

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046133.D
 Acq On : 20 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2710-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B26

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:49:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Supervised By :mohammad
 ahmed
 06/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.422	152	3105	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	9030	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.071	164	4919	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.815	188	10276m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	8148m	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	9313m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	13934	3.271	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	2778	0.229	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	5990	0.245	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	2013	0.080	ng/ul#	93
7) 2-Methylnaphthalene	11.898	142	812	0.057	ng/ul	96
8) 1-Methylnaphthalene	12.107	142	842	0.054	ng/ul	95
10) Acenaphthylene	13.788	152	4096	0.176	ng/ul#	95
11) Acenaphthene	14.135	153	4458	0.265	ng/ul	98
12) Fluorene	15.125	166	4691	0.260	ng/ul	99
15) Phenanthrene	16.853	178	94935m	3.288	ng/ul	
16) Anthracene	16.946	178	14528m	0.676	ng/ul	
19) Fluoranthene	18.880	202	131153	3.718	ng/ul	95
20) Pyrene	19.243	202	136998	3.591	ng/ul	94
21) Benzo(a)anthracene	21.000	228	55479m	1.763	ng/ul	
22) Chrysene	21.050	228	63113	1.571	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	71163m	2.121	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	24662m	0.618	ng/ul	
26) Benzo(a)pyrene	23.017	252	50644m	1.629	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.159	276	37482	0.737	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.162	278	8499	0.224	ng/ul#	85
29) Benzo(g,h,i)perylene	25.783	276	38405	0.880	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046133.D
Acq On : 20 Jun 2024 21:14
Operator : MA/JU
Sample : P2710-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

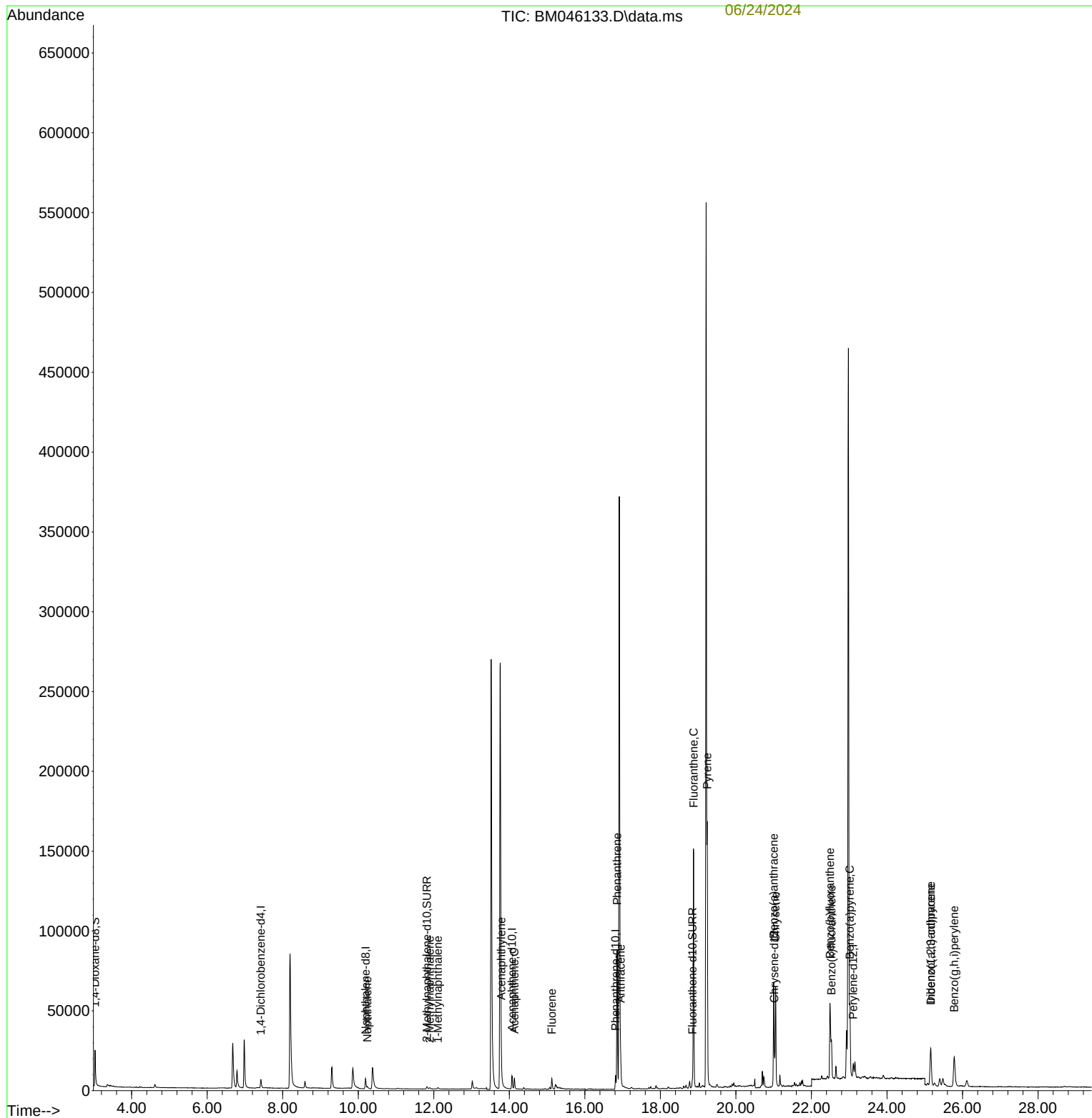
Instrument :
BNA_M
ClientSampleId :
A4B26

