

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040357.D
 Acq On : 22 Jun 2023 20:20
 Operator : MA/JU
 Sample : 03084-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:27:30 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	8694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	31402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	17087	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32352	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	24406	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	22720	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	43913	3.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	11412	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	21776	0.278	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	30217	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	38970	0.766	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	28530	0.561	ng/ul	99
10) Acenaphthylene	14.313	152	23997	0.314	ng/ul#	95
11) Acenaphthene	14.656	153	4608	0.071	ng/ul	95
12) Fluorene	15.636	166	4582	0.067	ng/ul#	83
15) Phenanthrene	17.374	178	147914	1.472	ng/ul	99
16) Anthracene	17.467	178	18282	0.216	ng/ul	97
19) Fluoranthene	19.389	202	298196	2.876	ng/ul	98
20) Pyrene	19.751	202	269930	2.429	ng/ul	99
21) Benzo(a)anthracene	21.497	228	145352	1.761	ng/ul	96
22) Chrysene	21.550	228	201371	2.138	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	253989	2.889	ng/ul	97
25) Benzo(k)fluoranthene	23.239	252	80310m	0.927	ng/ul	
26) Benzo(a)pyrene	23.824	252	132565	1.674	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.434	276	108630	0.985	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.447	278	28914	0.335	ng/ul#	78
29) Benzo(g,h,i)perylene	27.212	276	125491	1.298	ng/ul	98

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

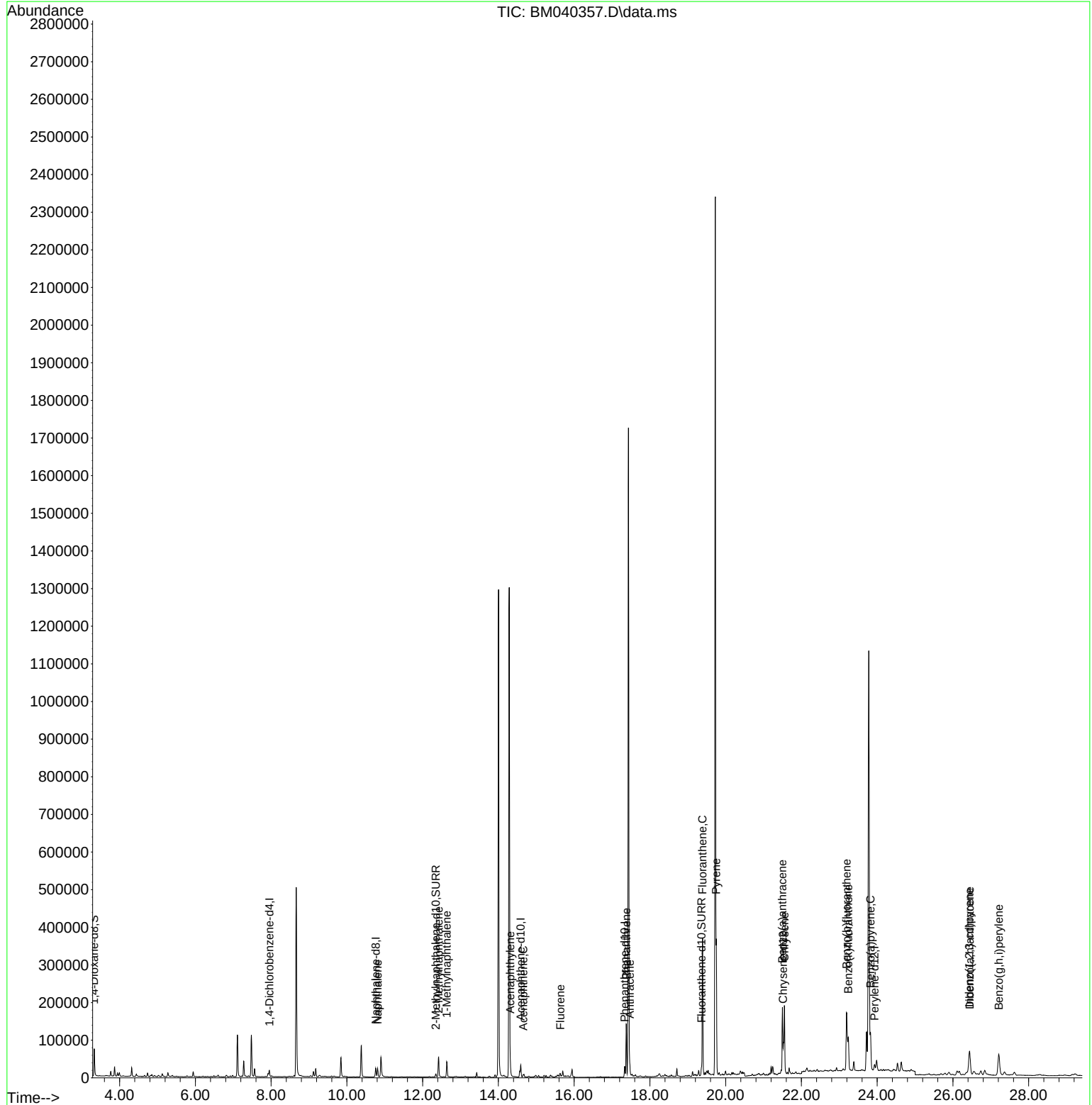
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040357.D
Acq On : 22 Jun 2023 20:20
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Sample : 03084-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

