

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040282.D
 Acq On : 16 Jun 2023 15:56
 Operator : MA/JU
 Sample : 03080-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH5

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:39:13 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	9457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33748	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.609	164	16225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	26562	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	18868	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	20163	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	24833	2.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5624	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	7556	0.161	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	18097	0.226	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	9074	0.183	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	6231	0.120	ng/ul	99
10) Acenaphthylene	14.327	152	20250	0.357	ng/ul	98
11) Acenaphthene	14.670	153	8772	0.180	ng/ul	98
12) Fluorene	15.655	166	7747	0.143	ng/ul#	96
14) Pentachlorophenol	17.003	266	730	0.135	ng/ul	91
15) Phenanthrene	17.391	178	182463	2.613	ng/ul	99
16) Anthracene	17.484	178	37090	0.627	ng/ul	100
19) Fluoranthene	19.403	202	410369	6.385	ng/ul	99
20) Pyrene	19.765	202	344846	5.164	ng/ul	98
21) Benzo(a)anthracene	21.512	228	175749	3.156	ng/ul	98
22) Chrysene	21.564	228	210344	3.575	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	354813	4.774	ng/ul	94
25) Benzo(k)fluoranthene	23.257	252	122019m	1.743	ng/ul	
26) Benzo(a)pyrene	23.844	252	209795	3.440	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.467	276	190531	2.468	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.474	278	45647	0.737	ng/ul#	91
29) Benzo(g,h,i)perylene	27.242	276	172698	2.678	ng/ul	100

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

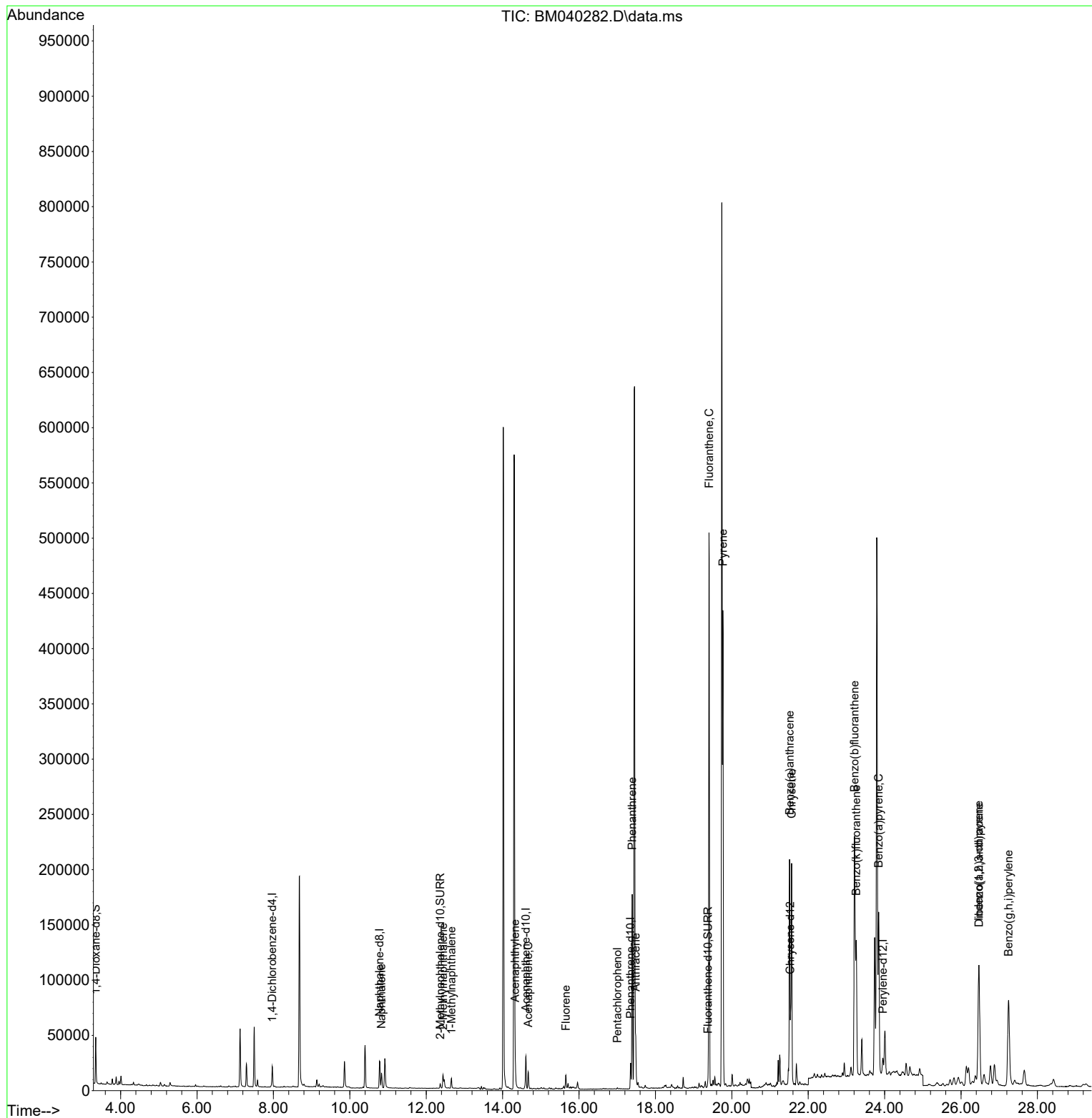
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040282.D
Acq On : 16 Jun 2023 15:56
Operator : MA/JU
Sample : 03080-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

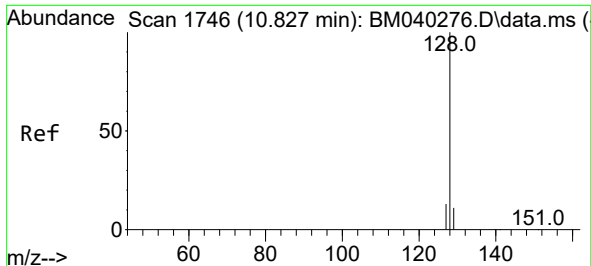
Instrument :
BNA_M
ClientSampleId :
DCFH5

