

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035055.D
 Acq On : 14 May 2022 08:17
 Operator : CG/JU
 Sample : N2603-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A2

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:29:38 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	5714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	17907	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	12606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	25172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.476	240	18629	0.400	ng/ul	# 0.00
23) Perylene-d12	23.864	264	16578	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	26401	3.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8927	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	22240	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	276973	4.684	ng/ul#	87
7) 2-Methylnaphthalene	12.376	142	117368	3.023	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	76725	2.124	ng/ul	99
10) Acenaphthylene	14.274	152	141227	1.891	ng/ul#	90
11) Acenaphthene	14.612	153	128673	2.388	ng/ul	94
12) Fluorene	15.602	166	762863	12.109	ng/ul#	95
15) Phenanthrene	17.343	178	5439258	56.727	ng/ul	96
16) Anthracene	17.427	178	1349035m	15.445	ng/ul	
19) Fluoranthene	19.359	202	6950041	66.431	ng/ul	99
20) Pyrene	19.721	202	5580295	52.514	ng/ul	98
21) Benzo(a)anthracene	21.462	228	2686617	31.164	ng/ul	99
22) Chrysene	21.514	228	2429195	27.080	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	2622857	30.170	ng/ul	87
25) Benzo(k)fluoranthene	23.186	252	839332m	10.116	ng/ul	
26) Benzo(a)pyrene	23.765	252	1874614	23.704	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.339	276	1130589	14.446	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.346	278	274430m	4.409	ng/ul	
29) Benzo(g,h,i)perylene	27.101	276	908102	13.489	ng/ul	94

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

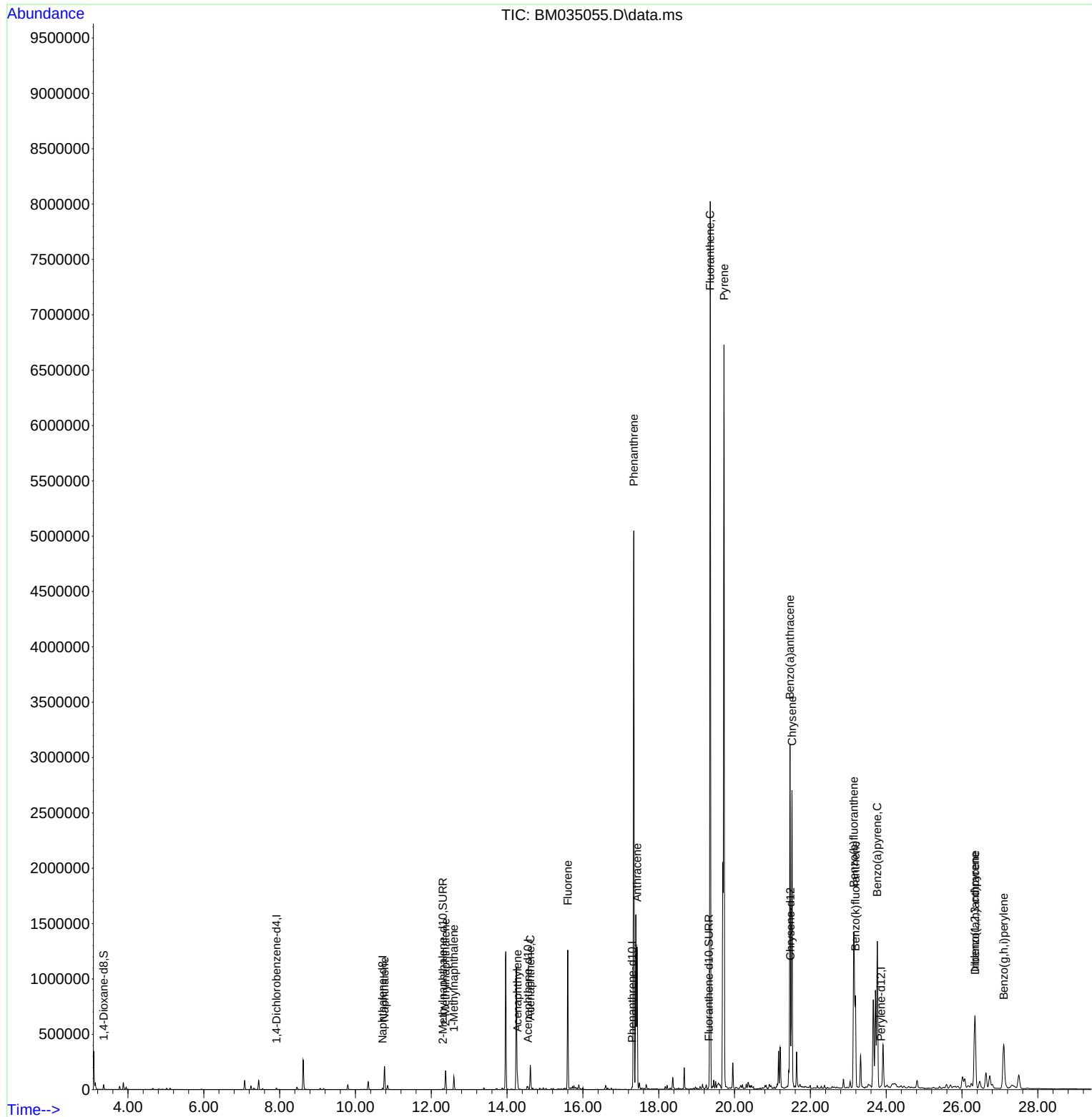
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035055.D
Acq On : 14 May 2022 08:17
Operator : CG/JU
Sample : N2603-23
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ALS Vial : 29 Sample Multiplier: 1