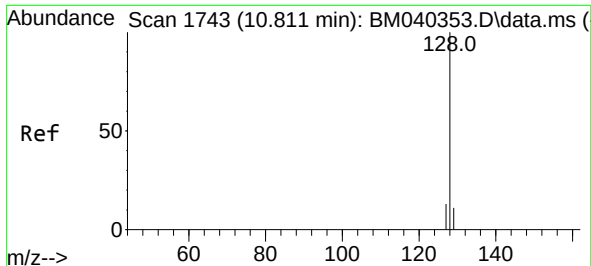
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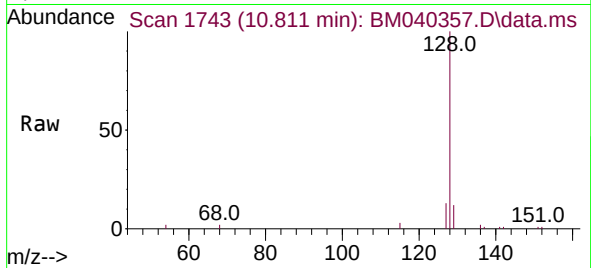
Quant Time: Jun 23 02:27:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

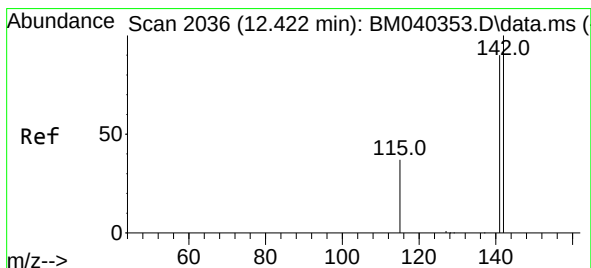
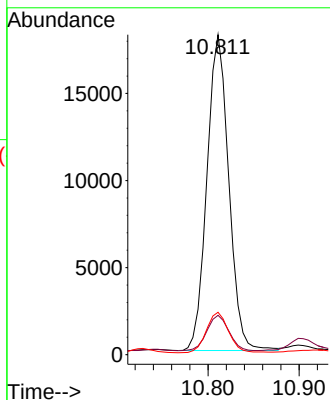
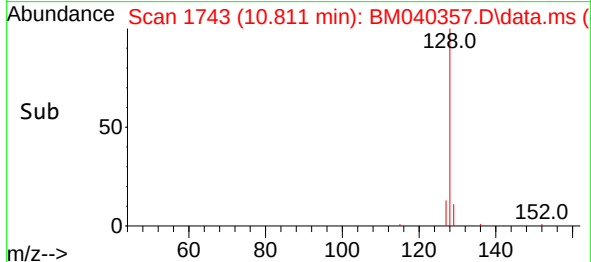
Instrument :
BNA_M
ClientSampleId :
DCFM1



Tgt Ion:128 Resp: 3021
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.2 10.6 15.8

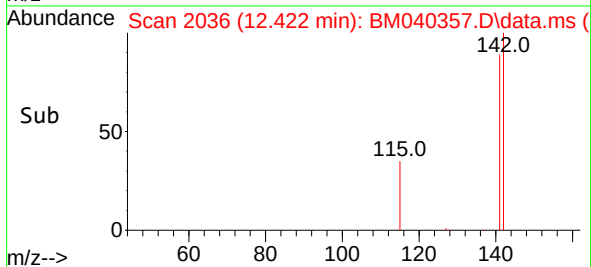
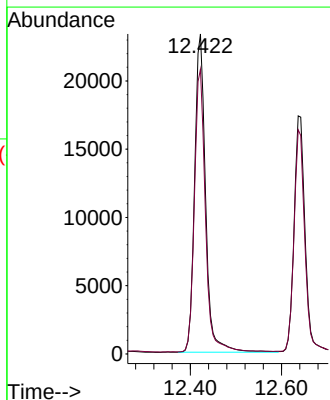
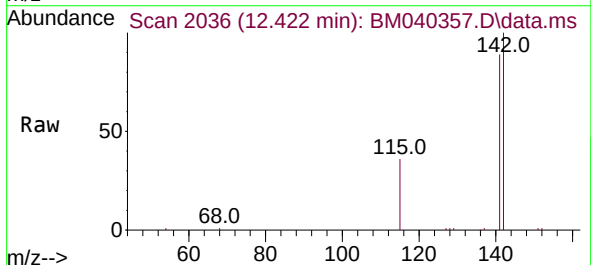
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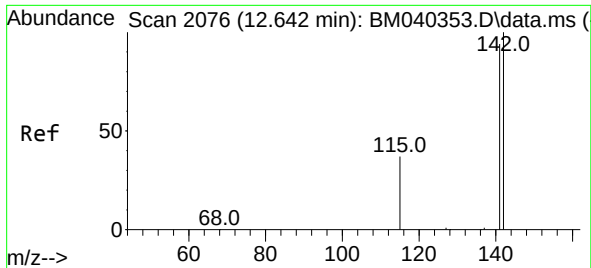
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

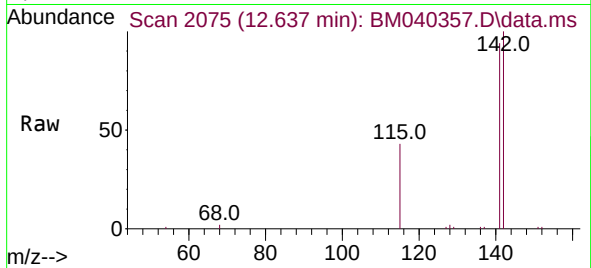
Tgt Ion:142 Resp: 38970
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.637 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

