

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040492.D
 Acq On : 01 Jul 2023 03:48
 Operator : MA/JU
 Sample : 03161-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW7

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 04:25:57 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	7.932	152	7220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	26442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	13584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	25945	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	13484	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	14975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	32628	2.877	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	7881	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	11647	0.269	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	10901	0.149	ng/ul#	95
7) 2-Methylnaphthalene	12.406	142	5309	0.124	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	3780	0.088	ng/ul	99
10) Acenaphthylene	14.300	152	16729	0.276	ng/ul	98
11) Acenaphthene	14.637	153	7414	0.145	ng/ul	97
12) Fluorene	15.623	166	7548	0.138	ng/ul#	96
15) Phenanthrene	17.366	178	214079	2.656	ng/ul	99
16) Anthracene	17.459	178	30934	0.457	ng/ul	99
19) Fluoranthene	19.380	202	685570	11.969	ng/ul	96
20) Pyrene	19.742	202	530991	8.647	ng/ul	98
21) Benzo(a)anthracene	21.489	228	244005	5.350	ng/ul	98
22) Chrysene	21.544	228	268846	5.167	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	439071	7.576	ng/ul	89
25) Benzo(k)fluoranthene	23.228	252	154188m	2.700	ng/ul	
26) Benzo(a)pyrene	23.812	252	281018	5.383	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.424	276	242040	3.329	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.434	278	56887	0.999	ng/ul	96
29) Benzo(g,h,i)perylene	27.199	276	215991	3.390	ng/ul	95

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

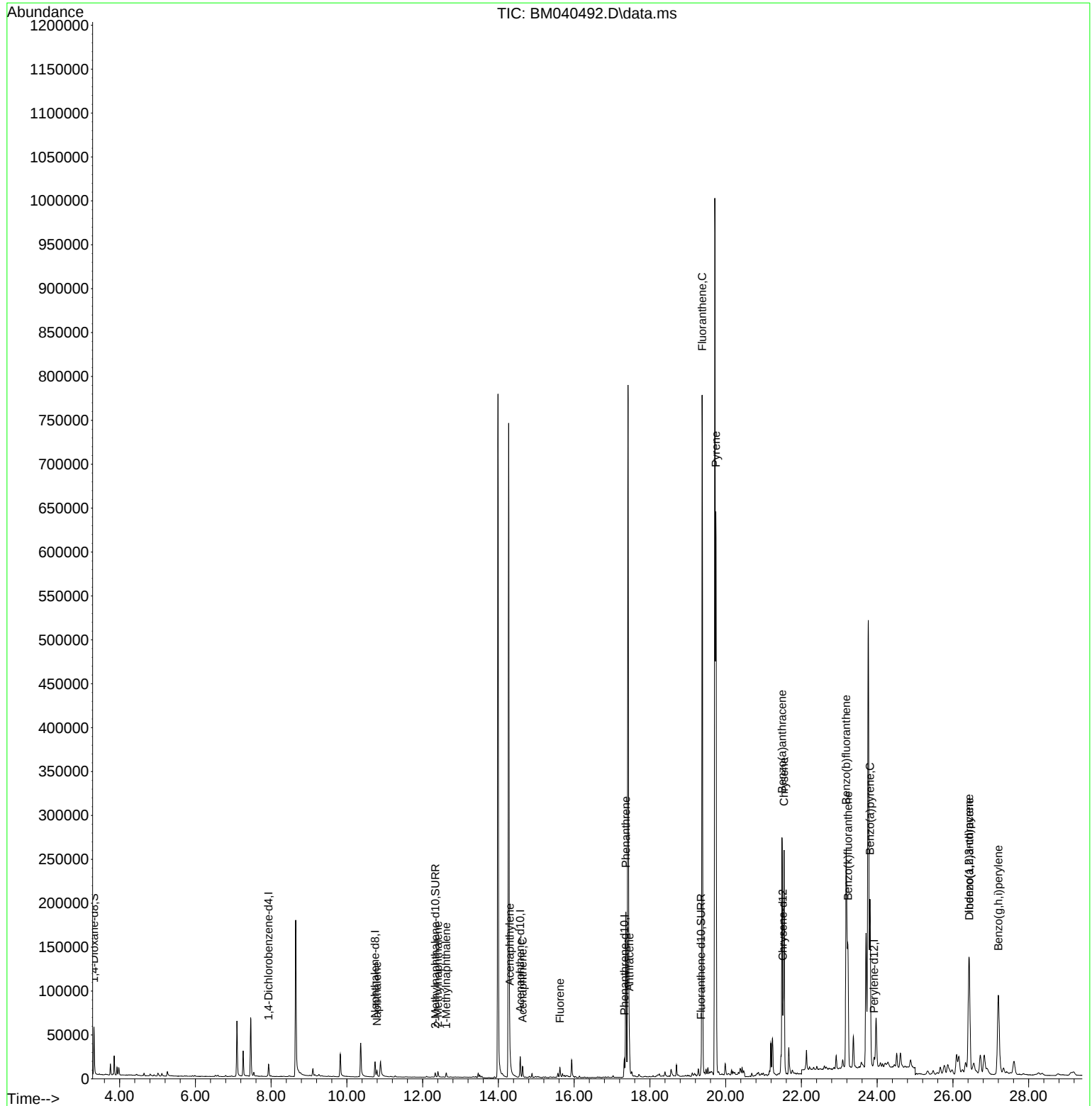
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040492.D
Acq On : 01 Jul 2023 03:48
Operator : MA/JU
Sample : 03161-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

