

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035054.D
 Acq On : 14 May 2022 07:42
 Operator : CG/JU
 Sample : N2603-19DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A0DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:29:32 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	6616	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	20808	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	13028	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	28143	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.477	240	22418	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	18766	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	6619	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2209	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	5911	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	49659	0.723	ng/ul#	87
7) 2-Methylnaphthalene	12.382	142	13309	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	10020	0.239	ng/ul	99
10) Acenaphthylene	14.270	152	7474	0.097	ng/ul	95
11) Acenaphthene	14.612	153	69178	1.242	ng/ul	95
12) Fluorene	15.597	166	91694	1.408	ng/ul#	97
15) Phenanthrene	17.334	178	1274374	11.888	ng/ul	94
16) Anthracene	17.427	178	350708	3.591	ng/ul#	90
19) Fluoranthene	19.354	202	1842164	14.632	ng/ul#	95
20) Pyrene	19.712	202	1465379	11.459	ng/ul	98
21) Benzo(a)anthracene	21.459	228	669865	6.457	ng/ul	98
22) Chrysene	21.512	228	591275	5.477	ng/ul	97
24) Benzo(b)fluoranthene	23.140	252	679030	6.900	ng/ul	87
25) Benzo(k)fluoranthene	23.180	252	222698m	2.371	ng/ul	
26) Benzo(a)pyrene	23.756	252	464303	5.187	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.333	276	282687	3.191	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.336	278	69201m	0.982	ng/ul	
29) Benzo(g,h,i)perylene	27.087	276	214961	2.821	ng/ul	94

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

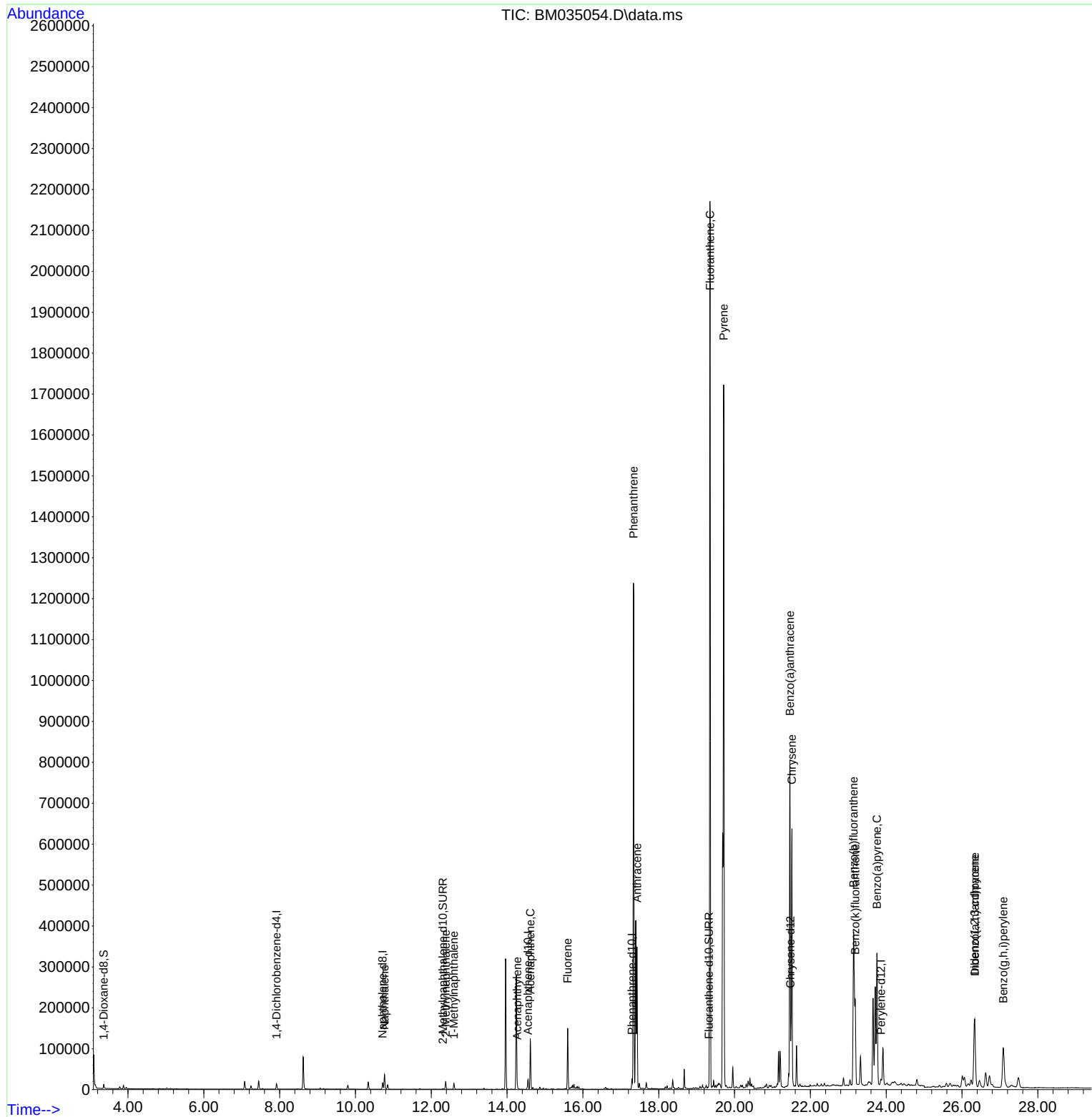
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035054.D
Acq On : 14 May 2022 07:42
Operator : CG/JU
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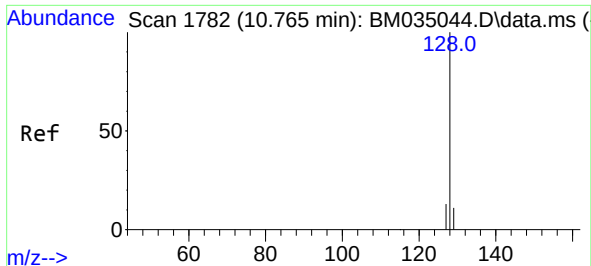
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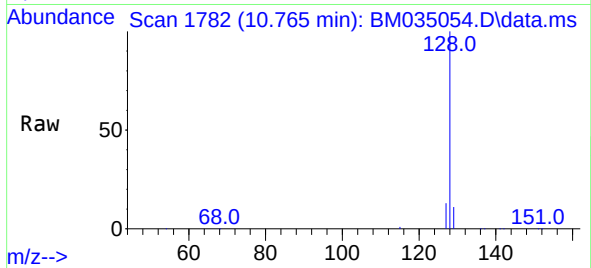
Quant Time: May 15 01:29:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.723 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