Manual Integrations
APPROVED

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

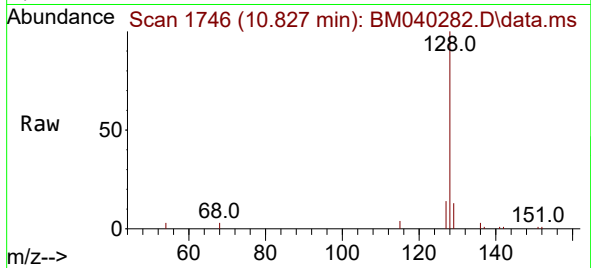
Quant Time: Jun 16 23:39:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.226 ng/ul
RT: 10.827 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

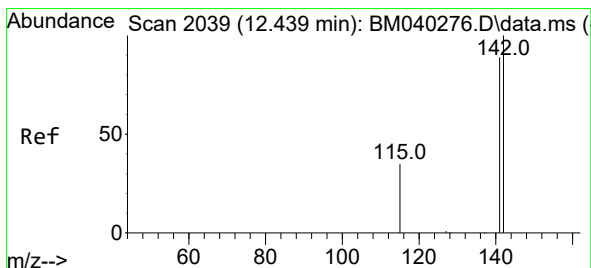
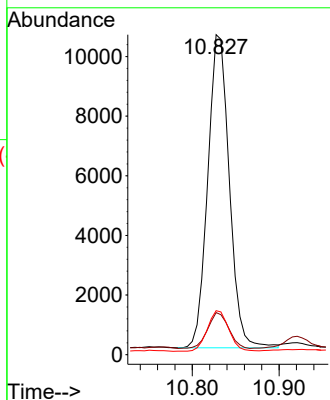
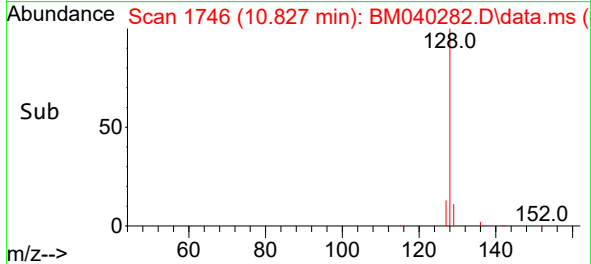
Instrument :
BNA_M
ClientSampleId :
DCFH5



Tgt Ion:128 Resp: 1809
Ion Ratio Lower Upper
128 100
129 13.2 9.1 13.7
127 13.8 10.4 15.6

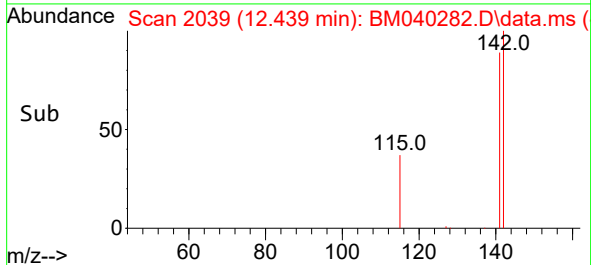
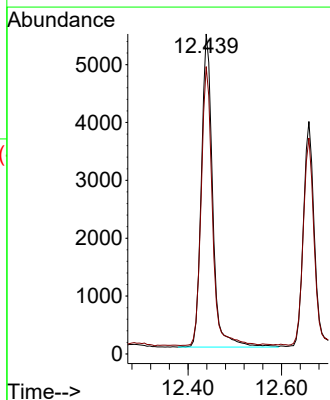
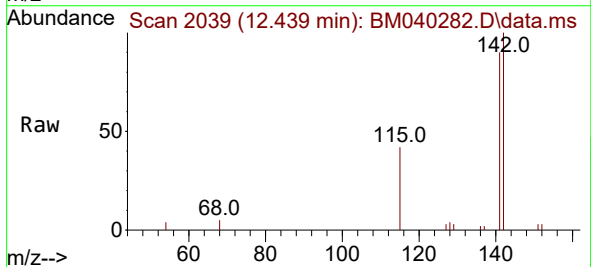
Manual Integrations
APPROVED

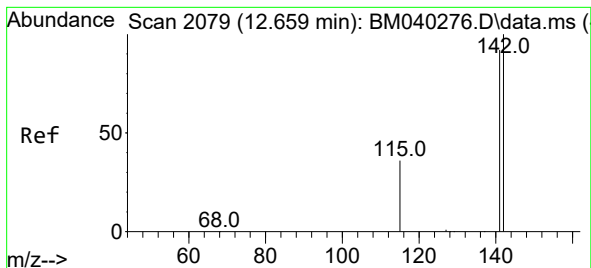
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:142 Resp: 9074
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.120 ng/ul

RT: 12.659 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM040282.D

Acq: 16 Jun 2023 15:56

Instrument :

BNA_M

ClientSampleId :

DCFH5

Tgt Ion:142 Resp: 623

Ion Ratio Lower Upper

142 100

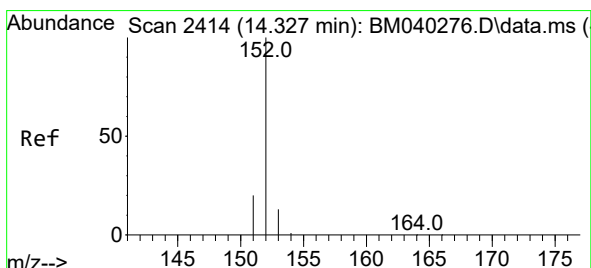
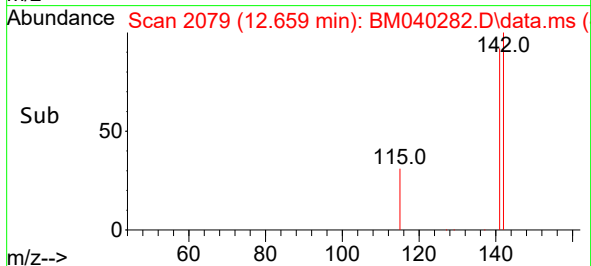
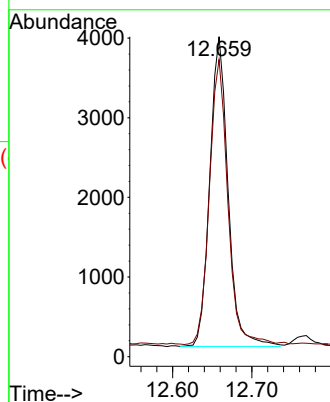
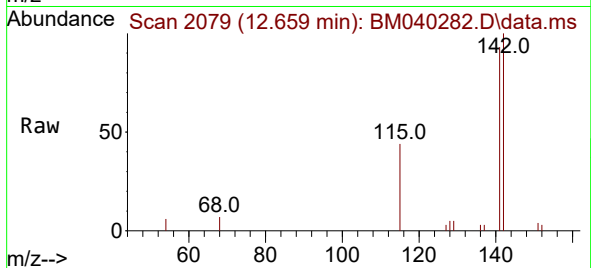
141 92.2 73.0 109.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#10

