

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035086.D
 Acq On : 15 May 2022 04:09
 Operator : CG/JU
 Sample : N2632-08DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B0DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 04:46:38 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	2971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	9193	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	6048	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	13959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	14785	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	14085	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2567	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	715	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	1998	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	8340	0.275	ng/ul#	90
7) 2-Methylnaphthalene	12.382	142	2000	0.100	ng/ul	96
8) 1-Methylnaphthalene	12.602	142	1445	0.078	ng/ul	98
10) Acenaphthylene	14.271	152	1773	0.049	ng/ul	97
11) Acenaphthene	14.613	153	7254	0.281	ng/ul	96
12) Fluorene	15.598	166	8456	0.280	ng/ul#	97
15) Phenanthrene	17.335	178	120716	2.270	ng/ul	93
16) Anthracene	17.424	178	26197	0.541	ng/ul#	91
19) Fluoranthene	19.350	202	184252	2.219	ng/ul#	94
20) Pyrene	19.708	202	154469	1.832	ng/ul	100
21) Benzo(a)anthracene	21.455	228	84105	1.229	ng/ul	98
22) Chrysene	21.508	228	75563	1.061	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	108039	1.463	ng/ul	89
25) Benzo(k)fluoranthene	23.180	252	31143m	0.442	ng/ul	
26) Benzo(a)pyrene	23.753	252	69706	1.037	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.322	276	40848	0.614	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.335	278	9894	0.187	ng/ul#	90
29) Benzo(g,h,i)perylene	27.087	276	31659	0.554	ng/ul	95

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

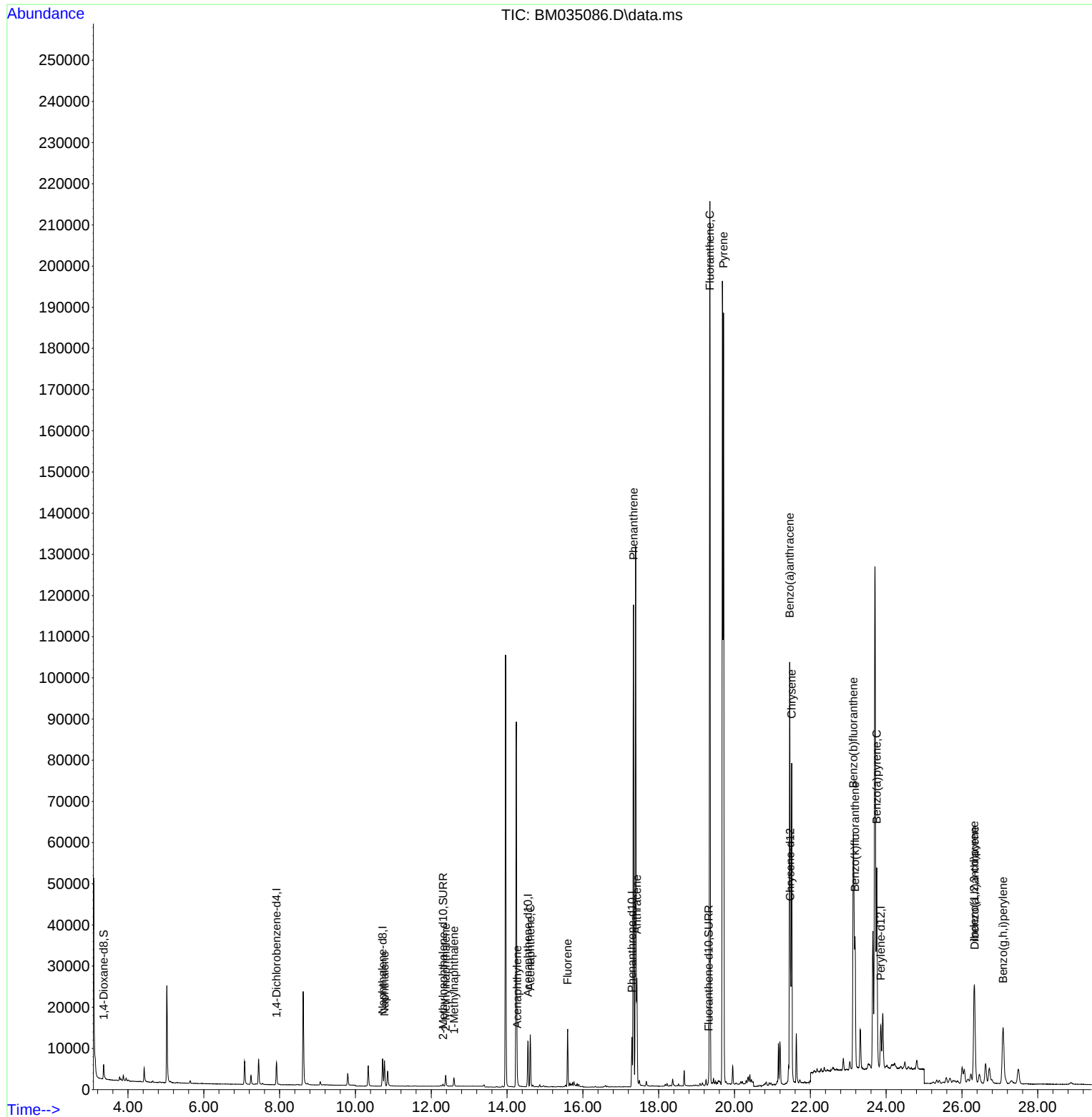
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035086.D
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ALS Vial : 62 Sample Multiplier: 1

