

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035088.D
 Acq On : 15 May 2022 05:22
 Operator : CG/JU
 Sample : N2632-09DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 16 00:55:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2664	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	8152	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	5700	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13468	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	14685	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	14200	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	1869	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	592	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	1933	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	1236	0.046	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	465	0.026	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	384	0.023	ng/ul	95
10) Acenaphthylene	14.270	152	1918	0.057	ng/ul	99
11) Acenaphthene	14.612	153	3410	0.140	ng/ul	95
12) Fluorene	15.598	166	3944	0.138	ng/ul	99
15) Phenanthrene	17.330	178	69202	1.349	ng/ul	93
16) Anthracene	17.423	178	16905	0.362	ng/ul#	91
19) Fluoranthene	19.350	202	151365	1.835	ng/ul#	91
20) Pyrene	19.708	202	128638	1.536	ng/ul	97
21) Benzo(a)anthracene	21.453	228	71856	1.057	ng/ul	98
22) Chrysene	21.506	228	67492	0.954	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	93030	1.249	ng/ul	87
25) Benzo(k)fluoranthene	23.178	252	27101m	0.381	ng/ul	
26) Benzo(a)pyrene	23.751	252	61162	0.903	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.323	276	36140	0.539	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.336	278	8454	0.159	ng/ul#	93
29) Benzo(g,h,i)perylene	27.081	276	28043	0.486	ng/ul	96

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

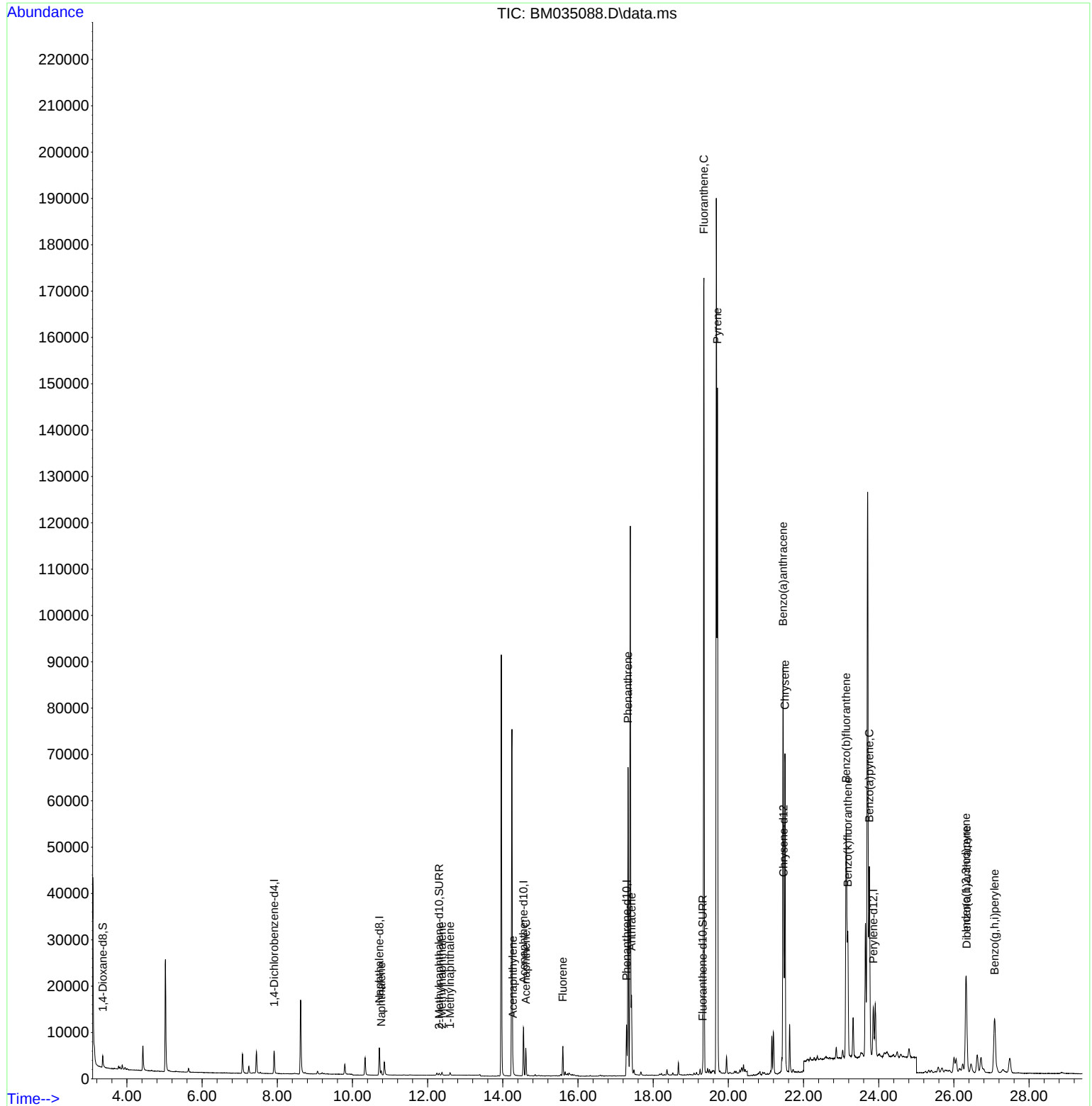
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035088.D
Acq On : 15 May 2022 05:22
Operator : CG/JU
Sample : N2632-09DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