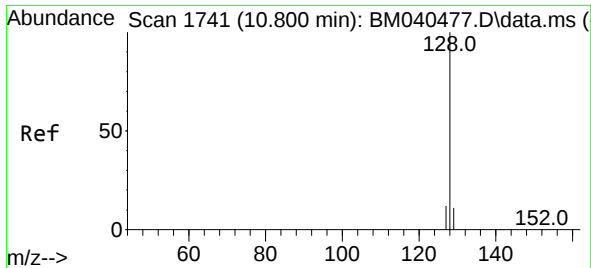
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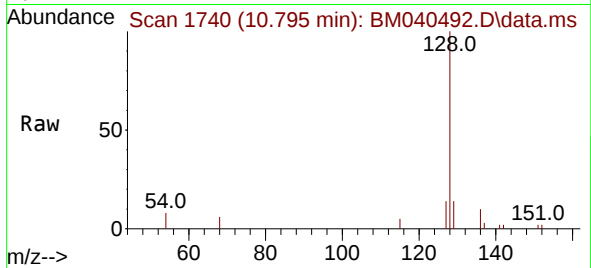
Quant Time: Jul 01 04:25:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.795 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

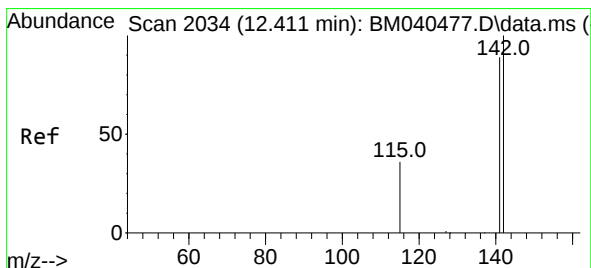
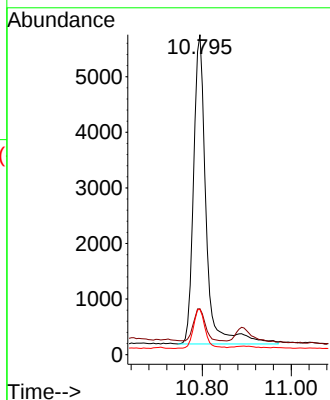
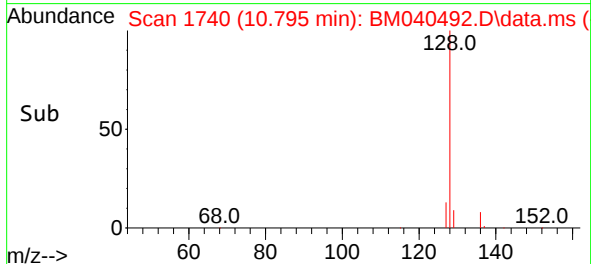
Instrument :
BNA_M
ClientSampleId :
DCF7



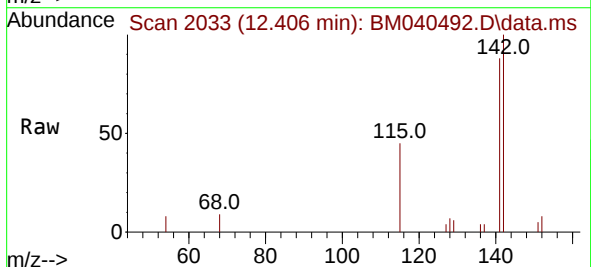
Tgt Ion:128 Resp: 1090
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8
127 14.1 10.6 15.8

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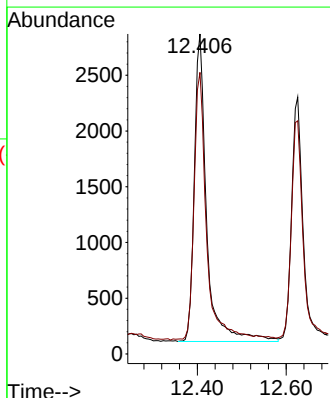
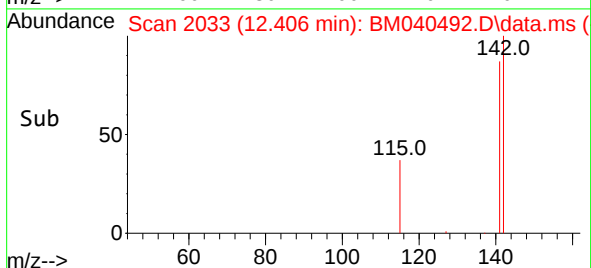
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

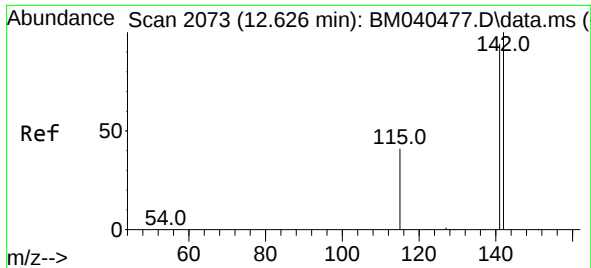


#7
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48



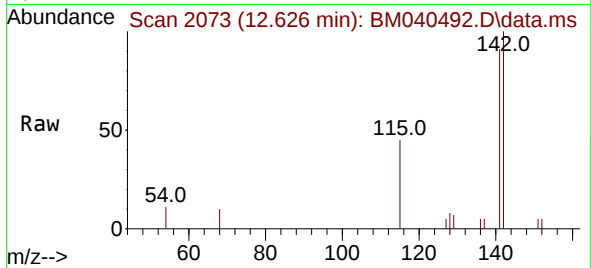
Tgt Ion:142 Resp: 5309
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

