

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040468.D
 Acq On : 30 Jun 2023 12:44
 Operator : MA/JU
 Sample : 03239-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ4

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:03:02 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	5972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	22613	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	11034	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	23135	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	17578	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	17246	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	23779	2.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5539	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9945	0.176	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.795	128	4104	0.066	ng/ul#	86
7) 2-Methylnaphthalene	12.406	142	2306	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	1474	0.040	ng/ul	98
10) Acenaphthylene	14.300	152	4088	0.083	ng/ul#	90
11) Acenaphthene	14.642	153	1012	0.024	ng/ul	91
12) Fluorene	15.627	166	1497	0.034	ng/ul#	91
15) Phenanthrene	17.366	178	26197	0.365	ng/ul	99
16) Anthracene	17.459	178	13863	0.230	ng/ul	97
19) Fluoranthene	19.380	202	71743	0.961	ng/ul	100
20) Pyrene	19.747	202	55571m	0.694	ng/ul	
21) Benzo(a)anthracene	21.489	228	34155	0.574	ng/ul	96
22) Chrysene	21.541	228	45339	0.668	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	66631	0.998	ng/ul	99
25) Benzo(k)fluoranthene	23.222	252	24807m	0.377	ng/ul	
26) Benzo(a)pyrene	23.809	252	39246	0.653	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.417	276	36513	0.436	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.431	278	9010	0.137	ng/ul#	73
29) Benzo(g,h,i)perylene	27.195	276	36176	0.493	ng/ul	99

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

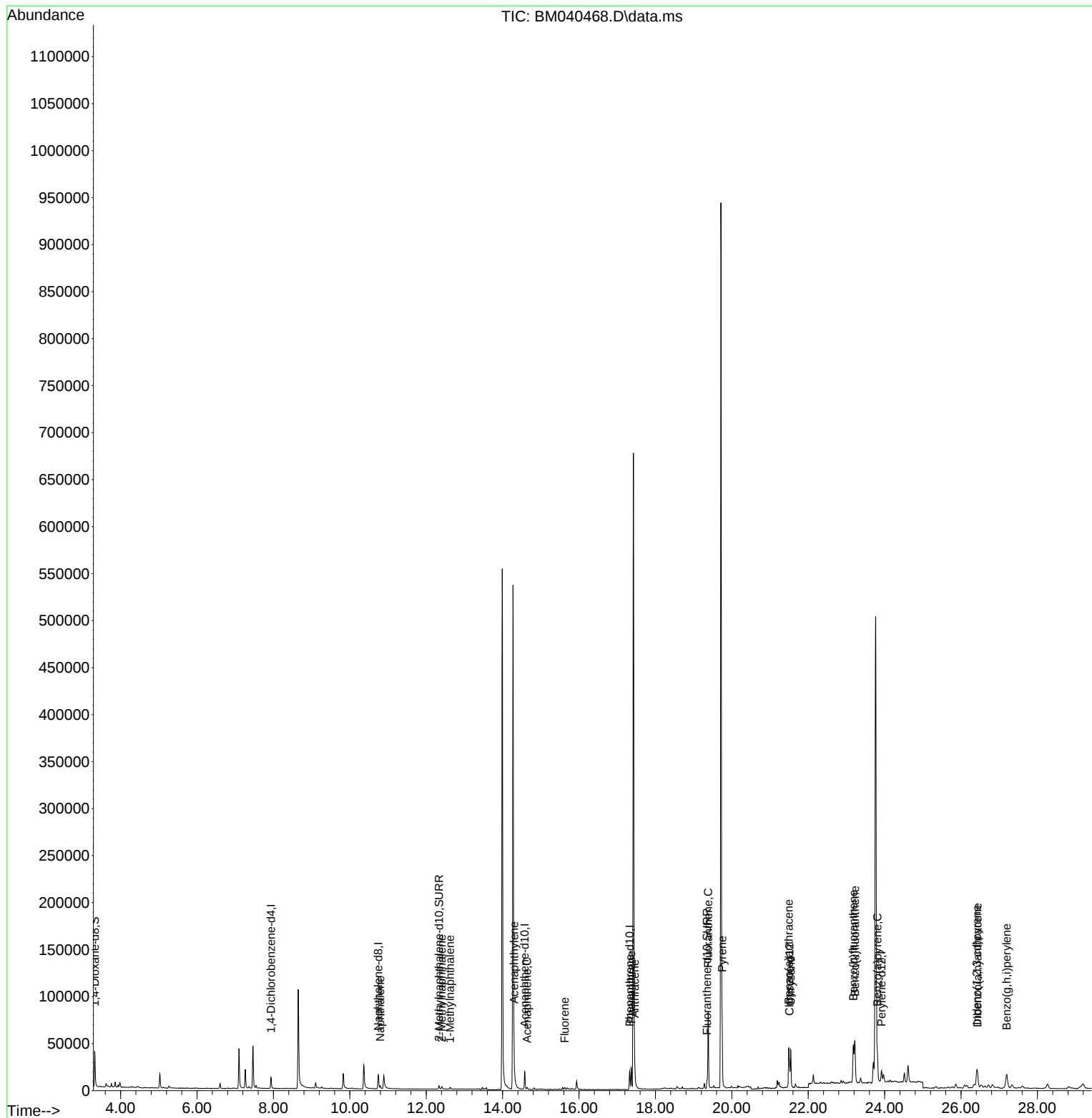
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040468.D
Acq On : 30 Jun 2023 12:44
Operator : MA/JU
Sample : 03239-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

