

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040325.D
 Acq On : 19 Jun 2023 22:20
 Operator : MA/JU
 Sample : 03080-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:52:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	6362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	25111	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	14592	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	28955	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	23267	0.400	ng/ul	0.00
23) Perylene-d12	23.947	264	25223	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	46920	5.972	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	13353	0.419	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	27195	0.469	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	10706	0.180	ng/ul	96
7) 2-Methylnaphthalene	12.433	142	3614	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	2201	0.057	ng/ul	95
10) Acenaphthylene	14.327	152	7400	0.145	ng/ul#	94
11) Acenaphthene	14.665	153	1338	0.031	ng/ul	94
12) Fluorene	15.650	166	1256	0.026	ng/ul#	85
15) Phenanthrene	17.387	178	29454	0.387	ng/ul	99
16) Anthracene	17.480	178	7101	0.110	ng/ul#	93
19) Fluoranthene	19.403	202	79288	1.000	ng/ul	99
20) Pyrene	19.765	202	69004m	0.838	ng/ul	
21) Benzo(a)anthracene	21.506	228	43843	0.638	ng/ul	95
22) Chrysene	21.558	228	61263	0.844	ng/ul	96
24) Benzo(b)fluoranthene	23.204	252	98090	1.055	ng/ul	95
25) Benzo(k)fluoranthene	23.251	252	30762m	0.351	ng/ul	
26) Benzo(a)pyrene	23.838	252	50958	0.668	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.460	276	45179	0.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.467	278	11678	0.151	ng/ul#	60
29) Benzo(g,h,i)perylene	27.239	276	44052	0.546	ng/ul	95

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

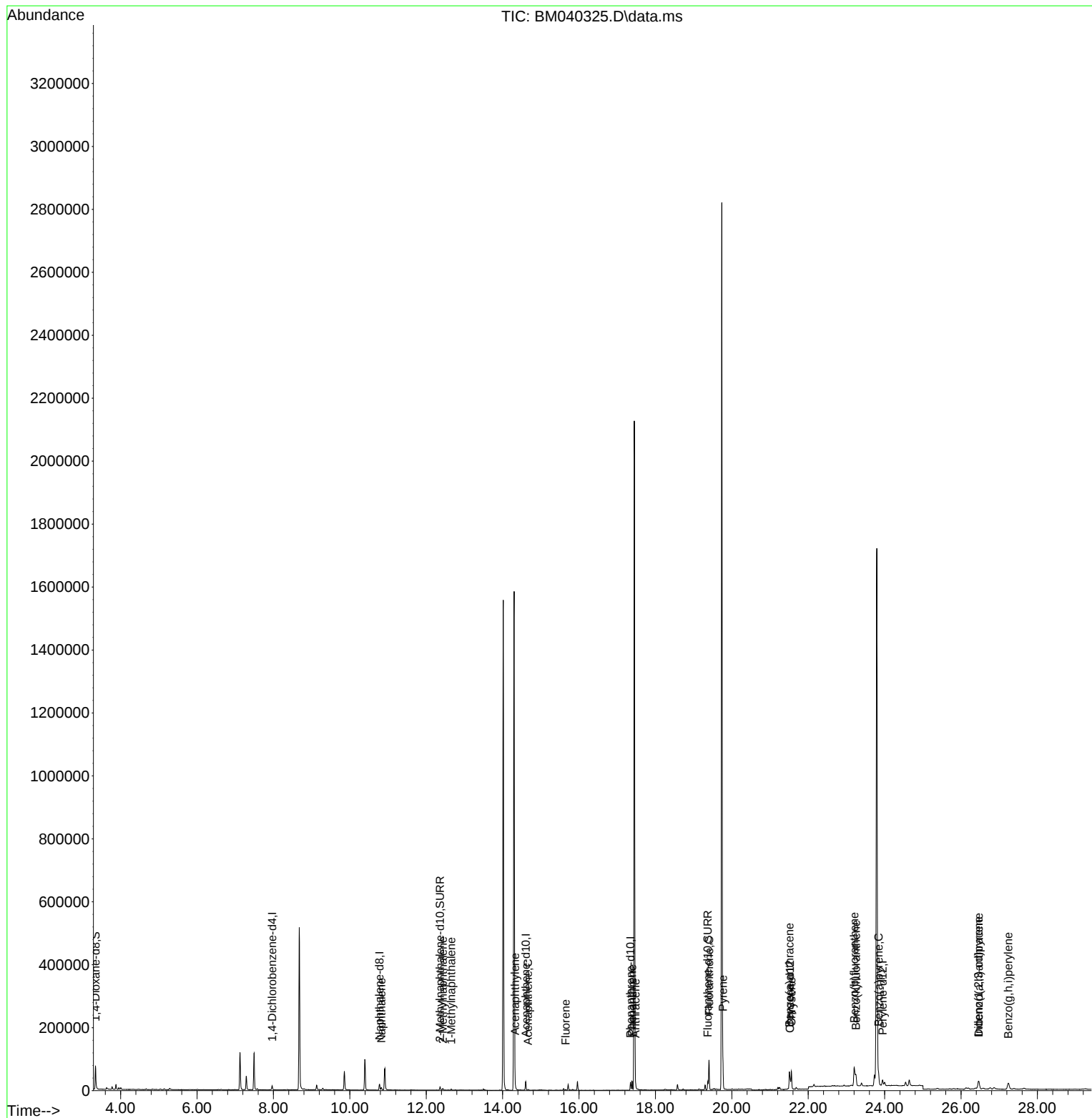
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040325.D
Acq On : 19 Jun 2023 22:20
Operator : MA/JU
Sample : 03080-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