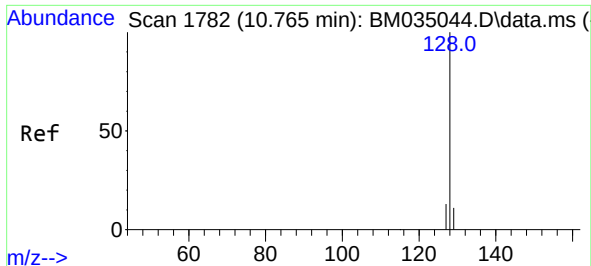
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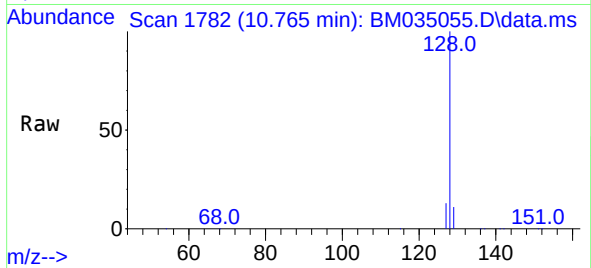
Quant Time: May 15 01:29:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.684 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

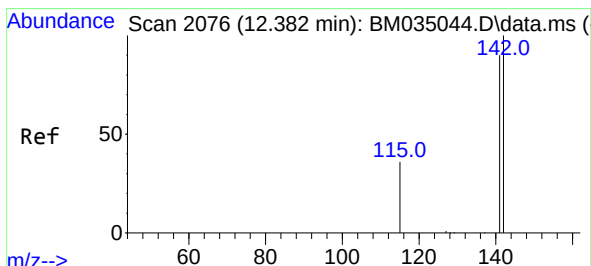
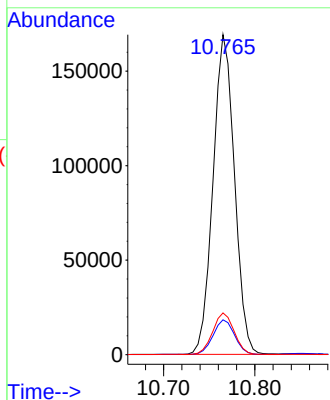
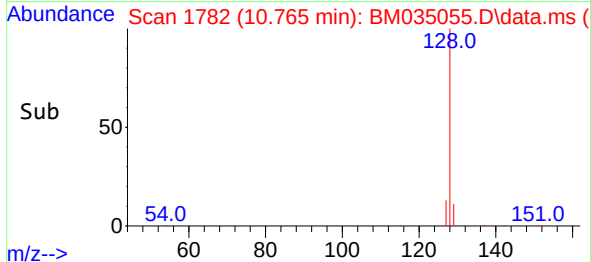
Instrument :
BNA_M
ClientSampleId :
EW4A2



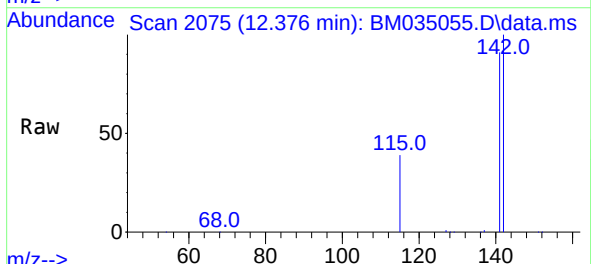
Tgt Ion:128 Resp: 27697
Ion Ratio Lower Upper
128 100
129 10.9 13.4 20.2
127 13.1 15.2 22.8

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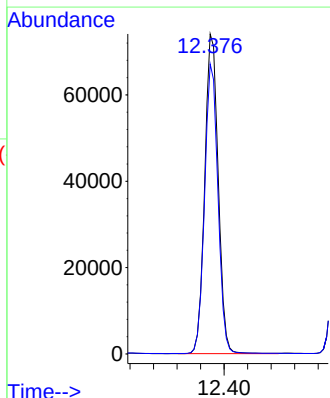
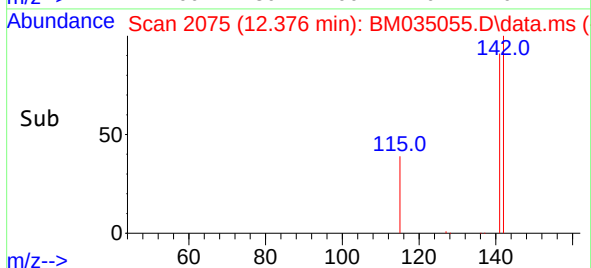
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

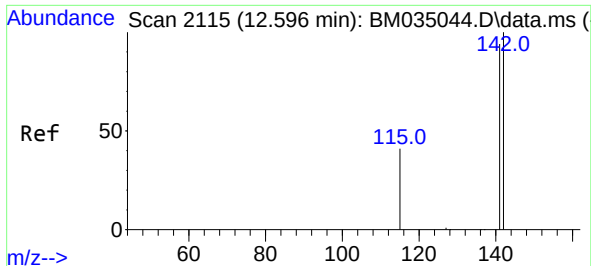


#7
2-Methylnaphthalene
Concen: 3.023 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



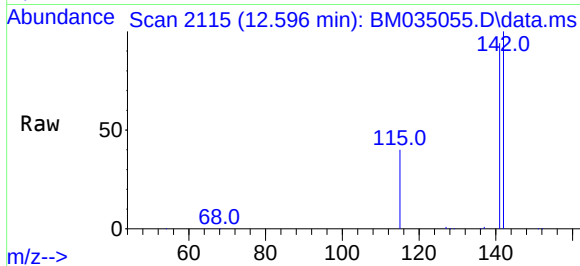
Tgt Ion:142 Resp: 117368
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 2.124 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