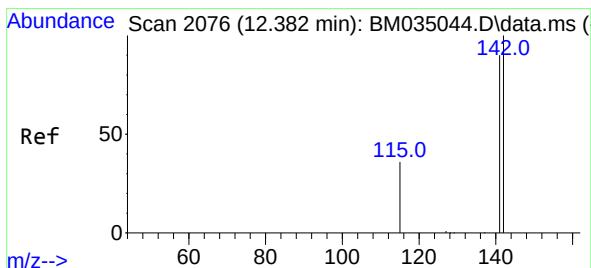
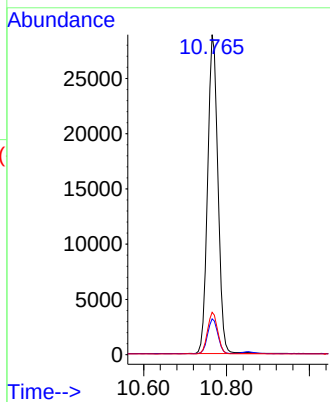
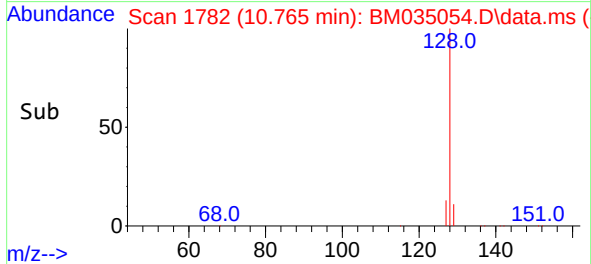
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



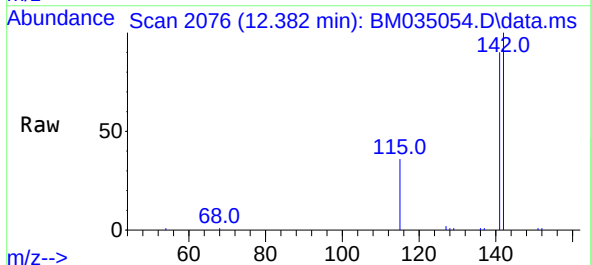
Tgt Ion:128 Resp: 49659
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2
127 13.3 15.2 22.8

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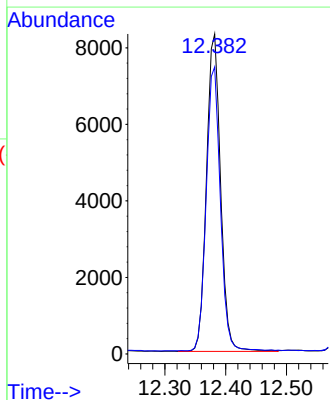
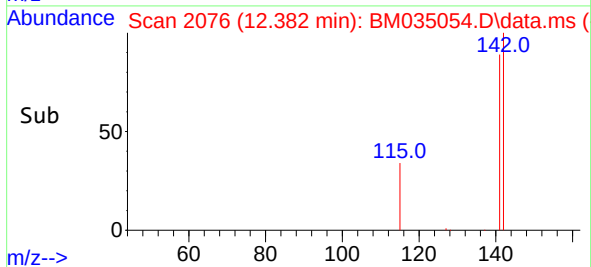
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

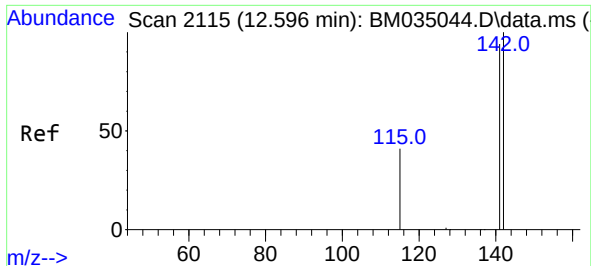


#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



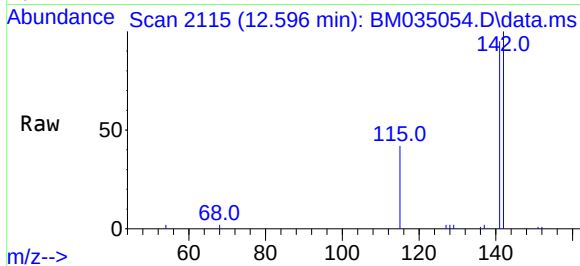
Tgt Ion:142 Resp: 13309
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

