

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040326.D
 Acq On : 19 Jun 2023 22:57
 Operator : MA/JU
 Sample : 03080-17DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ6DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 00:52:52 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	7802	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	30619	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.605	164	16905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	34276	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	28051	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	28201	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	6907	0.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	2237	0.058	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	4436	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	12423	0.171	ng/ul	96
7) 2-Methylnaphthalene	12.433	142	5849	0.130	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	4502	0.095	ng/ul	99
10) Acenaphthylene	14.323	152	20132	0.340	ng/ul	98
11) Acenaphthene	14.665	153	7601	0.150	ng/ul	98
12) Fluorene	15.650	166	5634	0.100	ng/ul#	97
15) Phenanthrene	17.387	178	170210	1.889	ng/ul	99
16) Anthracene	17.480	178	35798	0.469	ng/ul	100
19) Fluoranthene	19.403	202	543274	5.686	ng/ul	98
20) Pyrene	19.765	202	515913	5.197	ng/ul	98
21) Benzo(a)anthracene	21.509	228	352015	4.252	ng/ul	98
22) Chrysene	21.561	228	379302	4.337	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	724390	6.968	ng/ul	92
25) Benzo(k)fluoranthene	23.254	252	248486m	2.538	ng/ul	
26) Benzo(a)pyrene	23.841	252	504093	5.909	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.464	276	452356	4.189	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.474	278	113737	1.312	ng/ul	97
29) Benzo(g,h,i)perylene	27.245	276	447291	4.959	ng/ul	98

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

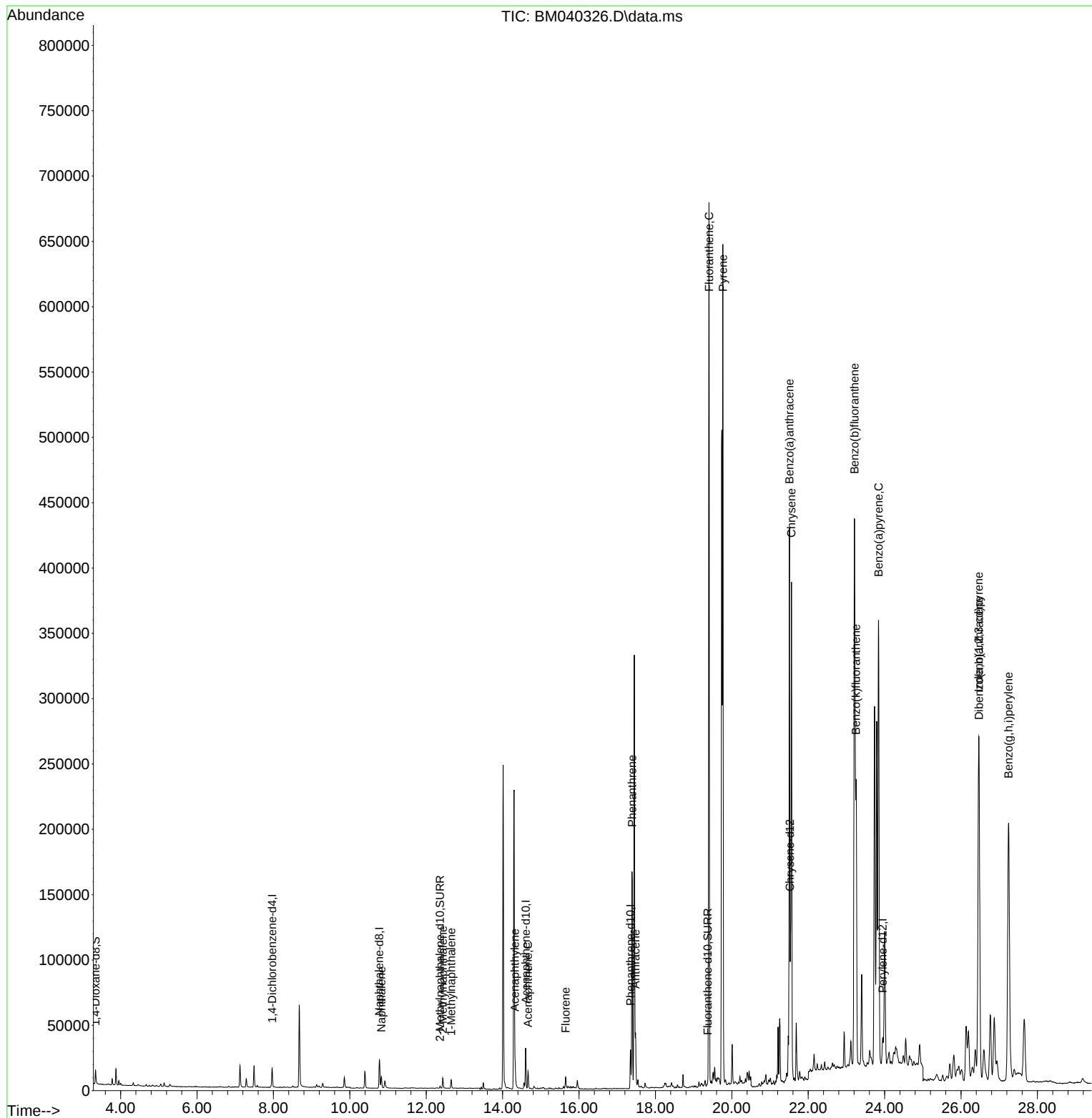
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
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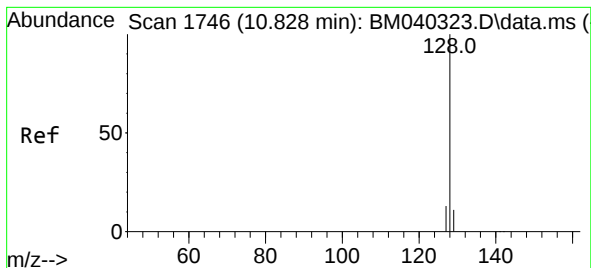
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#5