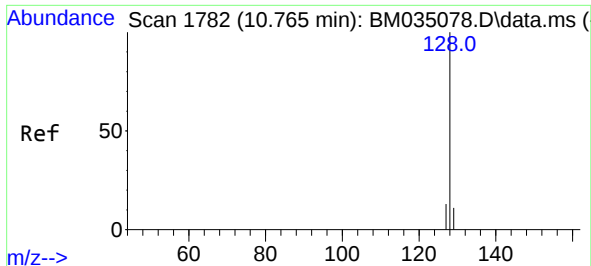
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Quant Time: May 15 04:46:38 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

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APPROVED

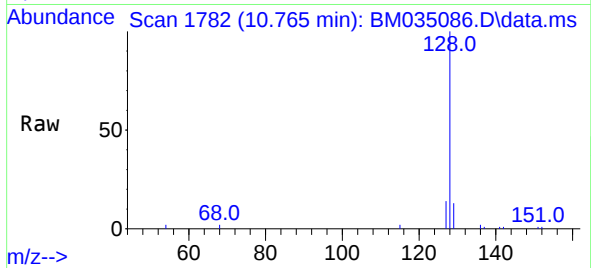
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022





#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

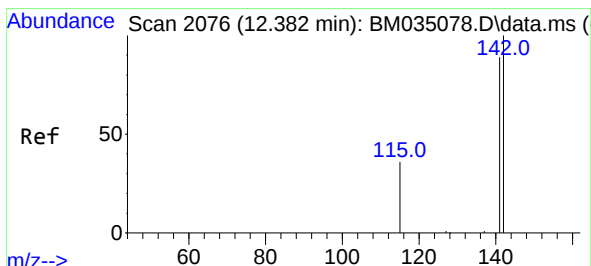
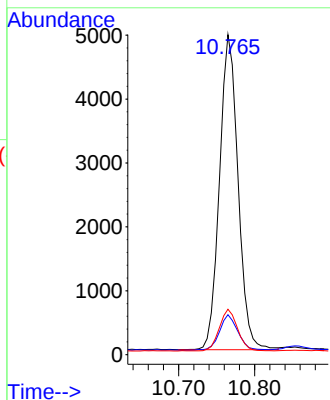
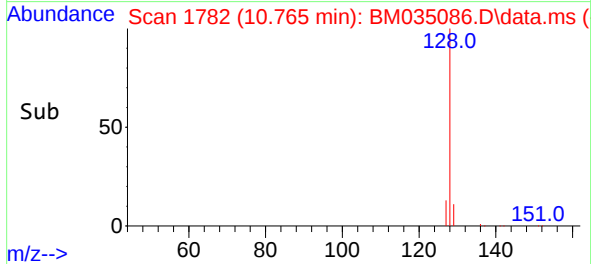
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BNA_M
ClientSampleId :
EW4B0DL



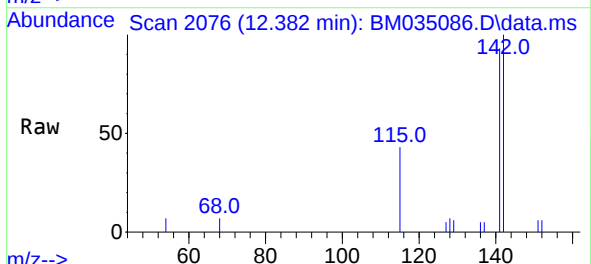
Tgt Ion:128 Resp: 8340
Ion Ratio Lower Upper
128 100
129 12.5 13.4 20.2
127 14.2 15.2 22.8

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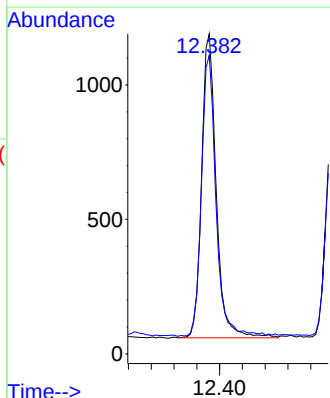
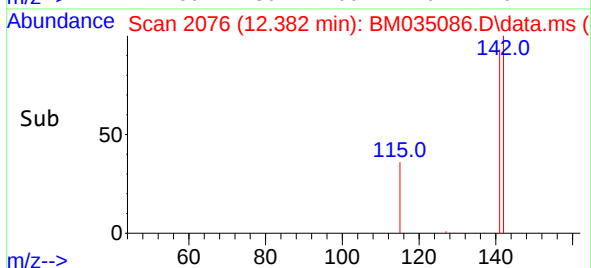
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

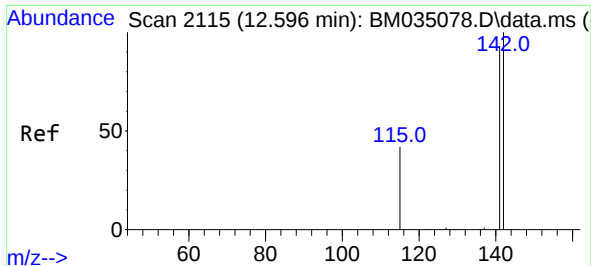


#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



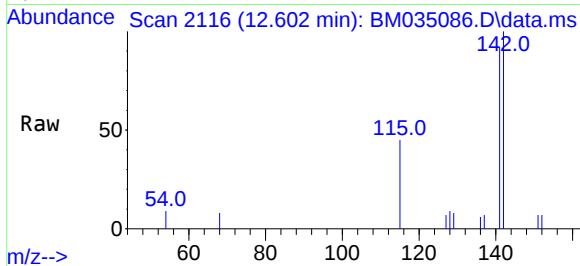
Tgt Ion:142 Resp: 2000
Ion Ratio Lower Upper
142 100
141 93.3 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