Acenaphthylene

Concen: 0.357 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040282.D

Acq: 16 Jun 2023 15:56

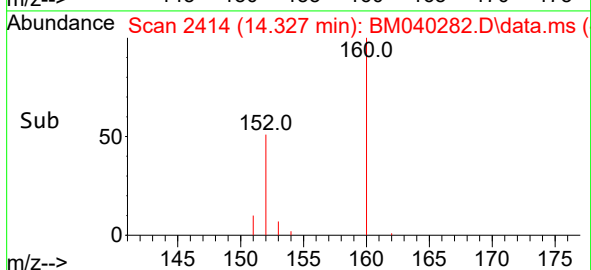
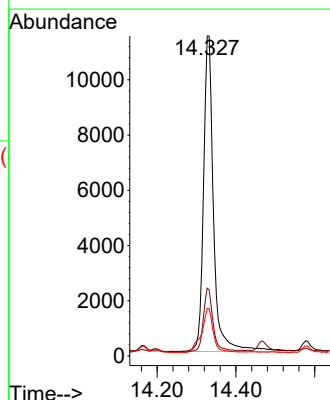
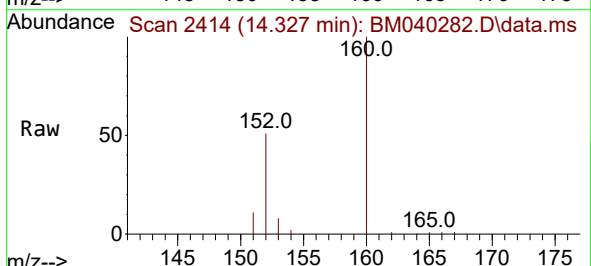
Tgt Ion:152 Resp: 20250

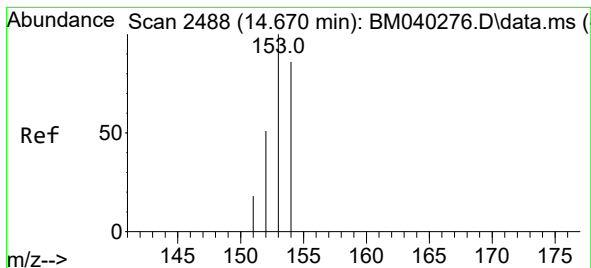
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

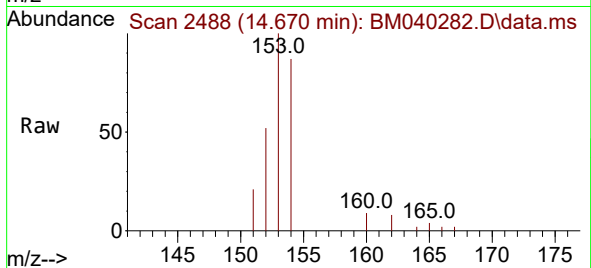
153 14.8 10.7 16.1





#11
Acenaphthene
Concen: 0.180 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

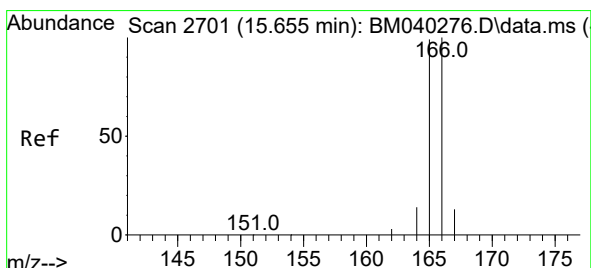
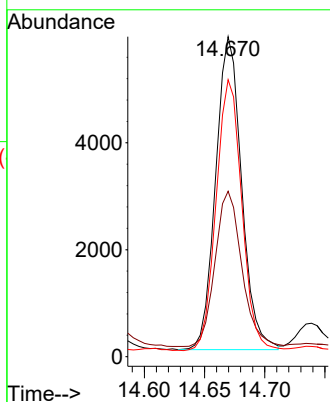
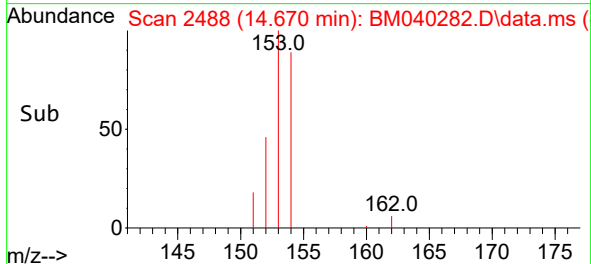
Instrument :
BNA_M
ClientSampleId :
DCFH5



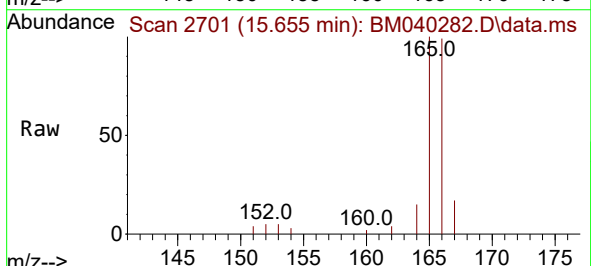
Tgt Ion:153 Resp: 8772
Ion Ratio Lower Upper
153 100
152 51.7 40.3 60.5
154 86.5 70.5 105.7

