

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035053.D
 Acq On : 14 May 2022 07:06
 Operator : CG/JU
 Sample : N2603-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A0

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:29:26 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	4321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	13809	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	9730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	20315	0.400	ng/ul	0.00
17) Chrysene-d12	21.476	240	18412	0.400	ng/ul	# 0.00
23) Perylene-d12	23.864	264	19141	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	19085	3.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7056	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	20058	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	153443	3.365	ng/ul#	87
7) 2-Methylnaphthalene	12.382	142	42041	1.404	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	31601	1.134	ng/ul	99
10) Acenaphthylene	14.270	152	29232	0.507	ng/ul	92
11) Acenaphthene	14.612	153	222021	5.339	ng/ul	94
12) Fluorene	15.597	166	293504	6.036	ng/ul#	98
14) Pentachlorophenol	16.950	266	310	0.040	ng/ul	93
15) Phenanthrene	17.338	178	3961489	51.193	ng/ul	95
16) Anthracene	17.427	178	1190799	16.893	ng/ul#	91
19) Fluoranthene	19.359	202	5948579	57.528	ng/ul	97
20) Pyrene	19.717	202	4952945	47.160	ng/ul	96
21) Benzo(a)anthracene	21.462	228	2633996	30.913	ng/ul	99
22) Chrysene	21.514	228	2352926	26.539	ng/ul	98
24) Benzo(b)fluoranthene	23.145	252	3024225	30.129	ng/ul	87
25) Benzo(k)fluoranthene	23.186	252	943538m	9.849	ng/ul	
26) Benzo(a)pyrene	23.765	252	2072687	22.700	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.339	276	1171955	12.970	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.343	278	293316m	4.081	ng/ul	
29) Benzo(g,h,i)perylene	27.101	276	877989	11.296	ng/ul	94

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

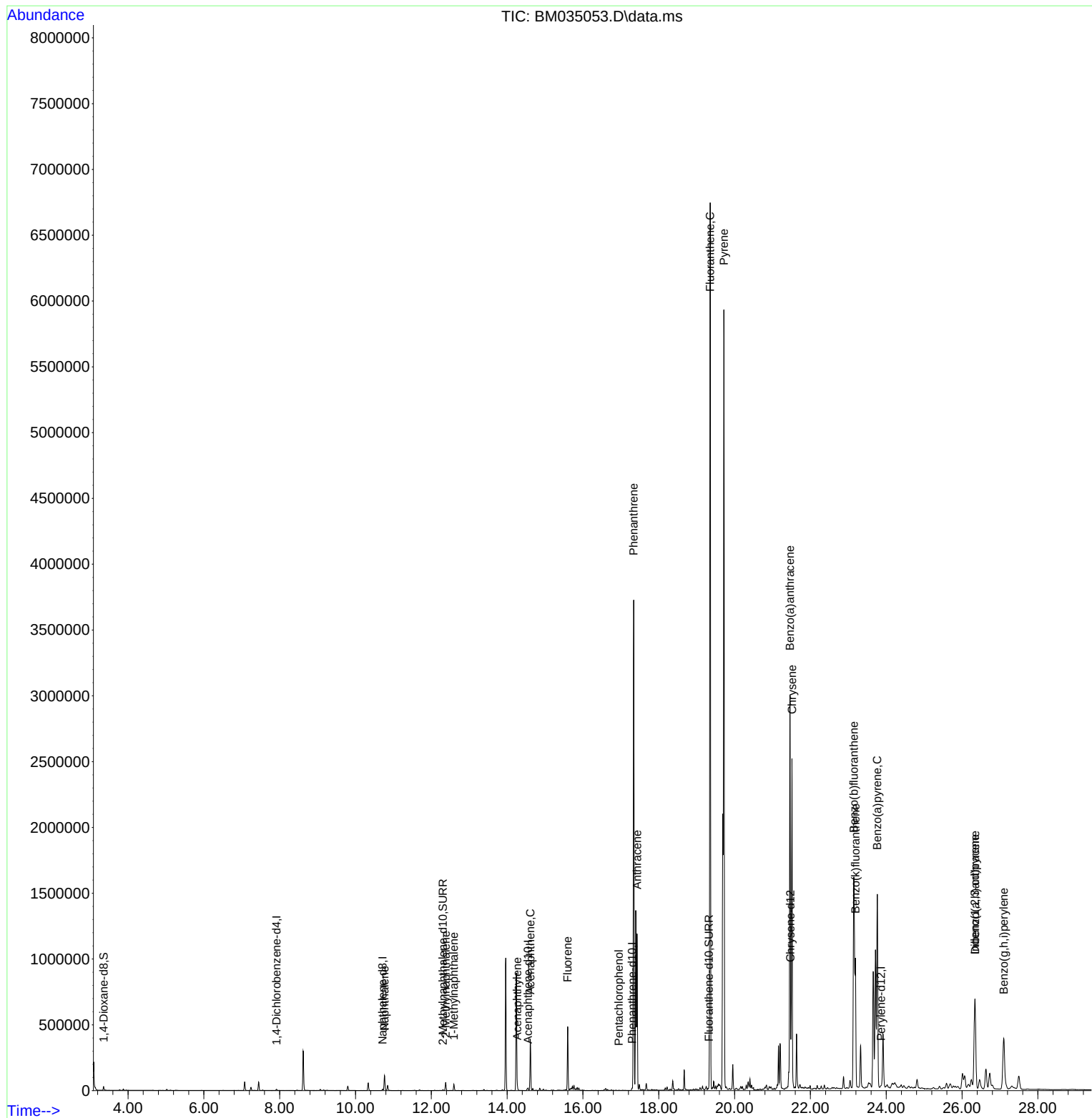
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035053.D
Acq On : 14 May 2022 07:06
Operator : CG/JU
Sample : N2603-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

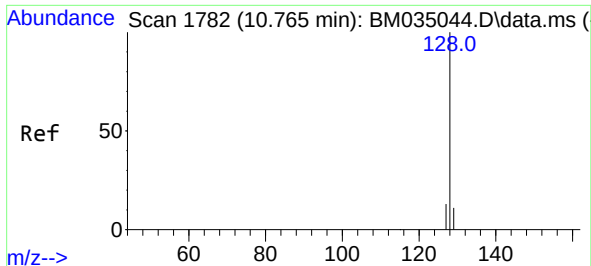
Instrument :
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Supervised By :Yogesh Patel 05/17/2022