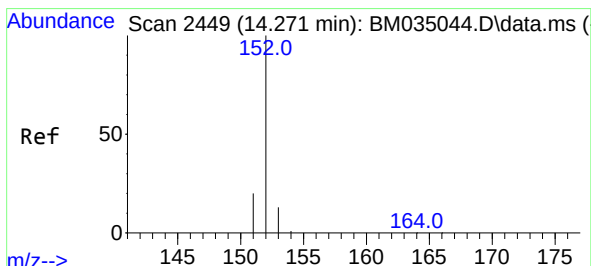
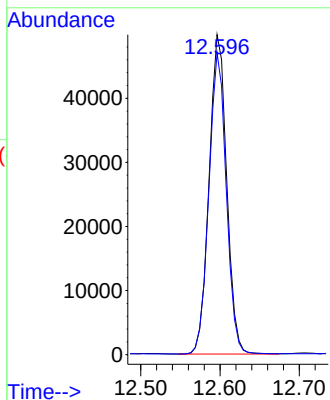
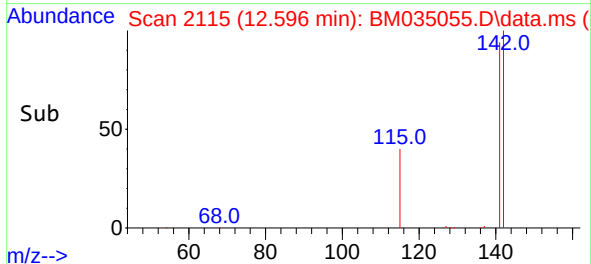
Instrument :
BNA_M
ClientSampleId :
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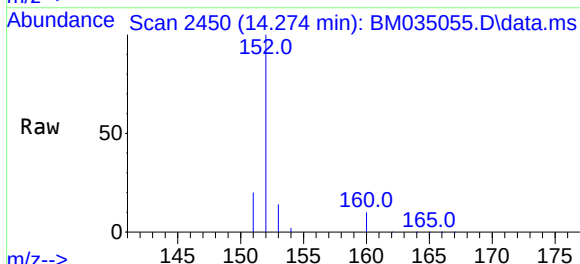
Tgt Ion:142 Resp: 76725
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

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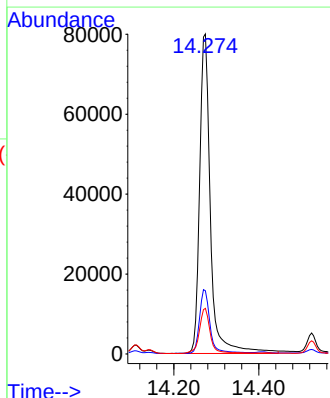
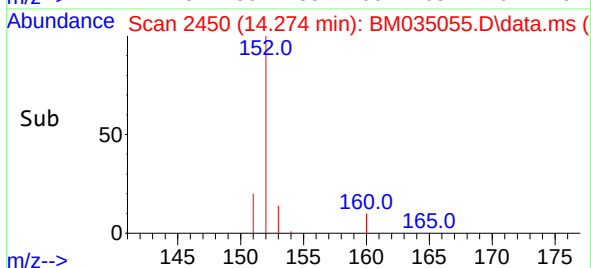
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

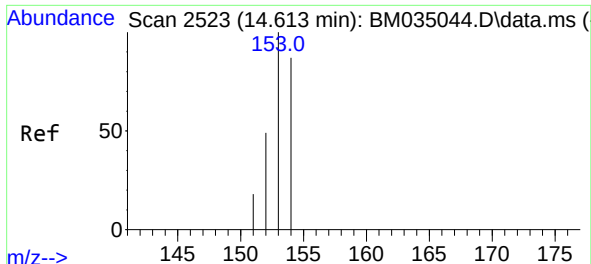


#10
Acenaphthylene
Concen: 1.891 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



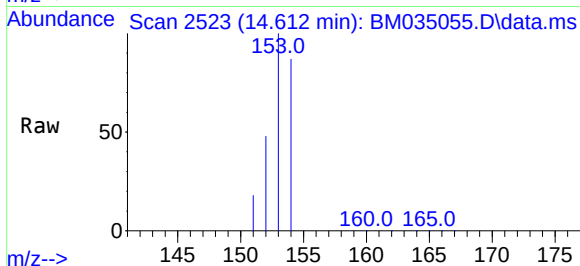
Tgt Ion:152 Resp: 141227
Ion Ratio Lower Upper
152 100
151 19.8 19.9 29.9#
153 14.3 15.0 22.4#





#11
Acenaphthene
Concen: 2.388 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

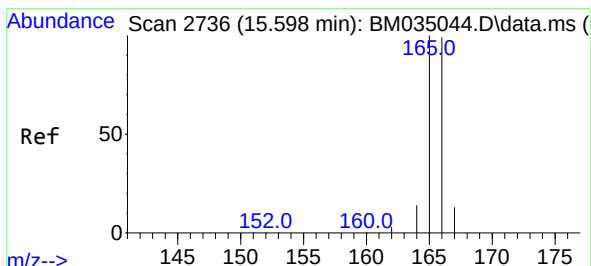
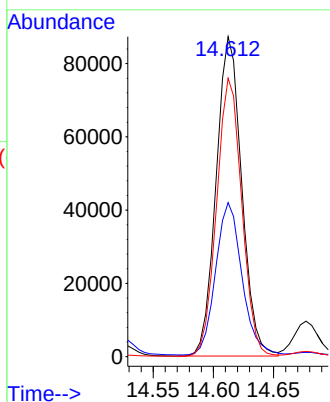
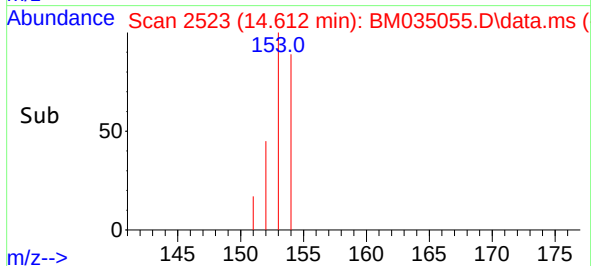
Instrument :
BNA_M
ClientSampleId :
EW4A2



