

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040294.D
 Acq On : 16 Jun 2023 23:20
 Operator : MA/JU
 Sample : 03080-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH6DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 00:14:42 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	9379	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	32774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	15438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	26901	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18920	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	20332	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	8702	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1892	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	2713	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	5228	0.067	ng/ul#	92
7) 2-Methylnaphthalene	12.439	142	2643	0.055	ng/ul	96
8) 1-Methylnaphthalene	12.659	142	1602	0.032	ng/ul	97
10) Acenaphthylene	14.327	152	7509	0.139	ng/ul#	95
11) Acenaphthene	14.670	153	2280	0.049	ng/ul	96
12) Fluorene	15.655	166	1829	0.035	ng/ul#	93
15) Phenanthrene	17.391	178	51222	0.724	ng/ul	100
16) Anthracene	17.484	178	8732	0.146	ng/ul	95
19) Fluoranthene	19.403	202	134732	2.091	ng/ul	98
20) Pyrene	19.765	202	120982	1.807	ng/ul	98
21) Benzo(a)anthracene	21.509	228	56332	1.009	ng/ul	98
22) Chrysene	21.561	228	74068	1.256	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	125291	1.672	ng/ul	95
25) Benzo(k)fluoranthene	23.257	252	45571m	0.646	ng/ul	
26) Benzo(a)pyrene	23.841	252	81426	1.324	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.464	276	74214	0.953	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.477	278	17883	0.286	ng/ul#	89
29) Benzo(g,h,i)perylene	27.242	276	72966	1.122	ng/ul	99

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

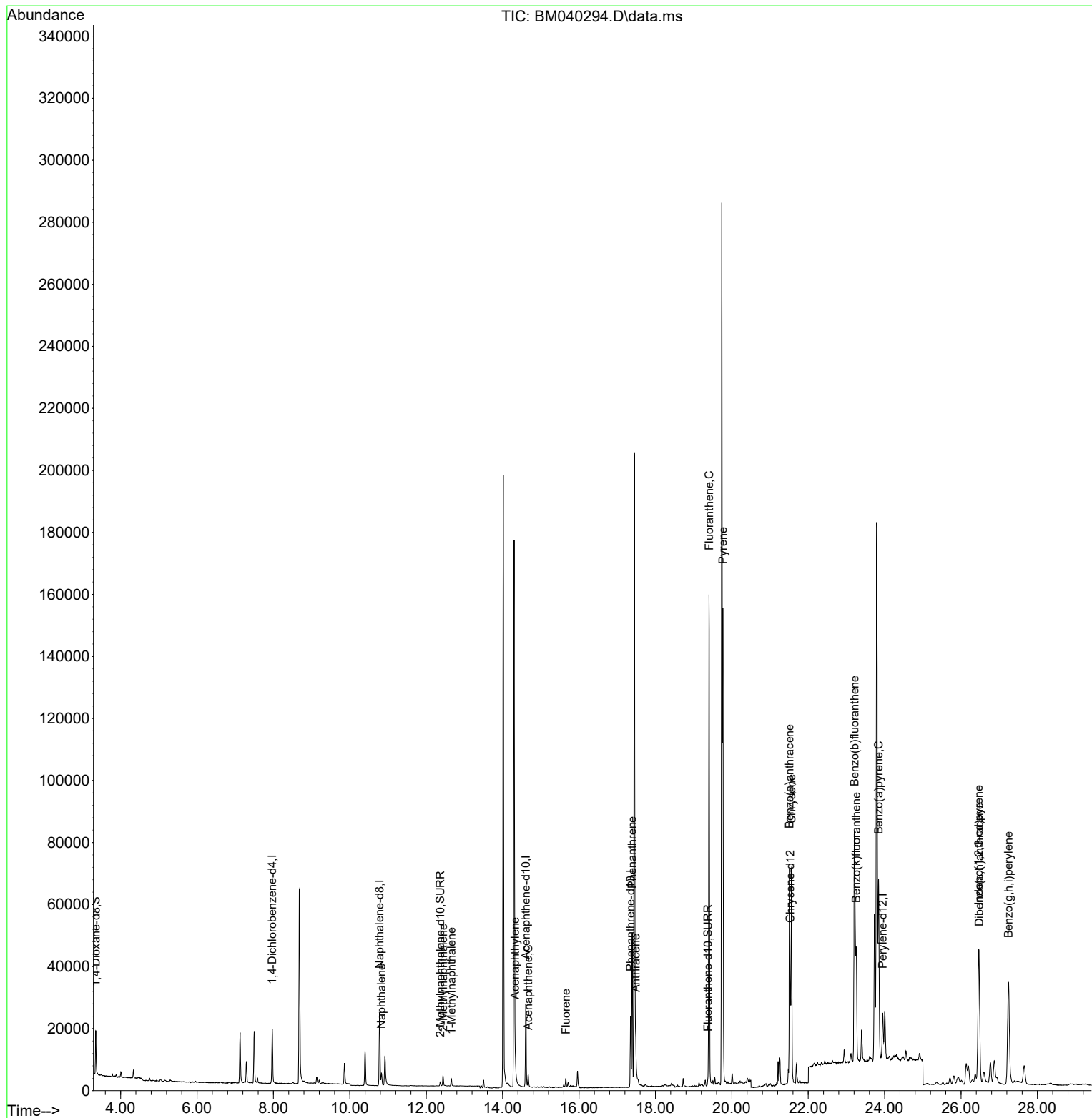
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040294.D
Acq On : 16 Jun 2023 23:20
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ALS Vial : 19 Sample Multiplier: 1

