

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035048.D
 Acq On : 14 May 2022 04:05
 Operator : CG/JU
 Sample : N2603-15DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW495DL

Manual Integrations
 APPROVED

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

Quant Time: May 14 04:40:55 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	5313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	17151	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10886	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	23377	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	19298	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	16749	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	5959	0.936	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2021	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	4823	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	5981	0.106	ng/ul#	90
7) 2-Methylnaphthalene	12.382	142	4751	0.128	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	6184	0.179	ng/ul	99
10) Acenaphthylene	14.270	152	2703	0.042	ng/ul#	93
11) Acenaphthene	14.612	153	38207	0.821	ng/ul	95
12) Fluorene	15.598	166	36493	0.671	ng/ul#	97
15) Phenanthrene	17.334	178	412865	4.636	ng/ul	93
16) Anthracene	17.423	178	109704	1.352	ng/ul#	91
19) Fluoranthene	19.350	202	520300	4.801	ng/ul	97
20) Pyrene	19.712	202	425949	3.869	ng/ul	100
21) Benzo(a)anthracene	21.456	228	184943	2.071	ng/ul	99
22) Chrysene	21.509	228	170974	1.840	ng/ul	97
24) Benzo(b)fluoranthene	23.134	252	187617	2.136	ng/ul	90
25) Benzo(k)fluoranthene	23.178	252	51498m	0.614	ng/ul	
26) Benzo(a)pyrene	23.751	252	128866	1.613	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.320	276	64111	0.811	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.330	278	15669	0.249	ng/ul#	85
29) Benzo(g,h,i)perylene	27.081	276	48738	0.717	ng/ul#	93

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

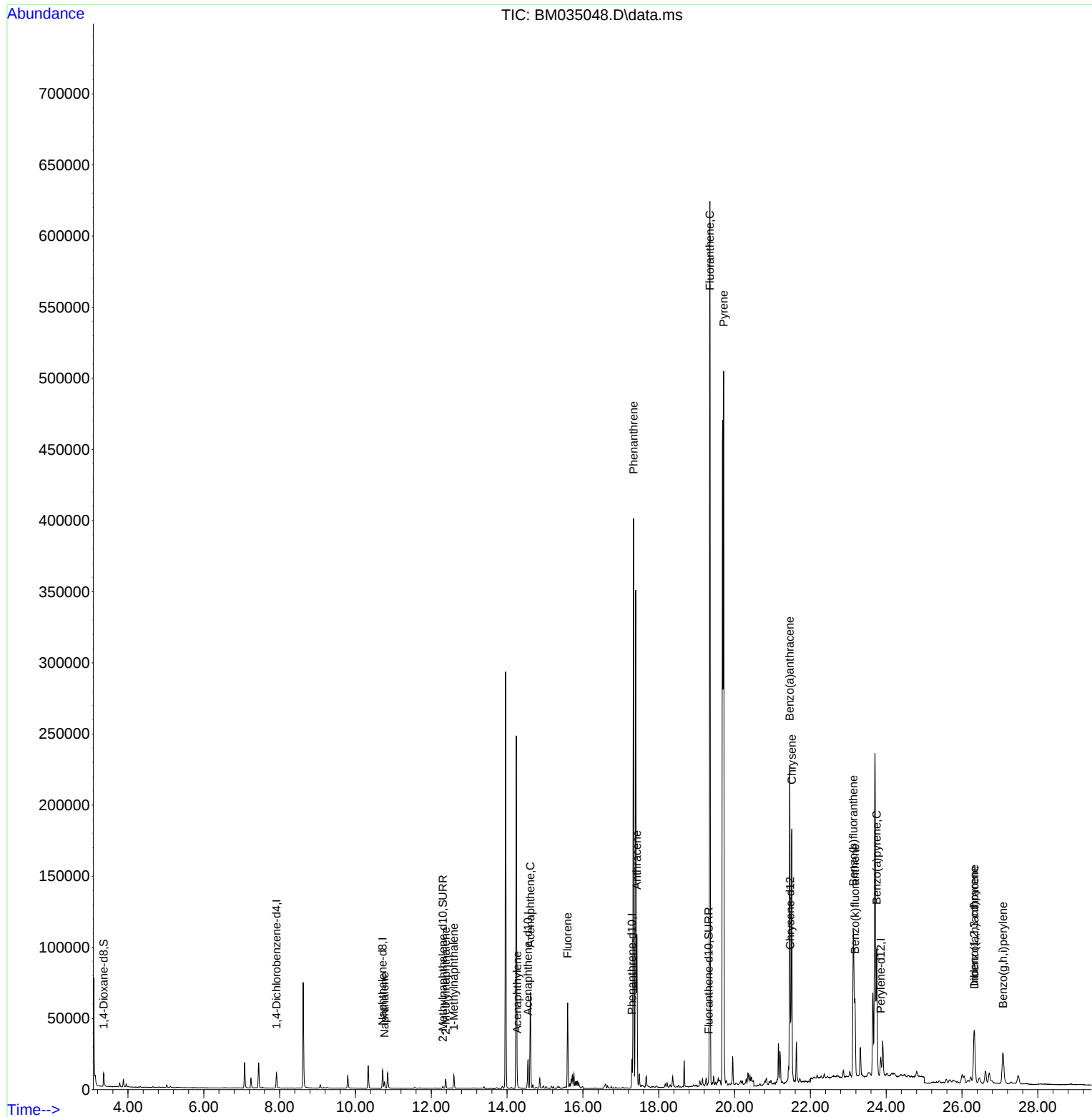
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035048.D
Acq On : 14 May 2022 04:05
Operator : CG/JU
Sample : N2603-15DL 5X
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ALS Vial : 22 Sample Multiplier: 1

