

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035081.D
 Acq On : 15 May 2022 01:07
 Operator : CG/JU
 Sample : N2632-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A5

Manual Integrations
 APPROVED

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

Quant Time: May 15 02:32:36 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	2772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9061	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	6330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	14780	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	15055	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	14379	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10455	3.149	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	3138	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	9191	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	3996	0.134	ng/ul#	91
7) 2-Methylnaphthalene	12.382	142	1375	0.070	ng/ul	97
8) 1-Methylnaphthalene	12.596	142	1237	0.068	ng/ul	100
10) Acenaphthylene	14.270	152	2568	0.068	ng/ul	98
11) Acenaphthene	14.612	153	10715	0.396	ng/ul	95
12) Fluorene	15.597	166	10653	0.337	ng/ul#	97
15) Phenanthrene	17.334	178	170468	3.028	ng/ul	93
16) Anthracene	17.427	178	42648	0.832	ng/ul#	91
19) Fluoranthene	19.350	202	342106	4.046	ng/ul	96
20) Pyrene	19.712	202	289661	3.373	ng/ul	100
21) Benzo(a)anthracene	21.456	228	165374	2.374	ng/ul	98
22) Chrysene	21.509	228	150406	2.075	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	208727	2.768	ng/ul	87
25) Benzo(k)fluoranthene	23.177	252	61288m	0.852	ng/ul	
26) Benzo(a)pyrene	23.756	252	138758	2.023	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.329	276	80016	1.179	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.336	278	19227	0.356	ng/ul	93
29) Benzo(g,h,i)perylene	27.087	276	61853	1.059	ng/ul	95

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

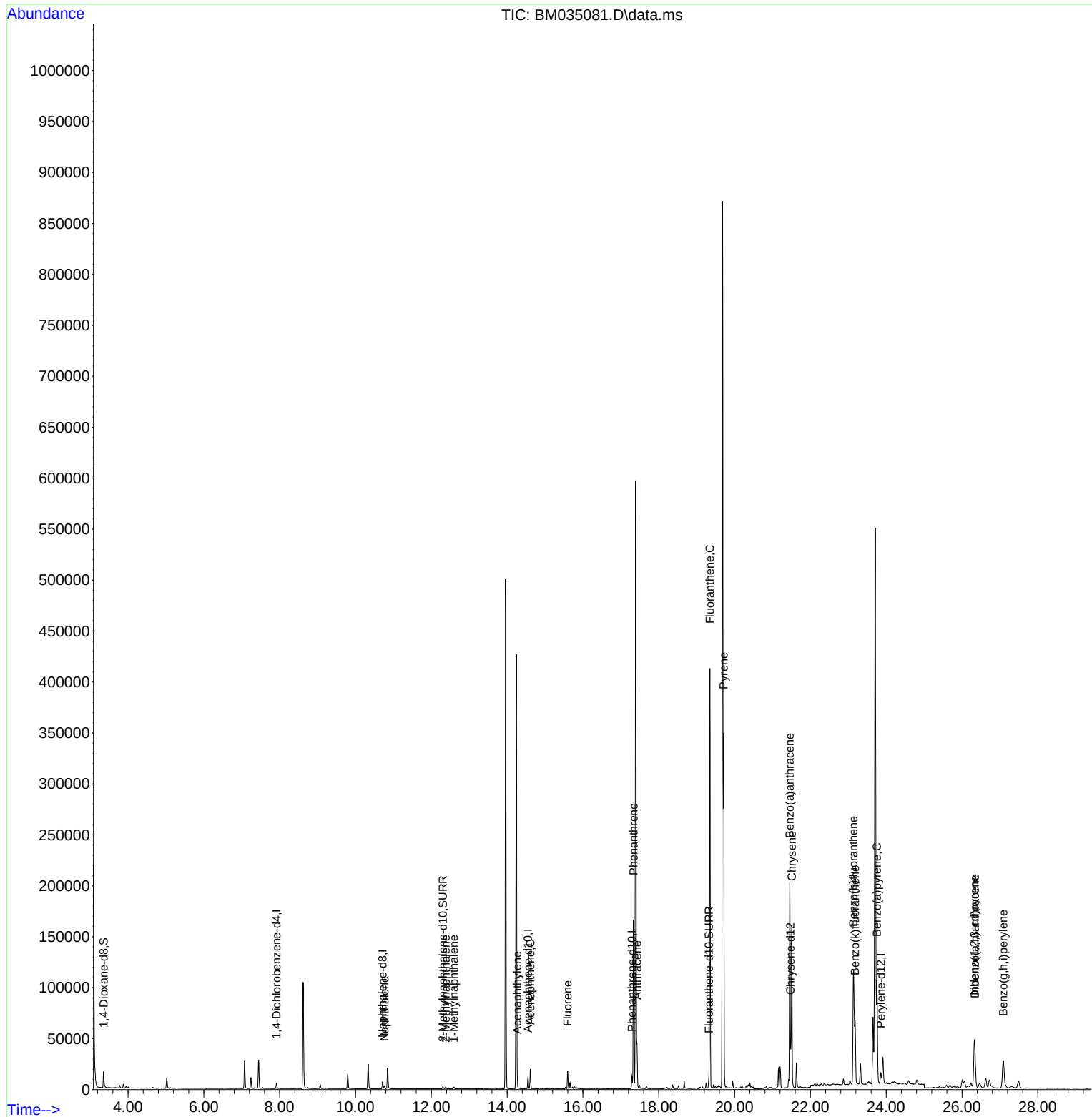
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035081.D
Acq On : 15 May 2022 01:07
Operator : CG/JU
Sample : N2632-04
Misc :
ALS Vial : 57 Sample Multiplier: 1