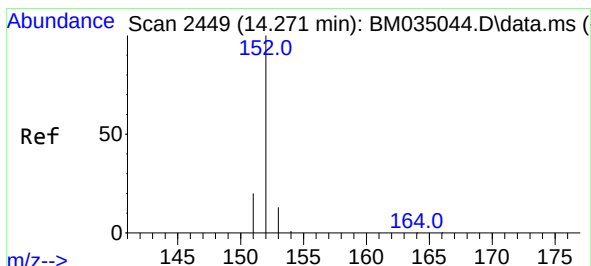
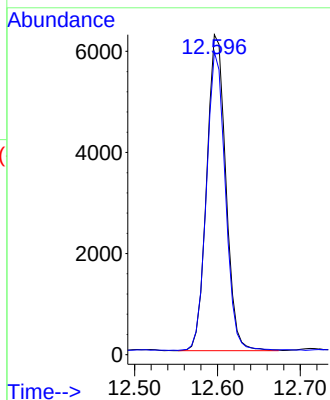
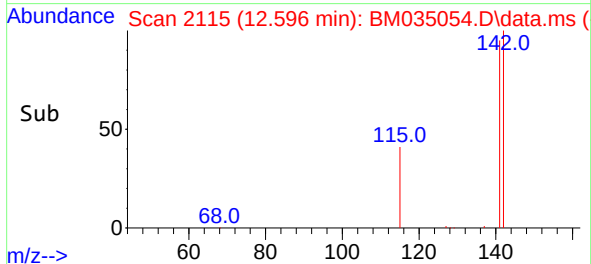
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



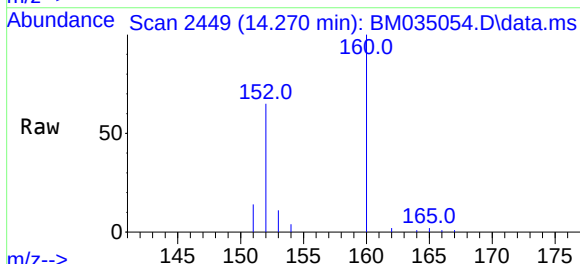
Tgt Ion:142 Resp: 10020
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

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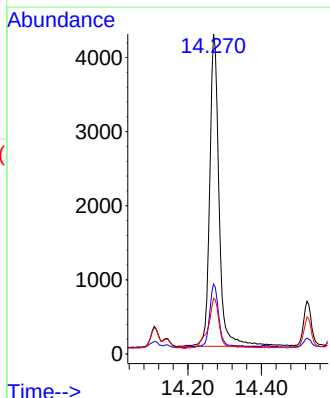
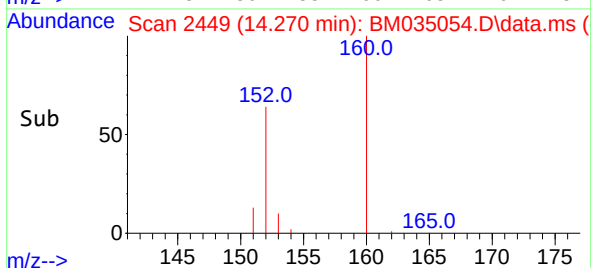
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

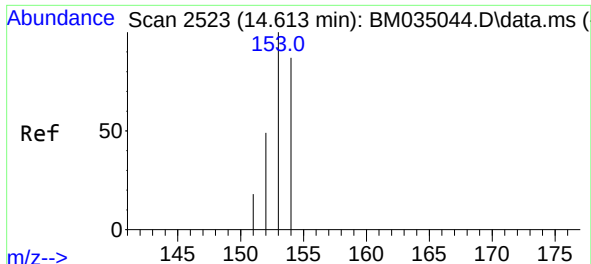


#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



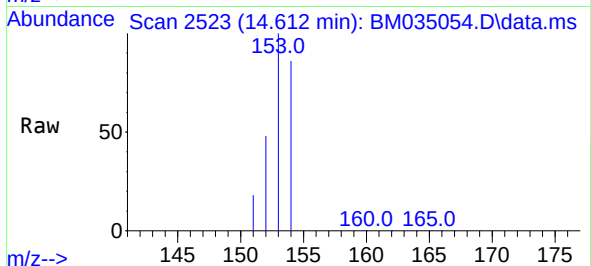
Tgt Ion:152 Resp: 7474
Ion Ratio Lower Upper
152 100
151 21.9 19.9 29.9
153 17.4 15.0 22.4





#11
Acenaphthene
Concen: 1.242 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

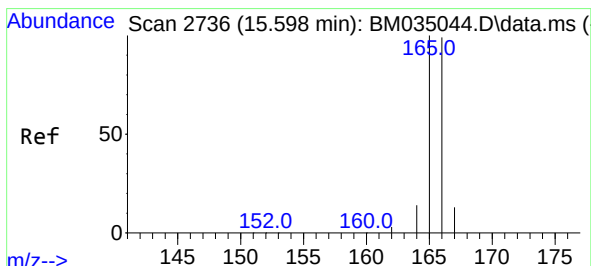
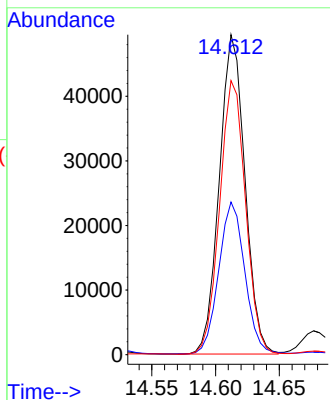
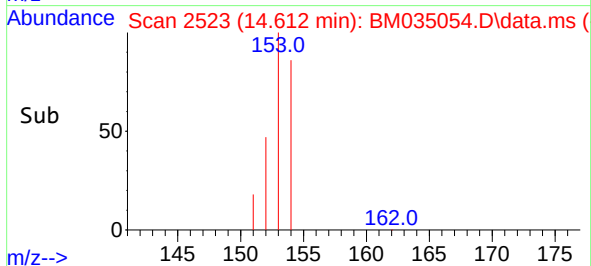
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



Tgt Ion:153 Resp: 69178
Ion Ratio Lower Upper
153 100
152 47.7 42.4 63.6
154 85.6 66.2 99.2