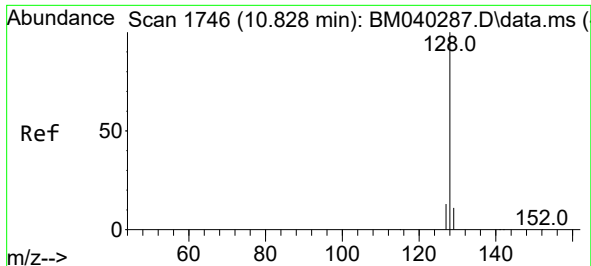
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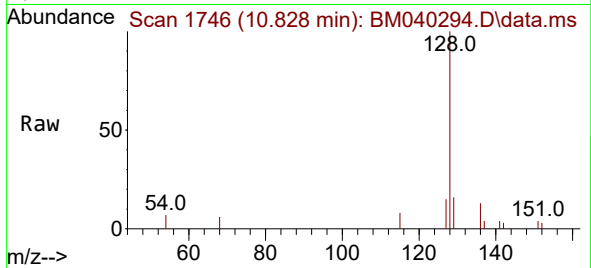
Quant Time: Jun 17 00:14:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
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#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

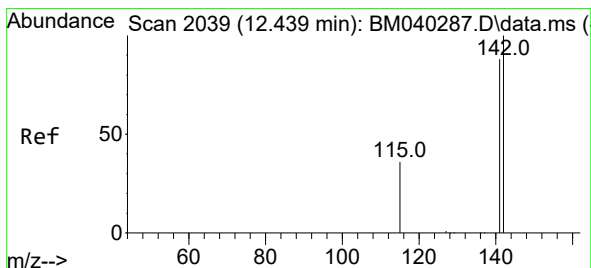
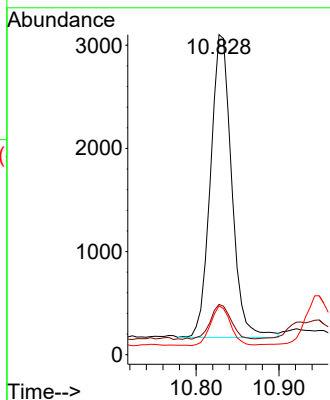
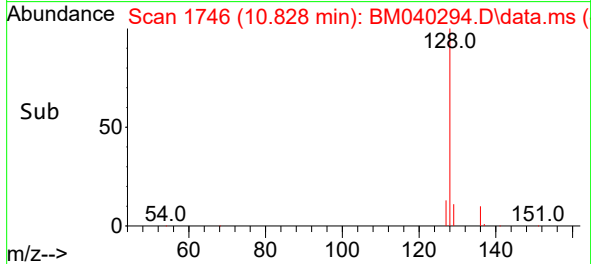
Instrument :
BNA_M
ClientSampleId :
DCFH6DL



Tgt Ion:128 Resp: 5228
Ion Ratio Lower Upper
128 100
129 15.7 9.1 13.7
127 15.2 10.4 15.6

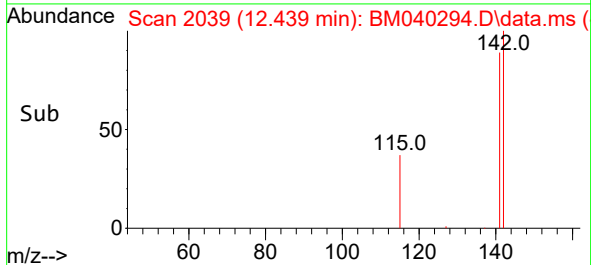
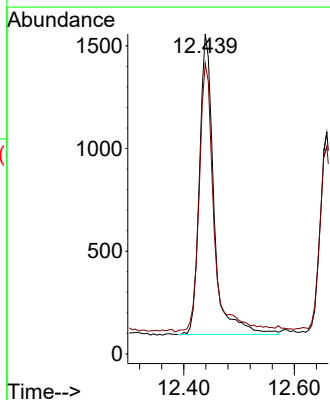
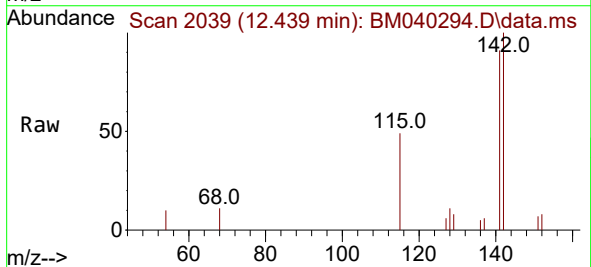
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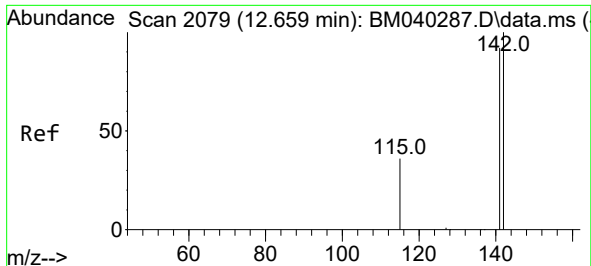
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

Tgt Ion:142 Resp: 2643
Ion Ratio Lower Upper
142 100
141 92.4 70.6 106.0





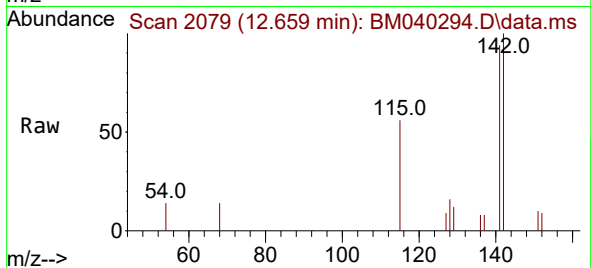
#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

