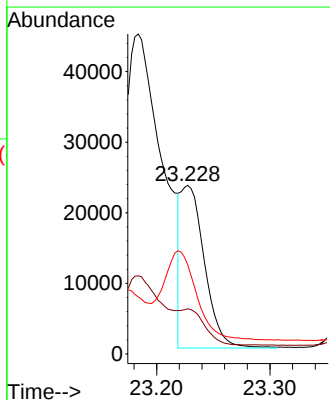
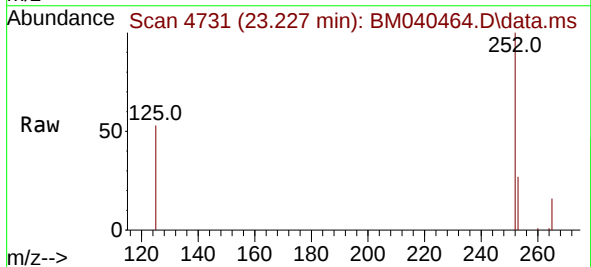
Manual Integrations
APPROVED

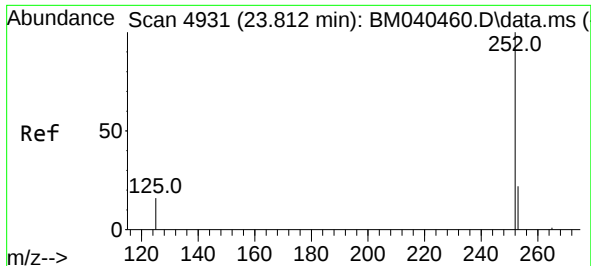
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

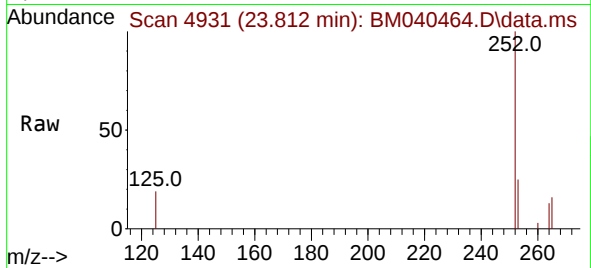
Tgt Ion:252 Resp: 33632
Ion Ratio Lower Upper
252 100
253 26.8 21.2 31.8
125 52.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.017 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

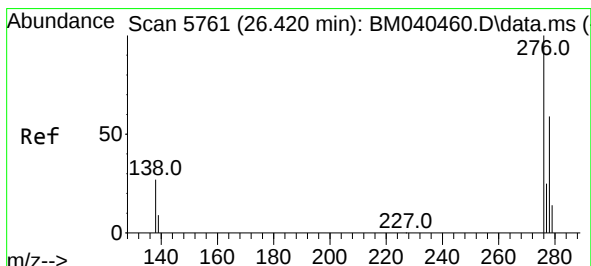
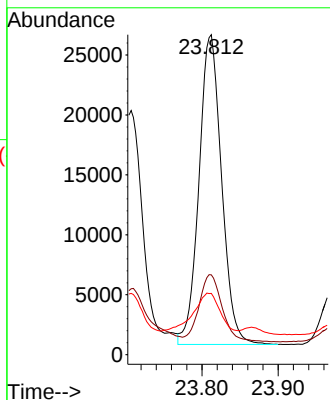
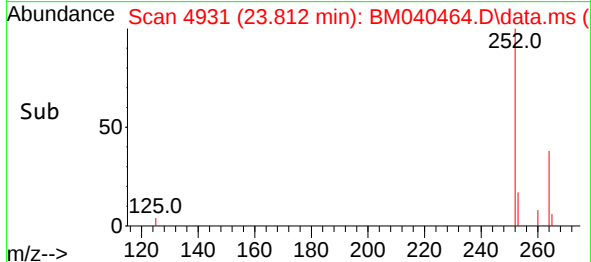
Instrument :
BNA_M
ClientSampleId :
DCFY5



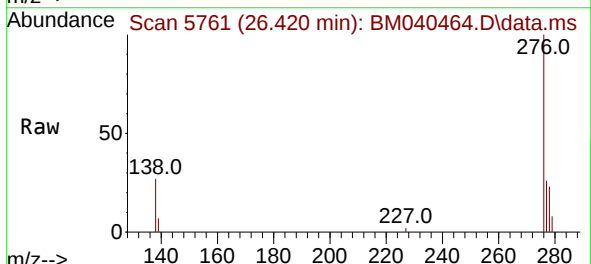
Tgt Ion:252 Resp: 53302
Ion Ratio Lower Upper
252 100
253 25.0 22.9 34.3
125 19.2 21.0 31.4