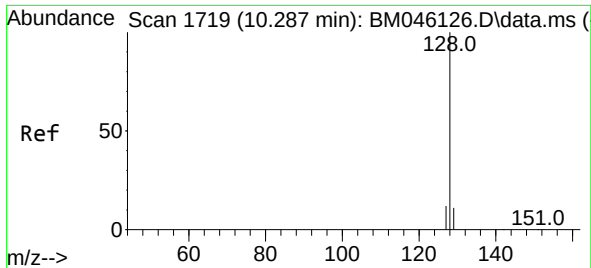
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Supervised By :mohammad
ahmed
06/24/2024

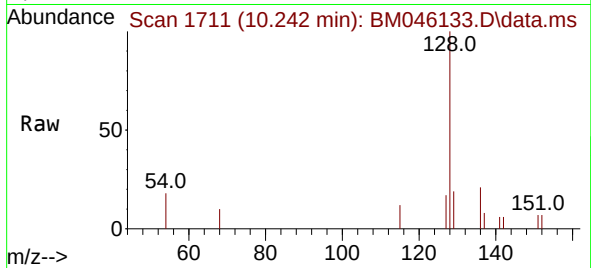
Quant Time: Jun 21 02:49:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.060 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

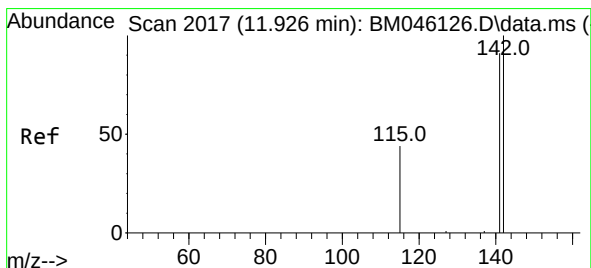
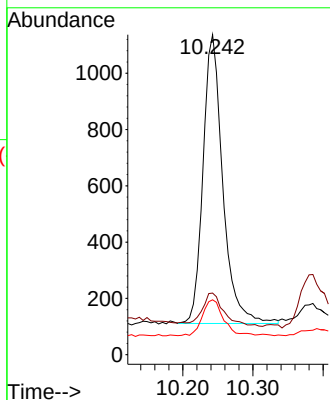


Tgt Ion:128 Resp: 2011
Ion Ratio Lower Upper
128 100
129 19.3 11.8 17.6
127 17.2 12.8 19.2

Manual Integrations
APPROVED

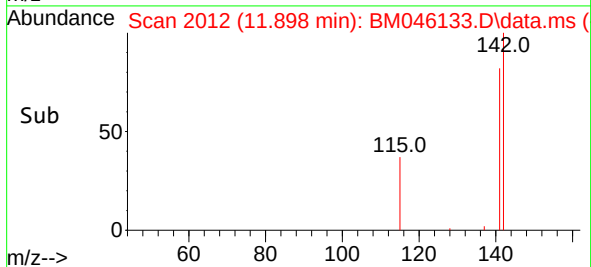
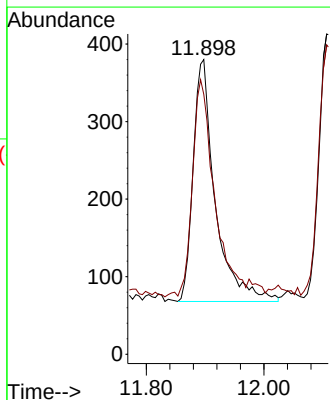
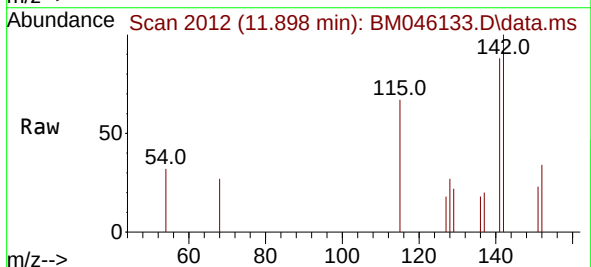
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

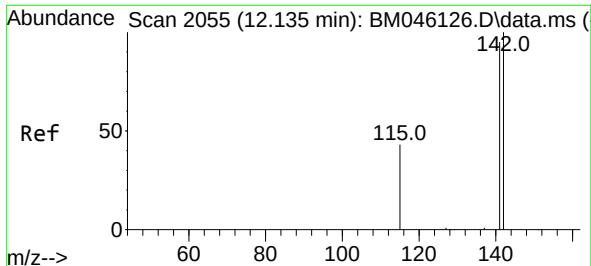
Supervised By :mohammad
ahmed
06/24/2024



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.049 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

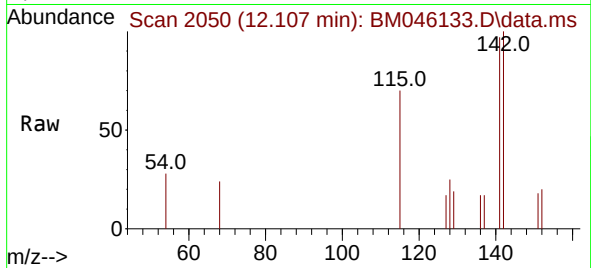
Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 89.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.107 min Scan# 2050
Delta R.T. -0.044 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

