

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040408.D
 Acq On : 26 Jun 2023 19:11
 Operator : MA/JU
 Sample : 03084-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFL8

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 04:26:59 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	7.949	152	7889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	26118	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.586	164	11967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	19835	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13179	0.400	ng/ul #	0.00
23) Perylene-d12	23.932	264	22896	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	34317	2.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	8869	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	11149	0.264	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.806	128	83235	1.155	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	19901	0.470	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	10307	0.244	ng/ul	97
10) Acenaphthylene	14.309	152	367803	6.880	ng/ul	99
11) Acenaphthene	14.651	153	8235	0.182	ng/ul	97
12) Fluorene	15.637	166	13289	0.276	ng/ul#	97
15) Phenanthrene	17.375	178	197538	3.206	ng/ul	98
16) Anthracene	17.463	178	203615	3.933	ng/ul	99
19) Fluoranthene	19.389	202	524436	9.368	ng/ul#	94
20) Pyrene	19.751	202	497222	8.285	ng/ul	97
21) Benzo(a)anthracene	21.494	228	442501	9.926	ng/ul	94
22) Chrysene	21.547	228	588458m	11.572	ng/ul	
24) Benzo(b)fluoranthene	23.198	252	2754578	31.087	ng/ul	87
25) Benzo(k)fluoranthene	23.236	252	718708m	8.230	ng/ul	
26) Benzo(a)pyrene	23.824	252	1318062	16.514	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.451	276	2068918	18.612	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.457	278	527311m	6.059	ng/ul	
29) Benzo(g,h,i)perylene	27.232	276	2176547	22.340	ng/ul#	93

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

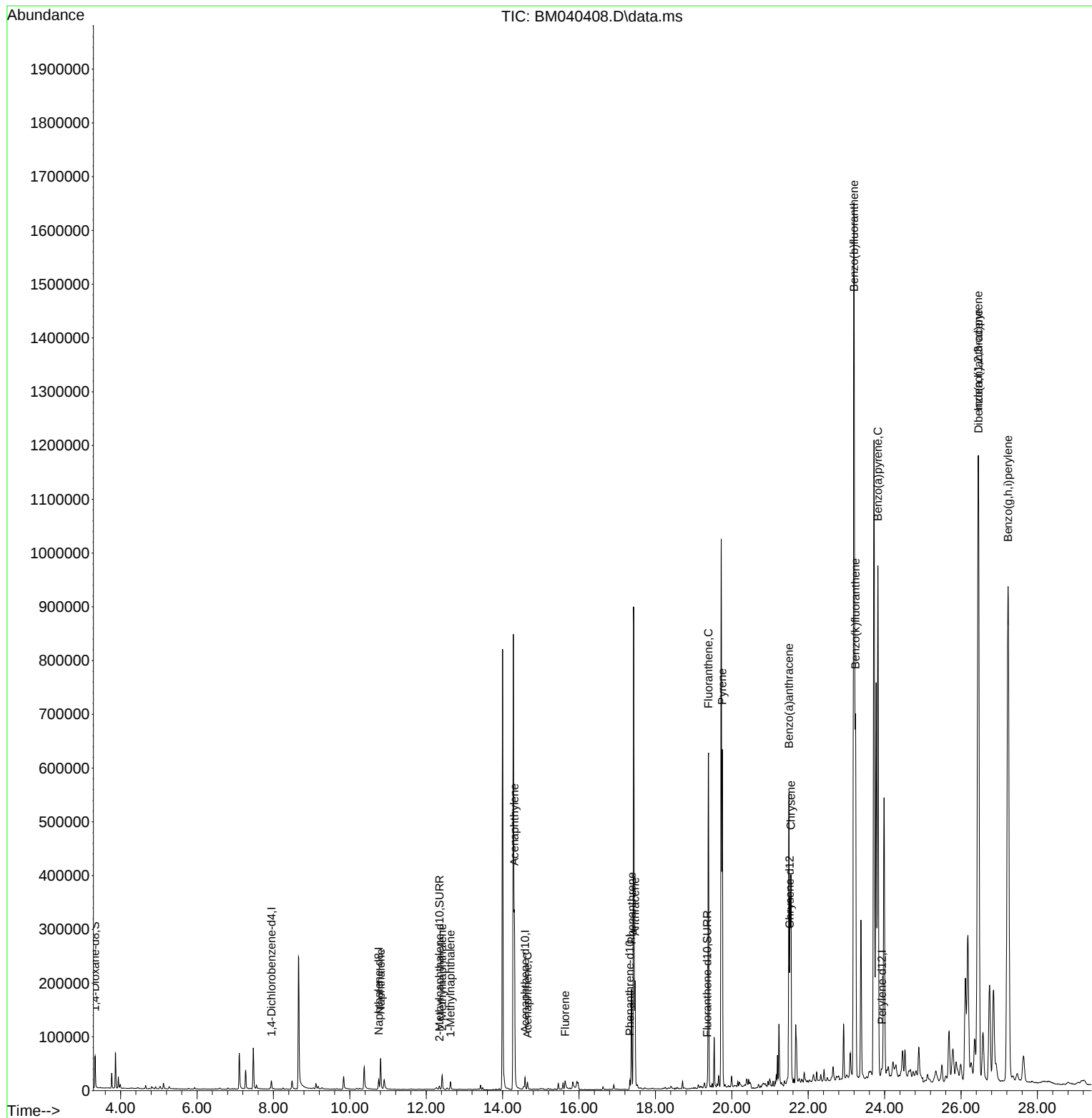
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040408.D
Acq On : 26 Jun 2023 19:11
Operator : MA/JU
Sample : 03084-01
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ALS Vial : 10 Sample Multiplier: 1