Manual Integrations
APPROVED

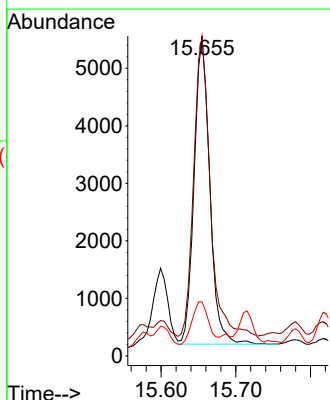
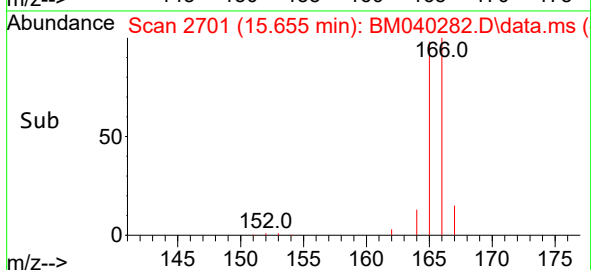
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

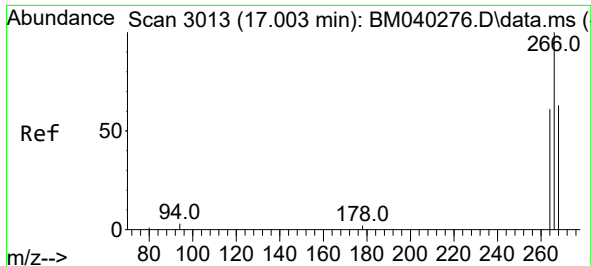


#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56



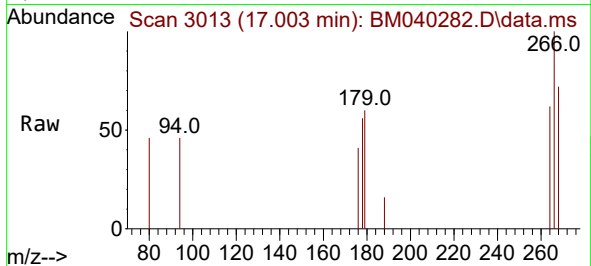
Tgt Ion:166 Resp: 7747
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.4
167 17.1 11.0 16.4#





#14
Pentachlorophenol
Concen: 0.135 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

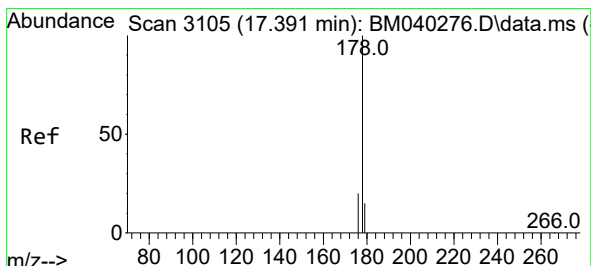
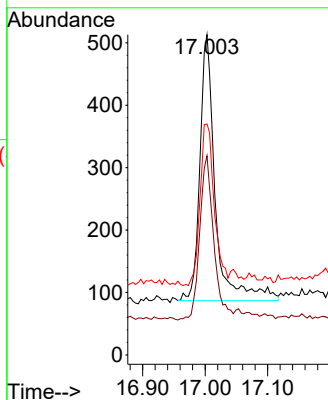
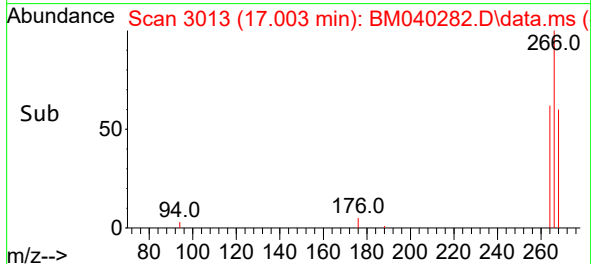
Instrument :
BNA_M
ClientSampleId :
DCFH5



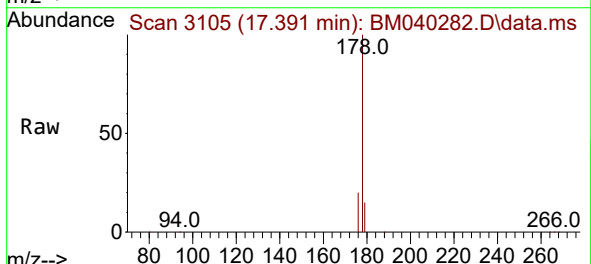
Tgt Ion:266 Resp: 730
Ion Ratio Lower Upper
266 100
264 56.2 49.4 74.0
268 56.2 51.3 76.9

Manual Integrations
APPROVED

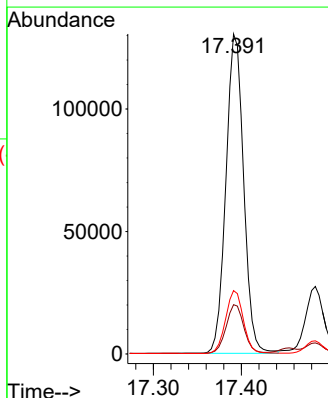
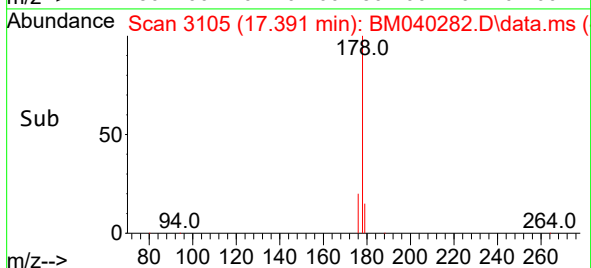
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

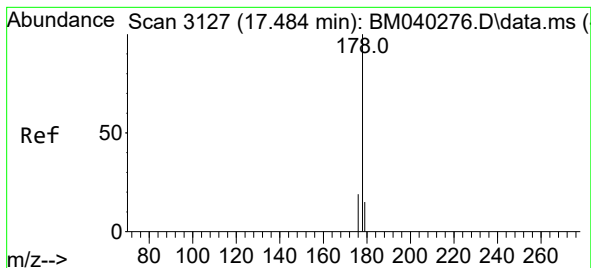


#15
Phenanthrene
Concen: 2.613 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56