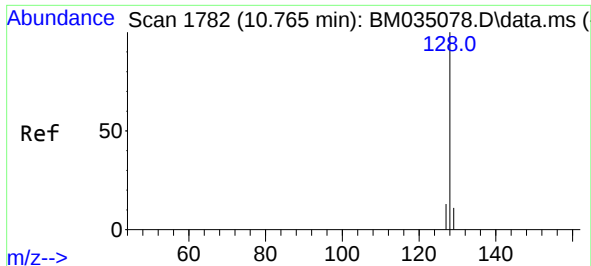
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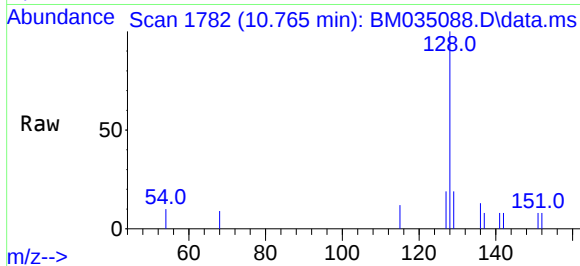
Quant Time: May 16 00:55:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

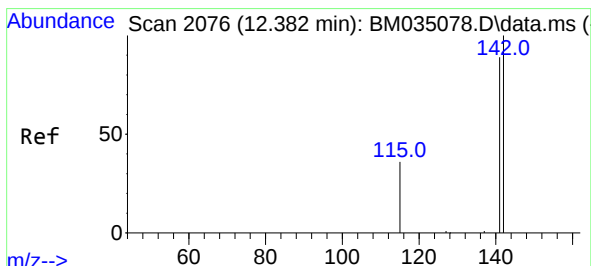
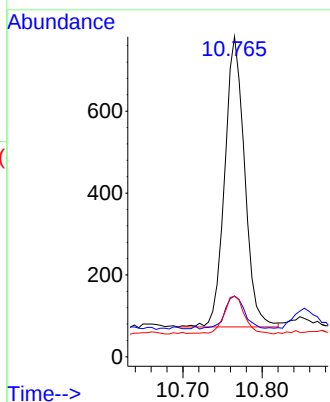
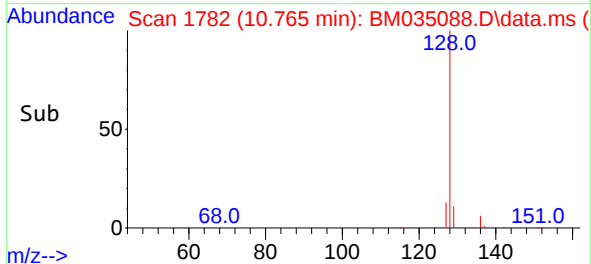
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



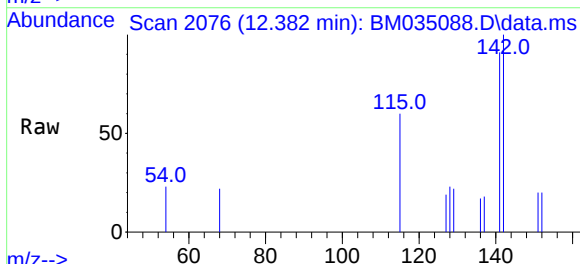
Tgt Ion:128 Resp: 1230
Ion Ratio Lower Upper
128 100
129 19.1 13.4 20.2
127 18.9 15.2 22.8

Manual Integrations
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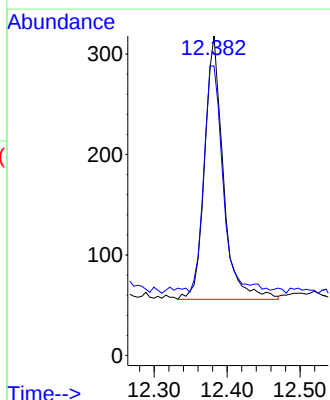
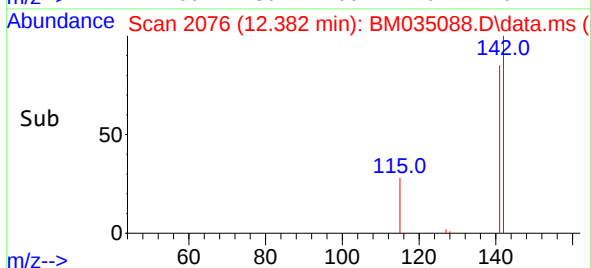
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

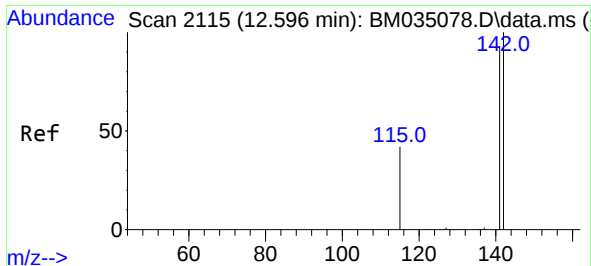


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



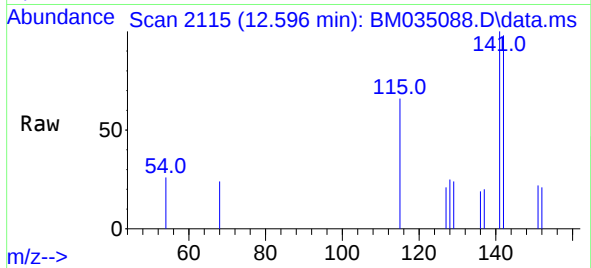
Tgt Ion:142 Resp: 465
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