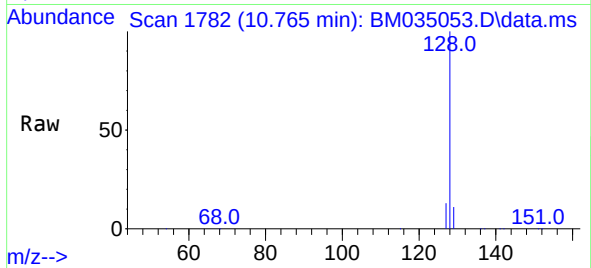
Quant Time: May 15 01:29:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.365 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

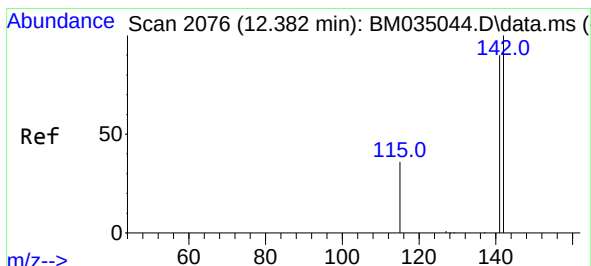
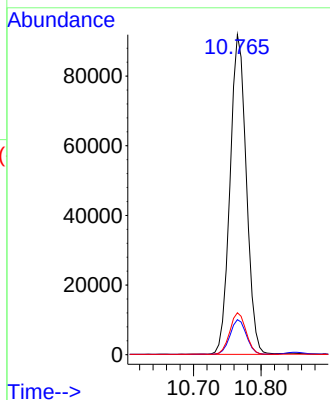
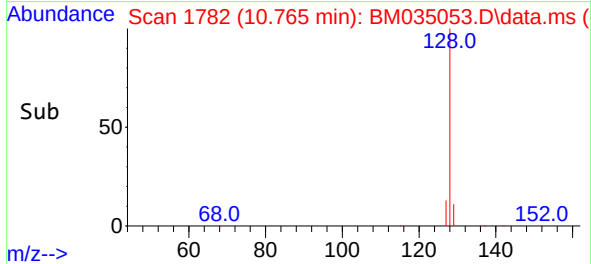
Instrument :
BNA_M
ClientSampleId :
EW4A0



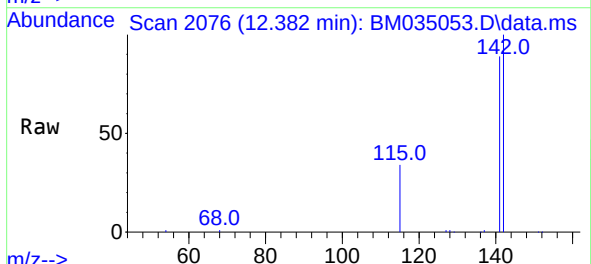
Tgt Ion:128 Resp: 15344
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2
127 13.1 15.2 22.8

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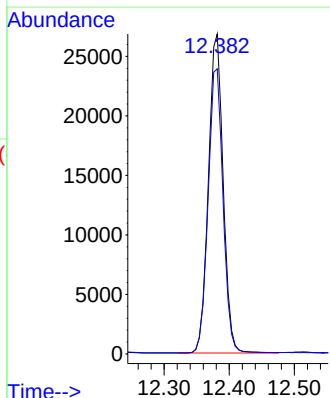
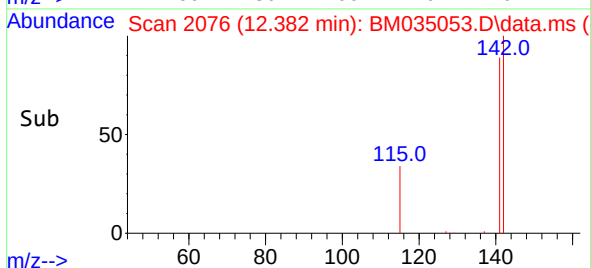
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

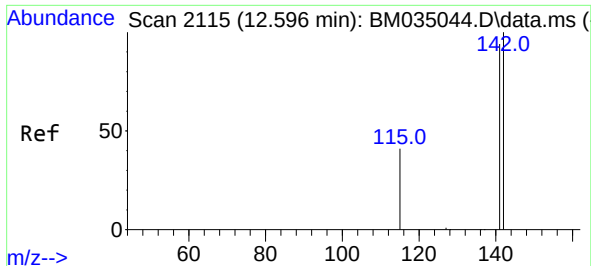


#7
2-Methylnaphthalene
Concen: 1.404 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06



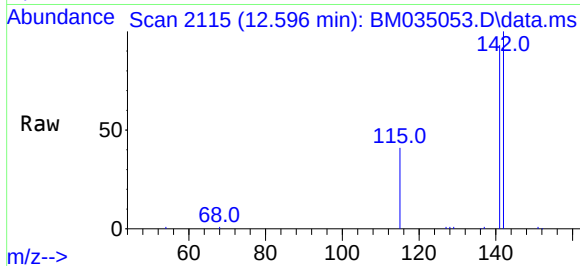
Tgt Ion:142 Resp: 42041
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 1.134 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