Naphthalene

Concen: 0.171 ng/ul

RT: 10.827 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BM040326.D

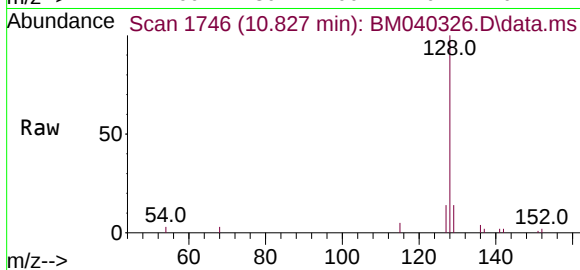
Acq: 19 Jun 2023 22:57

Instrument :

BNA_M

ClientSampleId :

DCFJ6DL



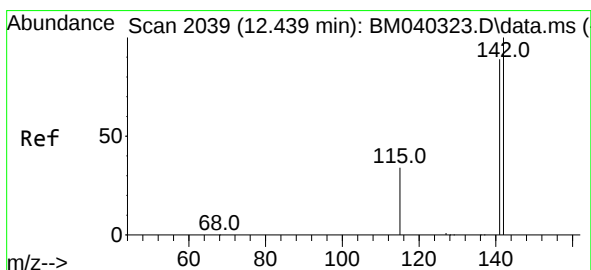
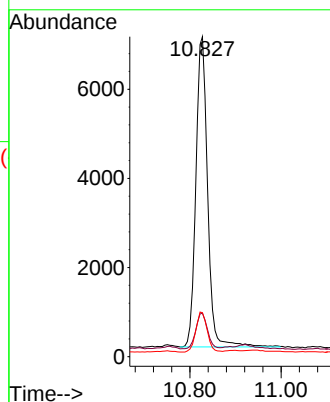
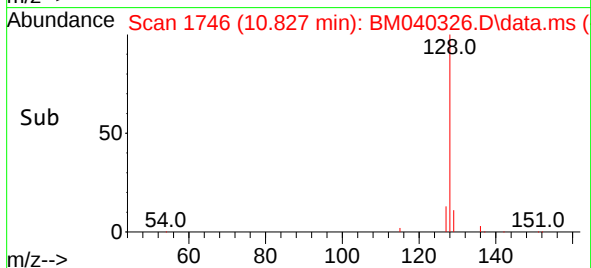
Tgt Ion:	128	Resp:	1242
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.1	13.7
127	13.8	10.4	15.6

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.130 ng/ul

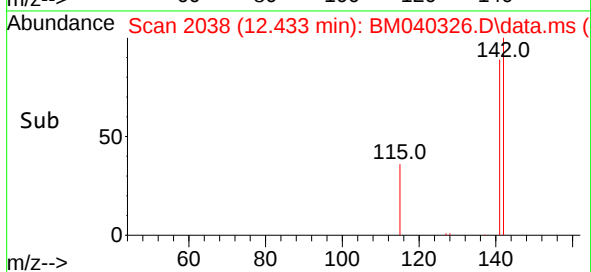
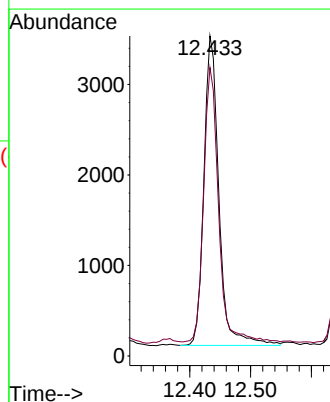
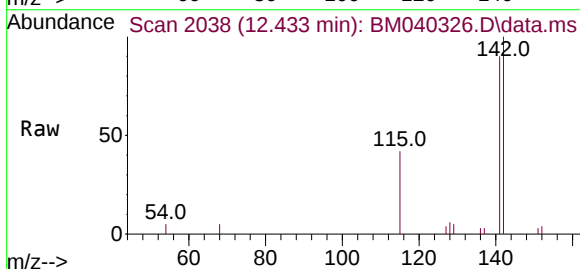
RT: 12.433 min Scan# 2038

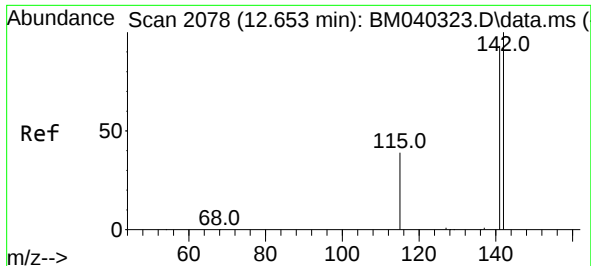
Delta R.T. -0.011 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

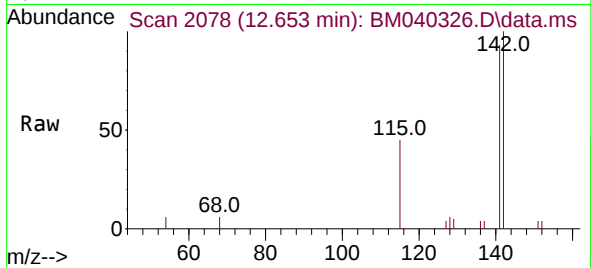
Tgt Ion:	142	Resp:	5849
Ion Ratio	Lower	Upper	
142	100		
141	87.3	70.6	106.0