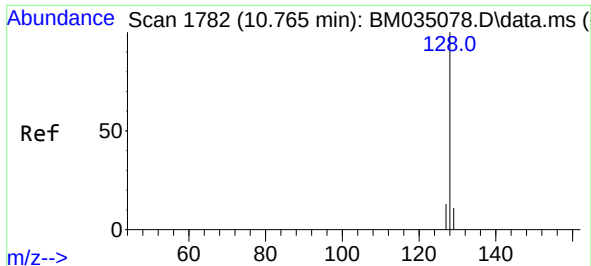
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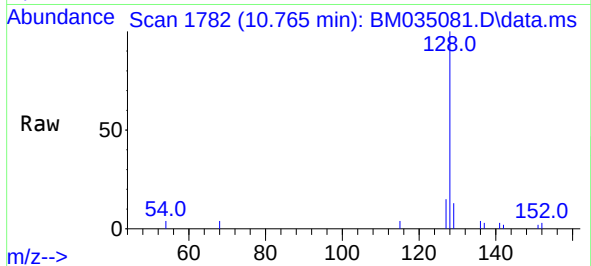
Quant Time: May 15 02:32:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

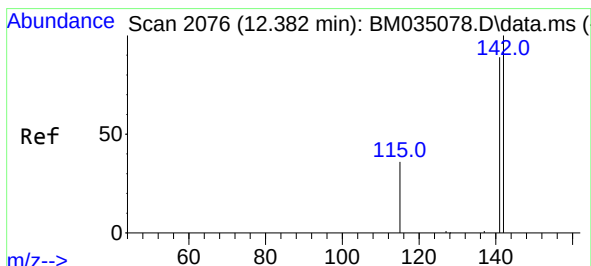
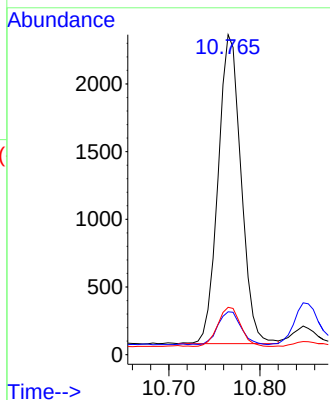
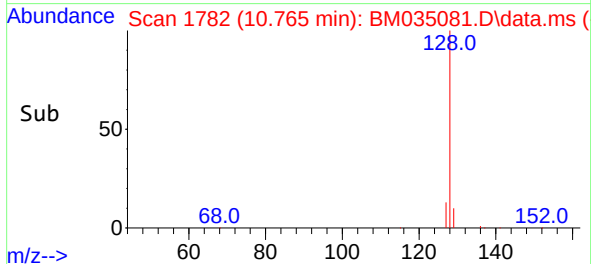
Instrument :
BNA_M
ClientSampleId :
EW4A5



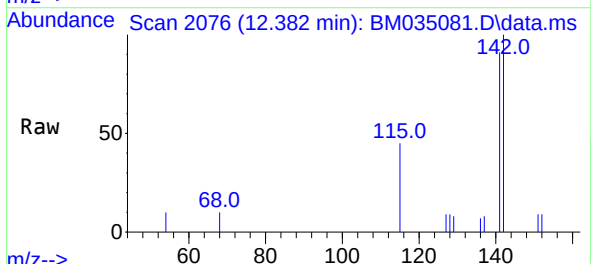
Tgt Ion:128 Resp: 3990
Ion Ratio Lower Upper
128 100
129 13.4 13.4 20.2
127 14.8 15.2 22.8

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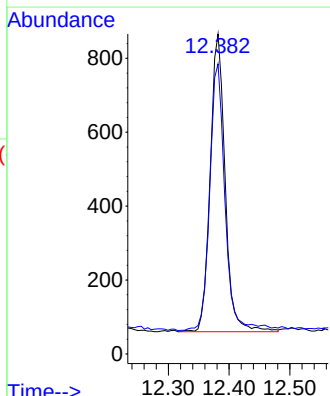
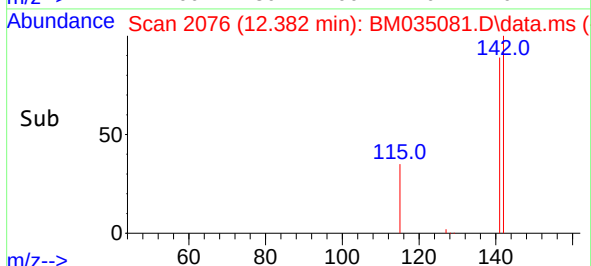
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

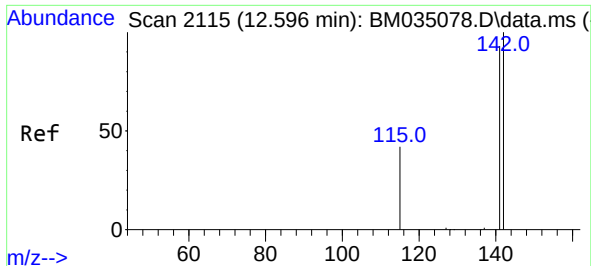


#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



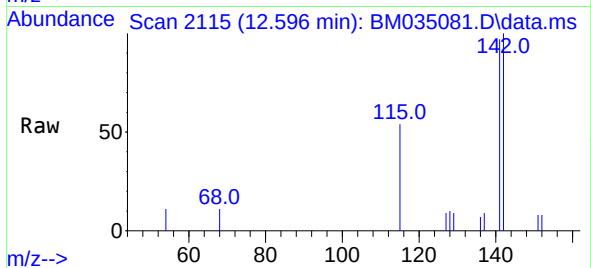
Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 92.3 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

