

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040412.D
 Acq On : 26 Jun 2023 21:39
 Operator : MA/JU
 Sample : 03084-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM8DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 04:27:42 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	8208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	29410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	13200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21716	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	13532	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	14741	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6403	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1590	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	2062	0.048	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	2935	0.036	ng/ul#	84
7) 2-Methylnaphthalene	12.417	142	1563	0.033	ng/ul	93
8) 1-Methylnaphthalene	12.637	142	1329	0.028	ng/ul	99
10) Acenaphthylene	14.309	152	6006	0.102	ng/ul#	94
11) Acenaphthene	14.647	153	1775	0.036	ng/ul	95
12) Fluorene	15.637	166	1965	0.037	ng/ul#	92
15) Phenanthrene	17.375	178	32474	0.481	ng/ul	99
16) Anthracene	17.463	178	8328	0.147	ng/ul#	94
19) Fluoranthene	19.389	202	77200	1.343	ng/ul	96
20) Pyrene	19.751	202	64530	1.047	ng/ul	98
21) Benzo(a)anthracene	21.497	228	38717	0.846	ng/ul	97
22) Chrysene	21.550	228	41006	0.785	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	65026	1.140	ng/ul	96
25) Benzo(k)fluoranthene	23.236	252	21172m	0.377	ng/ul	
26) Benzo(a)pyrene	23.821	252	40518	0.788	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.434	276	34927	0.488	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.441	278	8641	0.154	ng/ul#	73
29) Benzo(g,h,i)perylene	27.209	276	32443	0.517	ng/ul	98

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

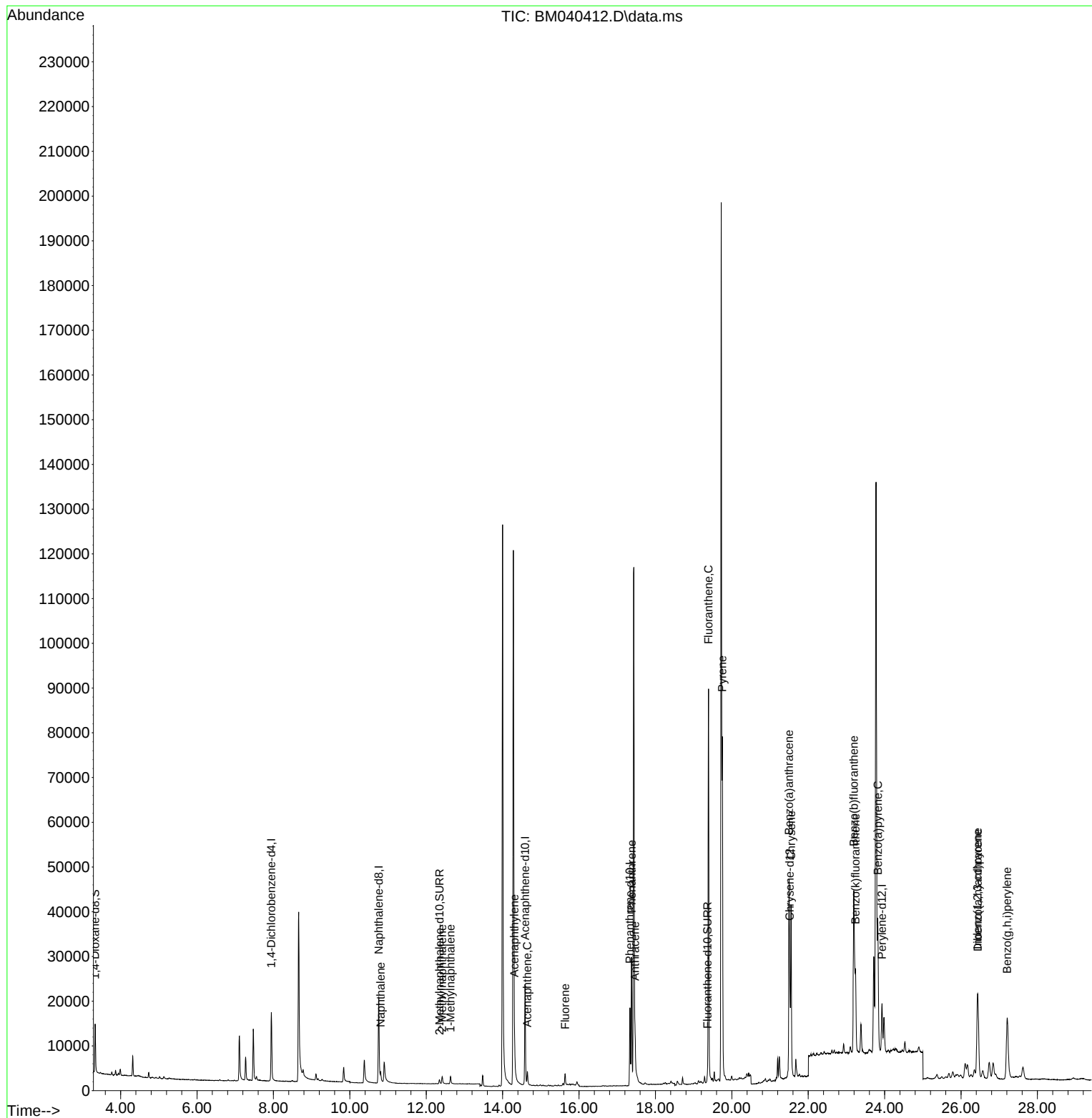
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040412.D
Acq On : 26 Jun 2023 21:39
Operator : MA/JU
Sample : 03084-11DL 5X
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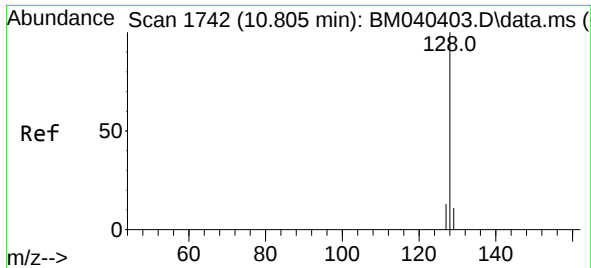
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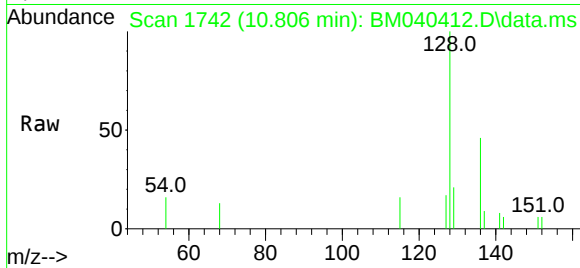
Quant Time: Jun 27 04:27:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

