

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035085.D
 Acq On : 15 May 2022 03:33
 Operator : CG/JU
 Sample : N2632-08
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4B0

Manual Integrations
 APPROVED

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

Quant Time: May 15 04:05:48 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	2794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	9035	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	6282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	14276	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	14760	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	13975	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	11140	3.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	3356	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	9488	0.187	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	38495	1.290	ng/ul#	87
7) 2-Methylnaphthalene	12.376	142	9728	0.497	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	6858	0.376	ng/ul	100
10) Acenaphthylene	14.270	152	7871	0.211	ng/ul	93
11) Acenaphthene	14.612	153	34659	1.291	ng/ul	94
12) Fluorene	15.598	166	40804	1.300	ng/ul#	97
15) Phenanthrene	17.334	178	565397	10.397	ng/ul	93
16) Anthracene	17.423	178	125116	2.526	ng/ul#	91
19) Fluoranthene	19.350	202	856609	10.334	ng/ul	95
20) Pyrene	19.712	202	705180	8.376	ng/ul	99
21) Benzo(a)anthracene	21.456	228	395783	5.794	ng/ul	98
22) Chrysene	21.509	228	350113	4.926	ng/ul	97
24) Benzo(b)fluoranthene	23.137	252	511808	6.984	ng/ul	86
25) Benzo(k)fluoranthene	23.178	252	143376m	2.050	ng/ul	
26) Benzo(a)pyrene	23.754	252	332185	4.983	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	192425	2.917	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.336	278	47276m	0.901	ng/ul	
29) Benzo(g,h,i)perylene	27.088	276	150316	2.649	ng/ul	94

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

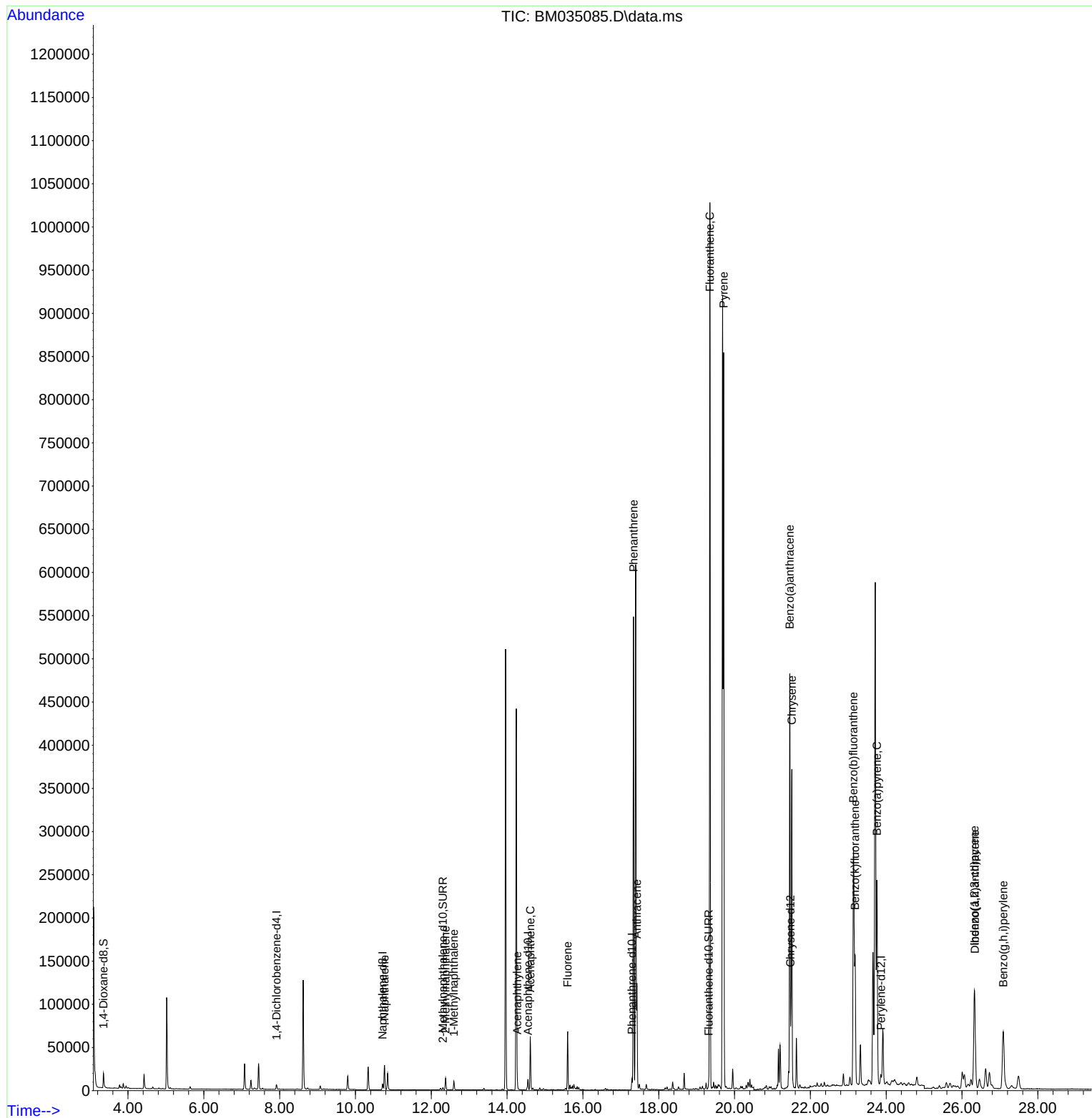
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035085.D
Acq On : 15 May 2022 03:33
Operator : CG/JU
Sample : N2632-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

