

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040303.D
 Acq On : 17 Jun 2023 04:53
 Operator : MA/JU
 Sample : 03080-19DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 05:34:16 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	7.970	152	4825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	17759	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.604	164	9603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	17183	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	11456	0.400	ng/ul #	0.00
23) Perylene-d12	23.948	264	11379	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	10818	1.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	2674	0.119	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	4138	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.826	128	8073	0.192	ng/ul#	94
7) 2-Methylnaphthalene	12.437	142	5118	0.196	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	3816	0.139	ng/ul	99
10) Acenaphthylene	14.326	152	8813	0.262	ng/ul#	96
11) Acenaphthene	14.668	153	1043	0.036	ng/ul#	94
12) Fluorene	15.649	166	1132	0.035	ng/ul#	77
15) Phenanthrene	17.390	178	30099	0.666	ng/ul	99
16) Anthracene	17.483	178	4569	0.119	ng/ul#	89
19) Fluoranthene	19.401	202	70553	1.808	ng/ul	99
20) Pyrene	19.764	202	64052	1.580	ng/ul	99
21) Benzo(a)anthracene	21.508	228	31695	0.937	ng/ul	94
22) Chrysene	21.563	228	41935	1.174	ng/ul	96
24) Benzo(b)fluoranthene	23.209	252	61685	1.471	ng/ul	97
25) Benzo(k)fluoranthene	23.252	252	22667m	0.574	ng/ul	
26) Benzo(a)pyrene	23.840	252	36625	1.064	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.463	276	31575	0.725	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.466	278	8020	0.229	ng/ul#	67
29) Benzo(g,h,i)perylene	27.241	276	31900	0.877	ng/ul	95

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

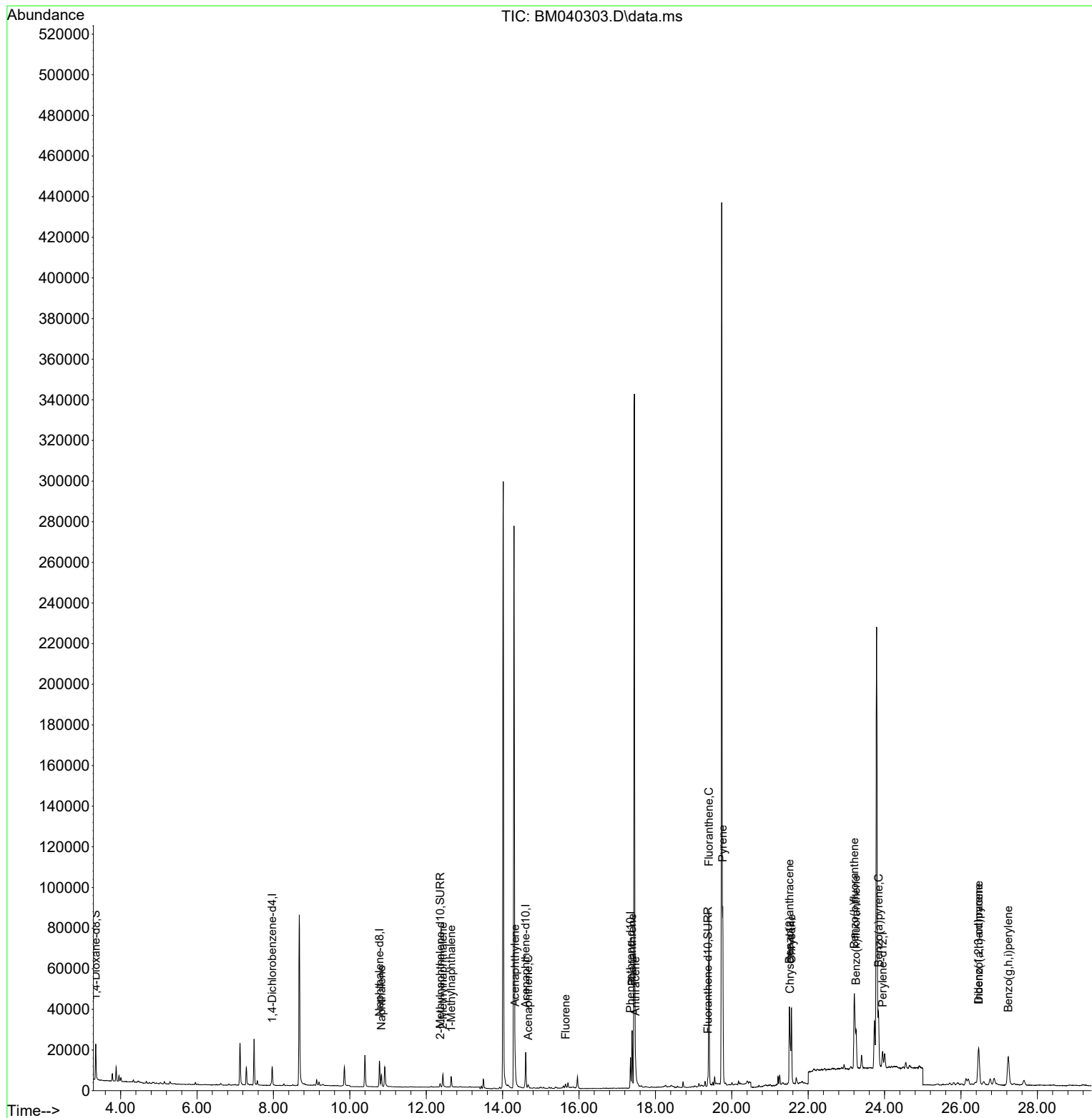
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040303.D
Acq On : 17 Jun 2023 04:53
Operator : MA/JU
Sample : 03080-19DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