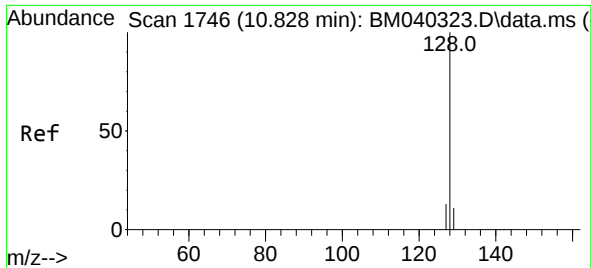
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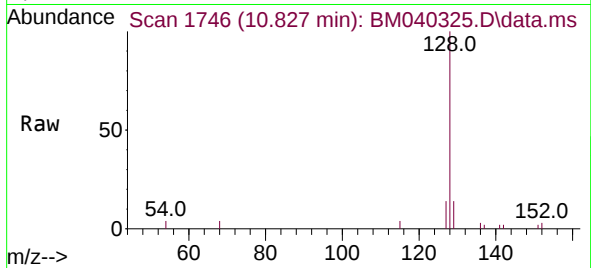
Quant Time: Jun 20 00:52:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.180 ng/ul
RT: 10.827 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

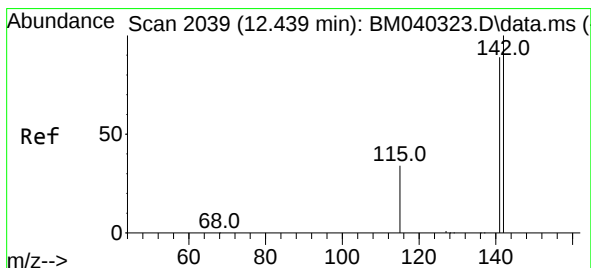
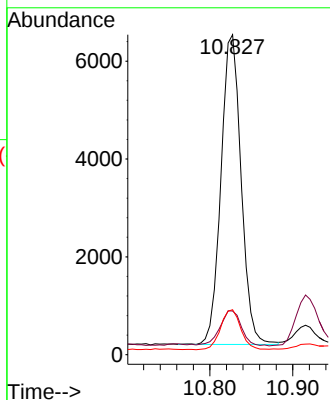
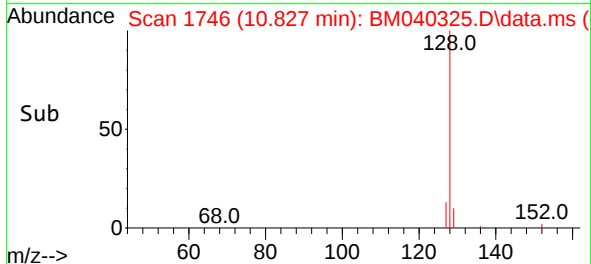
Instrument :
BNA_M
ClientSampleId :
DCFQ5



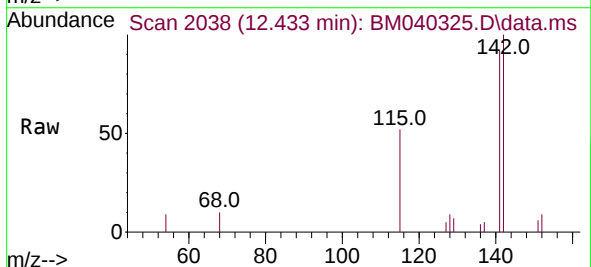
Tgt Ion:128 Resp: 10700
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7
127 14.0 10.4 15.6

Manual Integrations
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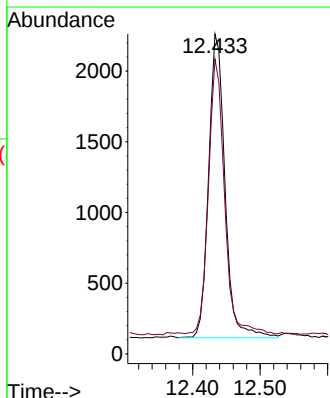
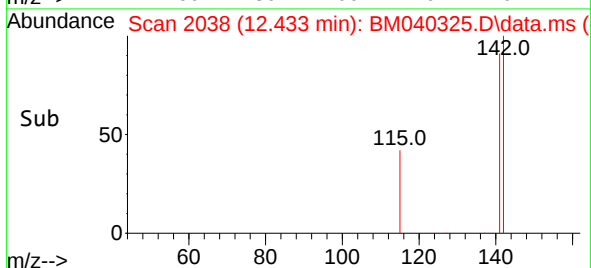
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

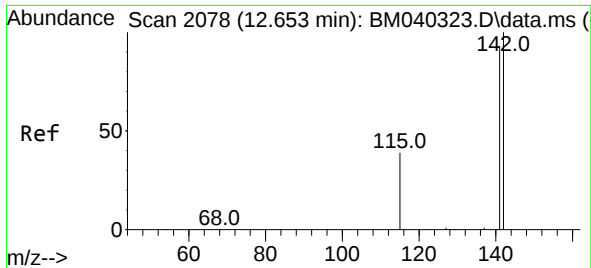


#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20



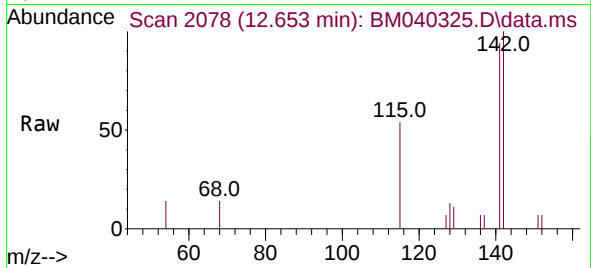
Tgt Ion:142 Resp: 3614
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