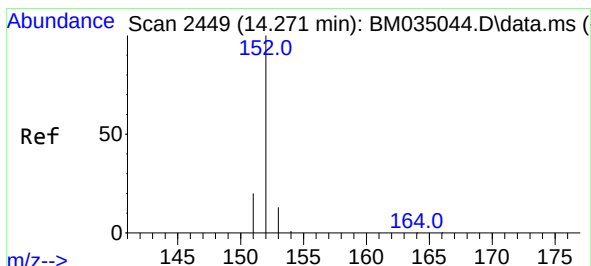
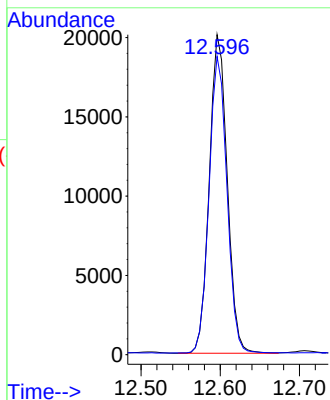
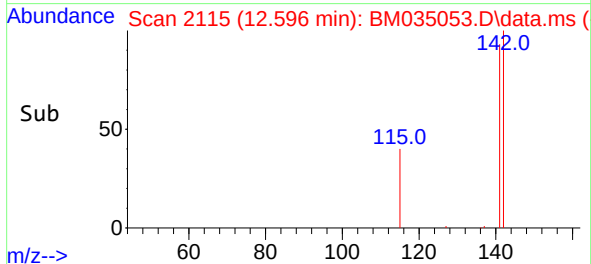
Instrument :
BNA_M
ClientSampleId :
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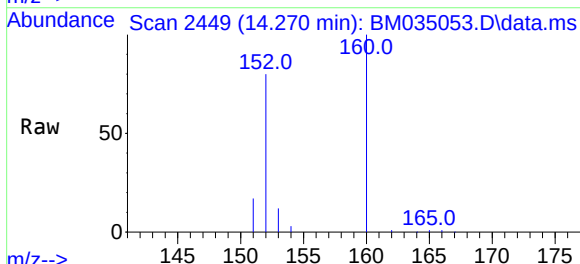
Tgt Ion:142 Resp: 3160
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

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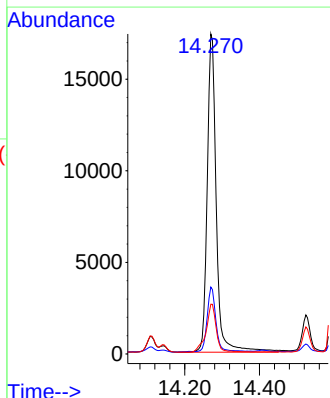
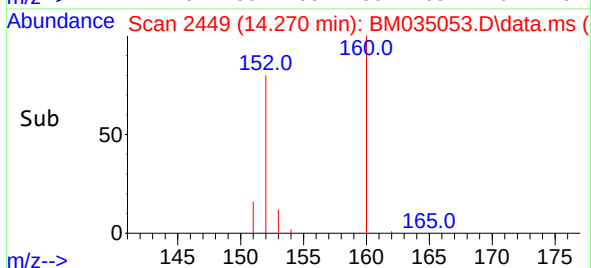
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

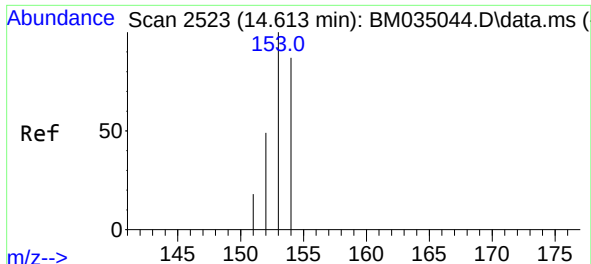


#10
Acenaphthylene
Concen: 0.507 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06



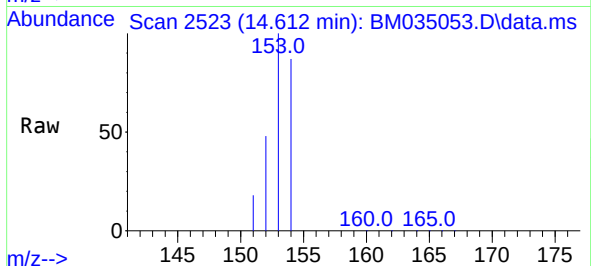
Tgt Ion:152 Resp: 29232
Ion Ratio Lower Upper
152 100
151 20.9 19.9 29.9
153 15.5 15.0 22.4





#11
Acenaphthene
Concen: 5.339 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

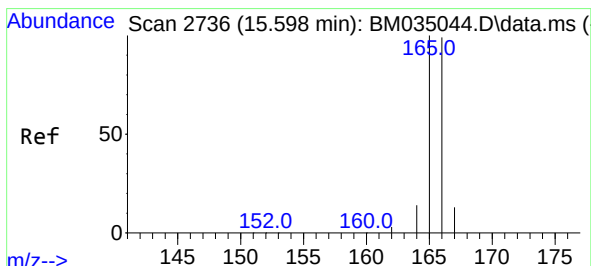
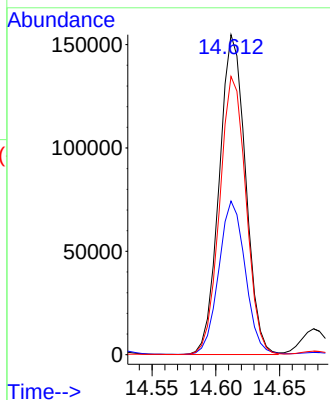
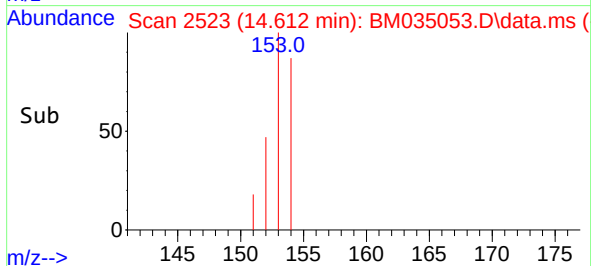
Instrument :
BNA_M
ClientSampleId :
EW4A0



Tgt Ion:153 Resp: 222021
Ion Ratio Lower Upper
153 100
152 48.0 42.4 63.6
154 86.9 66.2 99.2