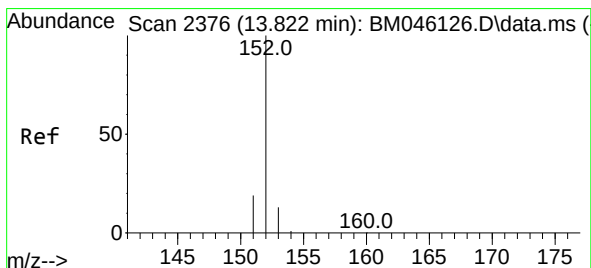
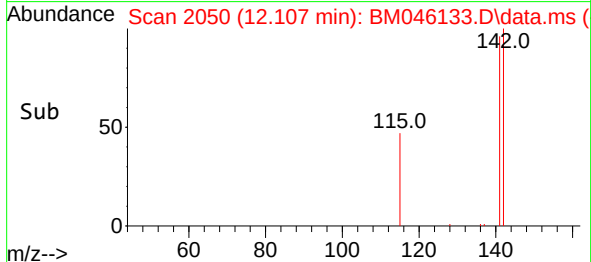
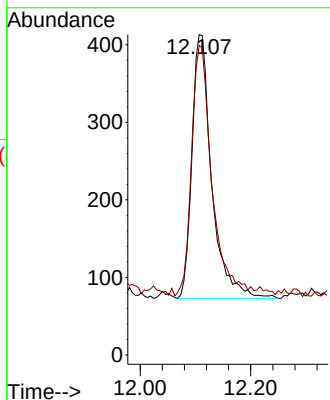


Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
141 98.9 75.2 112.8

Manual Integrations
APPROVED

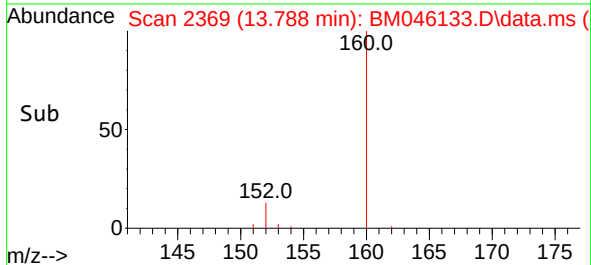
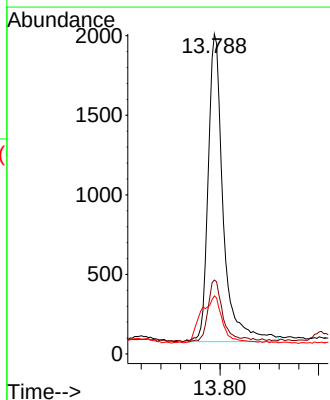
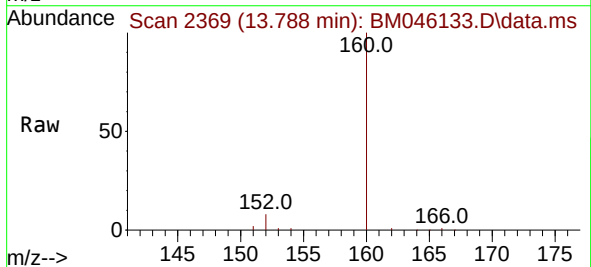
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

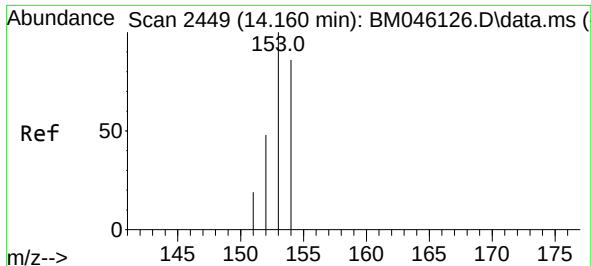
Supervised By :mohammad
ahmed
06/24/2024



#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

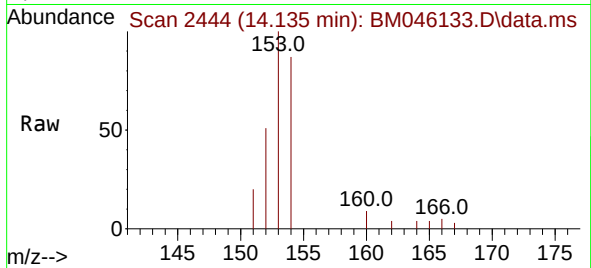
Tgt Ion:152 Resp: 4096
Ion Ratio Lower Upper
152 100
151 23.1 17.4 26.2
153 18.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.265 ng/ul
RT: 14.135 min Scan# 2449
Delta R.T. -0.037 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

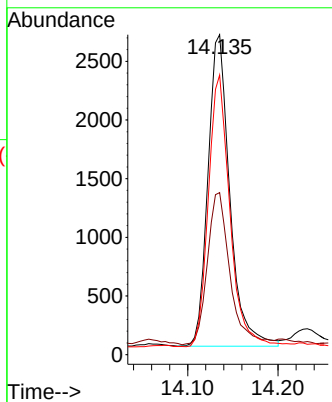
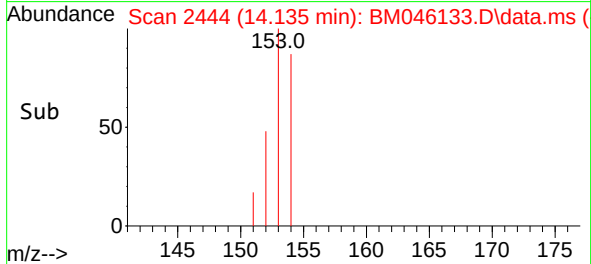
Instrument :
BNA_M
ClientSampleId :
A4B26