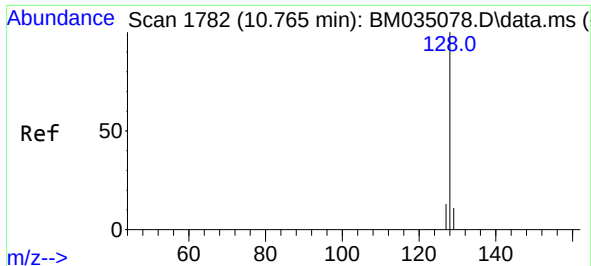
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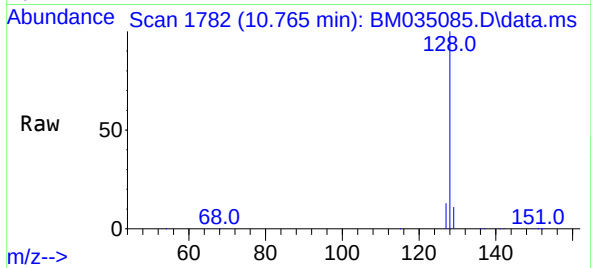
Quant Time: May 15 04:05:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.290 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

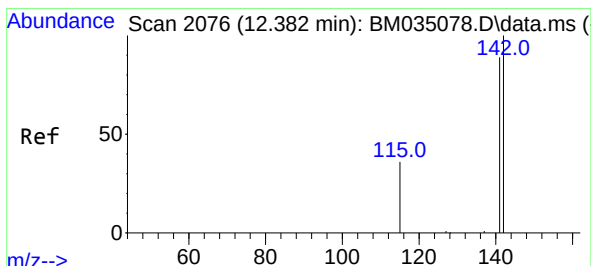
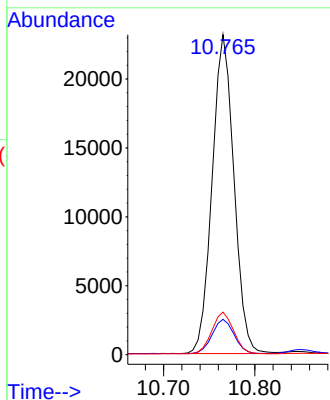
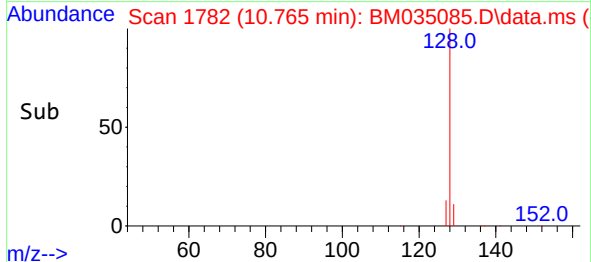
Instrument :
BNA_M
ClientSampleId :
EW4B0



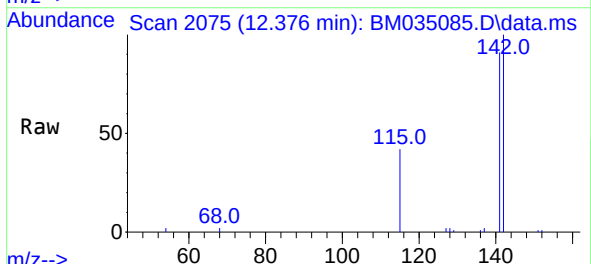
Tgt Ion:128 Resp: 3849
Ion Ratio Lower Upper
128 100
129 11.1 13.4 20.2
127 13.3 15.2 22.8

