

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040418.D
 Acq On : 27 Jun 2023 01:21
 Operator : MA/JU
 Sample : 03084-20DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:28:46 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	7.945	152	8021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	28835	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	13404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	23394	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	12631	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	12569	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	5434	0.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1243	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1528	0.038	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.806	128	6096	0.077	ng/ul#	94
7) 2-Methylnaphthalene	12.417	142	3680	0.079	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	2415	0.052	ng/ul	98
10) Acenaphthylene	14.304	152	14331	0.239	ng/ul	98
11) Acenaphthene	14.646	153	1581	0.031	ng/ul	96
12) Fluorene	15.637	166	2229	0.041	ng/ul#	93
15) Phenanthrene	17.374	178	45207	0.622	ng/ul	99
16) Anthracene	17.463	178	11845	0.194	ng/ul	97
19) Fluoranthene	19.389	202	115757	2.157	ng/ul	96
20) Pyrene	19.751	202	97195	1.690	ng/ul	97
21) Benzo(a)anthracene	21.494	228	46246	1.082	ng/ul	97
22) Chrysene	21.547	228	49957	1.025	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	76098	1.564	ng/ul	93
25) Benzo(k)fluoranthene	23.230	252	26638m	0.556	ng/ul	
26) Benzo(a)pyrene	23.815	252	45239	1.032	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.427	276	40829	0.669	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.437	278	9912	0.207	ng/ul#	85
29) Benzo(g,h,i)perylene	27.202	276	38116	0.713	ng/ul	98

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

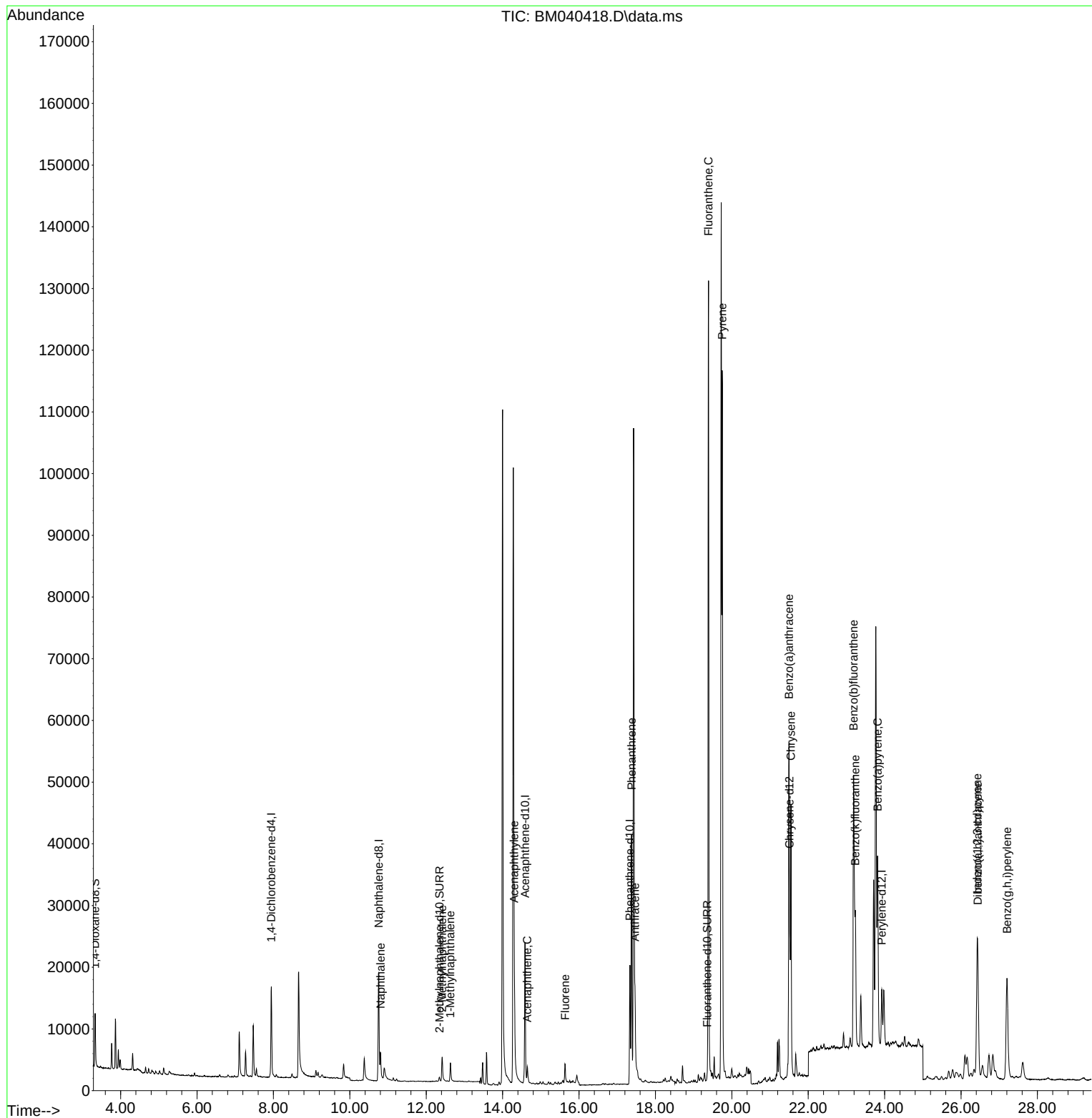
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040418.D
Acq On : 27 Jun 2023 01:21
Operator : MA/JU
Sample : 03084-20DL 5X
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ALS Vial : 22 Sample Multiplier: 1