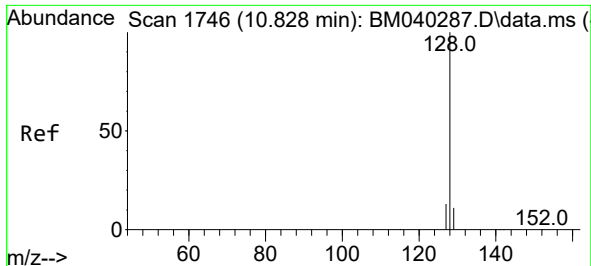
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

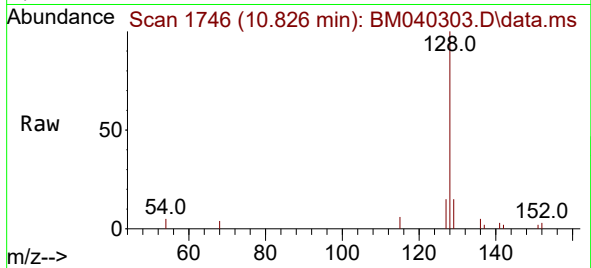
Quant Time: Jun 17 05:34:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.826 min Scan# 1746
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

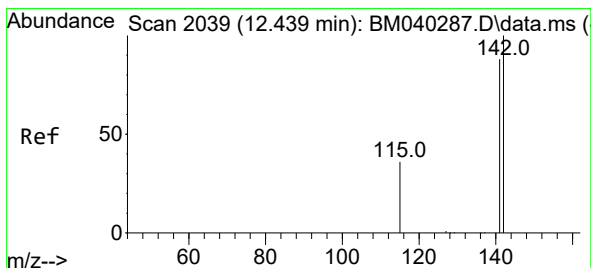
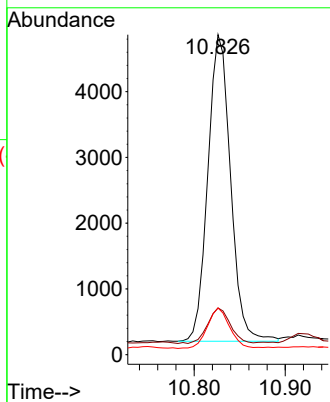
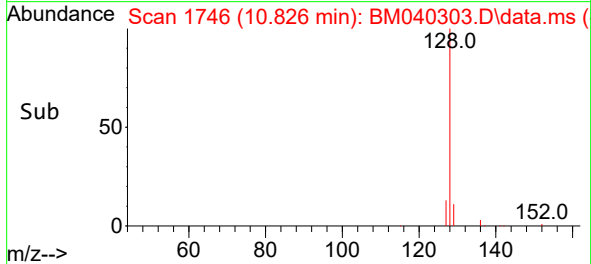
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:128 Resp: 807
Ion Ratio Lower Upper
128 100
129 14.6 9.1 13.7
127 14.6 10.4 15.6

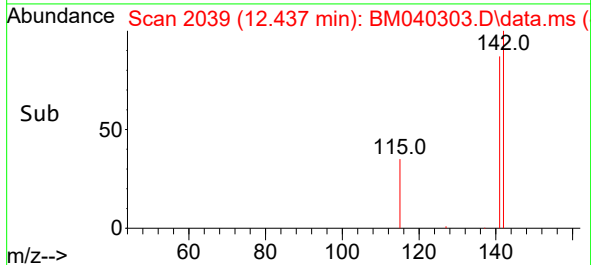
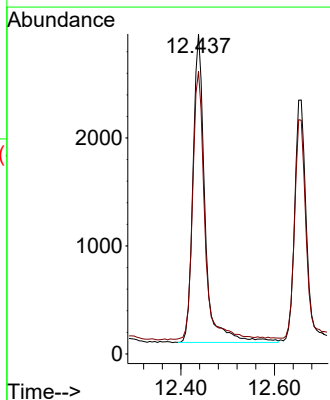
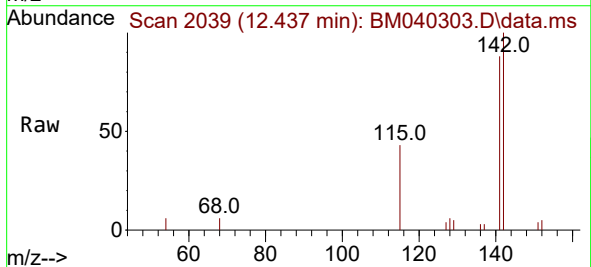
Manual Integrations
APPROVED

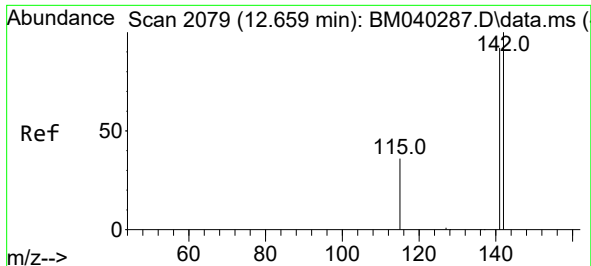
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.437 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

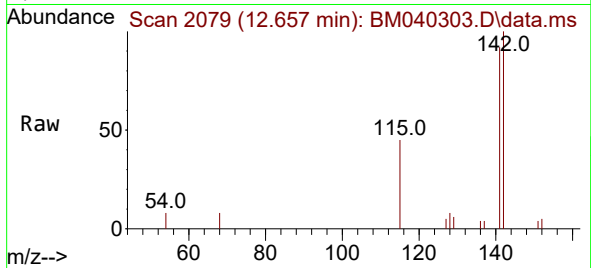
Tgt Ion:142 Resp: 5118
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