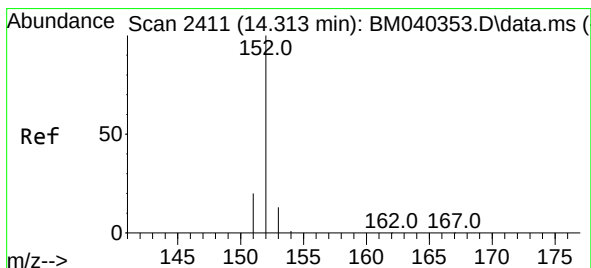
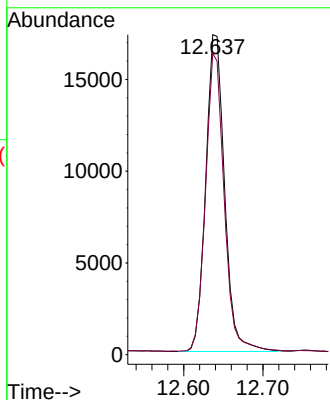
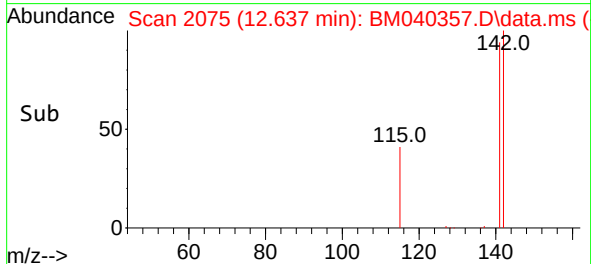
Instrument :
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Tgt Ion:142 Resp: 28530
Ion Ratio Lower Upper
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141 92.6 73.7 110.5

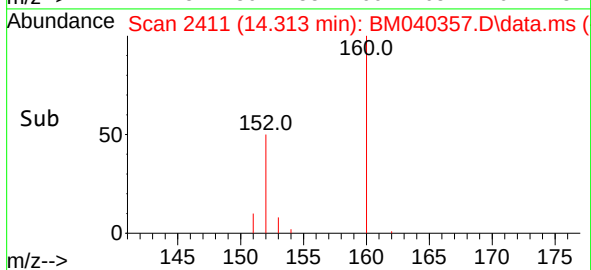
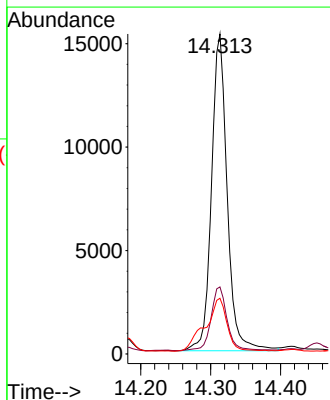
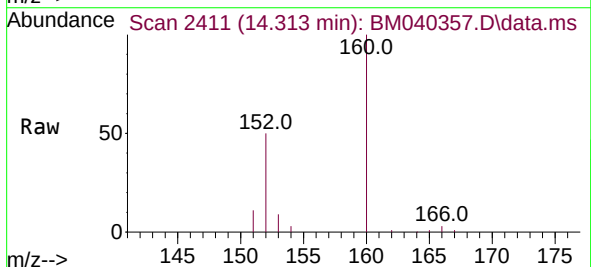
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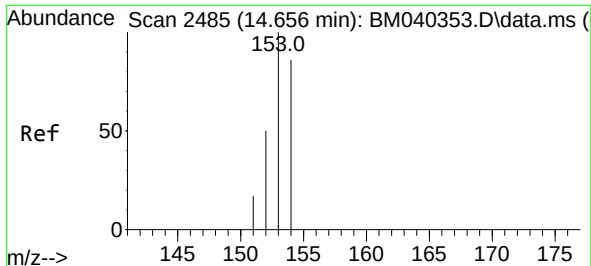
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

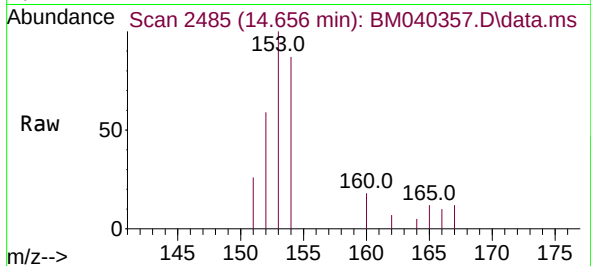
Tgt Ion:152 Resp: 23997
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 17.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.071 ng/u1
RT: 14.656 min Scan# 2485
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

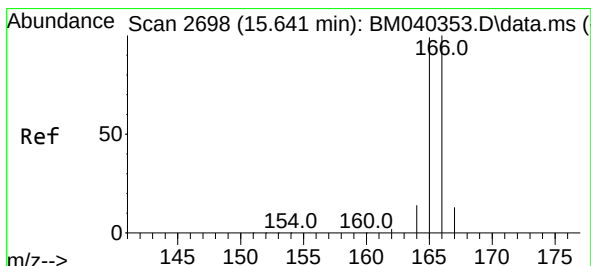
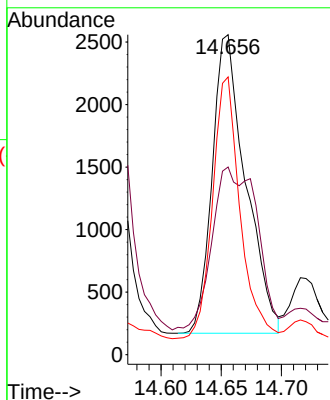
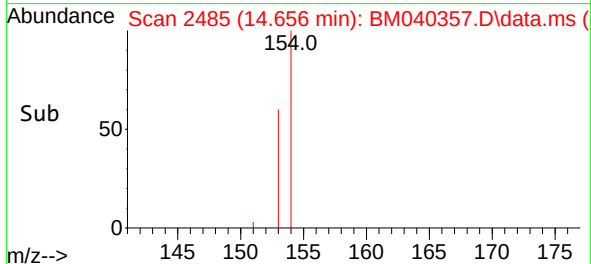
Instrument :
BNA_M
ClientSampleId :
DCFM1