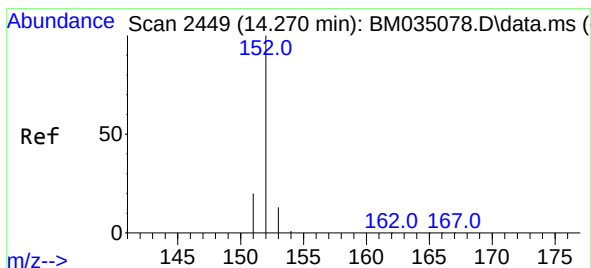
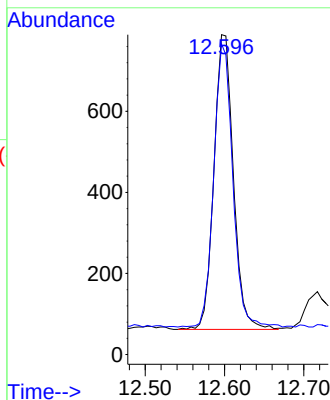
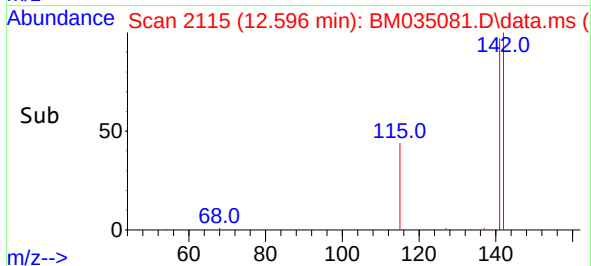
Instrument :
BNA_M
ClientSampleId :
EW4A5



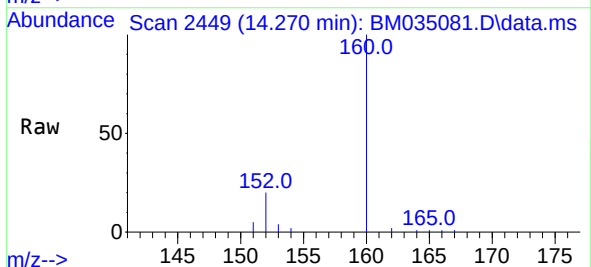
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

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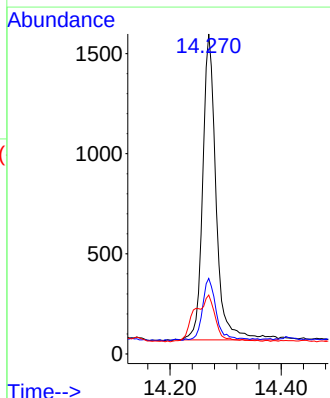
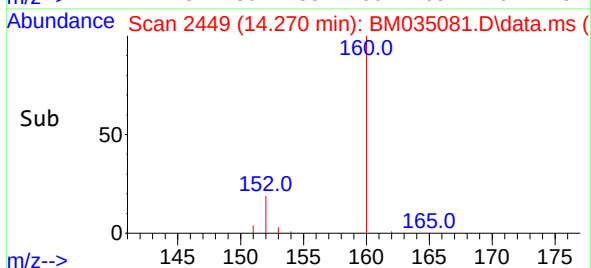
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

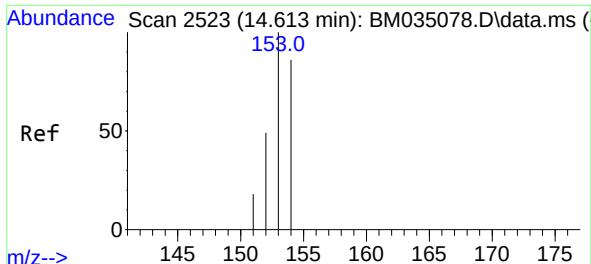


#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



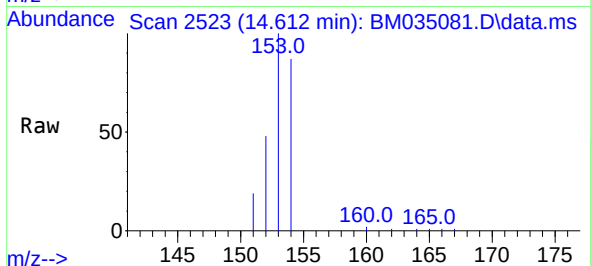
Tgt Ion:152 Resp: 2568
Ion Ratio Lower Upper
152 100
151 23.6 19.9 29.9
153 18.4 15.0 22.4





#11
Acenaphthene
Concen: 0.396 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

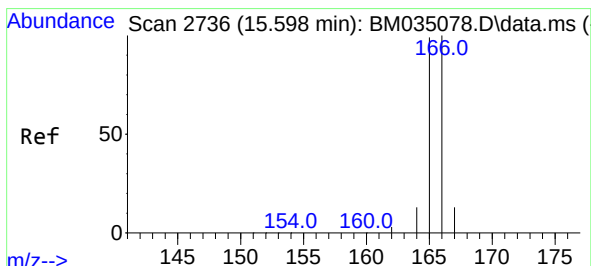
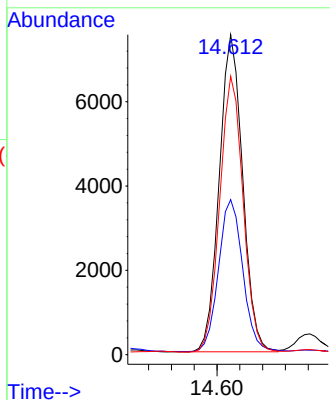
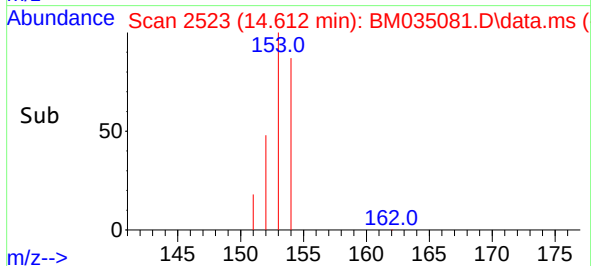
Instrument :
BNA_M
ClientSampleId :
EW4A5