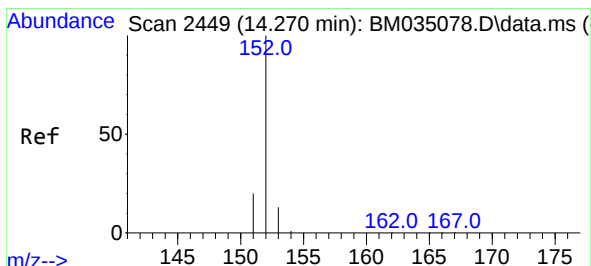
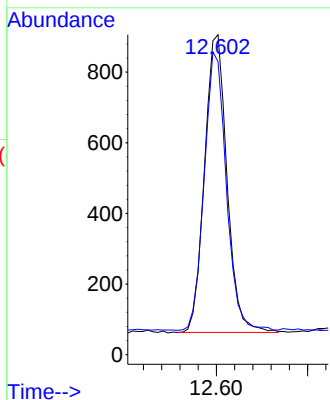
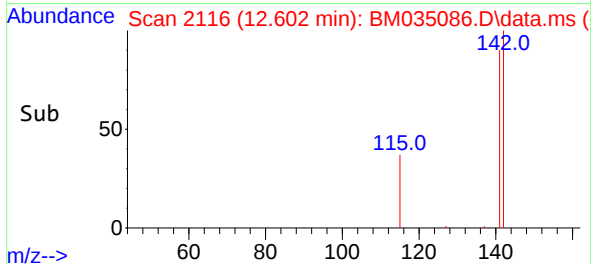
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BNA_M
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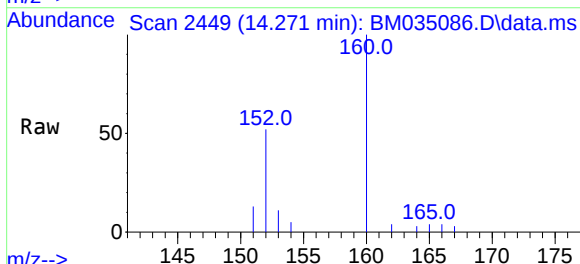
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4

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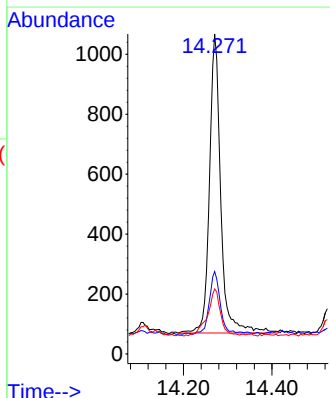
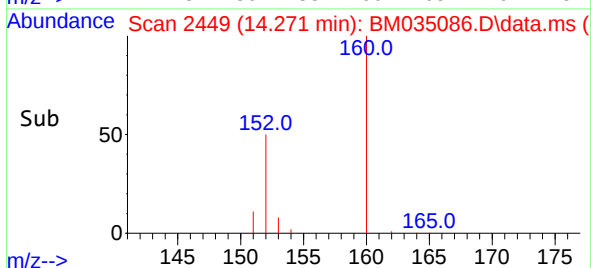
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

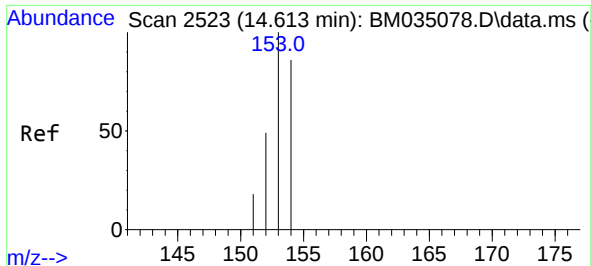


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



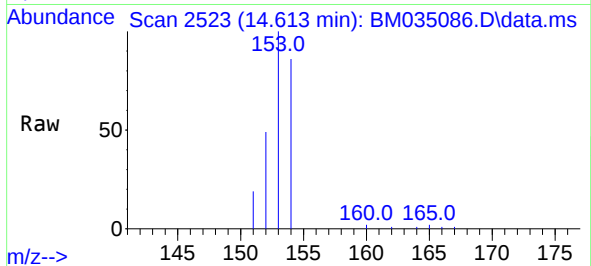
Tgt Ion:152 Resp: 1773
Ion Ratio Lower Upper
152 100
151 25.7 19.9 29.9
153 20.3 15.0 22.4





#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.613 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

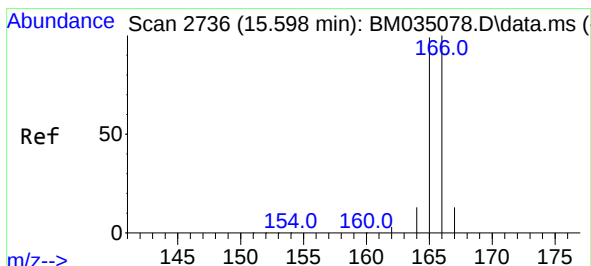
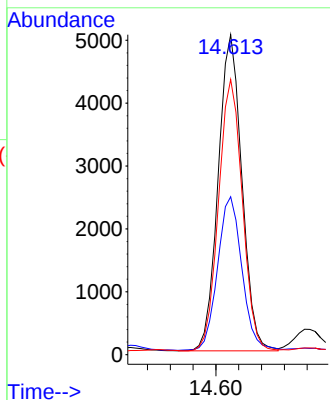
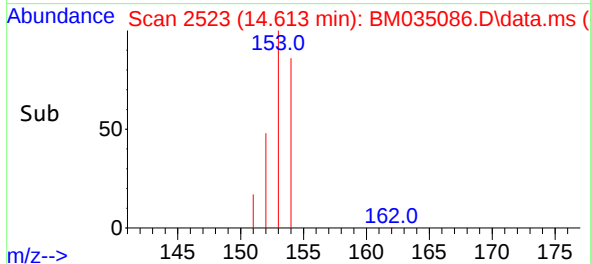
Instrument :
BNA_M
ClientSampleId :
EW4B0DL