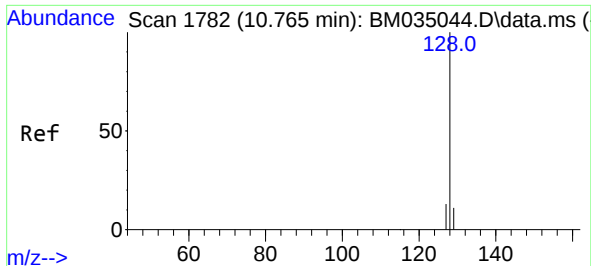
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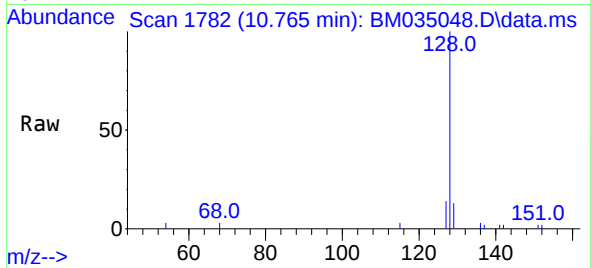
Quant Time: May 14 04:40:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

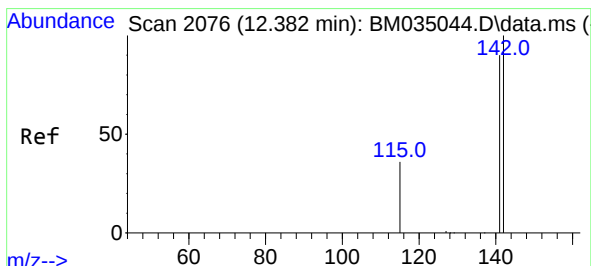
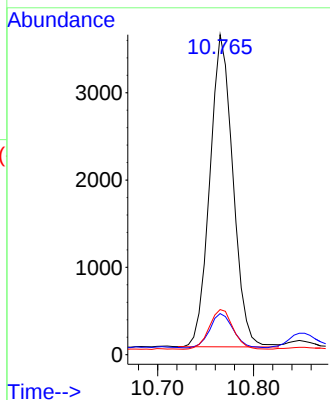
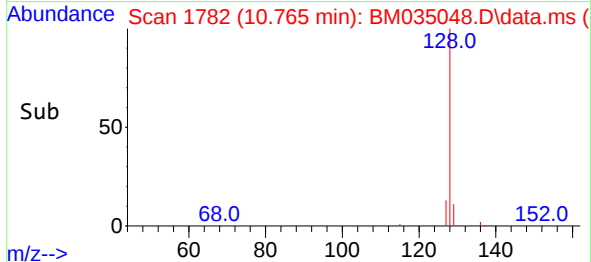
Instrument :
BNA_M
ClientSampleId :
EW495DL



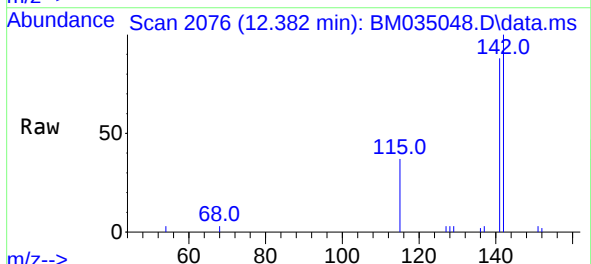
Tgt Ion:128 Resp: 598
Ion Ratio Lower Upper
128 100
129 12.9 13.4 20.2
127 14.1 15.2 22.8

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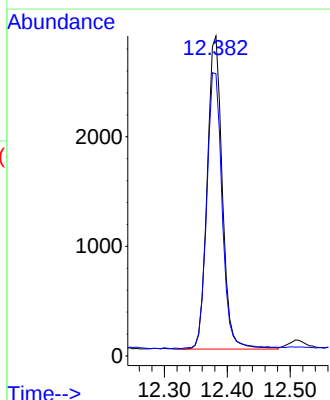
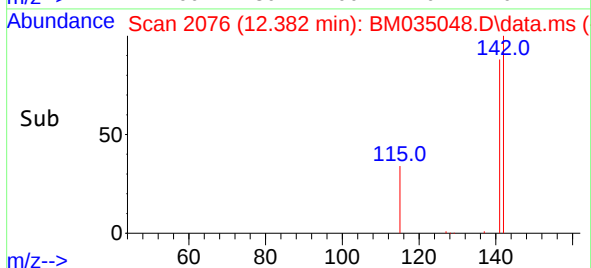
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

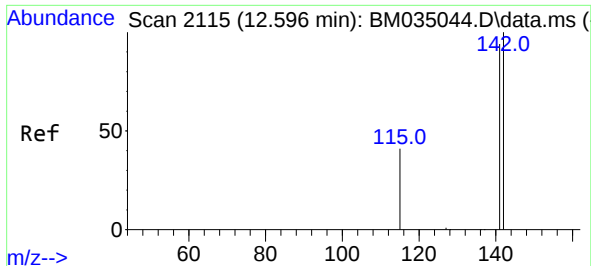


#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



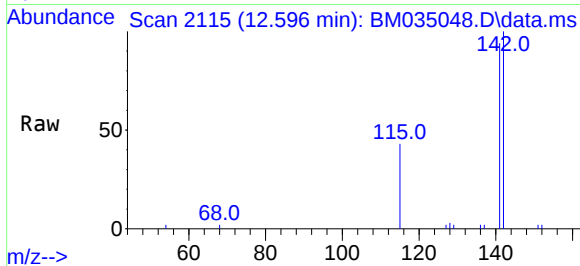
Tgt Ion:142 Resp: 4751
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