Tgt Ion:178 Resp: 182463
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 16.1 24.1





#16

Anthracene

Concen: 0.627 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040282.D

Acq: 16 Jun 2023 15:56

Instrument :

BNA_M

ClientSampleId :

DCFH5

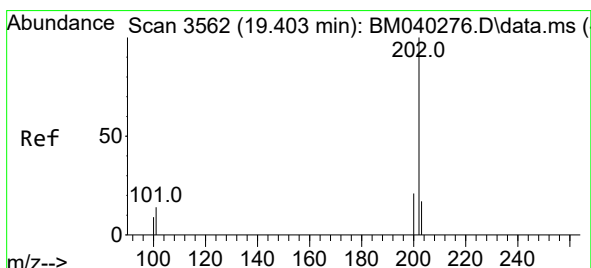
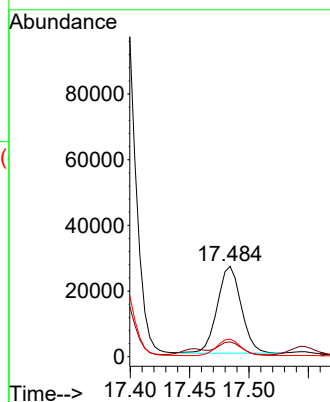
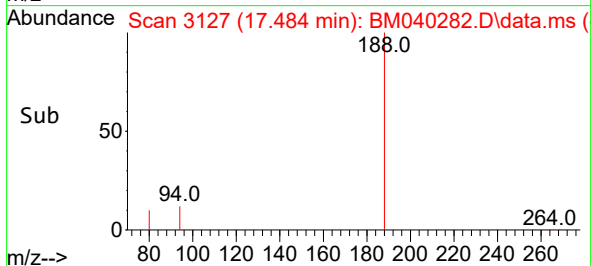
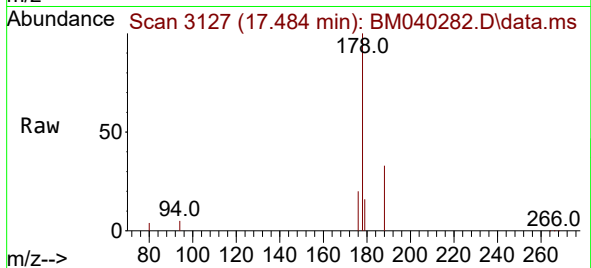
Tgt Ion:178	Resp:	37090
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.0 19.4
176	19.5	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#19

Fluoranthene

Concen: 6.385 ng/ul

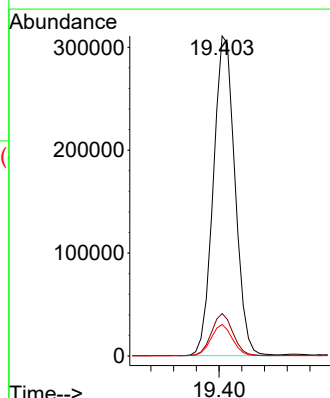
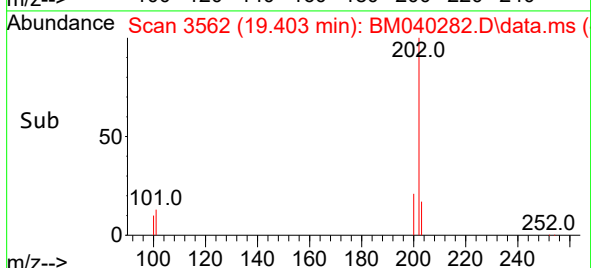
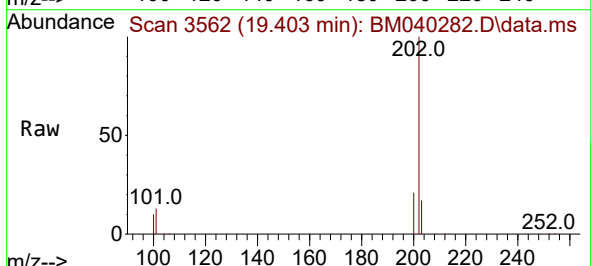
RT: 19.403 min Scan# 3562

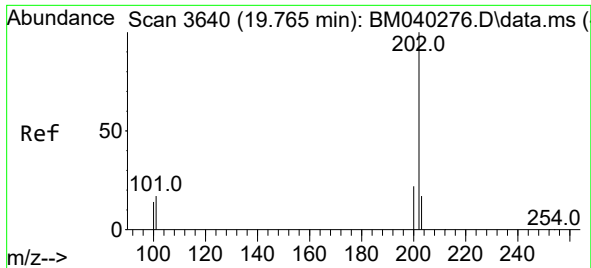
Delta R.T. -0.005 min

Lab File: BM040282.D

Acq: 16 Jun 2023 15:56

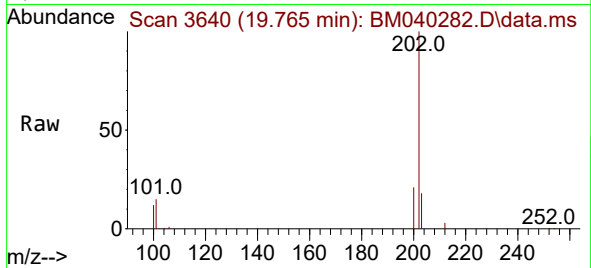
Tgt Ion:202	Resp:	410369
Ion Ratio	Lower	Upper
202	100	
101	13.3	10.2 15.4
100	9.8	7.6 11.4