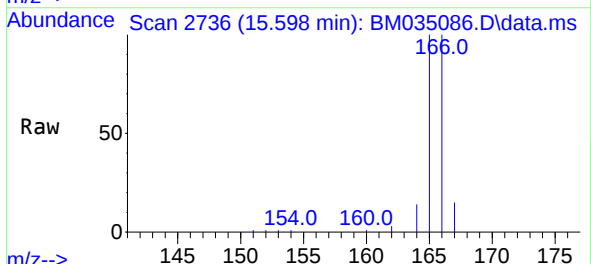
Tgt Ion:153 Resp: 7254
Ion Ratio Lower Upper
153 100
152 49.4 42.4 63.6
154 86.0 66.2 99.2

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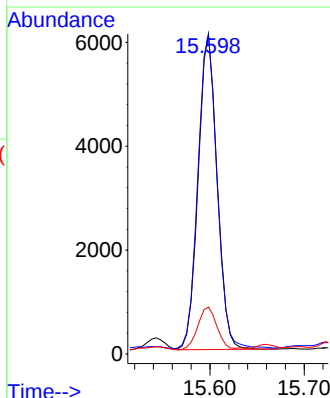
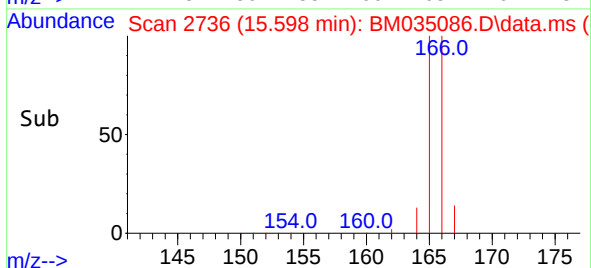
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

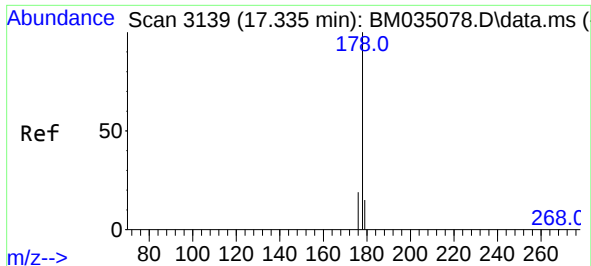


#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



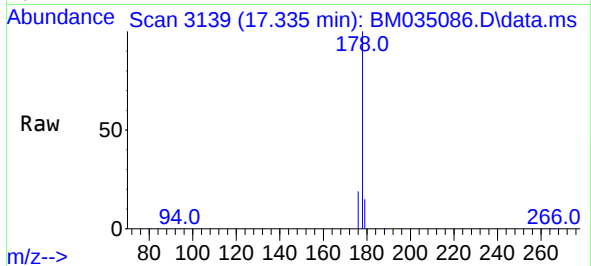
Tgt Ion:166 Resp: 8456
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 14.6 14.9 22.3





#15
Phenanthrene
Concen: 2.270 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

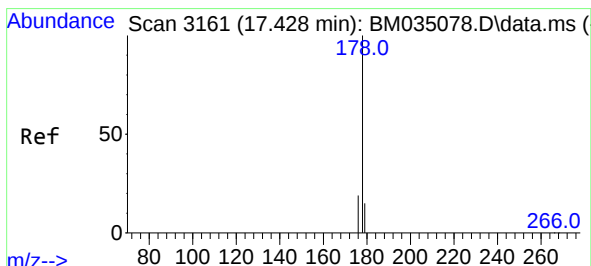
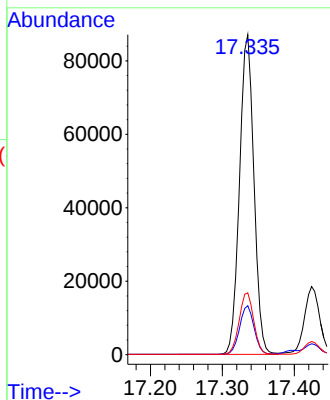
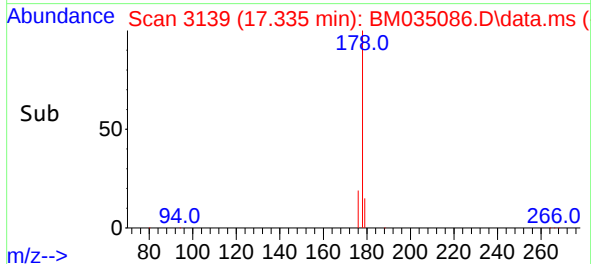
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ClientSampleId :
EW4B0DL



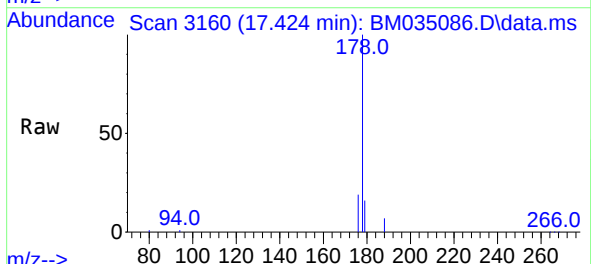
Tgt Ion:178 Resp: 120710
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.3 17.9 26.9