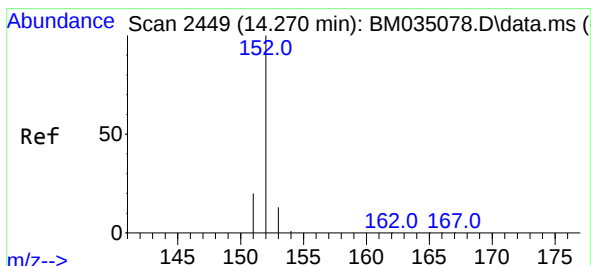
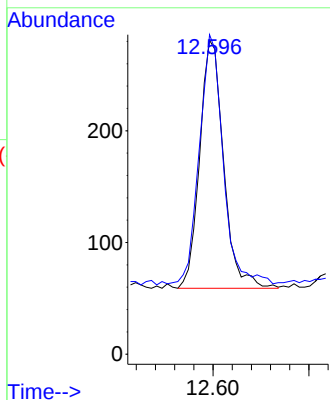
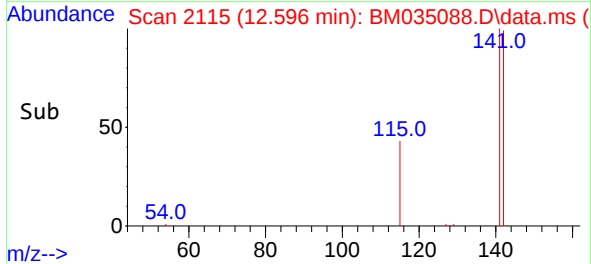
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



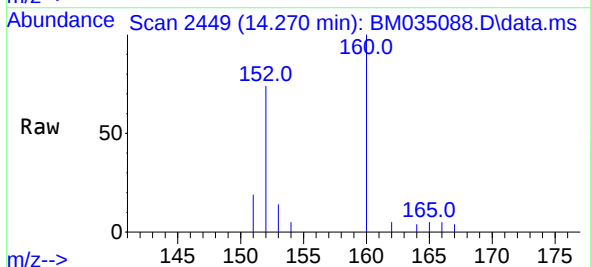
Tgt Ion:142 Resp: 384
Ion Ratio Lower Upper
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141 99.0 75.0 112.4

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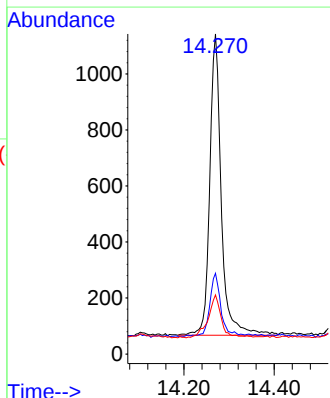
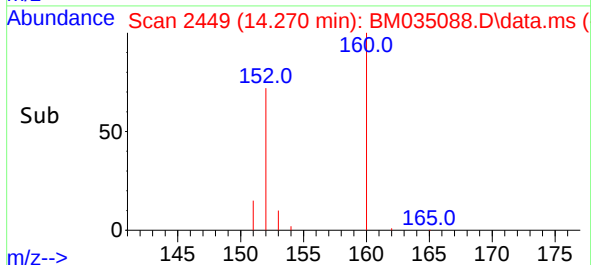
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

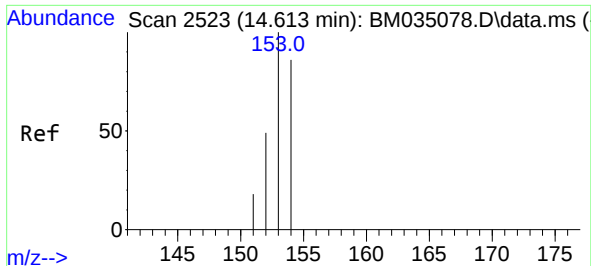


#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



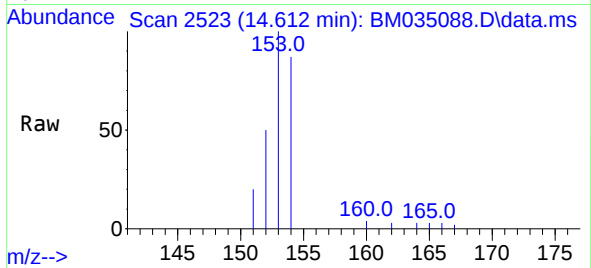
Tgt Ion:152 Resp: 1918
Ion Ratio Lower Upper
152 100
151 25.2 19.9 29.9
153 18.5 15.0 22.4





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

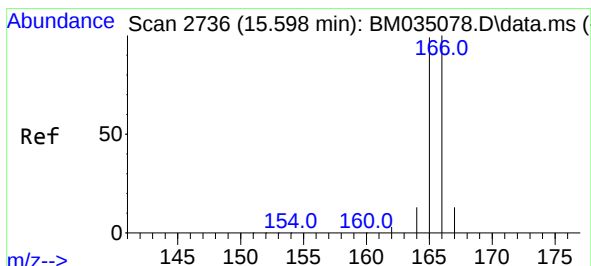
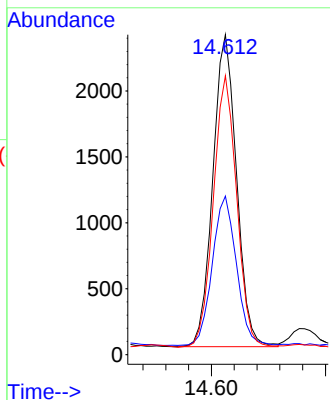
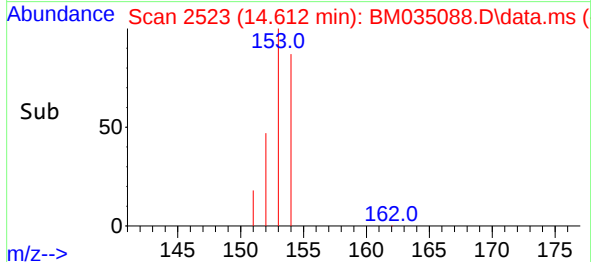
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