#20
Pyrene
Concen: 5.164 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

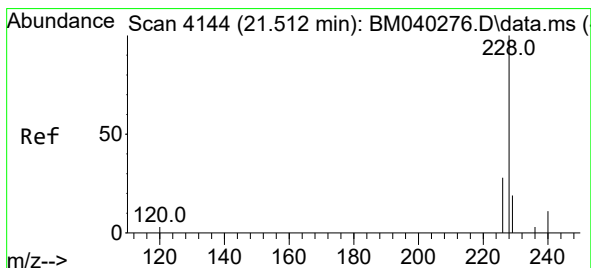
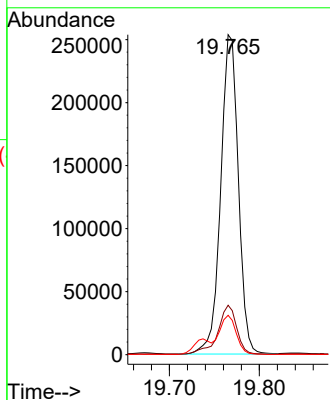
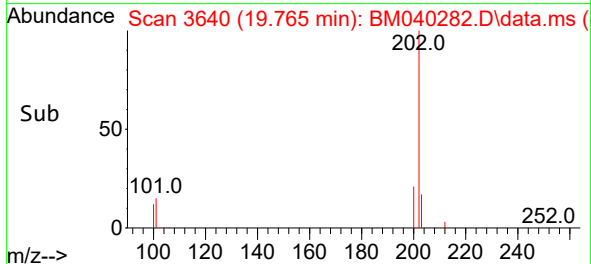
Instrument :
BNA_M
ClientSampleId :
DCFH5



Tgt Ion:202 Resp: 344840
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.3 9.3 13.9

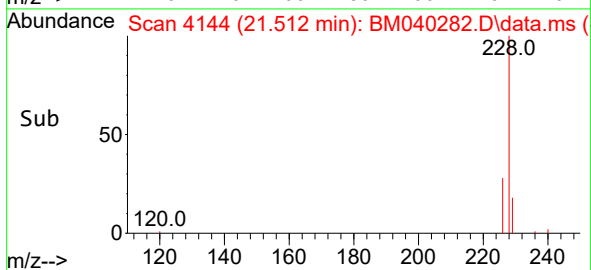
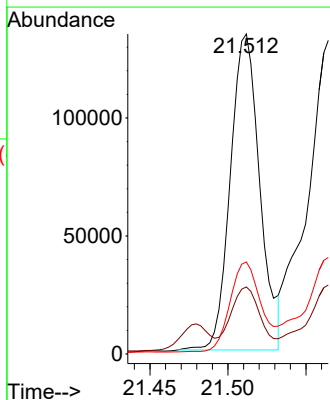
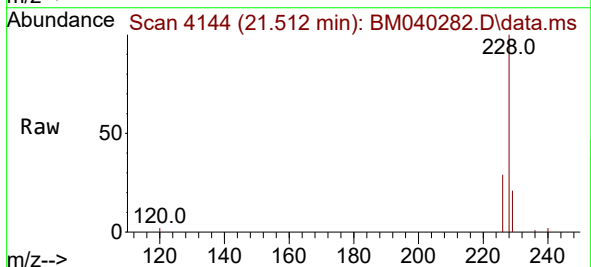
Manual Integrations
APPROVED

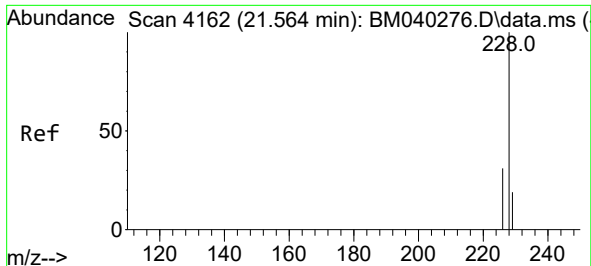
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#21
Benzo(a)anthracene
Concen: 3.156 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

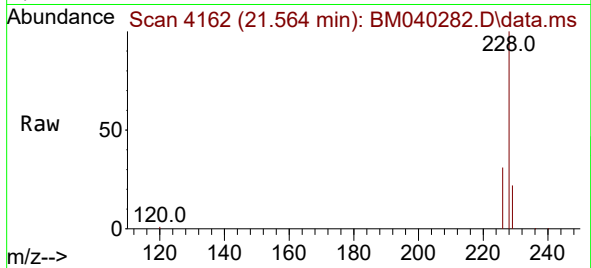
Tgt Ion:228 Resp: 175749
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 28.7 22.0 33.0





#22
Chrysene
Concen: 3.575 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

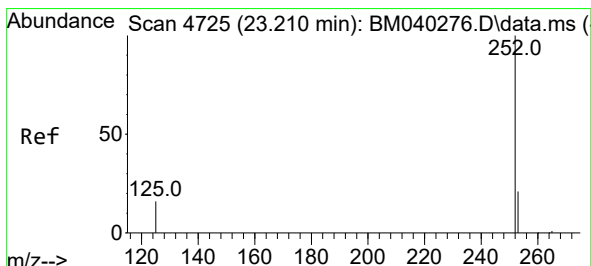
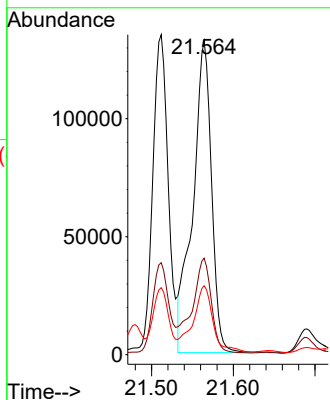
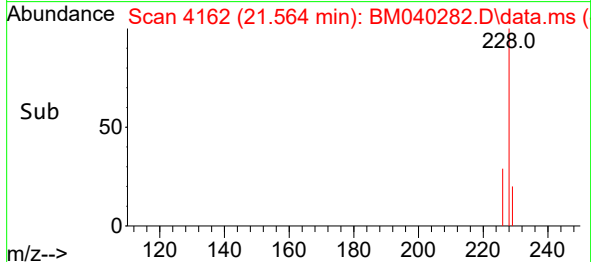
Instrument :
BNA_M
ClientSampleId :
DCFH5