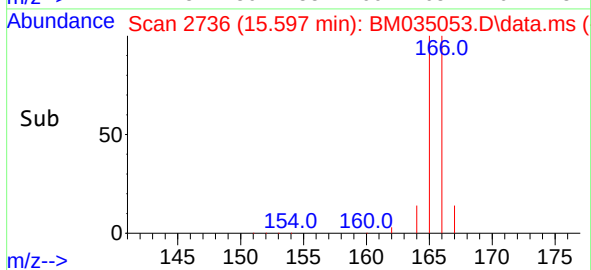
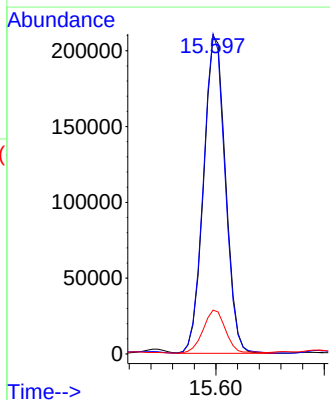
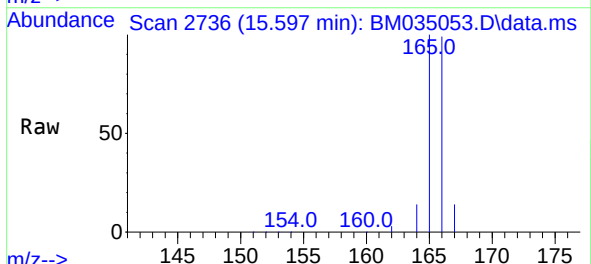
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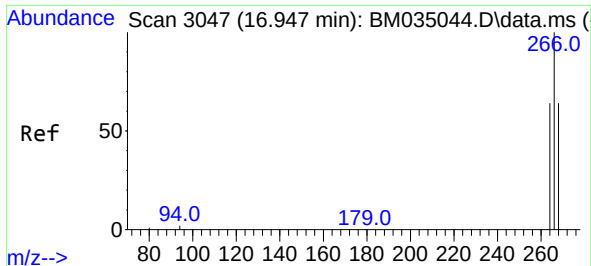
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 6.036 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

Tgt Ion:166 Resp: 293504
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 13.8 14.9 22.3#





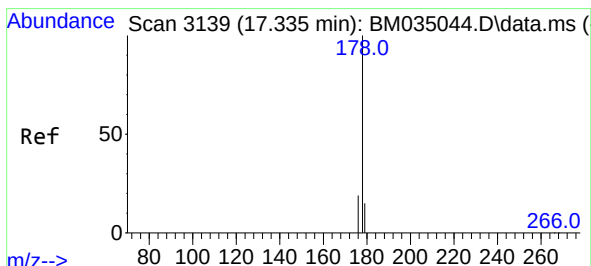
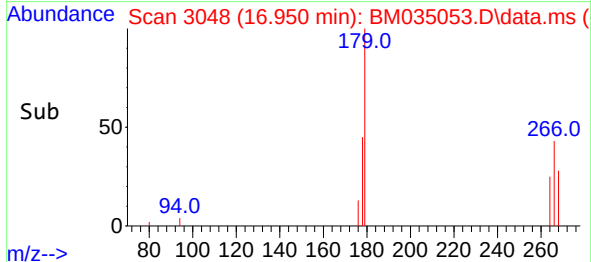
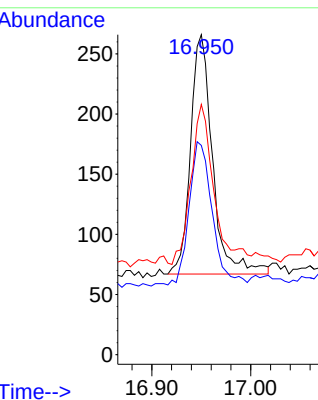
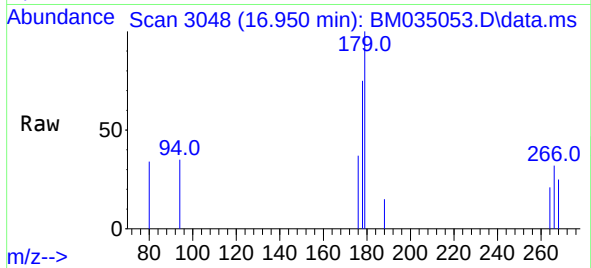
#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.950 min Scan# 310
Delta R.T. 0.004 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

Instrument :
BNA_M
ClientSampleId :
EW4A0

Tgt Ion:266 Resp: 310
Ion Ratio Lower Upper
266 100
264 60.3 51.4 77.0
268 72.9 53.1 79.7

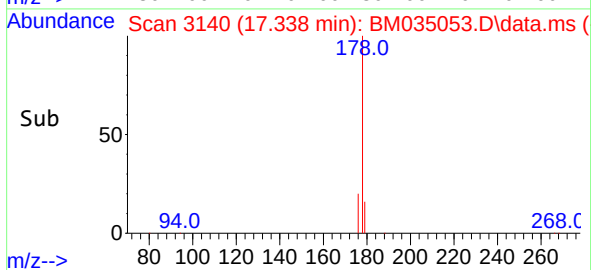
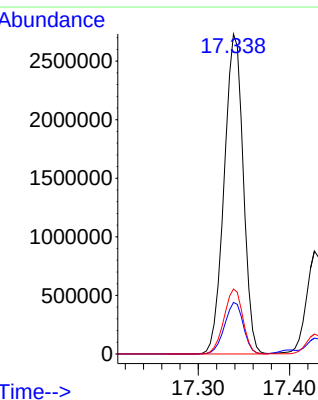
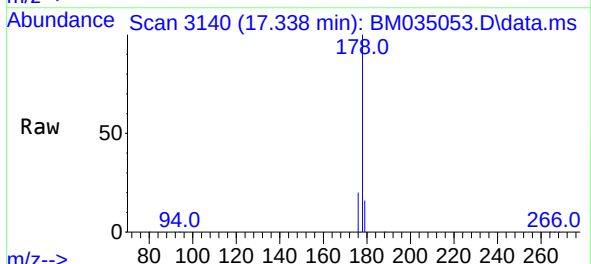
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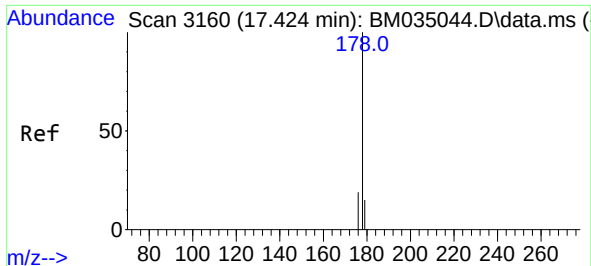
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#15
Phenanthrene
Concen: 51.193 ng/ul
RT: 17.338 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

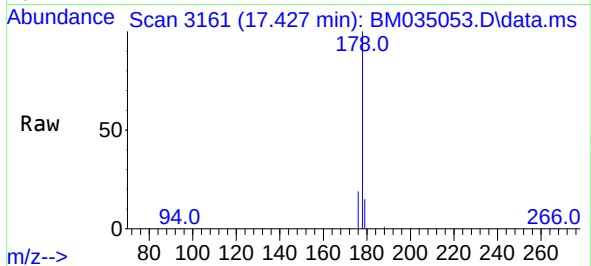
Tgt Ion:178 Resp: 3961489
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 20.3 17.9 26.9