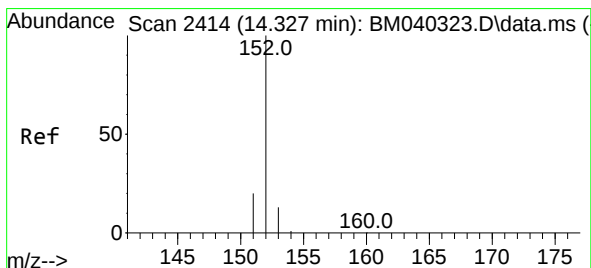
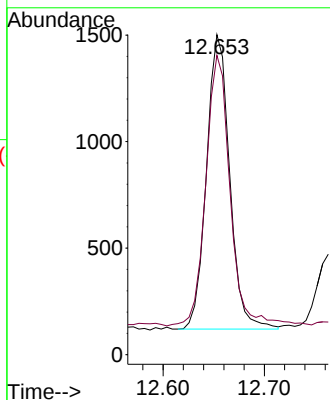
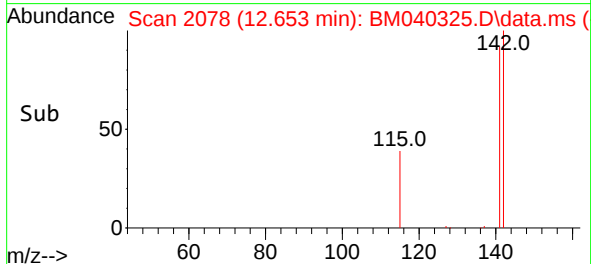
Instrument :
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Tgt Ion:142 Resp: 2200
Ion Ratio Lower Upper
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141 95.8 73.0 109.4

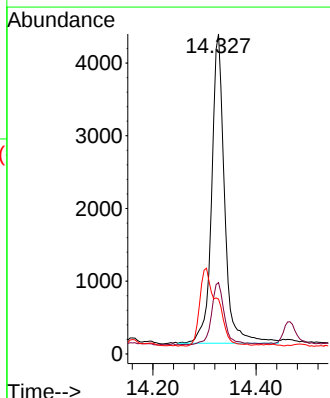
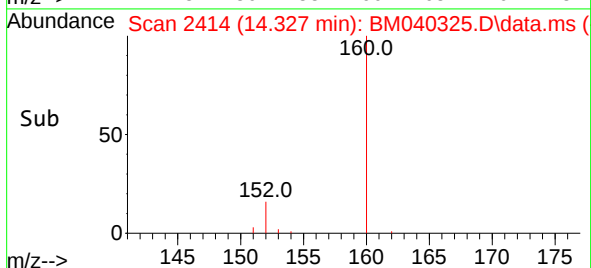
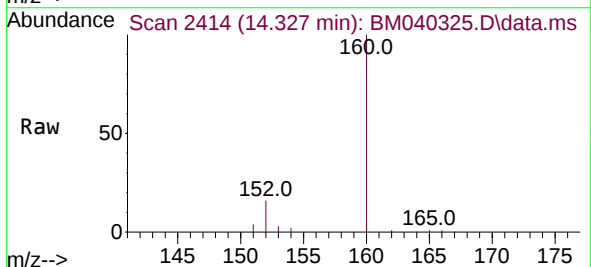
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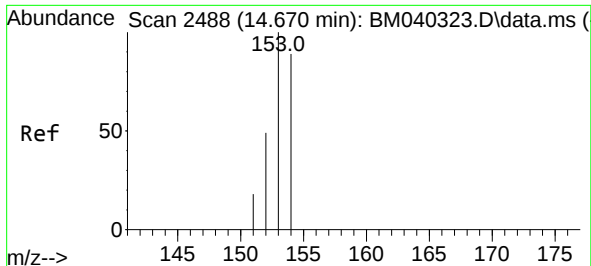
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

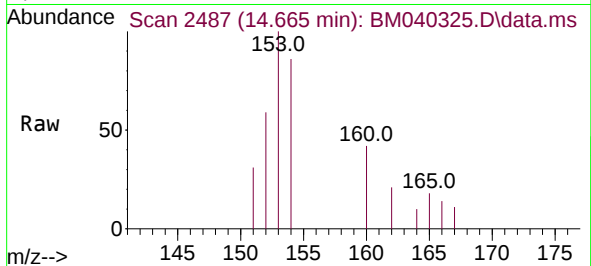
Tgt Ion:152 Resp: 7400
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 17.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.665 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

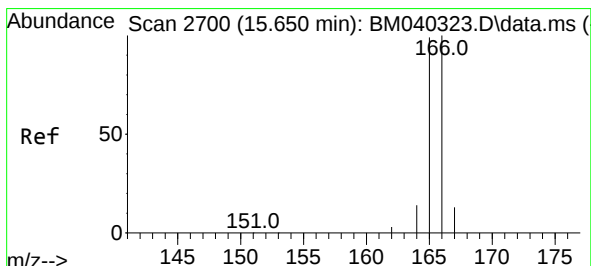
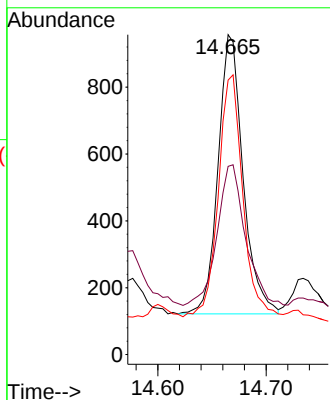
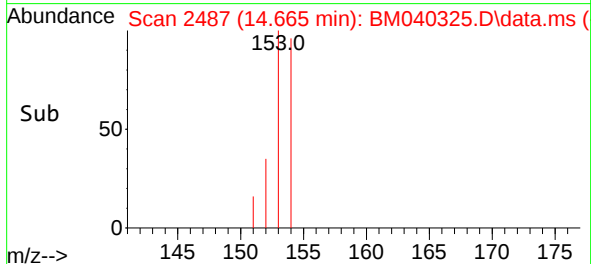
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 1338
Ion Ratio Lower Upper
153 100
152 58.8 40.3 60.5
154 85.8 70.5 105.7