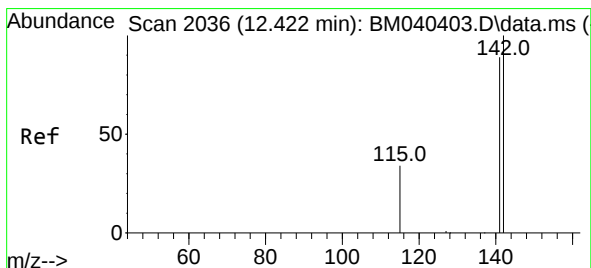
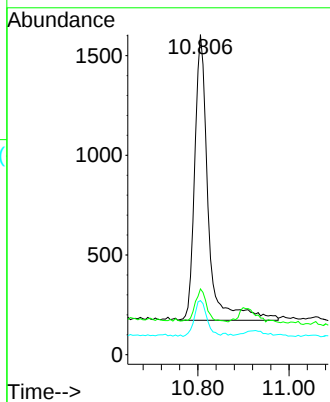
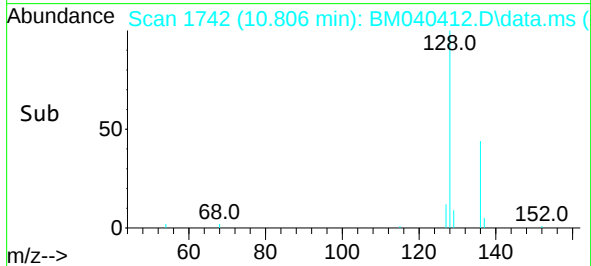
Instrument :
BNA_M
ClientSampleId :
DCFM8DL



Tgt Ion:128 Resp: 2935
Ion Ratio Lower Upper
128 100
129 20.6 9.2 13.8
127 16.9 10.6 15.8

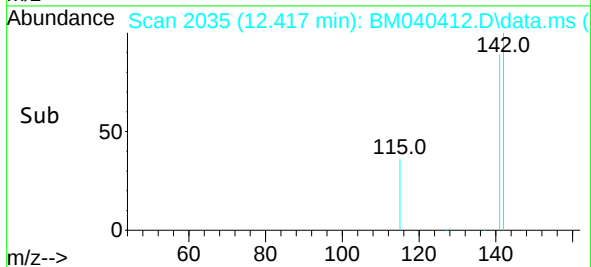
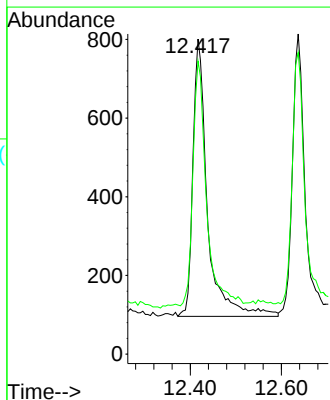
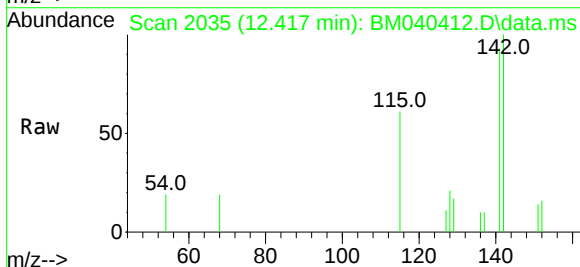
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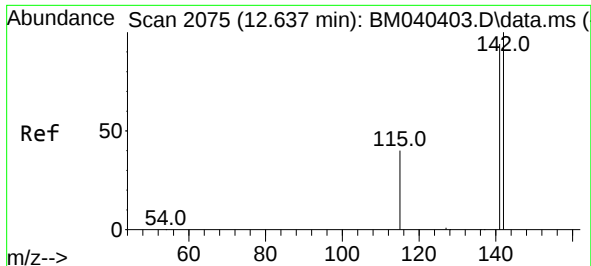
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

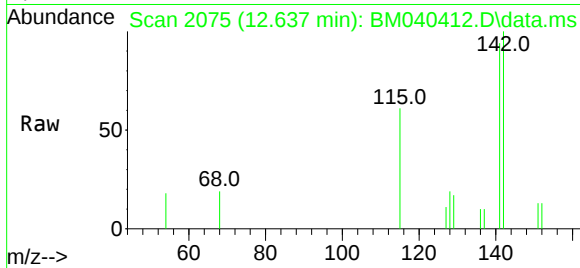
Tgt Ion:142 Resp: 1563
Ion Ratio Lower Upper
142 100
141 83.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