#16
 Anthracene
 Concen: 16.893 ng/u1
 RT: 17.427 min Scan# 3160
 Delta R.T. -0.000 min
 Lab File: BM035053.D
 Acq: 14 May 2022 07:06

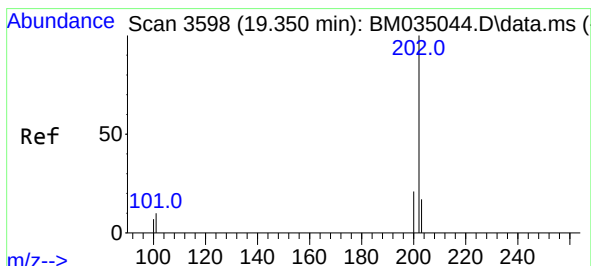
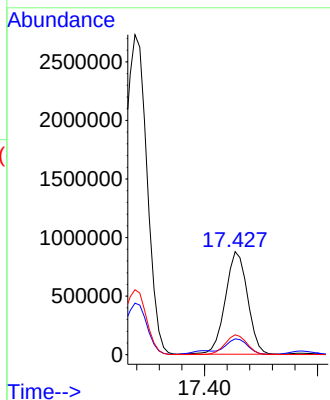
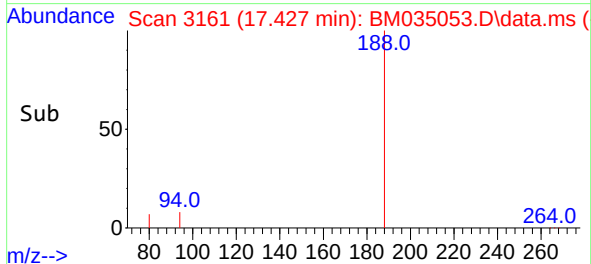
Instrument :
 BNA_M
 ClientSampleId :
 EW4A0



Tgt Ion:178 Resp: 1190799
 Ion Ratio Lower Upper
 178 100
 179 15.5 16.5 24.7
 176 19.3 18.3 27.5

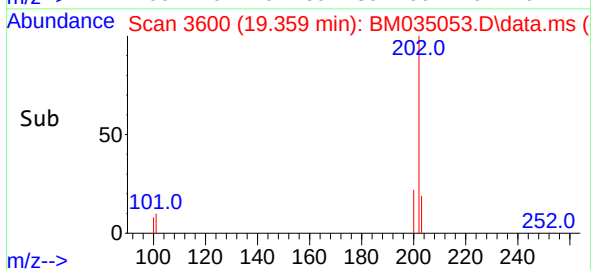
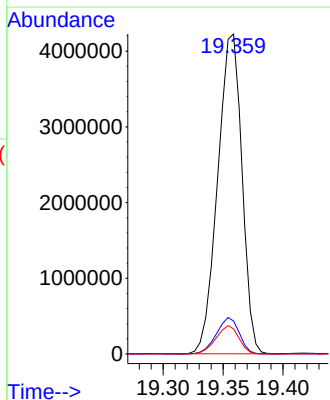
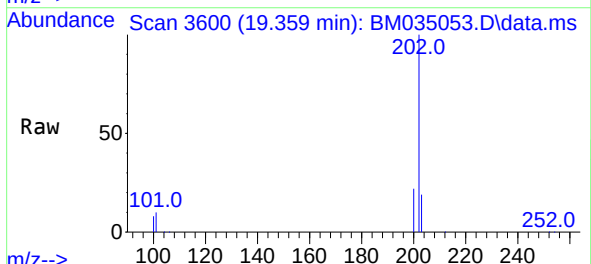
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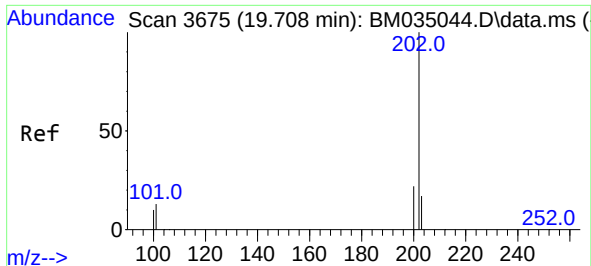
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022



#19
 Fluoranthene
 Concen: 57.528 ng/u1
 RT: 19.359 min Scan# 3600
 Delta R.T. 0.009 min
 Lab File: BM035053.D
 Acq: 14 May 2022 07:06

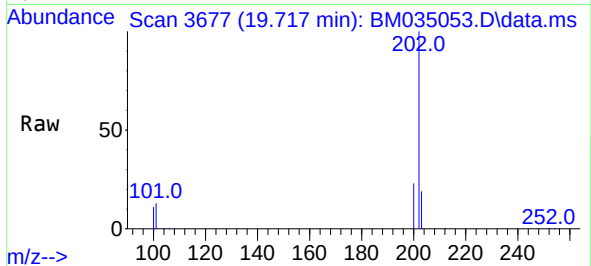
Tgt Ion:202 Resp: 5948579
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.2 13.8
 100 7.8 7.2 10.8





#20
Pyrene
Concen: 47.160 ng/u1
RT: 19.717 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