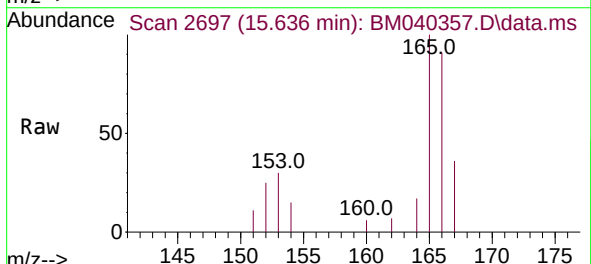
Tgt Ion:153 Resp: 4608
Ion Ratio Lower Upper
153 100
152 58.7 41.0 61.4
154 86.8 70.8 106.2

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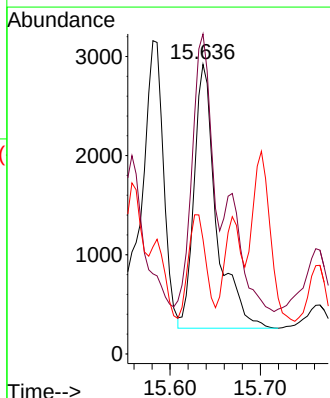
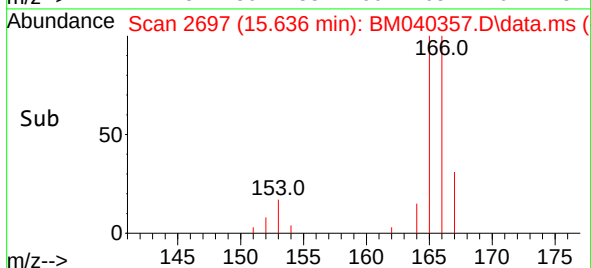
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

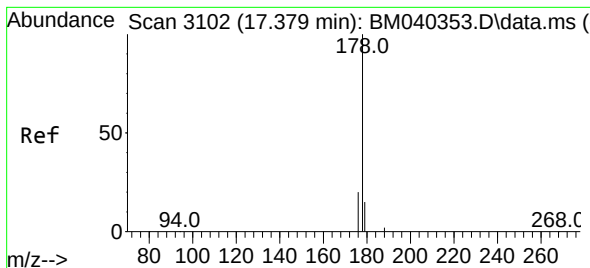


#12
Fluorene
Concen: 0.067 ng/u1
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



Tgt Ion:166 Resp: 4582
Ion Ratio Lower Upper
166 100
165 110.5 79.6 119.4
167 39.6 11.4 17.0#





#15

Phenanthrene

Concen: 1.472 ng/ul

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040357.D

Acq: 22 Jun 2023 20:20

Instrument :

BNA_M

ClientSampleId :

DCFM1

Tgt Ion:178 Resp: 147914

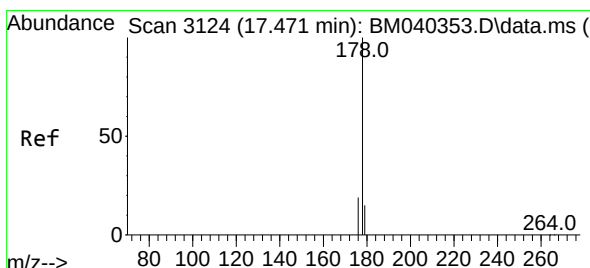
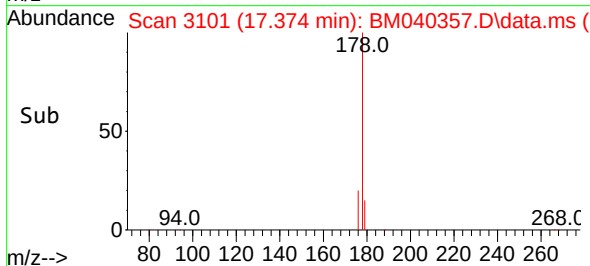
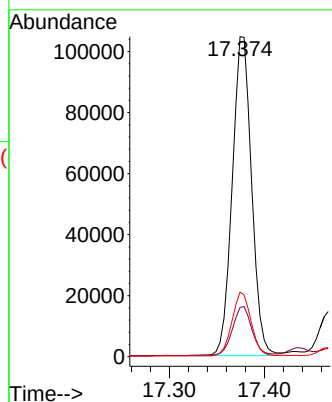
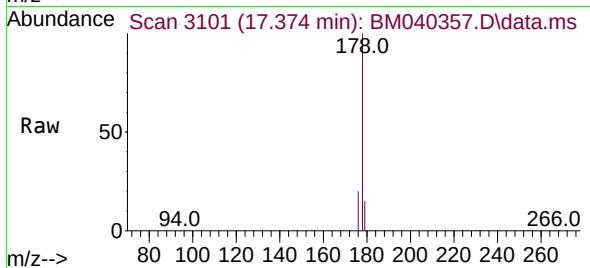
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	20.2	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#16

Anthracene

Concen: 0.216 ng/ul

RT: 17.467 min Scan# 3123

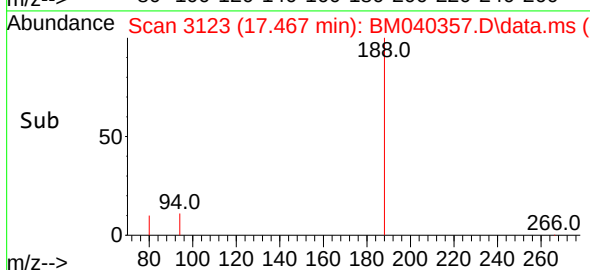
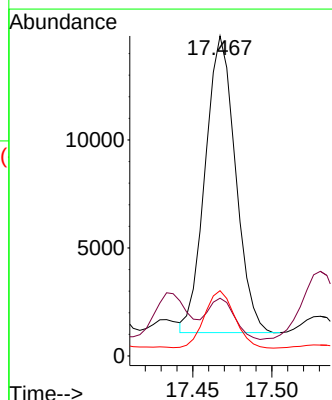
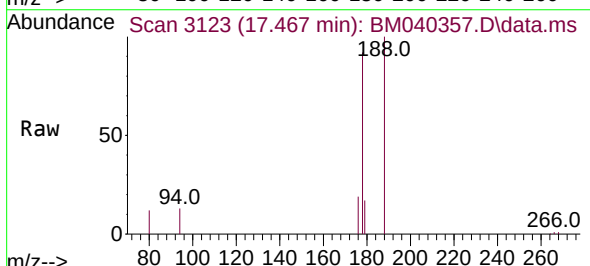
Delta R.T. -0.004 min