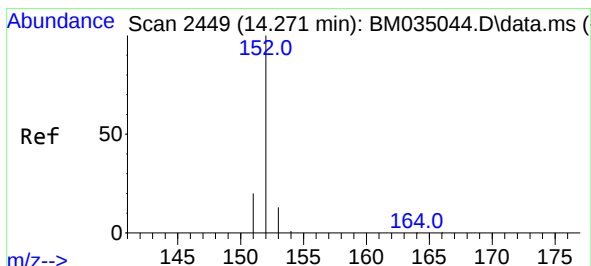
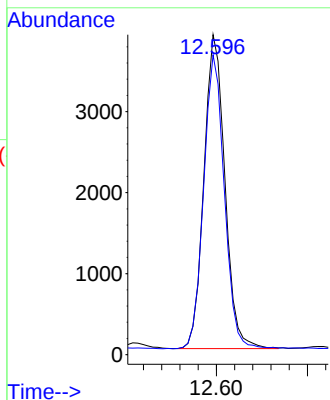
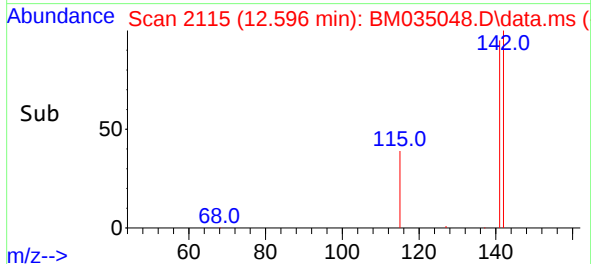
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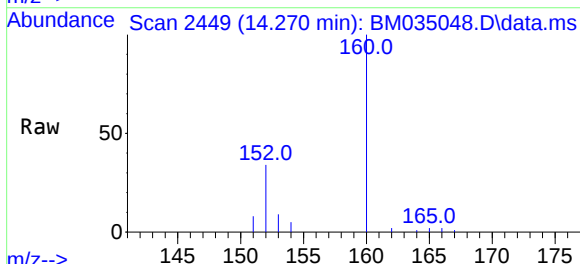
Tgt Ion:142 Resp: 6184
Ion Ratio Lower Upper
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141 92.5 75.0 112.4

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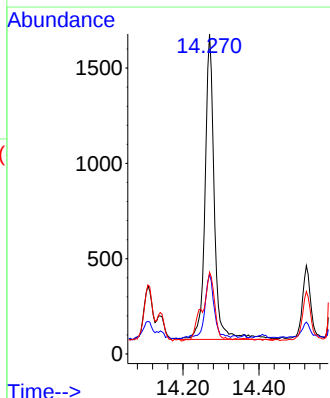
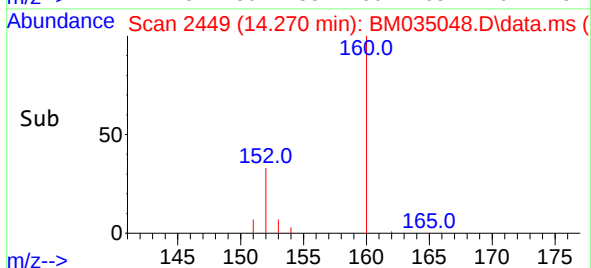
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

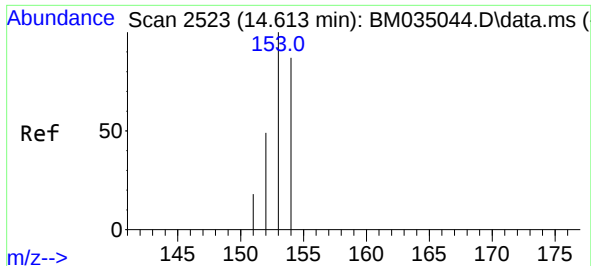


#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



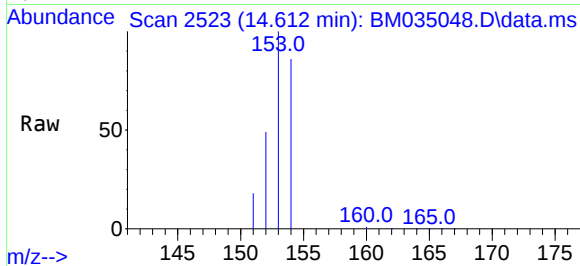
Tgt Ion:152 Resp: 2703
Ion Ratio Lower Upper
152 100
151 24.9 19.9 29.9
153 25.6 15.0 22.4#





#11
Acenaphthene
Concen: 0.821 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

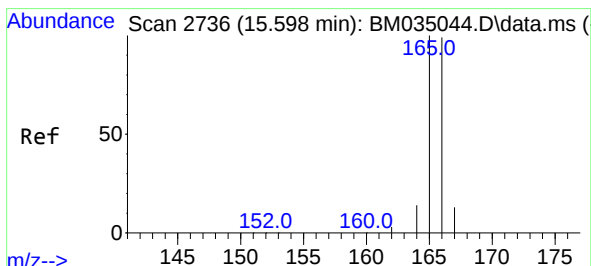
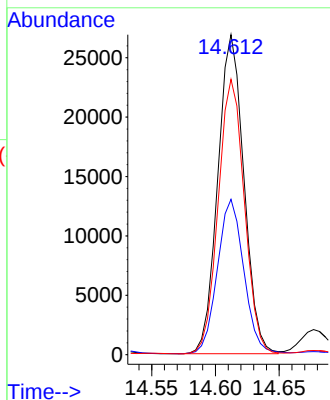
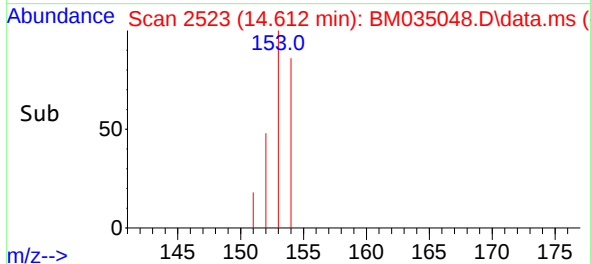
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 3820
Ion Ratio Lower Upper
153 100
152 48.5 42.4 63.6
154 86.1 66.2 99.2