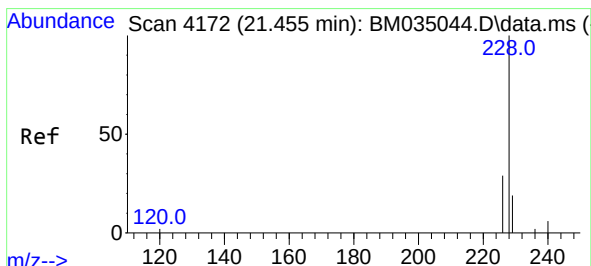
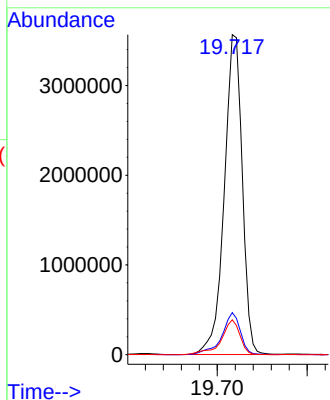
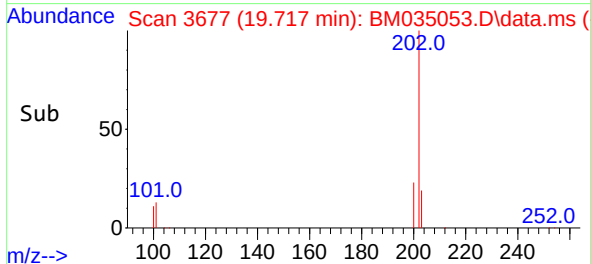
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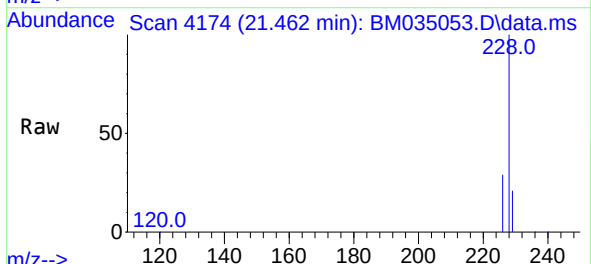
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Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 10.9 7.8 11.6

Manual Integrations
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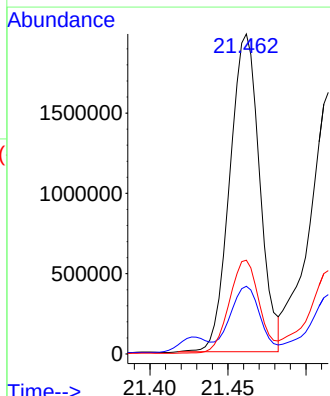
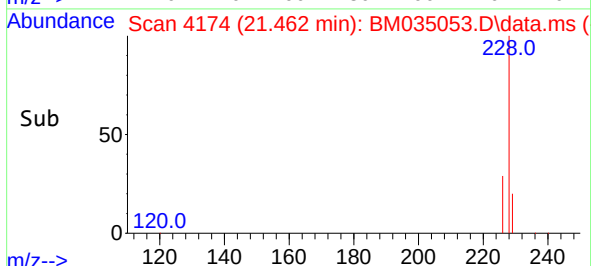
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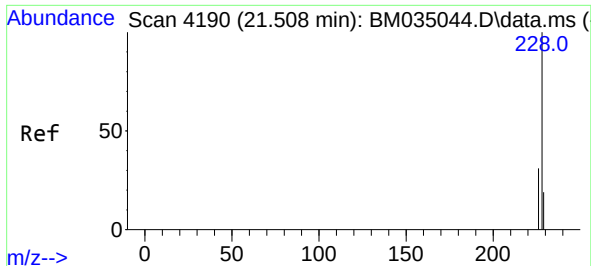


#21
Benzo(a)anthracene
Concen: 30.913 ng/u1
RT: 21.462 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06



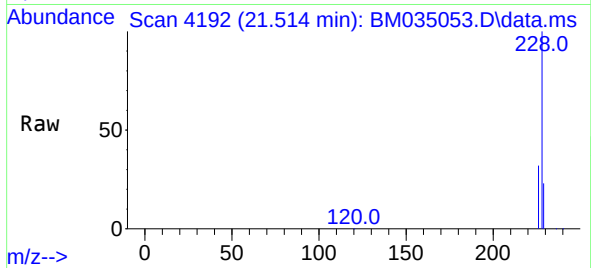
Tgt Ion:228 Resp: 2633996
Ion Ratio Lower Upper
228 100
229 21.2 17.3 25.9
226 29.3 23.2 34.8





#22
Chrysene
Concen: 26.539 ng/u1
RT: 21.514 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

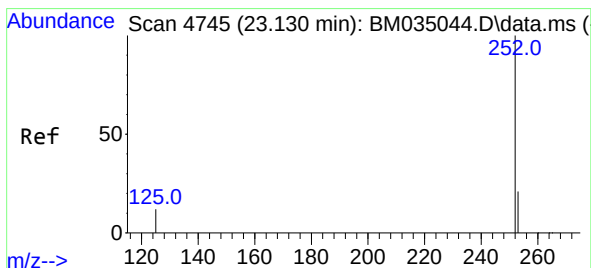
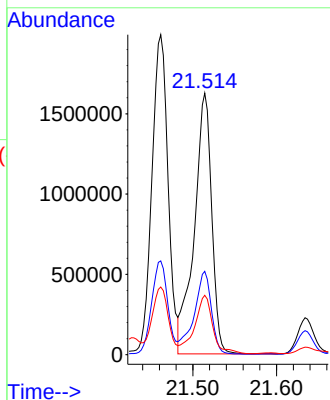
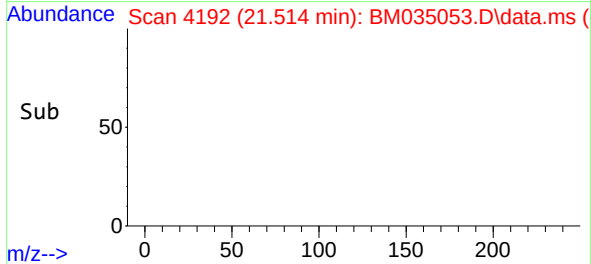
Instrument :
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ClientSampleId :
EW4A0



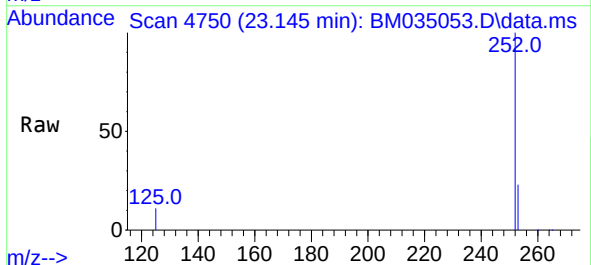
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Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 22.7 16.7 25.1