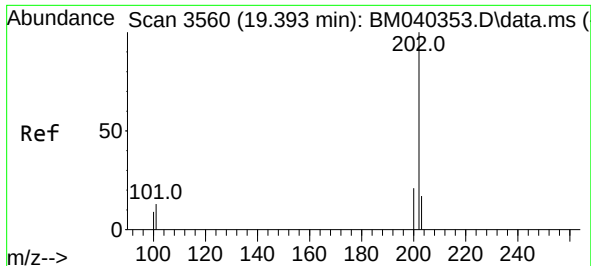
Lab File: BM040357.D

Acq: 22 Jun 2023 20:20

Tgt Ion:178 Resp: 18282

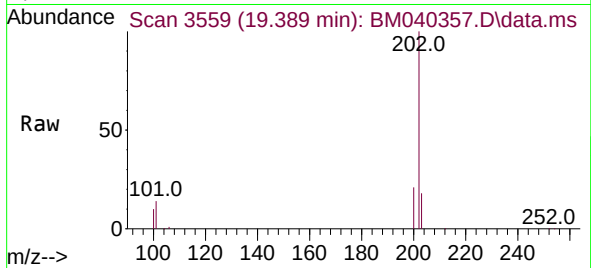
Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.9	19.3
176	20.4	15.8	23.6





#19
Fluoranthene
Concen: 2.876 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

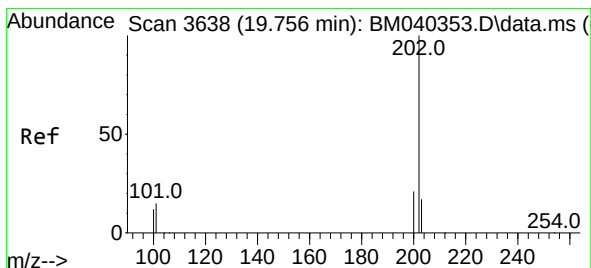
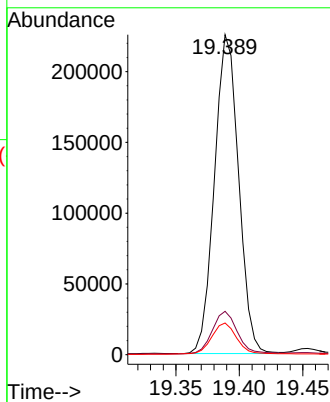
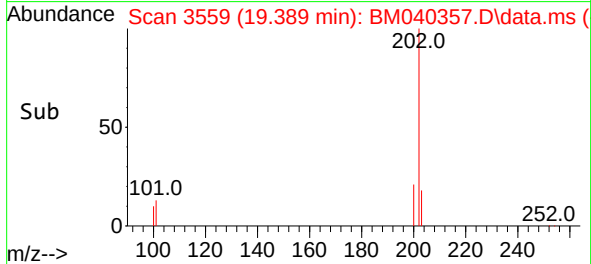
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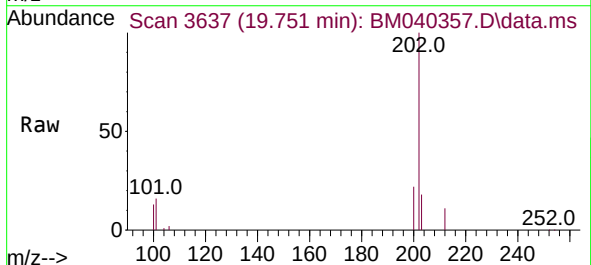
Tgt Ion:202 Resp: 298190
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 9.9 8.7 13.1

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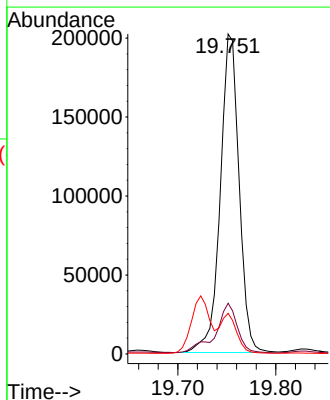
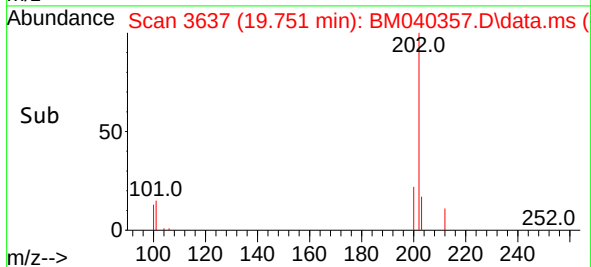
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Supervised By :mohammad ahmed 06/23/2023