Tgt Ion:153 Resp: 12867
Ion Ratio Lower Upper
153 100
152 48.2 42.4 63.6
154 87.0 66.2 99.2

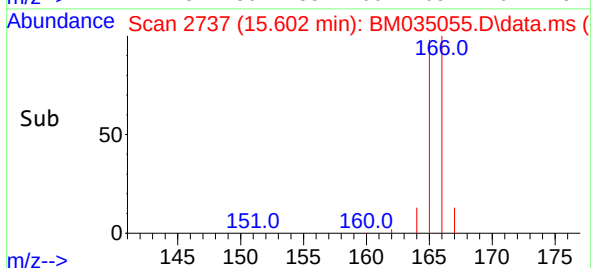
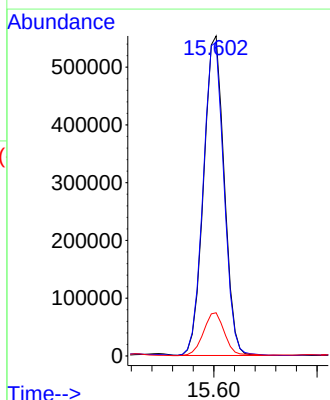
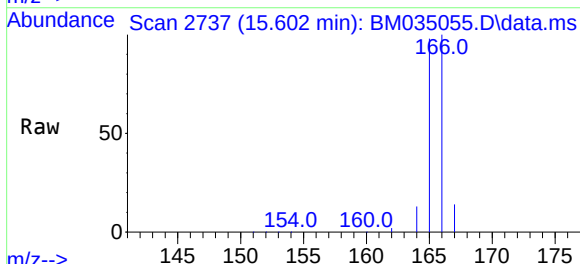
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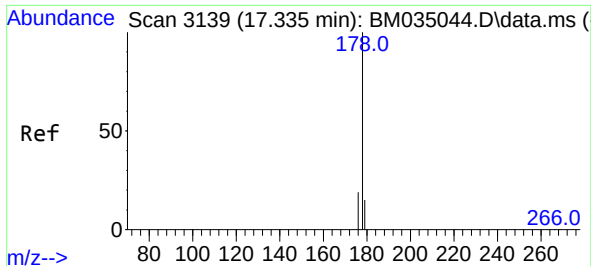
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 12.109 ng/u1
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

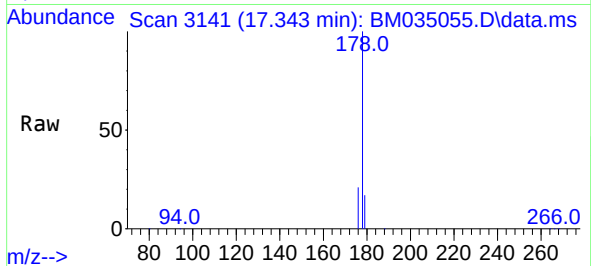
Tgt Ion:166 Resp: 762863
Ion Ratio Lower Upper
166 100
165 98.0 81.1 121.7
167 13.5 14.9 22.3#





#15
Phenanthrene
Concen: 56.727 ng/ul
RT: 17.343 min Scan# 3139
Delta R.T. 0.009 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

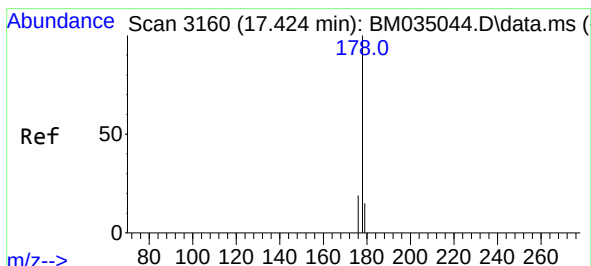
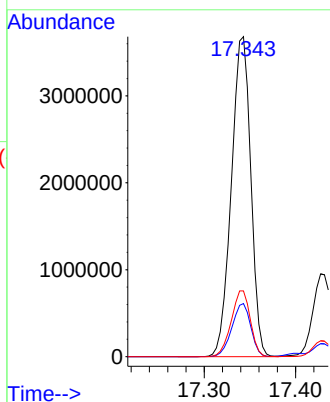
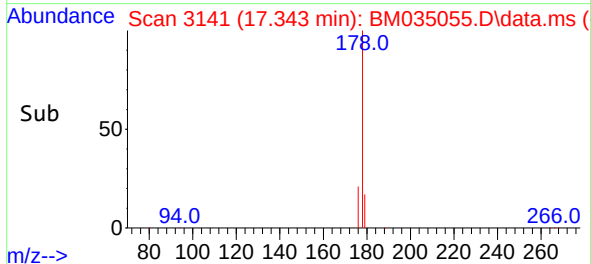
Instrument :
BNA_M
ClientSampleId :
EW4A2



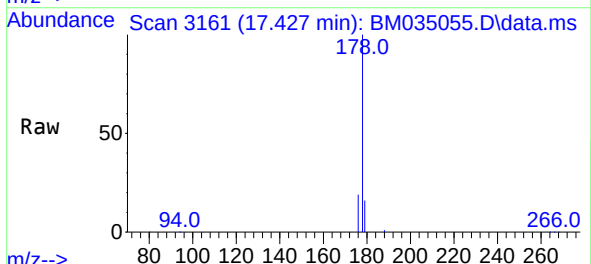
Tgt Ion:178 Resp: 5439258
Ion Ratio Lower Upper
178 100
179 16.6 15.0 22.6
176 20.5 17.9 26.9