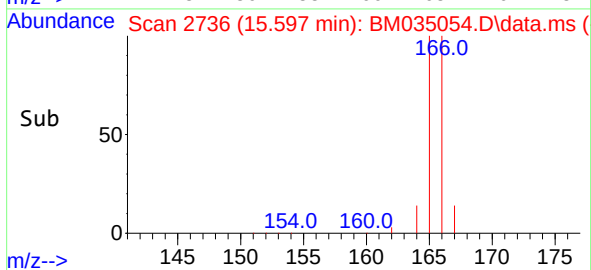
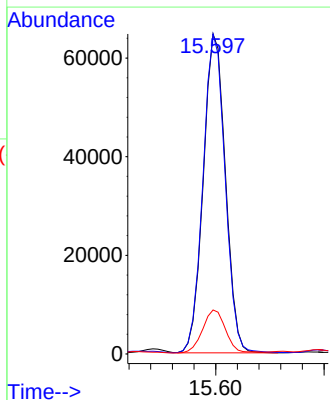
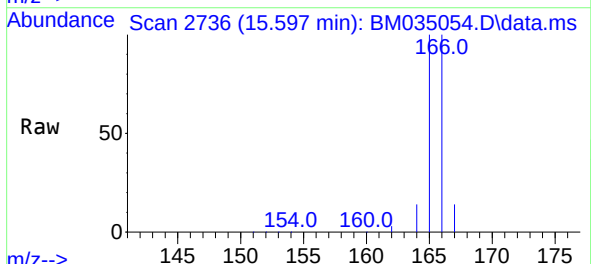
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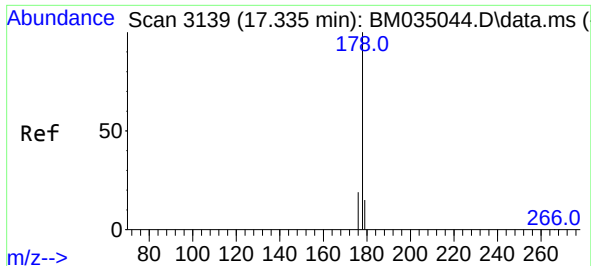
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 1.408 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

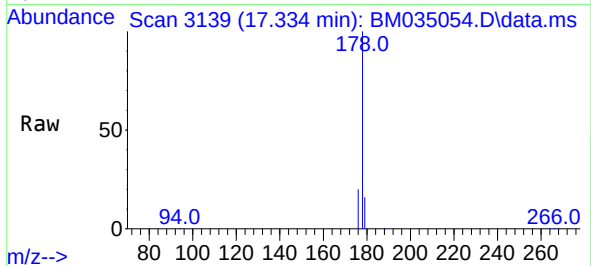
Tgt Ion:166 Resp: 91694
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 13.8 14.9 22.3#





#15
Phenanthrene
Concen: 11.888 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

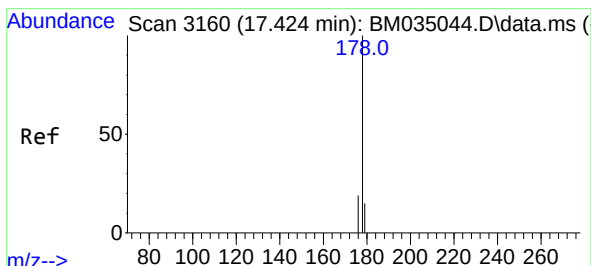
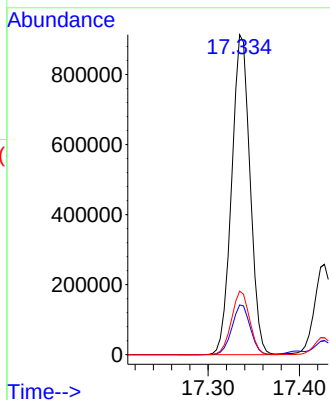
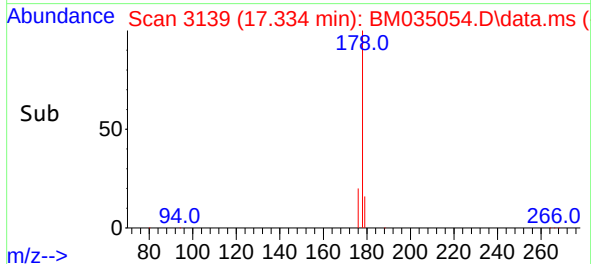
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



Tgt Ion:178 Resp: 1274374
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.9 17.9 26.9

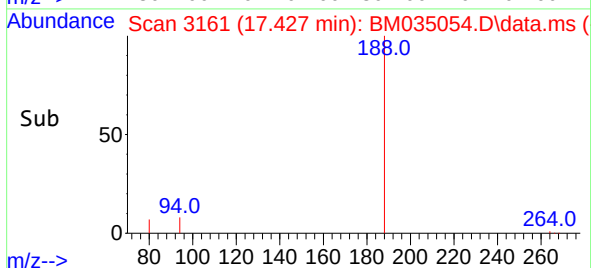
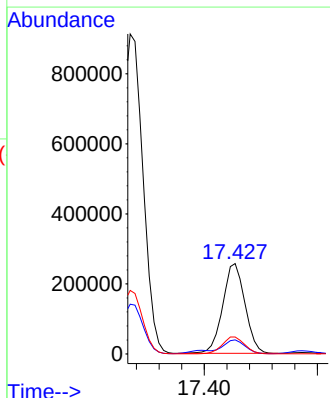
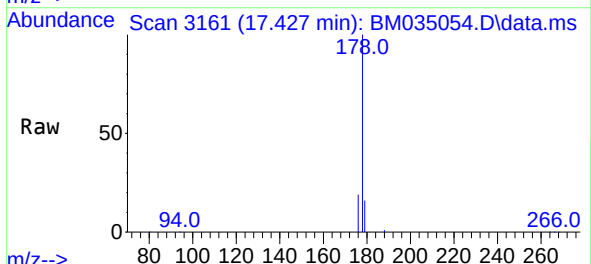
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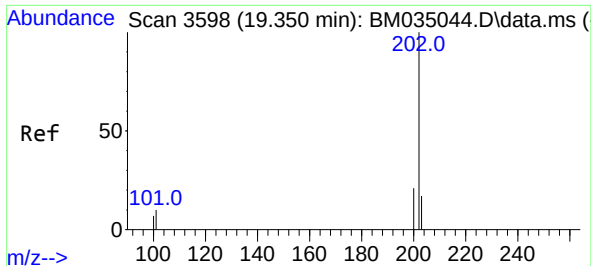
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#16
Anthracene
Concen: 3.591 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