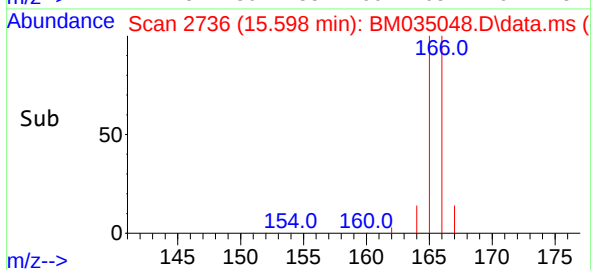
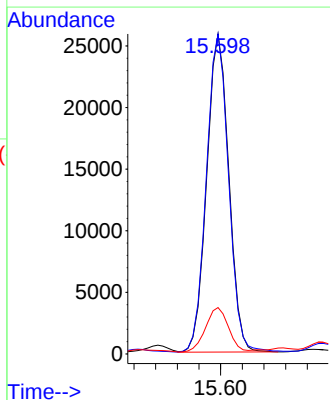
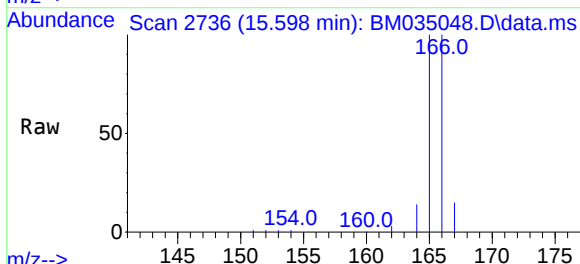
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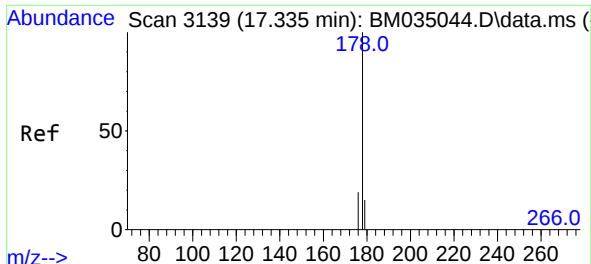
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 0.671 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

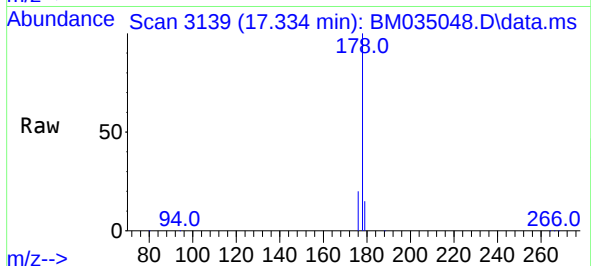
Tgt Ion:166 Resp: 36493
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 14.5 14.9 22.3#





#15
Phenanthrene
Concen: 4.636 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

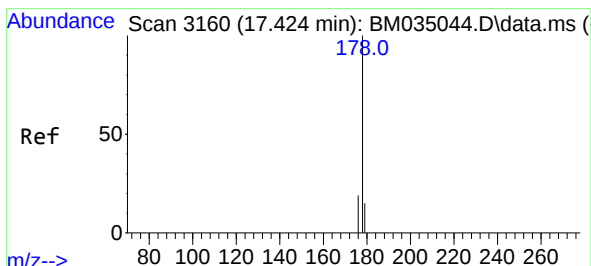
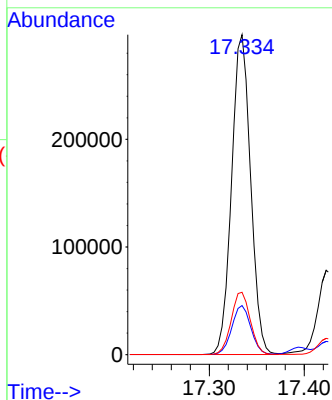
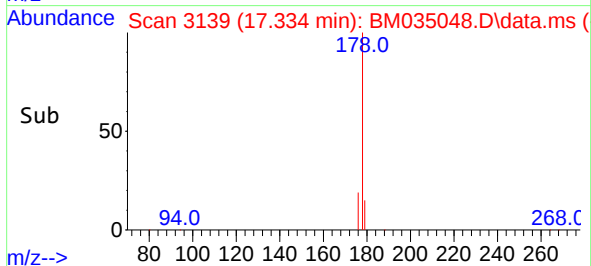
Instrument :
BNA_M
ClientSampleId :
EW495DL



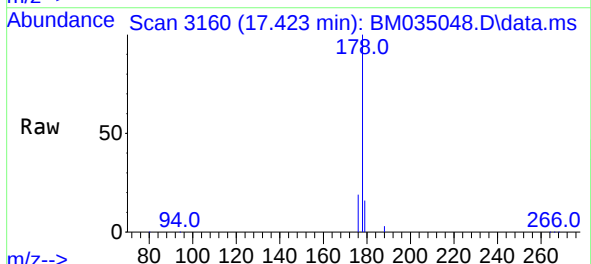
Tgt Ion:178 Resp: 412865
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.5 17.9 26.9