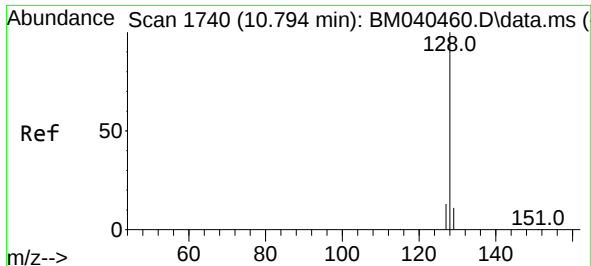
Instrument :
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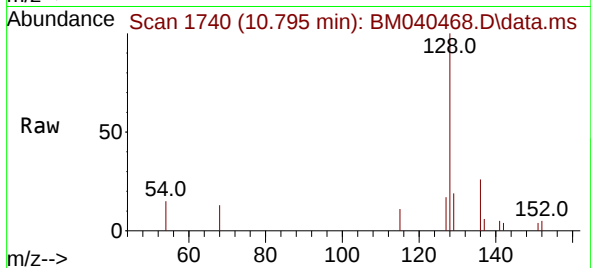
Quant Time: Jul 01 03:03:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

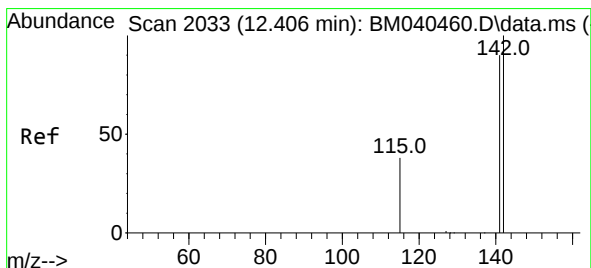
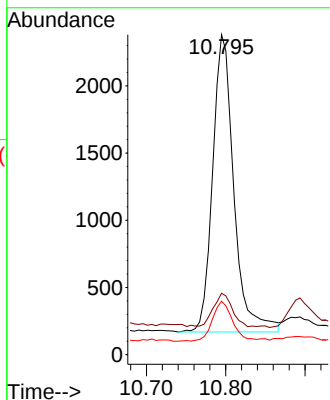
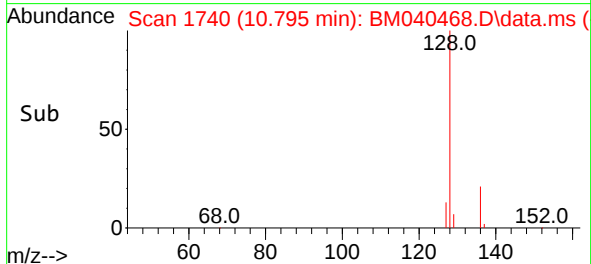
Instrument :
BNA_M
ClientSampleId :
DCFZ4



Tgt Ion:128 Resp: 4104
Ion Ratio Lower Upper
128 100
129 19.2 9.2 13.8
127 16.7 10.6 15.8

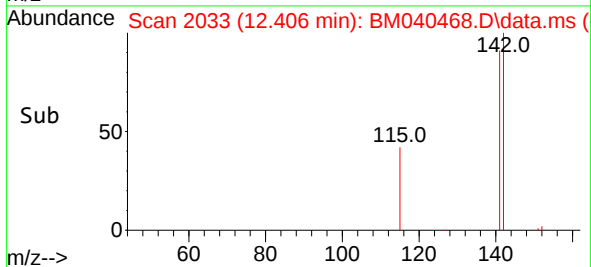
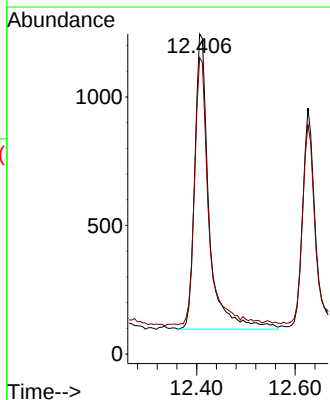
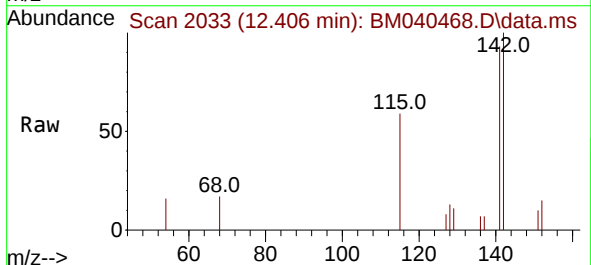
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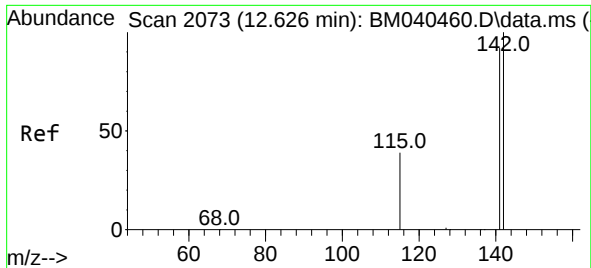
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

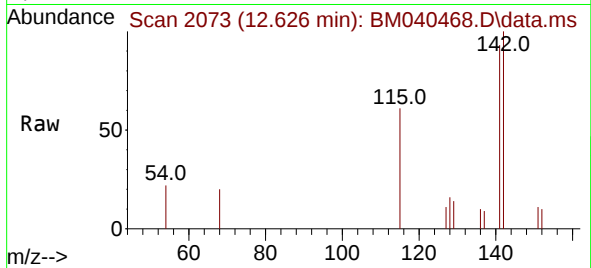
Tgt Ion:142 Resp: 2306
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