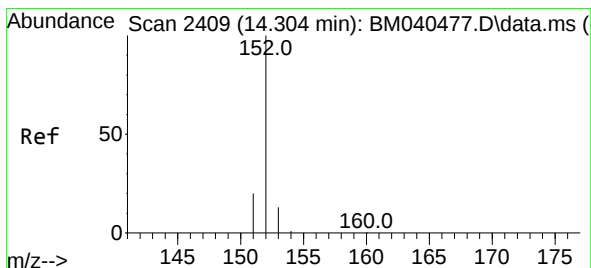
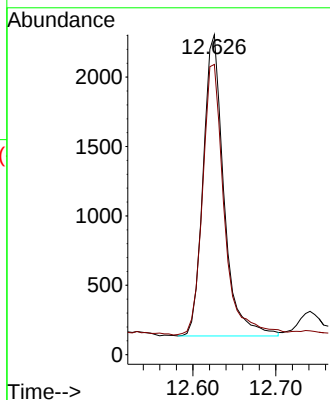
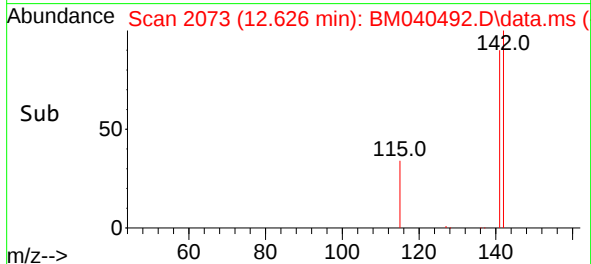
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Tgt Ion:142 Resp: 3780
Ion Ratio Lower Upper
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141 93.2 73.7 110.5

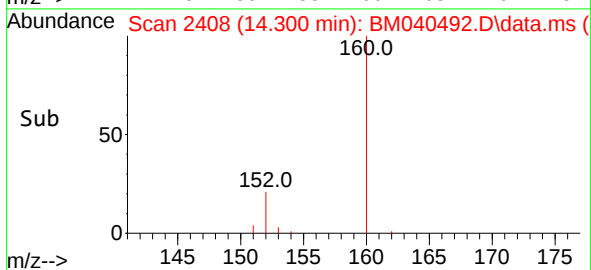
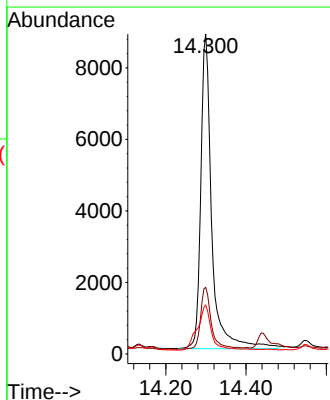
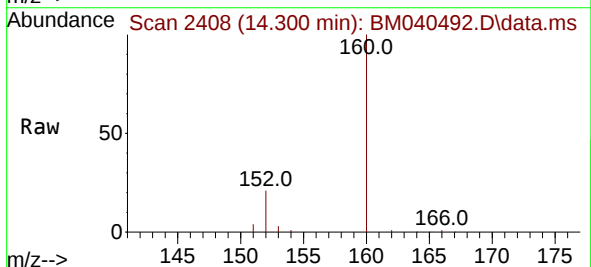
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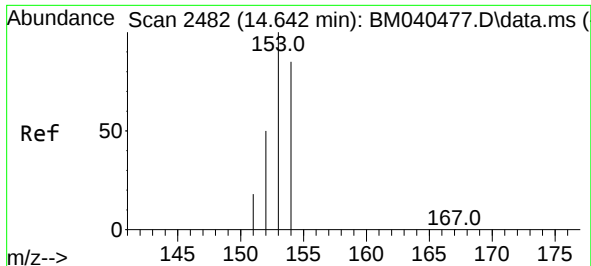
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

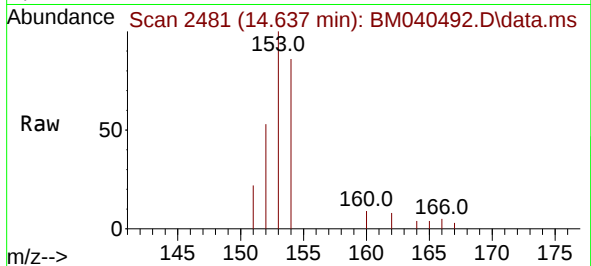
Tgt Ion:152 Resp: 16729
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.145 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

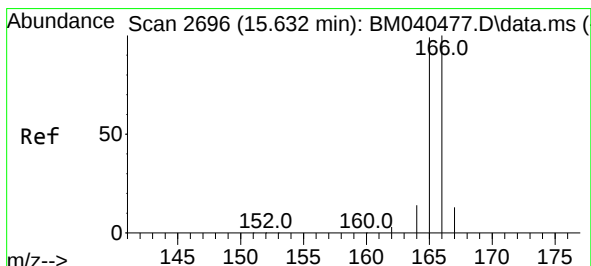
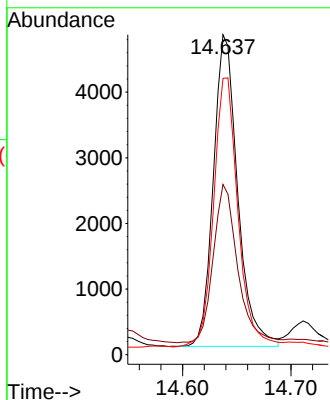
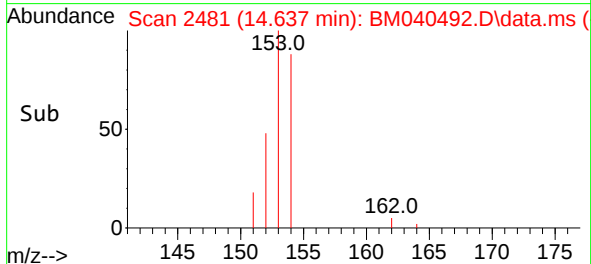
Instrument :
BNA_M
ClientSampleId :
DCF7