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

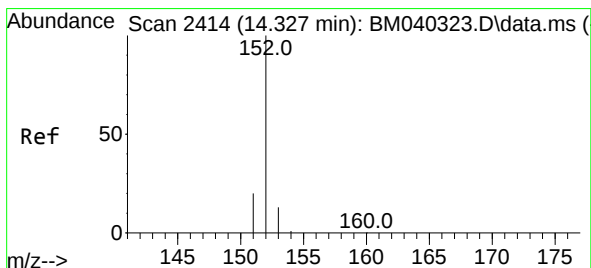
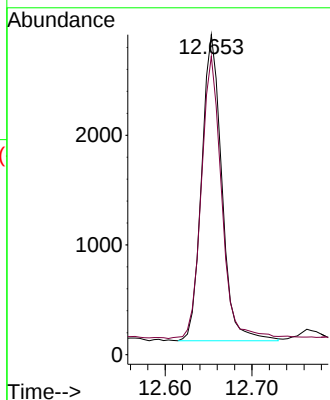
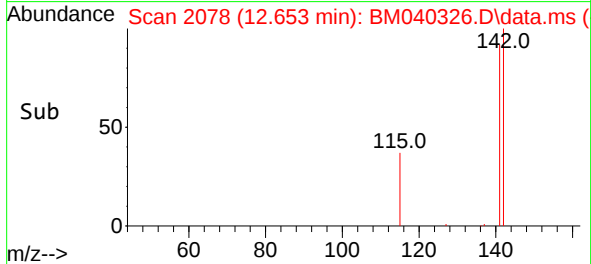
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL



Tgt Ion:142 Resp: 450
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4

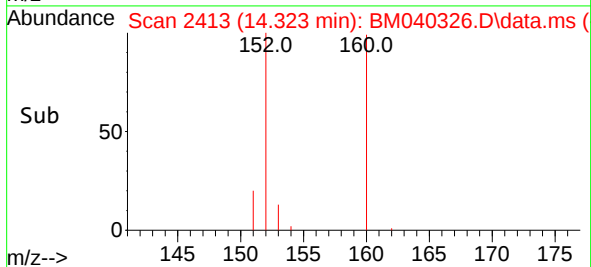
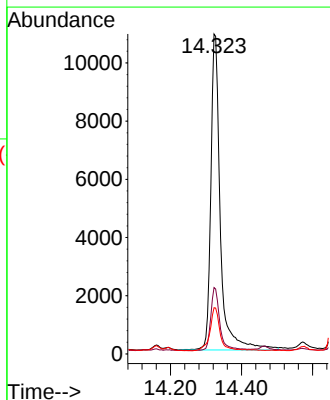
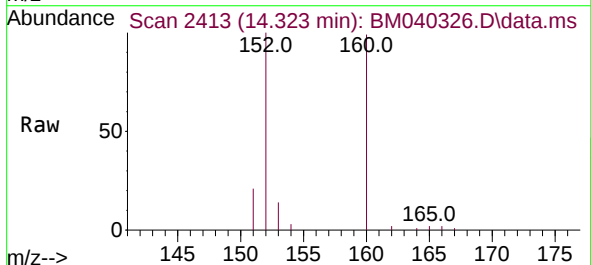
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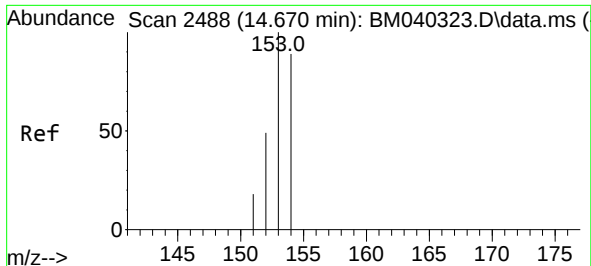
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.323 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

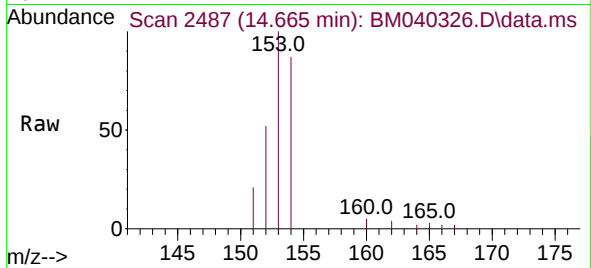
Tgt Ion:152 Resp: 20132
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.5 10.7 16.1





#11
Acenaphthene
Concen: 0.150 ng/ul
RT: 14.665 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

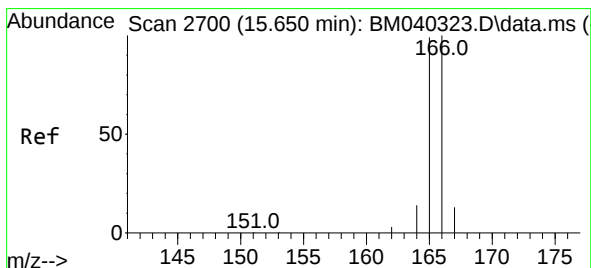
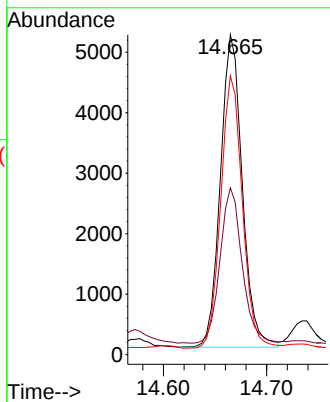
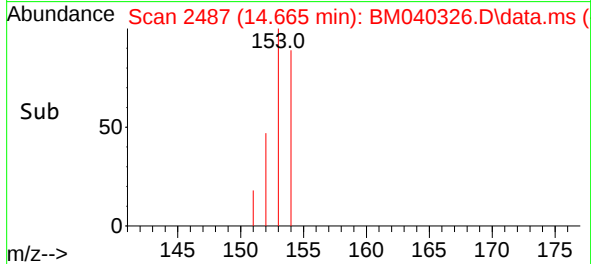
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL



Tgt Ion:153 Resp: 760
Ion Ratio Lower Upper
153 100
152 52.2 40.3 60.5
154 87.1 70.5 105.7