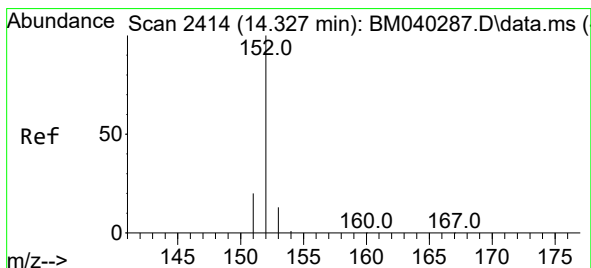
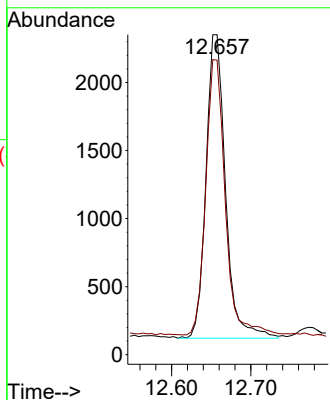
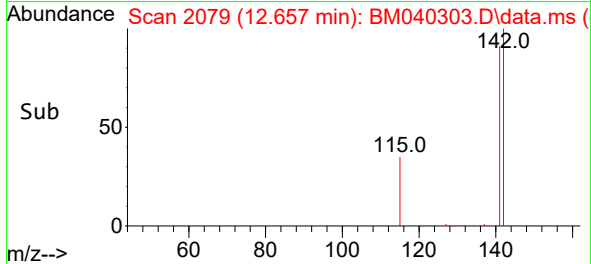
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



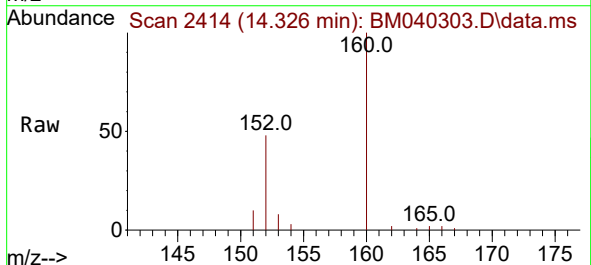
Tgt Ion:142 Resp: 3810
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.4

Manual Integrations
APPROVED

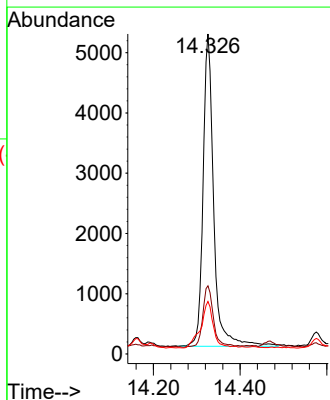
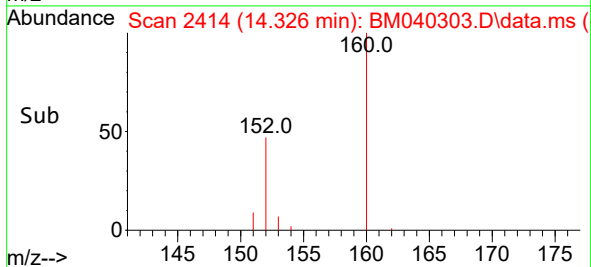
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

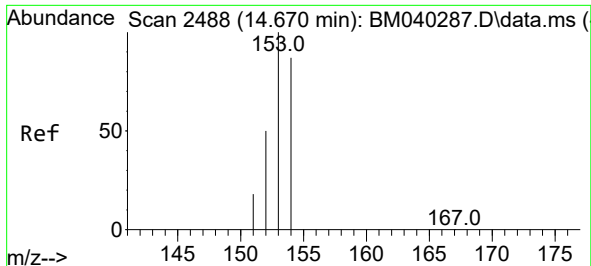


#10
Acenaphthylene
Concen: 0.262 ng/ul
RT: 14.326 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53



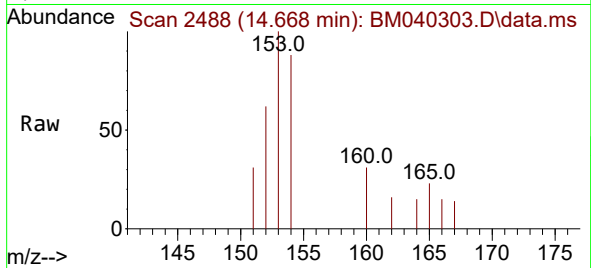
Tgt Ion:152 Resp: 8813
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 16.4 10.7 16.1#





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.668 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

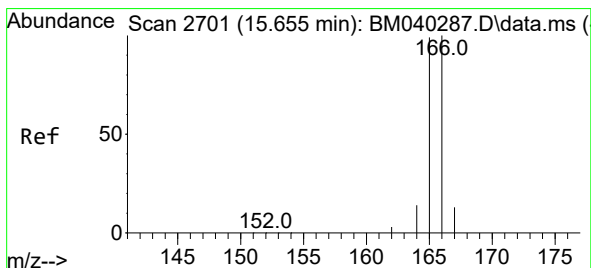
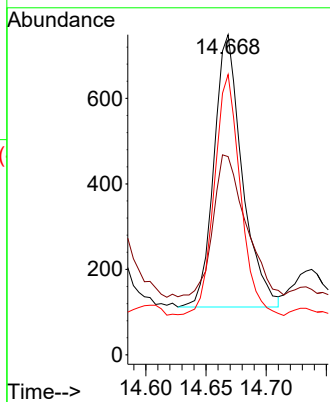
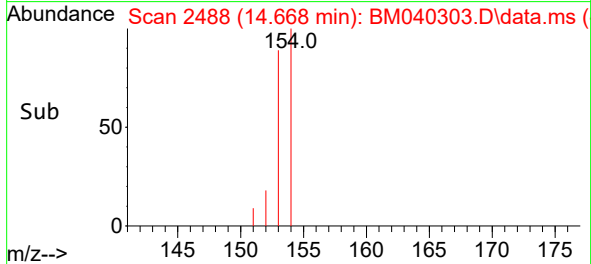
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:153 Resp: 104
Ion Ratio Lower Upper
153 100
152 61.9 40.3 60.5
154 87.6 70.5 105.7