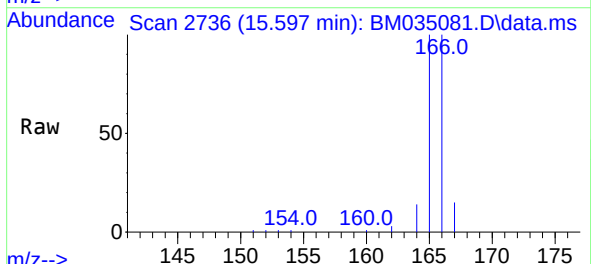
Tgt Ion:153 Resp: 1071
Ion Ratio Lower Upper
153 100
152 48.4 42.4 63.6
154 87.0 66.2 99.2

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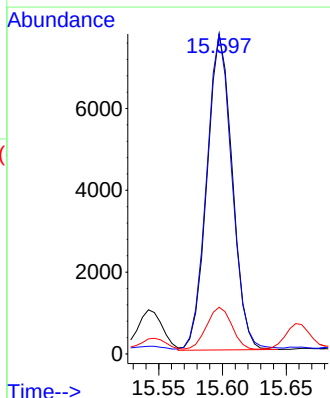
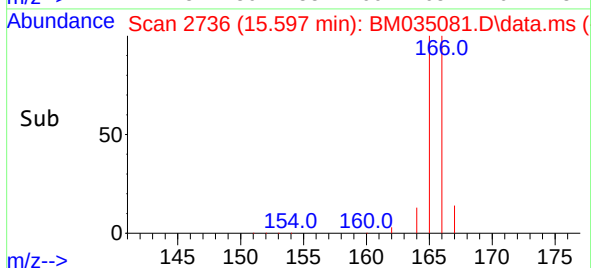
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

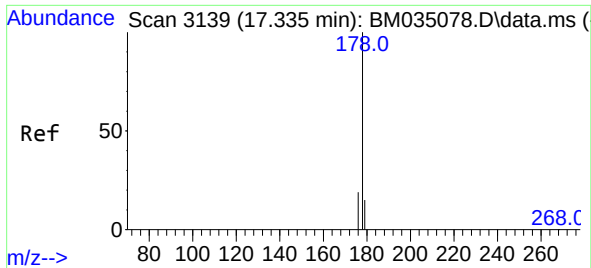


#12
Fluorene
Concen: 0.337 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



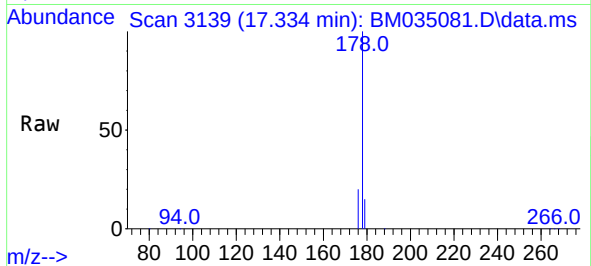
Tgt Ion:166 Resp: 10653
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 14.6 14.9 22.3#





#15
Phenanthrene
Concen: 3.028 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

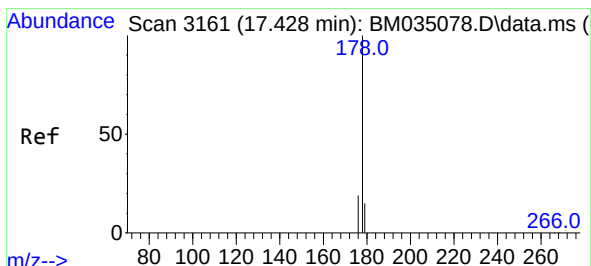
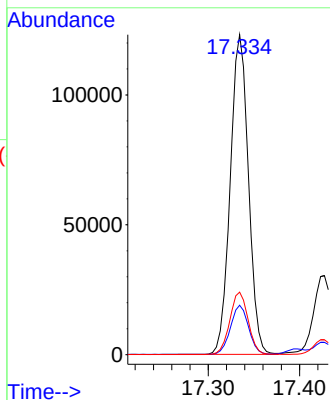
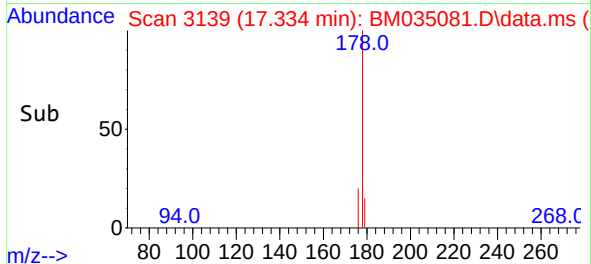
Instrument :
BNA_M
ClientSampleId :
EW4A5



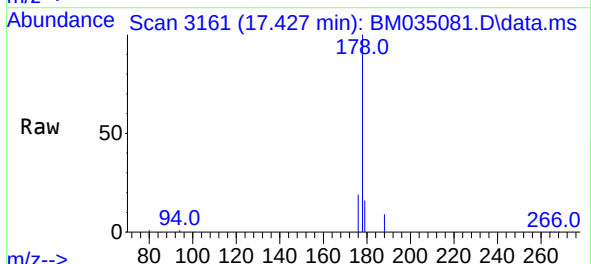
Tgt Ion:178 Resp: 170468
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

