

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040359.D
 Acq On : 22 Jun 2023 21:33
 Operator : MA/JU
 Sample : 03084-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN1

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:27:52 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	11768	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	44090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	25746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	49641	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	30962	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	32315	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	42875	2.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	11492	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	22116	0.223	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	579682	4.767	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	124798	1.747	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	47358	0.663	ng/ul	100
10) Acenaphthylene	14.313	152	652986	5.678	ng/ul	99
11) Acenaphthene	14.656	153	43424	0.447	ng/ul	99
12) Fluorene	15.636	166	54517	0.526	ng/ul	99
15) Phenanthrene	17.379	178	1253002	8.126	ng/ul	98
16) Anthracene	17.467	178	364758	2.815	ng/ul	99
19) Fluoranthene	19.393	202	3682355	27.998	ng/ul#	93
20) Pyrene	19.756	202	2916120	20.681	ng/ul	95
21) Benzo(a)anthracene	21.497	228	1761006	16.815	ng/ul	97
22) Chrysene	21.553	228	1588513	13.297	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	2615882	20.917	ng/ul	87
25) Benzo(k)fluoranthene	23.239	252	853638m	6.926	ng/ul	
26) Benzo(a)pyrene	23.827	252	1606057	14.257	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.440	276	1418031	9.039	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.444	278	348869	2.840	ng/ul	96
29) Benzo(g,h,i)perylene	27.215	276	1283329	9.333	ng/ul	93

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

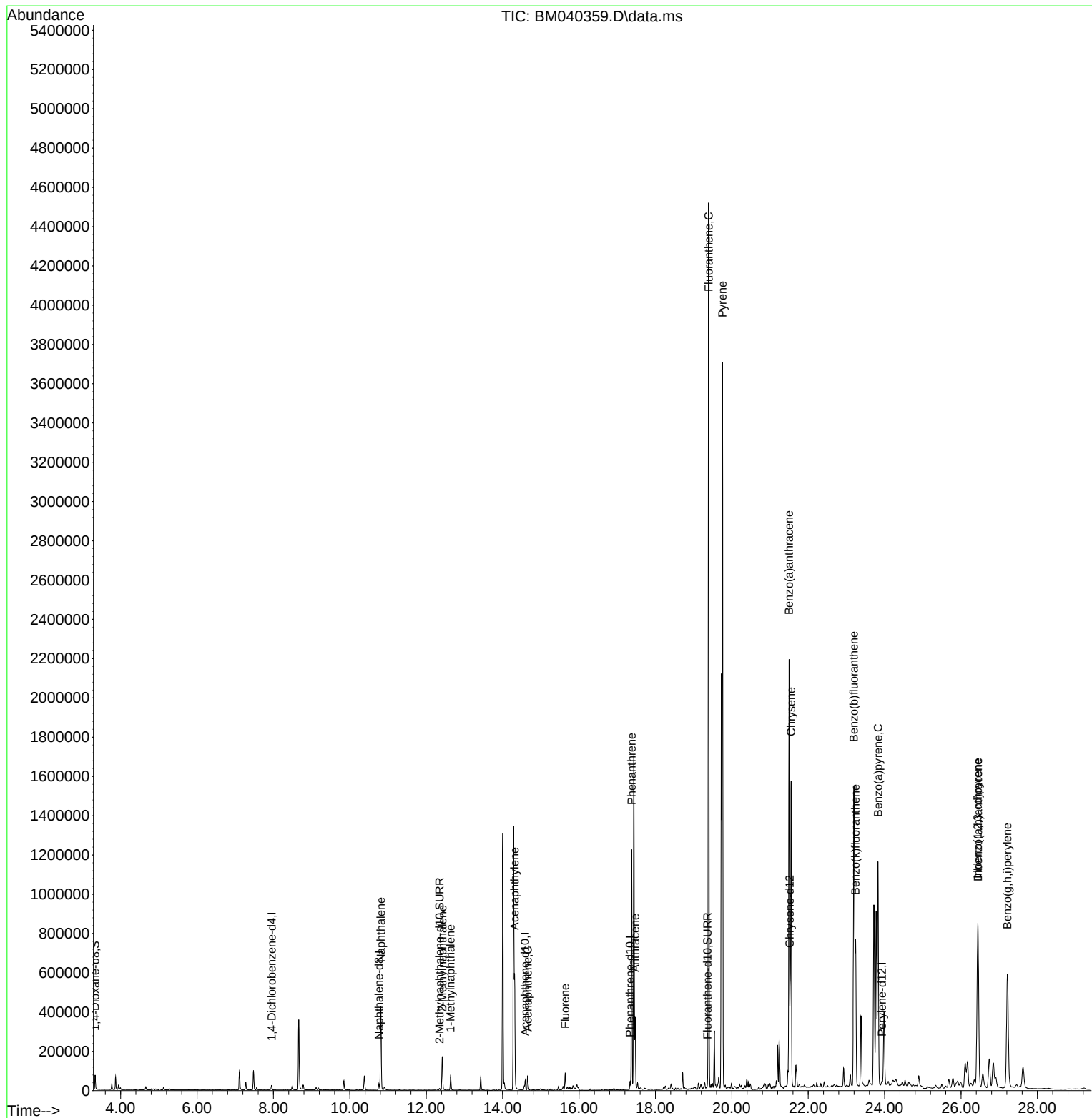
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040359.D
Acq On : 22 Jun 2023 21:33
Operator : MA/JU
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ALS Vial : 8 Sample Multiplier: 1