Manual Integrations
APPROVED

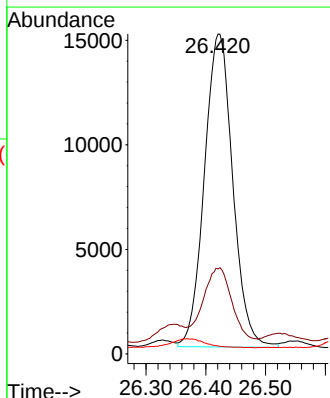
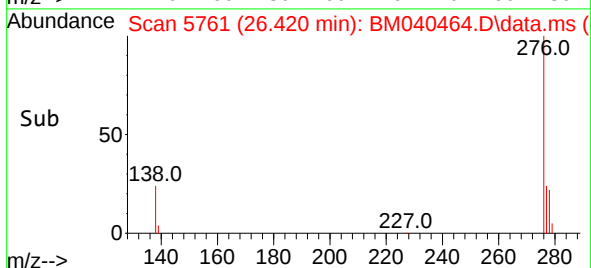
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

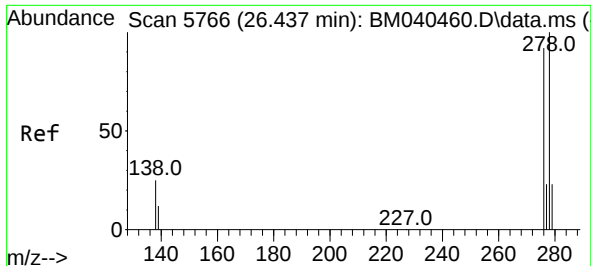


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16



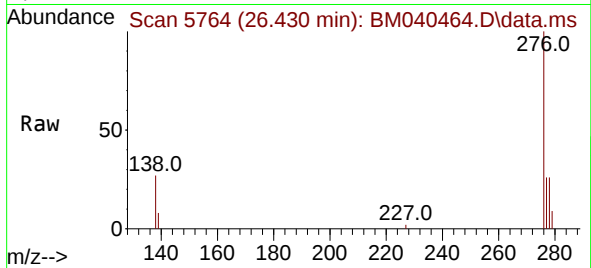
Tgt Ion:276 Resp: 49359
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

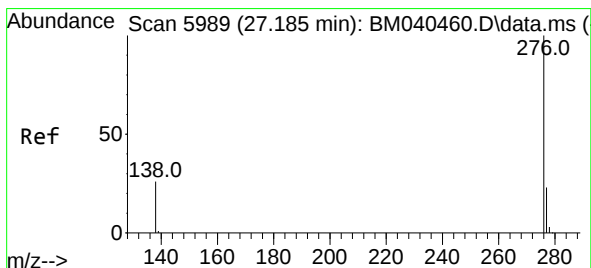
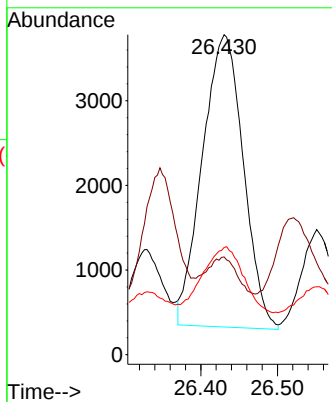
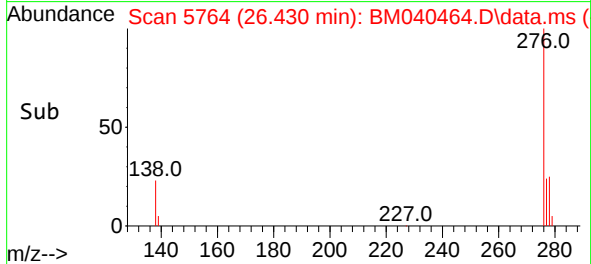
Instrument :
BNA_M
ClientSampleId :
DCFY5



Tgt Ion:278 Resp: 12820
Ion Ratio Lower Upper
278 100
139 30.6 17.9 26.9#
279 33.5 22.0 33.0#

Manual Integrations
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Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040464.D
Acq: 30 Jun 2023 10:16

Tgt Ion:276 Resp: 9660
Ion Ratio Lower Upper
276 100
138 40.8 23.0 34.6#
277 31.2 20.3 30.5#