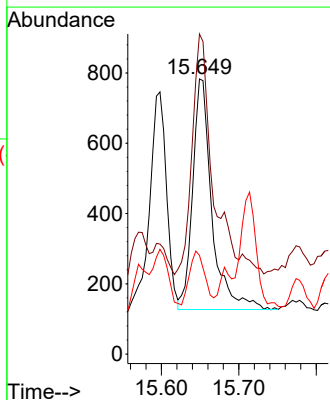
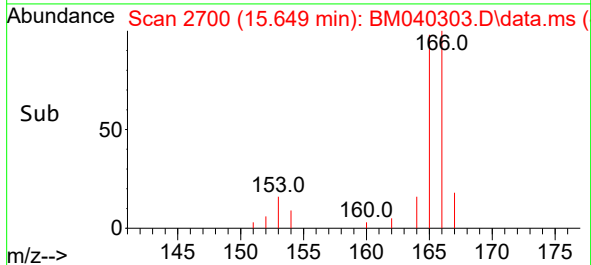
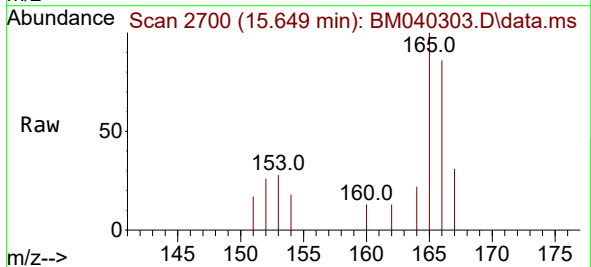
Manual Integrations
APPROVED

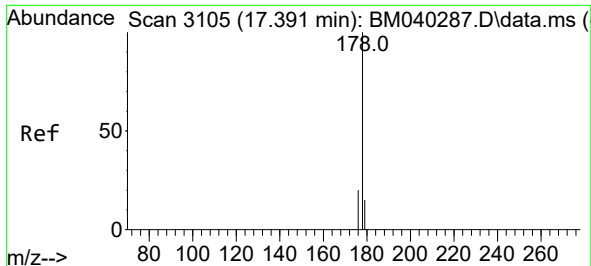
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.649 min Scan# 2700
Delta R.T. -0.011 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

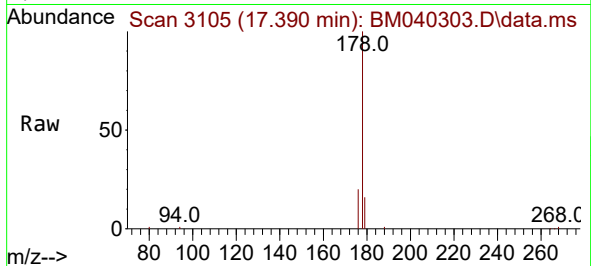
Tgt Ion:166 Resp: 1132
Ion Ratio Lower Upper
166 100
165 116.3 78.2 117.4
167 35.9 11.0 16.4#





#15
Phenanthrene
Concen: 0.666 ng/u1
RT: 17.390 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

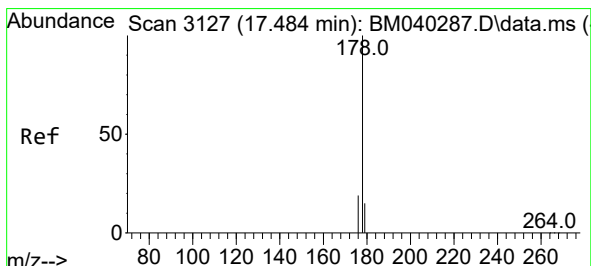
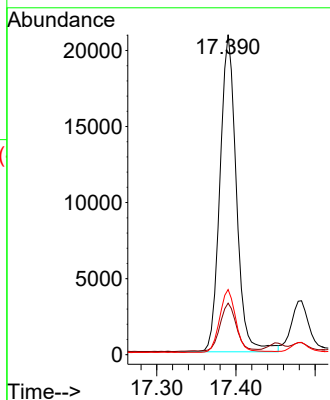
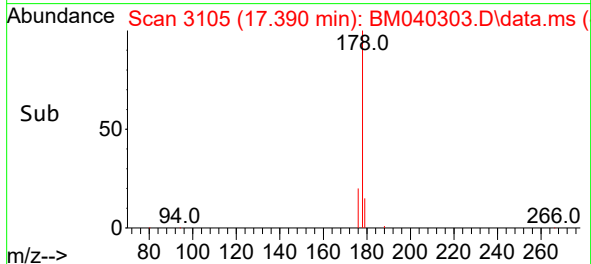
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



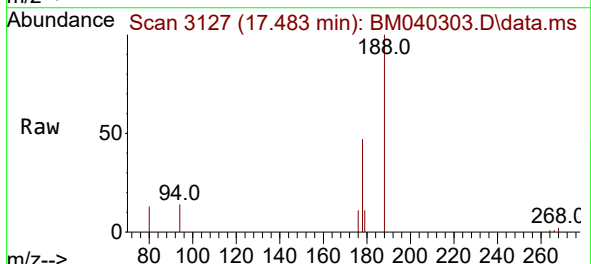
Tgt Ion:178 Resp: 30095
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.4 16.1 24.1