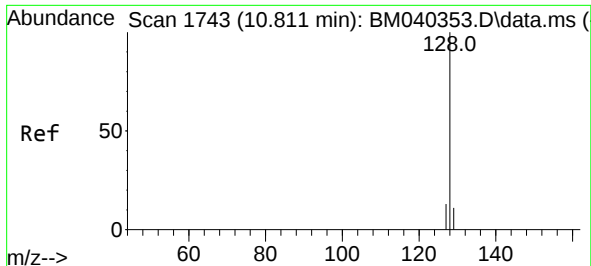
Instrument :
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ClientSampleId :
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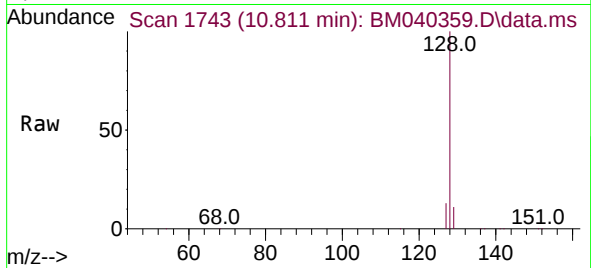
Quant Time: Jun 23 02:27:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.767 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

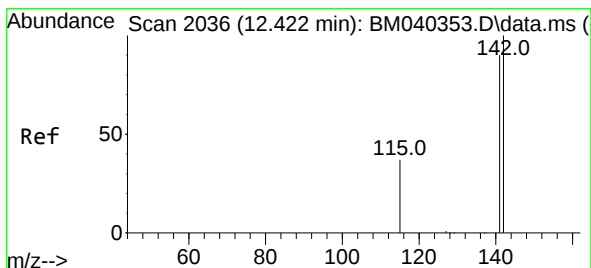
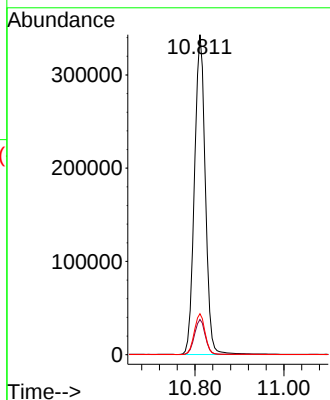
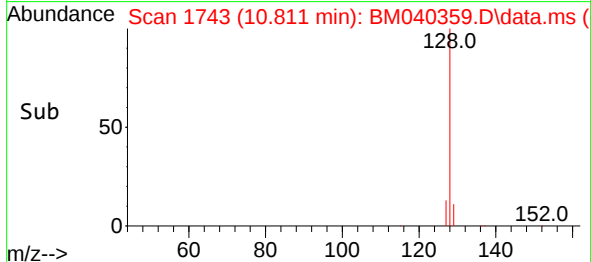
Instrument :
BNA_M
ClientSampleId :
DCFN1



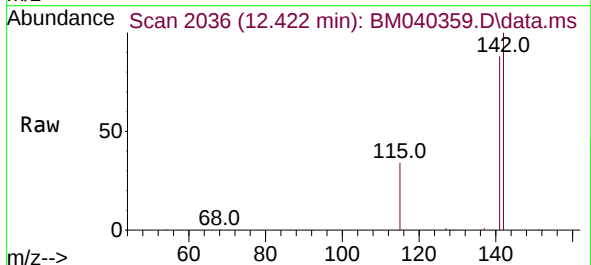
Tgt Ion:128 Resp: 57968
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.6 15.8

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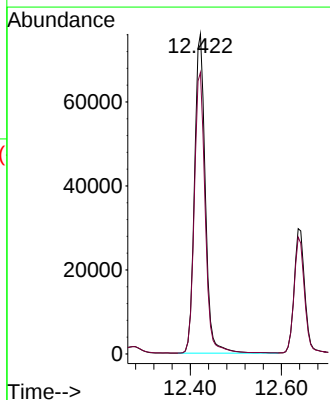
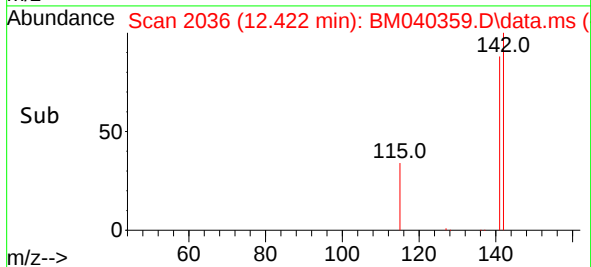
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

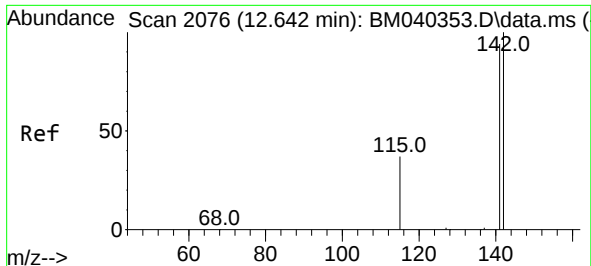


#7
2-Methylnaphthalene
Concen: 1.747 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33



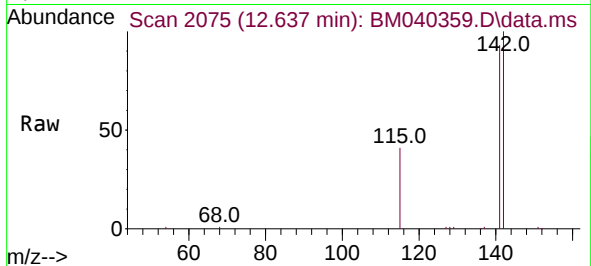
Tgt Ion:142 Resp: 124798
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.663 ng/ul
RT: 12.637 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