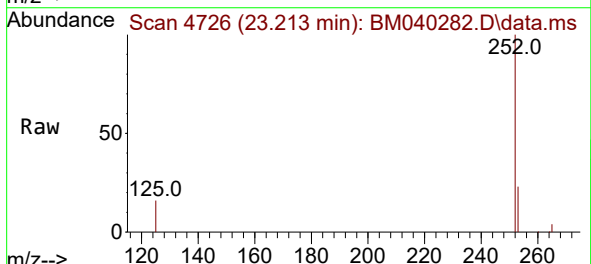
Tgt Ion:228 Resp: 210344
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.0 15.7 23.5

Manual Integrations
APPROVED

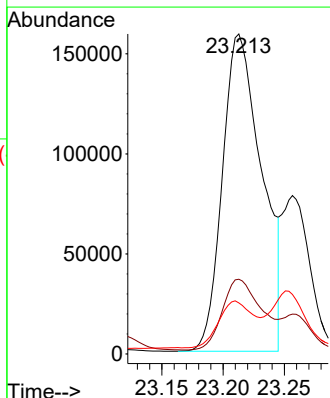
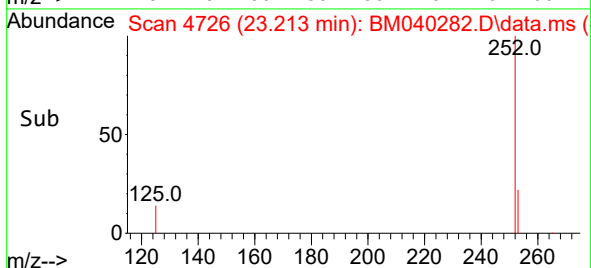
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

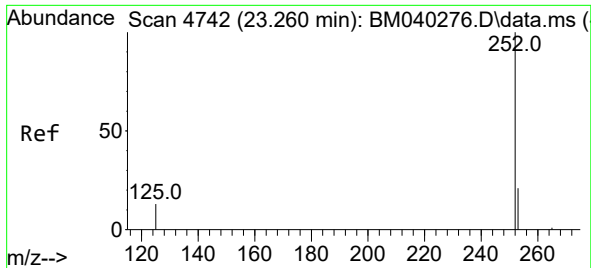


#24
Benzo(b)fluoranthene
Concen: 4.774 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56



Tgt Ion:252 Resp: 354813
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.4
125 16.0 0.0 38.4





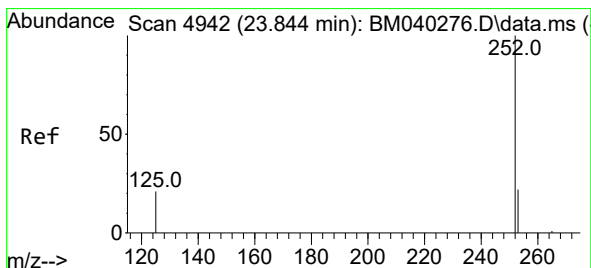
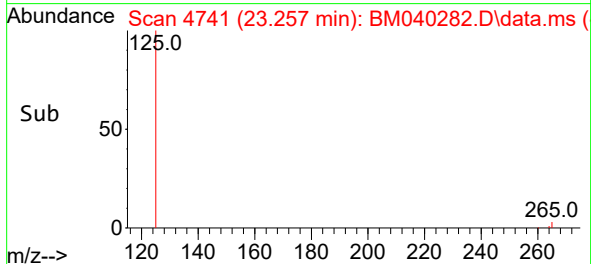
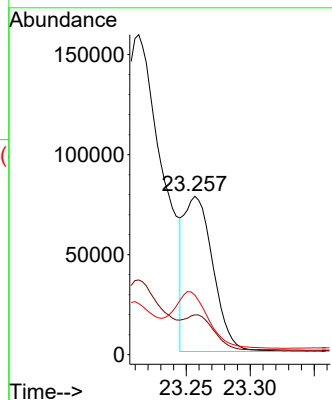
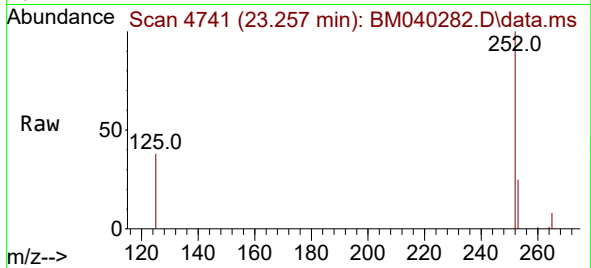
#25
Benzo(k)fluoranthene
Concen: 1.743 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:252 Resp: 122019
Ion Ratio Lower Upper
252 100
253 25.1 21.5 32.3
125 37.6 14.7 22.1

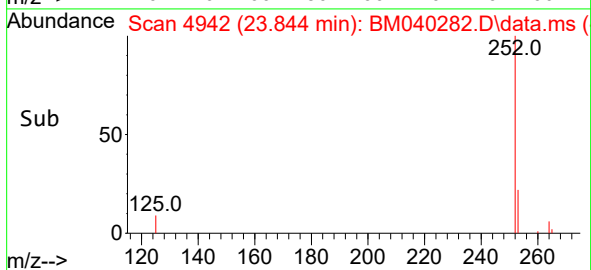
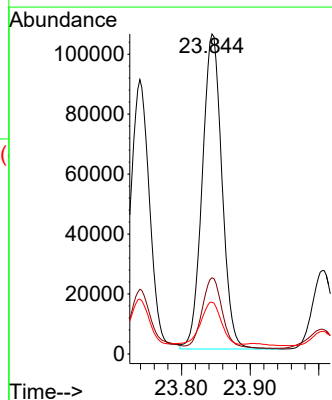
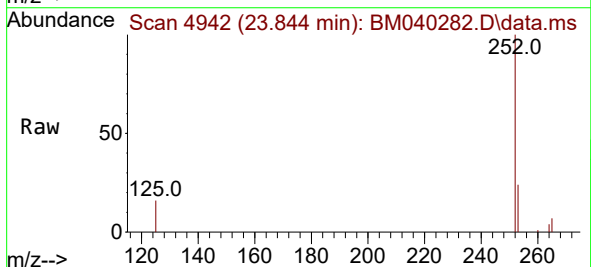
Manual Integrations
APPROVED