Manual Integrations
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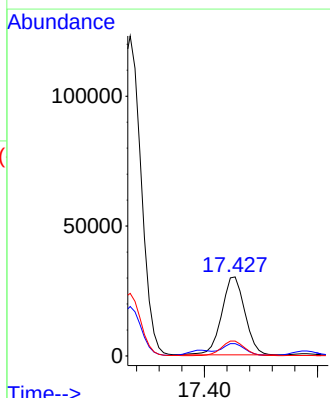
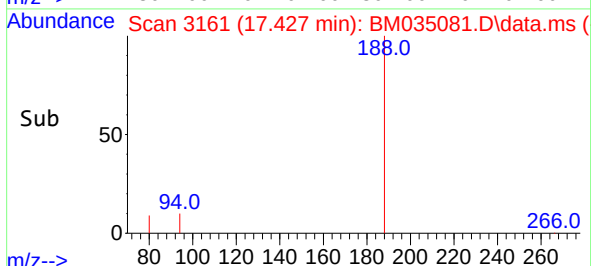
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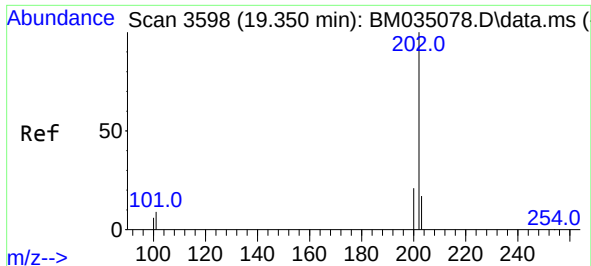


#16
Anthracene
Concen: 0.832 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



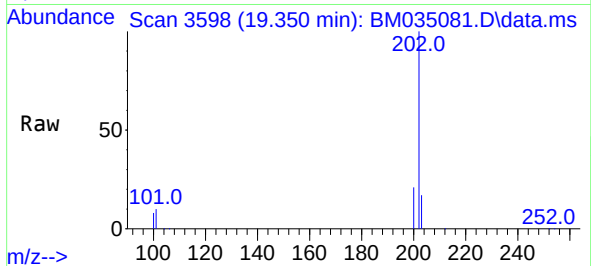
Tgt Ion:178 Resp: 42648
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 18.9 18.3 27.5





#19
Fluoranthene
Concen: 4.046 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

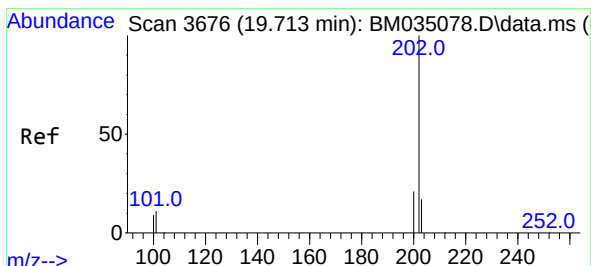
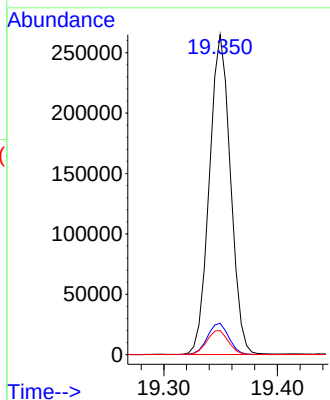
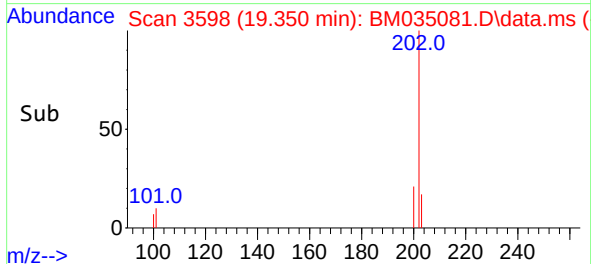
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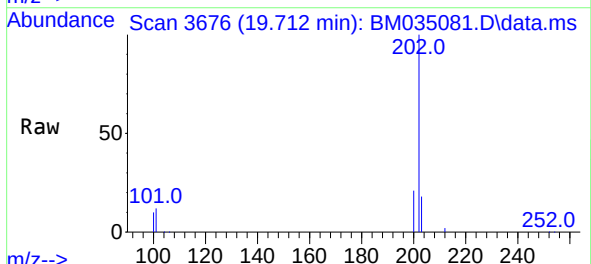
Tgt Ion:202 Resp: 342100
Ion Ratio Lower Upper
202 100
101 9.8 9.2 13.8
100 7.5 7.2 10.8

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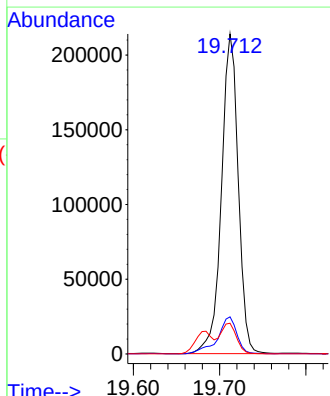
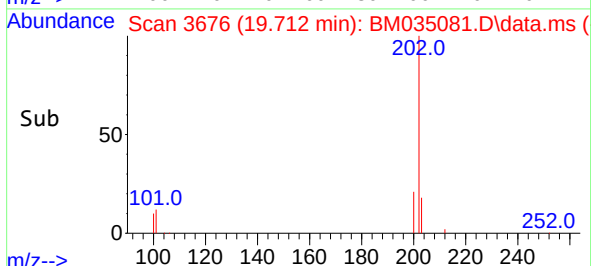
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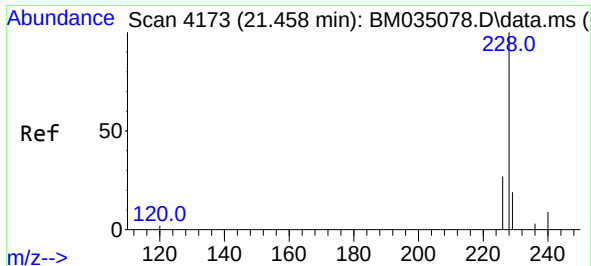