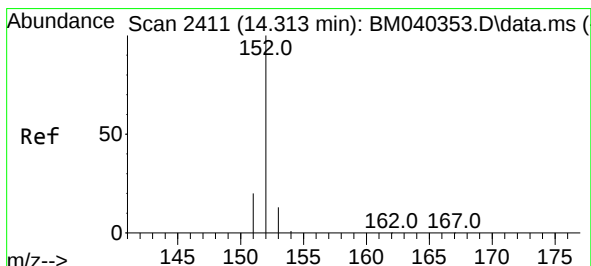
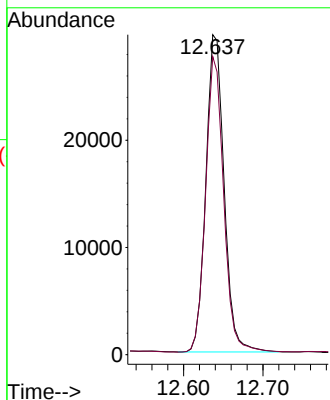
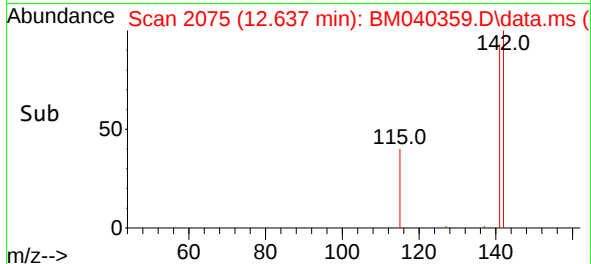
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 47358
Ion Ratio Lower Upper
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141 92.5 73.7 110.5

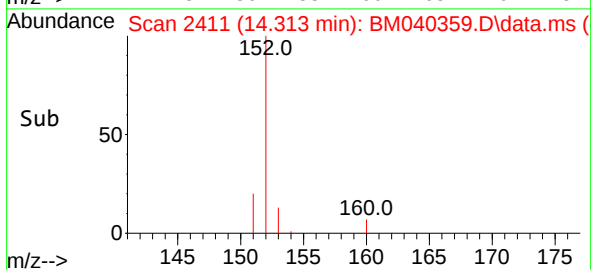
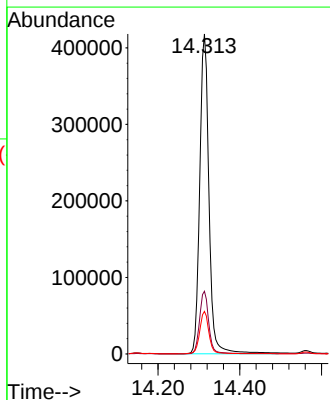
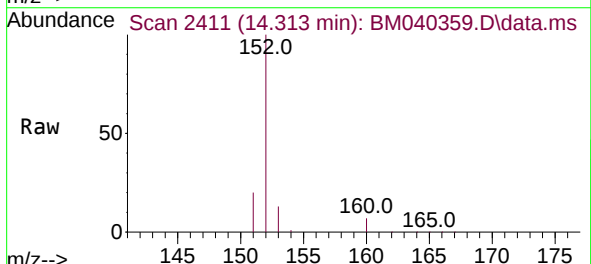
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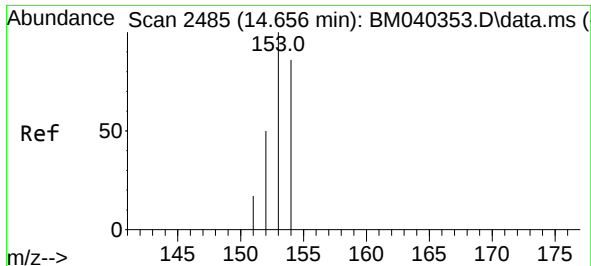
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 5.678 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

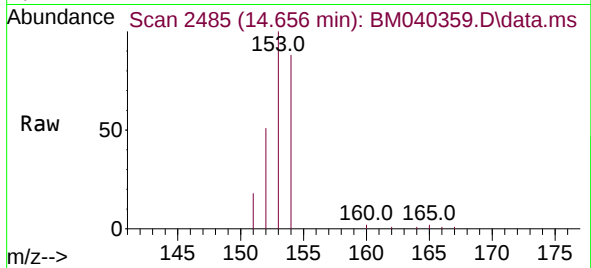
Tgt Ion:152 Resp: 652986
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.447 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

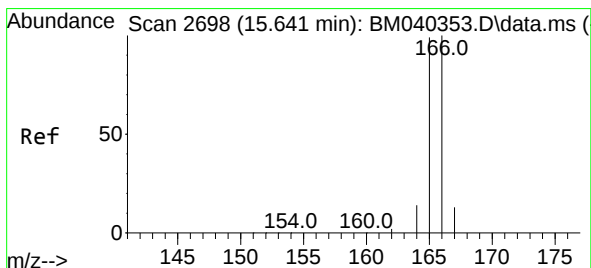
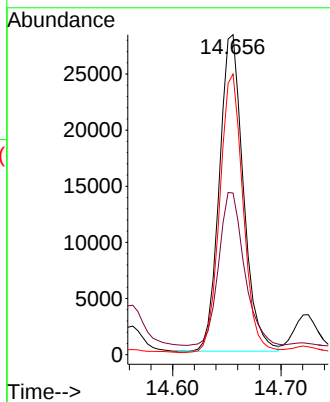
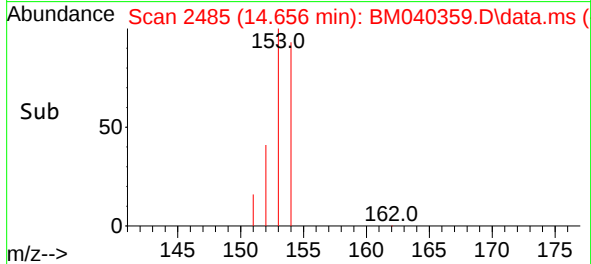
Instrument :
BNA_M
ClientSampleId :
DCFN1