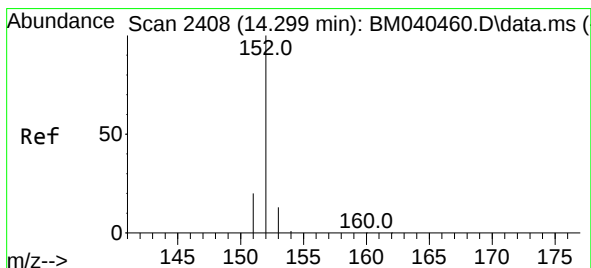
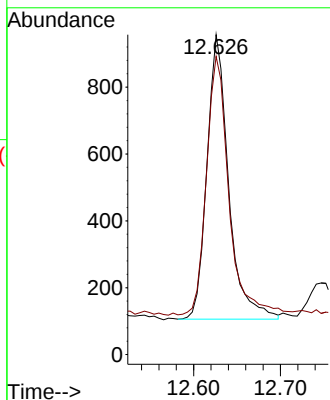
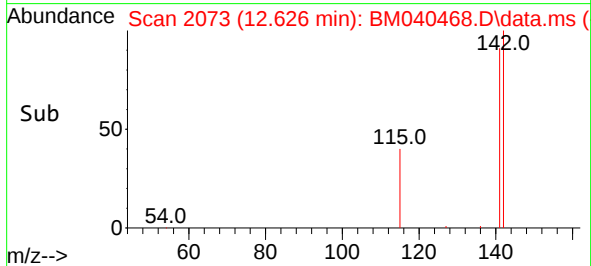
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1474
Ion Ratio Lower Upper
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141 94.2 73.7 110.5

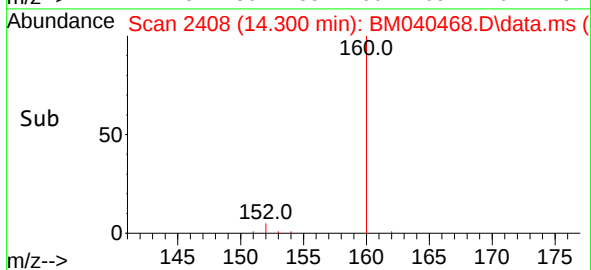
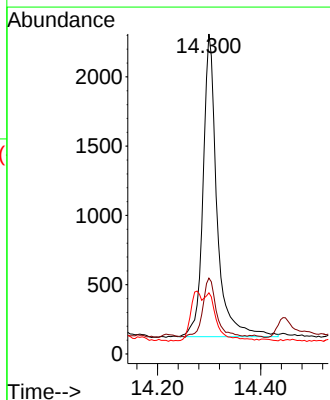
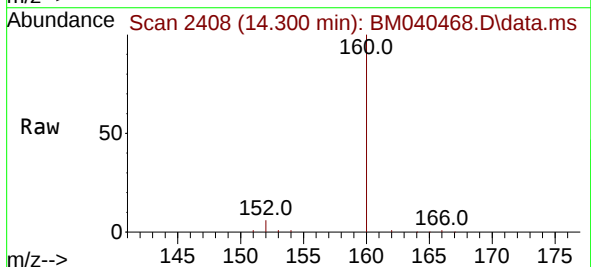
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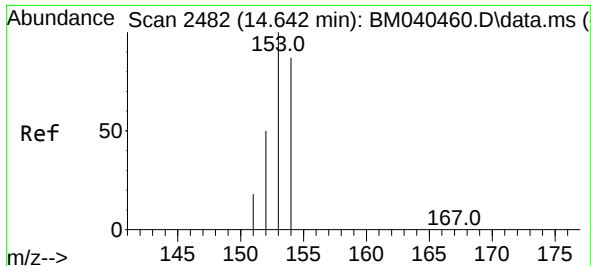
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

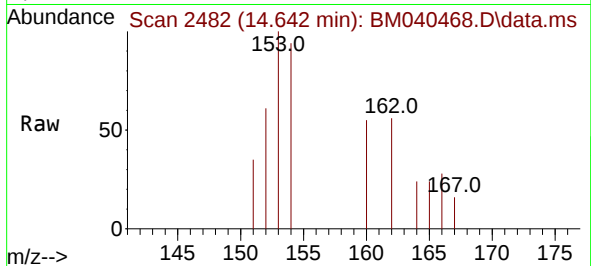
Tgt Ion:152 Resp: 4088
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2
153 19.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

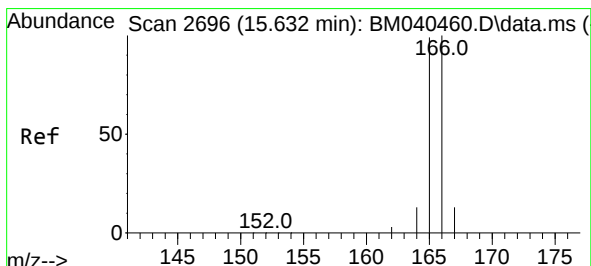
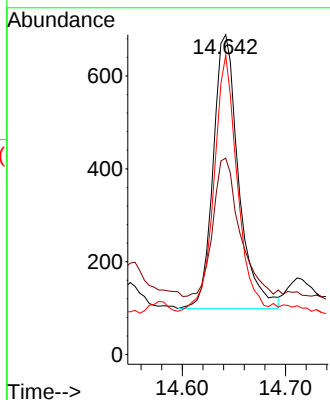
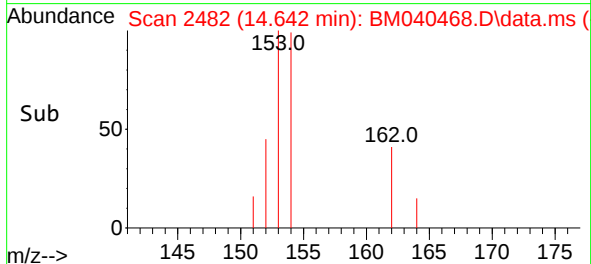
Instrument :
BNA_M
ClientSampleId :
DCFZ4