DCFH6DL

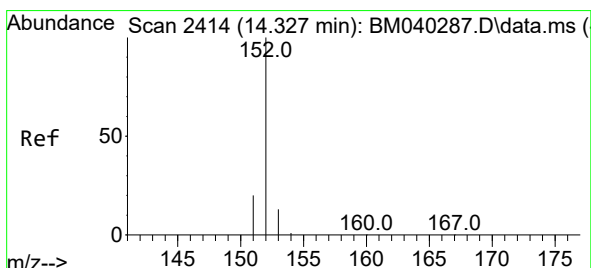
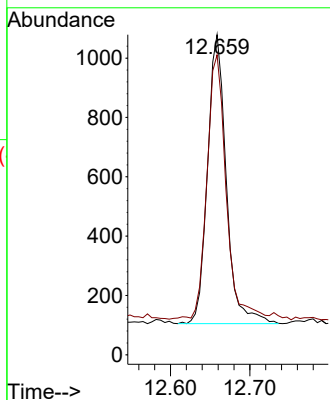
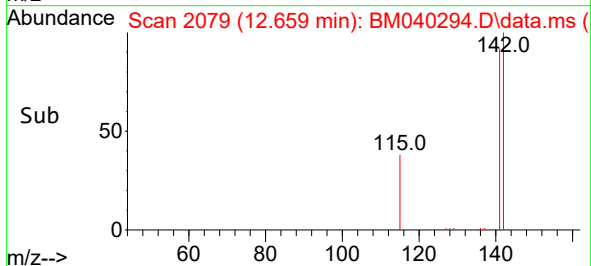


Tgt Ion:142 Resp: 1602
Ion Ratio Lower Upper
142 100
141 93.9 73.0 109.4

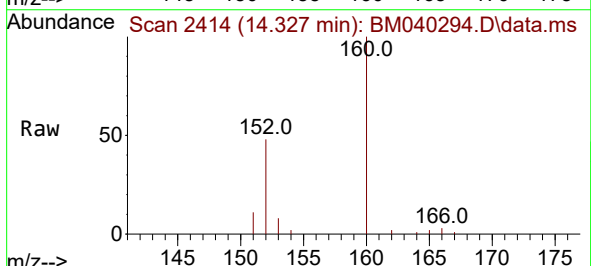
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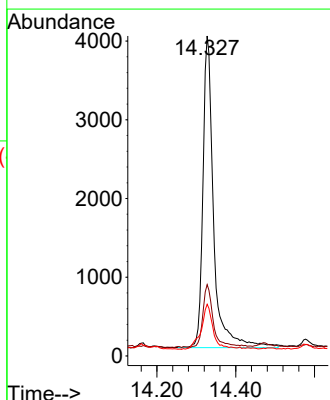
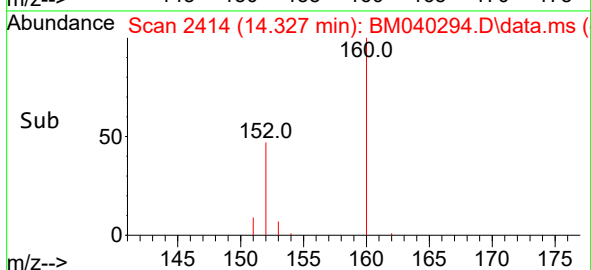
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Supervised By :mohammad ahmed 06/20/2023

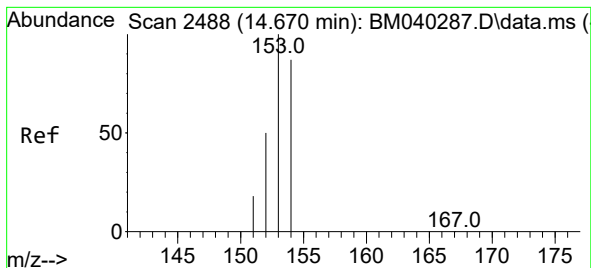


#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



Tgt Ion:152 Resp: 7509
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 16.2 10.7 16.1#





#11

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.670 min Scan# 2488

Delta R.T. -0.005 min

Lab File: BM040294.D

Acq: 16 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

DCFH6DL

Tgt Ion:153 Resp: 2280

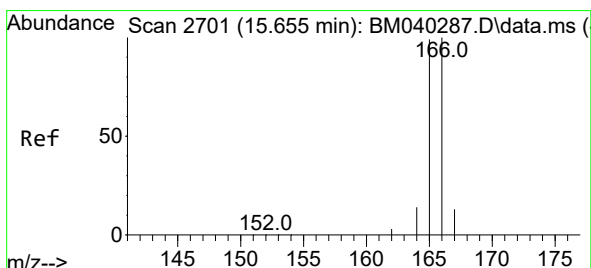
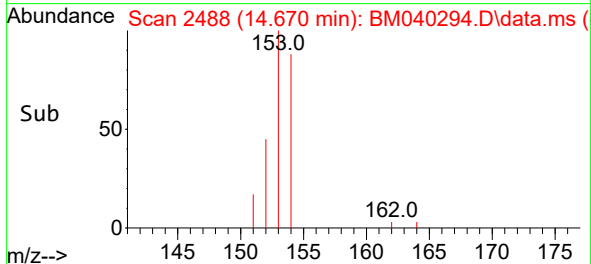
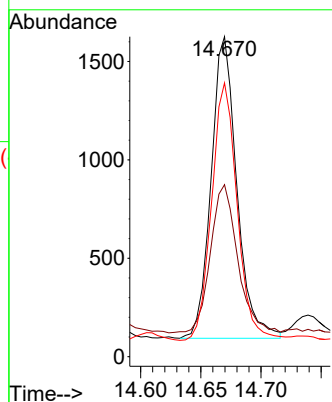
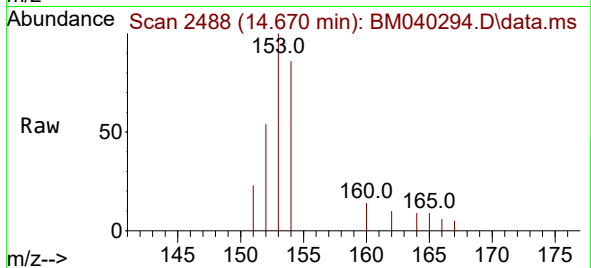
Ion	Ratio	Lower	Upper
153	100		
152	53.8	40.3	60.5
154	85.5	70.5	105.7