Manual Integrations
APPROVED

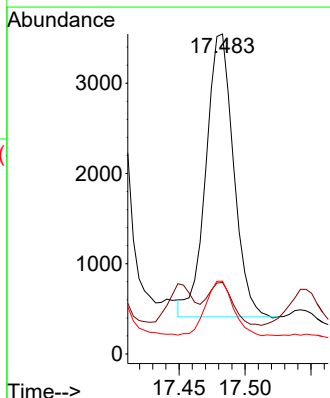
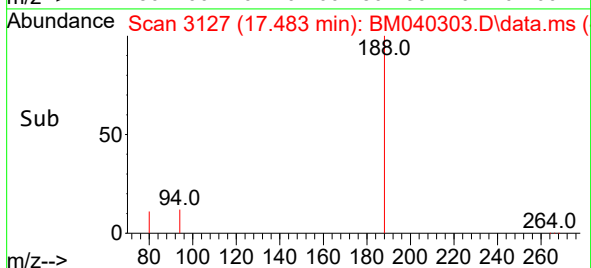
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

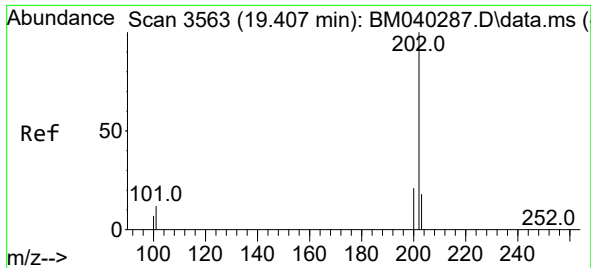


#16
Anthracene
Concen: 0.119 ng/u1
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53



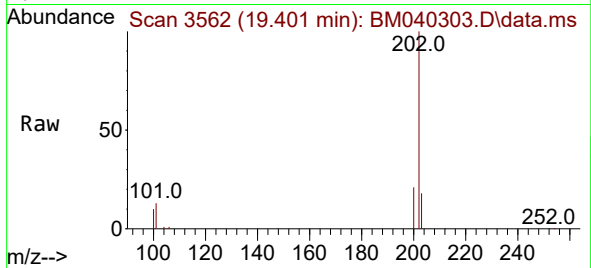
Tgt Ion:178 Resp: 4569
Ion Ratio Lower Upper
178 100
179 22.3 13.0 19.4#
176 22.8 15.5 23.3





#19
Fluoranthene
Concen: 1.808 ng/ul
RT: 19.401 min Scan# 3562
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

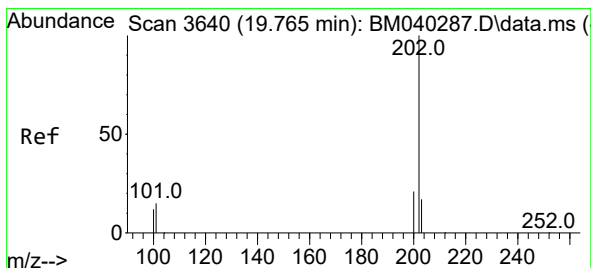
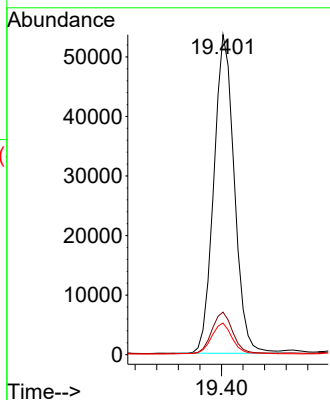
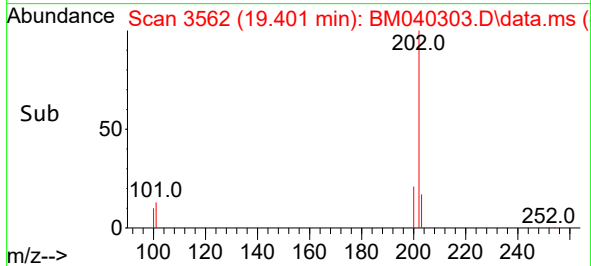
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:202 Resp: 7055
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.4
100 9.9 7.6 11.4

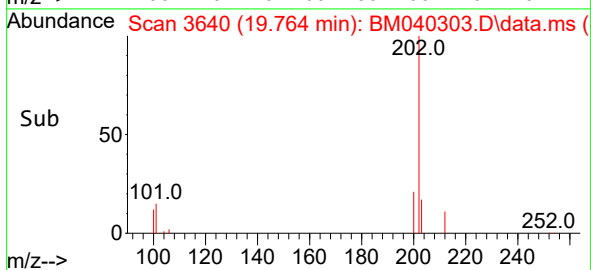
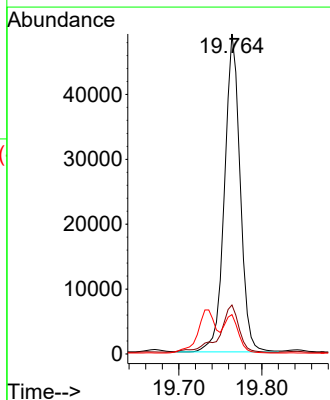
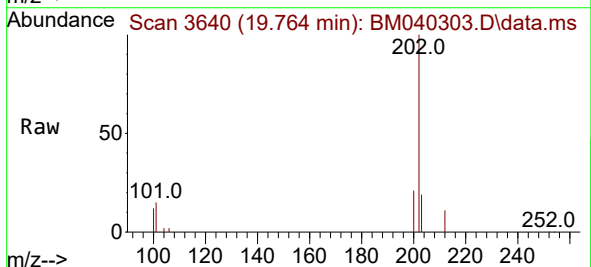
Manual Integrations
APPROVED