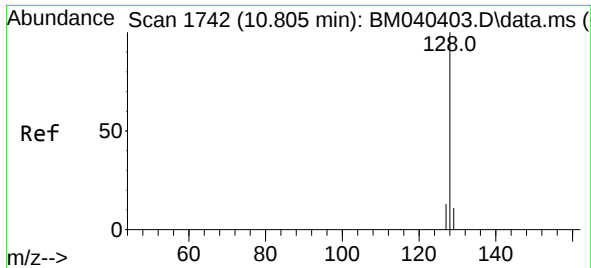
Instrument :
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Supervised By :mohammad ahmed 06/27/2023

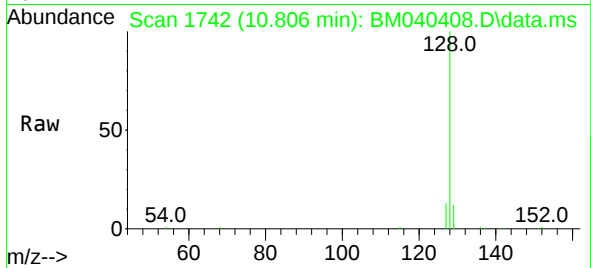
Quant Time: Jun 27 04:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.155 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

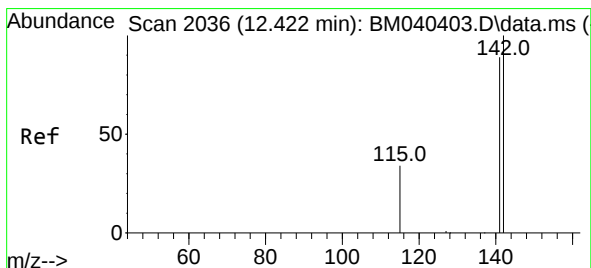
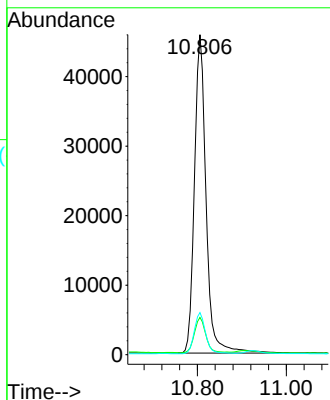
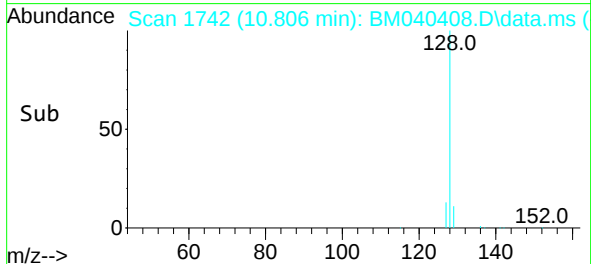
Instrument :
BNA_M
ClientSampleId :
DCFL8



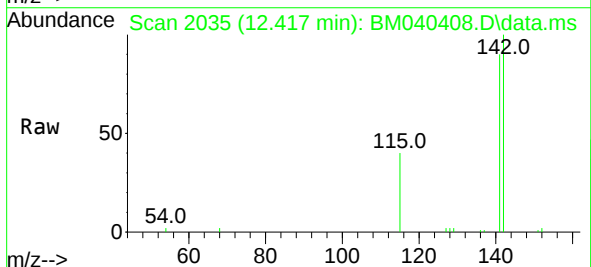
Tgt Ion:128 Resp: 83235
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.6 15.8

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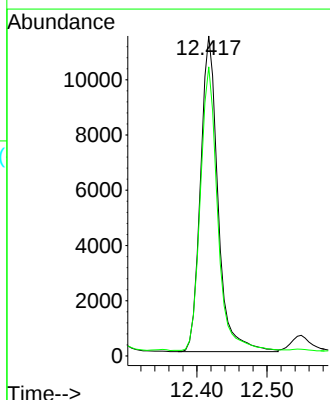
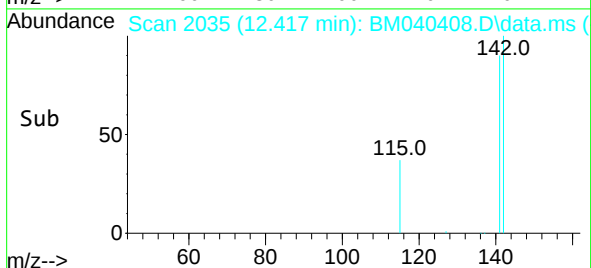
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

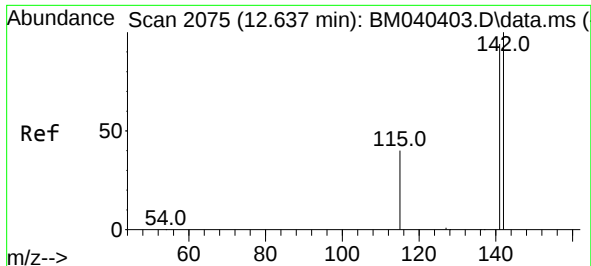


#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11



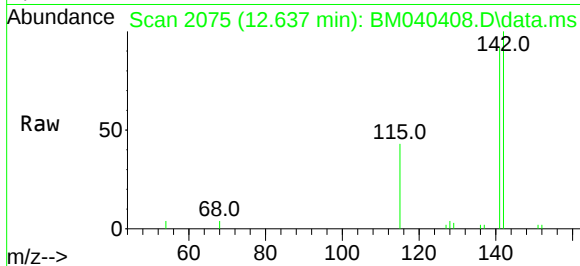
Tgt Ion:142 Resp: 19901
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