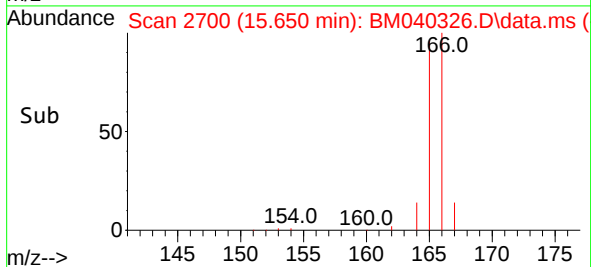
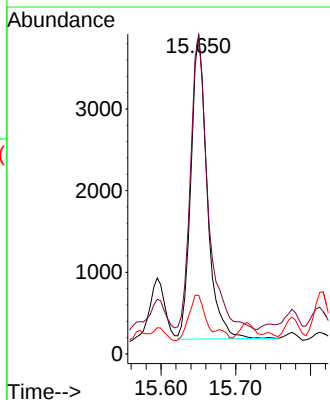
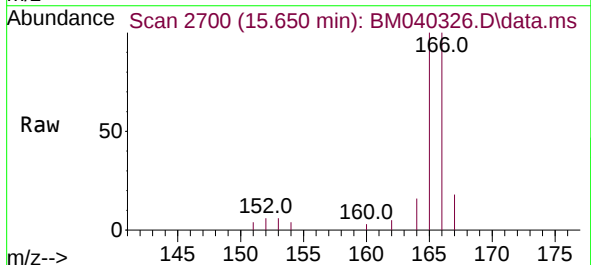
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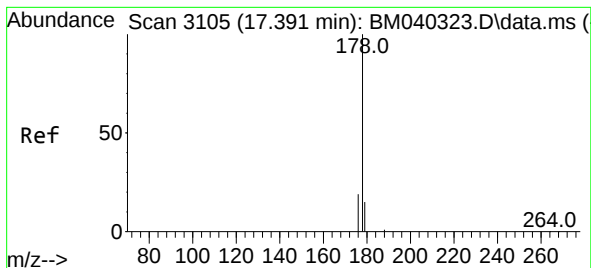
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

Tgt Ion:166 Resp: 5634
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.4
167 18.3 11.0 16.4#





#15

Phenanthrene

Concen: 1.889 ng/u1

RT: 17.387 min Scan# 3104

Delta R.T. -0.009 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

Instrument :

BNA_M

ClientSampleId :

DCFJ6DL

Tgt Ion:178 Resp: 170210

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

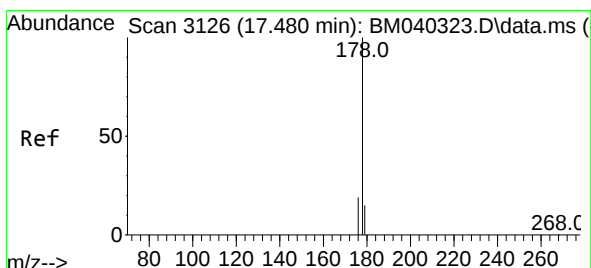
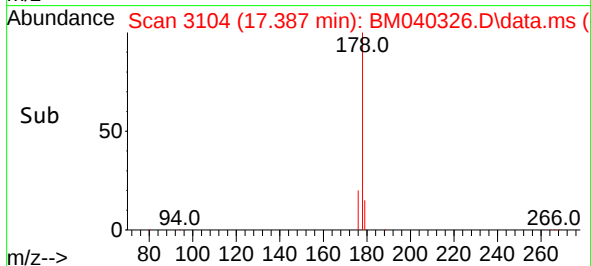
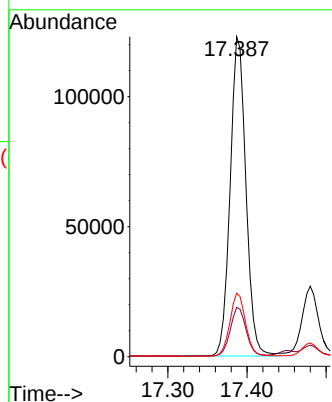
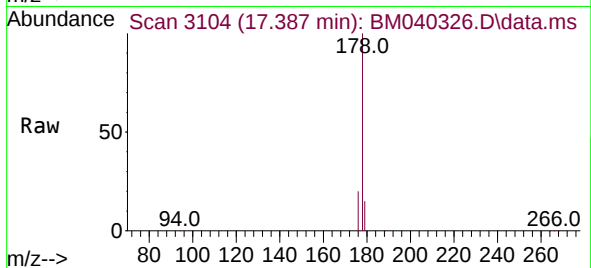
176 19.8 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#16

Anthracene

Concen: 0.469 ng/u1

RT: 17.480 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

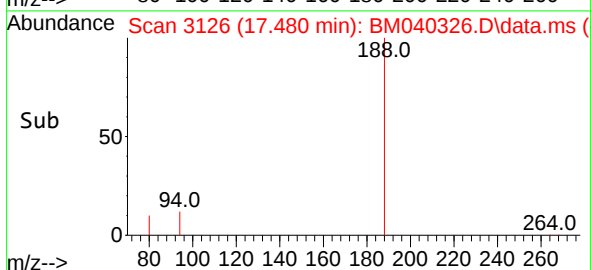
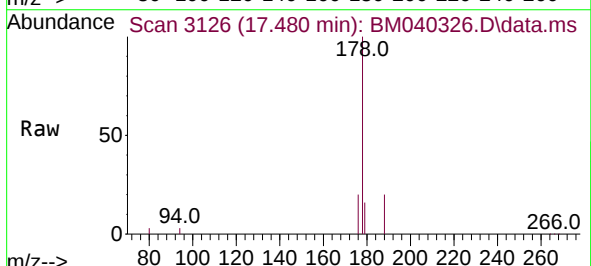
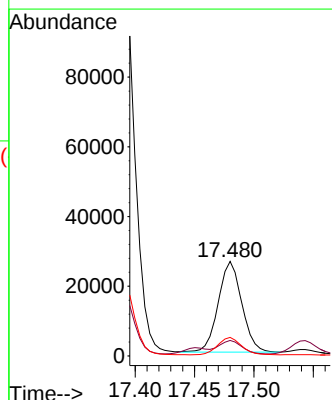
Tgt Ion:178 Resp: 35798