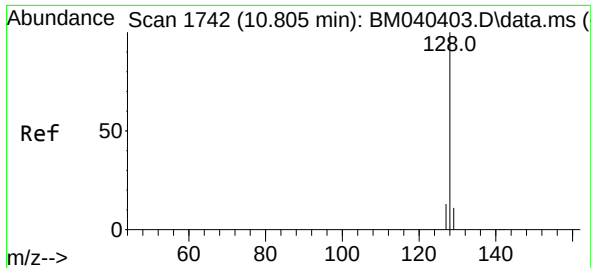
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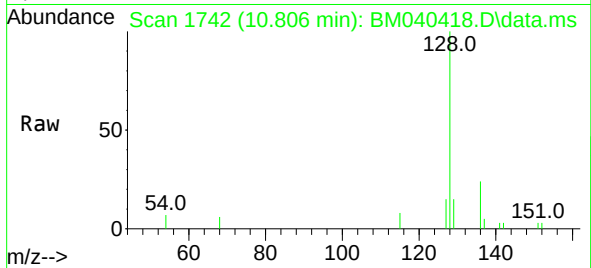
Quant Time: Jun 27 04:28:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

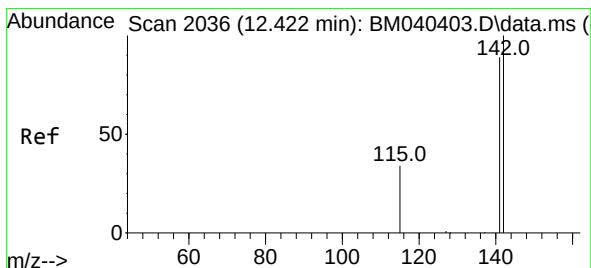
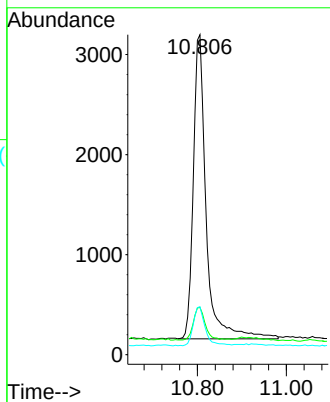
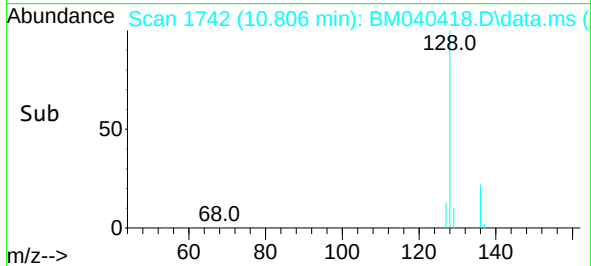
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



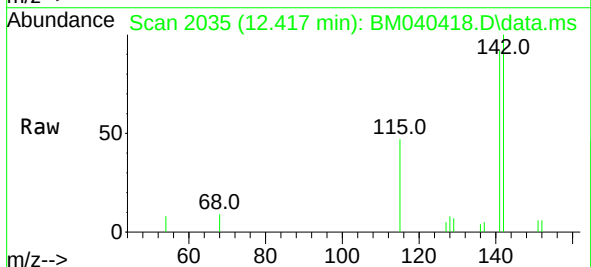
Tgt Ion:128 Resp: 6090
Ion Ratio Lower Upper
128 100
129 14.8 9.2 13.8
127 15.0 10.6 15.8

Manual Integrations
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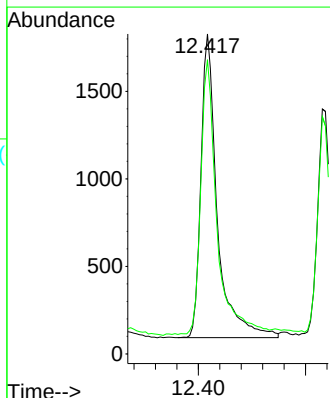
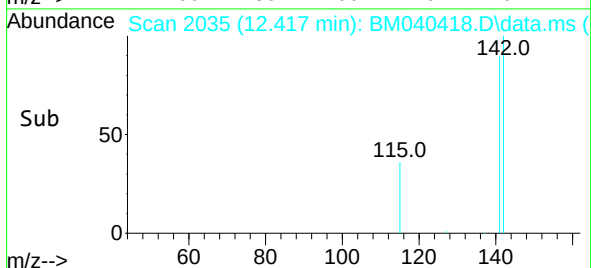
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

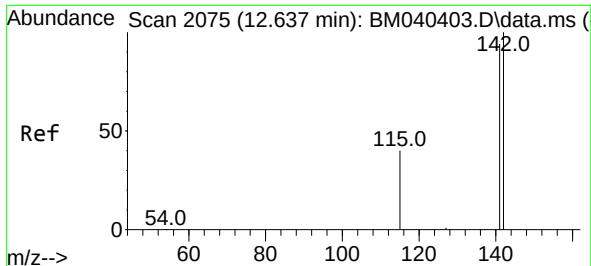


#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21



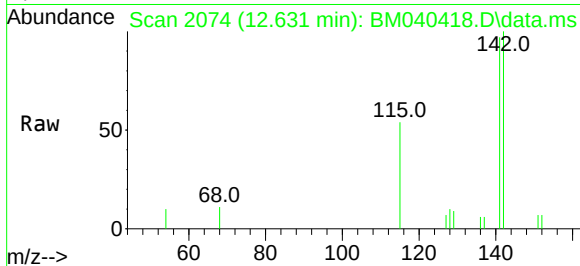
Tgt Ion:142 Resp: 3680
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