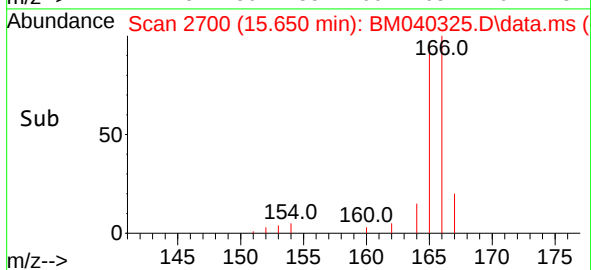
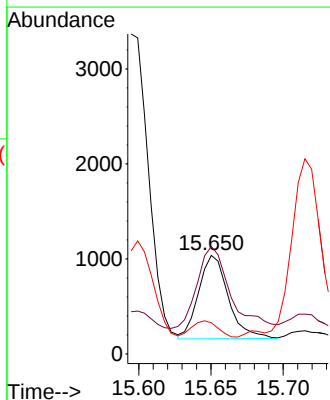
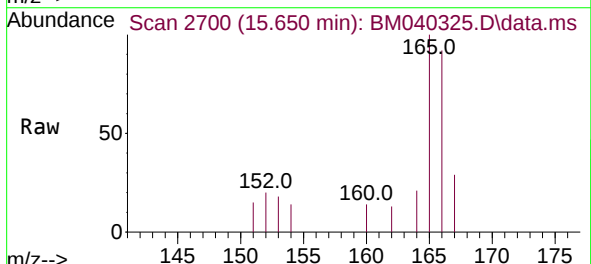
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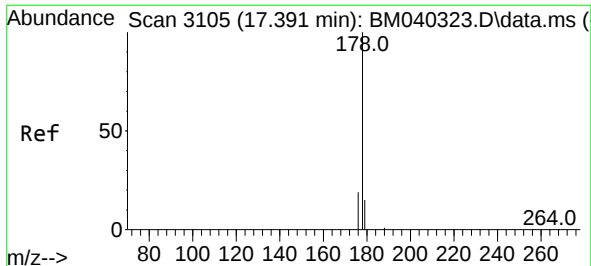
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

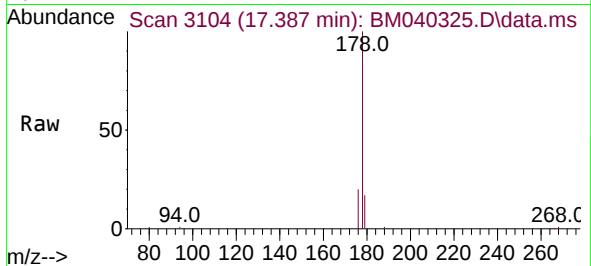
Tgt Ion:166 Resp: 1256
Ion Ratio Lower Upper
166 100
165 109.0 78.2 117.4
167 31.7 11.0 16.4#





#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.387 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

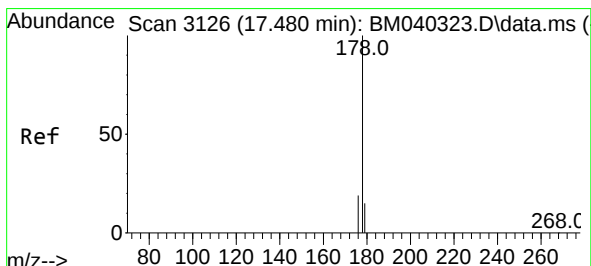
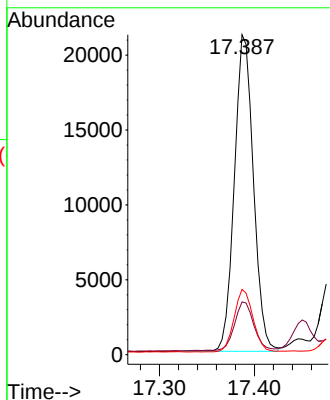
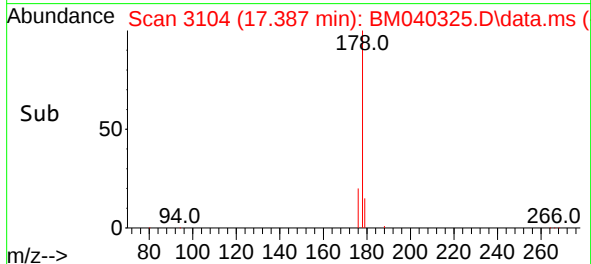
Instrument :
BNA_M
ClientSampleId :
DCFQ5



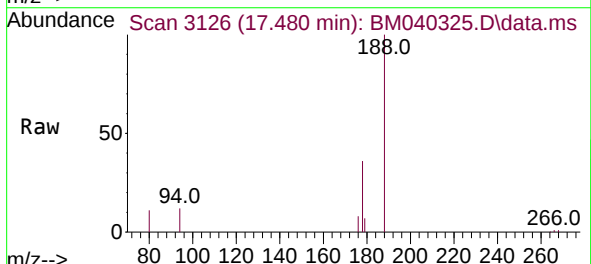
Tgt Ion:178 Resp: 29454
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.4 16.1 24.1