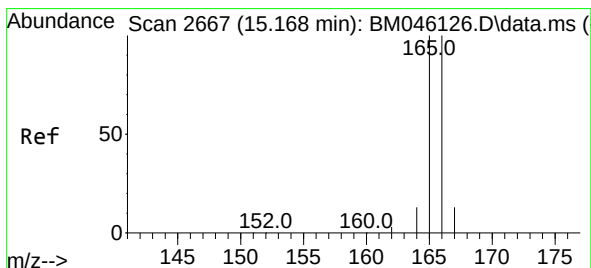
Tgt Ion:153 Resp: 4458
Ion Ratio Lower Upper
153 100
152 50.6 41.3 61.9
154 87.4 68.2 102.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

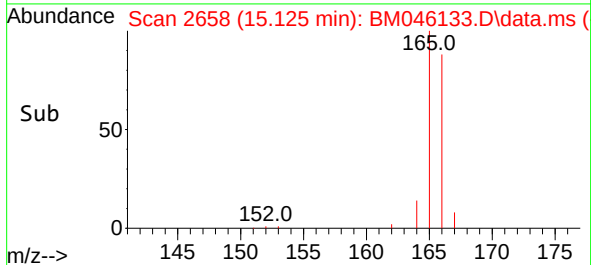
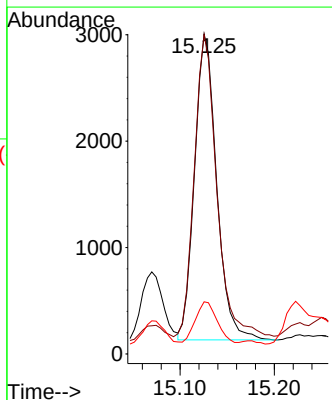
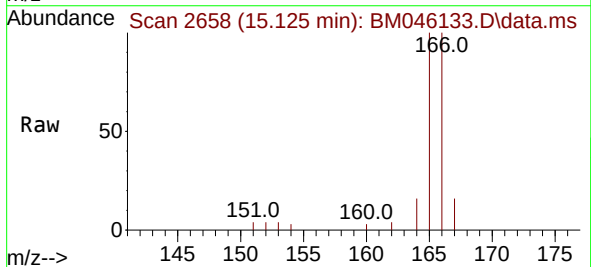


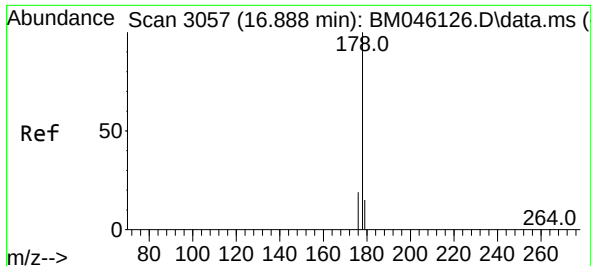
Supervised By :mohammad
ahmed
06/24/2024



#12
Fluorene
Concen: 0.260 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.055 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

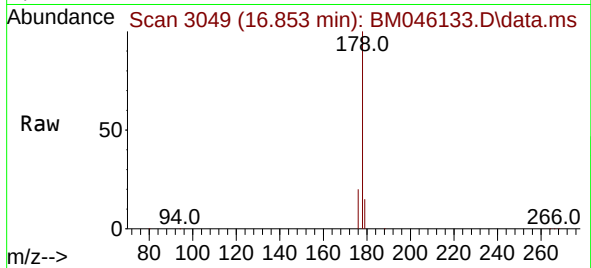
Tgt Ion:166 Resp: 4691
Ion Ratio Lower Upper
166 100
165 99.7 80.4 120.6
167 16.3 12.4 18.6





#15
Phenanthrene
Concen: 3.288 ng/ul m
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

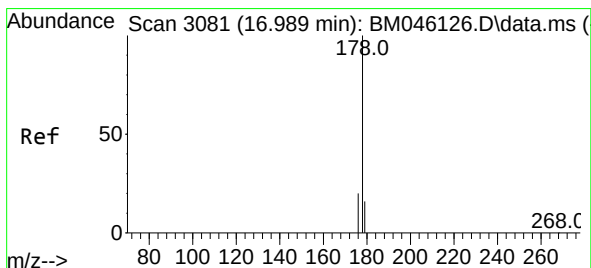
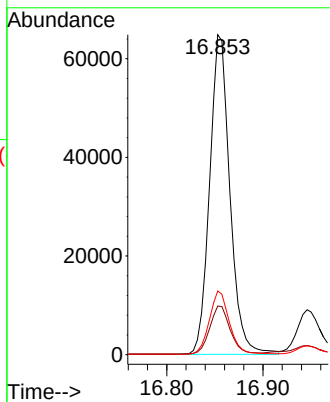
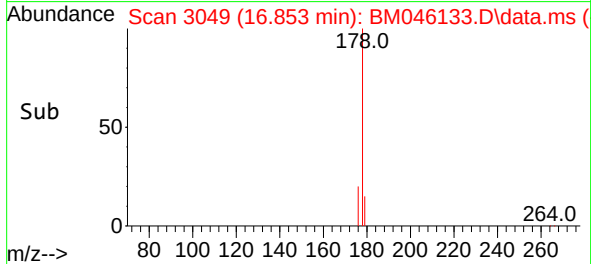