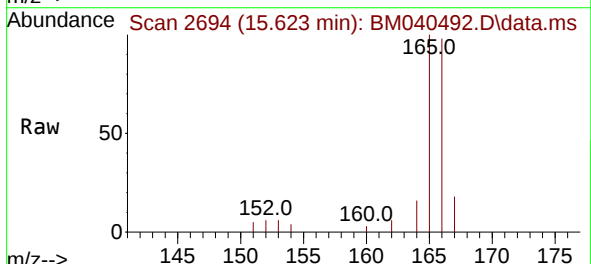
Tgt Ion:153 Resp: 7414
Ion Ratio Lower Upper
153 100
152 53.2 41.0 61.4
154 86.3 70.8 106.2

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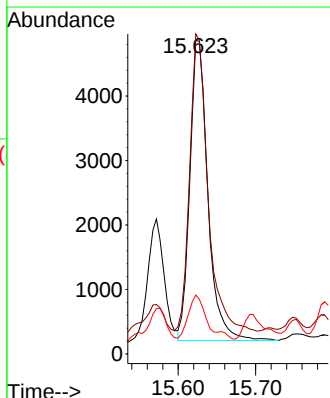
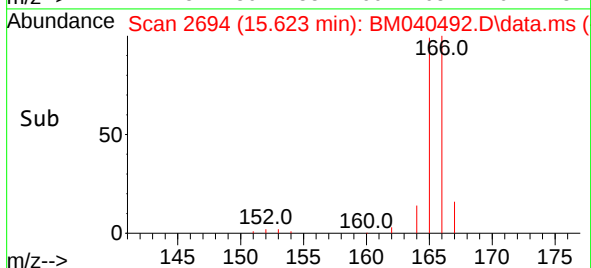
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

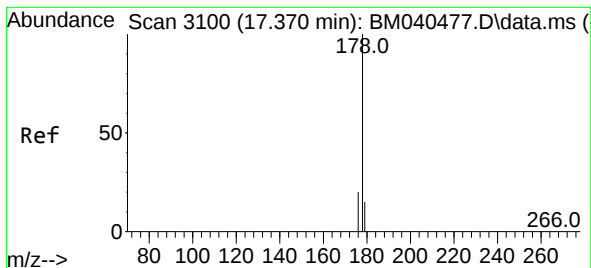


#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48



Tgt Ion:166 Resp: 7548
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 18.8 11.4 17.0#





#15

Phenanthrene

Concen: 2.656 ng/u1

RT: 17.366 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM040492.D

Acq: 01 Jul 2023 03:48

Instrument :

BNA_M

ClientSampleId :

DCF7

Tgt Ion:178 Resp: 214079

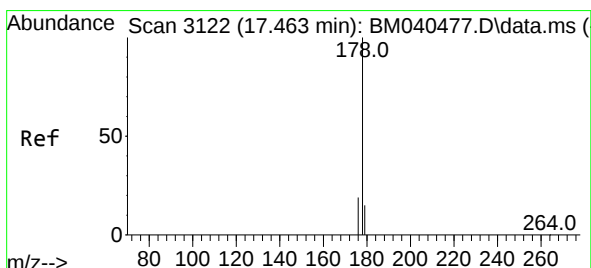
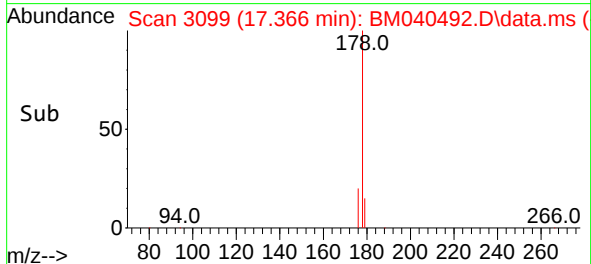
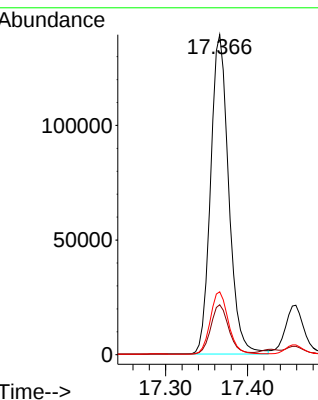
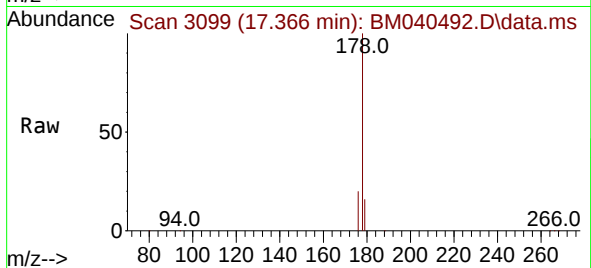
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.7	16.4	24.6

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#16

Anthracene

Concen: 0.457 ng/u1

RT: 17.459 min Scan# 3121

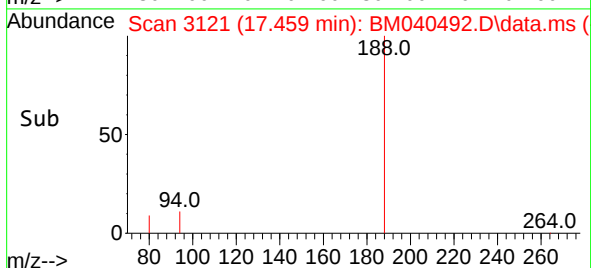
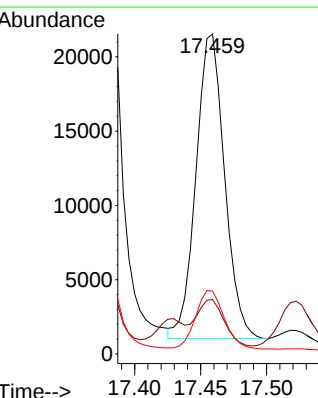
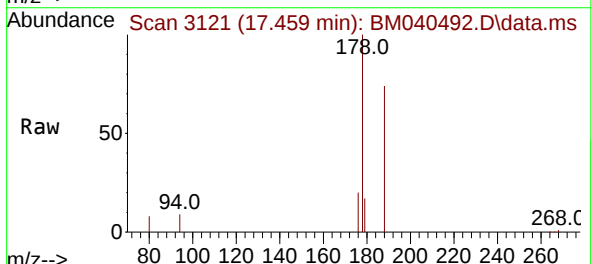
Delta R.T. -0.004 min