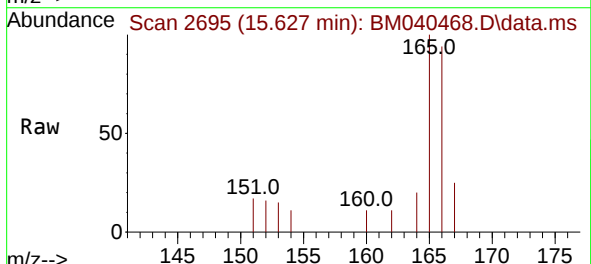
Tgt Ion:153 Resp: 101
Ion Ratio Lower Upper
153 100
152 61.4 41.0 61.4
154 93.6 70.8 106.2

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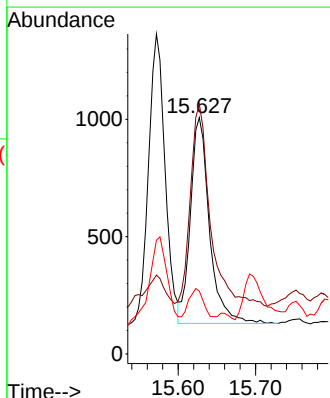
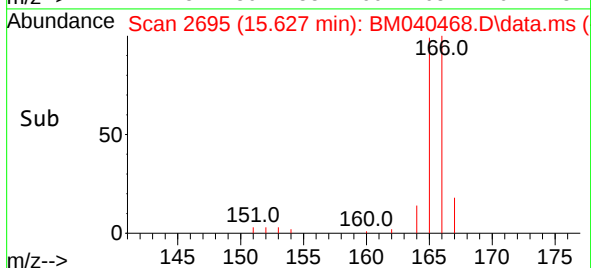
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

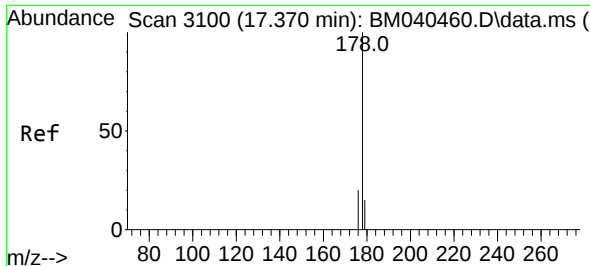


#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44



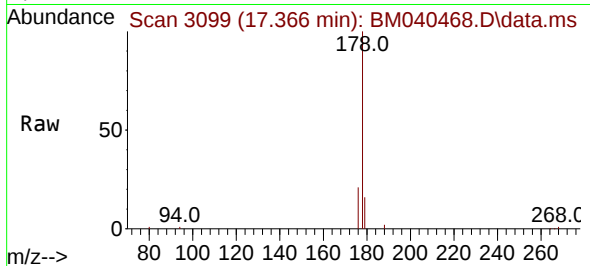
Tgt Ion:166 Resp: 1497
Ion Ratio Lower Upper
166 100
165 105.9 79.6 119.4
167 26.6 11.4 17.0#





#15
Phenanthrene
Concen: 0.365 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

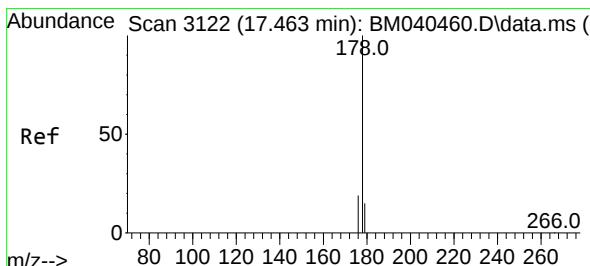
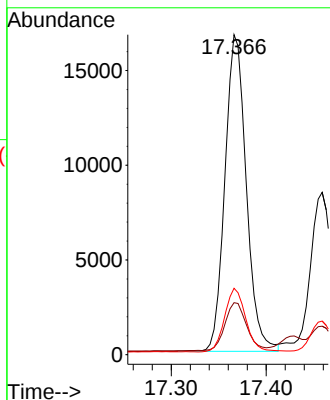
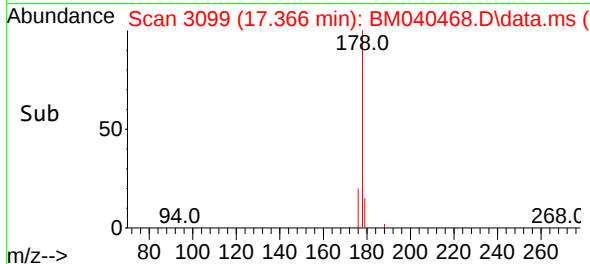
Instrument :
BNA_M
ClientSampleId :
DCFZ4



Tgt Ion:178 Resp: 26197
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.8 16.4 24.6