Tgt Ion:178 Resp: 9493
Ion Ratio Lower Upper
178 100
179 15.2 14.2 21.2
176 19.9 17.1 25.7

Manual Integrations
APPROVED

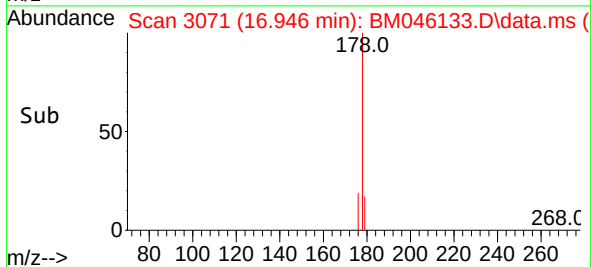
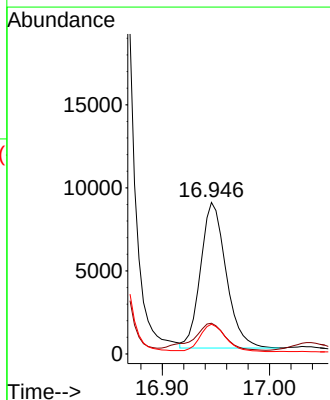
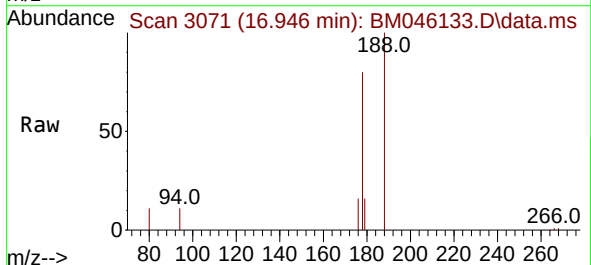
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

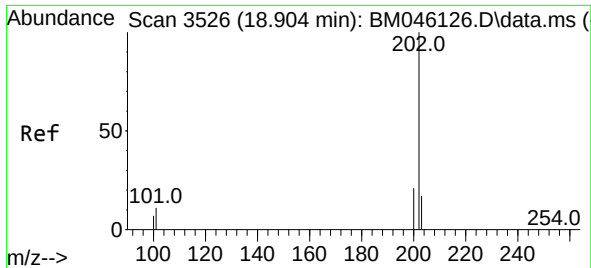
Supervised By :mohammad
ahmed
06/24/2024



#16
Anthracene
Concen: 0.676 ng/ul m
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

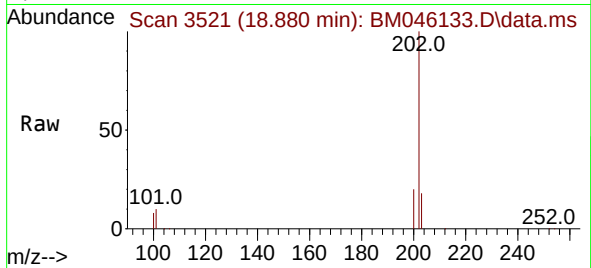
Tgt Ion:178 Resp: 14528
Ion Ratio Lower Upper
178 100
179 20.3 14.9 22.3
176 19.6 17.0 25.4





#19
Fluoranthene
Concen: 3.718 ng/ul
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

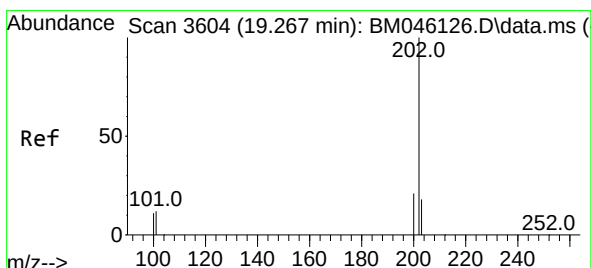
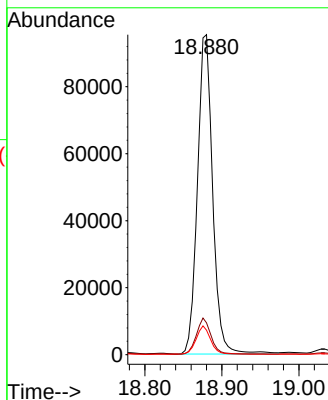
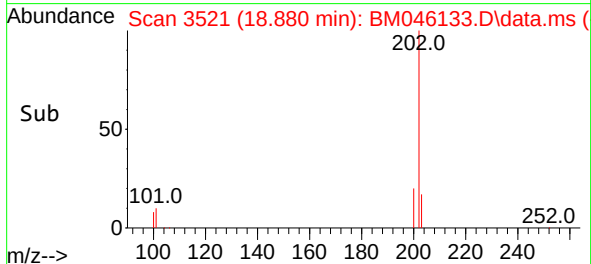


Tgt Ion:202 Resp: 13115
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.6 7.6 11.4