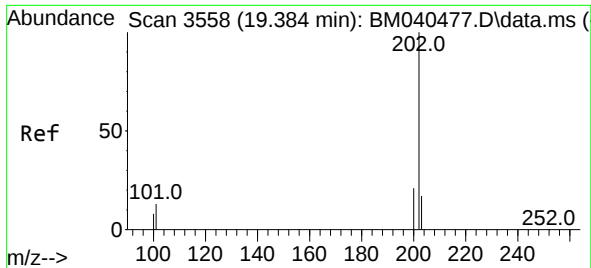
Lab File: BM040492.D

Acq: 01 Jul 2023 03:48

Tgt Ion:178 Resp: 30934

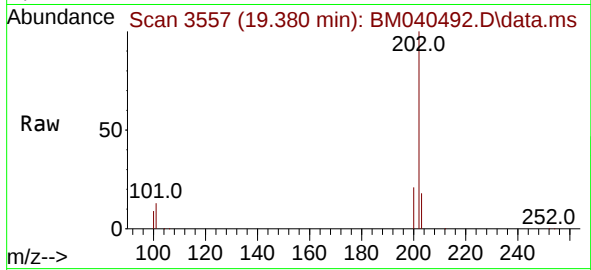
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.7	15.8	23.6





#19
Fluoranthene
Concen: 11.969 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

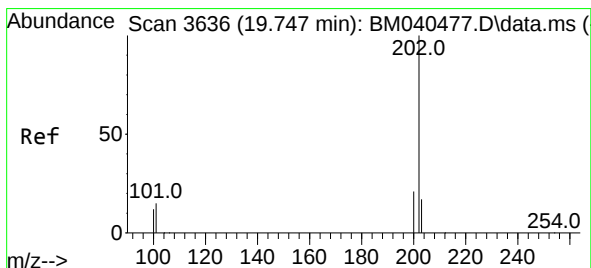
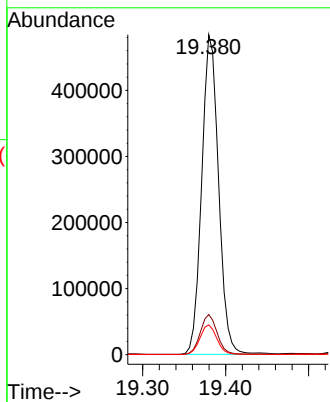
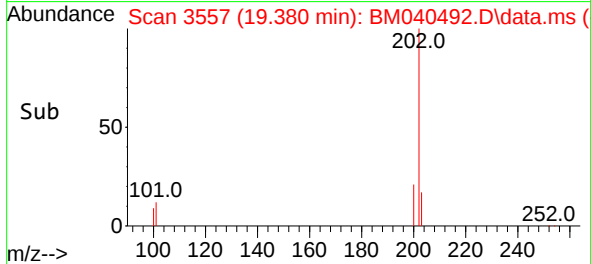
Instrument :
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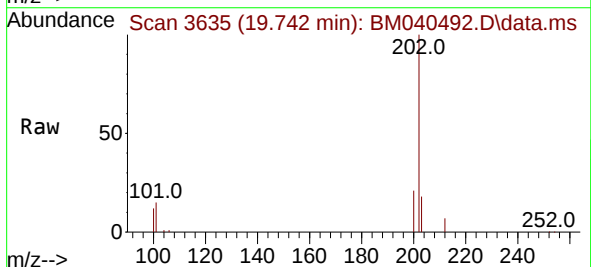
Tgt Ion:202 Resp: 685570
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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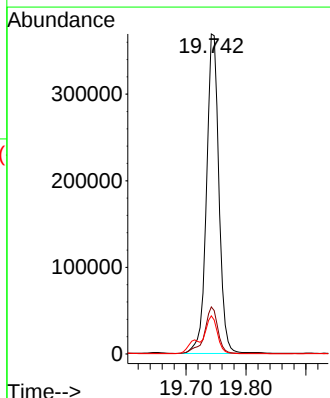
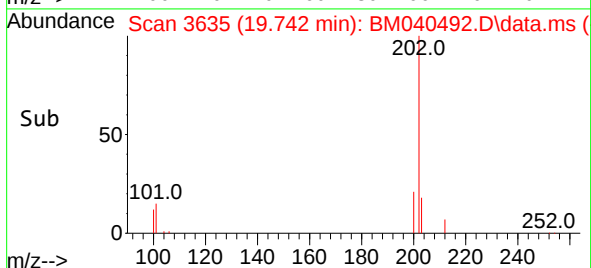
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Supervised By :mohammad ahmed 07/01/2023

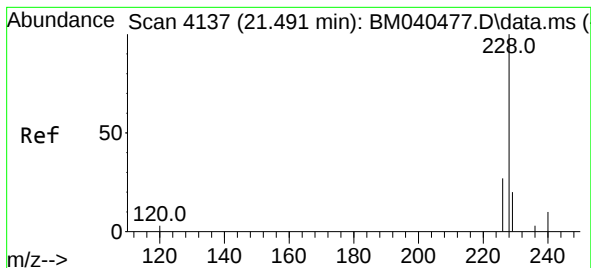


#20
Pyrene
Concen: 8.647 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48



Tgt Ion:202 Resp: 530991
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.9 9.8 14.6