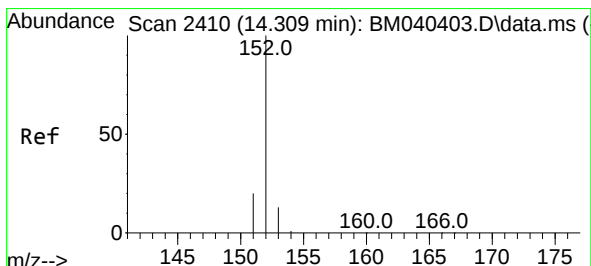
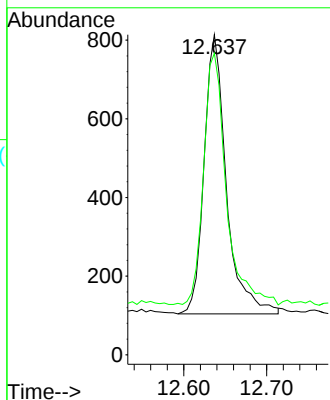
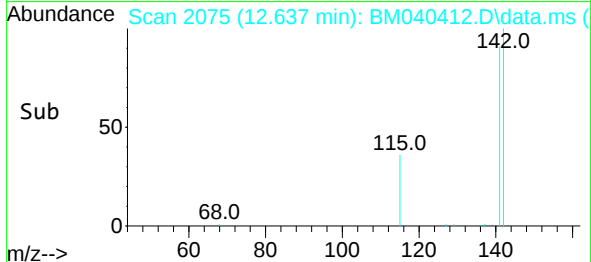
Instrument :
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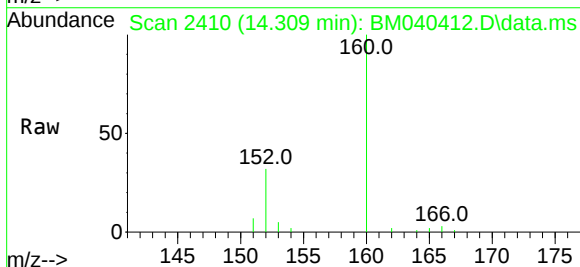
Tgt Ion:142 Resp: 1329
Ion Ratio Lower Upper
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141 91.3 73.7 110.5

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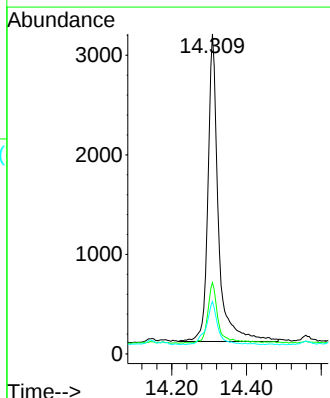
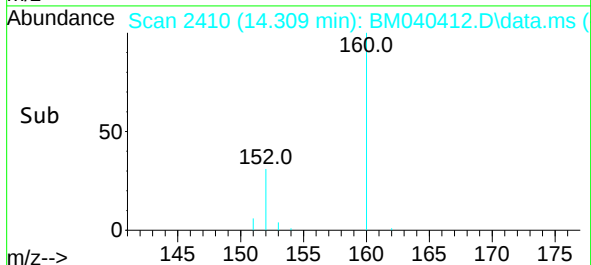
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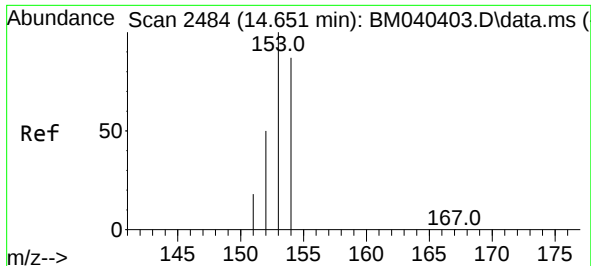


#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



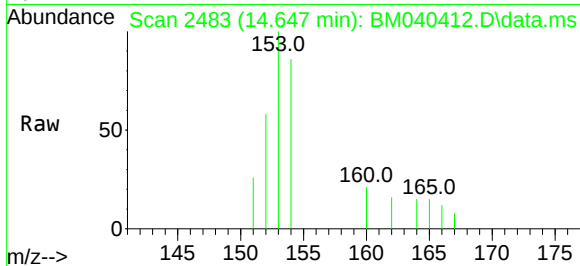
Tgt Ion:152 Resp: 6006
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 16.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

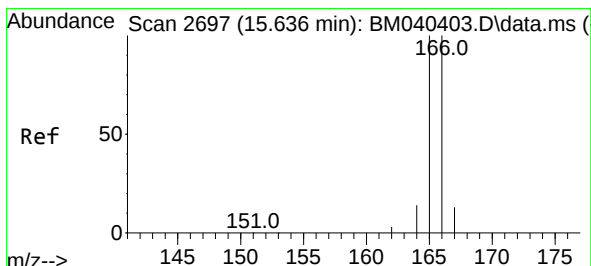
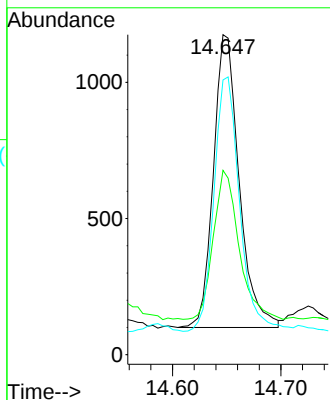
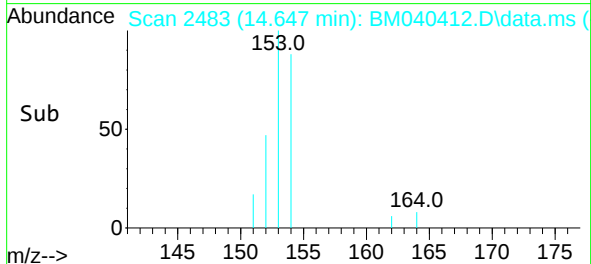
Instrument :
BNA_M
ClientSampleId :
DCFM8DL