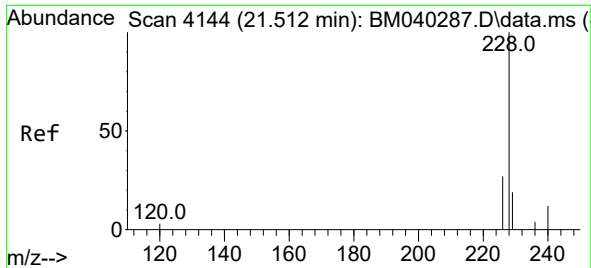
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#20
Pyrene
Concen: 1.580 ng/ul
RT: 19.764 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

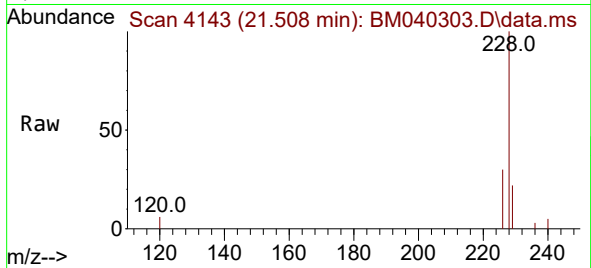
Tgt Ion:202 Resp: 64052
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.8
100 12.3 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.937 ng/ul
RT: 21.508 min Scan# 4143
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

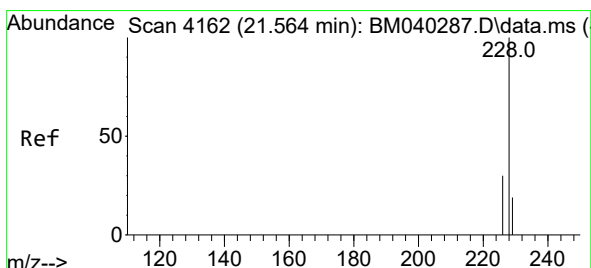
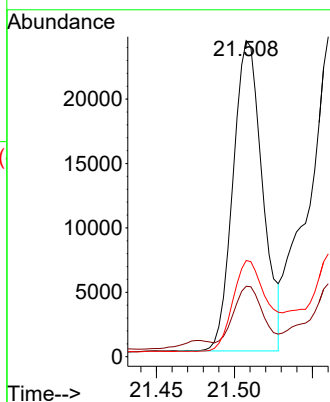
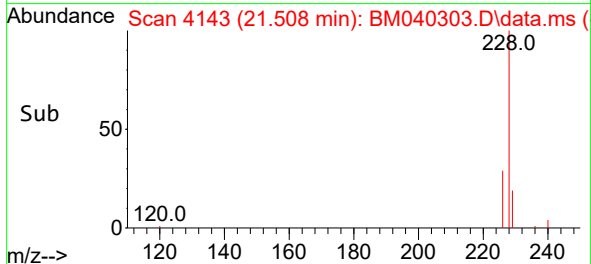
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:228 Resp: 31695
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.8
226 30.4 22.0 33.0

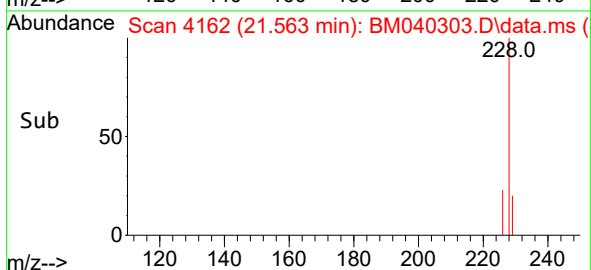
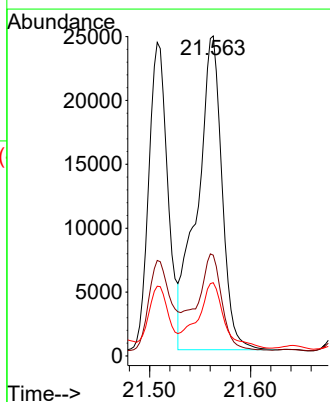
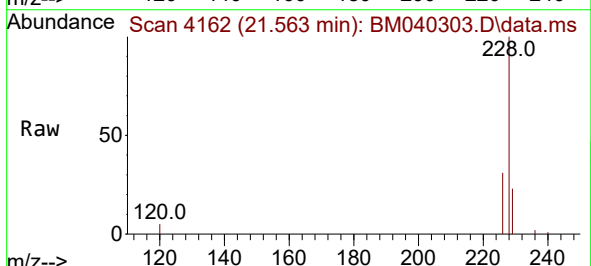
Manual Integrations
APPROVED

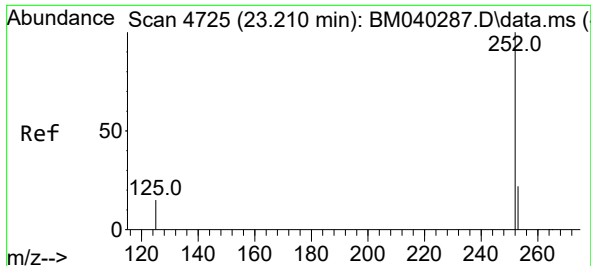
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Chrysene
Concen: 1.174 ng/ul
RT: 21.563 min Scan# 4162
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

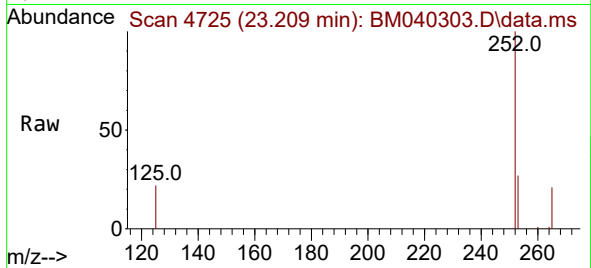
Tgt Ion:228 Resp: 41935
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 22.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.471 ng/ul
RT: 23.209 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