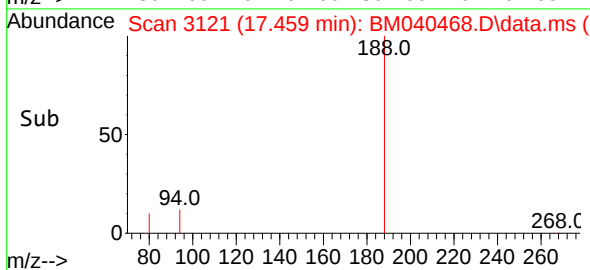
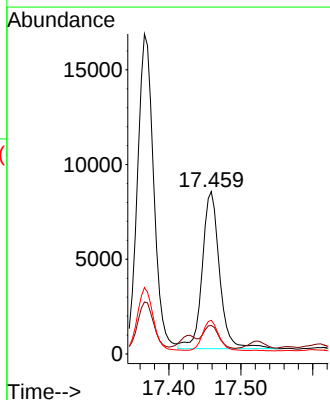
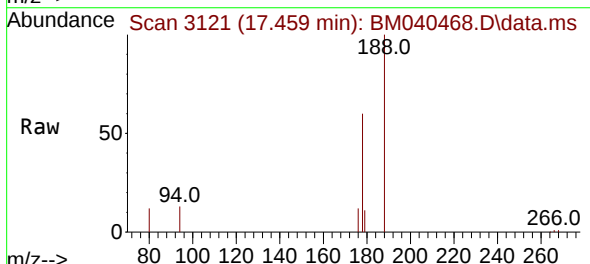
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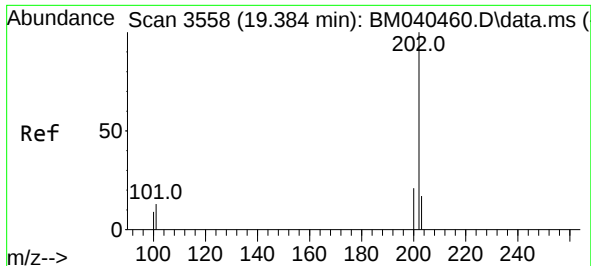
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.230 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:178 Resp: 13863
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 20.7 15.8 23.6





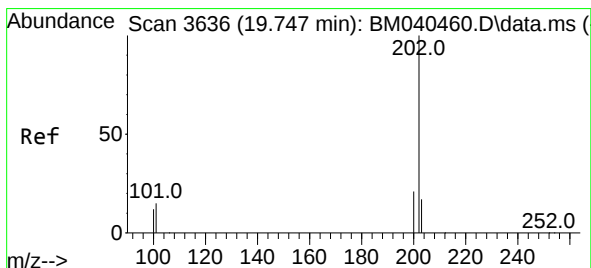
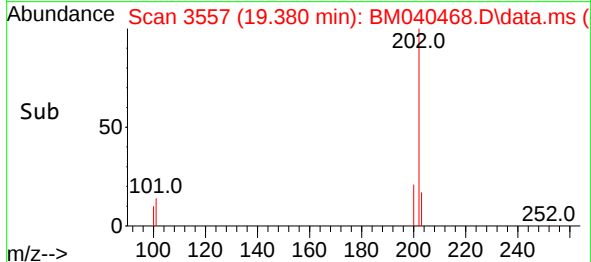
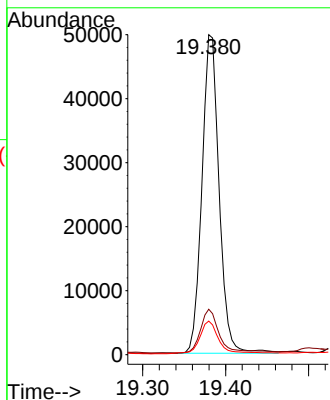
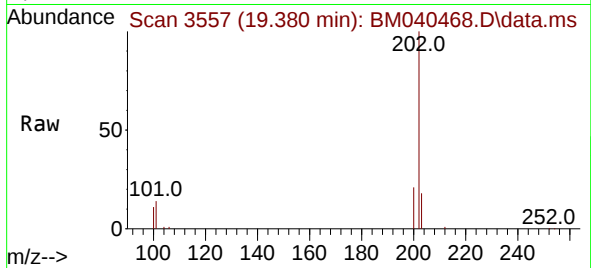
#19
Fluoranthene
Concen: 0.961 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 7174
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 10.5 8.7 13.1

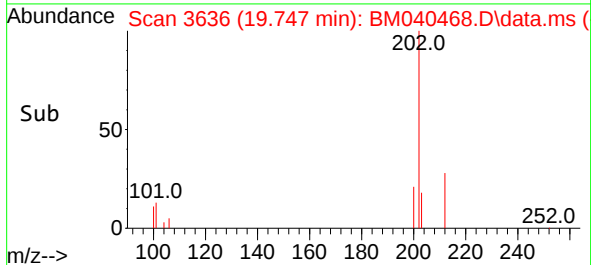
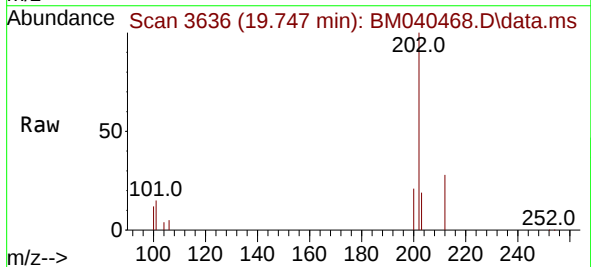
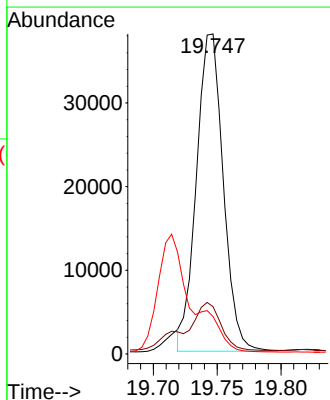
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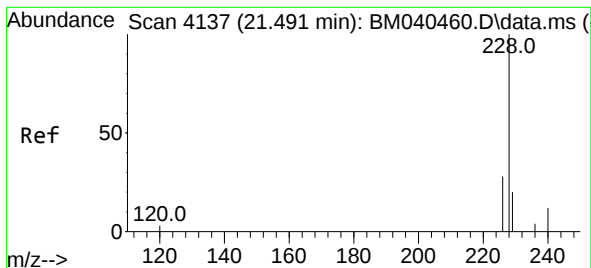
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 0.694 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