#21

Benzo(a)anthracene

Concen: 5.350 ng/ul

RT: 21.489 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040492.D

Acq: 01 Jul 2023 03:48

Instrument :

BNA_M

ClientSampleId :

DCF7

Tgt Ion:228 Resp: 244000

Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

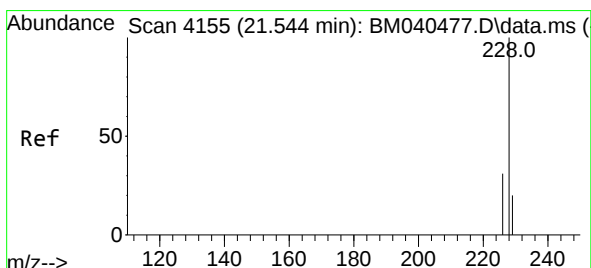
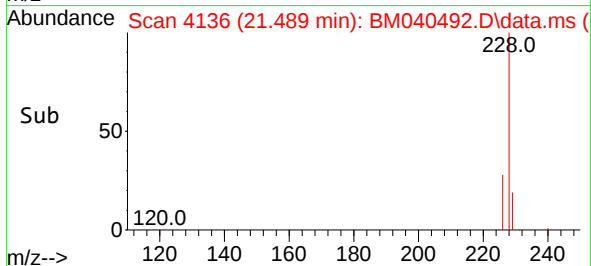
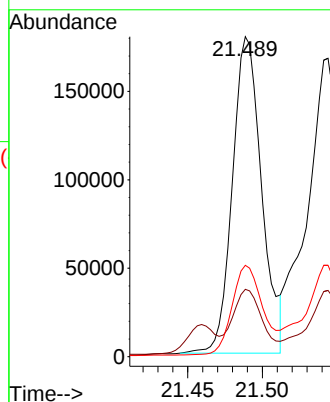
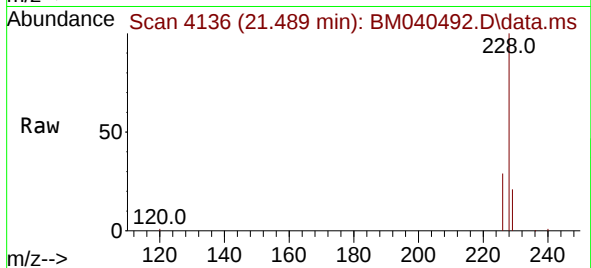
226 28.6 22.3 33.5

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#22

Chrysene

Concen: 5.167 ng/ul

RT: 21.544 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BM040492.D

Acq: 01 Jul 2023 03:48

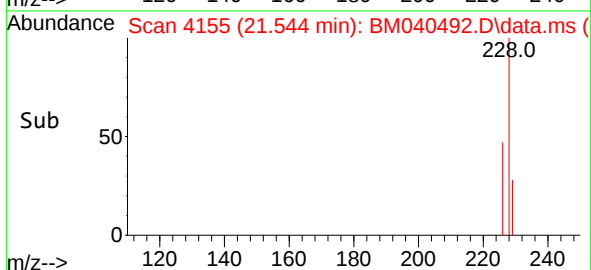
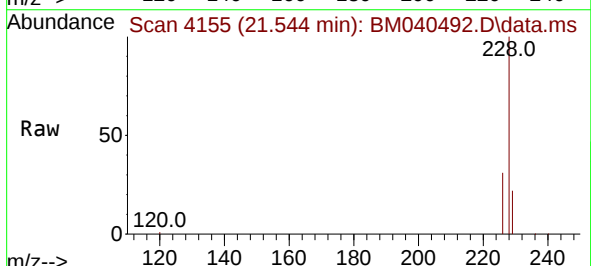
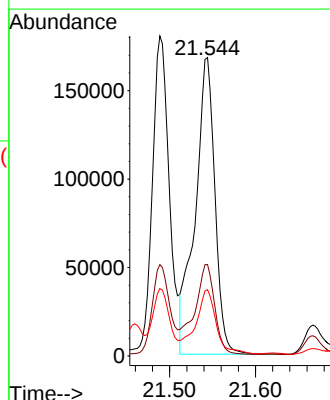
Tgt Ion:228 Resp: 268846

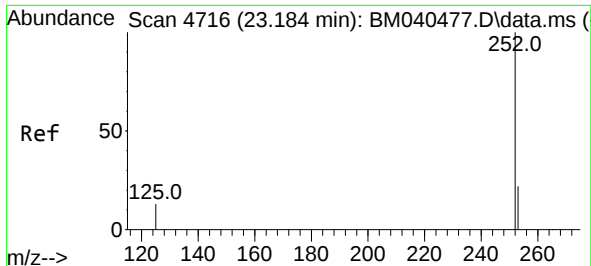
Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

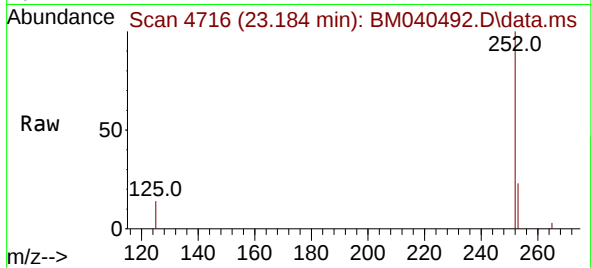
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.576 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