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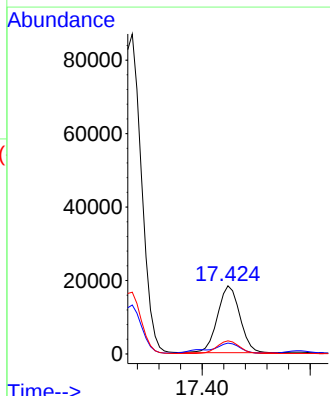
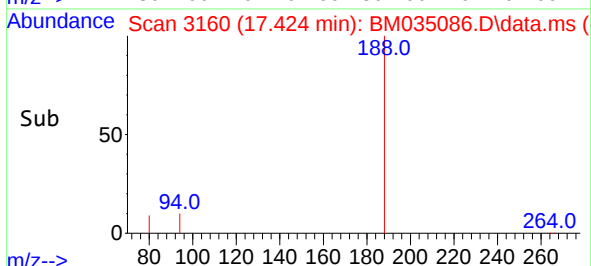
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

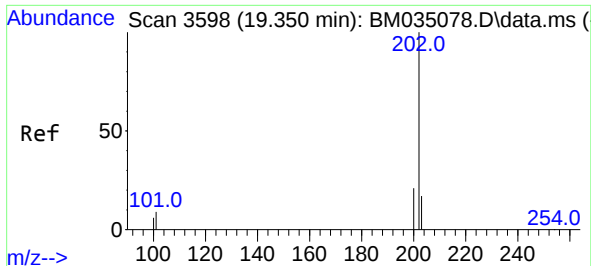


#16
Anthracene
Concen: 0.541 ng/ul
RT: 17.424 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



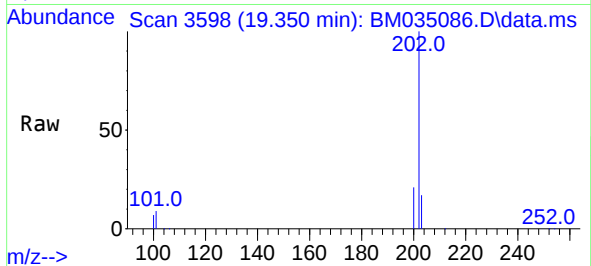
Tgt Ion:178 Resp: 26197
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 2.219 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

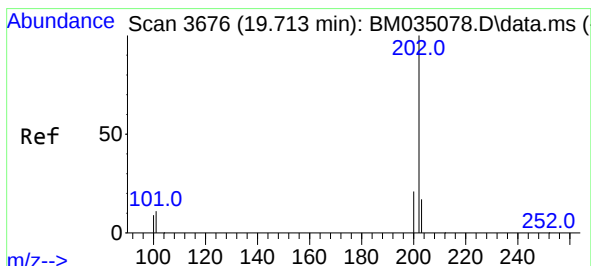
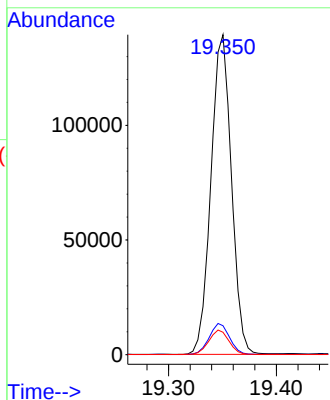
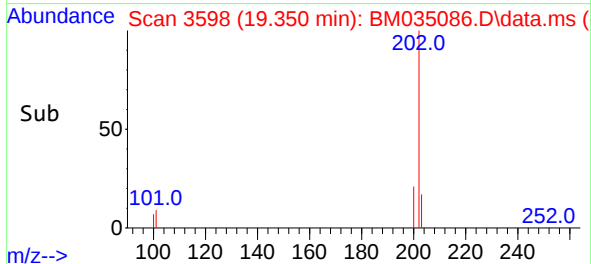
Instrument :
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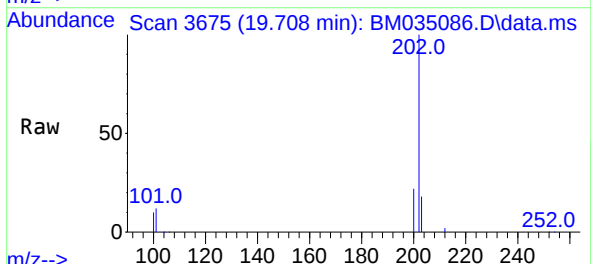
Tgt Ion:202 Resp: 184252
Ion Ratio Lower Upper
202 100
101 9.0 9.2 13.8
100 7.0 7.2 10.8

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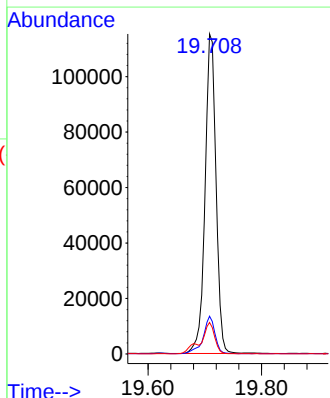
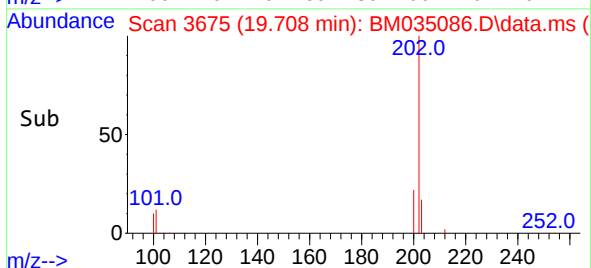
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