Tgt Ion:202 Resp: 55571
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.7 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.574 ng/ul

RT: 21.489 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040468.D

Acq: 30 Jun 2023 12:44

Instrument :

BNA_M

ClientSampleId :

DCFZ4

Tgt Ion:228 Resp: 3415

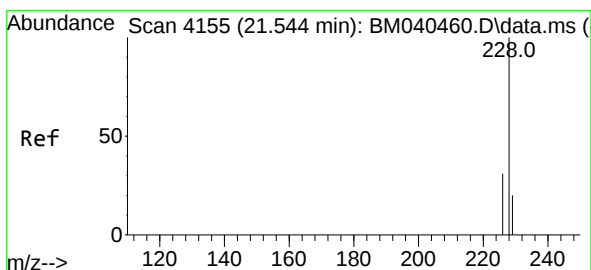
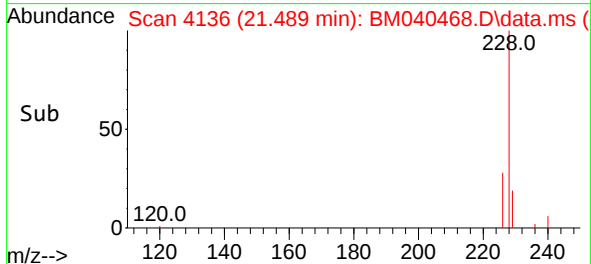
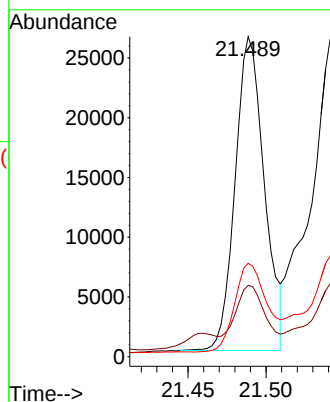
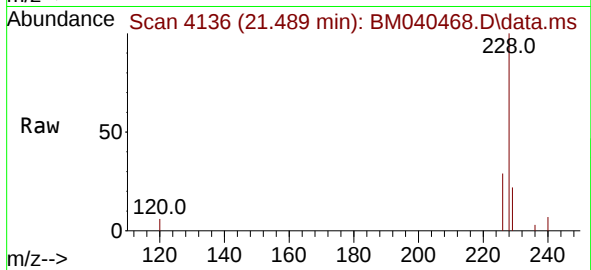
Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	29.2	22.3	33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#22

Chrysene

Concen: 0.668 ng/ul

RT: 21.541 min Scan# 4154

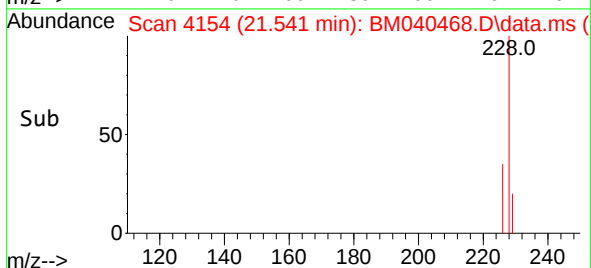
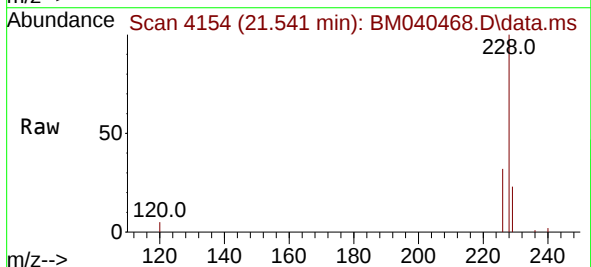
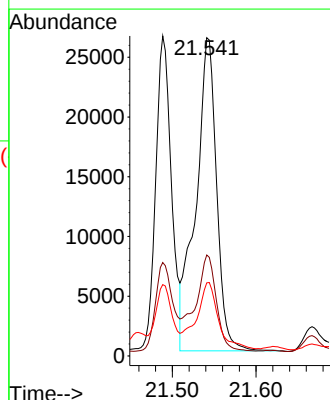
Delta R.T. -0.003 min

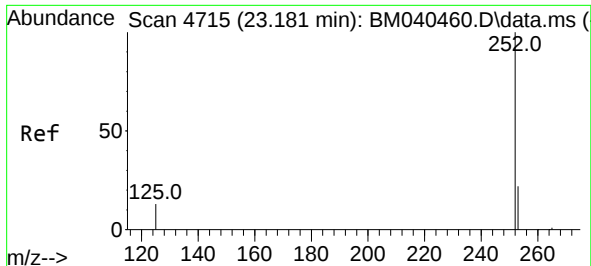
Lab File: BM040468.D

Acq: 30 Jun 2023 12:44

Tgt Ion:228 Resp: 45339

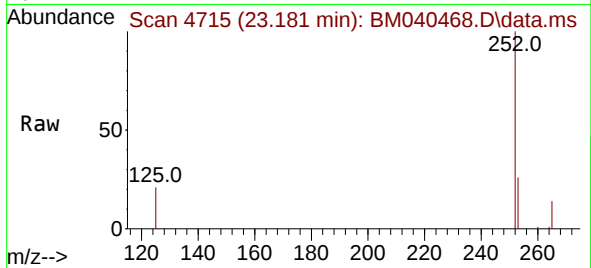
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	23.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 0.998 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