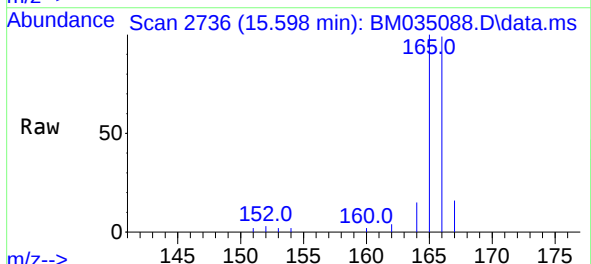
Tgt Ion:153 Resp: 3410
Ion Ratio Lower Upper
153 100
152 49.5 42.4 63.6
154 87.1 66.2 99.2

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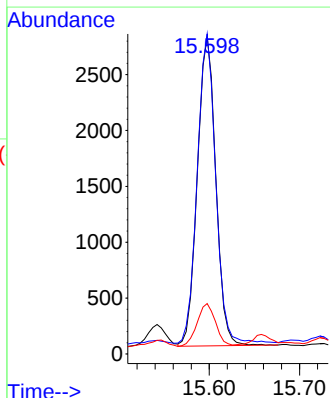
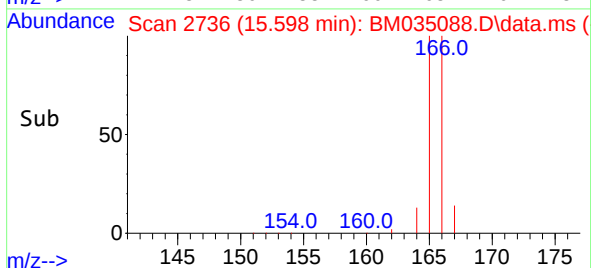
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

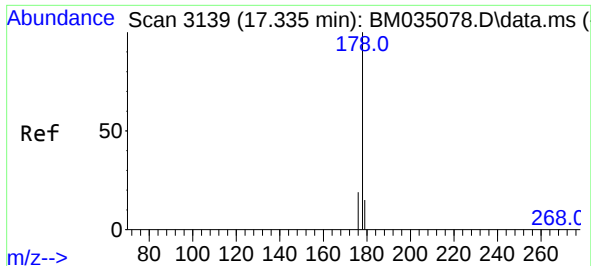


#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



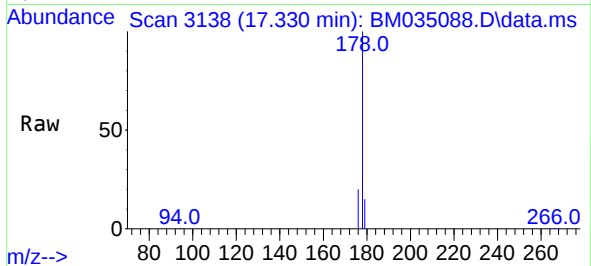
Tgt Ion:166 Resp: 3944
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 15.9 14.9 22.3





#15
Phenanthrene
Concen: 1.349 ng/u1
RT: 17.330 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

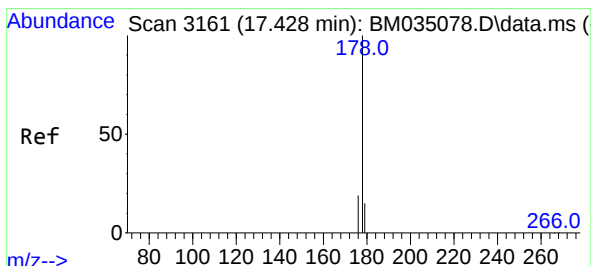
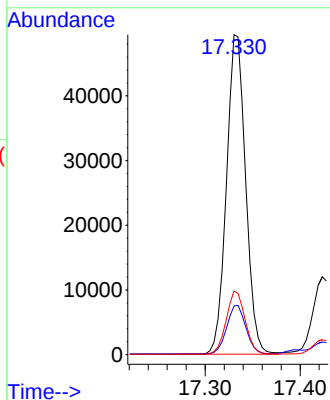
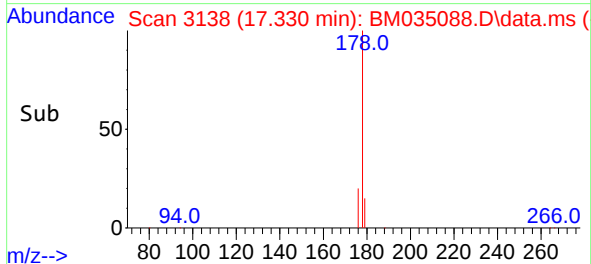
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



Tgt Ion:178 Resp: 69202
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.8 17.9 26.9