#20
Pyrene
Concen: 3.373 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



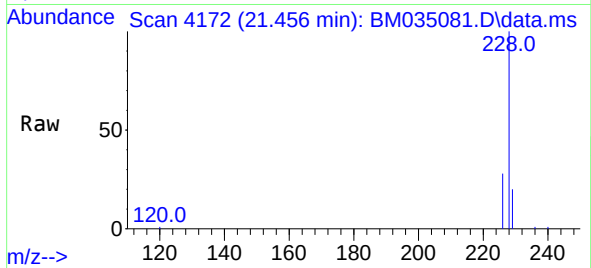
Tgt Ion:202 Resp: 289661
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.374 ng/ul
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

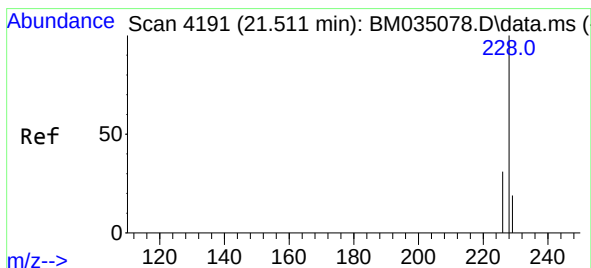
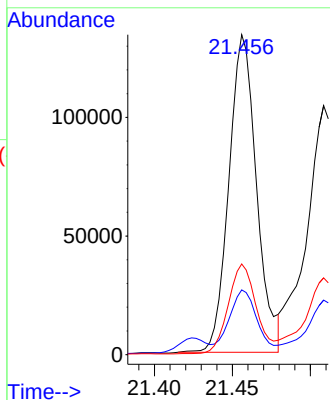
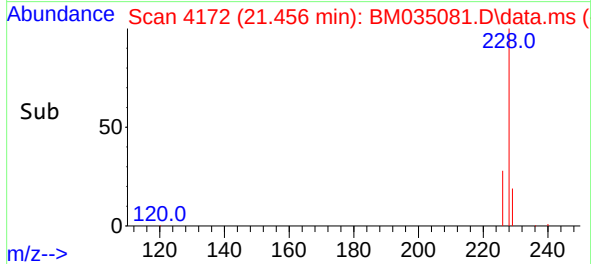
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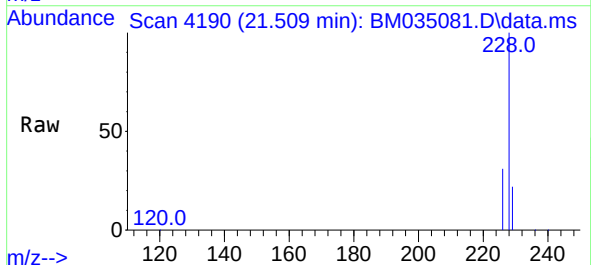
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Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.3 23.2 34.8

Manual Integrations
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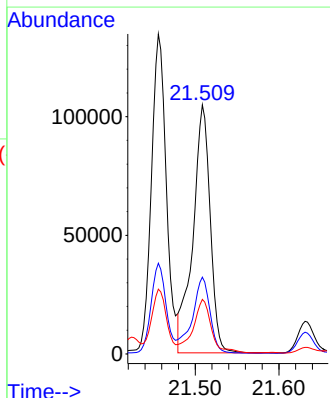
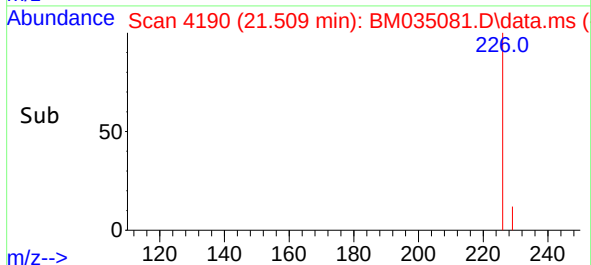
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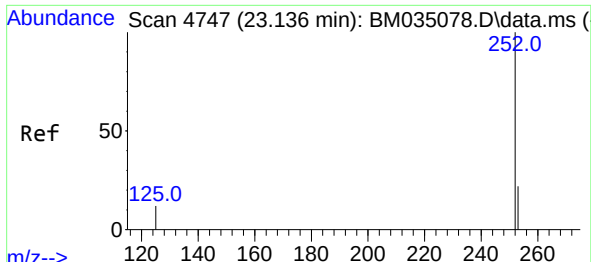


#22
Chrysene
Concen: 2.075 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



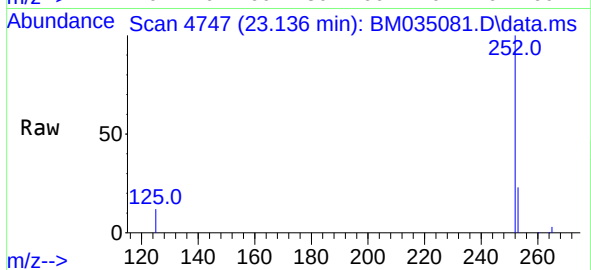
Tgt Ion:228 Resp: 150406
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 21.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.768 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