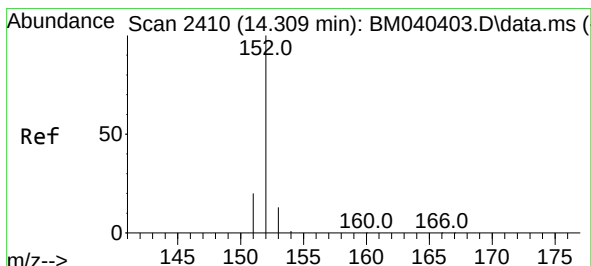
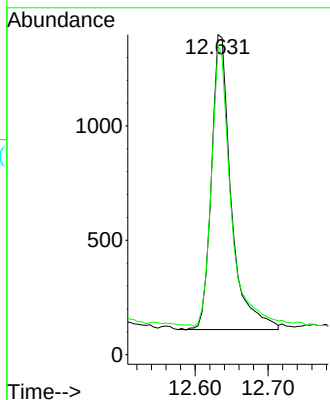
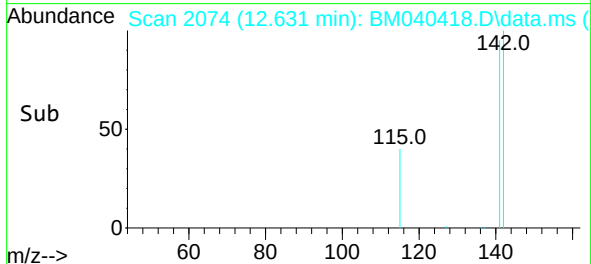
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 2415
Ion Ratio Lower Upper
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141 93.8 73.7 110.5

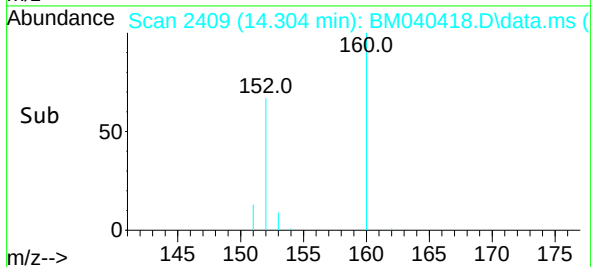
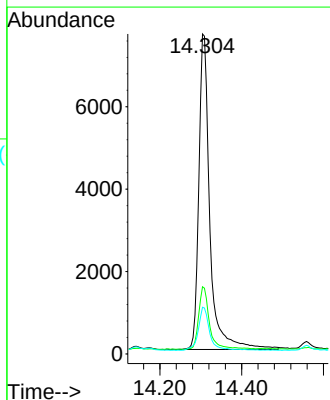
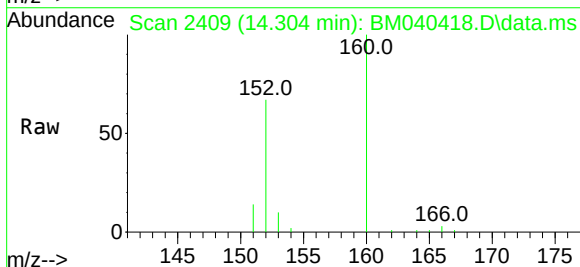
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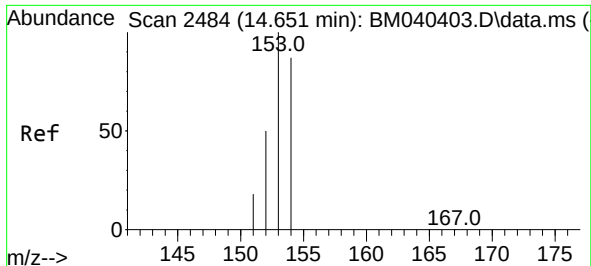
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.239 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

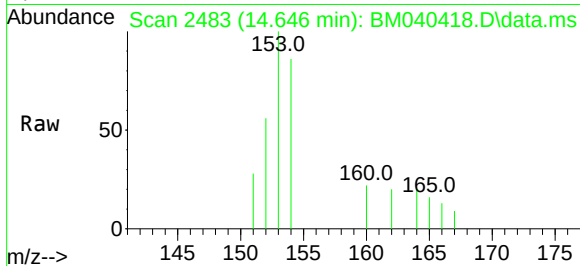
Tgt Ion:152 Resp: 14331
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

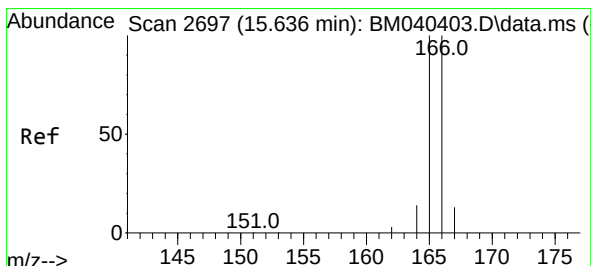
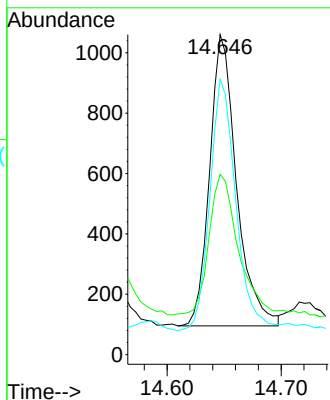
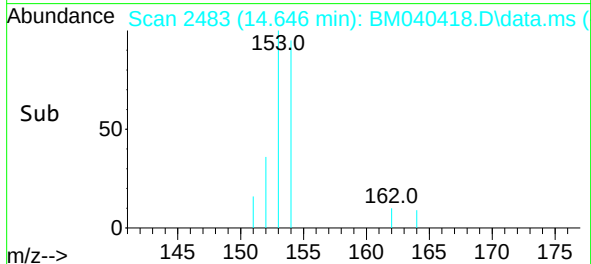
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