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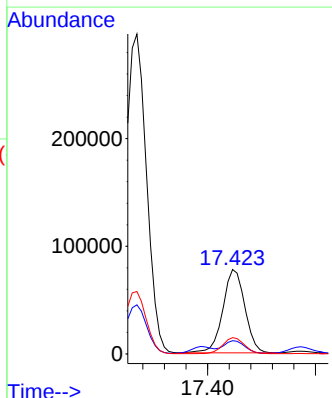
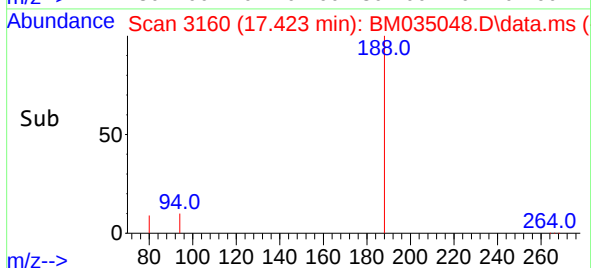
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

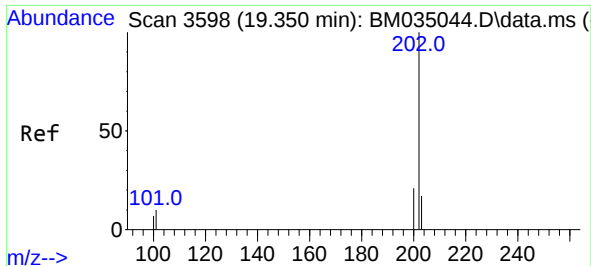


#16
Anthracene
Concen: 1.352 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



Tgt Ion:178 Resp: 109704
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.2 18.3 27.5





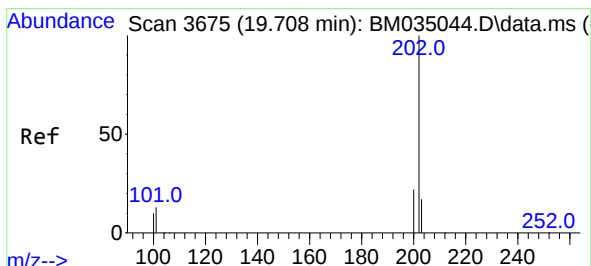
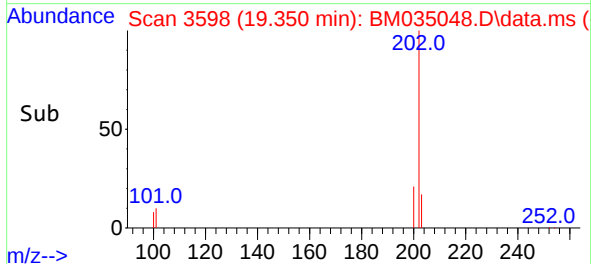
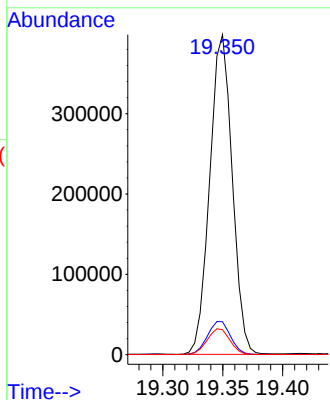
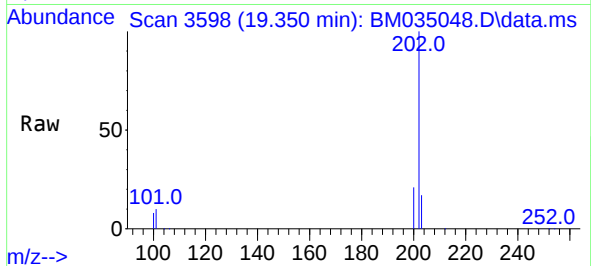
#19
Fluoranthene
Concen: 4.801 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 520300
Ion Ratio Lower Upper
202 100
101 10.3 9.2 13.8
100 7.8 7.2 10.8

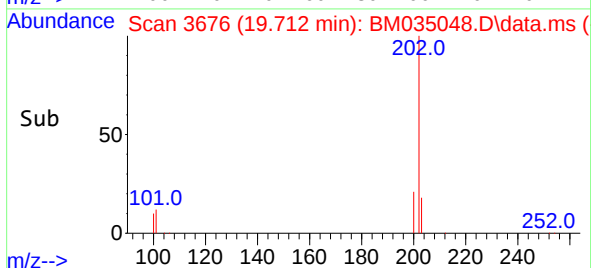
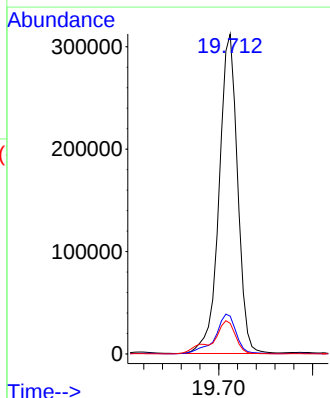
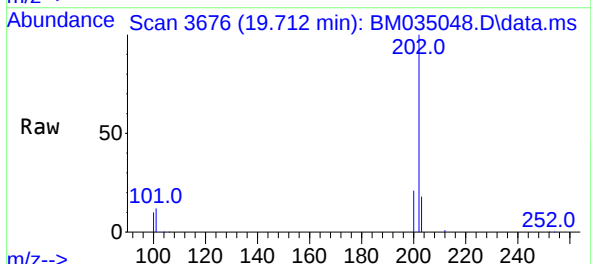
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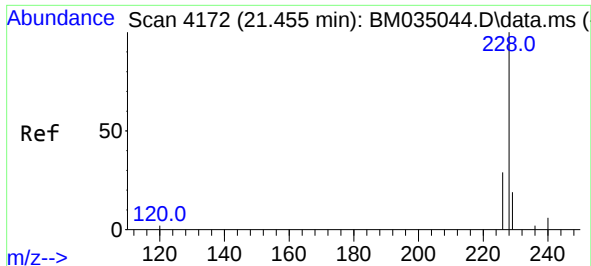
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 3.869 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