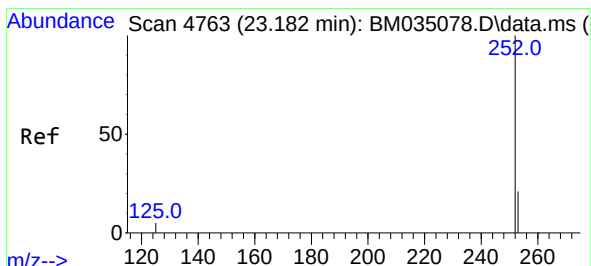
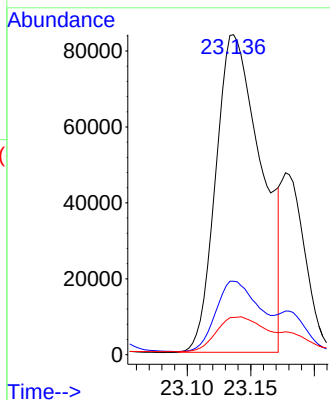
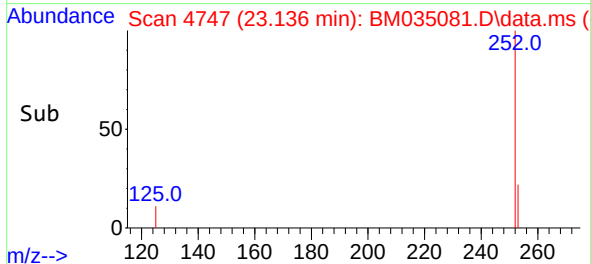
Instrument :
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ClientSampleId :
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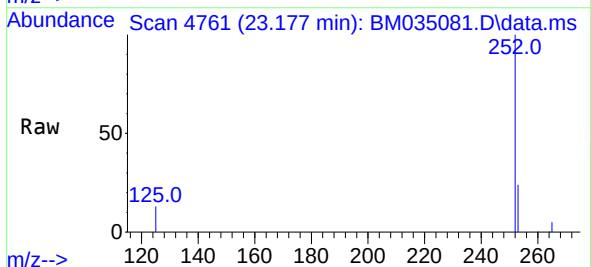
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Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 11.6 0.0 28.8

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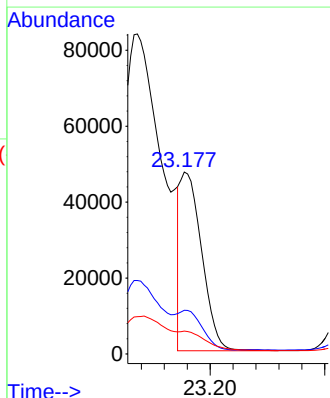
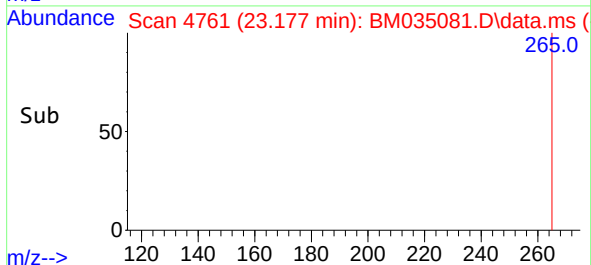
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

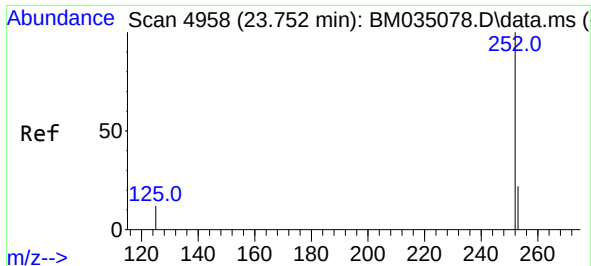


#25
Benzo(k)fluoranthene
Concen: 0.852 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



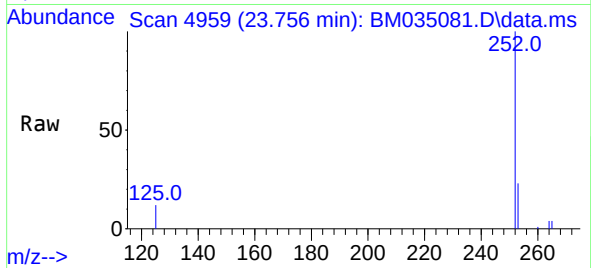
Tgt Ion:252 Resp: 61288
Ion Ratio Lower Upper
252 100
253 24.0 26.8 40.2#
125 12.6 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.023 ng/u1
RT: 23.756 min Scan# 4958
Delta R.T. 0.006 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

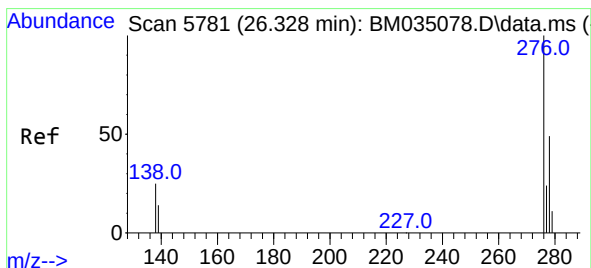
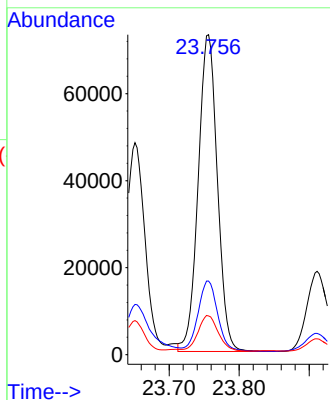
Instrument :
BNA_M
ClientSampleId :
EW4A5