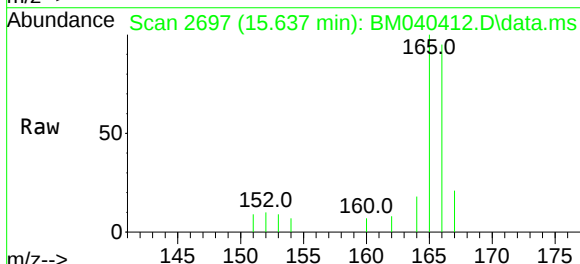
Tgt Ion:153 Resp: 1775
Ion Ratio Lower Upper
153 100
152 57.6 41.0 61.4
154 85.9 70.8 106.2

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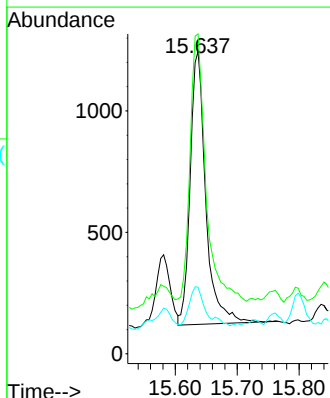
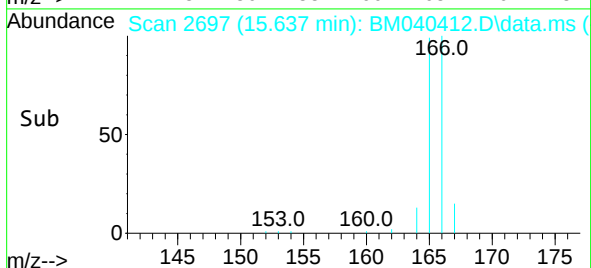
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

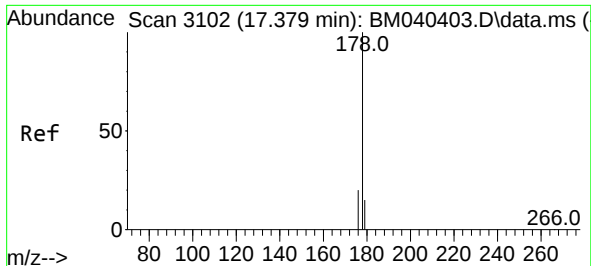


#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



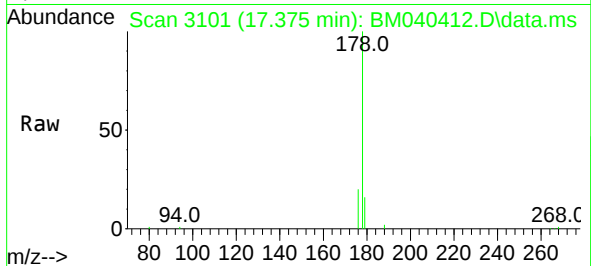
Tgt Ion:166 Resp: 1965
Ion Ratio Lower Upper
166 100
165 105.8 79.6 119.4
167 22.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.481 ng/u1
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

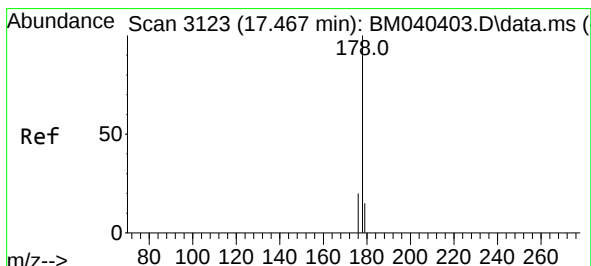
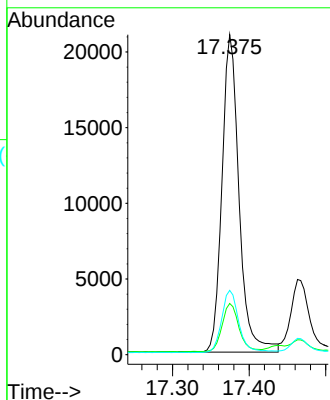
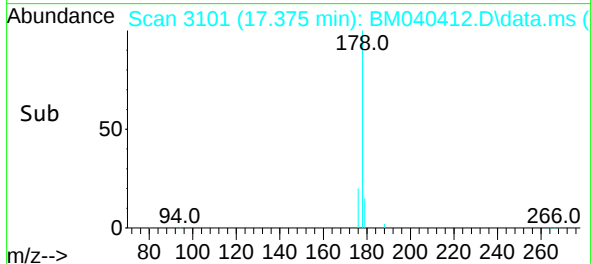
Instrument :
BNA_M
ClientSampleId :
DCFM8DL



Tgt Ion:178 Resp: 32474
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.1 16.4 24.6