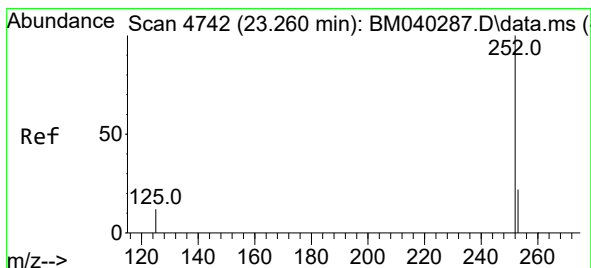
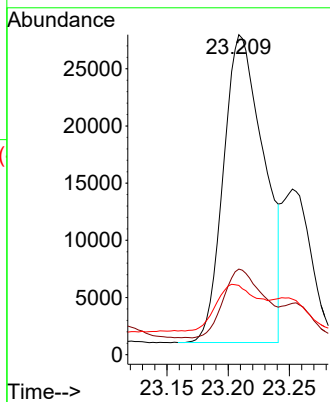
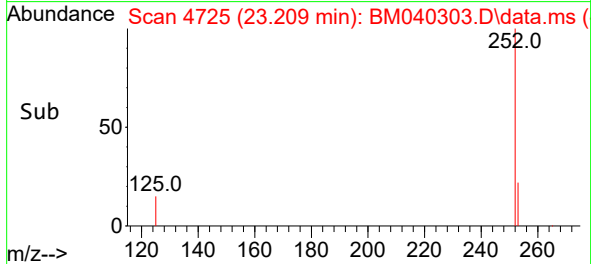
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



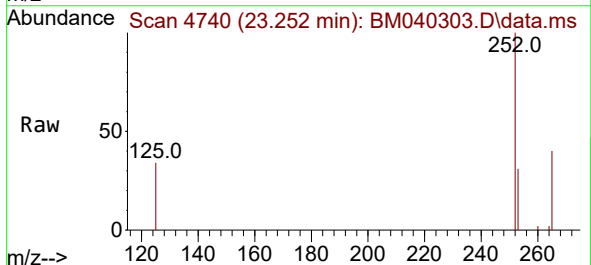
Tgt Ion:252 Resp: 61685
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.4
125 21.7 0.0 38.4

Manual Integrations
APPROVED

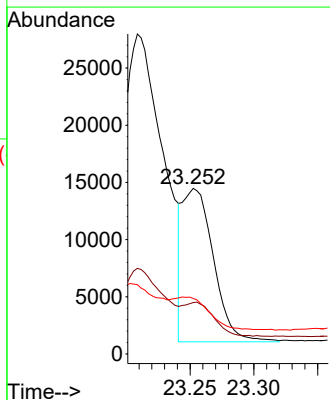
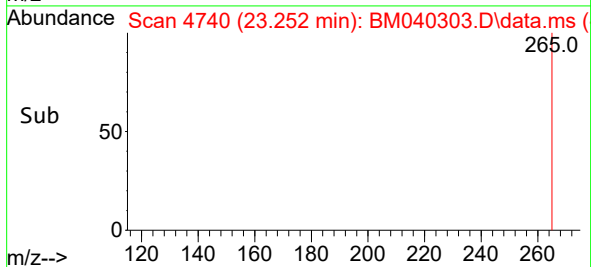
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

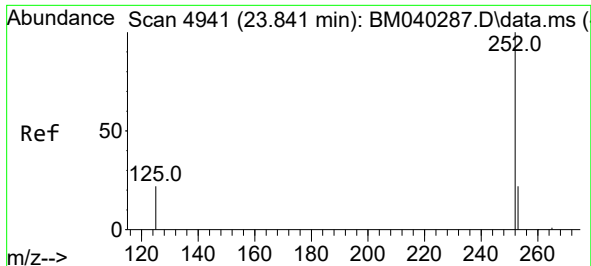


#25
Benzo(k)fluoranthene
Concen: 0.574 ng/ul m
RT: 23.252 min Scan# 4740
Delta R.T. -0.013 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53



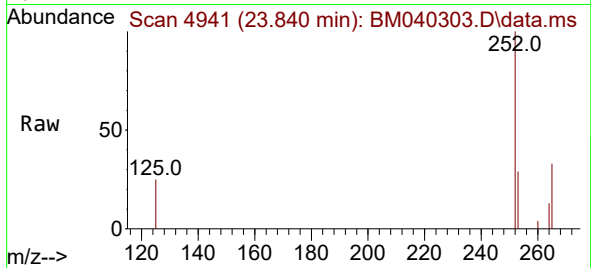
Tgt Ion:252 Resp: 22667
Ion Ratio Lower Upper
252 100
253 31.0 21.5 32.3
125 33.5 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 1.064 ng/ul
RT: 23.840 min Scan# 4941
Delta R.T. -0.010 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

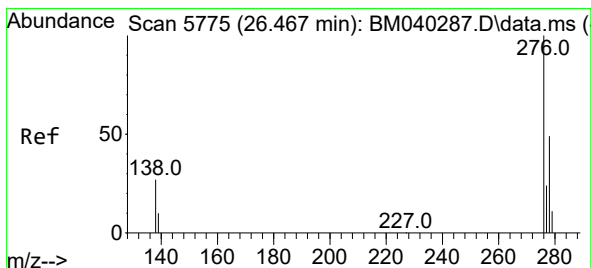
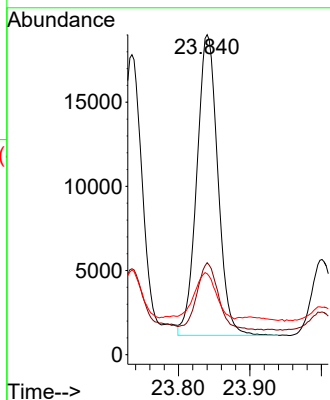
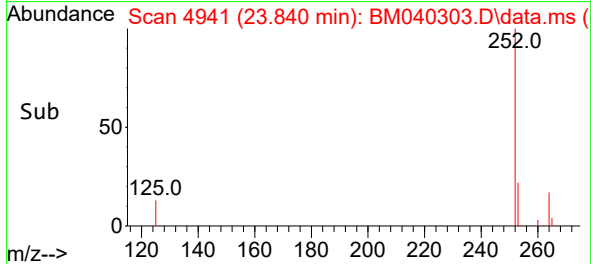
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