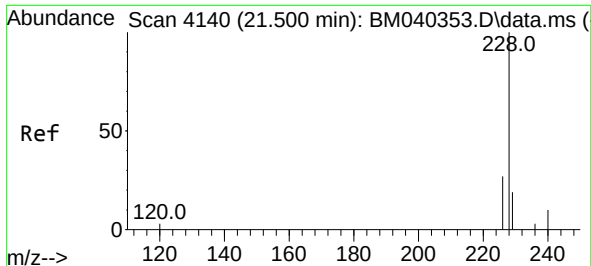


#20
Pyrene
Concen: 2.429 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



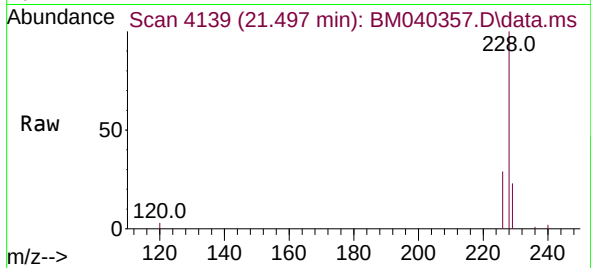
Tgt Ion:202 Resp: 269930
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 12.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.761 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

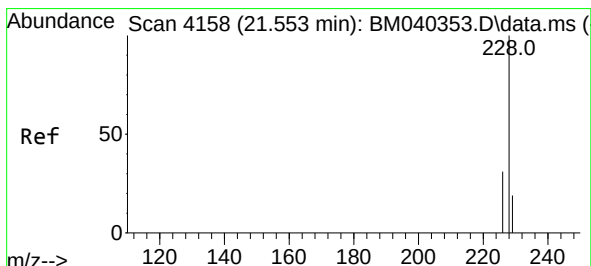
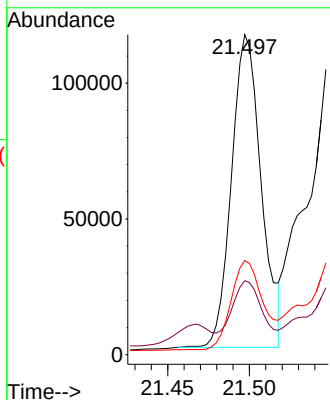
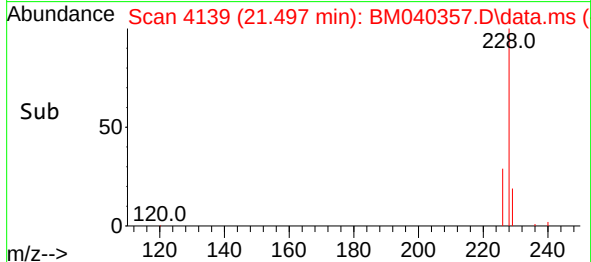
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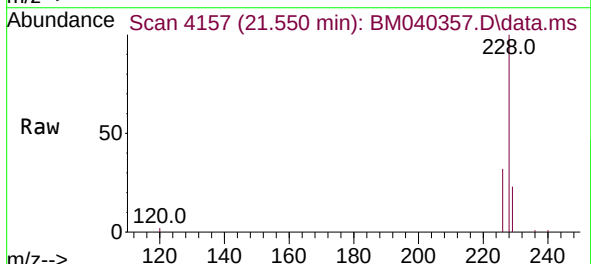
Tgt Ion:228 Resp: 145352
Ion Ratio Lower Upper
228 100
229 23.1 16.0 24.0
226 29.4 22.3 33.5

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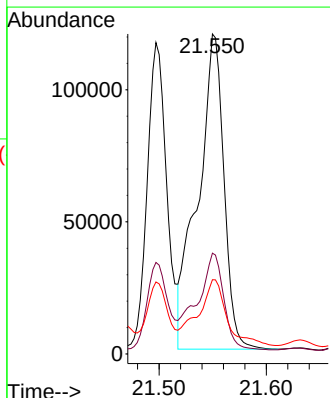
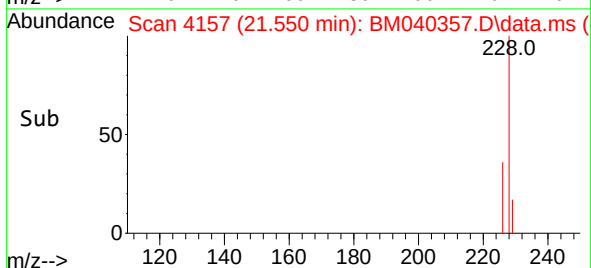
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

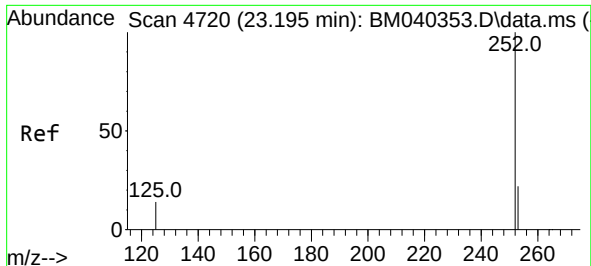


#22
Chrysene
Concen: 2.138 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



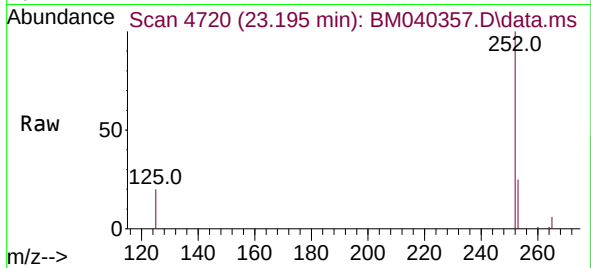
Tgt Ion:228 Resp: 201371
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 23.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.889 ng/ul
RT: 23.195 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