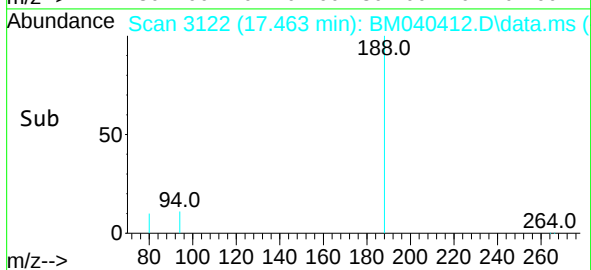
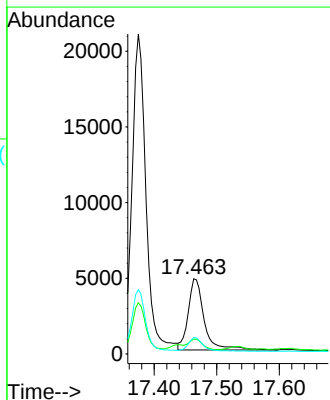
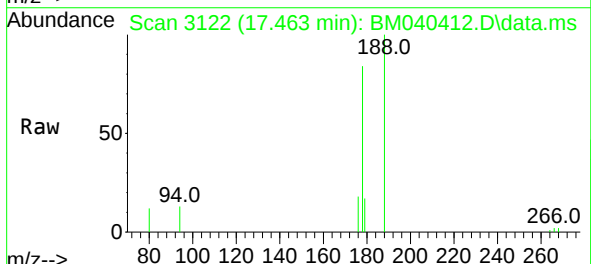
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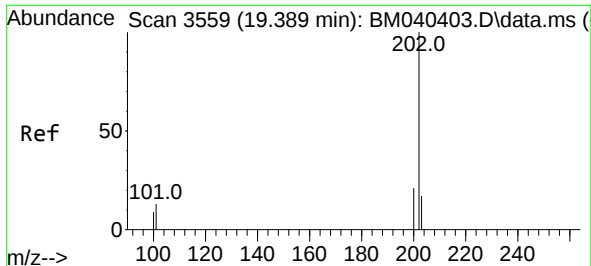
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.147 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

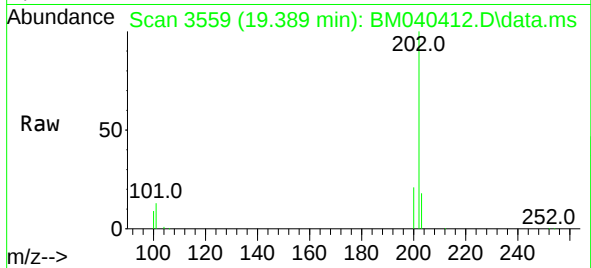
Tgt Ion:178 Resp: 8328
Ion Ratio Lower Upper
178 100
179 19.8 12.9 19.3#
176 21.8 15.8 23.6





#19
Fluoranthene
Concen: 1.343 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

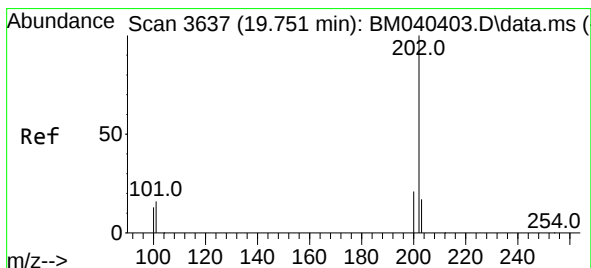
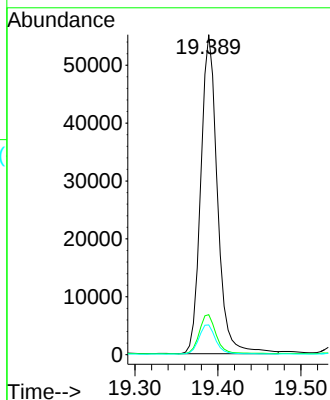
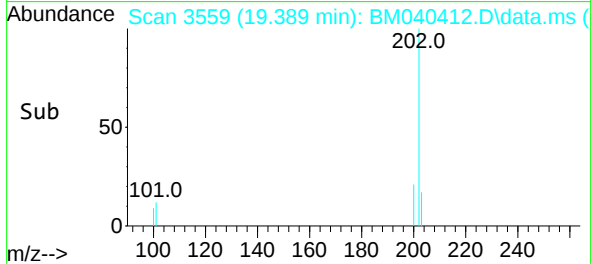
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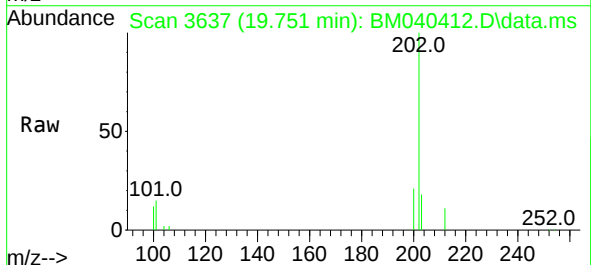
Tgt Ion:202 Resp: 77200
Ion Ratio Lower Upper
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101 12.5 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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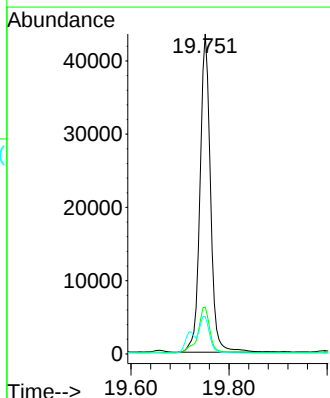
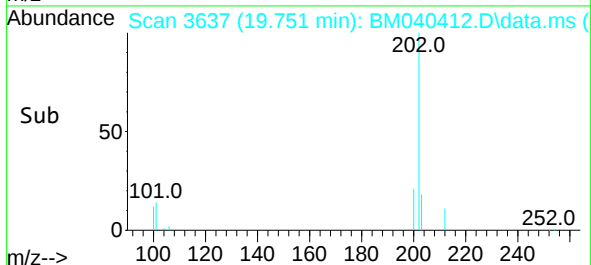
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Supervised By :mohammad ahmed 06/27/2023