Manual Integrations
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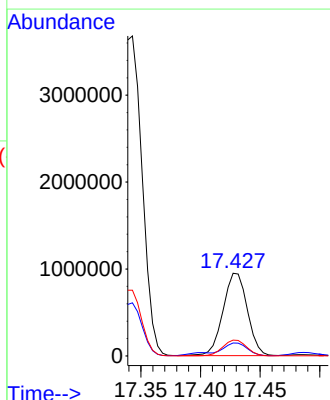
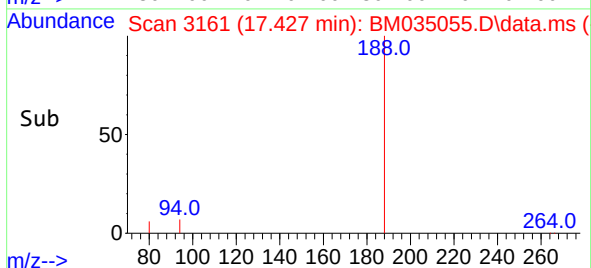
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Supervised By :Yogesh Patel 05/17/2022

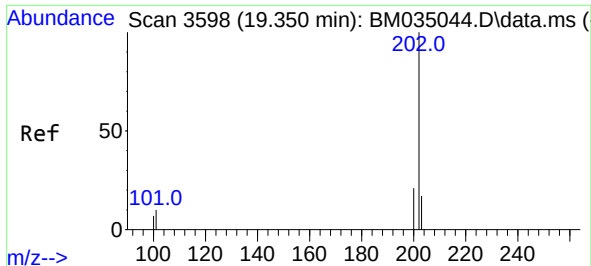


#16
Anthracene
Concen: 15.445 ng/ul m
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



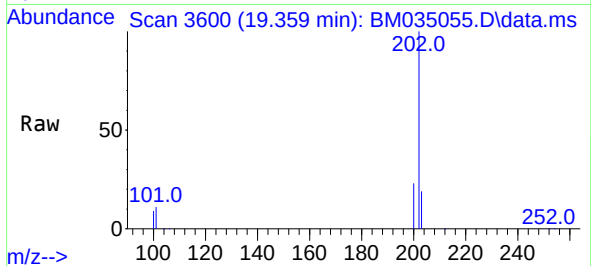
Tgt Ion:178 Resp: 1349035
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 66.431 ng/u1
RT: 19.359 min Scan# 30
Delta R.T. 0.009 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

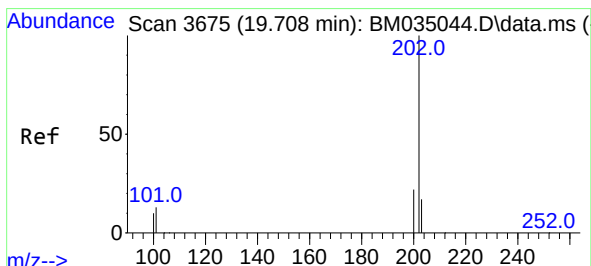
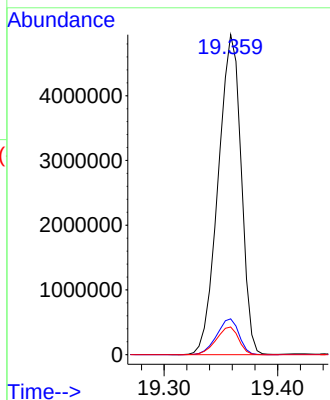
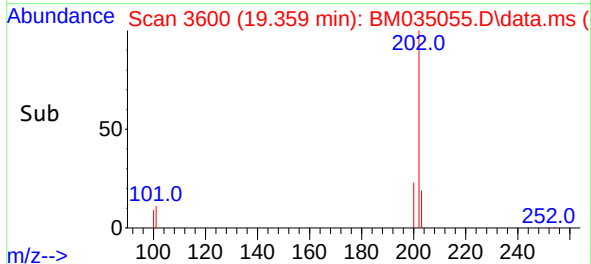
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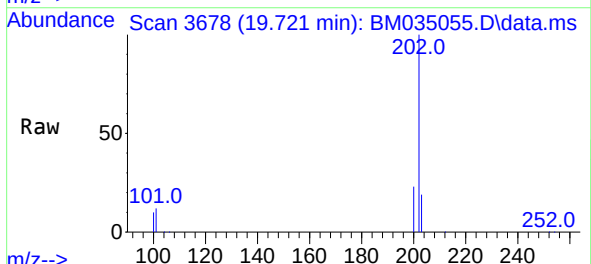
Tgt Ion:202 Resp: 695004
Ion Ratio Lower Upper
202 100
101 11.2 9.2 13.8
100 8.6 7.2 10.8

Manual Integrations
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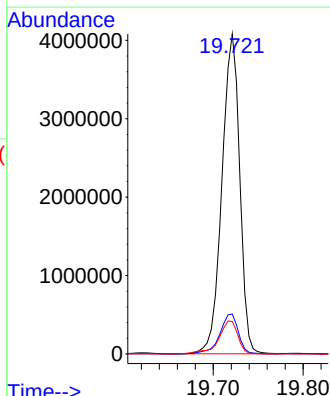
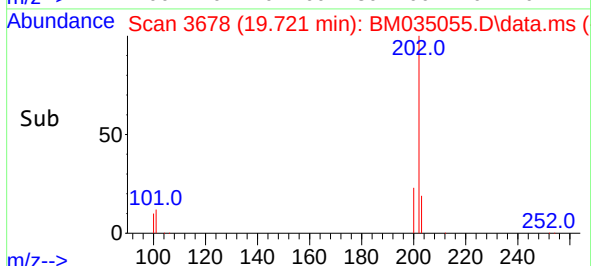
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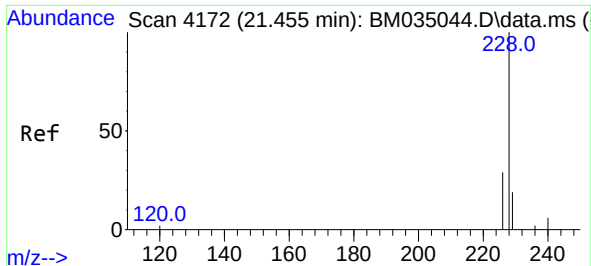