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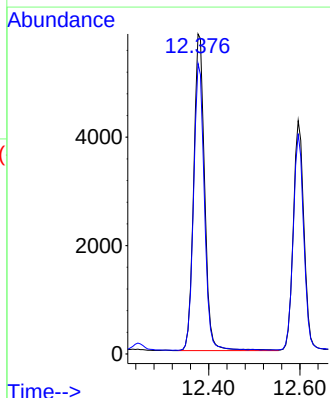
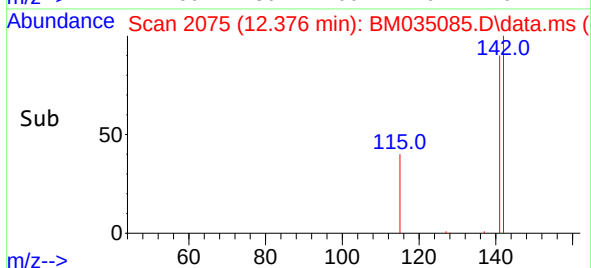
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

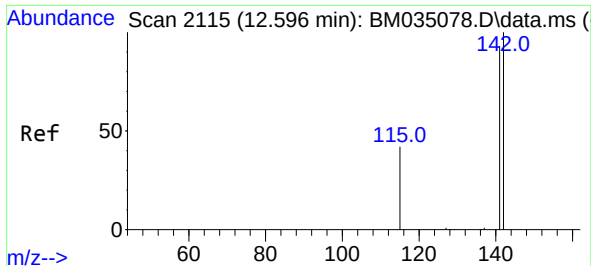


#7
2-Methylnaphthalene
Concen: 0.497 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



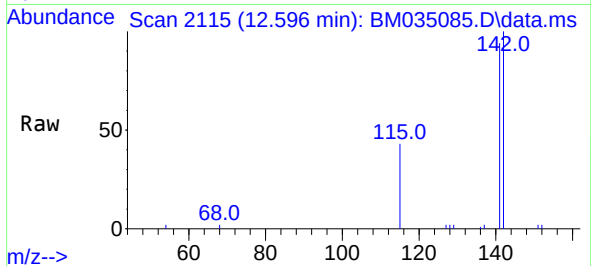
Tgt Ion:142 Resp: 9728
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

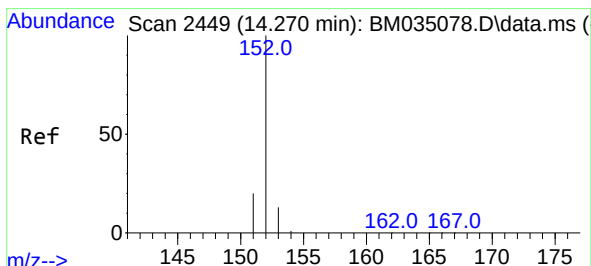
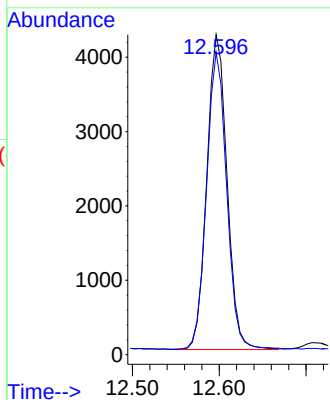
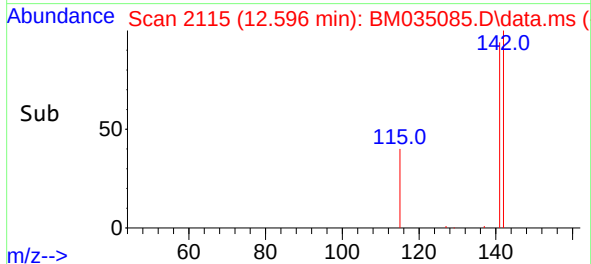
Instrument :
BNA_M
ClientSampleId :
EW4B0



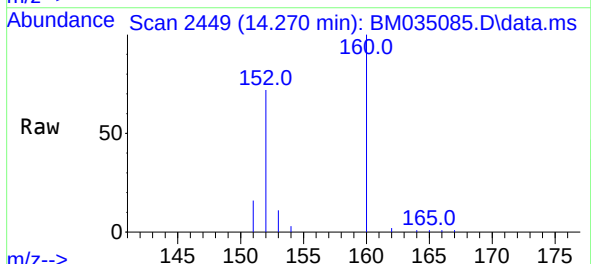
Tgt Ion:142 Resp: 685
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