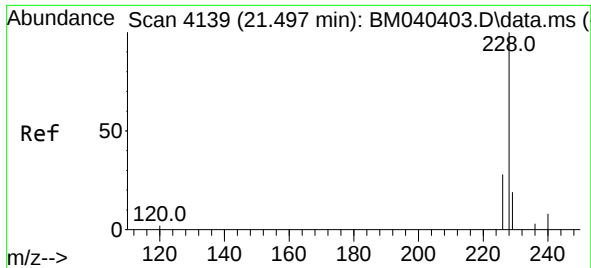


#20
Pyrene
Concen: 1.047 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



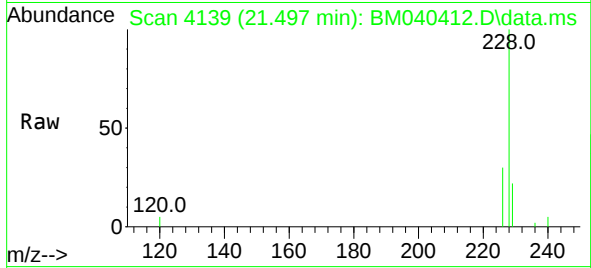
Tgt Ion:202 Resp: 64530
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.846 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

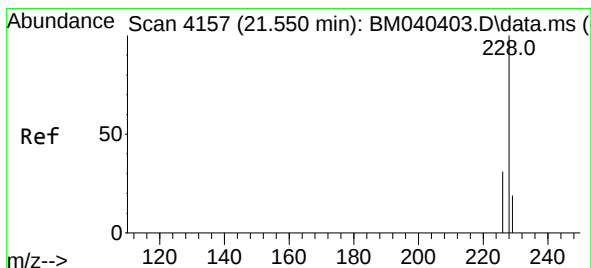
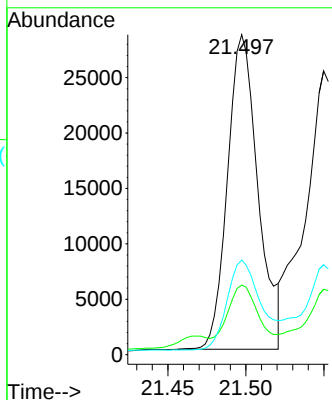
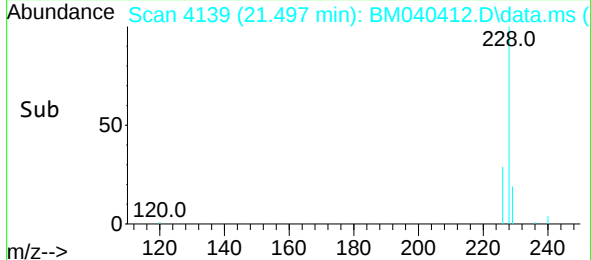
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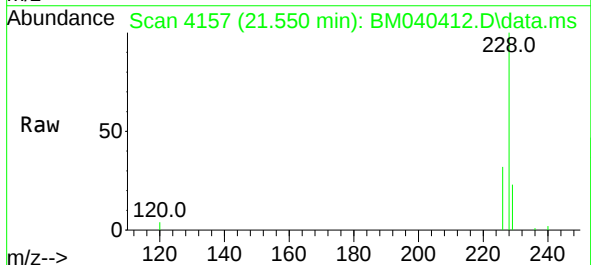
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Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.6 22.3 33.5

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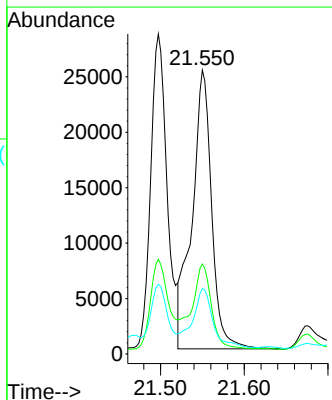
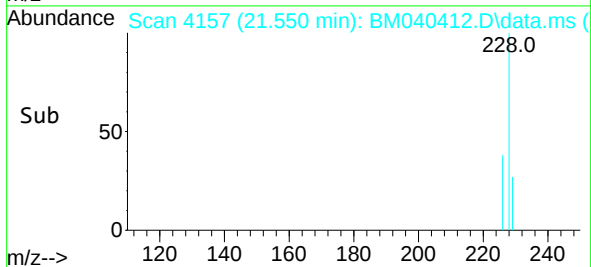
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

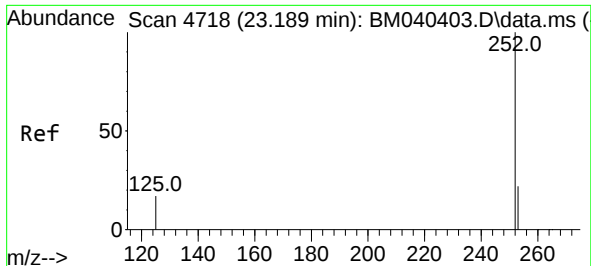


#22
Chrysene
Concen: 0.785 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



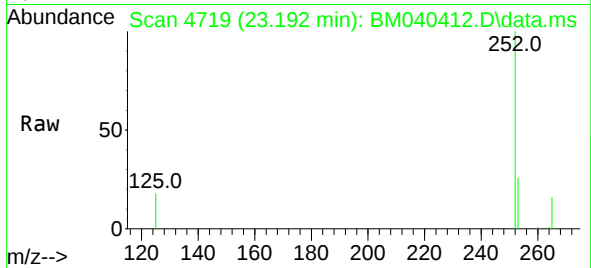
Tgt Ion:228 Resp: 41006
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.140 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