Tgt Ion:153 Resp: 158
Ion Ratio Lower Upper
153 100
152 56.3 41.0 61.4
154 86.0 70.8 106.2

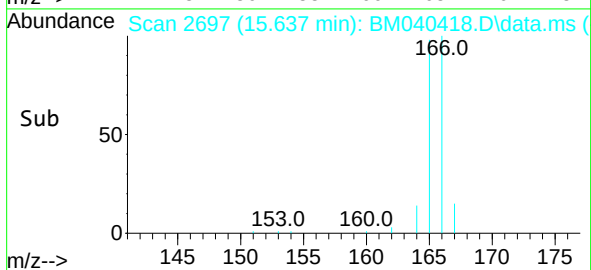
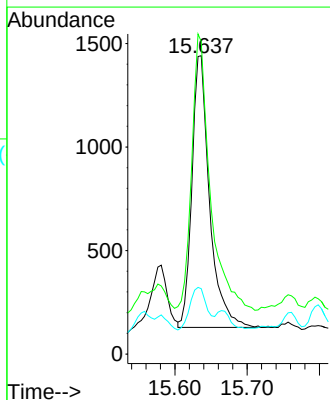
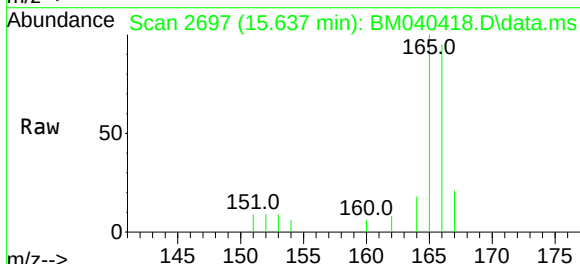
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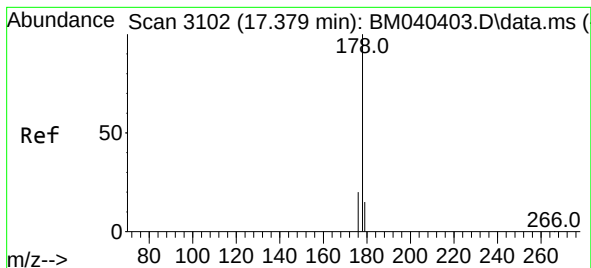
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

Tgt Ion:166 Resp: 2229
Ion Ratio Lower Upper
166 100
165 104.7 79.6 119.4
167 21.9 11.4 17.0#





#15

Phenanthrene

Concen: 0.622 ng/u1

RT: 17.374 min Scan# 3102

Delta R.T. -0.004 min

Lab File: BM040418.D

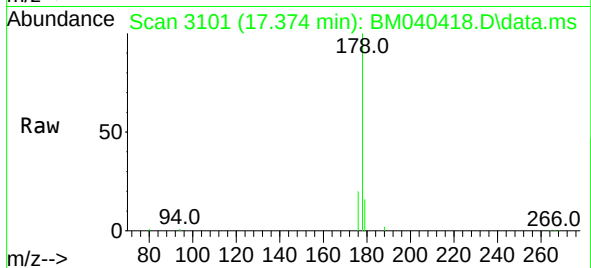
Acq: 27 Jun 2023 01:21

Instrument :

BNA_M

ClientSampleId :

DCFQ7DL



Tgt Ion:178 Resp: 4520

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

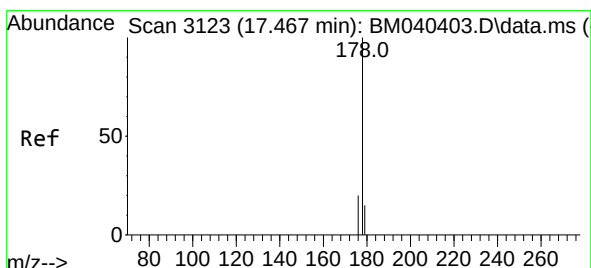
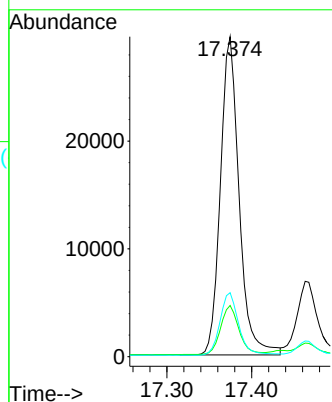
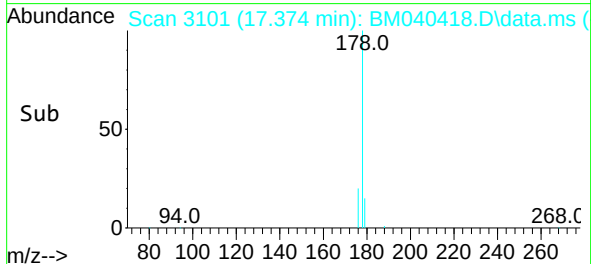
176 20.0 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#16