Tgt Ion:178 Resp: 350708
Ion Ratio Lower Upper
178 100
179 15.5 16.5 24.7#
176 18.8 18.3 27.5





#19

Fluoranthene

Concen: 14.632 ng/u1

RT: 19.354 min Scan# 3598

Delta R.T. 0.005 min

Lab File: BM035054.D

Acq: 14 May 2022 07:42

Instrument :

BNA_M

ClientSampleId :

EW4A0DL

Tgt Ion:202 Resp: 184216

Ion Ratio Lower Upper

202 100

101 9.6 9.2 13.8

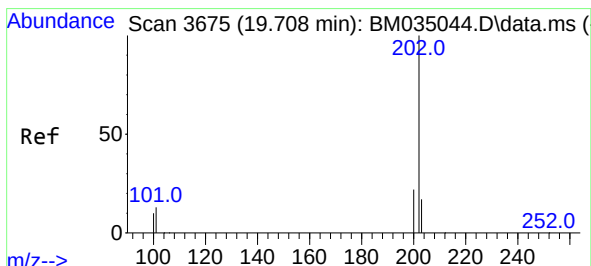
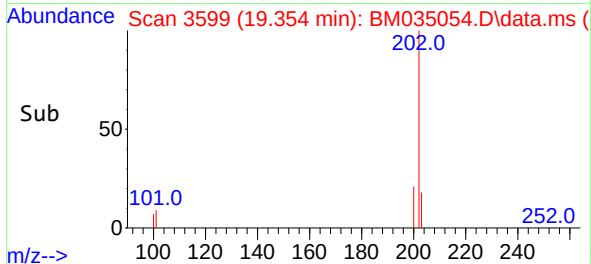
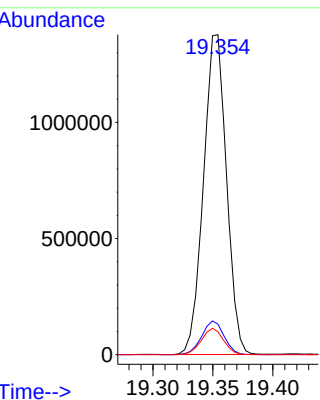
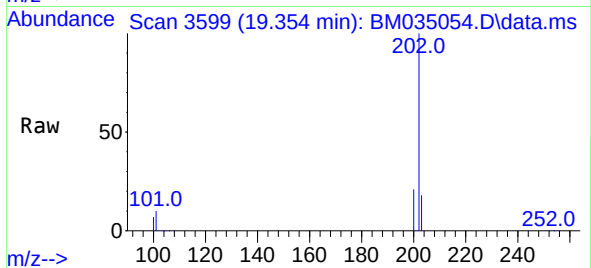
100 7.2 7.2 10.8

Manual Integrations

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Supervised By :Yogesh Patel 05/17/2022



#20

Pyrene

Concen: 11.459 ng/u1

RT: 19.712 min Scan# 3676

Delta R.T. 0.000 min

Lab File: BM035054.D

Acq: 14 May 2022 07:42

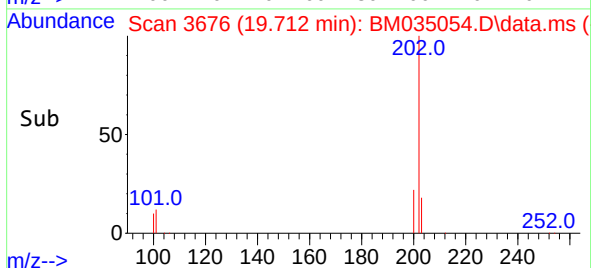
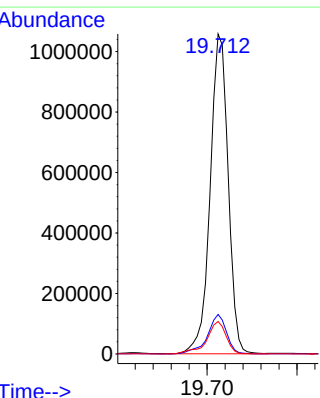
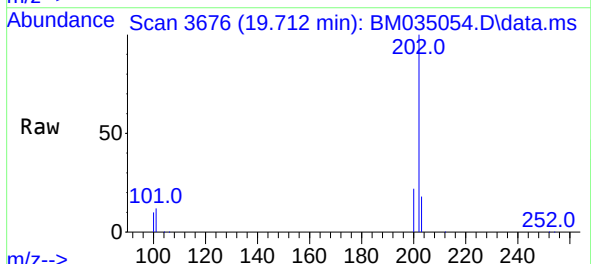
Tgt Ion:202 Resp: 1465379