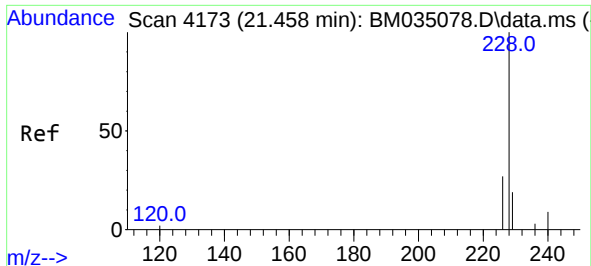


#20
Pyrene
Concen: 1.832 ng/u1
RT: 19.708 min Scan# 3675
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



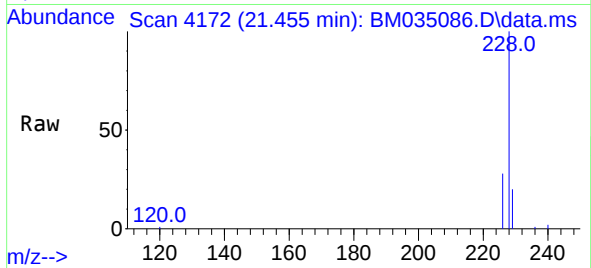
Tgt Ion:202 Resp: 154469
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.9 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.229 ng/ul
RT: 21.455 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

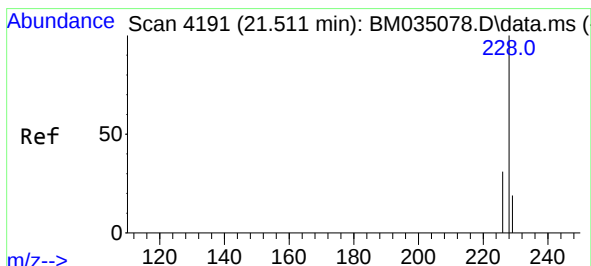
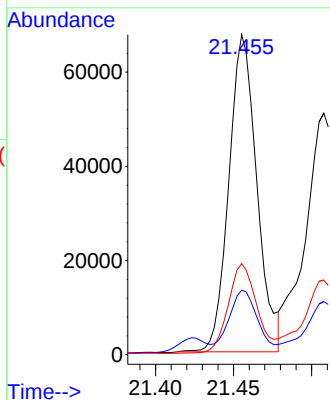
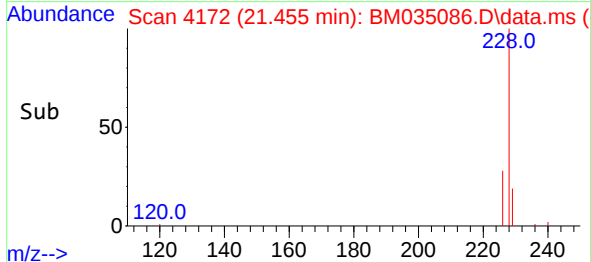
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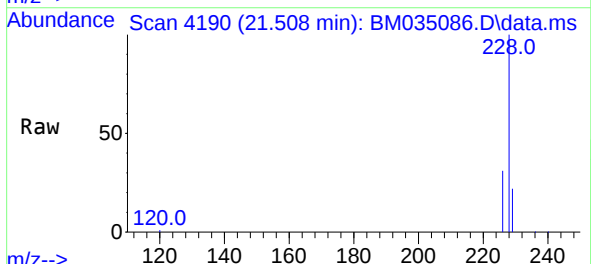
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Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.5 23.2 34.8

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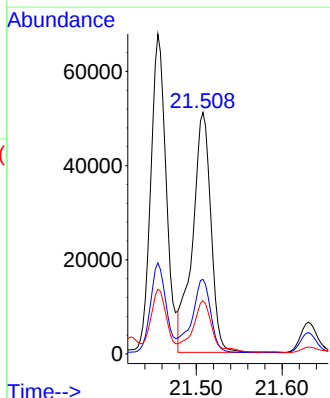
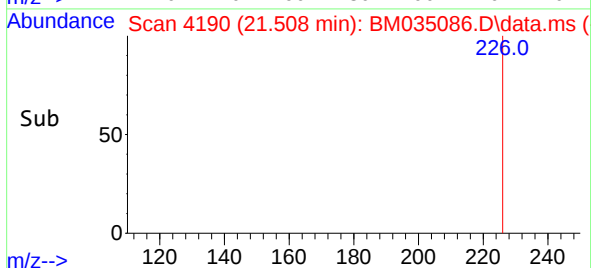
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

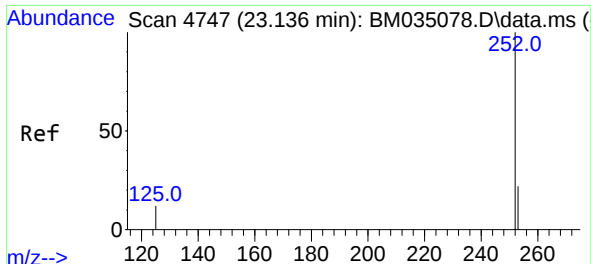


#22
Chrysene
Concen: 1.061 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



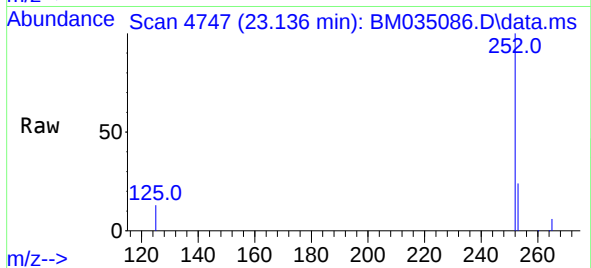
Tgt Ion:228 Resp: 75563
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 22.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.463 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.002 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