Manual Integrations
APPROVED

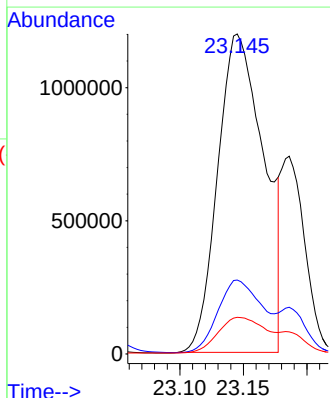
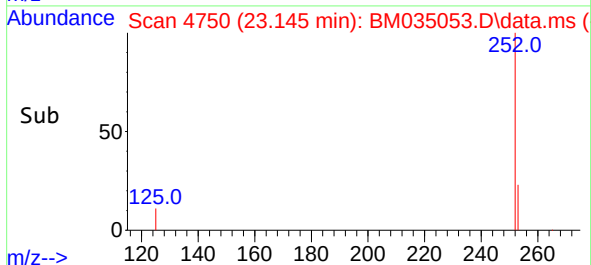
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

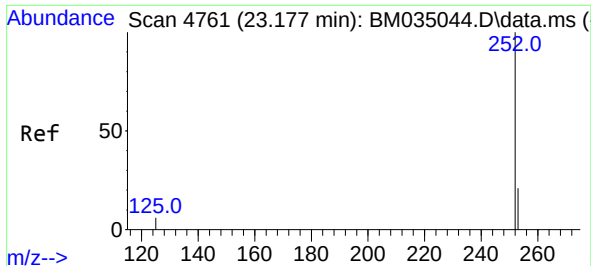


#24
Benzo(b)fluoranthene
Concen: 30.129 ng/u1
RT: 23.145 min Scan# 4750
Delta R.T. 0.012 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06



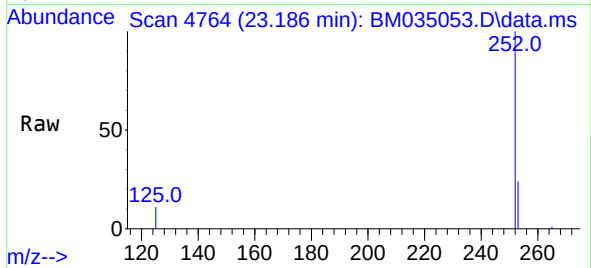
Tgt Ion:252 Resp: 3024225
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 11.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 9.849 ng/ul m
RT: 23.186 min Scan# 4761
Delta R.T. 0.006 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

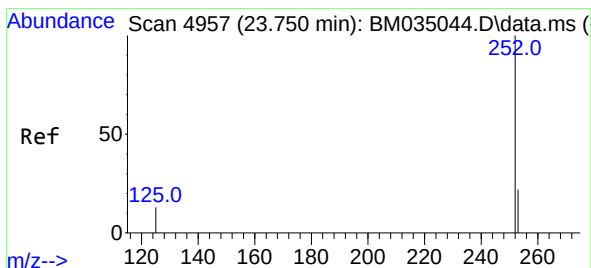
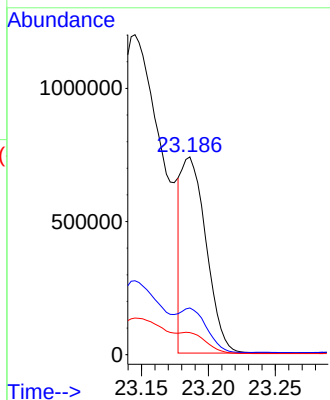
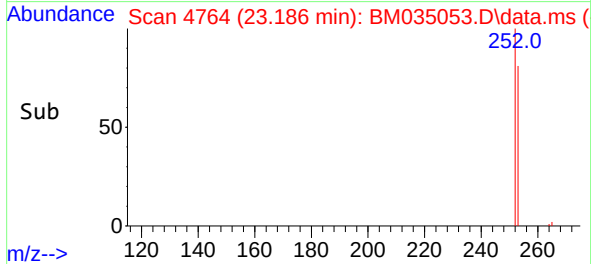
Instrument :
BNA_M
ClientSampleId :
EW4A0



Tgt Ion:252 Resp: 943538
Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2
125 11.2 12.0 18.0

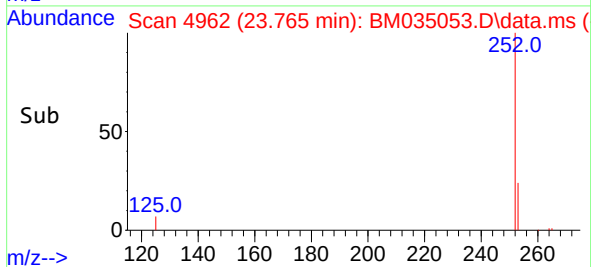
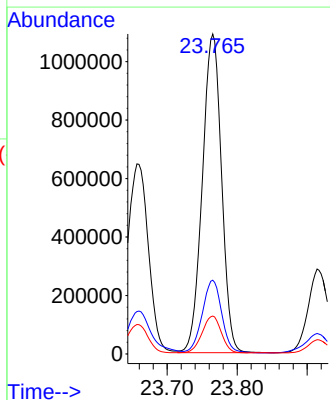
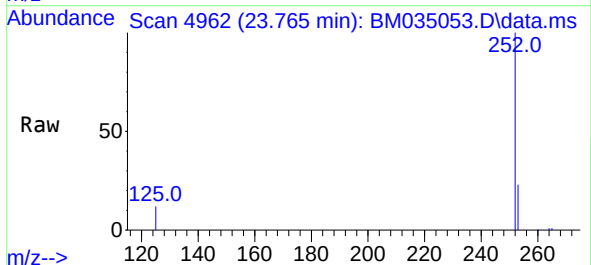
Manual Integrations
APPROVED

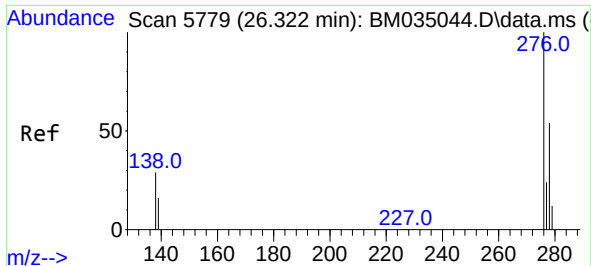
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#26
Benzo(a)pyrene
Concen: 22.700 ng/ul
RT: 23.765 min Scan# 4962
Delta R.T. 0.015 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