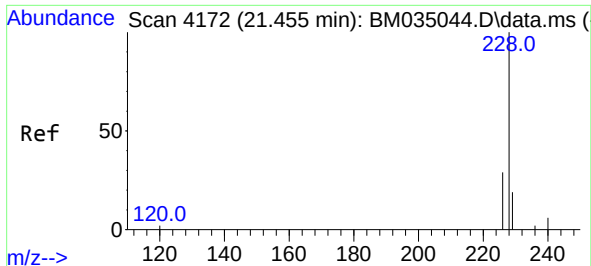
Ion Ratio Lower Upper

202 100

101 12.3 9.3 13.9

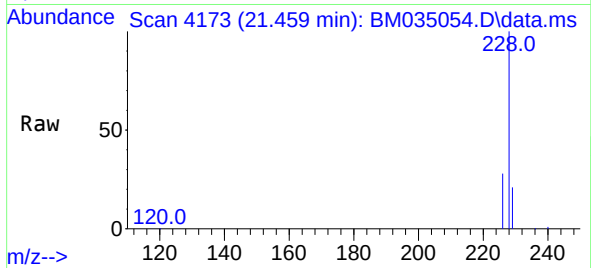
100 10.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 6.457 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

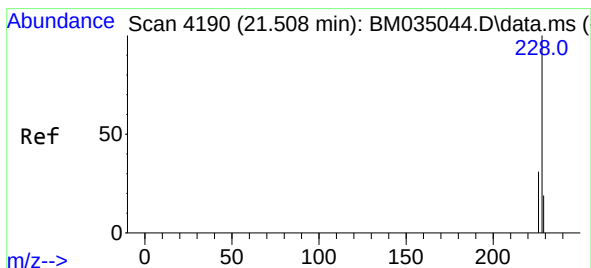
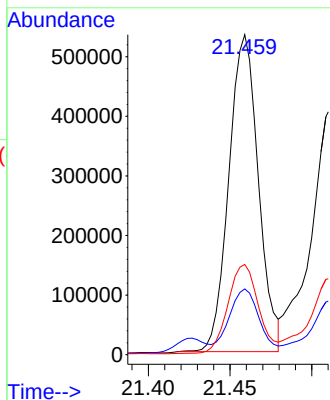
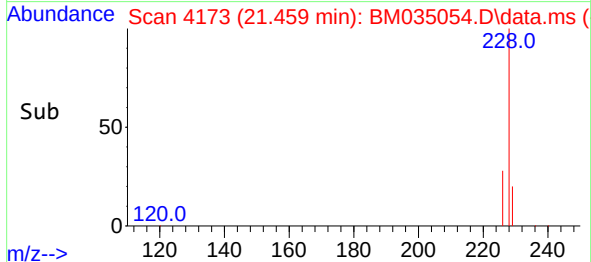
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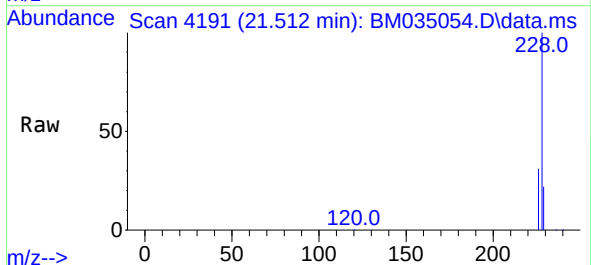
Tgt Ion:228 Resp: 66986
Ion Ratio Lower Upper
228 100
229 20.6 17.3 25.9
226 28.2 23.2 34.8

Manual Integrations
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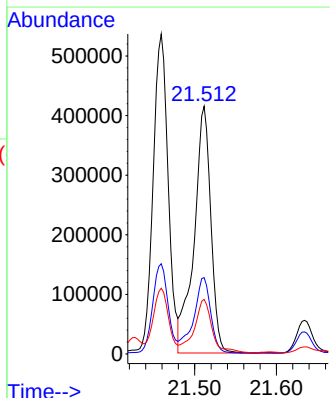
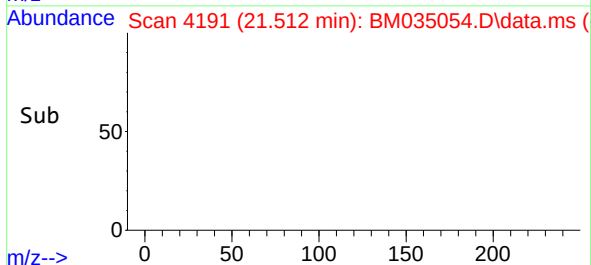
Reviewed By :Jagrut Upadhyay 05/16/2022
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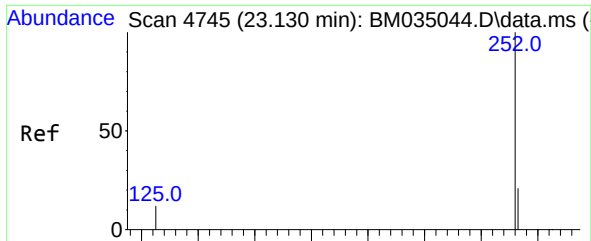


#22
Chrysene
Concen: 5.477 ng/u1
RT: 21.512 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



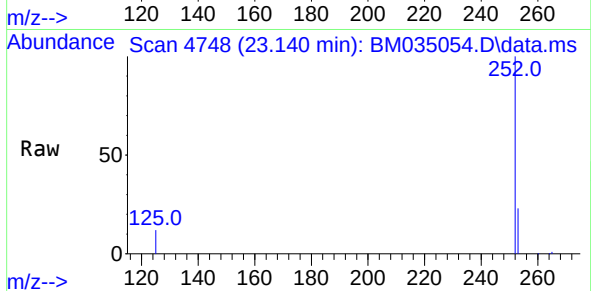
Tgt Ion:228 Resp: 591275
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 22.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.900 ng/ul
RT: 23.140 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