Anthracene

Concen: 0.194 ng/u1

RT: 17.463 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BM040418.D

Acq: 27 Jun 2023 01:21

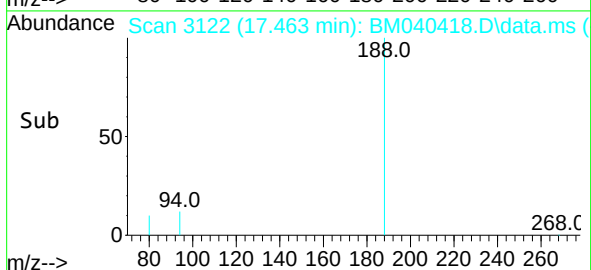
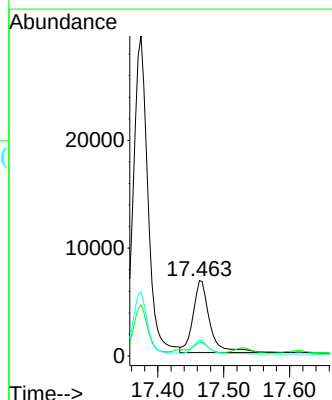
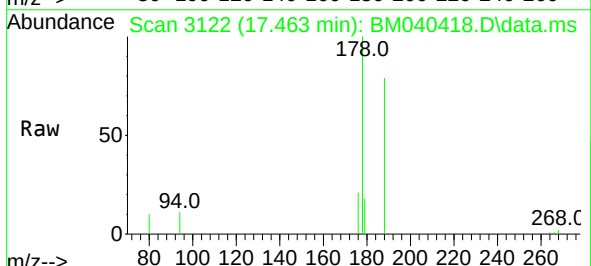
Tgt Ion:178 Resp: 11845

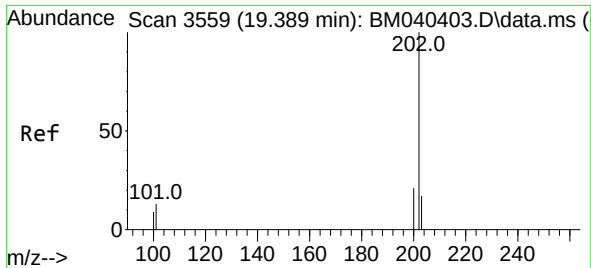
Ion Ratio Lower Upper

178 100

179 18.1 12.9 19.3

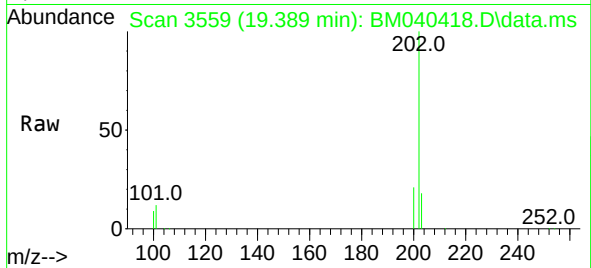
176 20.8 15.8 23.6





#19
Fluoranthene
Concen: 2.157 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

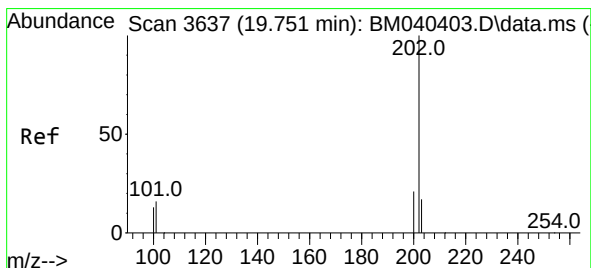
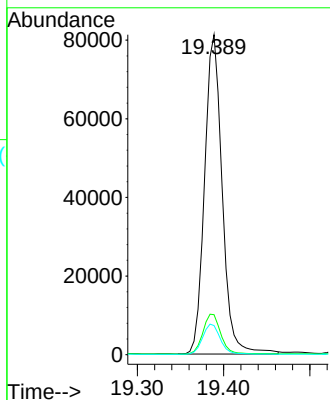
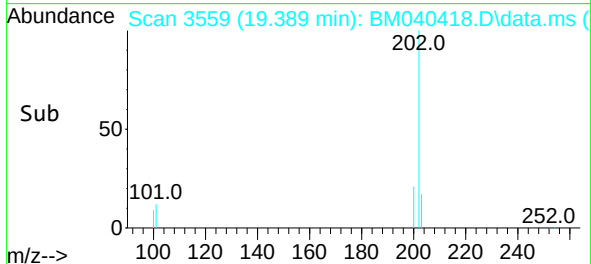
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BNA_M
ClientSampleId :
DCFQ7DL



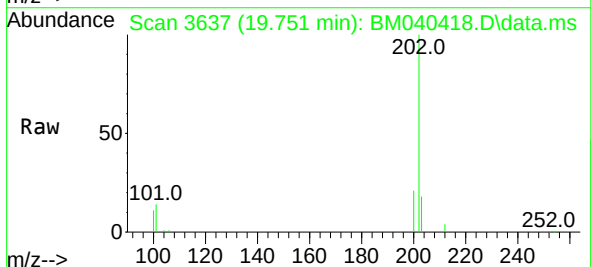
Tgt Ion:202 Resp: 11575
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.1 8.7 13.1

Manual Integrations
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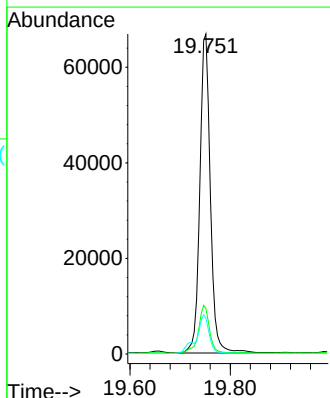
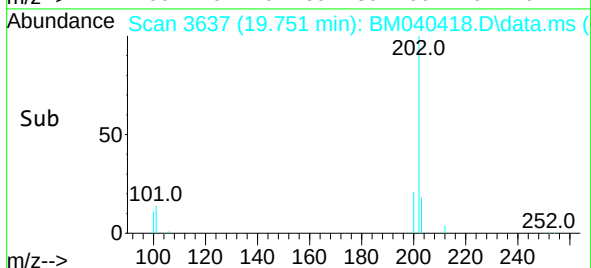
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