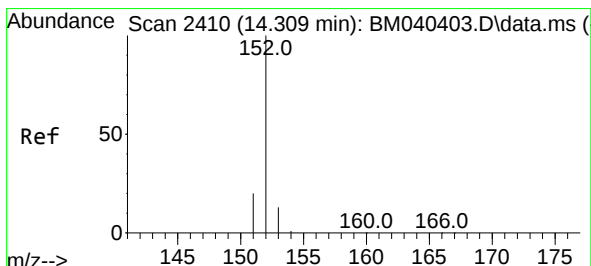
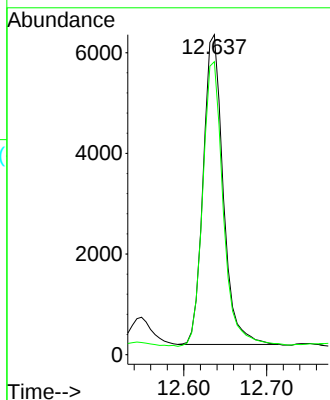
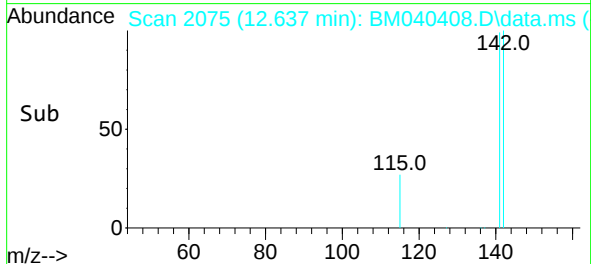
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:142 Resp: 10307
Ion Ratio Lower Upper
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141 94.8 73.7 110.5

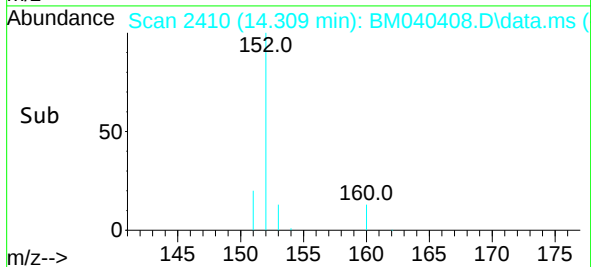
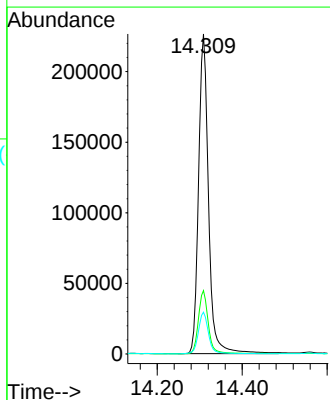
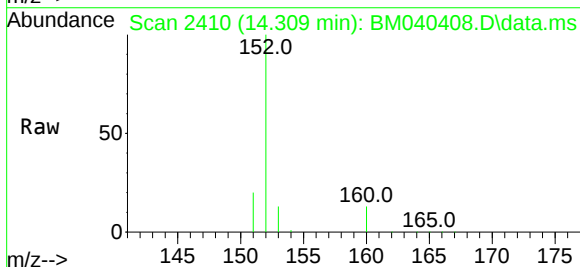
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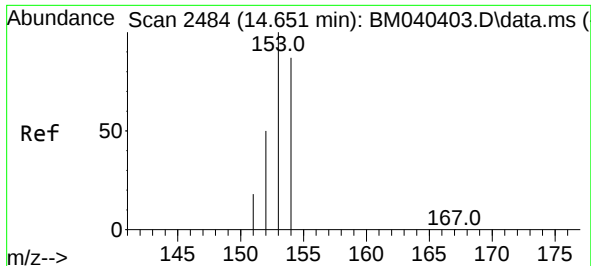
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 6.880 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

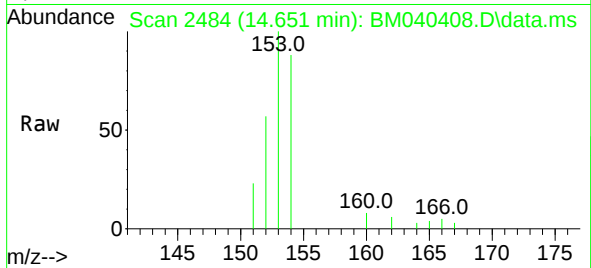
Tgt Ion:152 Resp: 367803
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.9 16.3





#11
Acenaphthene
Concen: 0.182 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

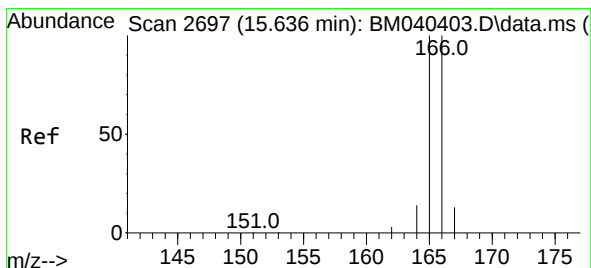
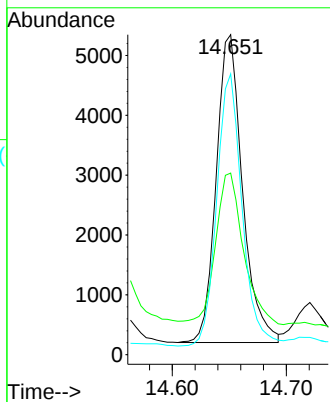
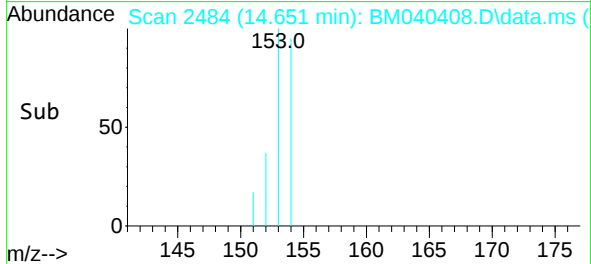
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:153 Resp: 8235
Ion Ratio Lower Upper
153 100
152 56.8 41.0 61.4
154 87.8 70.8 106.2