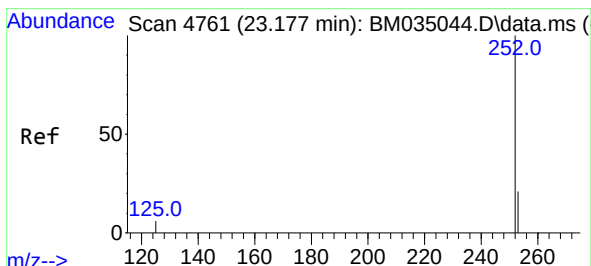
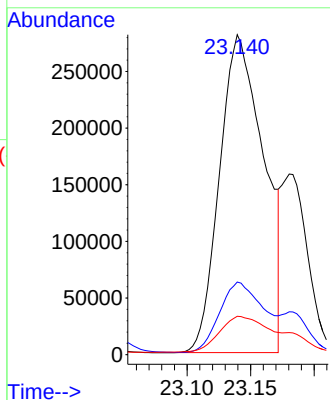
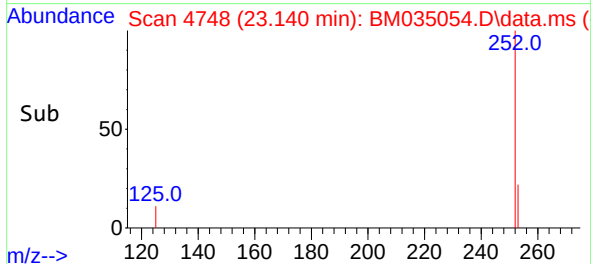
Instrument :
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ClientSampleId :
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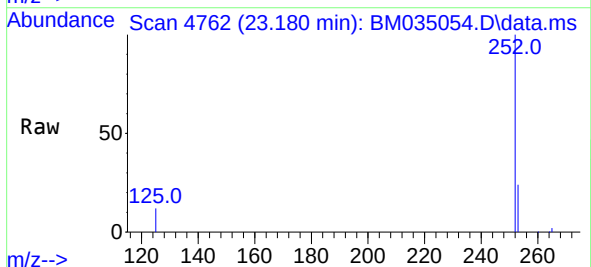
Tgt Ion:252 Resp: 679030
Ion Ratio Lower Upper
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253 22.7 0.0 64.2
125 12.0 0.0 28.8

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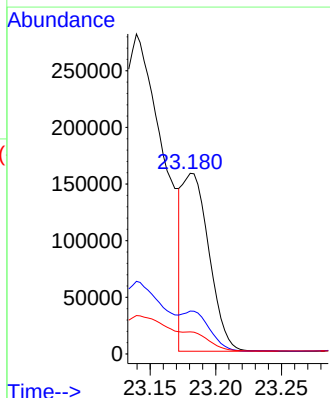
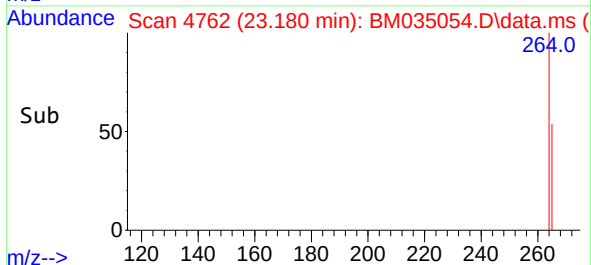
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

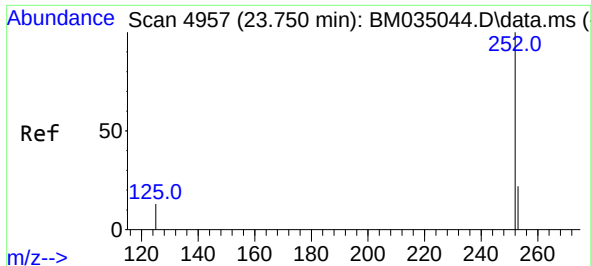


#25
Benzo(k)fluoranthene
Concen: 2.371 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



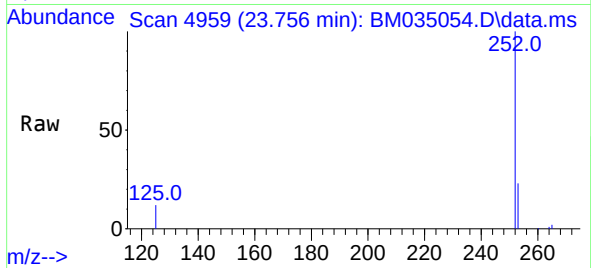
Tgt Ion:252 Resp: 222698
Ion Ratio Lower Upper
252 100
253 23.7 26.8 40.2#
125 12.2 12.0 18.0





#26
Benzo(a)pyrene
Concen: 5.187 ng/ul
RT: 23.756 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

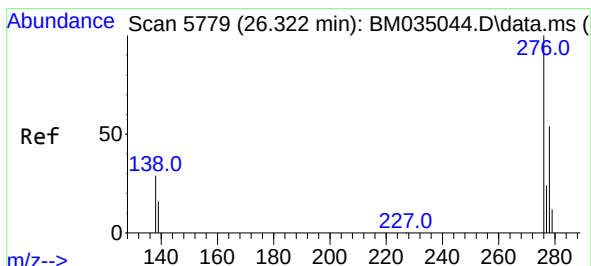
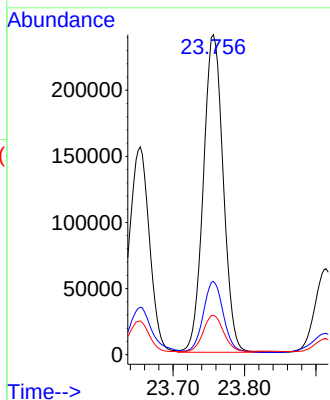
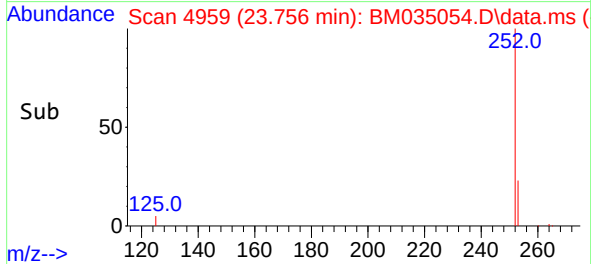
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