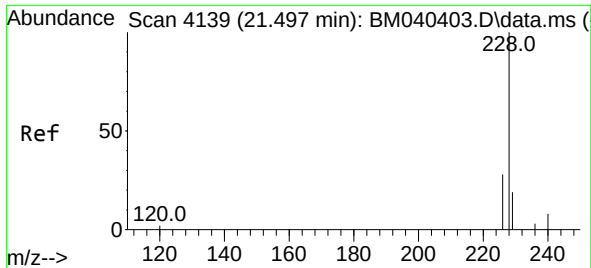


#20
Pyrene
Concen: 1.690 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21



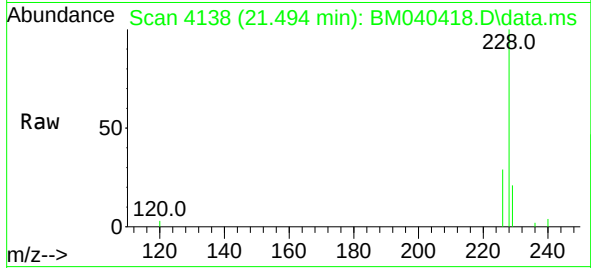
Tgt Ion:202 Resp: 97195
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.082 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

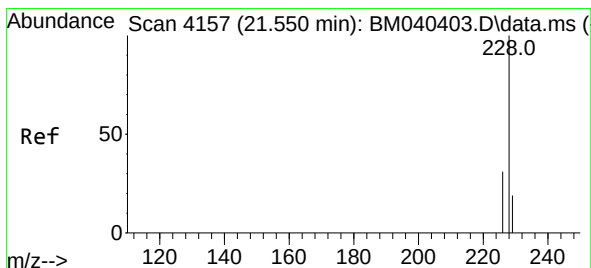
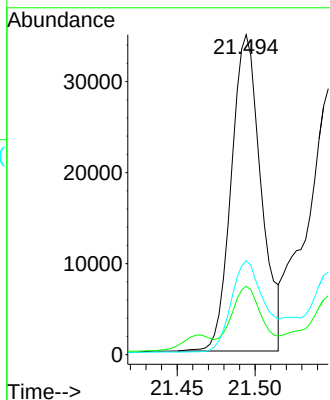
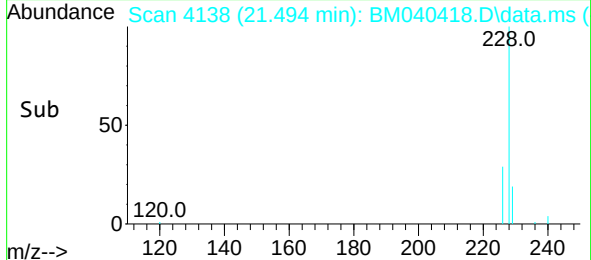
Instrument :
BNA_M
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DCFQ7DL



Tgt Ion:228 Resp: 46240
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.3 22.3 33.5

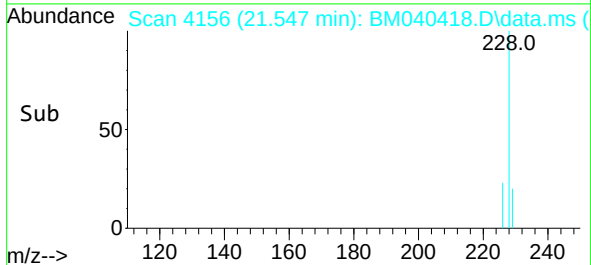
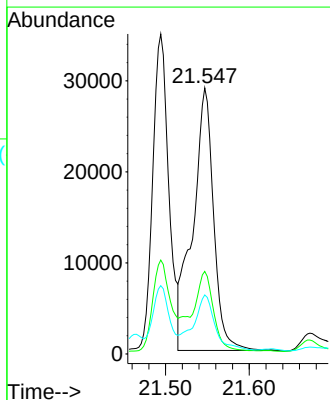
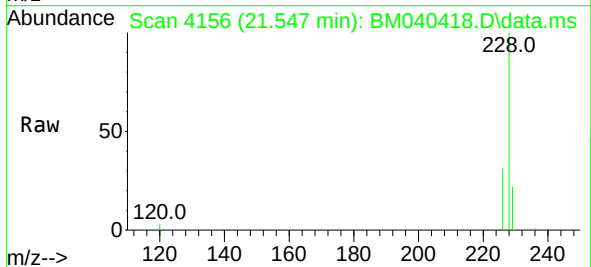
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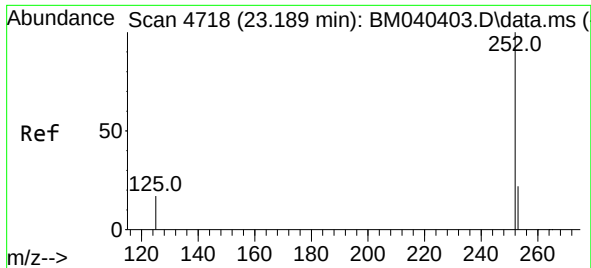
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 1.025 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

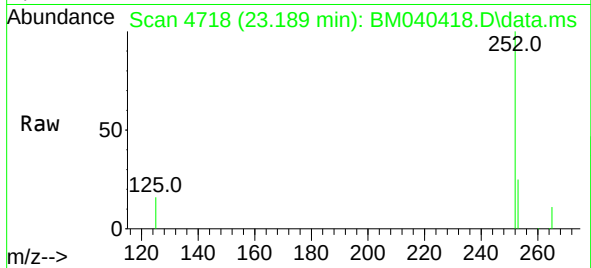
Tgt Ion:228 Resp: 49957
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.564 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