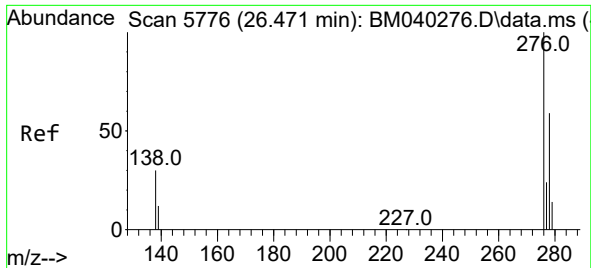
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
Benzo(a)pyrene
Concen: 3.440 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

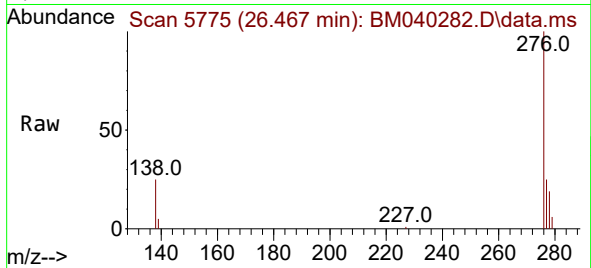
Tgt Ion:252 Resp: 209795
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 16.1 19.7 29.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.468 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

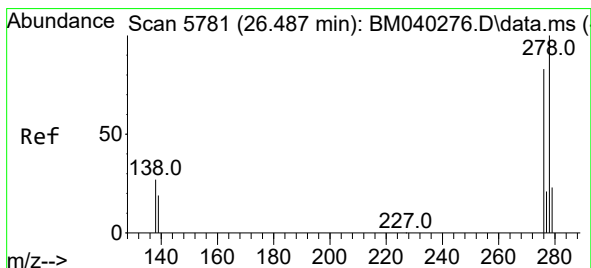
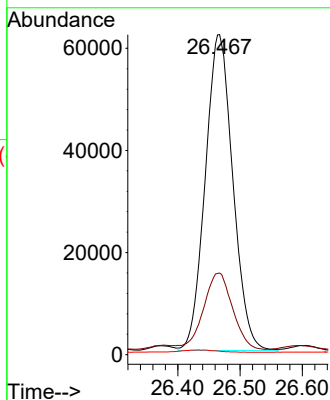
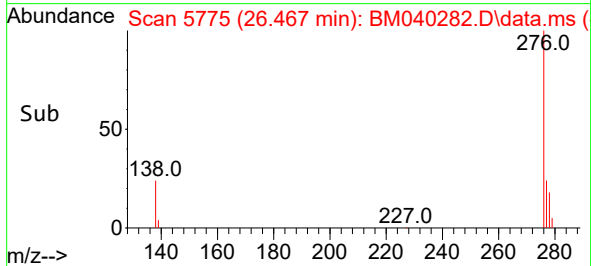
Instrument :
BNA_M
ClientSampleId :
DCFH5



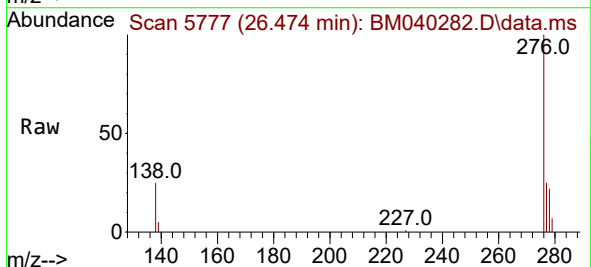
Tgt Ion:276 Resp: 19053
Ion Ratio Lower Upper
276 100
138 25.2 23.3 34.9
227 0.0 0.1 0.1

Manual Integrations
APPROVED

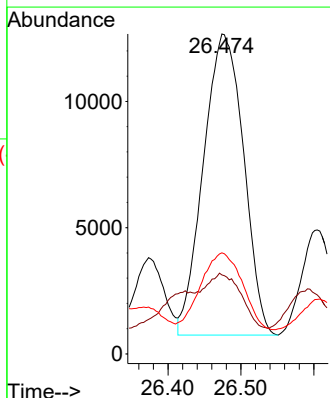
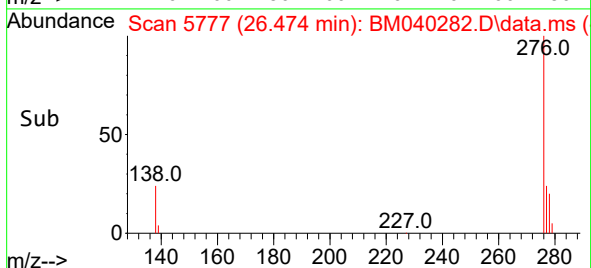
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

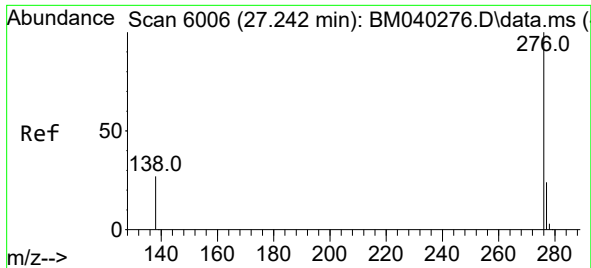


#28
Dibenzo(a,h)anthracene
Concen: 0.737 ng/ul
RT: 26.474 min Scan# 5777
Delta R.T. -0.024 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56



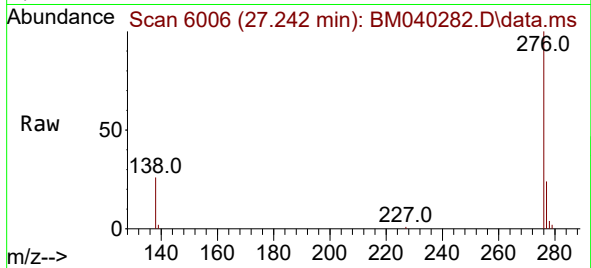
Tgt Ion:278 Resp: 45647
Ion Ratio Lower Upper
278 100
139 24.7 16.4 24.6#
279 31.6 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 2.678 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.014 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5



Tgt Ion:276 Resp: 172698
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.4
277 24.3 19.6 29.4

Manual Integrations
APPROVED

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