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Supervised By :mohammad ahmed 06/20/2023



#12

Fluorene

Concen: 0.035 ng/ul

RT: 15.655 min Scan# 2701

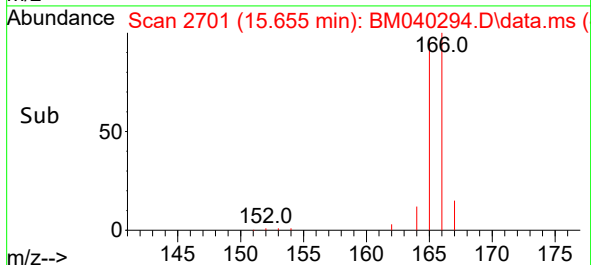
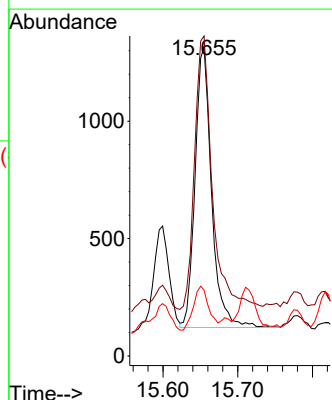
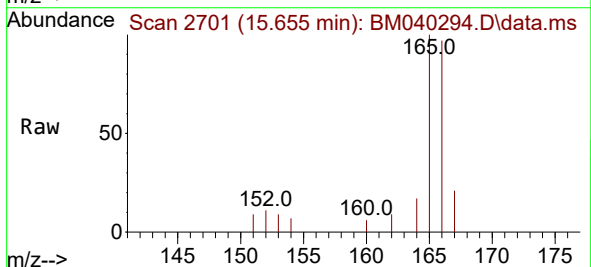
Delta R.T. -0.005 min

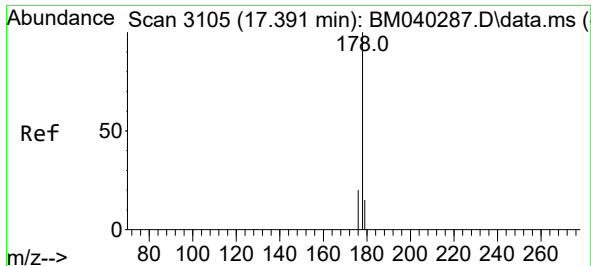
Lab File: BM040294.D

Acq: 16 Jun 2023 23:20

Tgt Ion:166 Resp: 1829

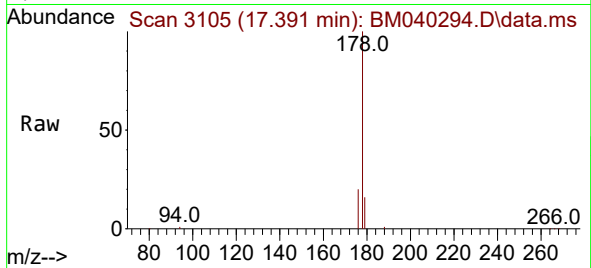
Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.2	117.4
167	21.4	11.0	16.4





#15
Phenanthrene
Concen: 0.724 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

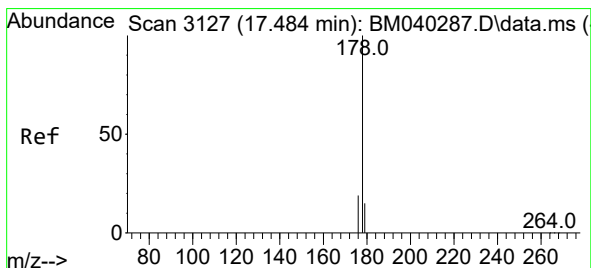
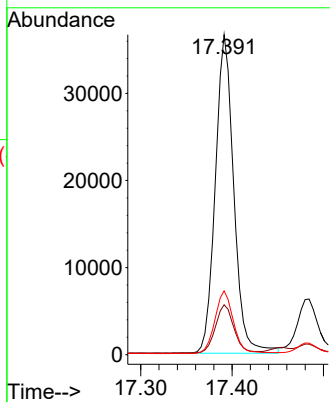
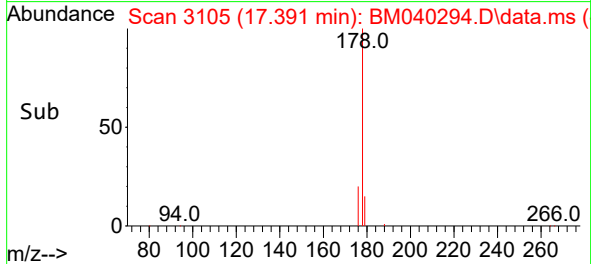
Instrument :
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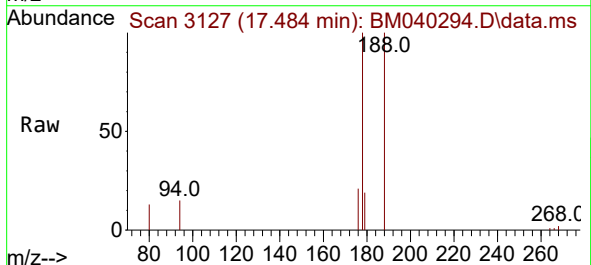
Tgt Ion:178 Resp: 5122
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.9 16.1 24.1