#20
Pyrene
Concen: 52.514 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. 0.009 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



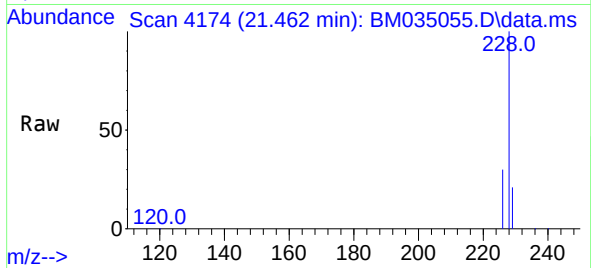
Tgt Ion:202 Resp: 5580295
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 31.164 ng/u1
RT: 21.462 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

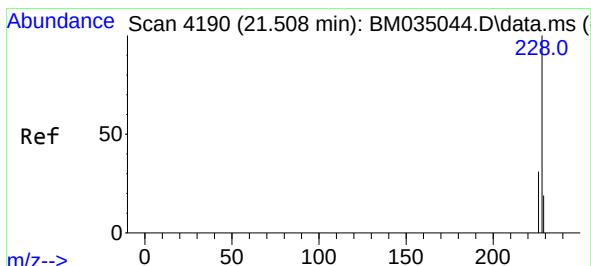
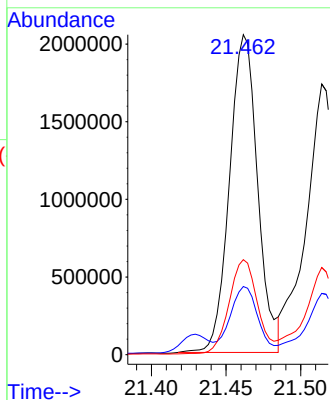
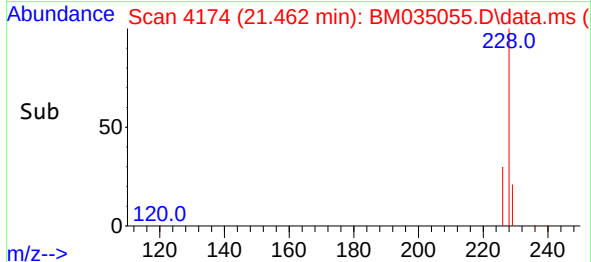
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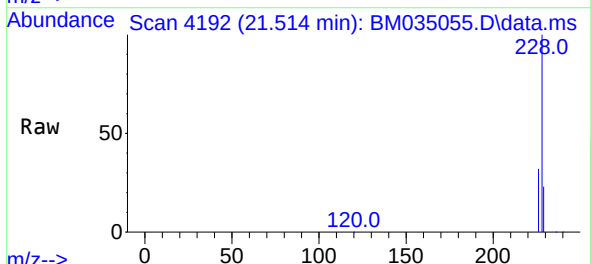
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Ion Ratio Lower Upper
228 100
229 21.3 17.3 25.9
226 29.7 23.2 34.8

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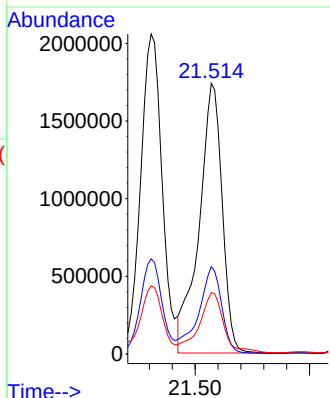
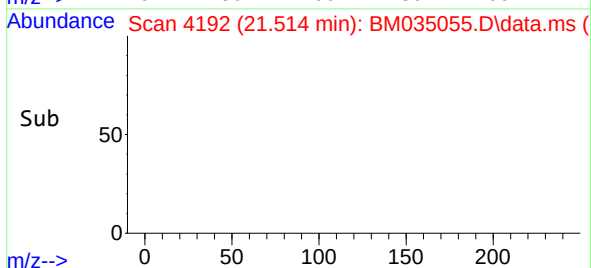
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

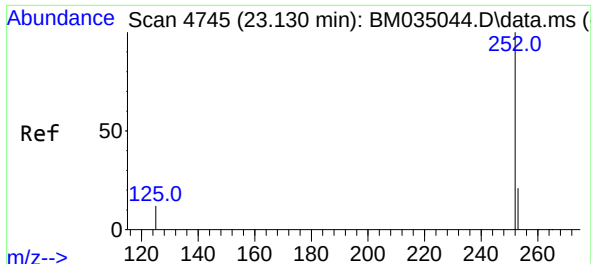


#22
Chrysene
Concen: 27.080 ng/u1
RT: 21.514 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



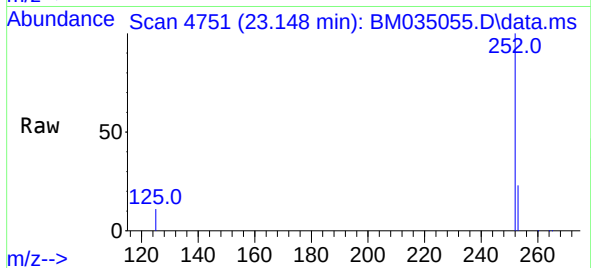
Tgt Ion:228 Resp: 2429195
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 22.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 30.170 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.014 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