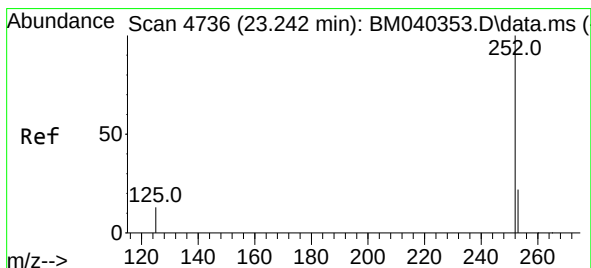
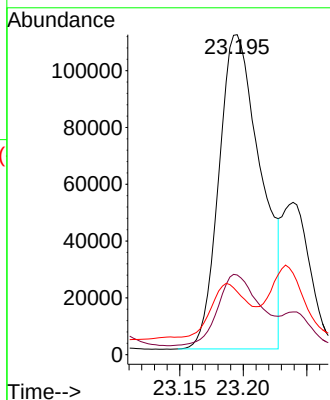
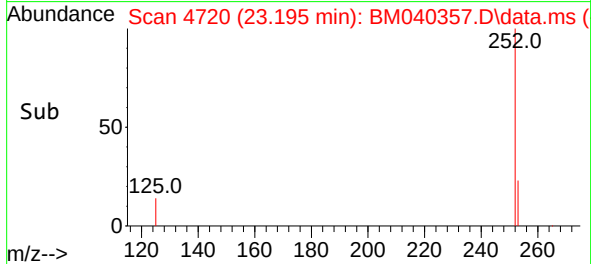
Instrument :
BNA_M
ClientSampleId :
DCFM1



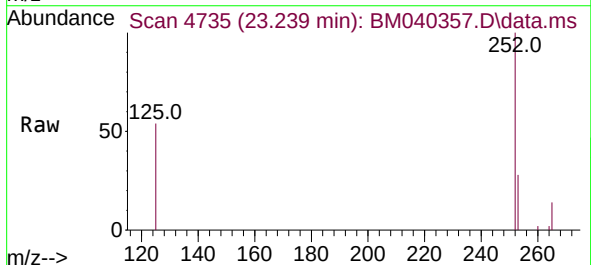
Tgt Ion:252 Resp: 253989
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 19.7 0.0 43.0

Manual Integrations
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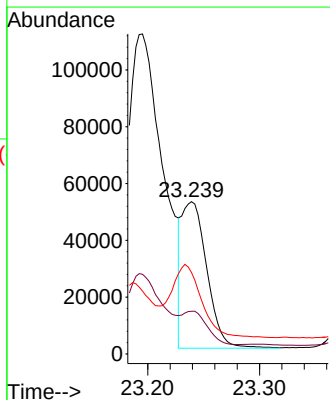
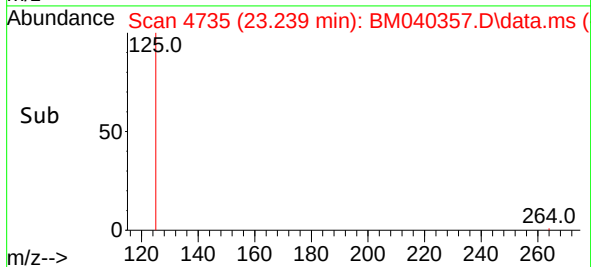
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

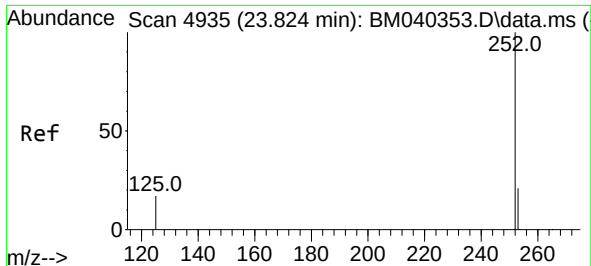


#25
Benzo(k)fluoranthene
Concen: 0.927 ng/ul m
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



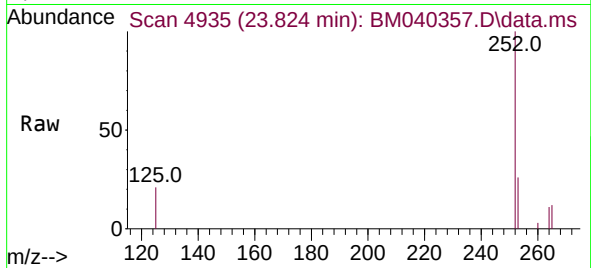
Tgt Ion:252 Resp: 80310
Ion Ratio Lower Upper
252 100
253 28.1 21.2 31.8
125 53.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.674 ng/ul
RT: 23.824 min Scan# 4935
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

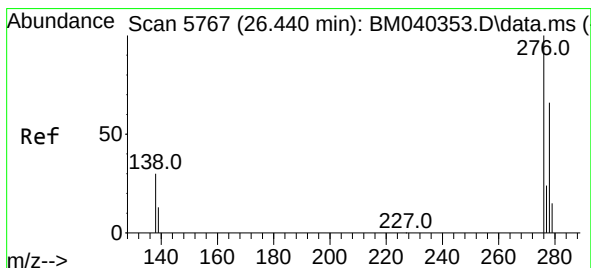
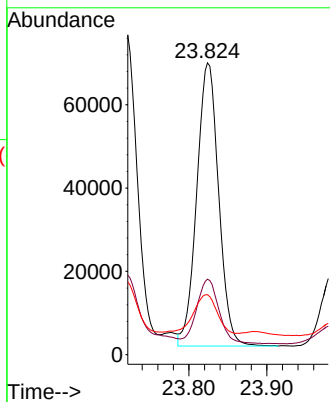
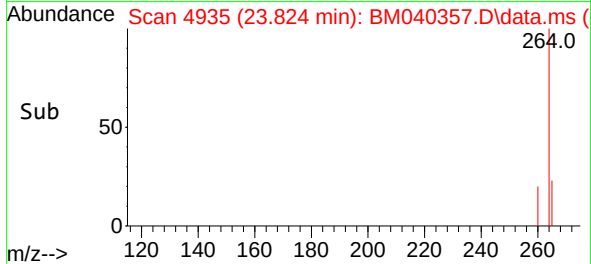
Instrument :
BNA_M
ClientSampleId :
DCFM1