Manual Integrations
APPROVED

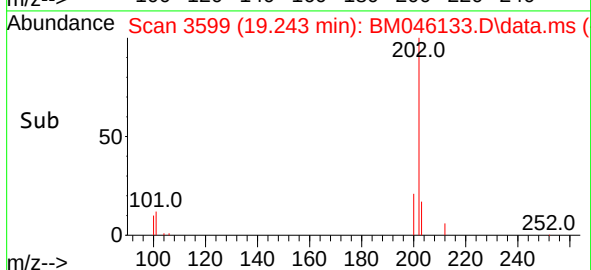
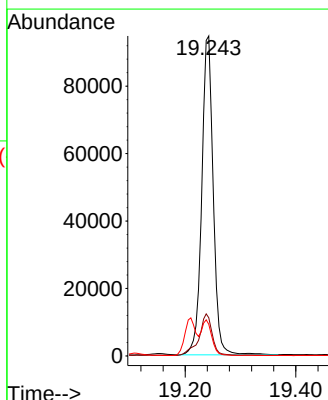
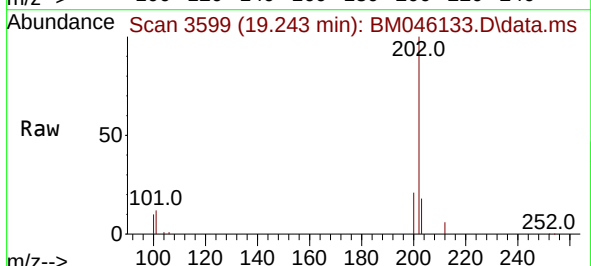
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

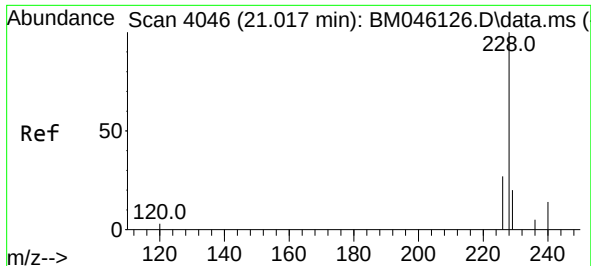
Supervised By :mohammad
ahmed
06/24/2024



#20
Pyrene
Concen: 3.591 ng/ul
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

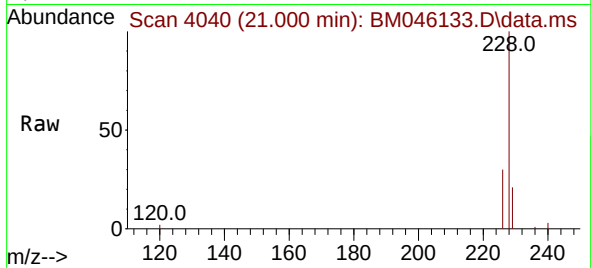
Tgt Ion:202 Resp: 136998
Ion Ratio Lower Upper
202 100
101 12.0 11.3 16.9
100 9.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.763 ng/ul m
RT: 21.000 min Scan# 4046
Delta R.T. -0.029 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

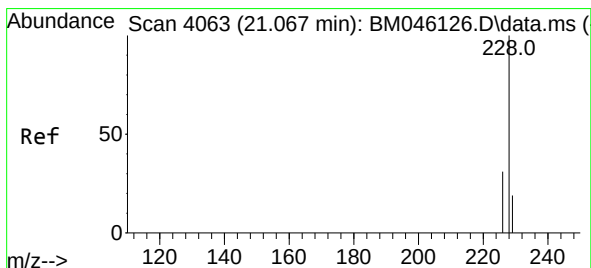
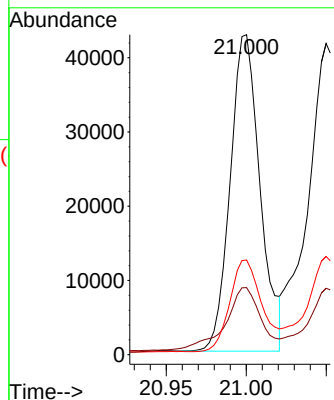


Tgt Ion:228 Resp: 55479
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.6 23.4 35.2

Manual Integrations
APPROVED

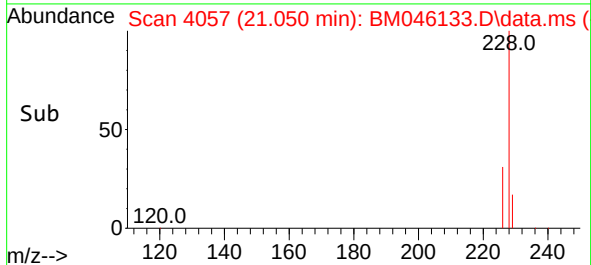
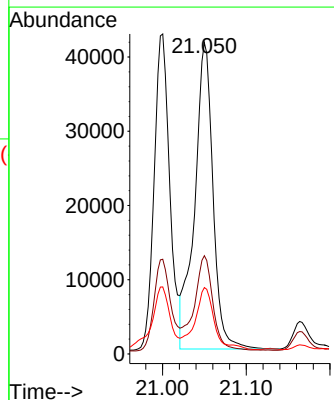
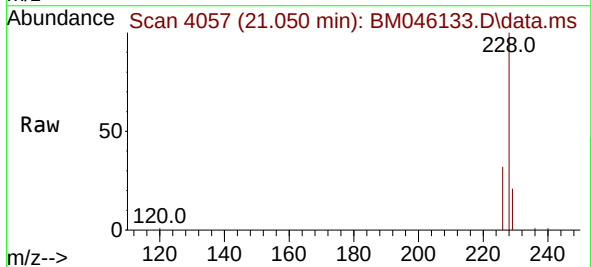
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

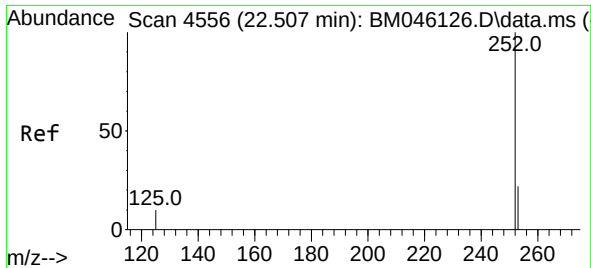
Supervised By :mohammad
ahmed
06/24/2024