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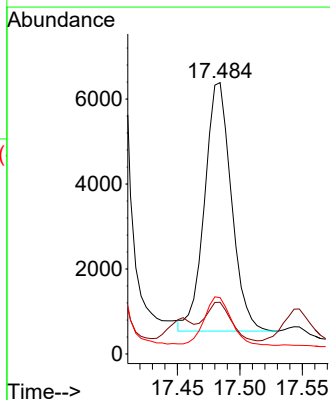
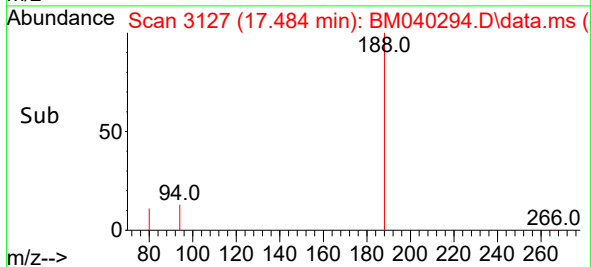
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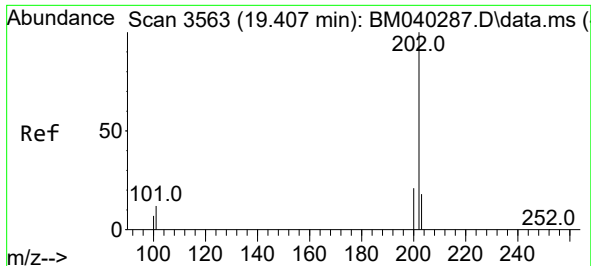


#16
Anthracene
Concen: 0.146 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



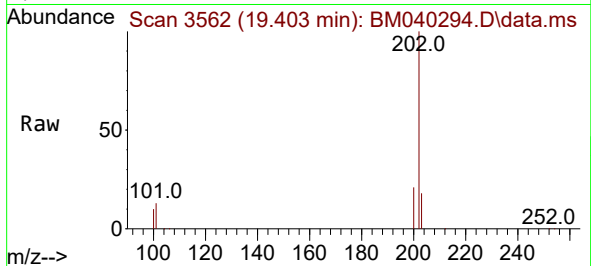
Tgt Ion:178 Resp: 8732
Ion Ratio Lower Upper
178 100
179 19.1 13.0 19.4
176 20.7 15.5 23.3





#19
Fluoranthene
Concen: 2.091 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

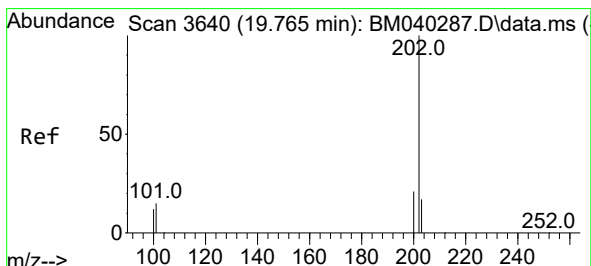
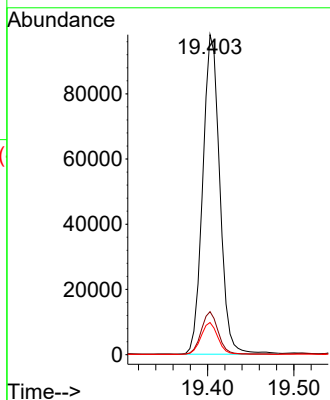
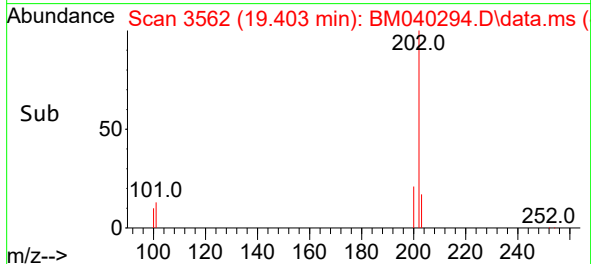
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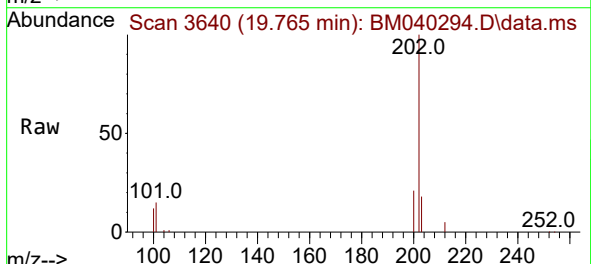
Tgt Ion:202 Resp: 134732
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.4
100 10.1 7.6 11.4

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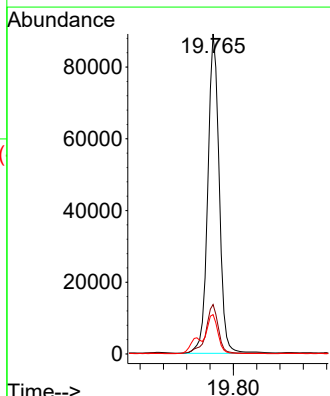
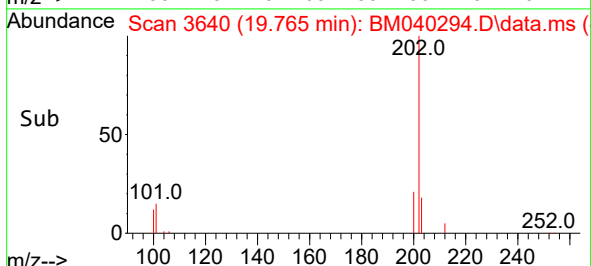
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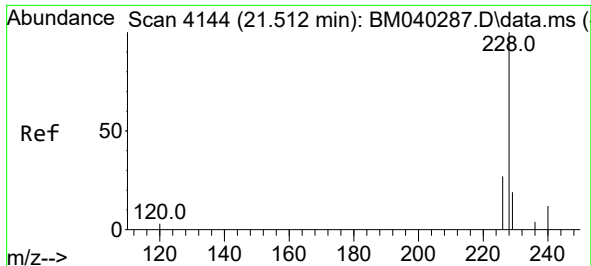