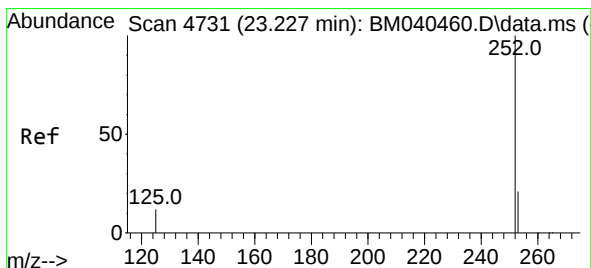
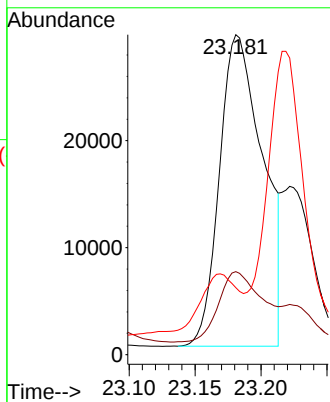
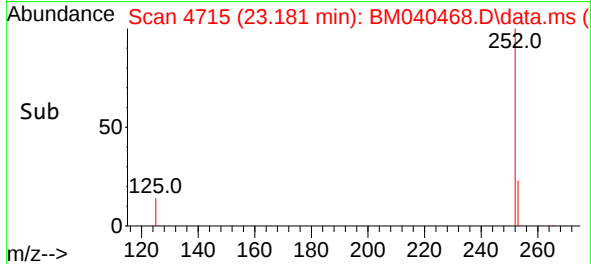
Instrument :
BNA_M
ClientSampleId :
DCFZ4



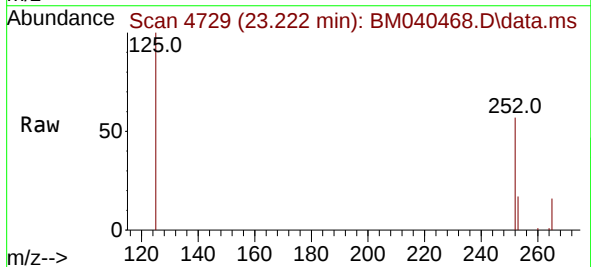
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Ion Ratio Lower Upper
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253 26.0 0.0 52.8
125 21.0 0.0 43.0

Manual Integrations
APPROVED

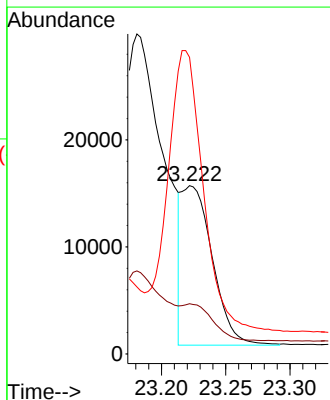
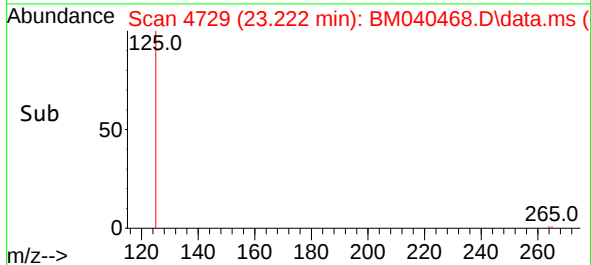
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

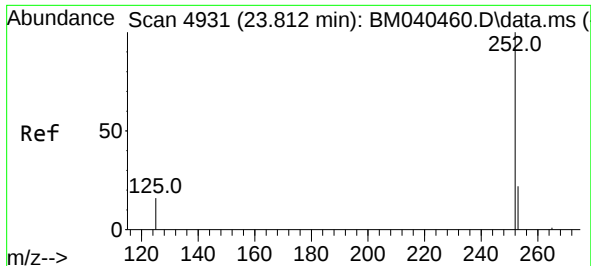


#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44



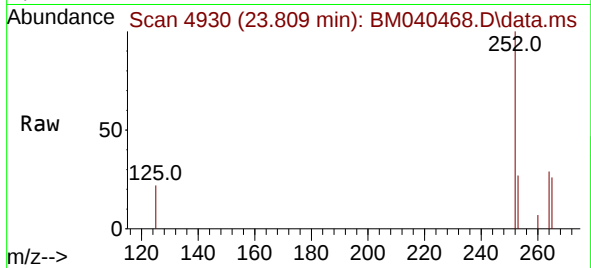
Tgt Ion:252 Resp: 24807
Ion Ratio Lower Upper
252 100
253 29.8 21.2 31.8
125 176.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.653 ng/ul
RT: 23.809 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

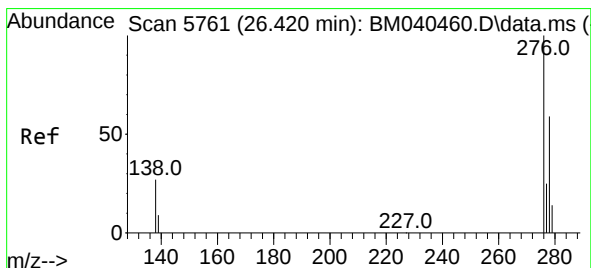
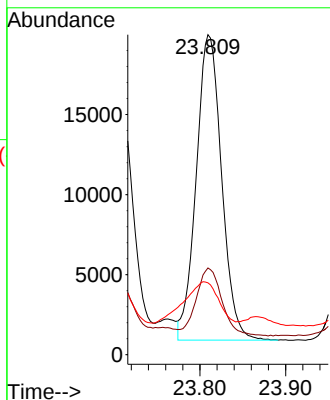
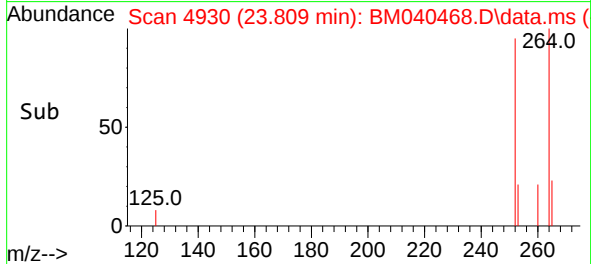
Instrument :
BNA_M
ClientSampleId :
DCFZ4