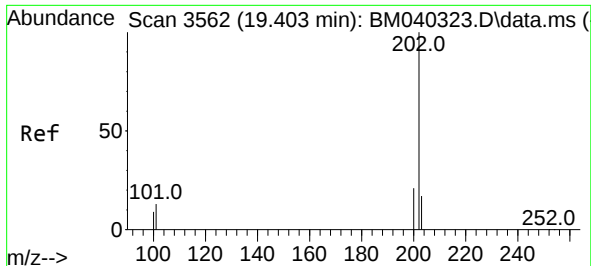
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

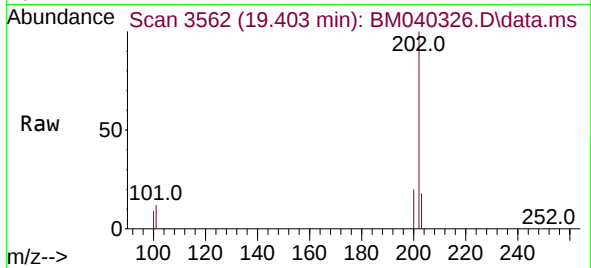
176 19.6 15.5 23.3





#19
Fluoranthene
Concen: 5.686 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

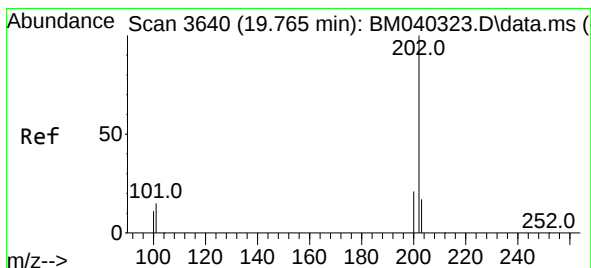
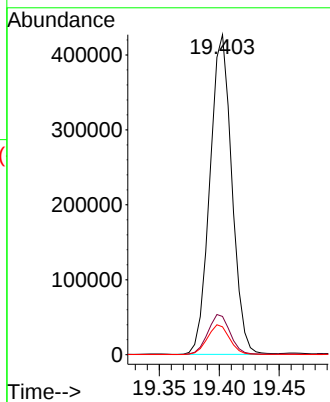
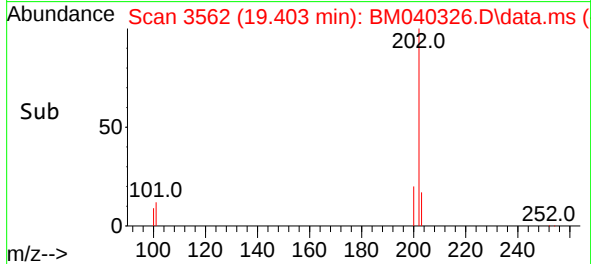
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL



Tgt Ion:202 Resp: 543274
Ion Ratio Lower Upper
202 100
101 12.0 10.2 15.4
100 8.7 7.6 11.4

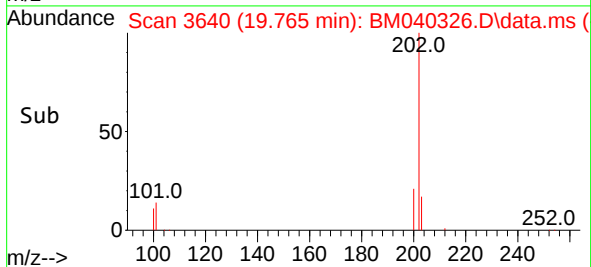
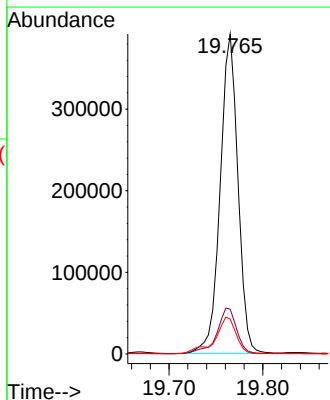
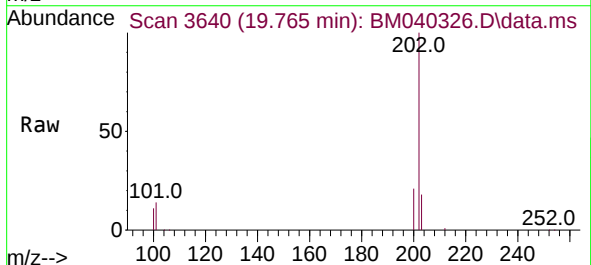
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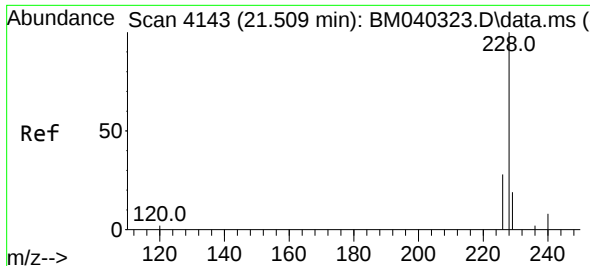
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#20
Pyrene
Concen: 5.197 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