#20
Pyrene
Concen: 1.807 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



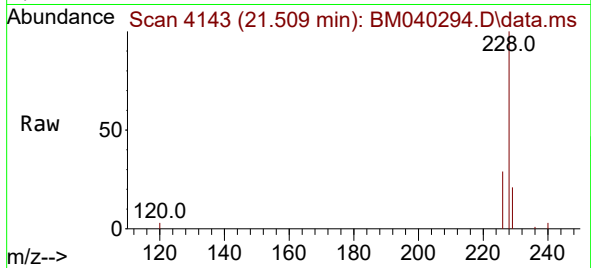
Tgt Ion:202 Resp: 120982
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.3 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.009 ng/ul
RT: 21.509 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

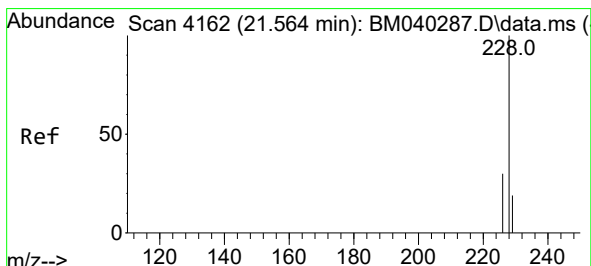
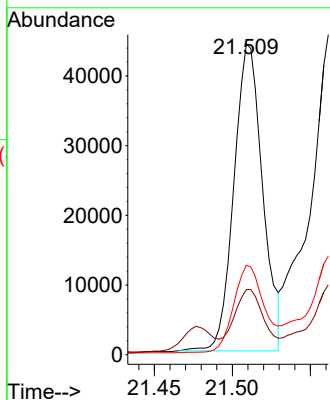
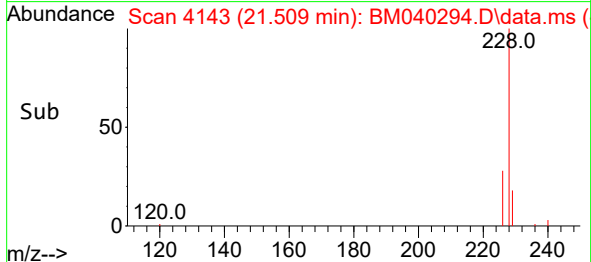
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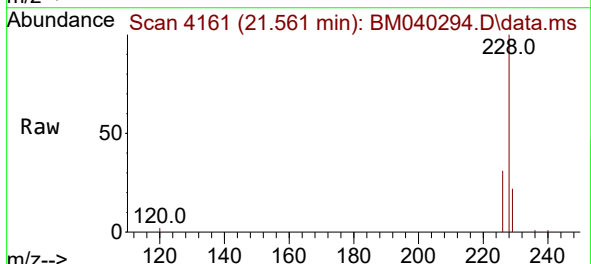
Tgt Ion:228 Resp: 5633
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.8 22.0 33.0

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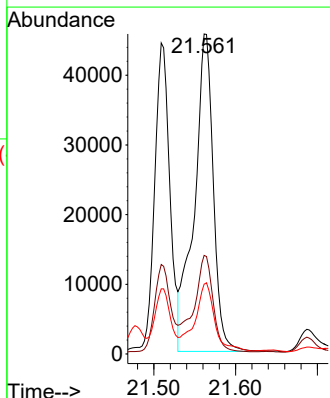
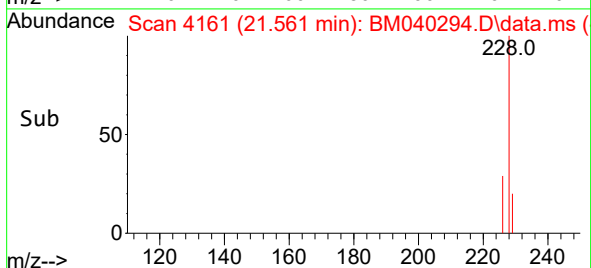
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

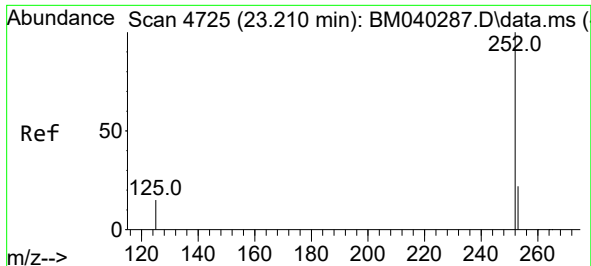


#22
Chrysene
Concen: 1.256 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



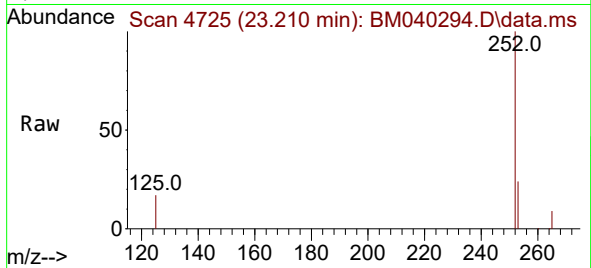
Tgt Ion:228 Resp: 74068
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.672 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