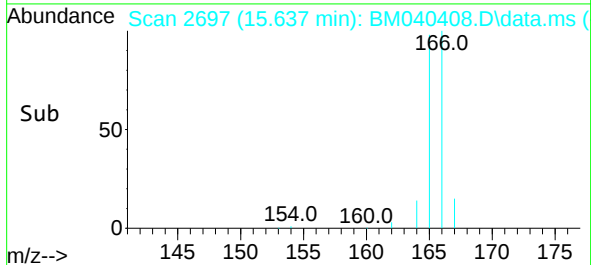
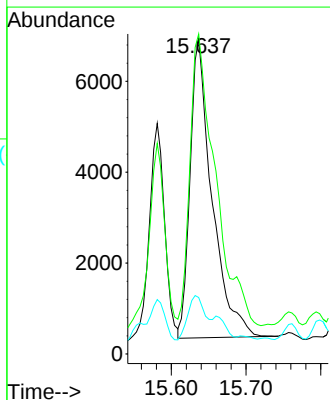
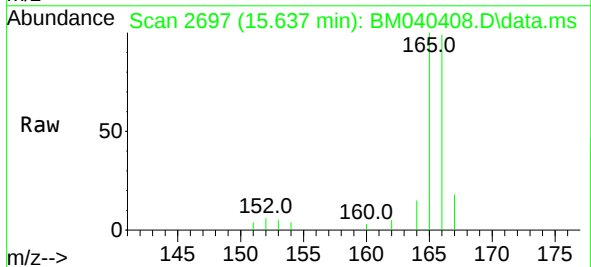
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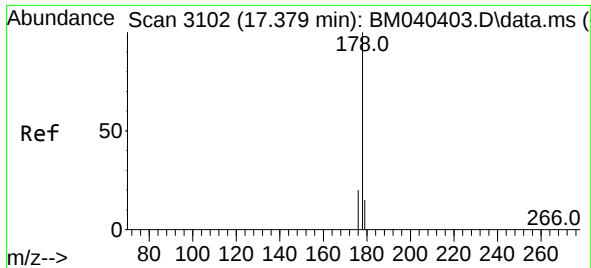
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.276 ng/u1
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

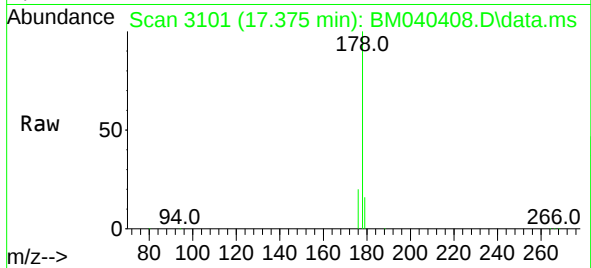
Tgt Ion:166 Resp: 13289
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 17.9 11.4 17.0#





#15
Phenanthrene
Concen: 3.206 ng/u1
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

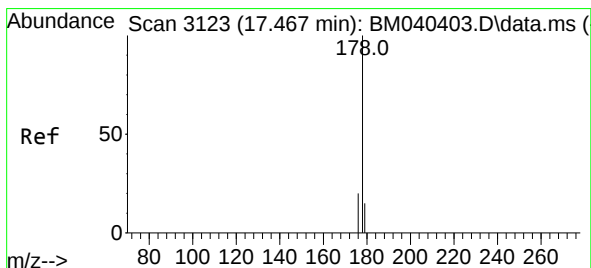
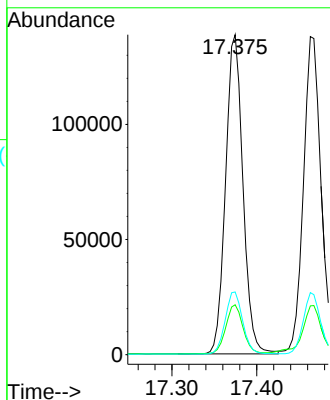
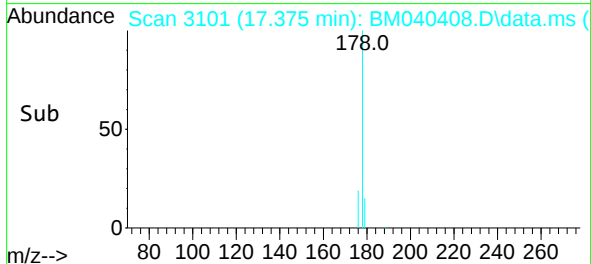
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:178 Resp: 197538
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.6 16.4 24.6