Tgt Ion:153 Resp: 43424
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 87.7 70.8 106.2

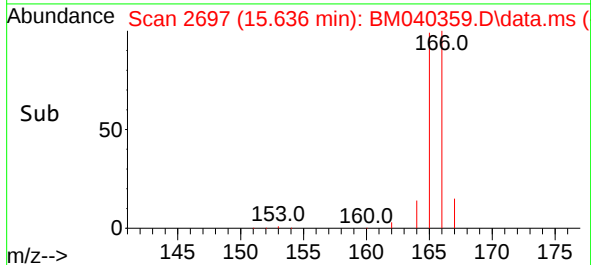
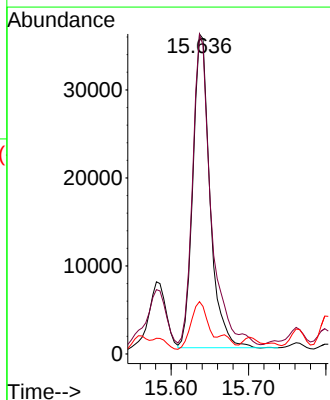
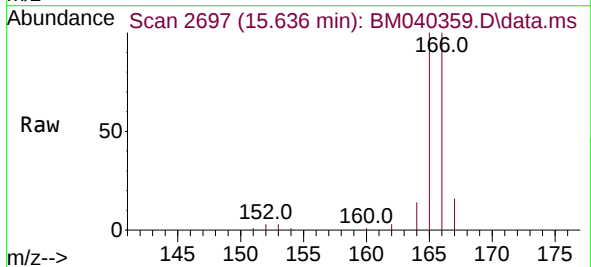
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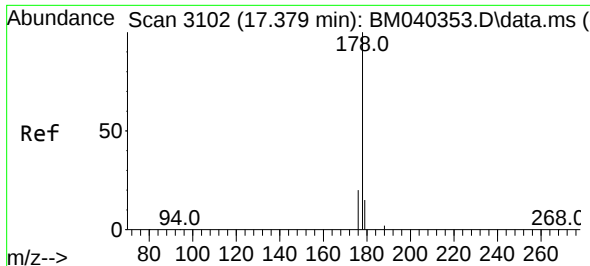
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.526 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

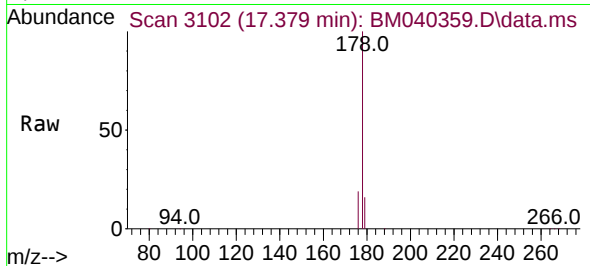
Tgt Ion:166 Resp: 54517
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 16.4 11.4 17.0





#15
Phenanthrene
Concen: 8.126 ng/u1
RT: 17.379 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

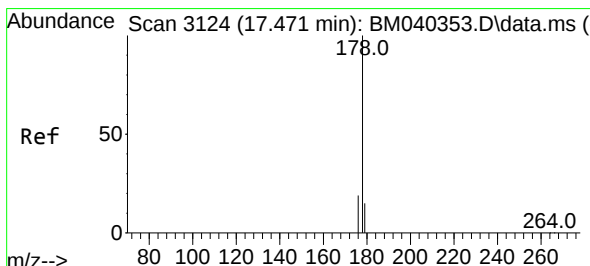
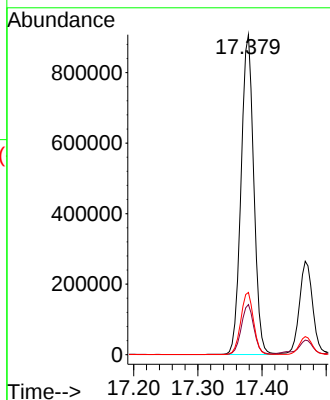
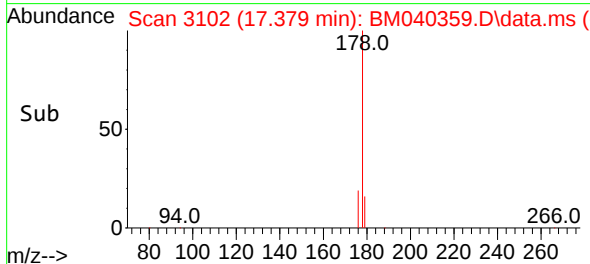
Instrument :
BNA_M
ClientSampleId :
DCFN1



Tgt Ion:178 Resp: 1253002
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.4 16.4 24.6