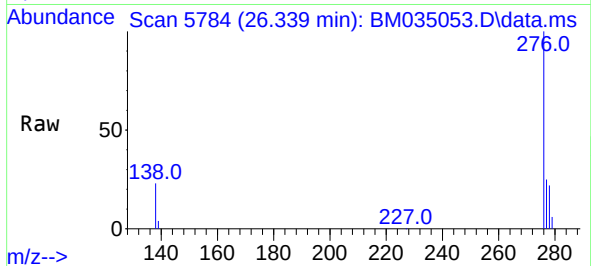
Tgt Ion:252 Resp: 2072687
Ion Ratio Lower Upper
252 100
253 23.1 32.0 48.0#
125 11.9 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 12.970 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. 0.013 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

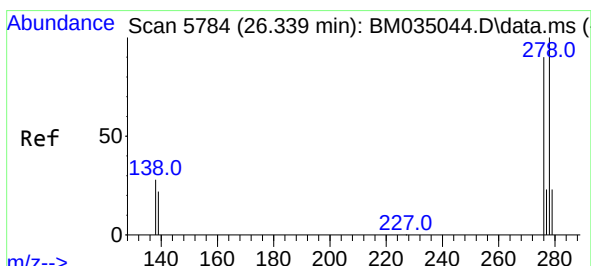
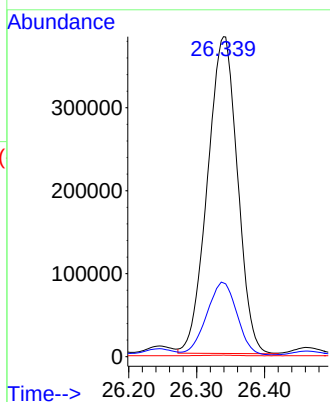
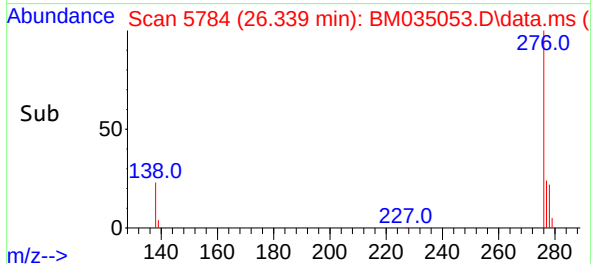
Instrument :
BNA_M
ClientSampleId :
EW4A0



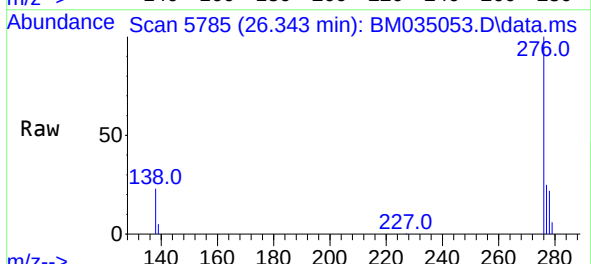
Tgt Ion:276 Resp: 117195
Ion Ratio Lower Upper
276 100
138 23.1 15.8 23.6
227 0.2 0.0 0.0

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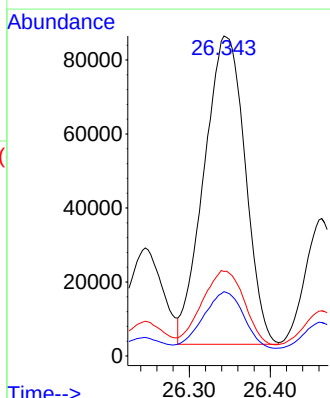
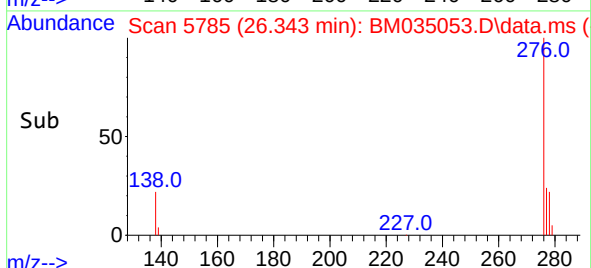
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

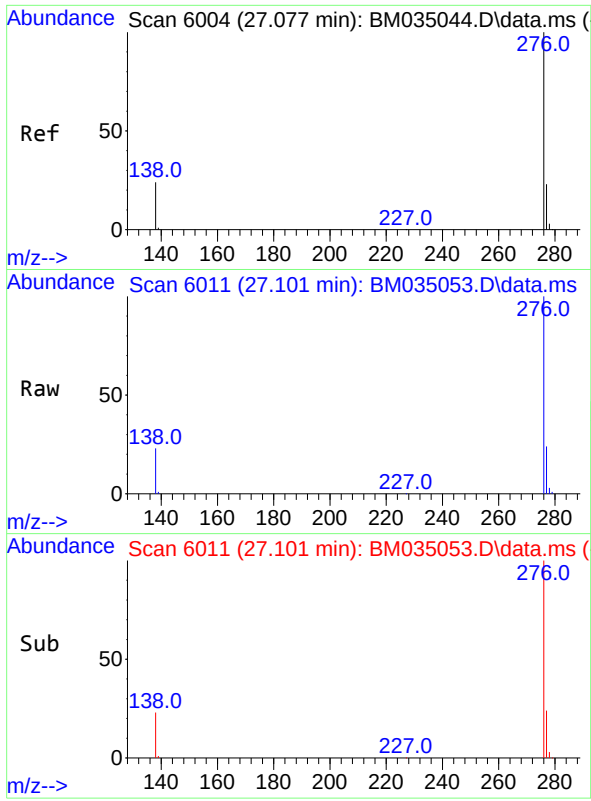


#28
Dibenzo(a,h)anthracene
Concen: 4.081 ng/ul m
RT: 26.343 min Scan# 5785
Delta R.T. -0.000 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06



Tgt Ion:278 Resp: 293316
Ion Ratio Lower Upper
278 100
139 20.1 18.0 27.0
279 26.4 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 11.296 ng/ul
RT: 27.101 min Scan# 6011
Delta R.T. 0.020 min
Lab File: BM035053.D
Acq: 14 May 2022 07:06

Instrument :
BNA_M
ClientSampleId :
EW4A0

Tgt Ion:276 Resp: 877989
Ion Ratio Lower Upper
276 100
138 23.4 17.4 26.0
277 24.3 22.6 33.8

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 05/17/2022