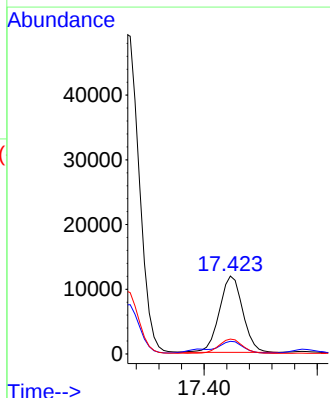
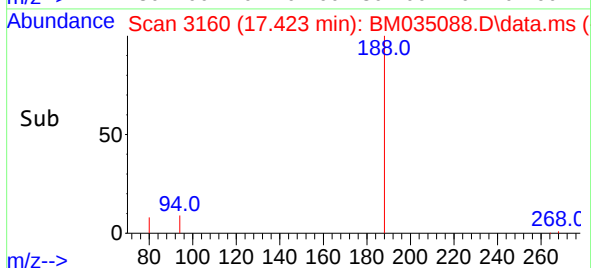
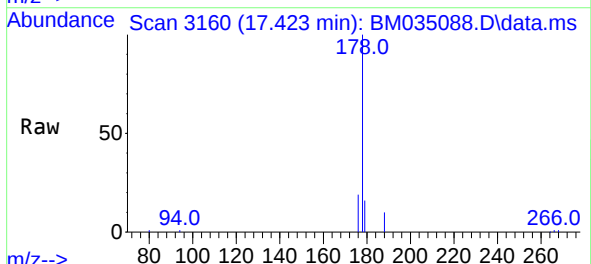
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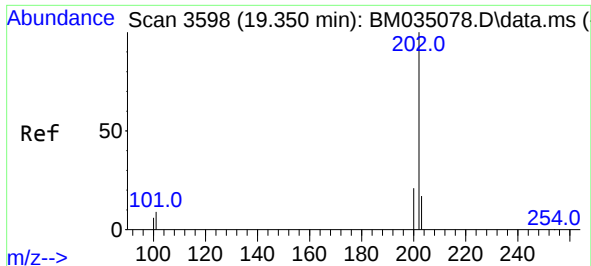
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#16
Anthracene
Concen: 0.362 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

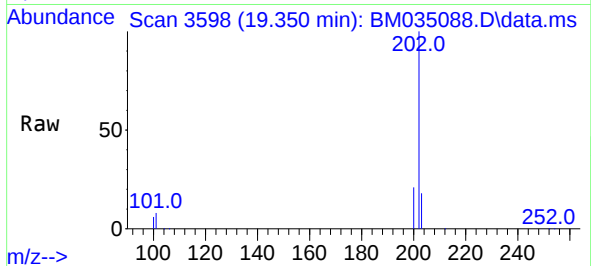
Tgt Ion:178 Resp: 16905
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 1.835 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

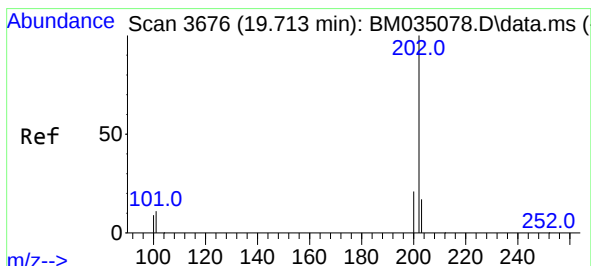
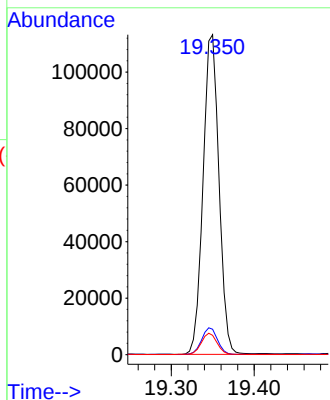
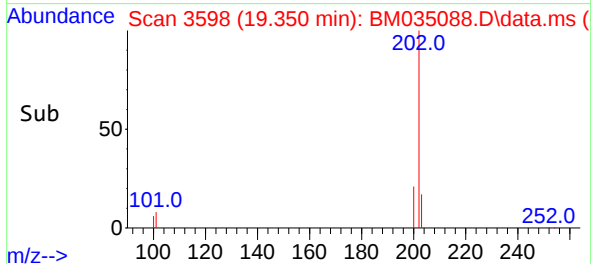
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BNA_M
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EW4B1DL



Tgt Ion:202 Resp: 15136
Ion Ratio Lower Upper
202 100
101 8.0 9.2 13.8
100 6.1 7.2 10.8

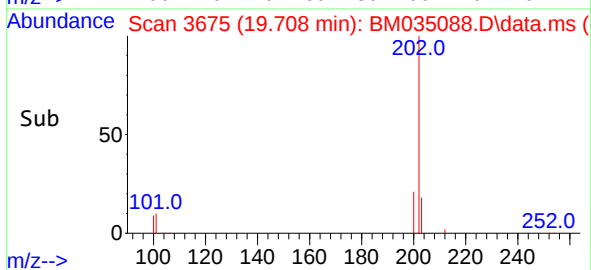
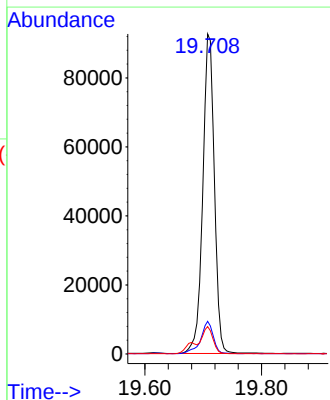
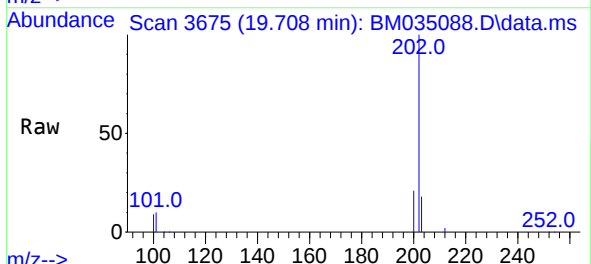
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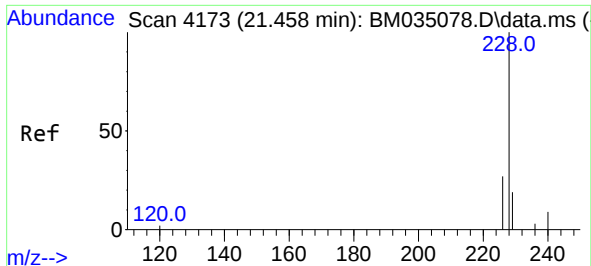
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 1.536 ng/u1
RT: 19.708 min Scan# 3675
Delta R.T. -0.004 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