Tgt Ion:252 Resp: 39240
Ion Ratio Lower Upper
252 100
253 27.1 22.9 34.3
125 22.5 21.0 31.4

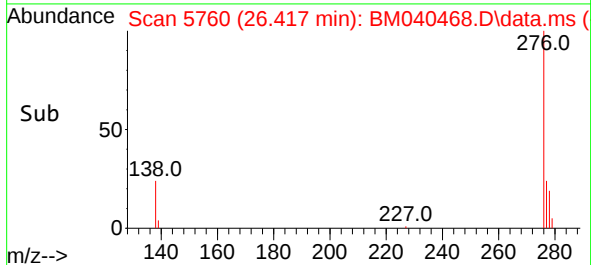
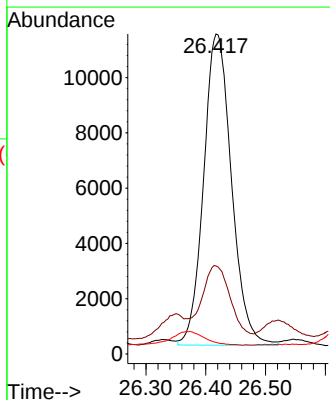
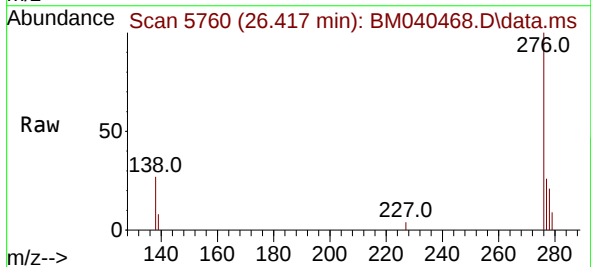
Manual Integrations
APPROVED

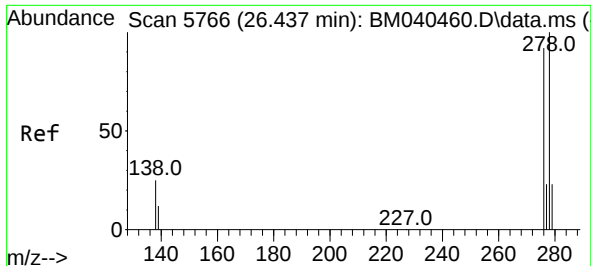
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

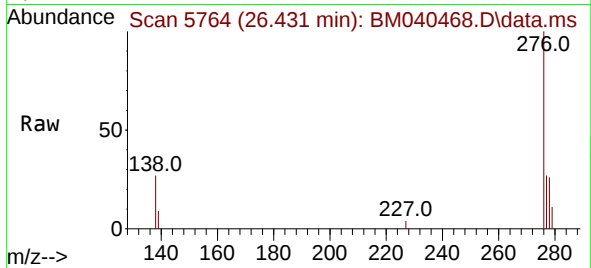
Tgt Ion:276 Resp: 36513
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.137 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.006 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44

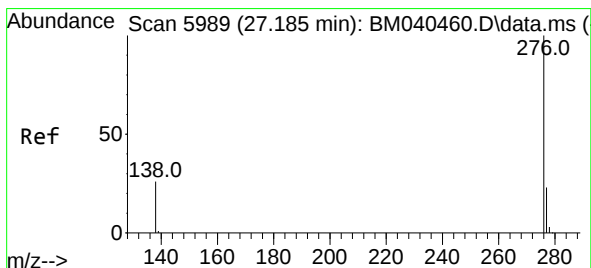
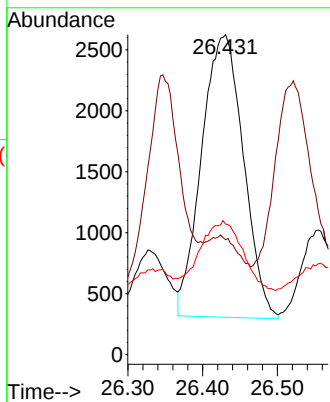
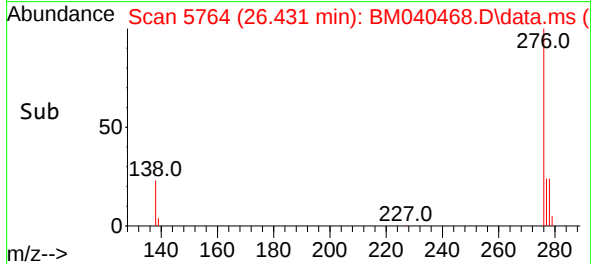
Instrument :
BNA_M
ClientSampleId :
DCFZ4



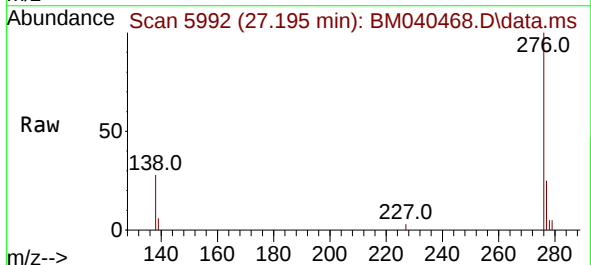
Tgt Ion:278 Resp: 9010
Ion Ratio Lower Upper
278 100
139 36.0 17.9 26.9
279 40.8 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040468.D
Acq: 30 Jun 2023 12:44



Tgt Ion:276 Resp: 36176
Ion Ratio Lower Upper
276 100
138 28.3 23.0 34.6
277 25.5 20.3 30.5