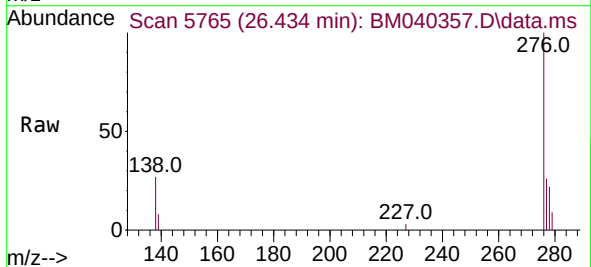
Tgt Ion:252 Resp: 13256
Ion Ratio Lower Upper
252 100
253 25.9 22.9 34.3
125 20.6 21.0 31.4

Manual Integrations
APPROVED

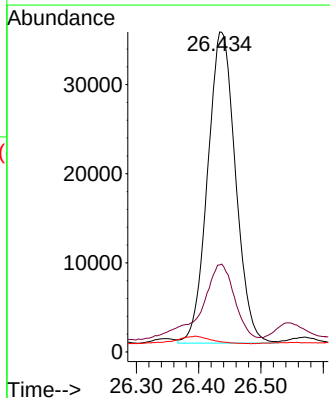
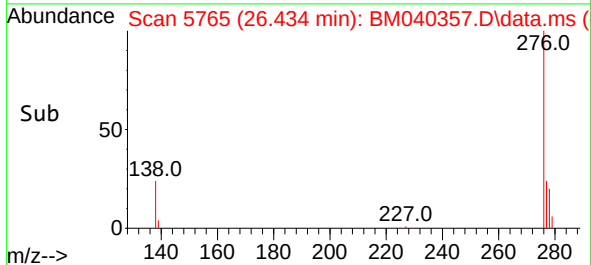
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

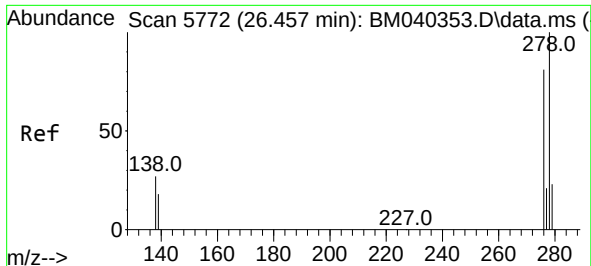


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.985 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



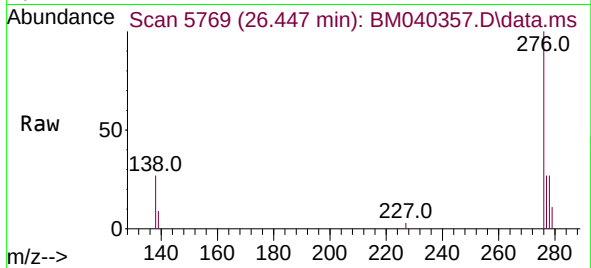
Tgt Ion:276 Resp: 108630
Ion Ratio Lower Upper
276 100
138 29.6 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

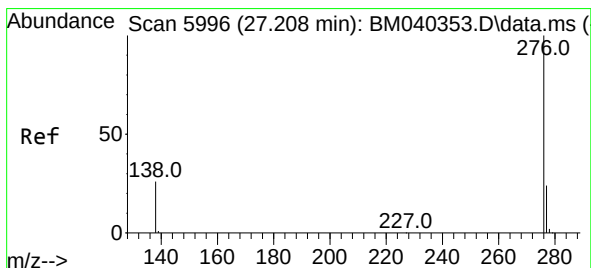
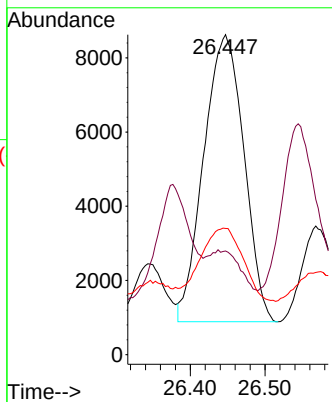
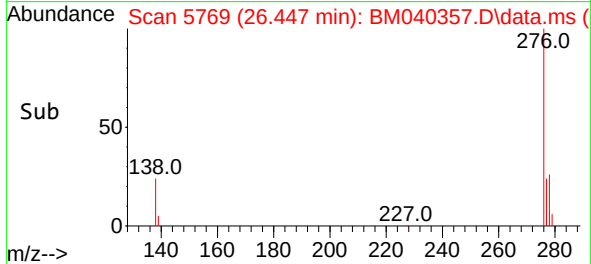
Instrument :
BNA_M
ClientSampleId :
DCFM1



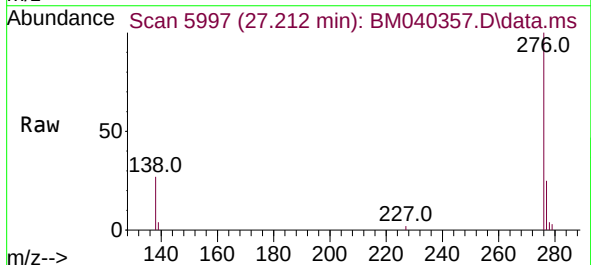
Tgt Ion:278 Resp: 28914
Ion Ratio Lower Upper
278 100
139 32.4 17.9 26.9
279 39.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 1.298 ng/ul
RT: 27.212 min Scan# 5997
Delta R.T. 0.007 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20



Tgt Ion:276 Resp: 125491
Ion Ratio Lower Upper
276 100
138 26.9 23.0 34.6
277 25.4 20.3 30.5