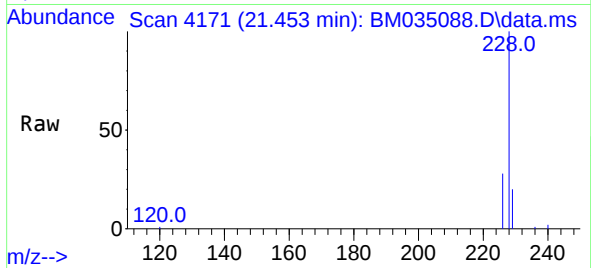
Tgt Ion:202 Resp: 128638
Ion Ratio Lower Upper
202 100
101 10.2 9.3 13.9
100 8.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.057 ng/u1
RT: 21.453 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

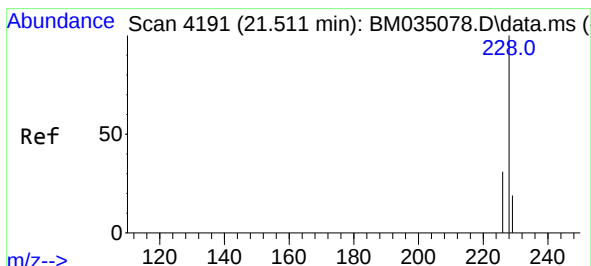
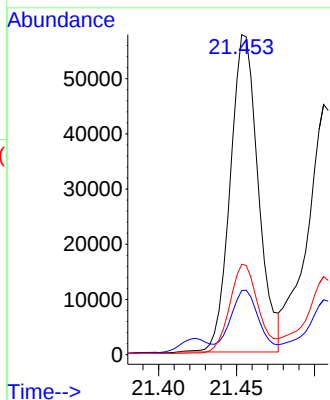
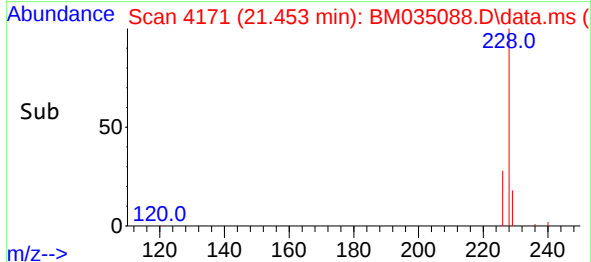
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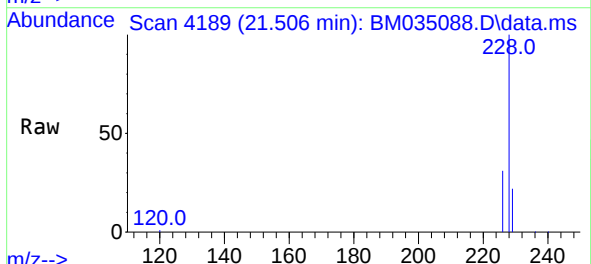
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Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.3 23.2 34.8

Manual Integrations
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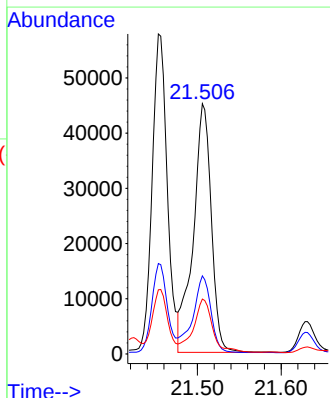
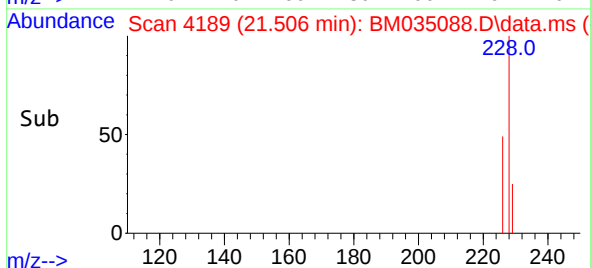
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

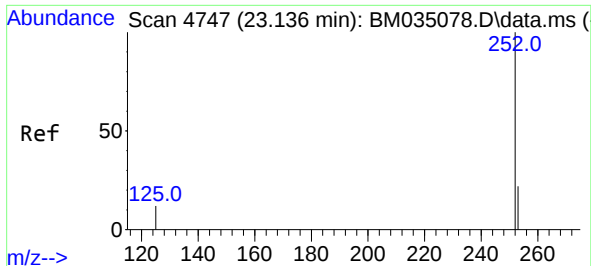


#22
Chrysene
Concen: 0.954 ng/u1
RT: 21.506 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



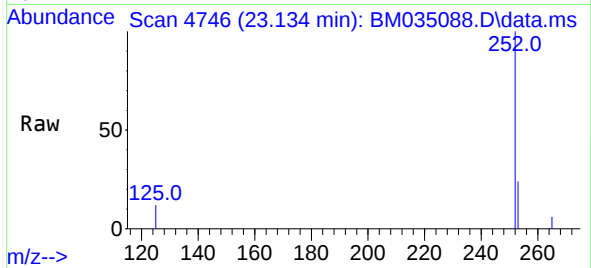
Tgt Ion:228 Resp: 67492
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 21.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.249 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