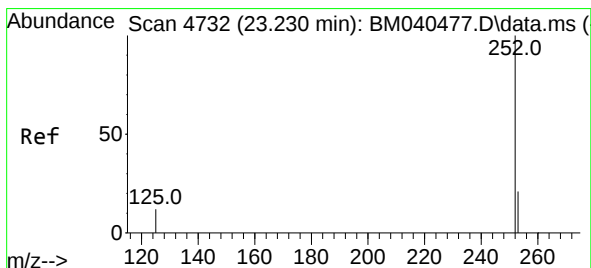
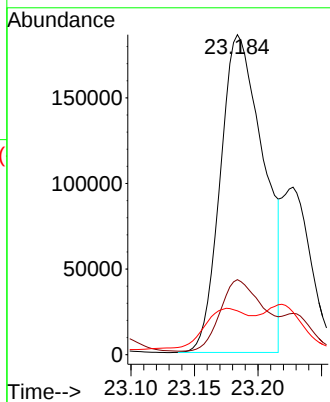
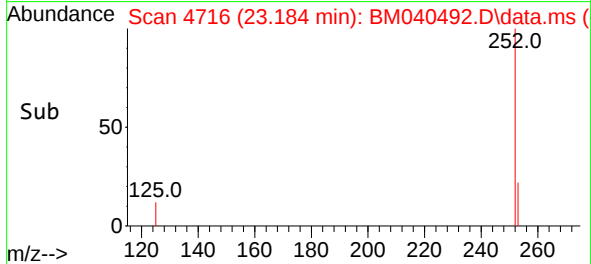
Instrument :
BNA_M
ClientSampleId :
DCFW7



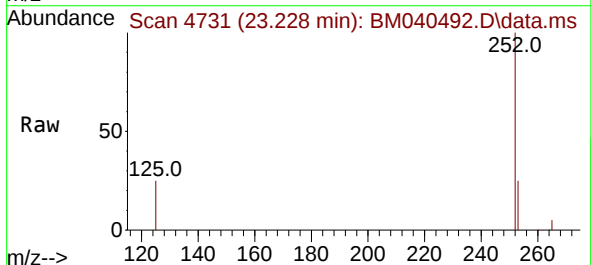
Tgt Ion:252 Resp: 43907
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 13.7 0.0 43.0

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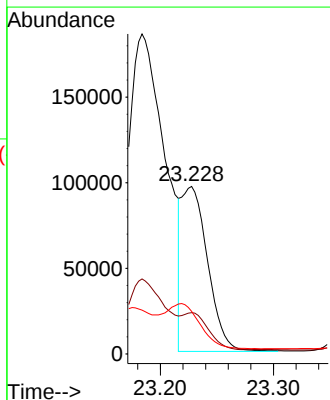
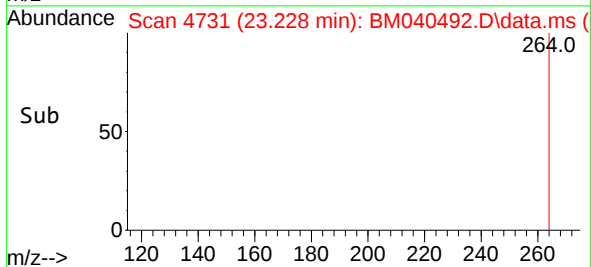
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

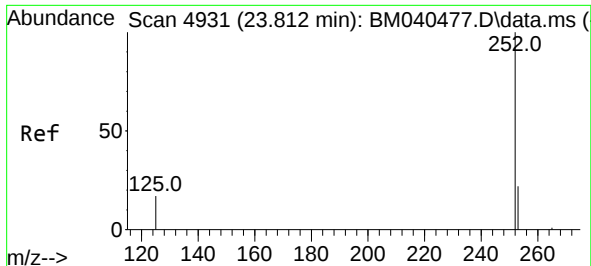


#25
Benzo(k)fluoranthene
Concen: 2.700 ng/ul m
RT: 23.228 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48



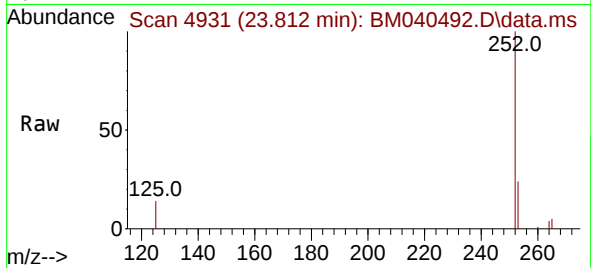
Tgt Ion:252 Resp: 154188
Ion Ratio Lower Upper
252 100
253 24.7 21.2 31.8
125 25.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 5.383 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

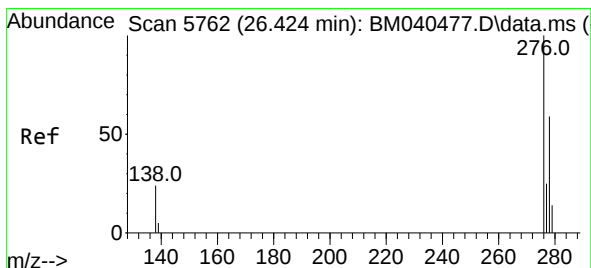
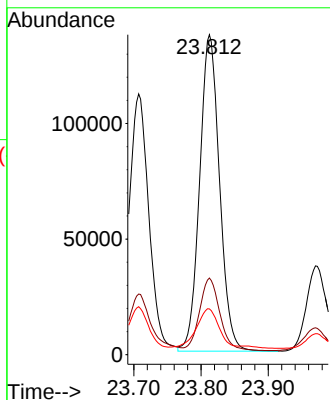
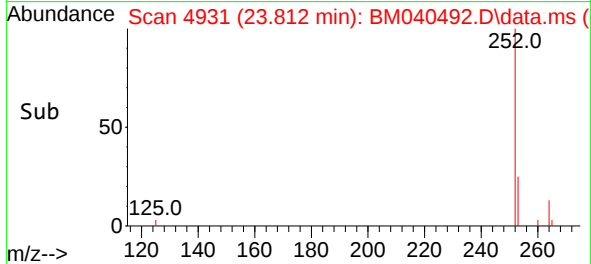
Instrument :
BNA_M
ClientSampleId :
DCF7