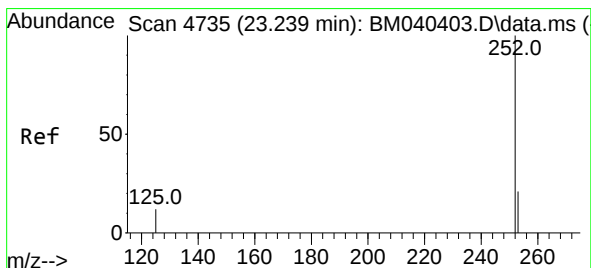
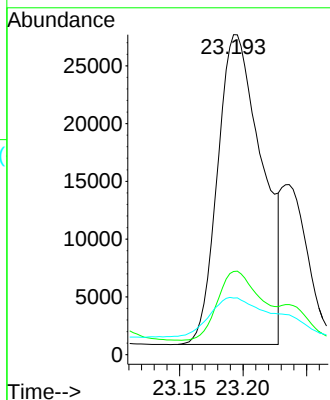
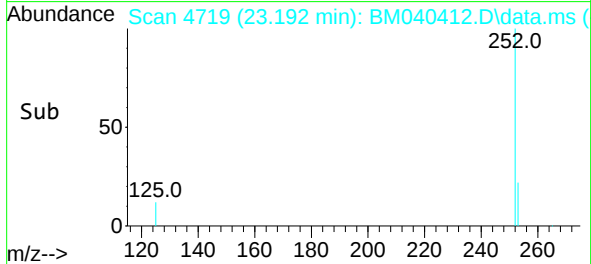
Instrument :
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Tgt Ion:252 Resp: 65020
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 17.7 0.0 43.0

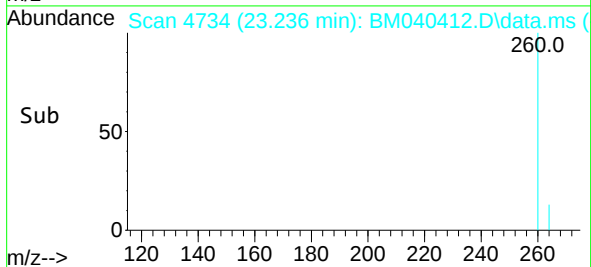
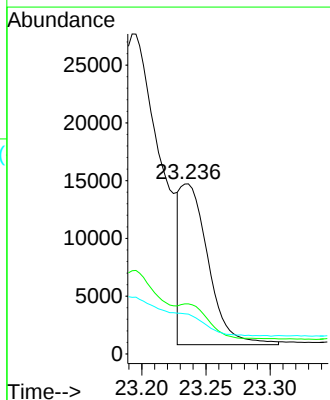
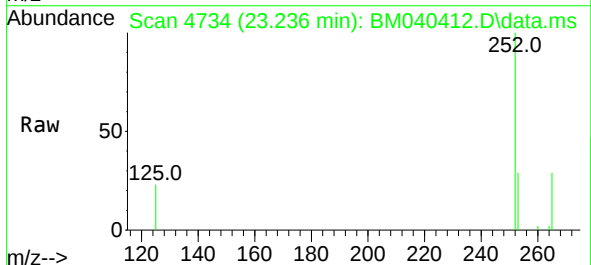
Manual Integrations
APPROVED

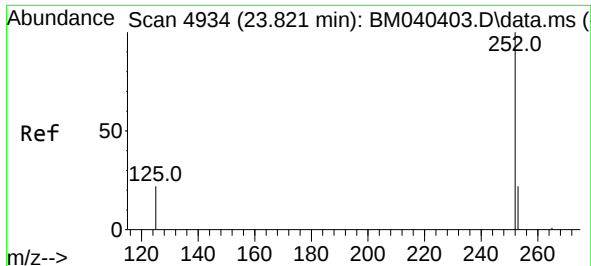
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

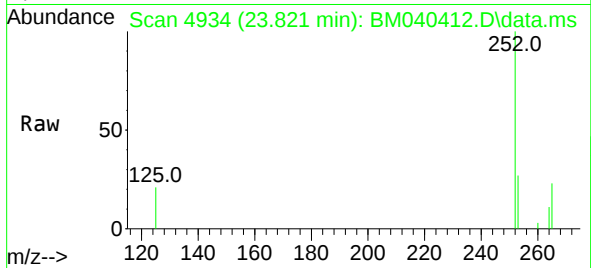
Tgt Ion:252 Resp: 21172
Ion Ratio Lower Upper
252 100
253 29.4 21.2 31.8
125 23.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.788 ng/u1
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

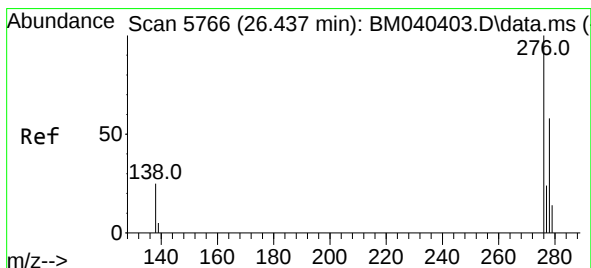
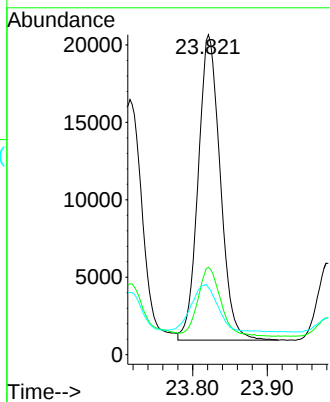
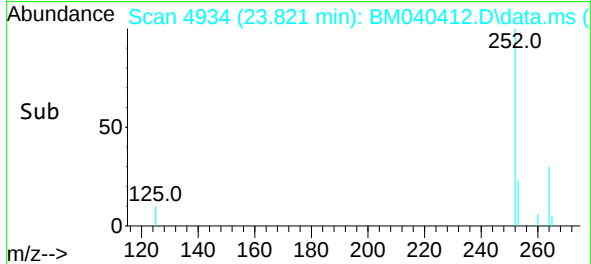
Instrument :
BNA_M
ClientSampleId :
DCFM8DL