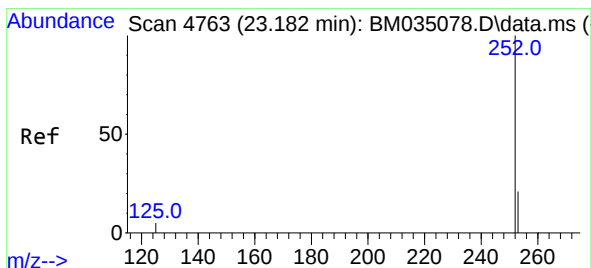
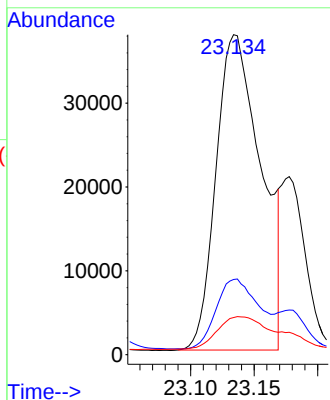
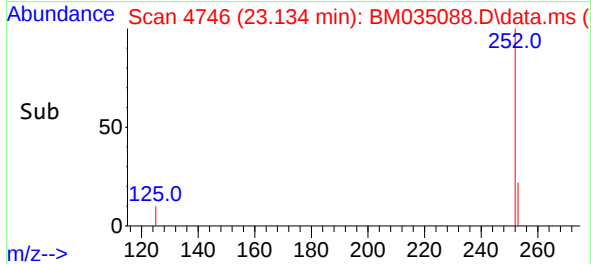
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



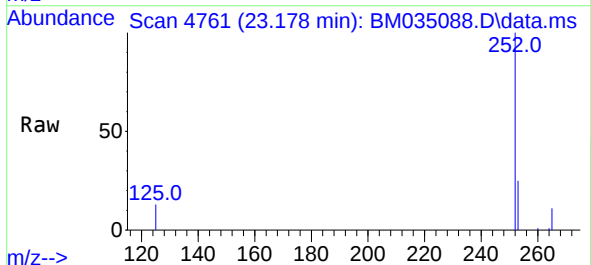
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Ion Ratio Lower Upper
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253 23.5 0.0 64.2
125 11.6 0.0 28.8

Manual Integrations
APPROVED

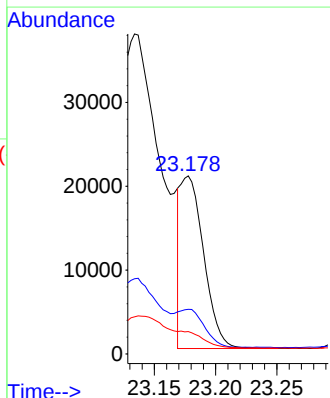
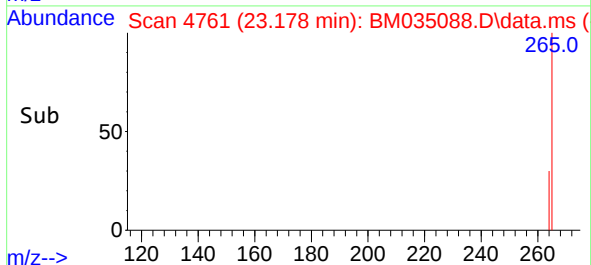
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

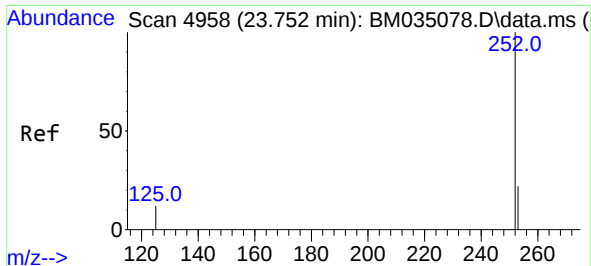


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



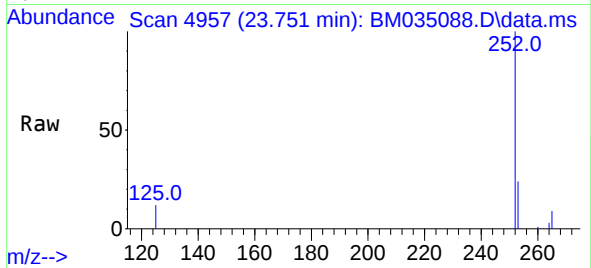
Tgt Ion:252 Resp: 27101
Ion Ratio Lower Upper
252 100
253 25.1 26.8 40.2#
125 12.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.903 ng/ul
RT: 23.751 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22

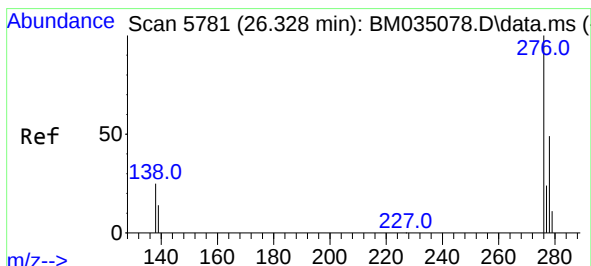
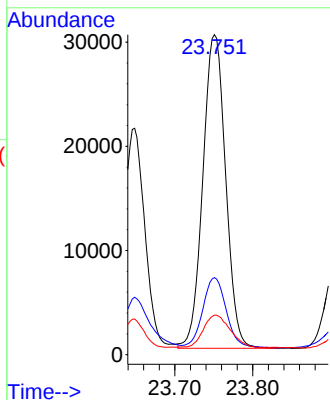
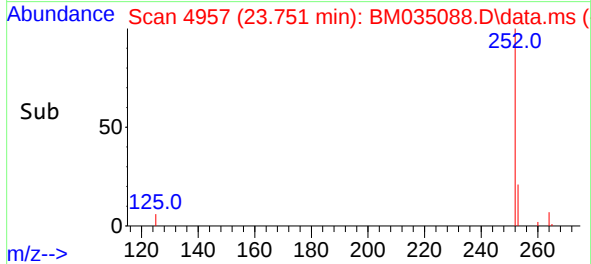
Instrument :
BNA_M
ClientSampleId :
EW4B1DL