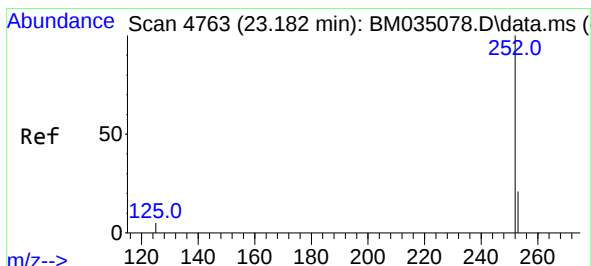
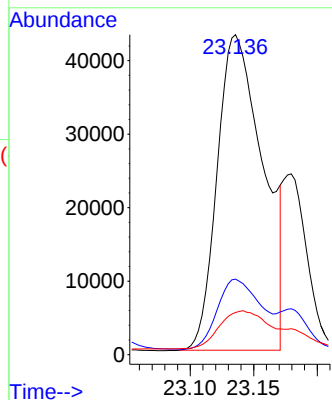
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BNA_M
ClientSampleId :
EW4B0DL



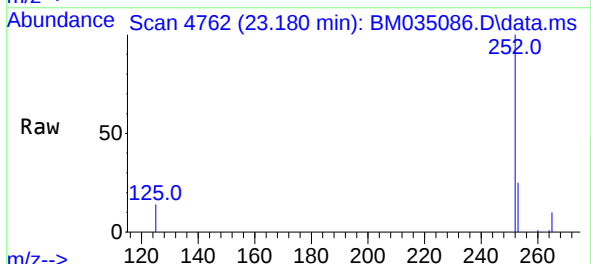
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Ion Ratio Lower Upper
252 100
253 23.6 0.0 64.2
125 13.2 0.0 28.8

Manual Integrations
APPROVED

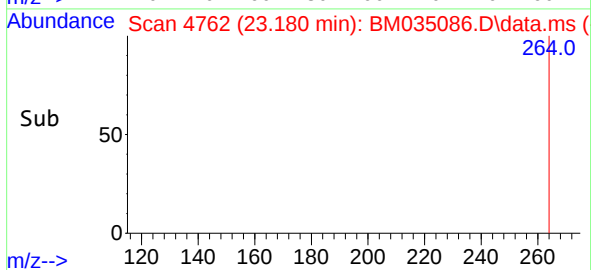
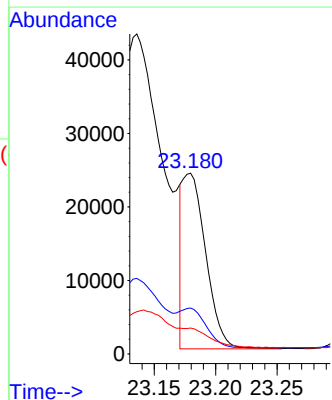
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

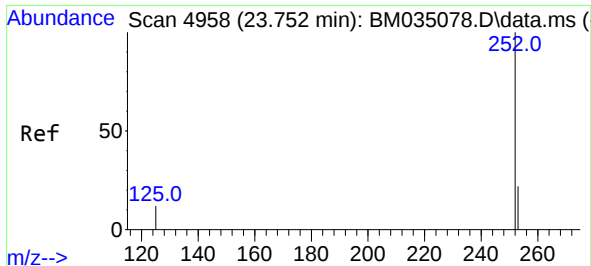


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.001 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



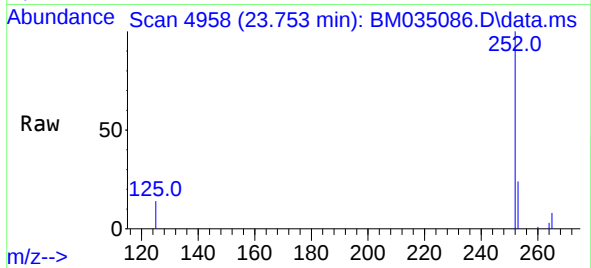
Tgt Ion:252 Resp: 31143
Ion Ratio Lower Upper
252 100
253 25.4 26.8 40.2#
125 14.3 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.037 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.002 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

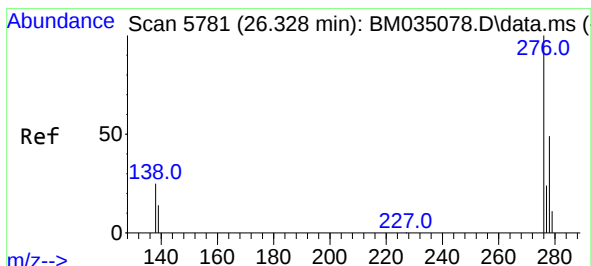
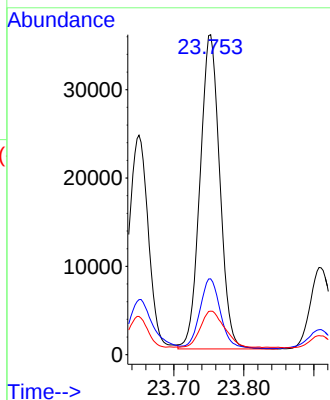
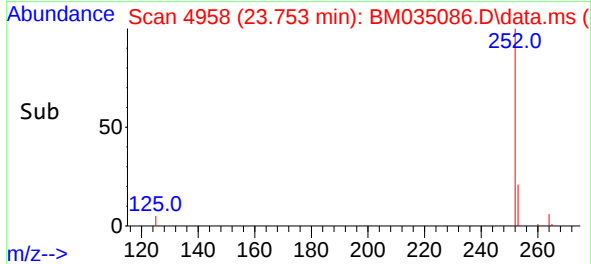
Instrument :
BNA_M
ClientSampleId :
EW4B0DL