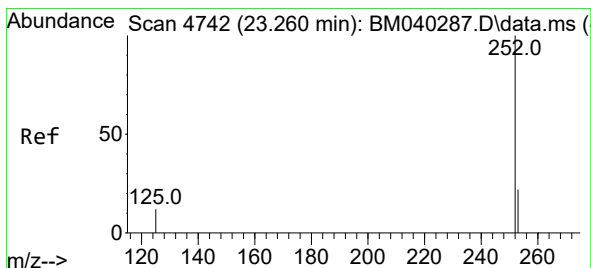
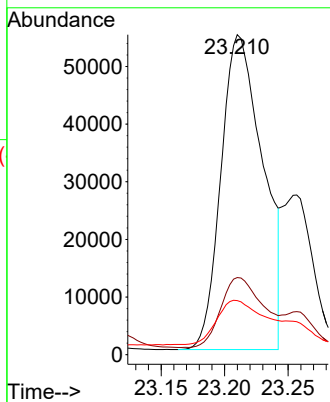
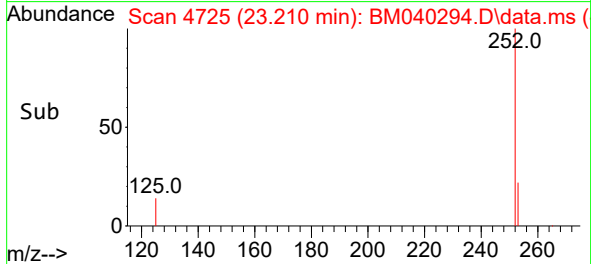
Instrument :
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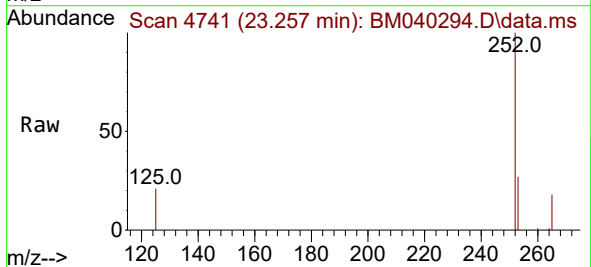
Tgt Ion:252 Resp: 12529
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.4
125 16.9 0.0 38.4

Manual Integrations
APPROVED

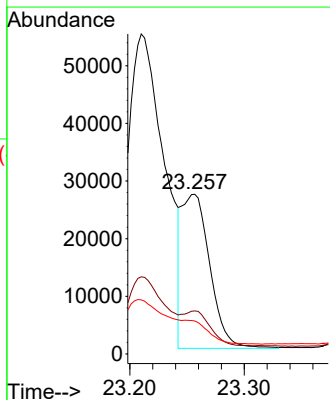
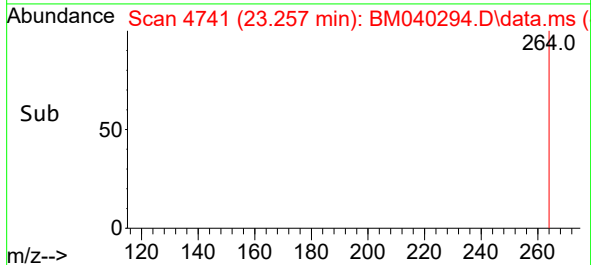
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

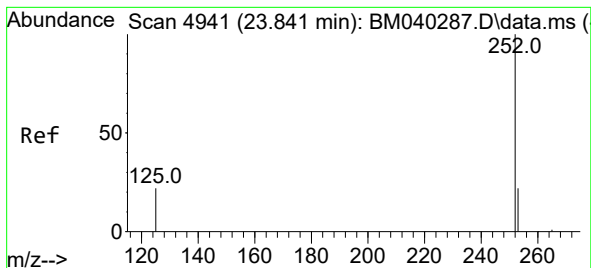


#25
Benzo(k)fluoranthene
Concen: 0.646 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



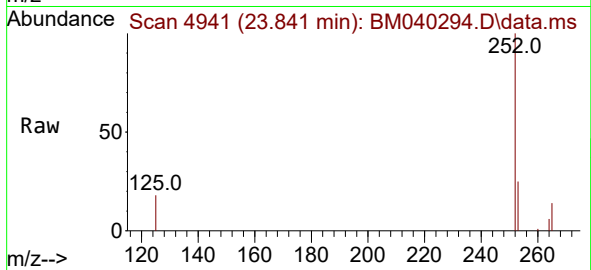
Tgt Ion:252 Resp: 45571
Ion Ratio Lower Upper
252 100
253 26.9 21.5 32.3
125 20.7 14.7 22.1





#26
Benzo(a)pyrene
Concen: 1.324 ng/ul
RT: 23.841 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20

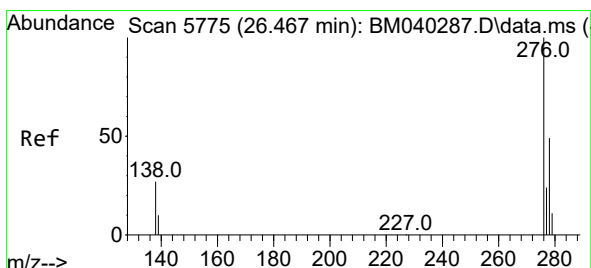
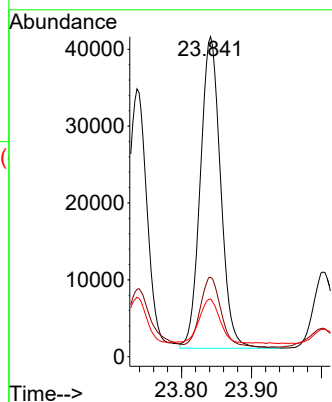
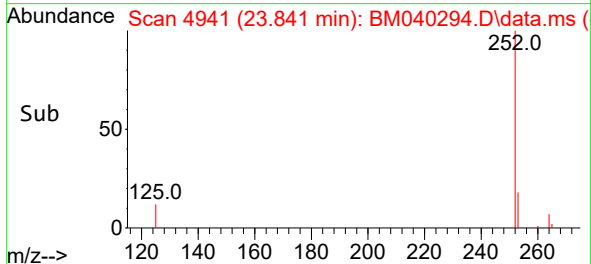
Instrument :
BNA_M
ClientSampleId :
DCFH6DL