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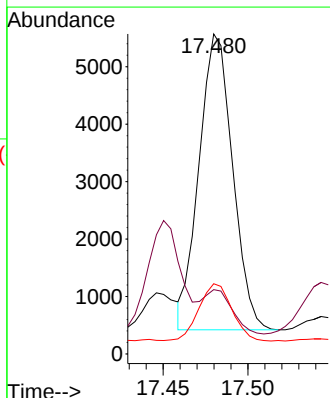
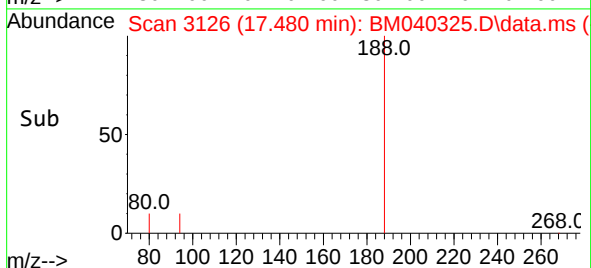
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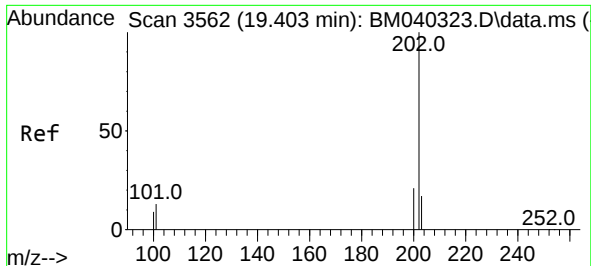


#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20



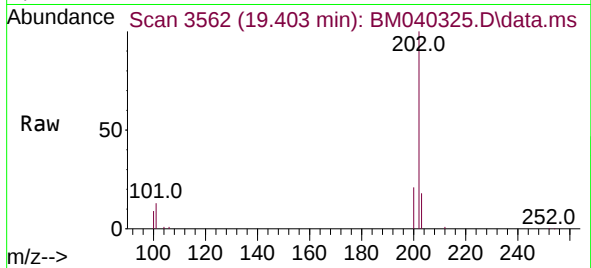
Tgt Ion:178 Resp: 7101
Ion Ratio Lower Upper
178 100
179 20.1 13.0 19.4#
176 22.0 15.5 23.3





#19
Fluoranthene
Concen: 1.000 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

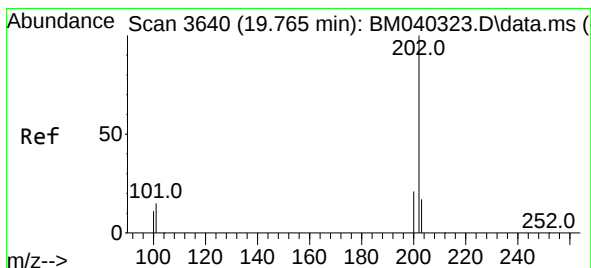
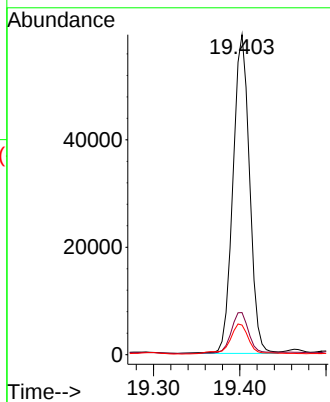
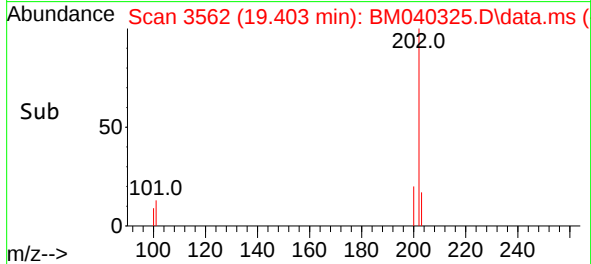
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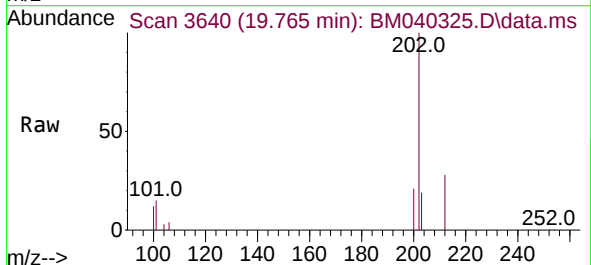
Tgt Ion:202 Resp: 7928
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.4
100 9.2 7.6 11.4

Manual Integrations
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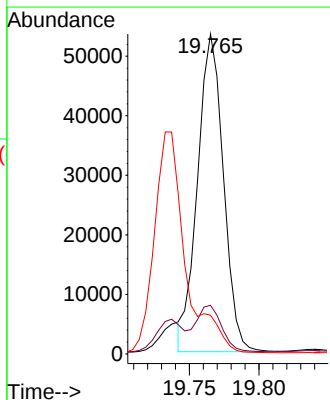
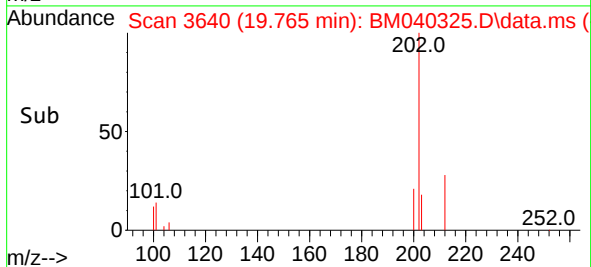
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

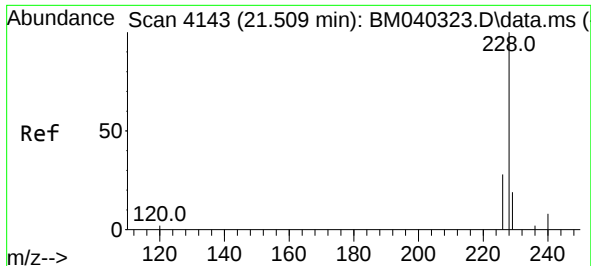


#20
Pyrene
Concen: 0.838 ng/ul m
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20