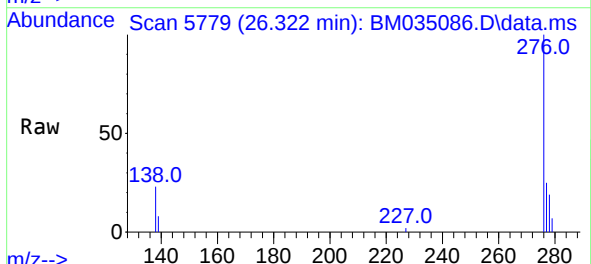
Tgt Ion:252 Resp: 69700
Ion Ratio Lower Upper
252 100
253 23.7 32.0 48.0
125 13.6 14.5 21.7

Manual Integrations
APPROVED

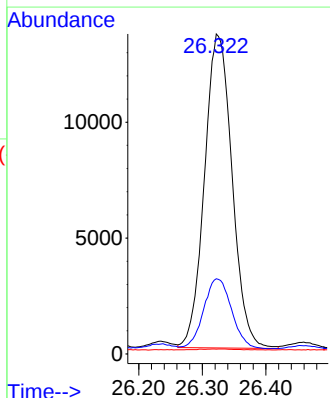
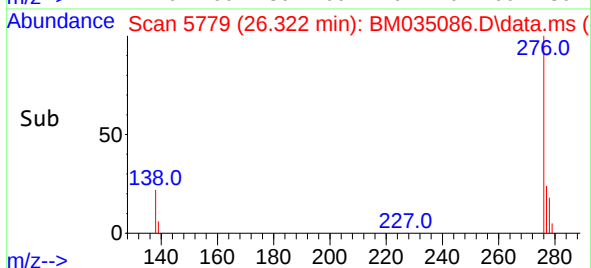
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

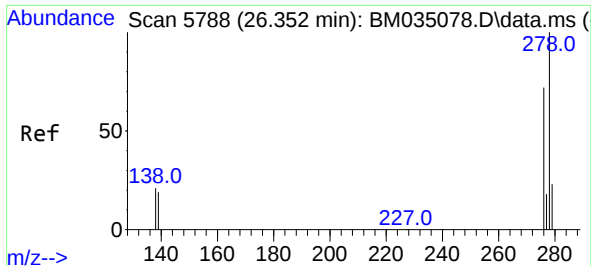


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.614 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



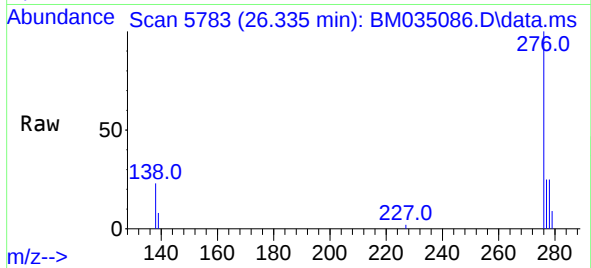
Tgt Ion:276 Resp: 40848
Ion Ratio Lower Upper
276 100
138 22.7 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.335 min Scan# 5788
Delta R.T. -0.007 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09

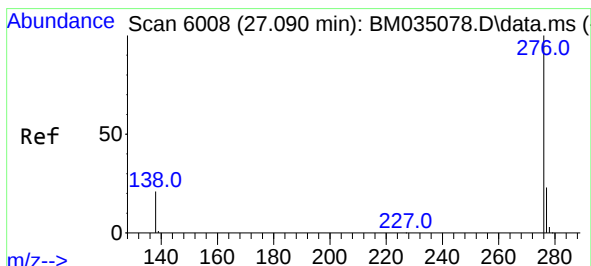
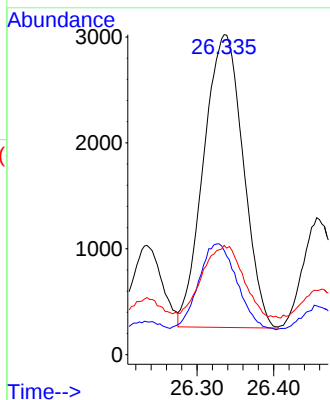
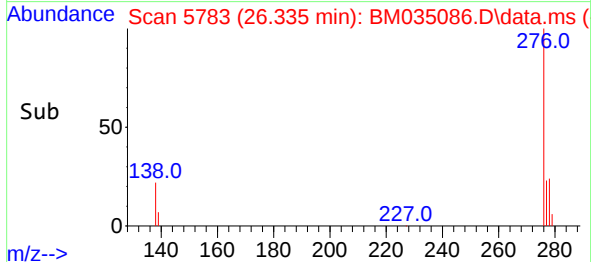
Instrument :
BNA_M
ClientSampleId :
EW4B0DL



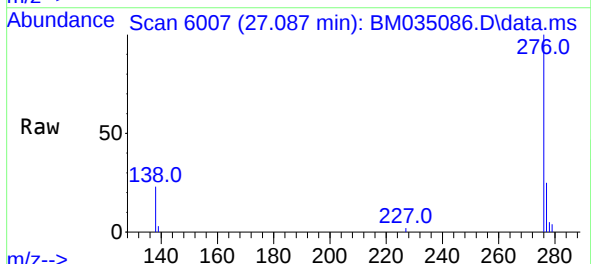
Tgt Ion: 278 Resp: 9894
Ion Ratio Lower Upper
278 100
139 32.6 18.0 27.0
279 34.1 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.554 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.006 min
Lab File: BM035086.D
Acq: 15 May 2022 04:09



Tgt Ion: 276 Resp: 31659
Ion Ratio Lower Upper
276 100
138 23.2 17.4 26.0
277 24.9 22.6 33.8