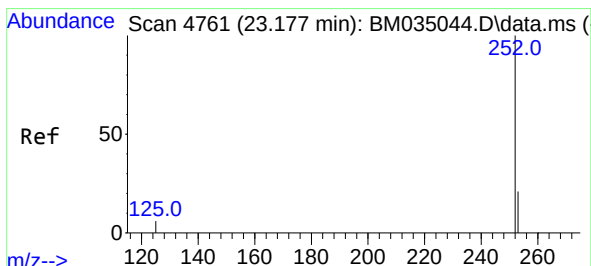
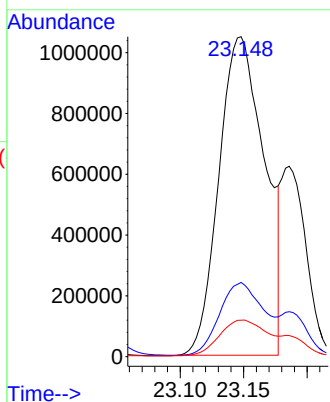
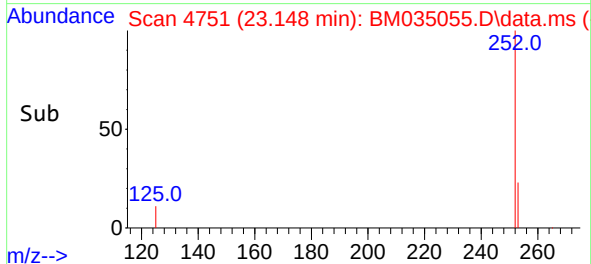
Instrument :
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ClientSampleId :
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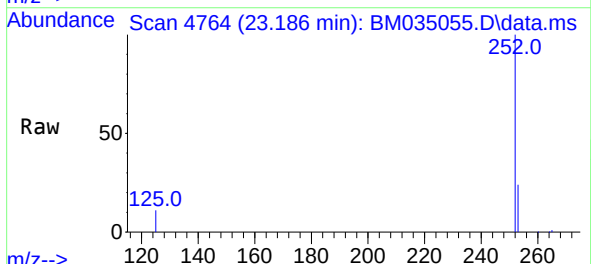
Tgt Ion:252 Resp: 262285
Ion Ratio Lower Upper
252 100
253 23.2 0.0 64.2
125 11.4 0.0 28.8

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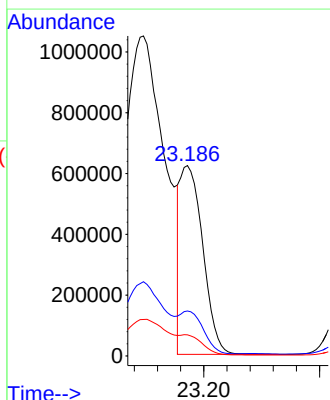
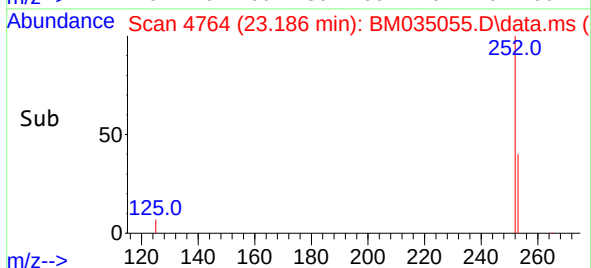
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

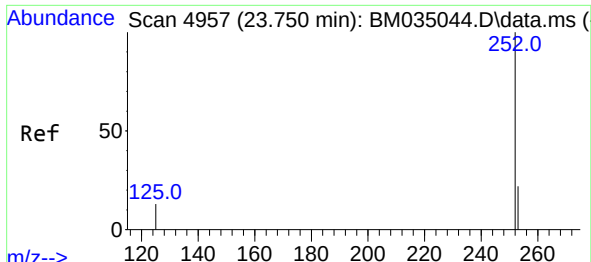


#25
Benzo(k)fluoranthene
Concen: 10.116 ng/ul m
RT: 23.186 min Scan# 4764
Delta R.T. 0.006 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



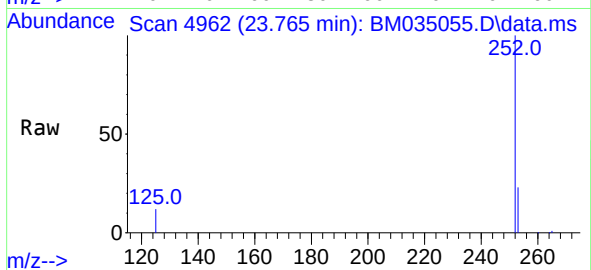
Tgt Ion:252 Resp: 839332
Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2#
125 11.1 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 23.704 ng/ul
RT: 23.765 min Scan# 4957
Delta R.T. 0.014 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

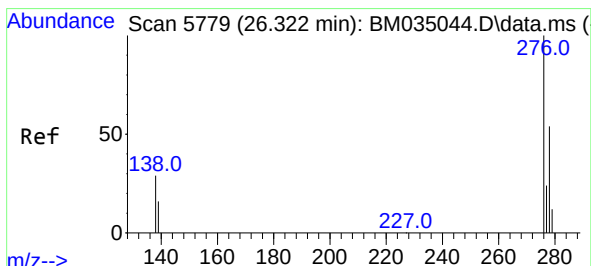
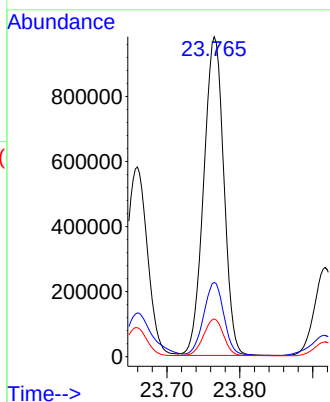
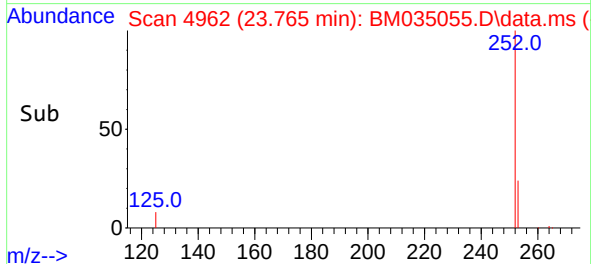
Instrument :
BNA_M
ClientSampleId :
EW4A2