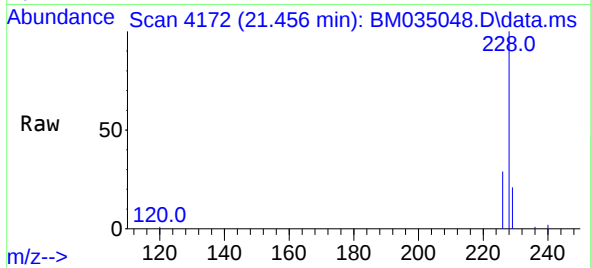
Tgt Ion:202 Resp: 425949
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.071 ng/u1
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

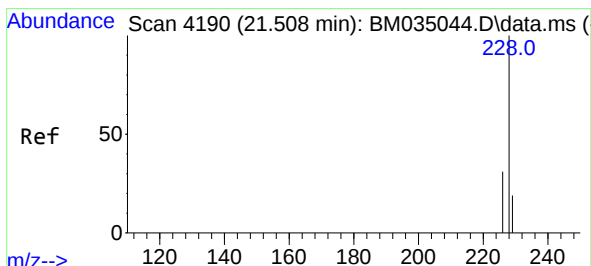
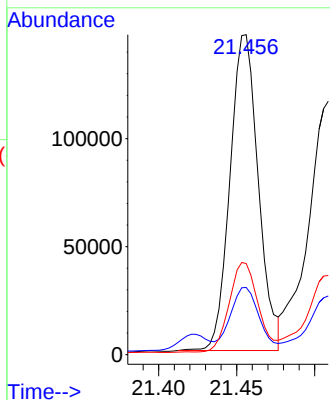
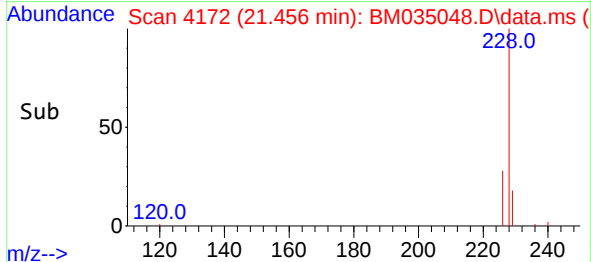
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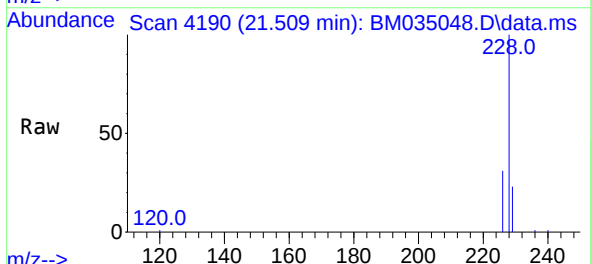
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Ion Ratio Lower Upper
228 100
229 21.0 17.3 25.9
226 28.5 23.2 34.8

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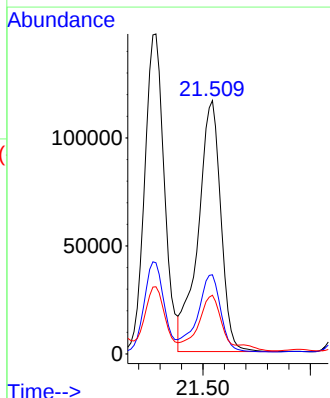
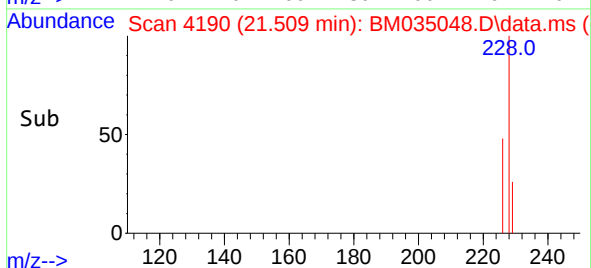
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

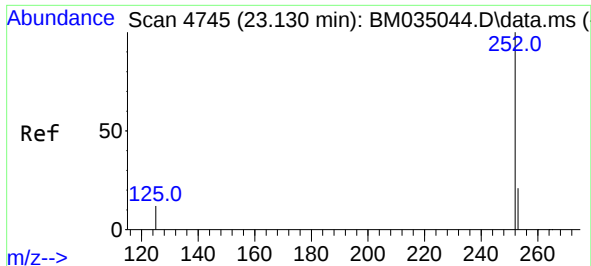


#22
Chrysene
Concen: 1.840 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



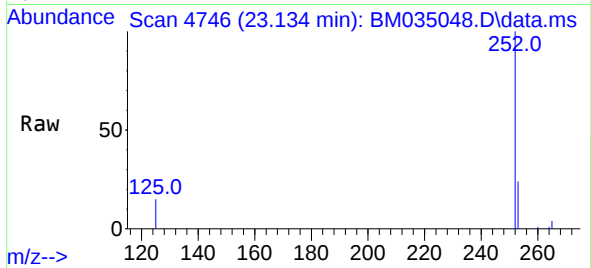
Tgt Ion:228 Resp: 170974
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 23.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.136 ng/ul
RT: 23.134 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