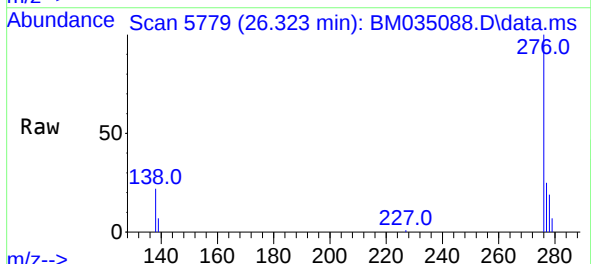
Tgt Ion:252 Resp: 61162
Ion Ratio Lower Upper
252 100
253 24.1 32.0 48.0
125 12.4 14.5 21.7

Manual Integrations
APPROVED

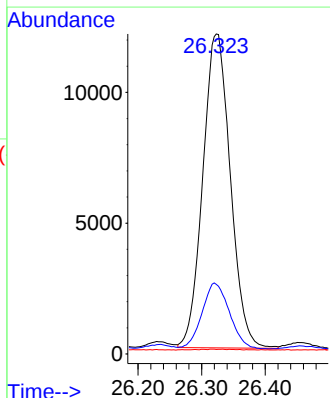
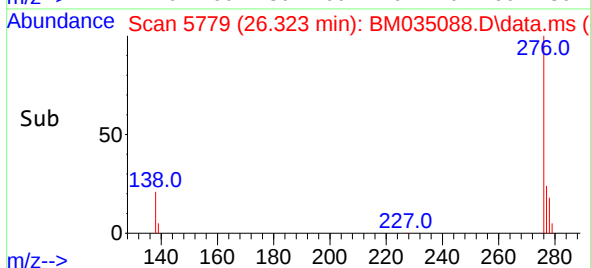
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

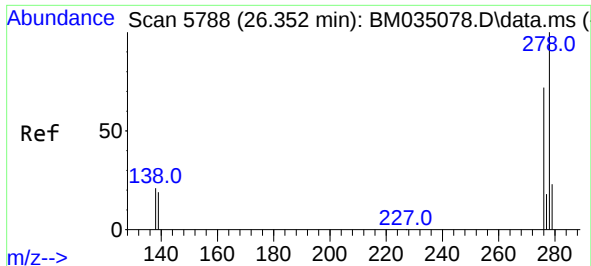


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035088.D
Acq: 15 May 2022 05:22



Tgt Ion:276 Resp: 36140
Ion Ratio Lower Upper
276 100
138 21.1 15.8 23.6
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.159 ng/ul

RT: 26.336 min Scan# 51

Delta R.T. -0.006 min

Lab File: BM035088.D

Acq: 15 May 2022 05:22

Instrument :

BNA_M

ClientSampleId :

EW4B1DL

Tgt Ion:278 Resp: 8454

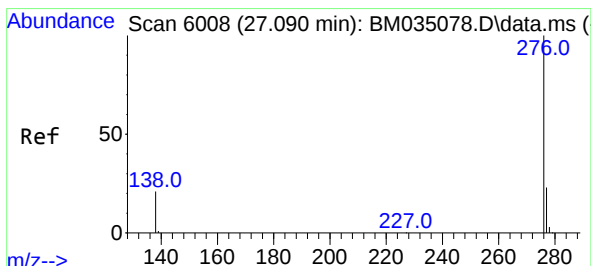
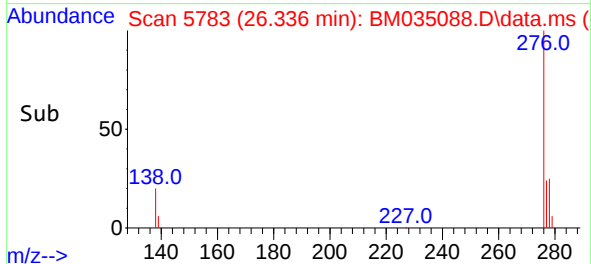
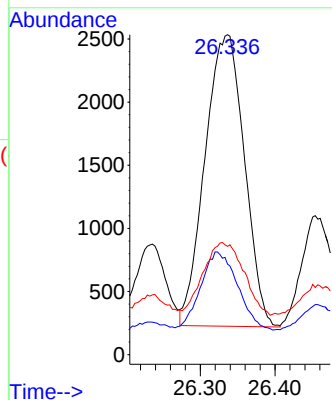
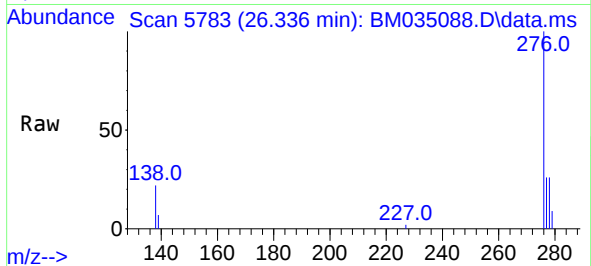
Ion	Ratio	Lower	Upper
278	100		
139	28.3	18.0	27.0
279	33.9	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022

Supervised By :Yogesh Patel 05/17/2022



#29

Benzo(g,h,i)perylene

Concen: 0.486 ng/ul

RT: 27.081 min Scan# 6005

Delta R.T. 0.000 min

Lab File: BM035088.D

Acq: 15 May 2022 05:22

Tgt Ion:276 Resp: 28043

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.4	26.0
277	24.8	22.6	33.8