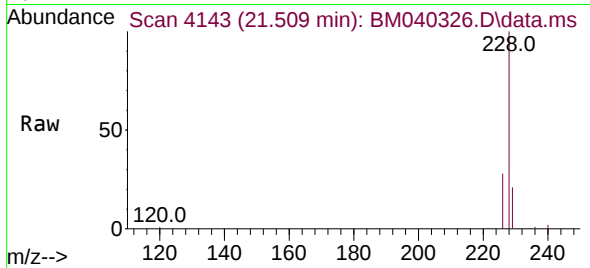
Tgt Ion:202 Resp: 515913
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.8
100 10.9 9.3 13.9





#21
Benzo(a)anthracene
Concen: 4.252 ng/u1
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

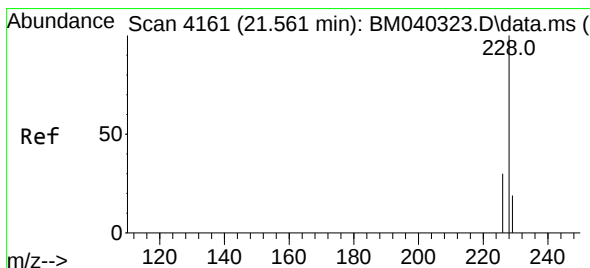
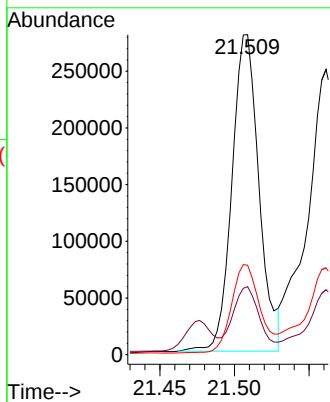
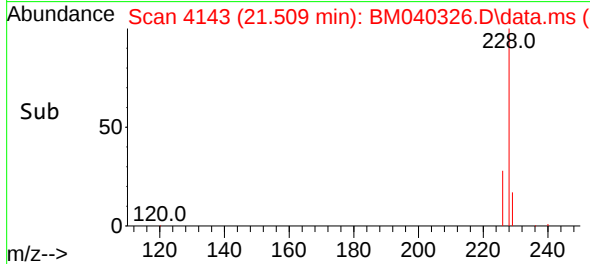
Instrument :
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DCFJ6DL



Tgt Ion:228 Resp: 352015
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 27.9 22.0 33.0

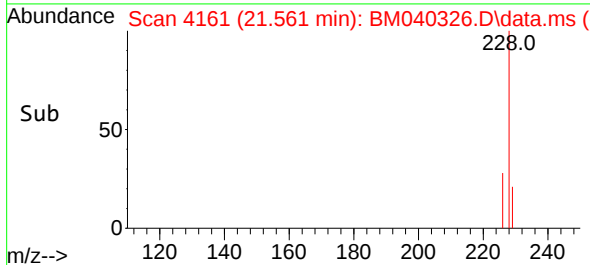
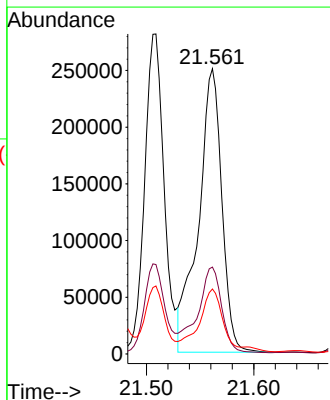
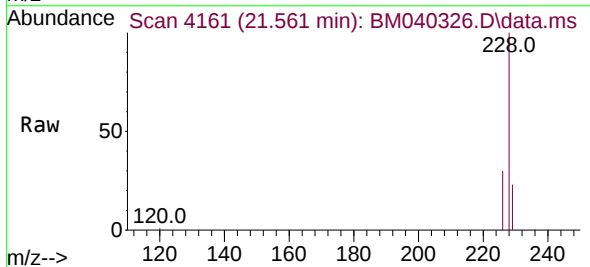
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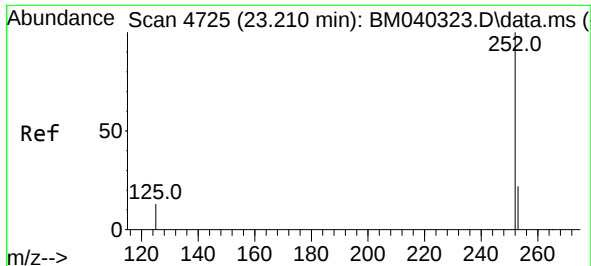
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#22
Chrysene
Concen: 4.337 ng/u1
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

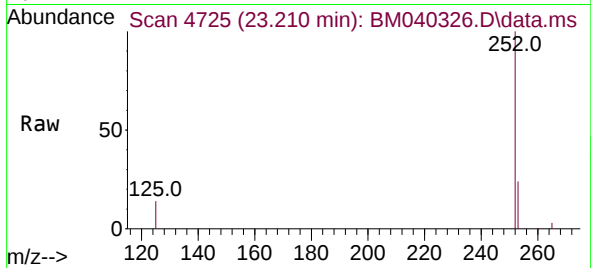
Tgt Ion:228 Resp: 379302
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.968 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