Tgt Ion:252 Resp: 138758
Ion Ratio Lower Upper
252 100
253 23.0 32.0 48.0
125 12.1 14.5 21.7

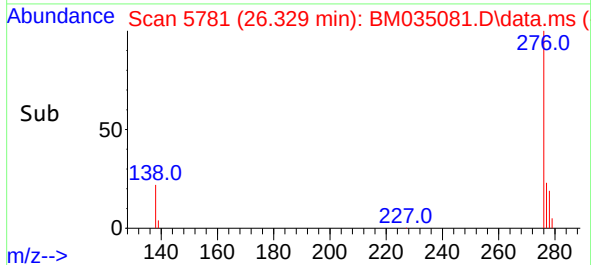
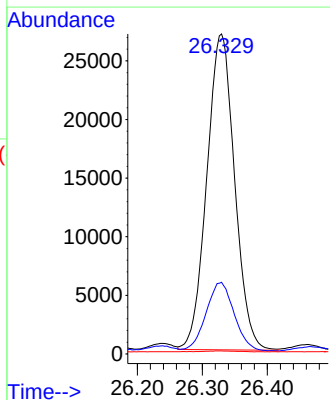
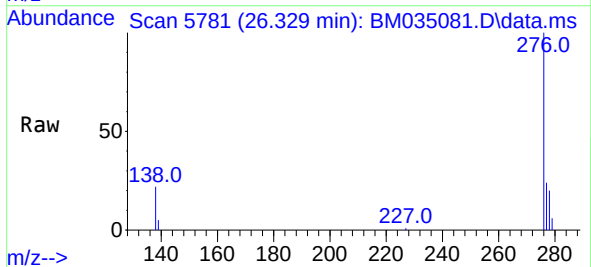
Manual Integrations
APPROVED

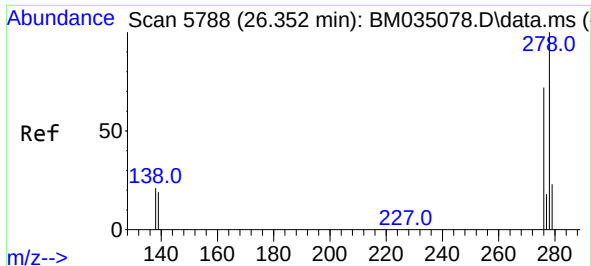
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.179 ng/u1
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

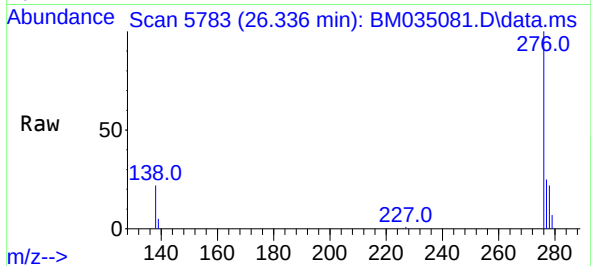
Tgt Ion:276 Resp: 80016
Ion Ratio Lower Upper
276 100
138 22.1 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.336 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07

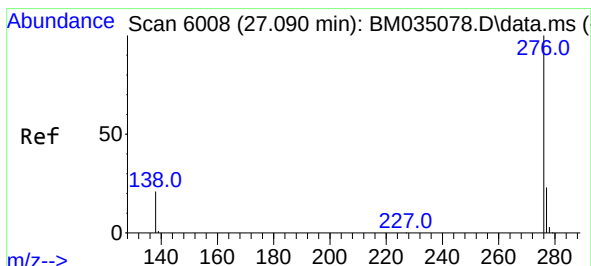
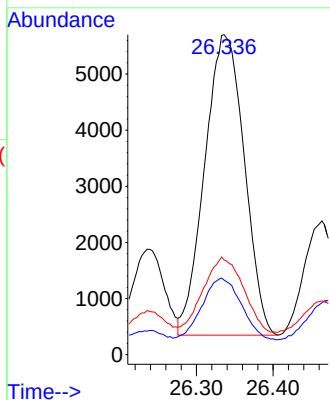
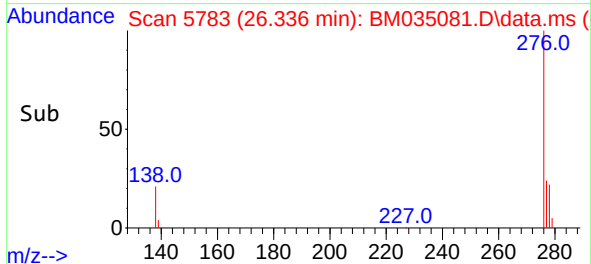
Instrument :
BNA_M
ClientSampleId :
EW4A5



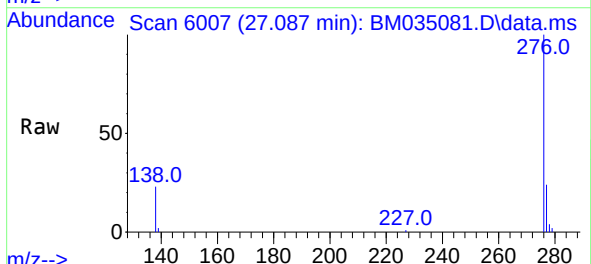
Tgt Ion: 278 Resp: 1922
Ion Ratio Lower Upper
278 100
139 23.3 18.0 27.0
279 29.6 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.059 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035081.D
Acq: 15 May 2022 01:07



Tgt Ion: 276 Resp: 61853
Ion Ratio Lower Upper
276 100
138 22.6 17.4 26.0
277 24.2 22.6 33.8