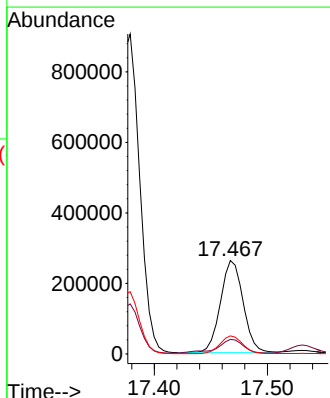
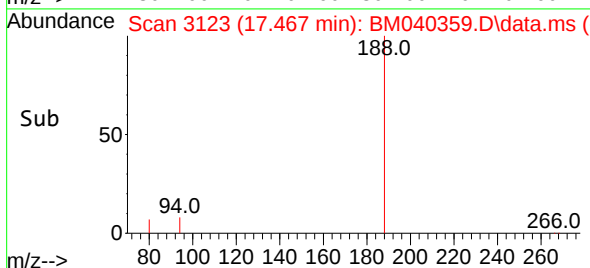
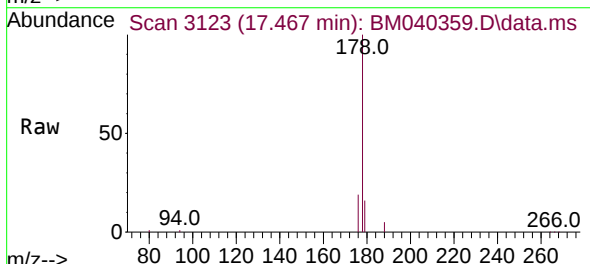
Manual Integrations
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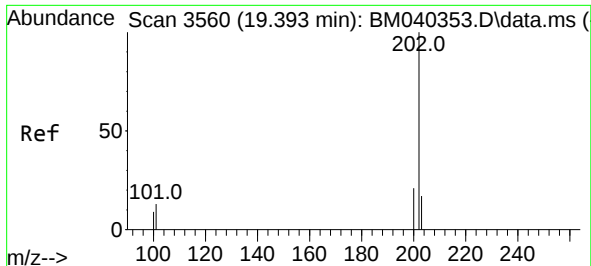
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 2.815 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

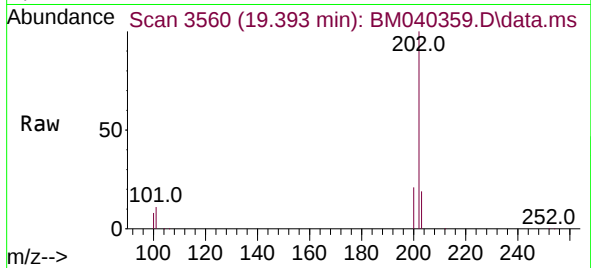
Tgt Ion:178 Resp: 364758
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 27.998 ng/ul
RT: 19.393 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

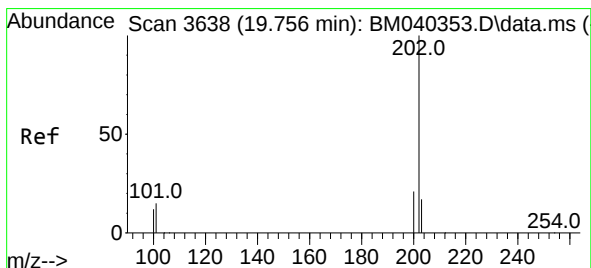
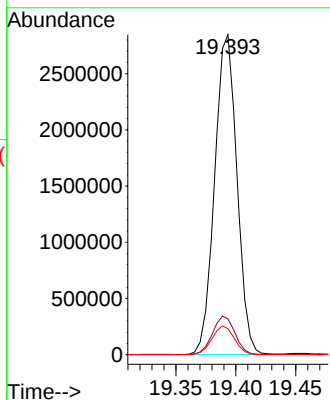
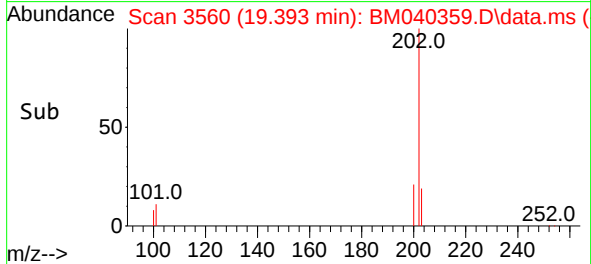
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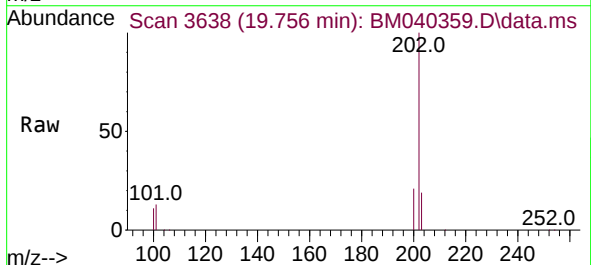
Tgt Ion:202 Resp: 368235
Ion Ratio Lower Upper
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101 11.2 11.4 17.0
100 8.1 8.7 13.1

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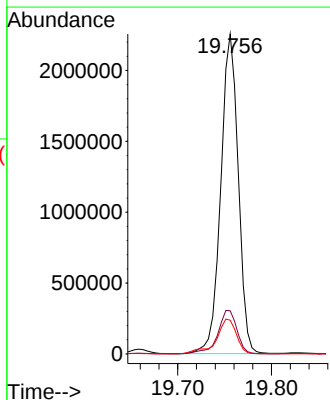
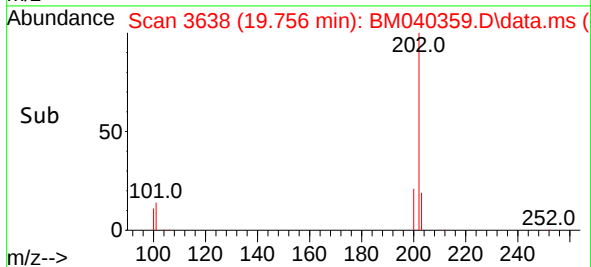
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

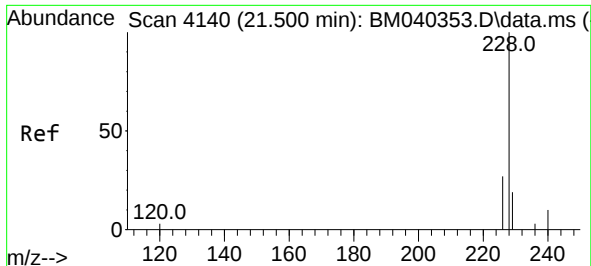


#20
Pyrene
Concen: 20.681 ng/ul
RT: 19.756 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33