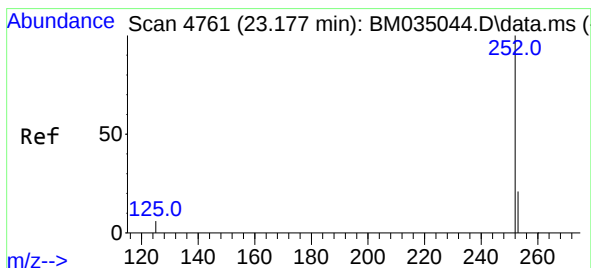
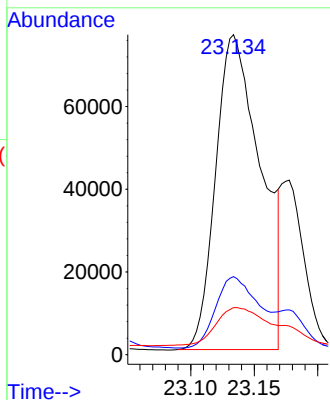
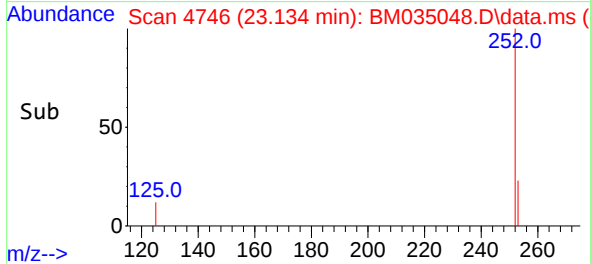
Instrument :
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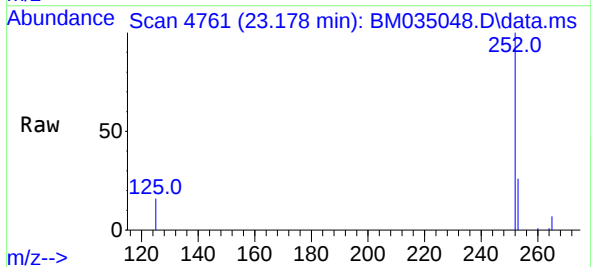
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Ion Ratio Lower Upper
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253 24.4 0.0 64.2
125 14.7 0.0 28.8

Manual Integrations
APPROVED

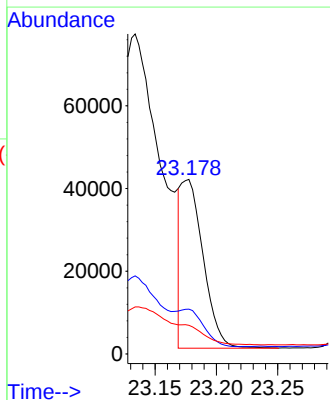
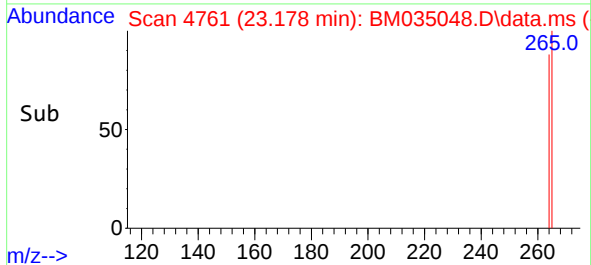
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

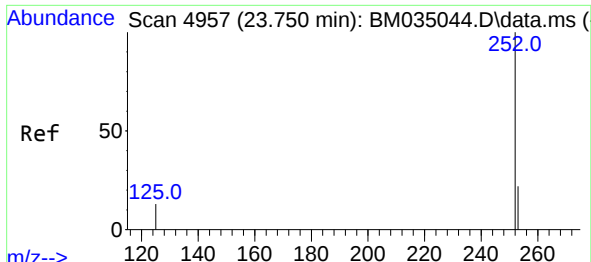


#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



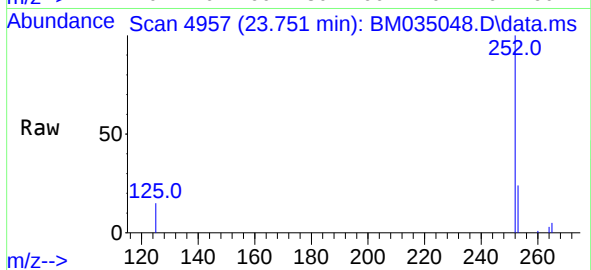
Tgt Ion:252 Resp: 51498
Ion Ratio Lower Upper
252 100
253 25.7 26.8 40.2#
125 16.4 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.613 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

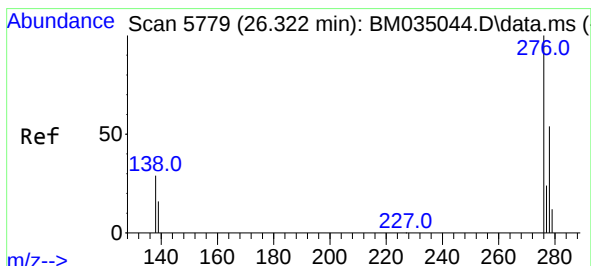
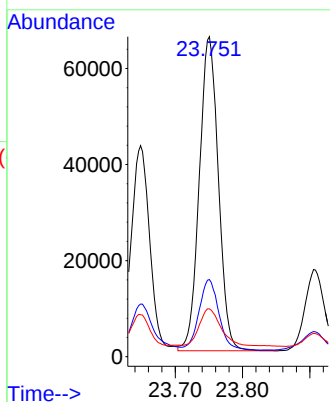
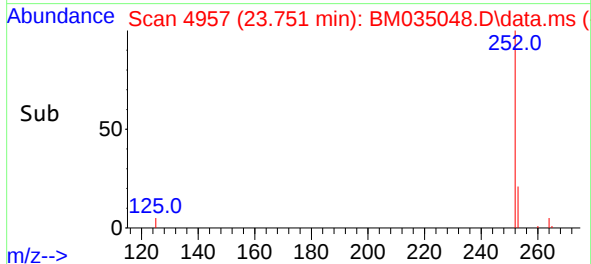
Instrument :
BNA_M
ClientSampleId :
EW495DL