Tgt Ion:252 Resp: 281018
Ion Ratio Lower Upper
252 100
253 24.0 22.9 34.3
125 14.3 21.0 31.4

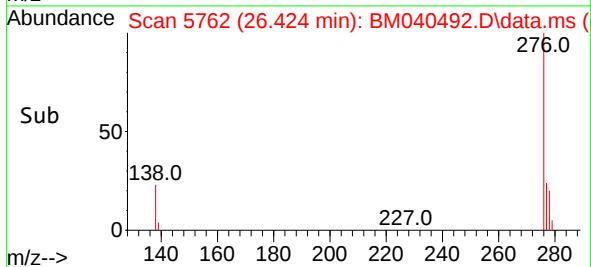
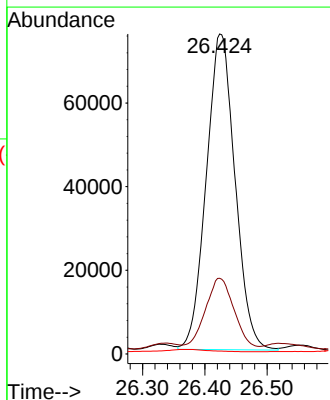
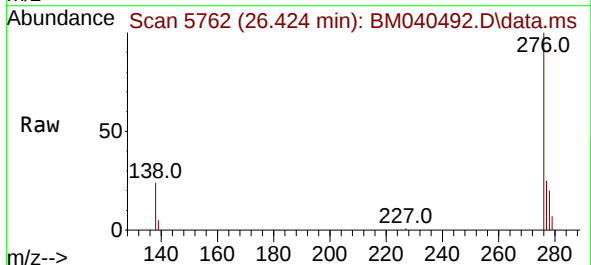
Manual Integrations
APPROVED

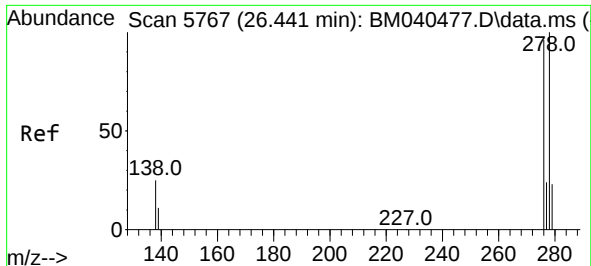
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.329 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.004 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

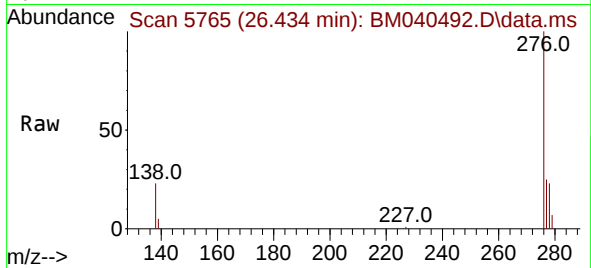
Tgt Ion:276 Resp: 242040
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.999 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48

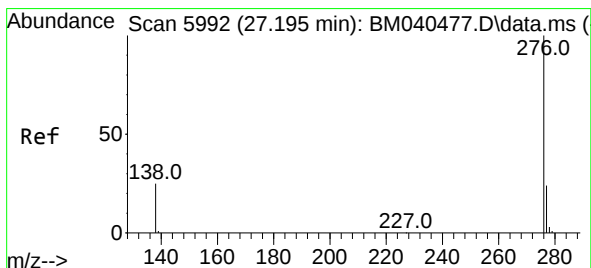
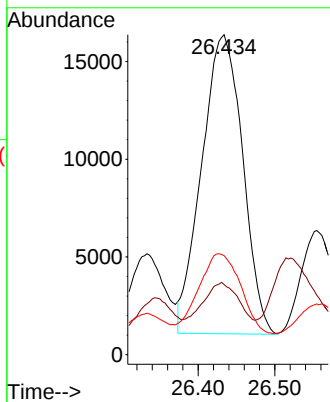
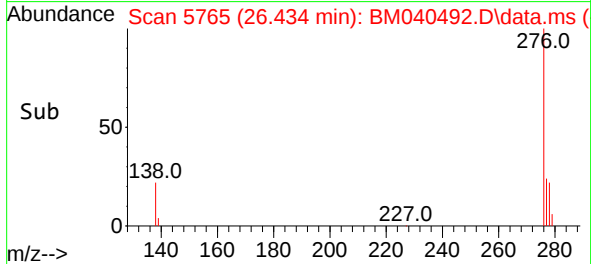
Instrument :
BNA_M
ClientSampleId :
DCF7



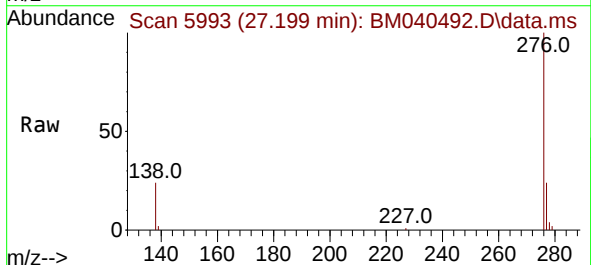
Tgt Ion:278 Resp: 5688
Ion Ratio Lower Upper
278 100
139 21.9 17.9 26.9
279 30.9 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.390 ng/ul
RT: 27.199 min Scan# 5993
Delta R.T. 0.014 min
Lab File: BM040492.D
Acq: 01 Jul 2023 03:48



Tgt Ion:276 Resp: 215991
Ion Ratio Lower Upper
276 100
138 24.3 23.0 34.6
277 24.4 20.3 30.5