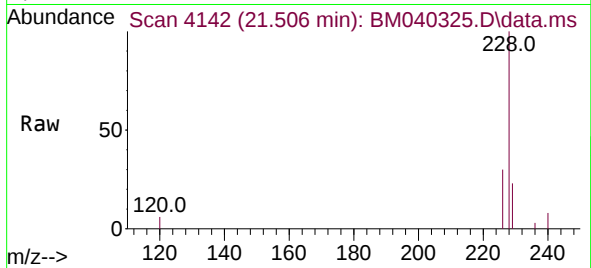
Tgt Ion:202 Resp: 69004
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 12.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.638 ng/u1
RT: 21.506 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

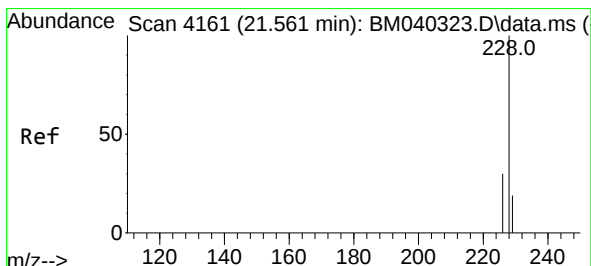
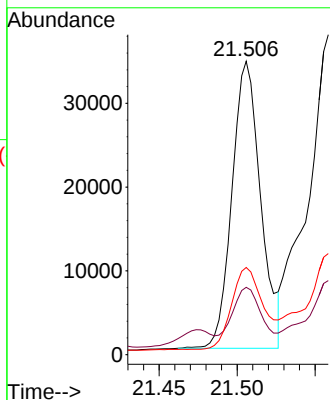
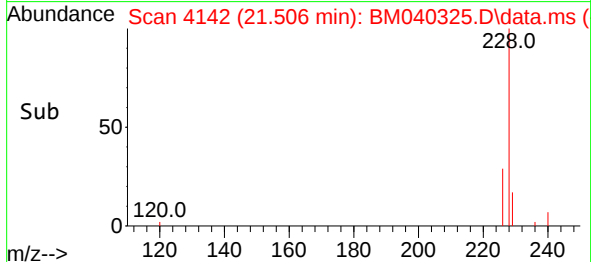
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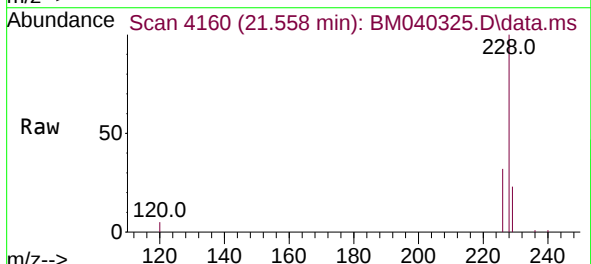
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Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.8
226 29.7 22.0 33.0

Manual Integrations
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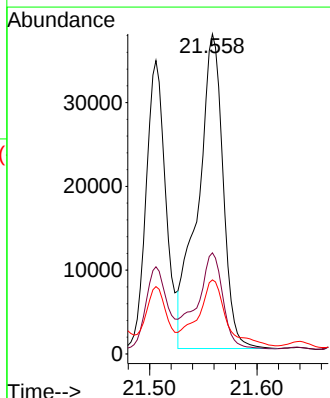
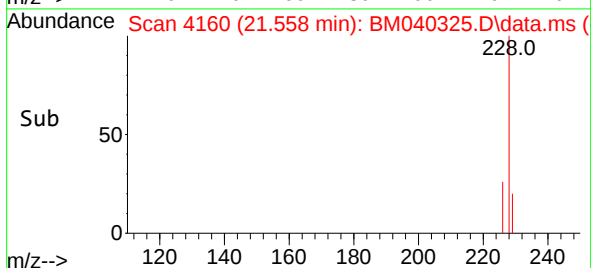
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

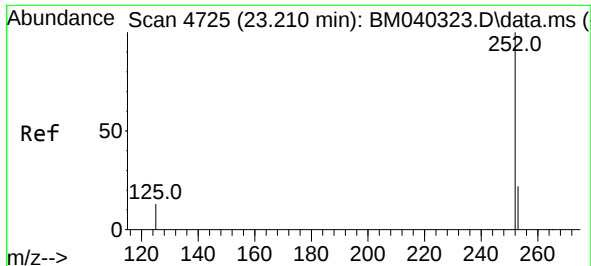


#22
Chrysene
Concen: 0.844 ng/u1
RT: 21.558 min Scan# 4160
Delta R.T. -0.012 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20



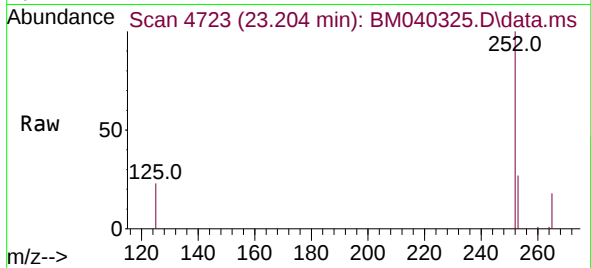
Tgt Ion:228 Resp: 61263
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 23.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.055 ng/ul
RT: 23.204 min Scan# 4723
Delta R.T. -0.012 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