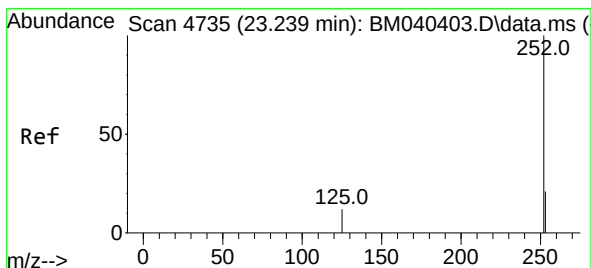
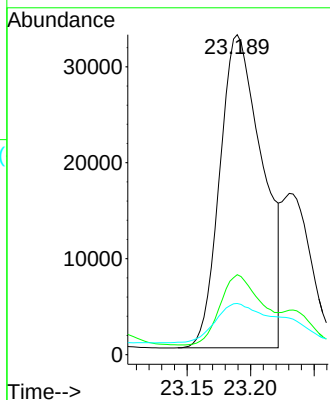
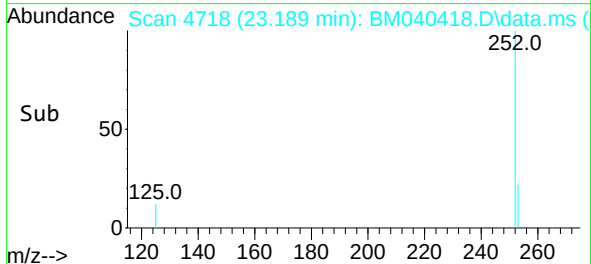
Instrument :
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DCFQ7DL



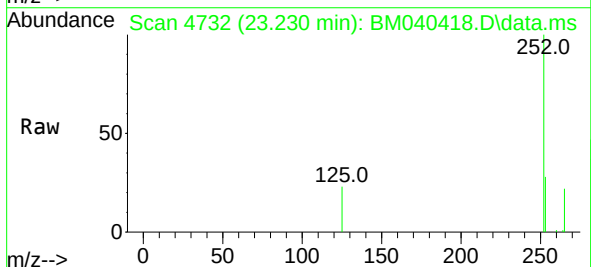
Tgt Ion:252 Resp: 76098
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 16.0 0.0 43.0

Manual Integrations
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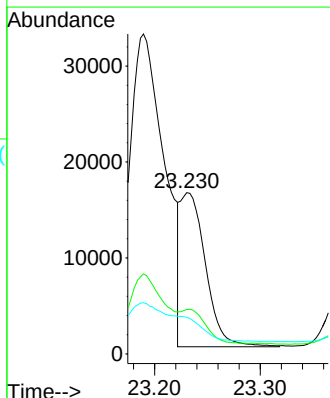
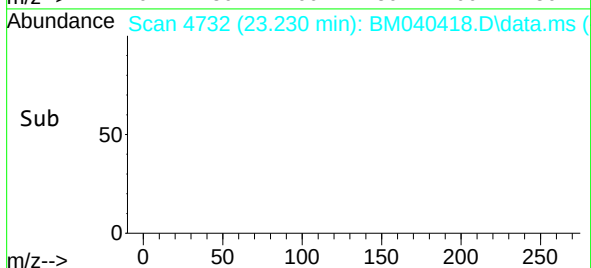
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

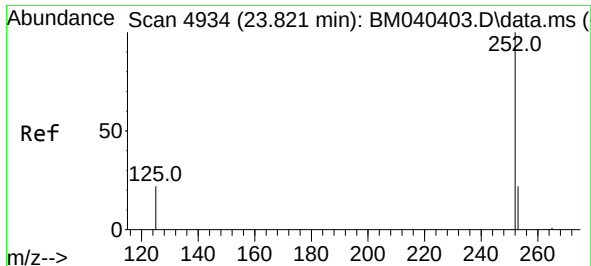


#25
Benzo(k)fluoranthene
Concen: 0.556 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21



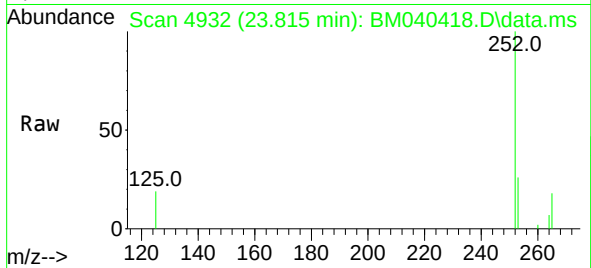
Tgt Ion:252 Resp: 26638
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 22.8 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.032 ng/u1
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

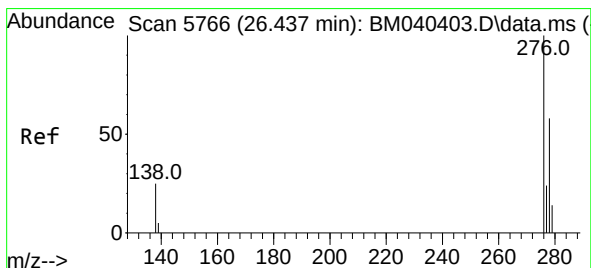
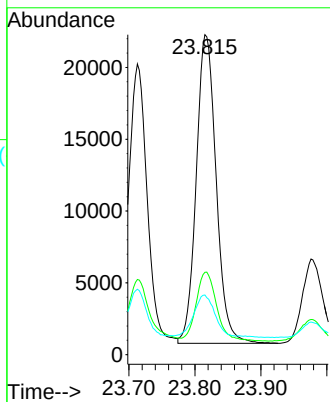
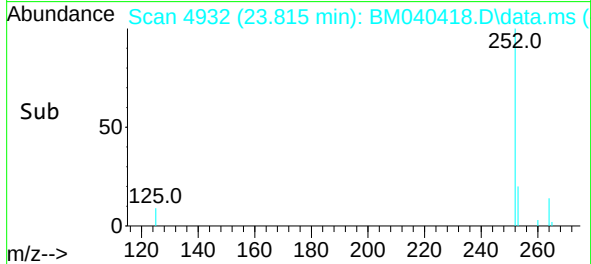
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