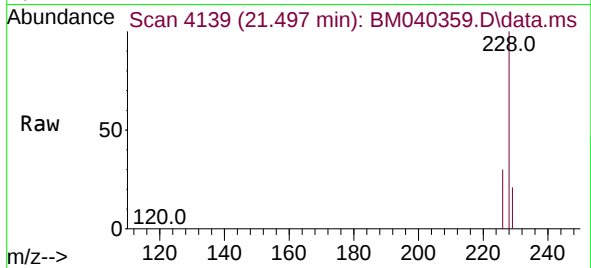
Tgt Ion:202 Resp: 2916120
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 16.815 ng/ul
RT: 21.497 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

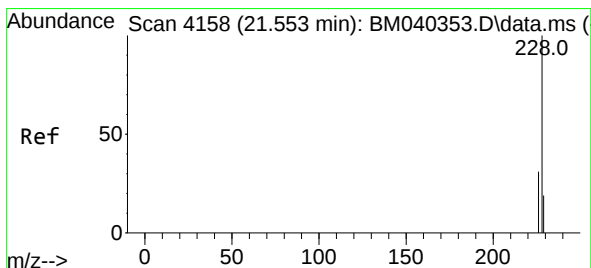
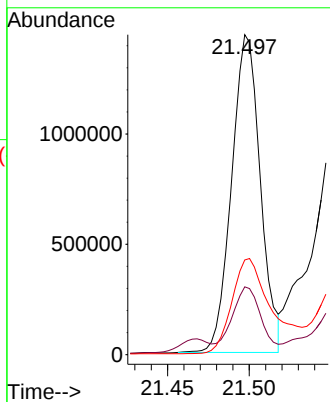
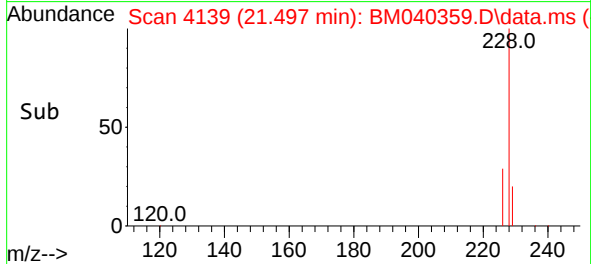
Instrument :
BNA_M
ClientSampleId :
DCFN1



Tgt Ion:228 Resp: 1761000
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 29.6 22.3 33.5

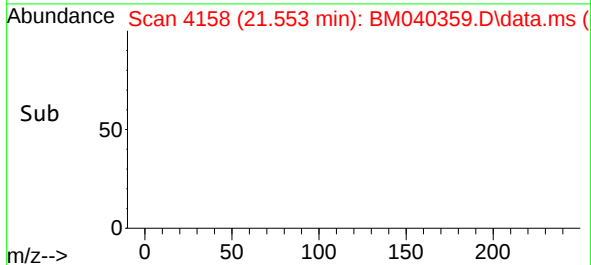
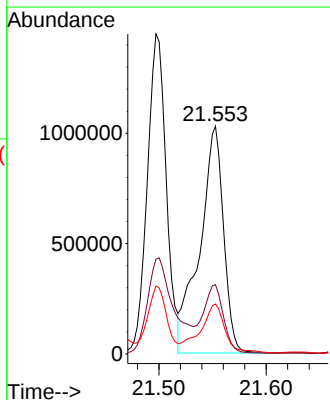
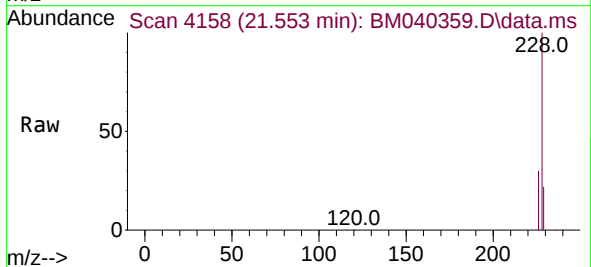
Manual Integrations
APPROVED

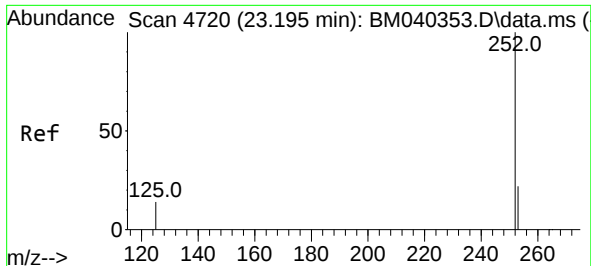
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 13.297 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

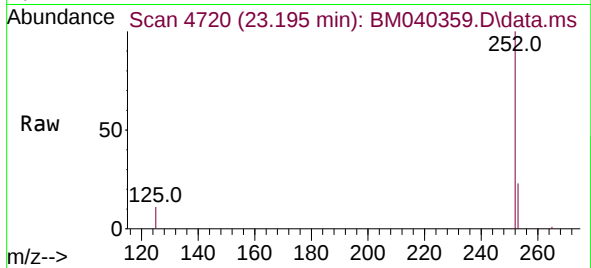
Tgt Ion:228 Resp: 1588513
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 20.917 ng/ul
RT: 23.195 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