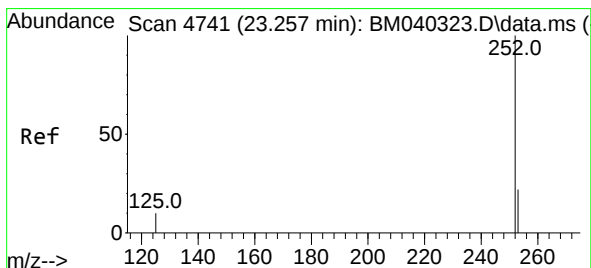
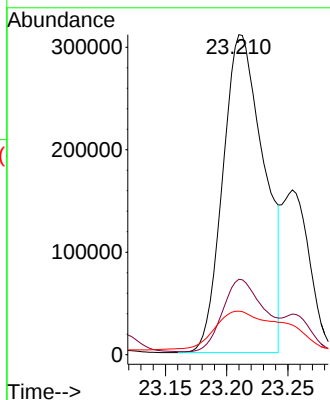
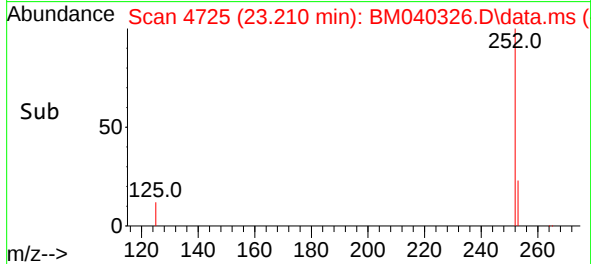
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL



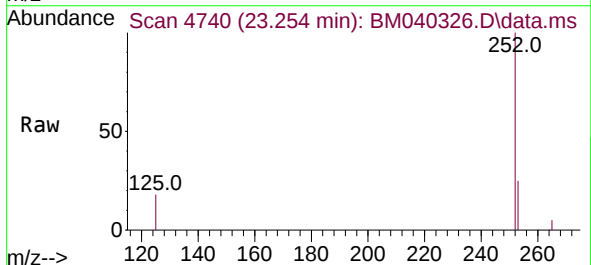
Tgt Ion:252 Resp: 724390
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 13.6 0.0 38.4

Manual Integrations
APPROVED

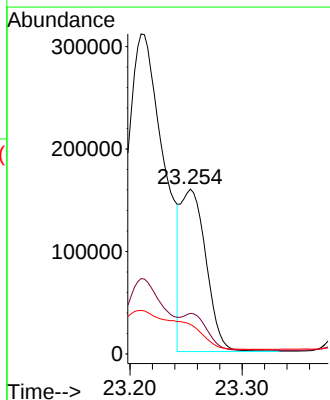
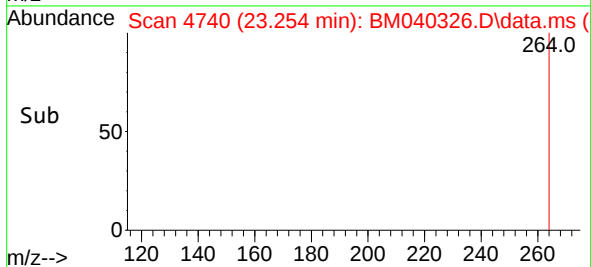
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

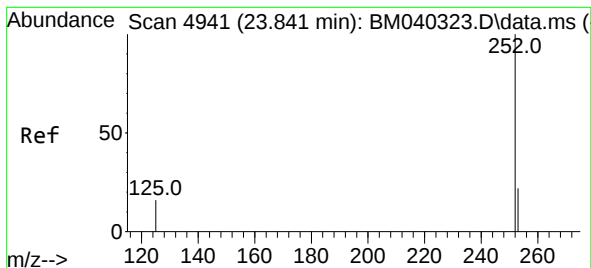


#25
Benzo(k)fluoranthene
Concen: 2.538 ng/ul m
RT: 23.254 min Scan# 4740
Delta R.T. -0.012 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57



Tgt Ion:252 Resp: 248486
Ion Ratio Lower Upper
252 100
253 24.7 21.5 32.3
125 17.9 14.7 22.1





#26

Benzo(a)pyrene

Concen: 5.909 ng/ul

RT: 23.841 min Scan# 4941

Delta R.T. -0.009 min

Lab File: BM040326.D

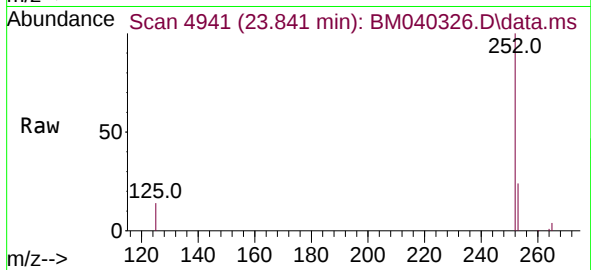
Acq: 19 Jun 2023 22:57

Instrument :

BNM_M

ClientSampleId :

DCFJ6DL



Tgt Ion:252 Resp: 504093

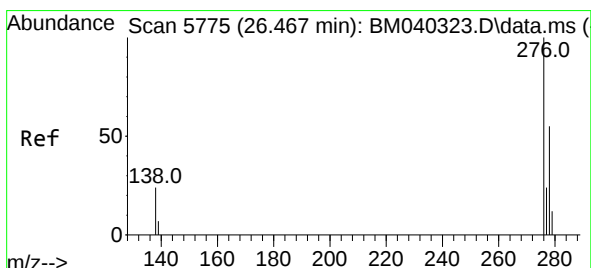
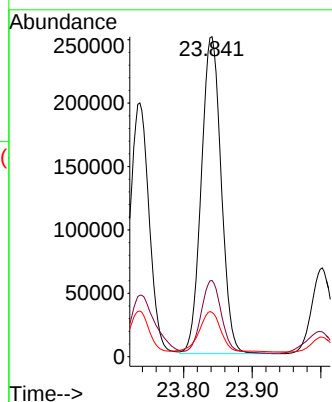
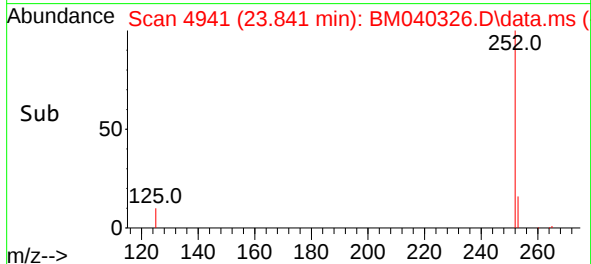
Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.4	35.0
125	13.9	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.189 ng/ul