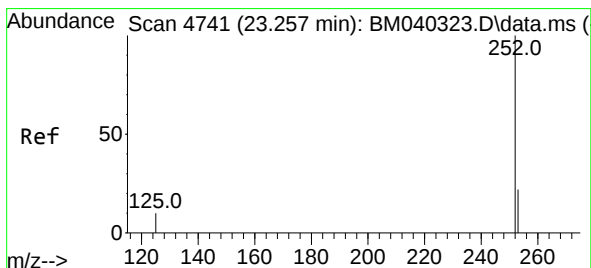
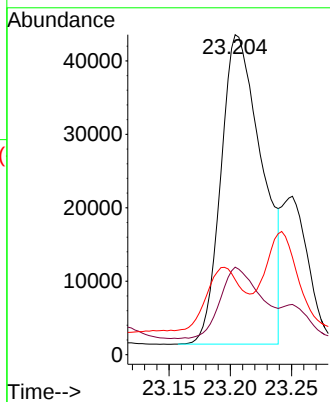
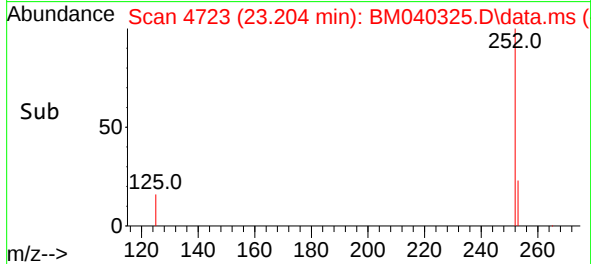
Instrument :
BNA_M
ClientSampleId :
DCFQ5



Tgt Ion:252 Resp: 98090
Ion Ratio Lower Upper
252 100
253 27.4 0.0 52.4
125 23.5 0.0 38.4

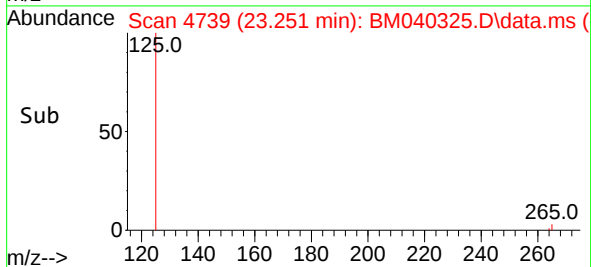
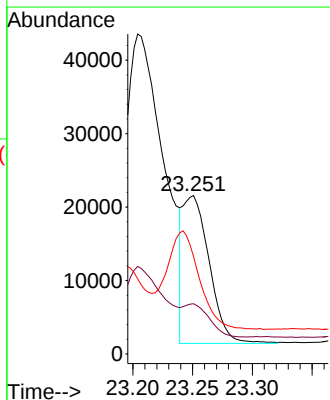
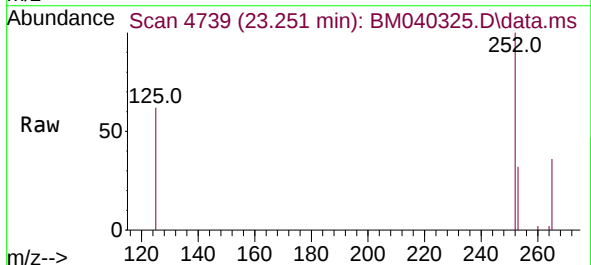
Manual Integrations
APPROVED

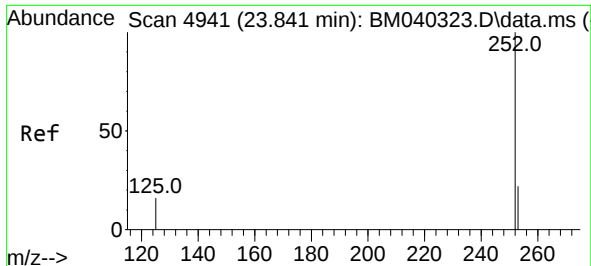
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul m
RT: 23.251 min Scan# 4739
Delta R.T. -0.015 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

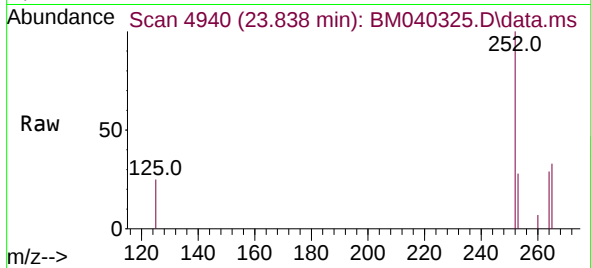
Tgt Ion:252 Resp: 30762
Ion Ratio Lower Upper
252 100
253 31.7 21.5 32.3
125 61.6 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.668 ng/ul
RT: 23.838 min Scan# 4941
Delta R.T. -0.012 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

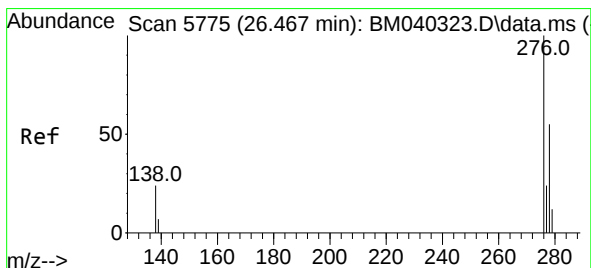
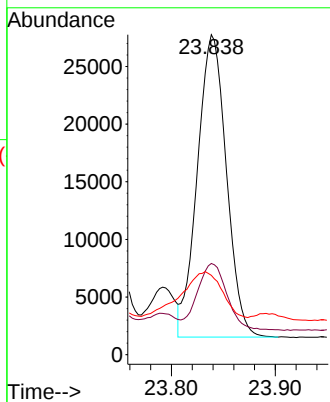
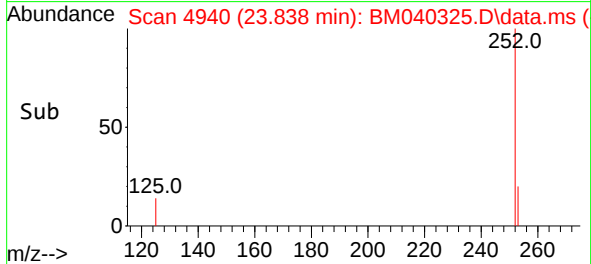
Instrument :
BNA_M
ClientSampleId :
DCFQ5