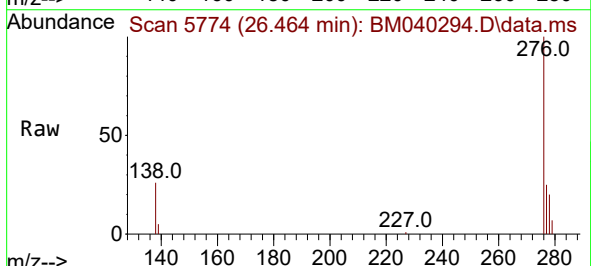
Tgt Ion:252 Resp: 81420
Ion Ratio Lower Upper
252 100
253 24.9 23.4 35.0
125 18.0 19.7 29.5

Manual Integrations
APPROVED

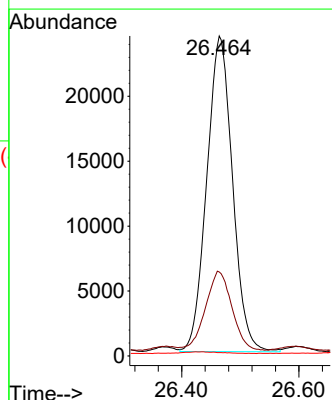
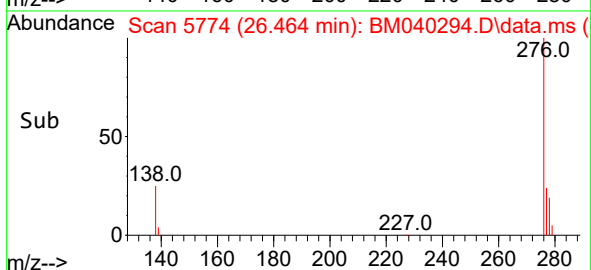
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

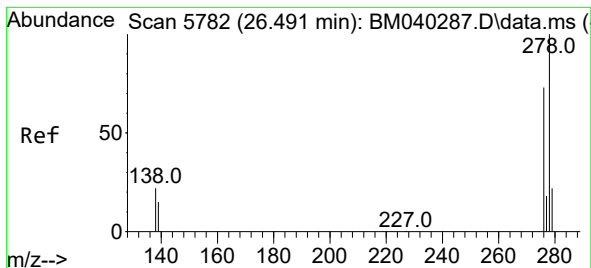


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.953 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040294.D
Acq: 16 Jun 2023 23:20



Tgt Ion:276 Resp: 74214
Ion Ratio Lower Upper
276 100
138 25.6 23.3 34.9
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.286 ng/ul

RT: 26.477 min Scan# 5778

Delta R.T. -0.020 min

Lab File: BM040294.D

Acq: 16 Jun 2023 23:20

Instrument :

BNA_M

ClientSampleId :

DCFH6DL

Tgt Ion:278 Resp: 1788

Ion Ratio Lower Upper

278 100

139 25.1 16.4 24.6

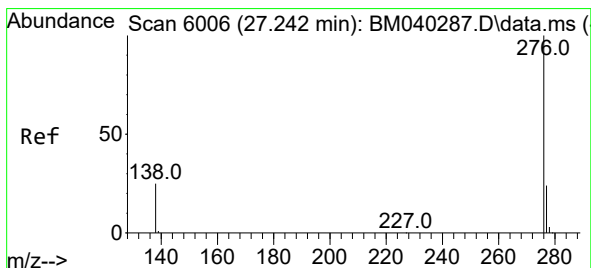
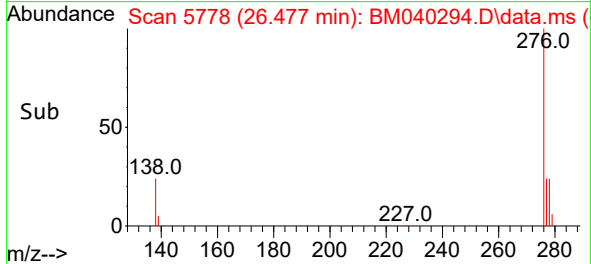
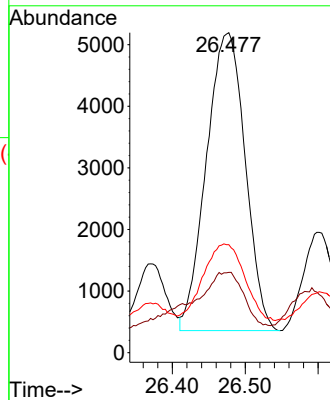
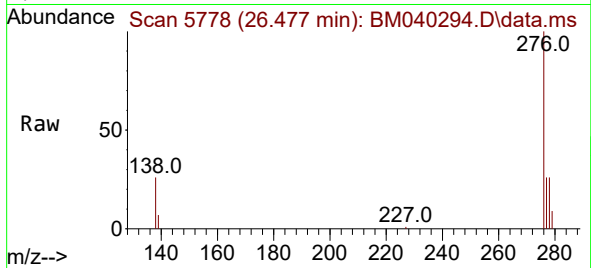
279 33.7 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#29

Benzo(g,h,i)perylene

Concen: 1.122 ng/ul

RT: 27.242 min Scan# 6006

Delta R.T. -0.013 min

Lab File: BM040294.D

Acq: 16 Jun 2023 23:20

Tgt Ion:276 Resp: 72966

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

277 24.8 19.6 29.4