RT: 26.464 min Scan# 5774

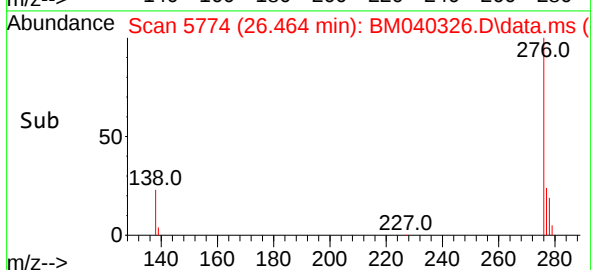
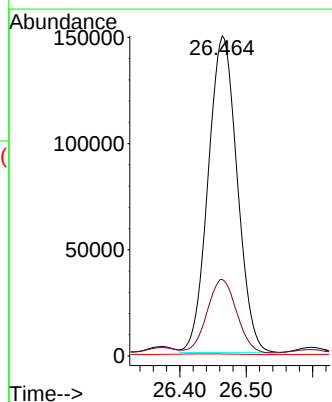
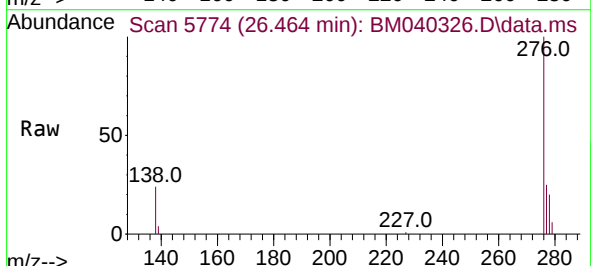
Delta R.T. -0.014 min

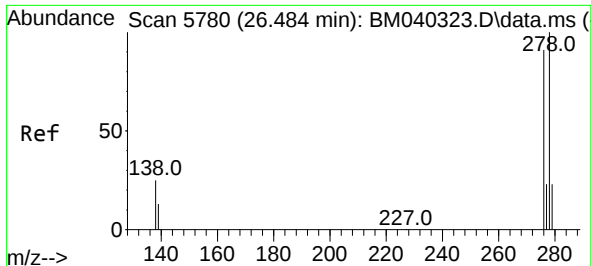
Lab File: BM040326.D

Acq: 19 Jun 2023 22:57

Tgt Ion:276 Resp: 452356

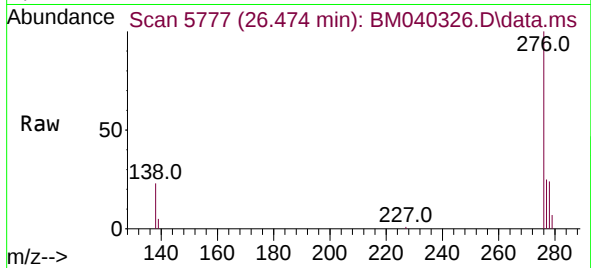
Ion	Ratio	Lower	Upper
276	100		
138	23.6	23.3	34.9
227	0.4	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.312 ng/ul
RT: 26.474 min Scan# 5777
Delta R.T. -0.024 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57

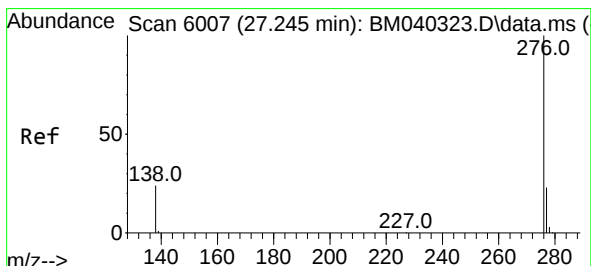
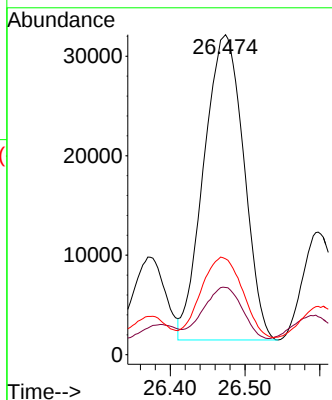
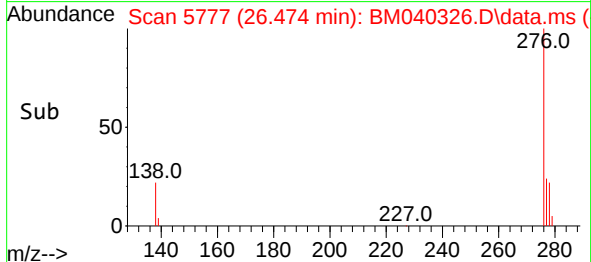
Instrument :
BNA_M
ClientSampleId :
DCFJ6DL



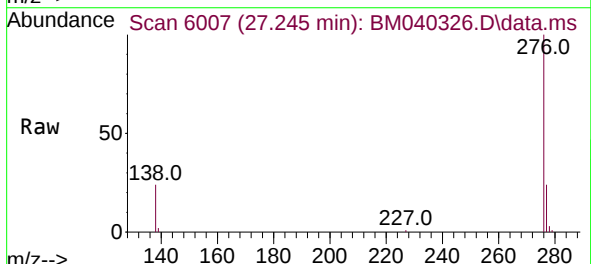
Tgt Ion:278 Resp: 11373
Ion Ratio Lower Upper
278 100
139 21.0 16.4 24.6
279 30.0 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.959 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040326.D
Acq: 19 Jun 2023 22:57



Tgt Ion:276 Resp: 447291
Ion Ratio Lower Upper
276 100
138 24.4 21.0 31.4
277 24.2 19.6 29.4