Tgt Ion:252 Resp: 45239
Ion Ratio Lower Upper
252 100
253 25.7 22.9 34.3
125 18.7 21.0 31.4

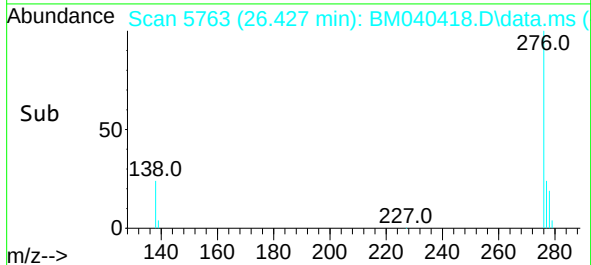
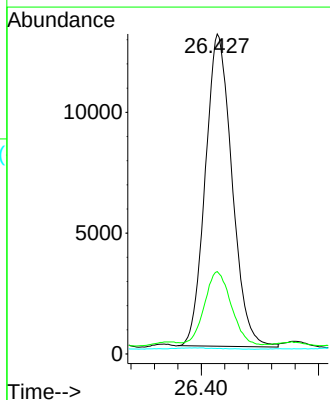
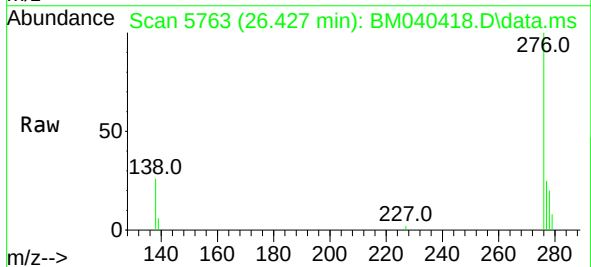
Manual Integrations
APPROVED

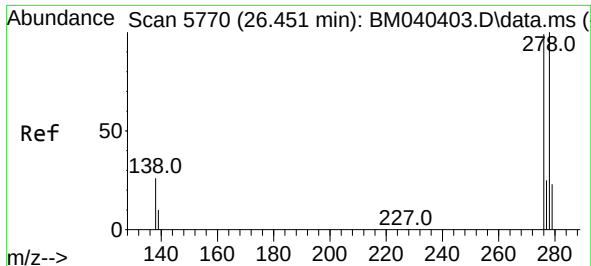
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.669 ng/u1
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

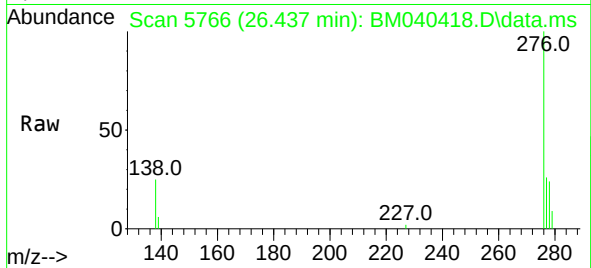
Tgt Ion:276 Resp: 40829
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.207 ng/ul
RT: 26.437 min Scan# 5112
Delta R.T. -0.017 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21

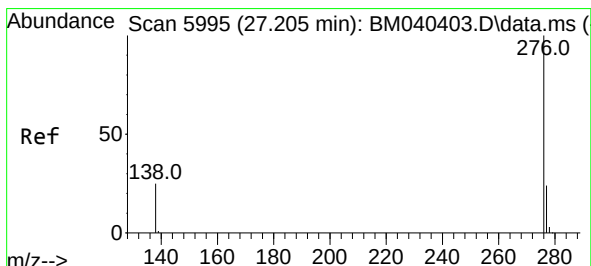
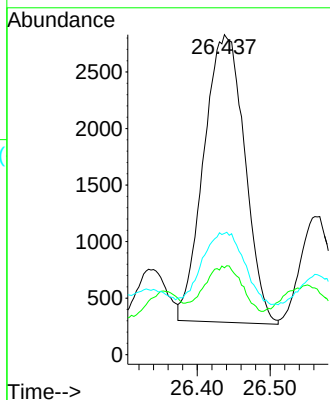
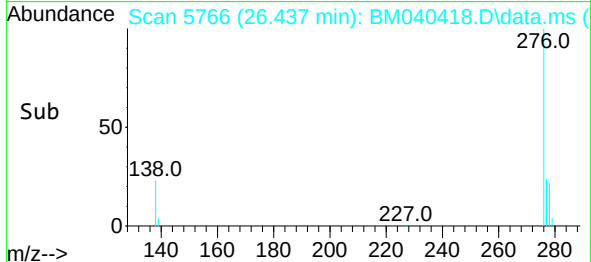
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



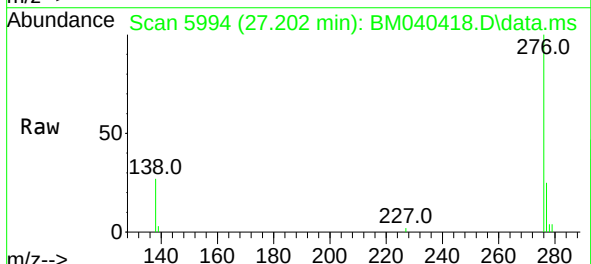
Tgt Ion:278 Resp: 9912
Ion Ratio Lower Upper
278 100
139 27.1 17.9 26.9
279 37.9 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.713 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040418.D
Acq: 27 Jun 2023 01:21



Tgt Ion:276 Resp: 38116
Ion Ratio Lower Upper
276 100
138 26.7 23.0 34.6
277 25.4 20.3 30.5