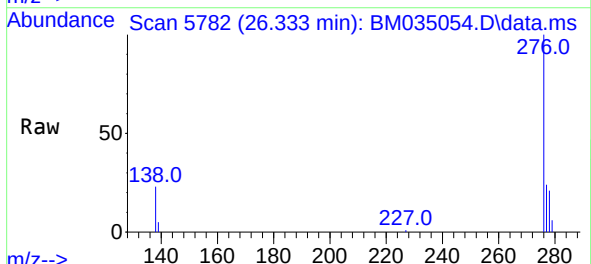
Tgt Ion:252 Resp: 46430
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0
125 12.3 14.5 21.7

Manual Integrations
APPROVED

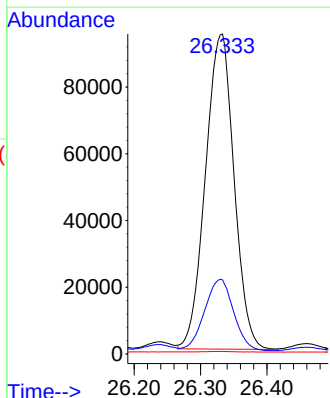
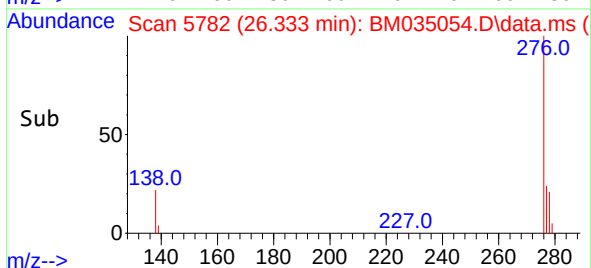
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

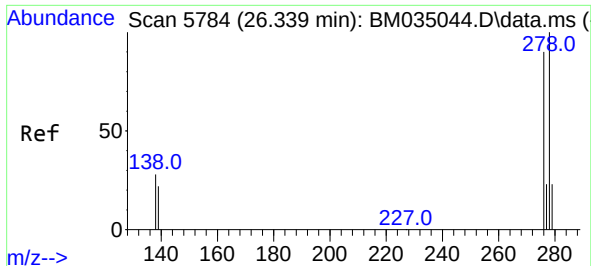


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.191 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



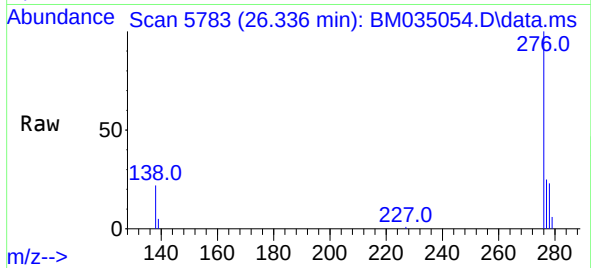
Tgt Ion:276 Resp: 282687
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.982 ng/ul m
RT: 26.336 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42

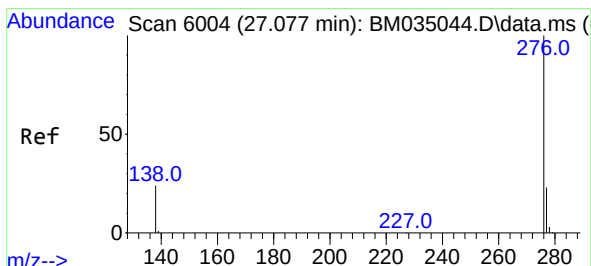
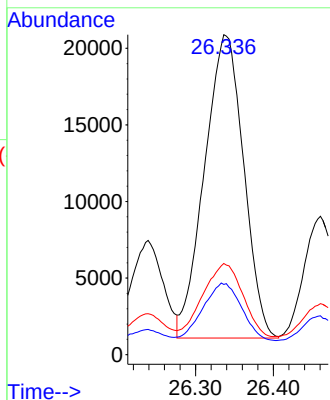
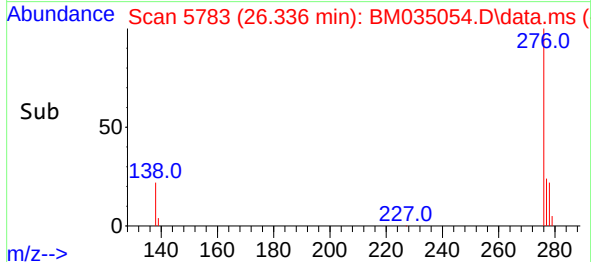
Instrument :
BNA_M
ClientSampleId :
EW4A0DL



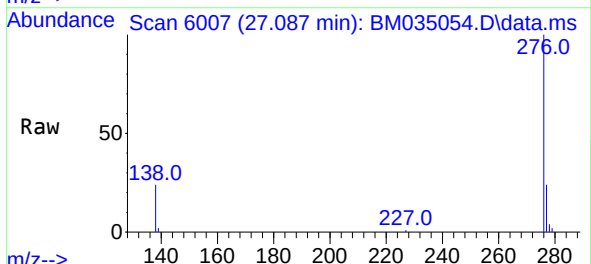
Tgt Ion:278 Resp: 6920
Ion Ratio Lower Upper
278 100
139 21.9 18.0 27.0
279 28.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.821 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035054.D
Acq: 14 May 2022 07:42



Tgt Ion:276 Resp: 214961
Ion Ratio Lower Upper
276 100
138 24.1 17.4 26.0
277 24.4 22.6 33.8