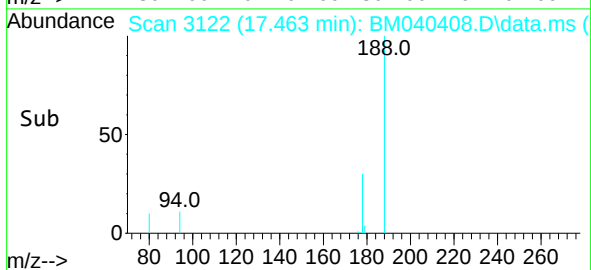
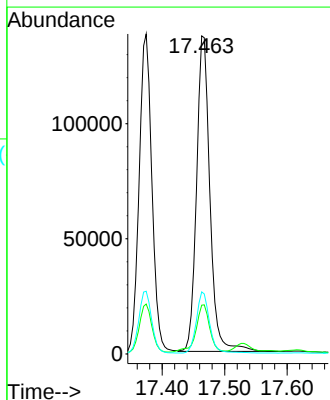
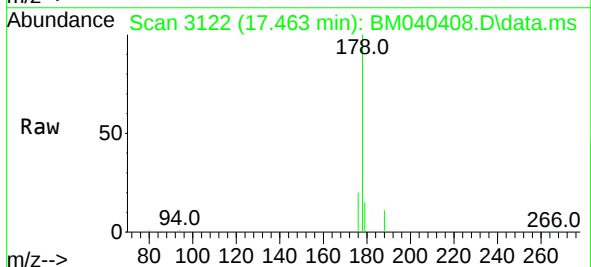
Manual Integrations
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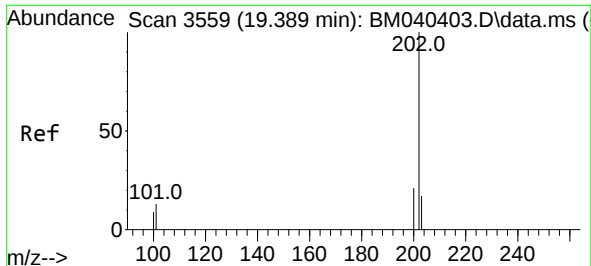
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 3.933 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

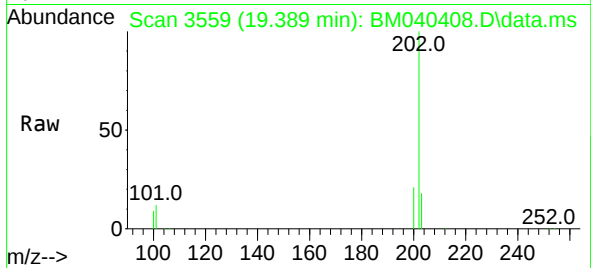
Tgt Ion:178 Resp: 203615
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 9.368 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

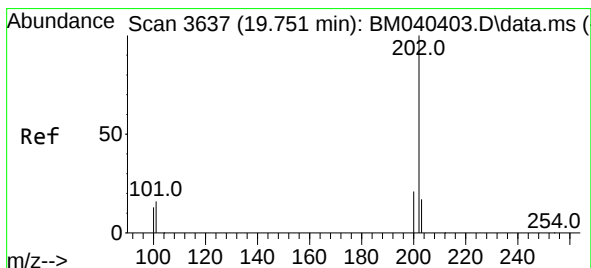
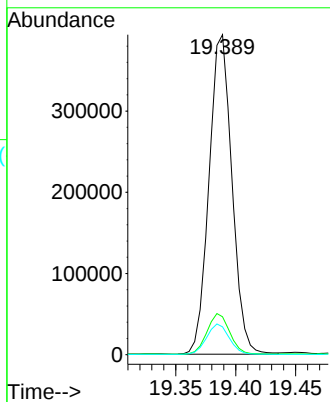
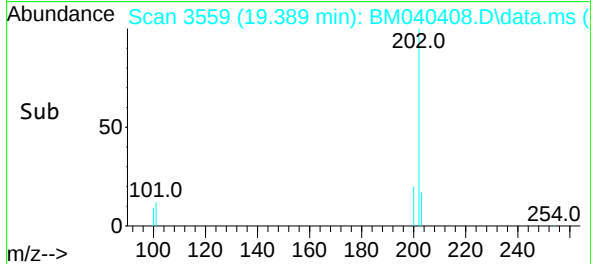
Instrument :
BNA_M
ClientSampleId :
DCFL8



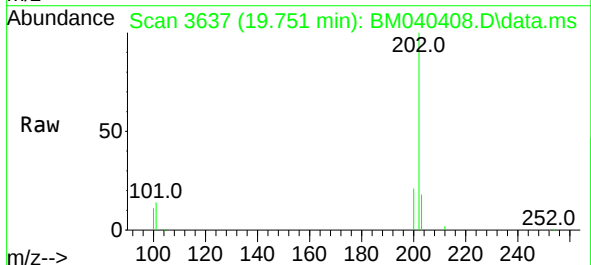
Tgt Ion:202 Resp: 524430
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 8.7 8.7 13.1

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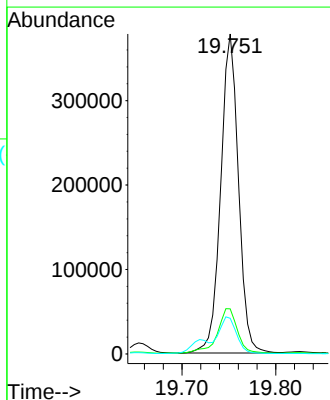
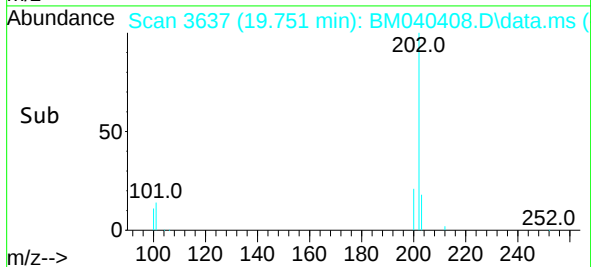
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