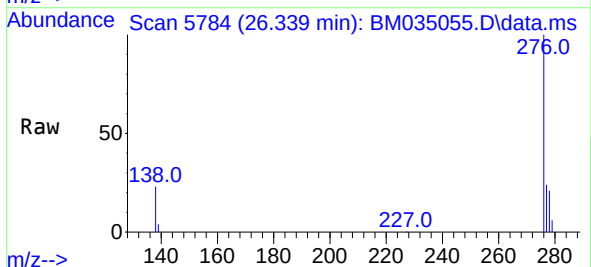
Tgt Ion:252 Resp: 1874614
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0
125 11.8 14.5 21.7

Manual Integrations
APPROVED

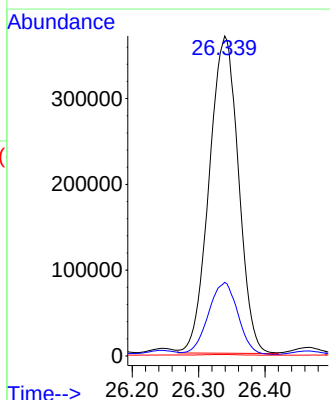
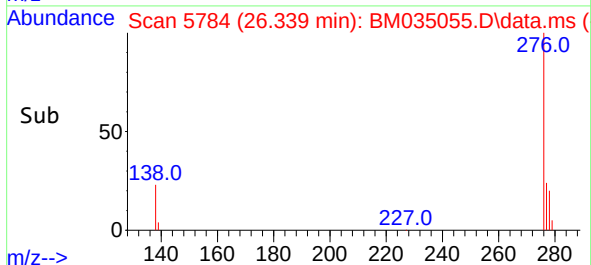
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

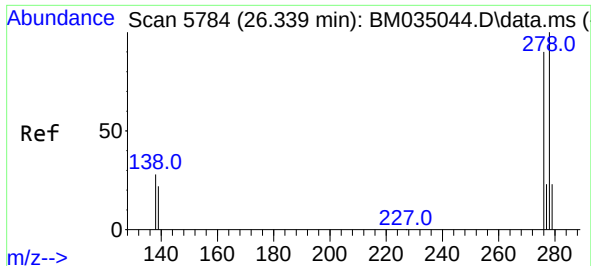


#27
Indeno(1,2,3-cd)pyrene
Concen: 14.446 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. 0.013 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



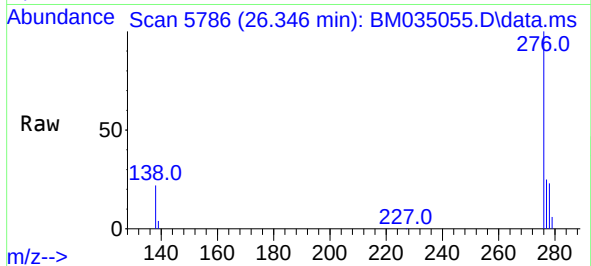
Tgt Ion:276 Resp: 1130589
Ion Ratio Lower Upper
276 100
138 22.9 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 4.409 ng/ul m
RT: 26.346 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17

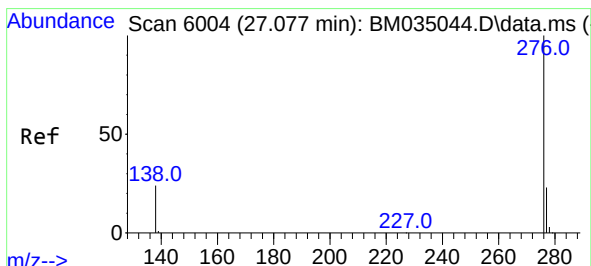
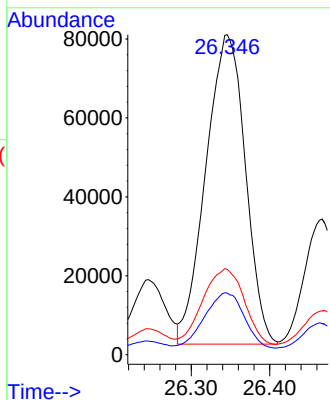
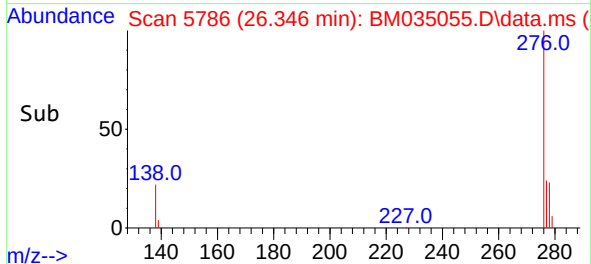
Instrument :
BNA_M
ClientSampleId :
EW4A2



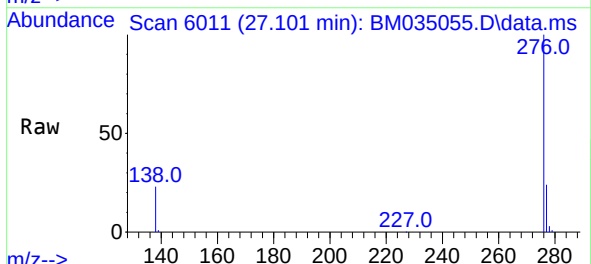
Tgt Ion:278 Resp: 274430
Ion Ratio Lower Upper
278 100
139 19.3 18.0 27.0
279 26.7 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 13.489 ng/ul
RT: 27.101 min Scan# 6011
Delta R.T. 0.020 min
Lab File: BM035055.D
Acq: 14 May 2022 08:17



Tgt Ion:276 Resp: 908102
Ion Ratio Lower Upper
276 100
138 23.3 17.4 26.0
277 23.9 22.6 33.8