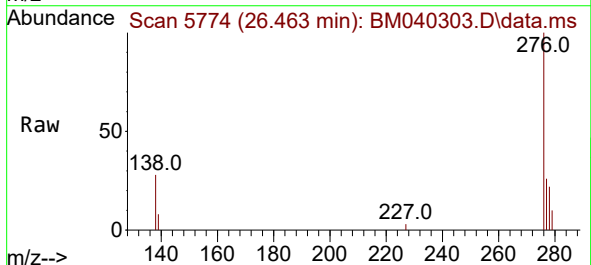
Tgt Ion:252 Resp: 36625
Ion Ratio Lower Upper
252 100
253 28.8 23.4 35.0
125 25.3 19.7 29.5

Manual Integrations
APPROVED

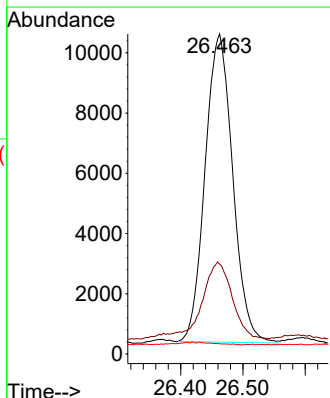
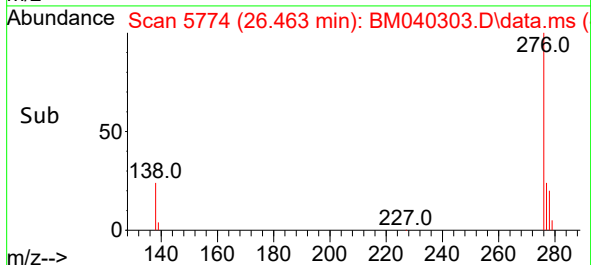
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

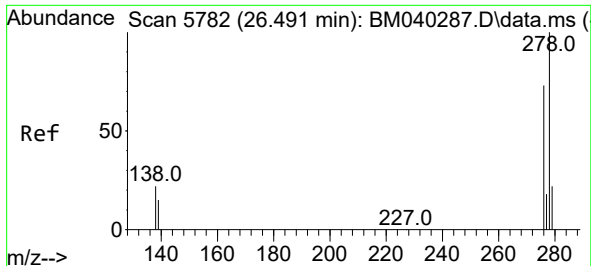


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.725 ng/ul
RT: 26.463 min Scan# 5774
Delta R.T. -0.015 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53



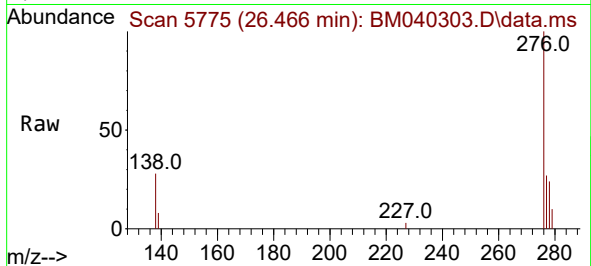
Tgt Ion:276 Resp: 31575
Ion Ratio Lower Upper
276 100
138 26.6 23.3 34.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 26.466 min Scan# 5782
Delta R.T. -0.032 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

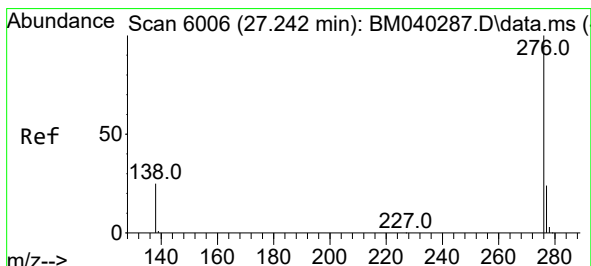
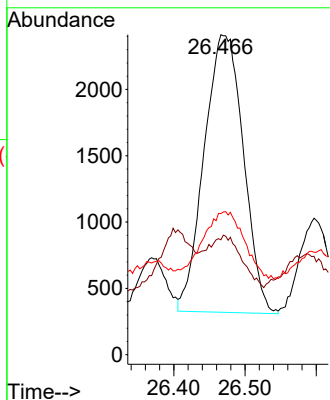
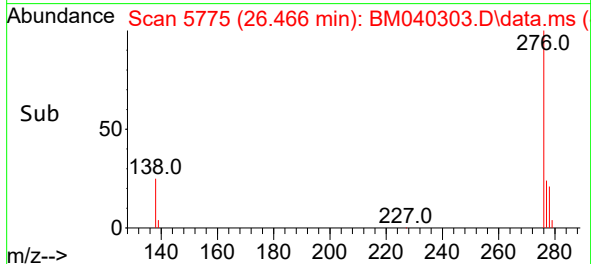
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL



Tgt Ion:278 Resp: 8020
Ion Ratio Lower Upper
278 100
139 35.9 16.4 24.6
279 44.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.877 ng/ul
RT: 27.241 min Scan# 6006
Delta R.T. -0.015 min
Lab File: BM040303.D
Acq: 17 Jun 2023 04:53

Tgt Ion:276 Resp: 31900
Ion Ratio Lower Upper
276 100
138 29.6 21.0 31.4
277 26.2 19.6 29.4