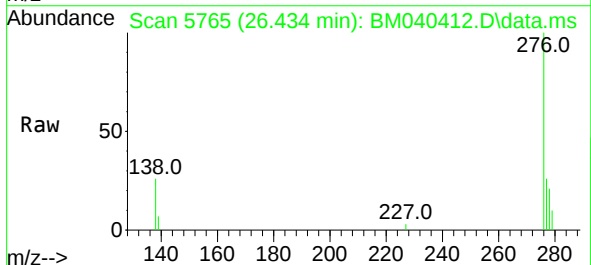
Tgt Ion:252 Resp: 40518
Ion Ratio Lower Upper
252 100
253 27.3 22.9 34.3
125 20.9 21.0 31.4

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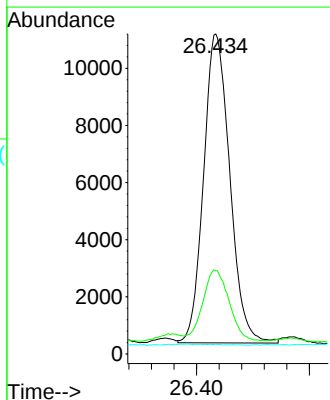
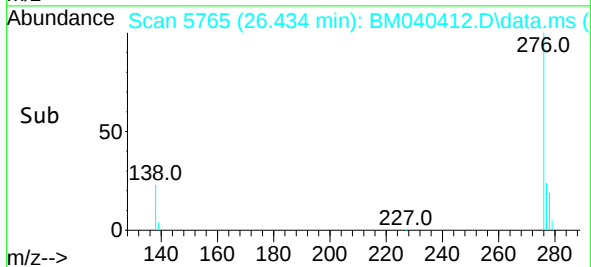
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

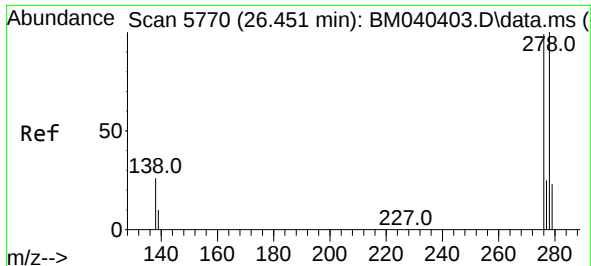


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng/u1
RT: 26.434 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



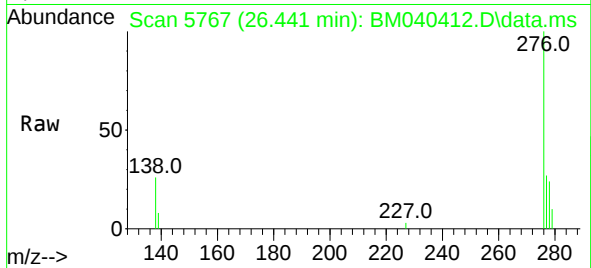
Tgt Ion:276 Resp: 34927
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

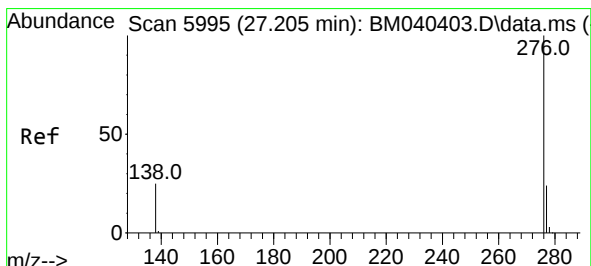
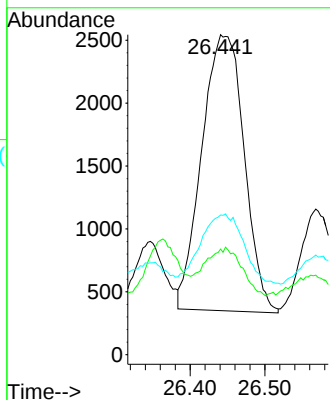
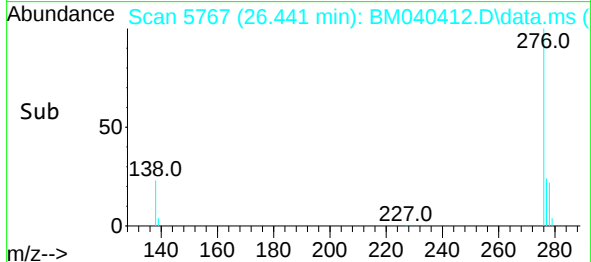
Instrument :
BNA_M
ClientSampleId :
DCFM8DL



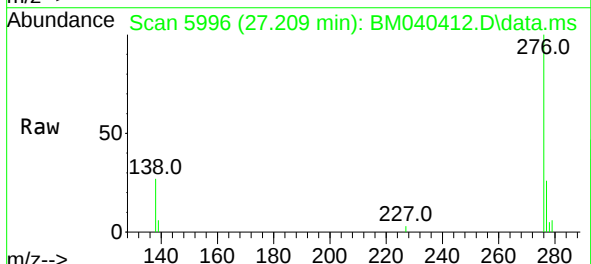
Tgt Ion:278 Resp: 864
Ion Ratio Lower Upper
278 100
139 33.0 17.9 26.9
279 43.7 22.0 33.0

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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: 0.517 ng/ul
RT: 27.209 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39



Tgt Ion:276 Resp: 32443
Ion Ratio Lower Upper
276 100
138 27.3 23.0 34.6
277 26.4 20.3 30.5