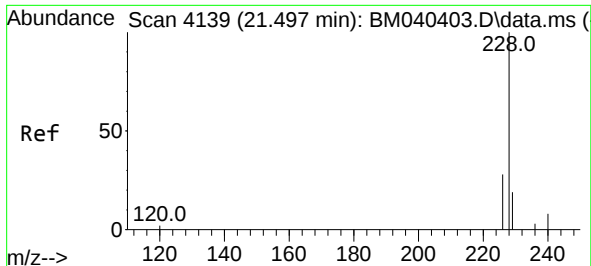


#20
Pyrene
Concen: 8.285 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11



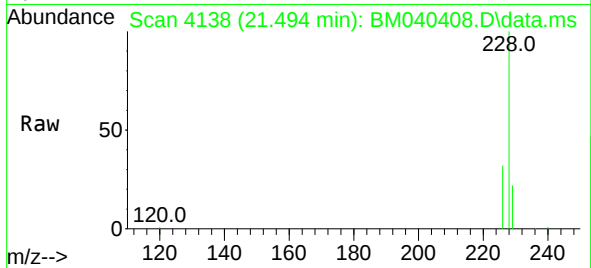
Tgt Ion:202 Resp: 497222
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 9.926 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

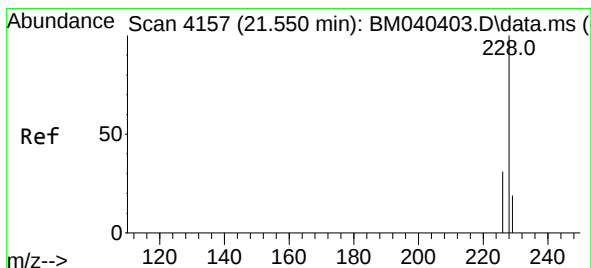
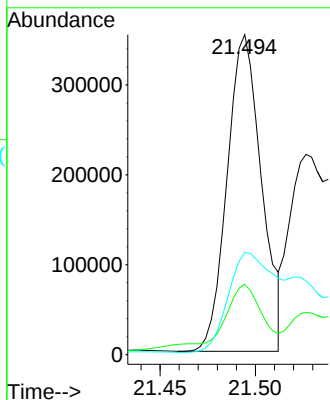
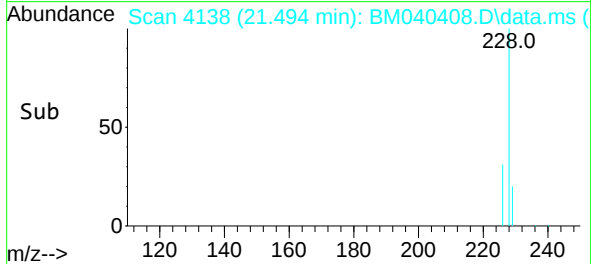
Instrument :
BNA_M
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DCFL8



Tgt Ion:228 Resp: 44250
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 32.0 22.3 33.5

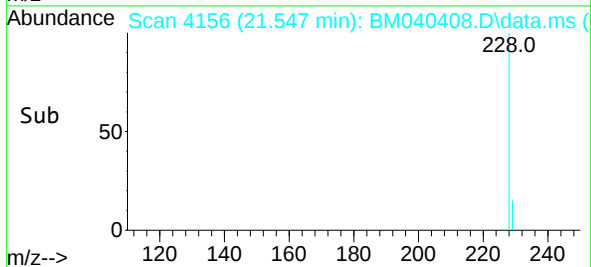
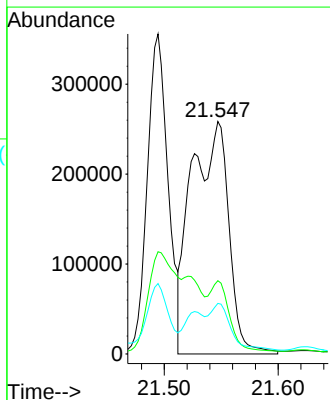
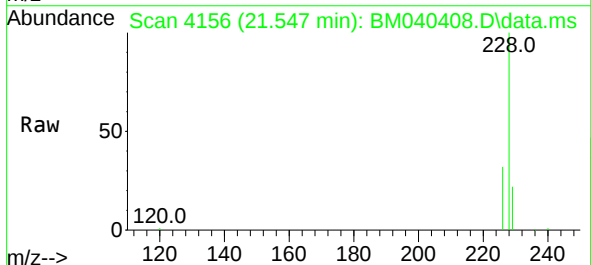
Manual Integrations
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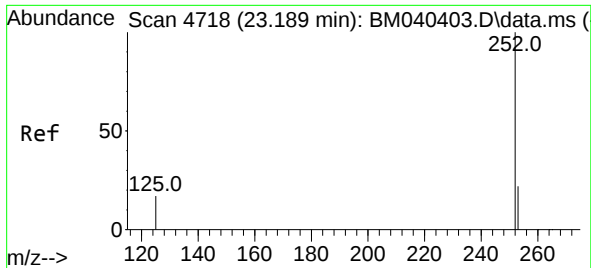
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 11.572 ng/ul m
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

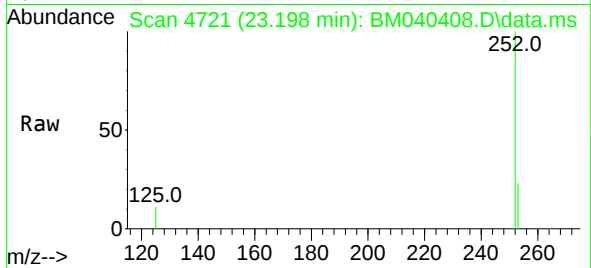
Tgt Ion:228 Resp: 588458
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 31.087 ng/ul
RT: 23.198 min Scan# 4721
Delta R.T. 0.006 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