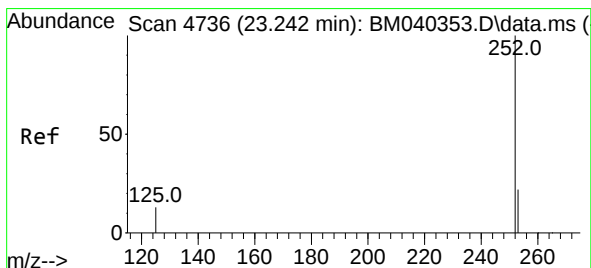
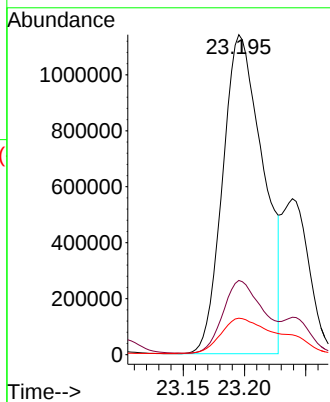
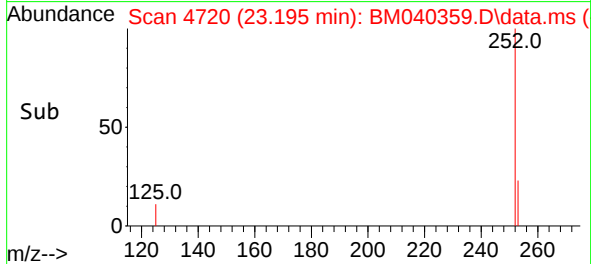
Instrument :
BNA_M
ClientSampleId :
DCFN1



Tgt Ion:252 Resp: 261588
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 11.4 0.0 43.0

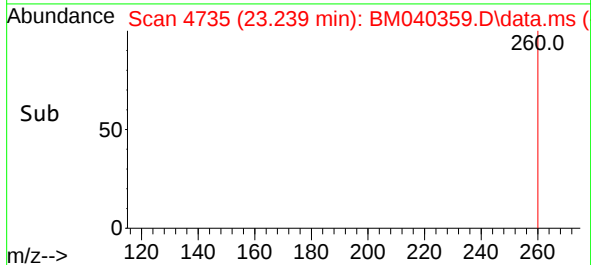
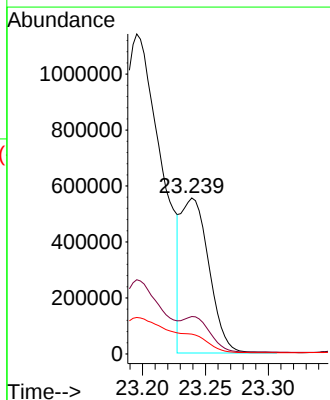
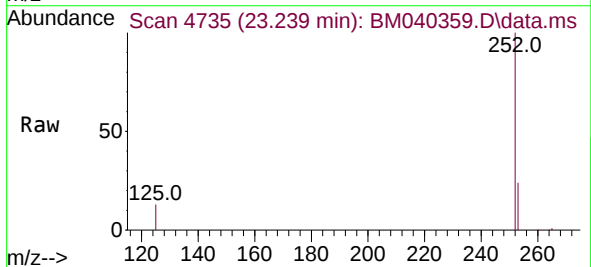
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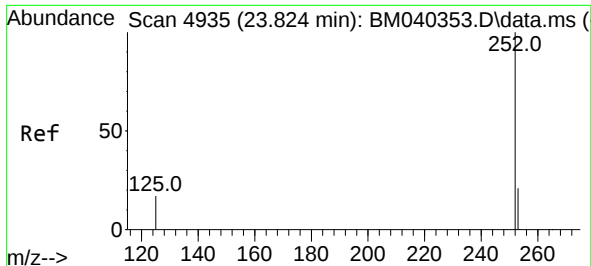
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 6.926 ng/ul m
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

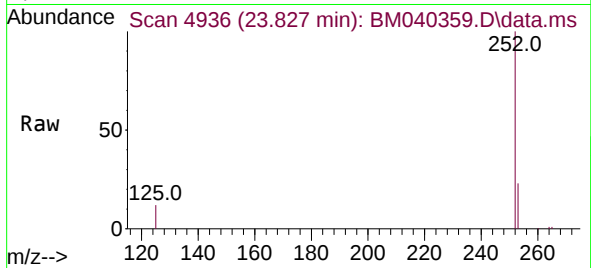
Tgt Ion:252 Resp: 853638
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 12.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 14.257 ng/ul
RT: 23.827 min Scan# 4935
Delta R.T. 0.003 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

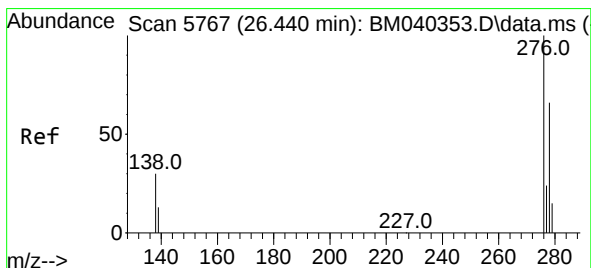
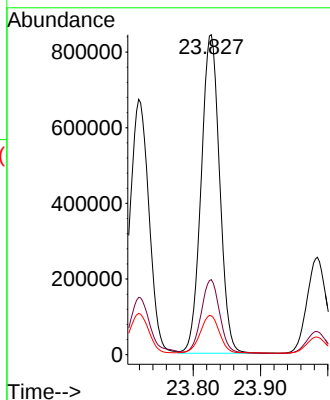
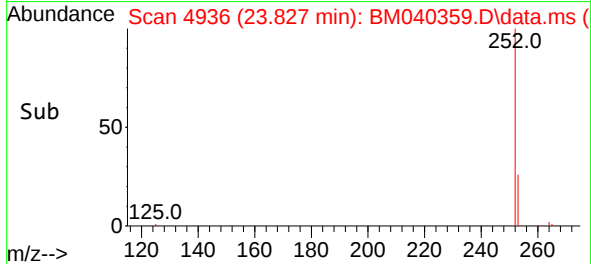
Instrument :
BNA_M
ClientSampleId :
DCFN1