#22
Chrysene
Concen: 1.571 ng/ul
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

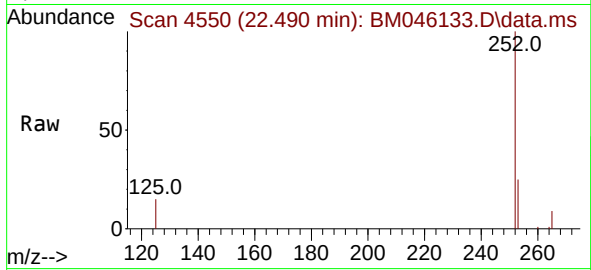
Tgt Ion:228 Resp: 63113
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.121 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

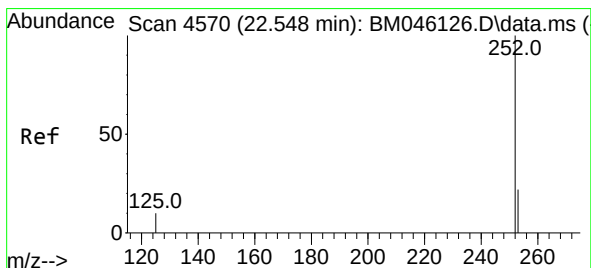
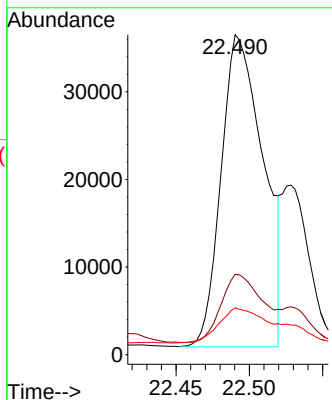


Tgt Ion:252 Resp: 7116
Ion Ratio Lower Upper
252 100
253 25.1 0.0 65.8
125 14.7 0.0 40.2

Manual Integrations
APPROVED

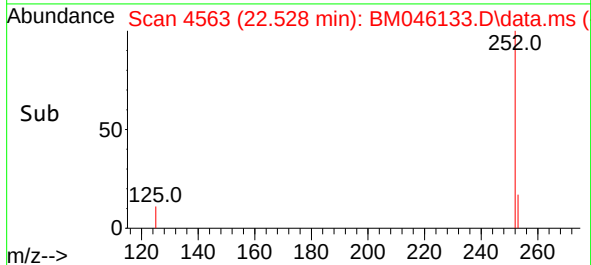
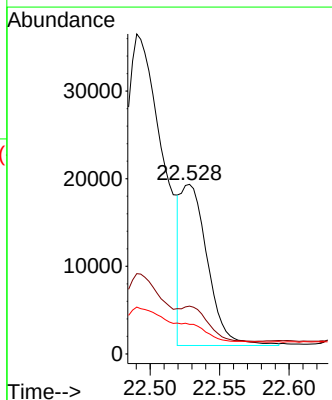
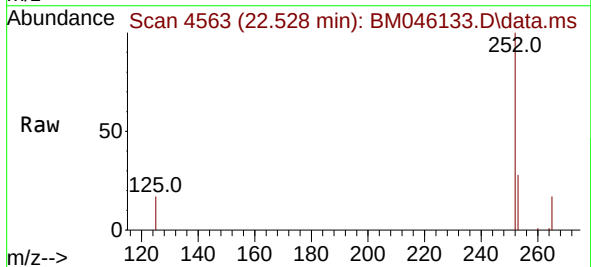
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

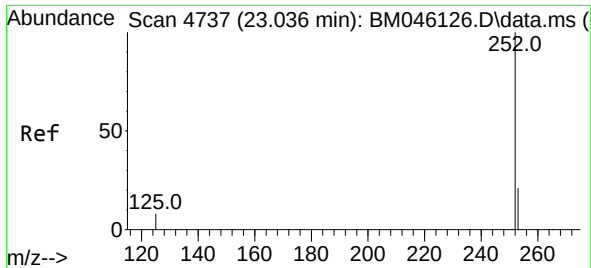
Supervised By :mohammad
ahmed
06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.618 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

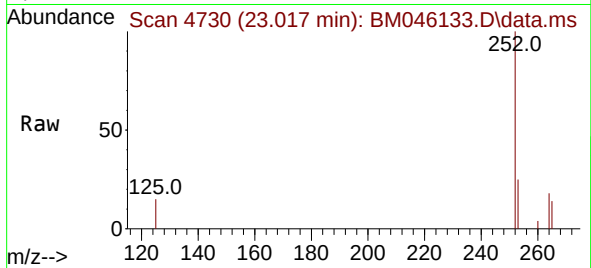
Tgt Ion:252 Resp: 24662
Ion Ratio Lower Upper
252 100
253 28.2 27.2 40.8
125 17.5 16.6 25.0





#26
Benzo(a)pyrene
Concen: 1.629 ng/ul m
RT: 23.017 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