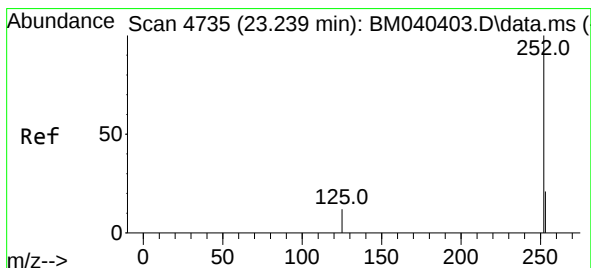
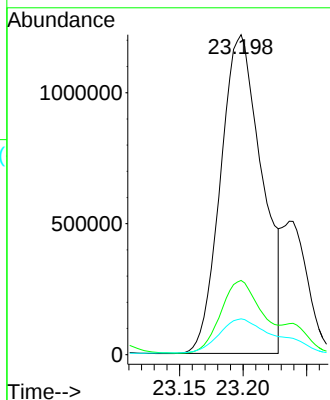
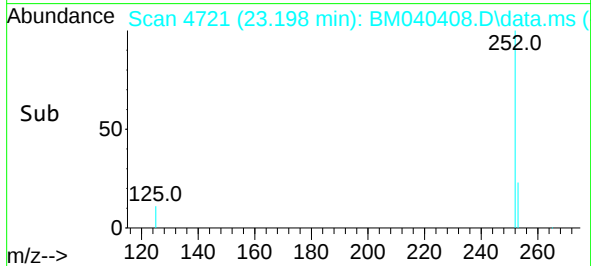
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:252 Resp: 2754578
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 11.2 0.0 43.0

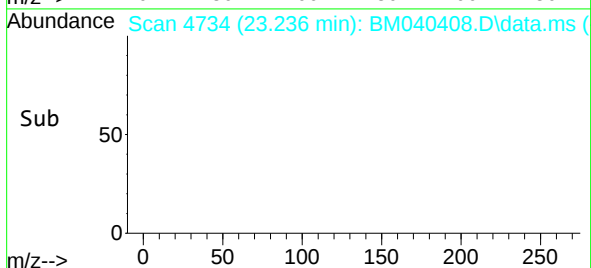
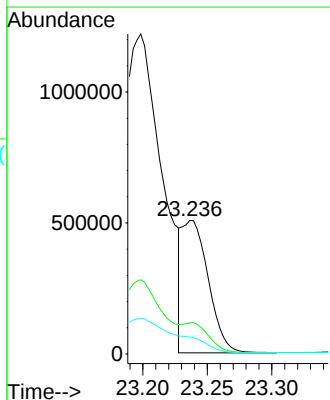
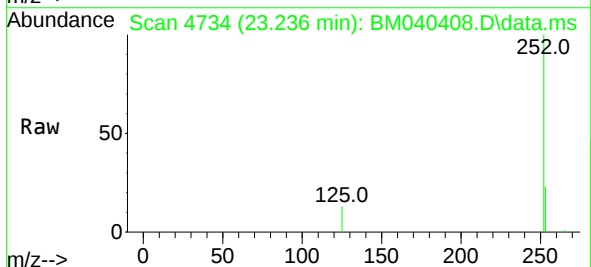
Manual Integrations
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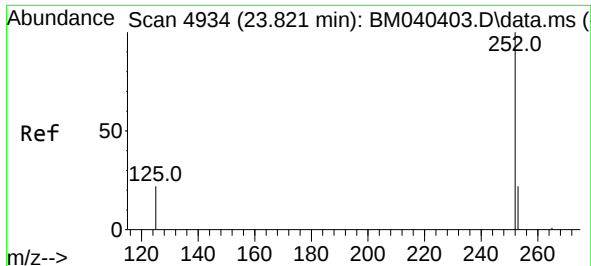
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 8.230 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

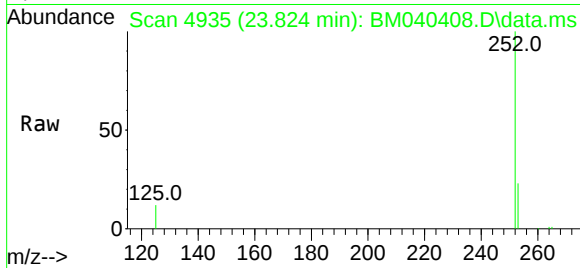
Tgt Ion:252 Resp: 718708
Ion Ratio Lower Upper
252 100
253 23.3 21.2 31.8
125 12.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 16.514 ng/ul
RT: 23.824 min Scan# 4934
Delta R.T. 0.000 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

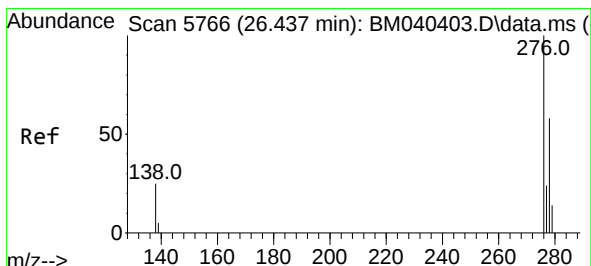
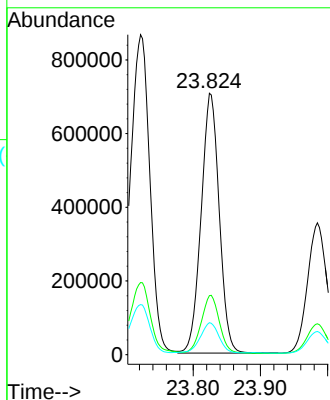
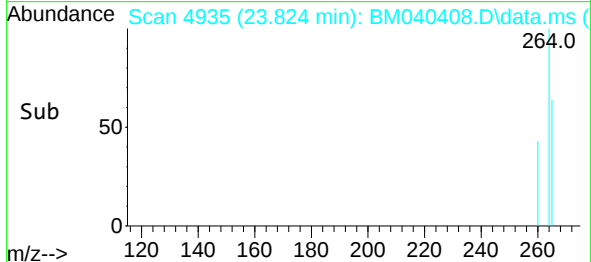
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:252 Resp: 1318062
Ion Ratio Lower Upper
252 100
253 22.6 22.9 34.3#
125 12.3 21.0 31.4#