Tgt Ion:252 Resp: 160605
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 12.1 21.0 31.4

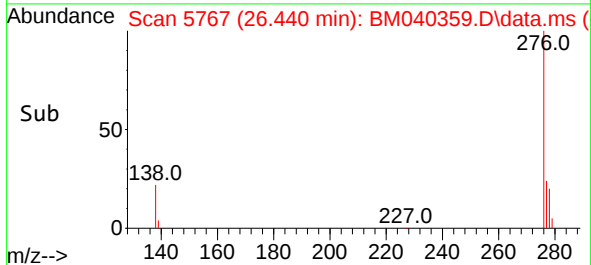
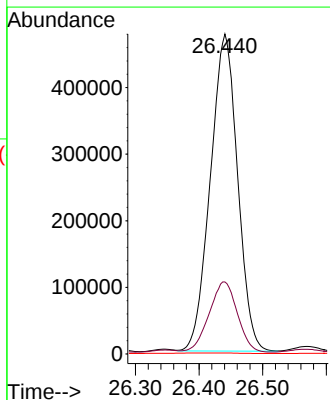
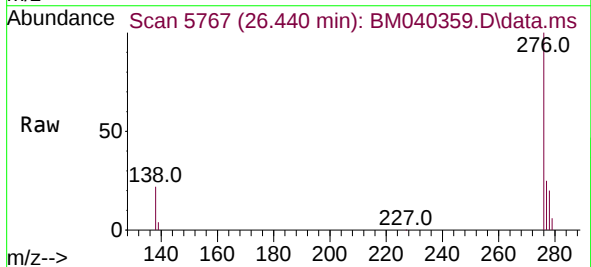
Manual Integrations
APPROVED

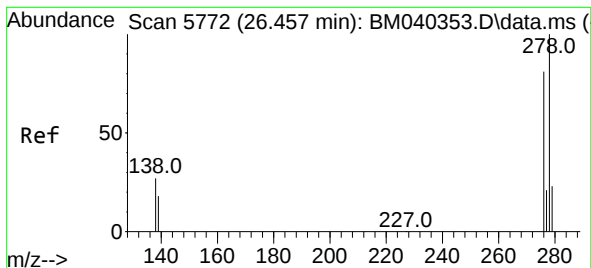
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.039 ng/ul
RT: 26.440 min Scan# 5767
Delta R.T. 0.007 min
Lab File: BM040359.D
Acq: 22 Jun 2023 21:33

Tgt Ion:276 Resp: 1418031
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 2.840 ng/ul

RT: 26.444 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040359.D

Acq: 22 Jun 2023 21:33

Instrument :

BNA_M

ClientSampleId :

DCFN1

Tgt Ion:278 Resp: 348869

Ion Ratio Lower Upper

278 100

139 18.5 17.9 26.9

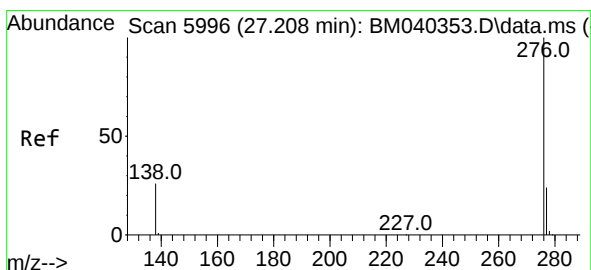
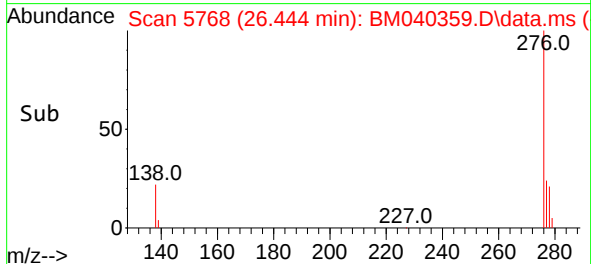
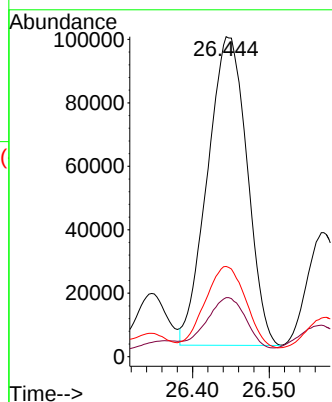
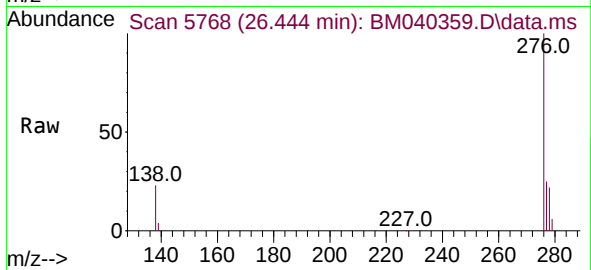
279 28.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#29

Benzo(g,h,i)perylene

Concen: 9.333 ng/ul

RT: 27.215 min Scan# 5998

Delta R.T. 0.010 min

Lab File: BM040359.D

Acq: 22 Jun 2023 21:33

Tgt Ion:276 Resp: 1283329

Ion Ratio Lower Upper

276 100

138 23.3 23.0 34.6

277 24.1 20.3 30.5