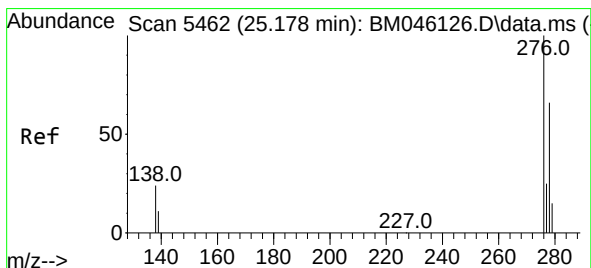
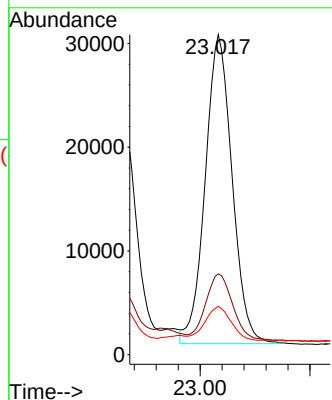


Tgt Ion:252 Resp: 50644
Ion Ratio Lower Upper
252 100
253 25.3 32.1 48.1#
125 15.1 21.2 31.8#

Manual Integrations
APPROVED

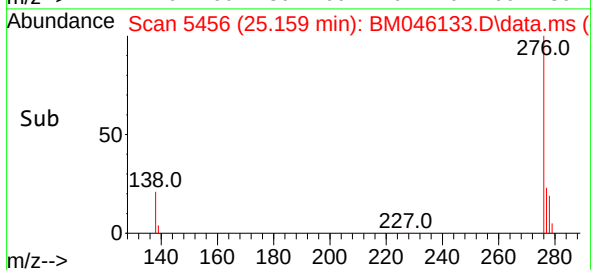
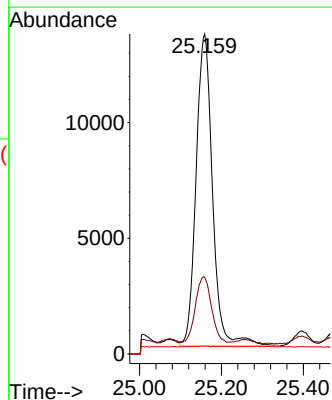
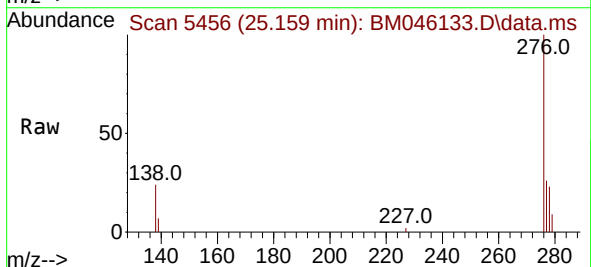
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

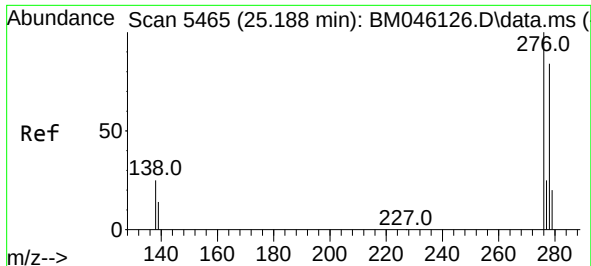
Supervised By :mohammad
ahmed
06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.737 ng/ul
RT: 25.159 min Scan# 5456
Delta R.T. -0.043 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

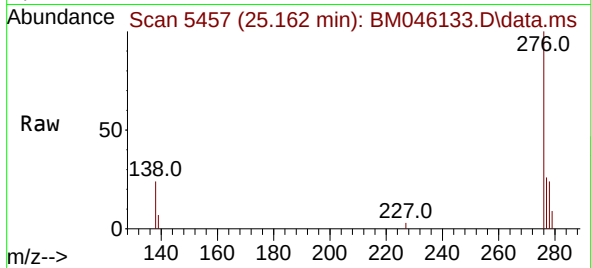
Tgt Ion:276 Resp: 37482
Ion Ratio Lower Upper
276 100
138 20.6 21.0 31.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 25.162 min Scan# 5465
Delta R.T. -0.054 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Instrument :
BNA_M
ClientSampleId :
A4B26

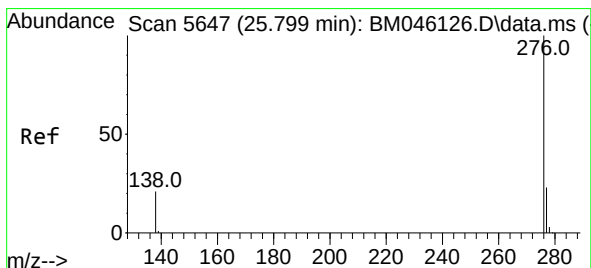
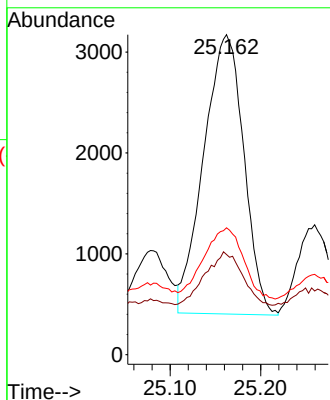


Tgt Ion:278 Resp: 8495
Ion Ratio Lower Upper
278 100
139 31.3 17.6 26.4
279 39.7 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Supervised By :mohammad
ahmed
06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.880 ng/ul
RT: 25.783 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046133.D
Acq: 20 Jun 2024 21:14

Tgt Ion:276 Resp: 38405
Ion Ratio Lower Upper
276 100
138 24.3 21.7 32.5
277 25.7 20.4 30.6