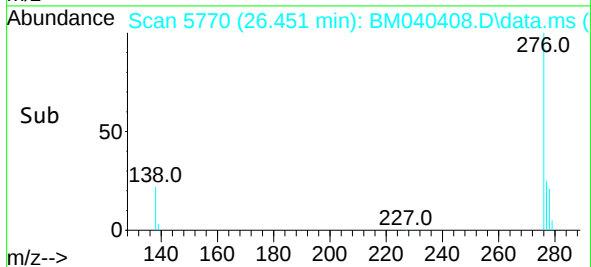
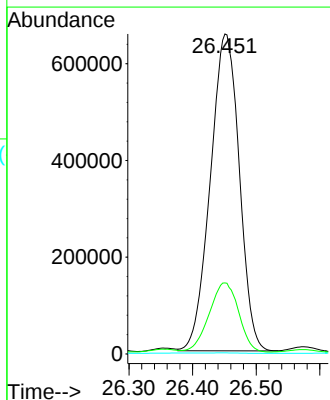
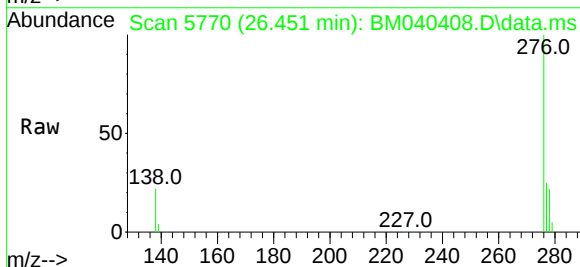
Manual Integrations
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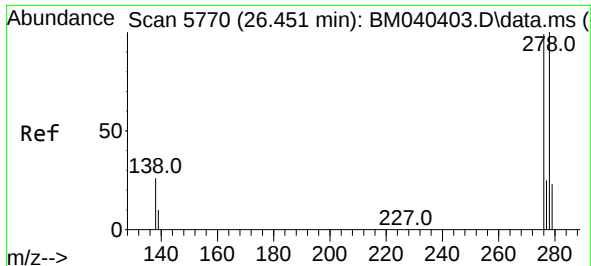
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 18.612 ng/ul
RT: 26.451 min Scan# 5770
Delta R.T. 0.017 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

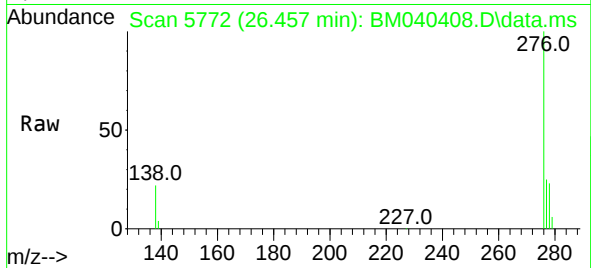
Tgt Ion:276 Resp: 2068918
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 6.059 ng/ul m
RT: 26.457 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

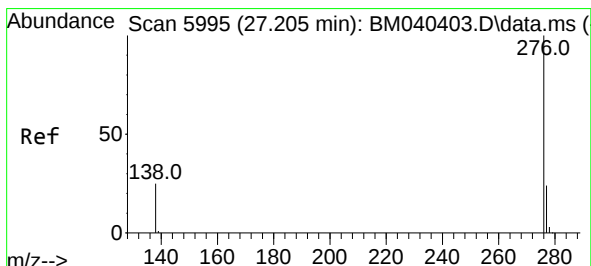
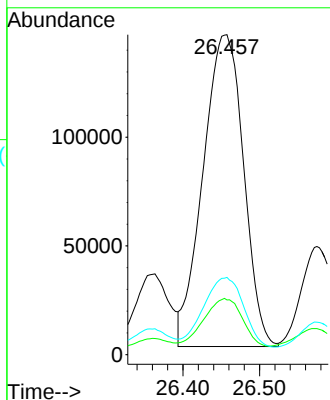
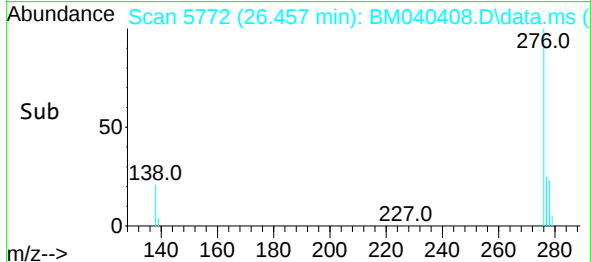
Instrument :
BNA_M
ClientSampleId :
DCFL8



Tgt Ion:278 Resp: 52731
Ion Ratio Lower Upper
278 100
139 17.1 17.9 26.9
279 24.2 22.0 33.0

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



#29
Benzo(g,h,i)perylene
Concen: 22.340 ng/ul
RT: 27.232 min Scan# 6003
Delta R.T. 0.027 min
Lab File: BM040408.D
Acq: 26 Jun 2023 19:11

Tgt Ion:276 Resp: 2176547
Ion Ratio Lower Upper
276 100
138 22.8 23.0 34.6#
277 24.3 20.3 30.5