Tgt Ion:252 Resp: 50958
Ion Ratio Lower Upper
252 100
253 28.5 23.4 35.0
125 24.8 19.7 29.5

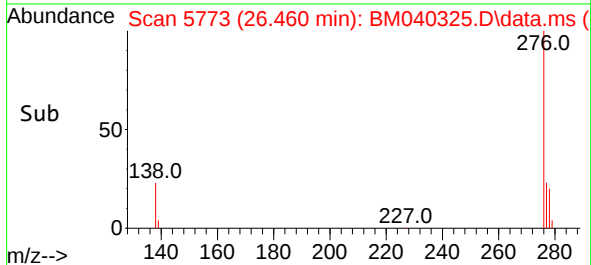
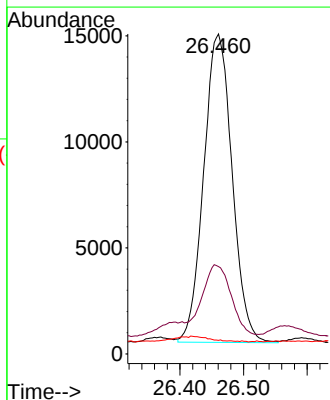
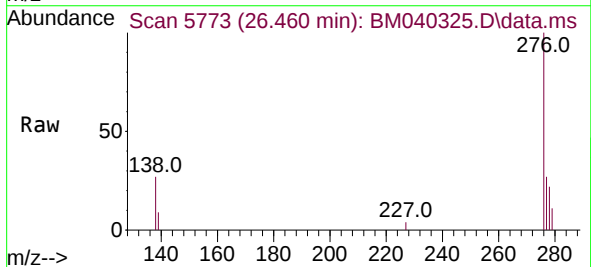
Manual Integrations
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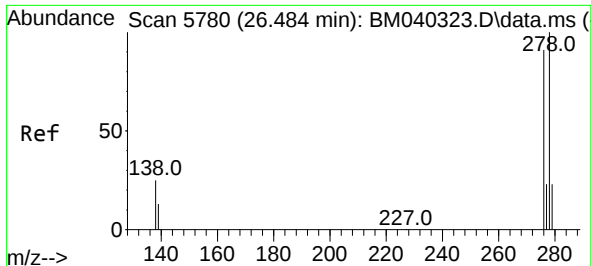
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng/ul
RT: 26.460 min Scan# 5773
Delta R.T. -0.017 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

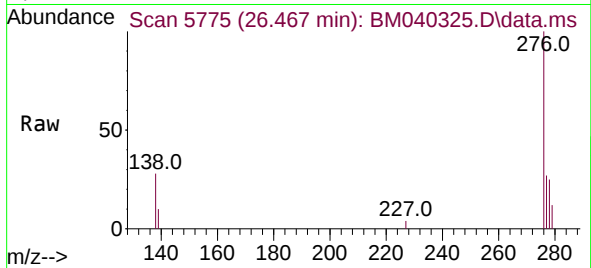
Tgt Ion:276 Resp: 45179
Ion Ratio Lower Upper
276 100
138 23.7 23.3 34.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.467 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20

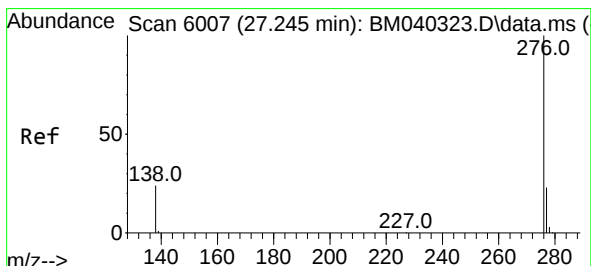
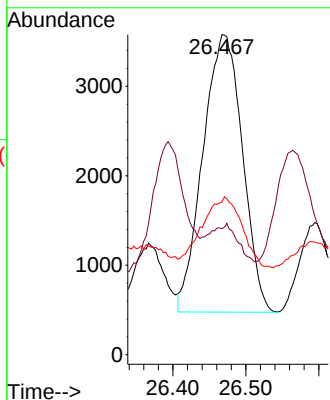
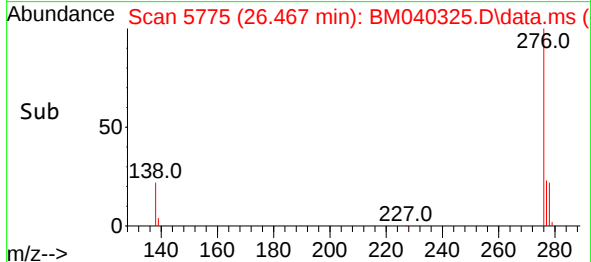
Instrument :
BNA_M
ClientSampleId :
DCFQ5



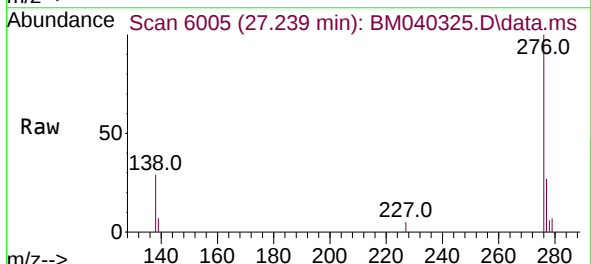
Tgt Ion:278 Resp: 11678
Ion Ratio Lower Upper
278 100
139 39.4 16.4 24.6
279 47.7 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.546 ng/ul
RT: 27.239 min Scan# 6005
Delta R.T. -0.017 min
Lab File: BM040325.D
Acq: 19 Jun 2023 22:20



Tgt Ion:276 Resp: 44052
Ion Ratio Lower Upper
276 100
138 28.5 21.0 31.4
277 27.0 19.6 29.4