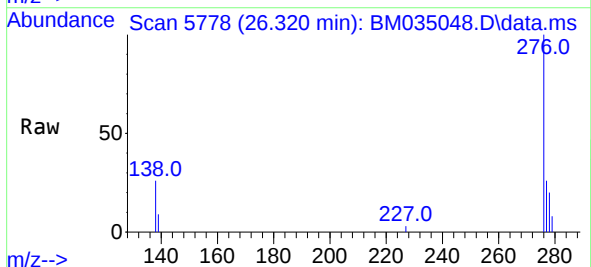
Tgt Ion:252 Resp: 128860
Ion Ratio Lower Upper
252 100
253 24.1 32.0 48.0
125 14.9 14.5 21.7

Manual Integrations
APPROVED

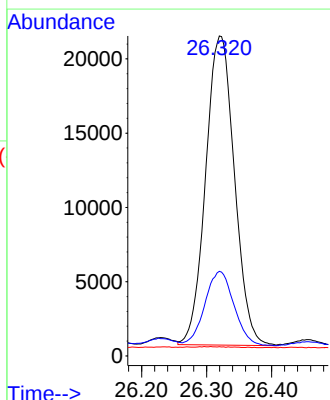
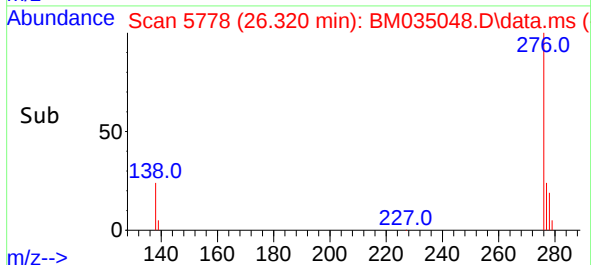
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

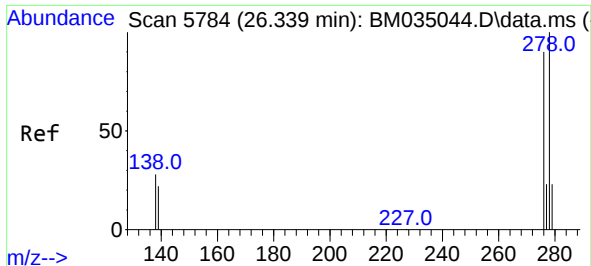


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05



Tgt Ion:276 Resp: 64111
Ion Ratio Lower Upper
276 100
138 24.4 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

Instrument :

BNA_M

ClientSampleId :

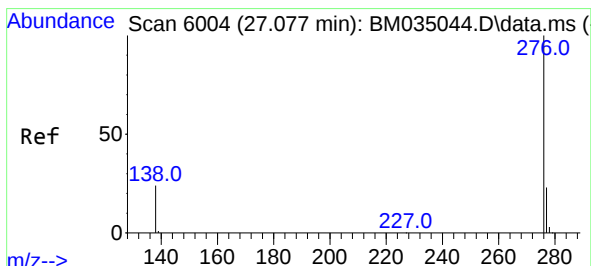
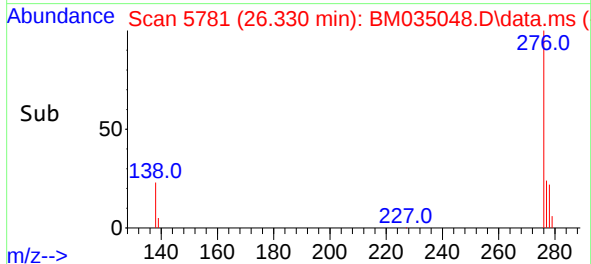
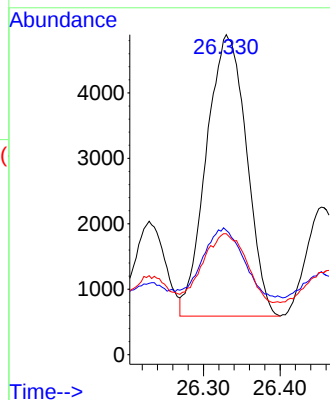
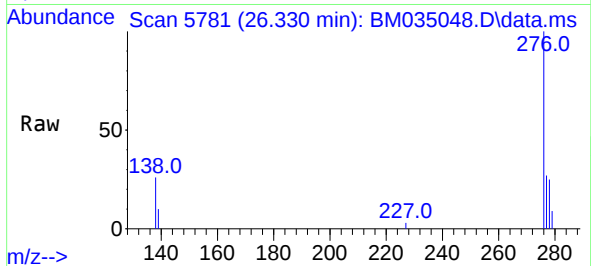
EW495DL

Tgt Ion:278 Resp: 1566
Ion Ratio Lower Upper
278 100
139 38.8 18.0 27.0
279 37.8 28.6 42.8

Manual Integrations

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



#29
Benzo(g,h,i)perylene
Concen: 0.717 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035048.D
Acq: 14 May 2022 04:05

Tgt Ion:276 Resp: 48738
Ion Ratio Lower Upper
276 100
138 27.1 17.4 26.0
277 26.4 22.6 33.8