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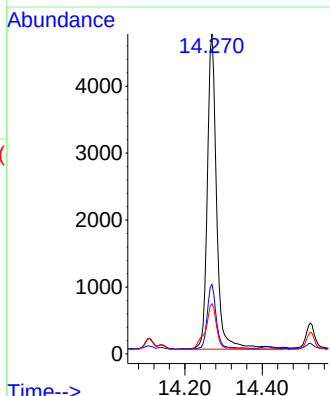
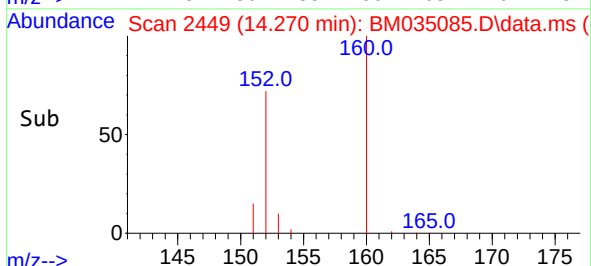
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

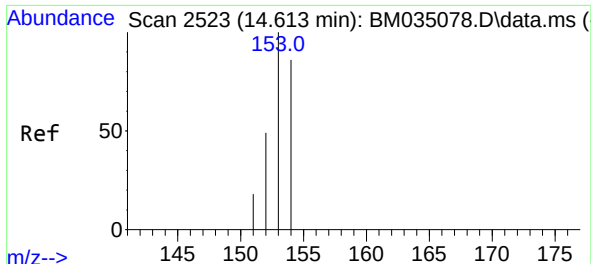


#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



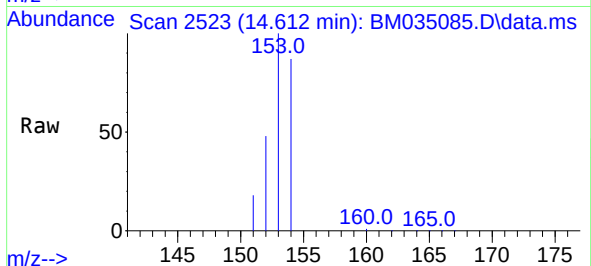
Tgt Ion:152 Resp: 7871
Ion Ratio Lower Upper
152 100
151 21.7 19.9 29.9
153 15.7 15.0 22.4





#11
Acenaphthene
Concen: 1.291 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

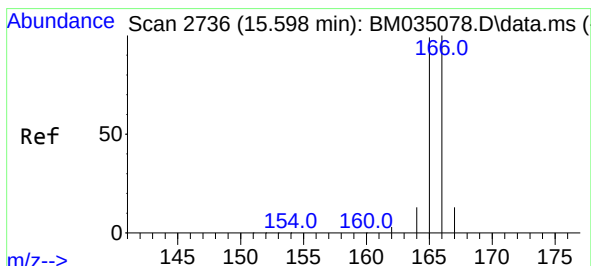
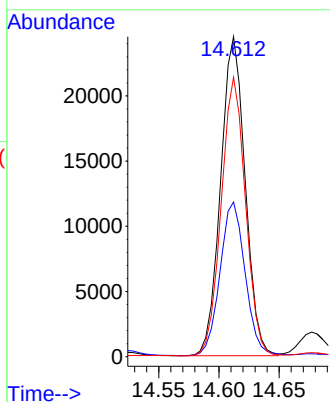
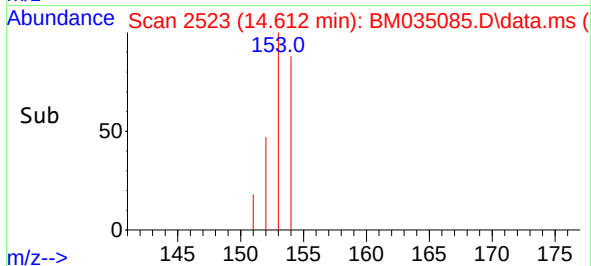
Instrument :
BNA_M
ClientSampleId :
EW4B0



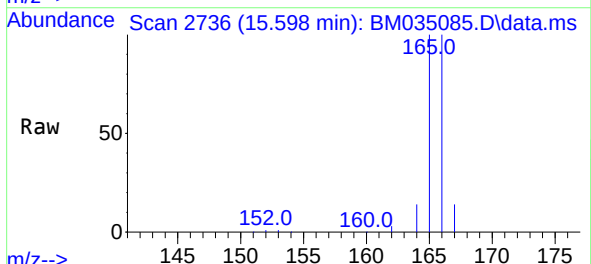
Tgt Ion:153 Resp: 34659
Ion Ratio Lower Upper
153 100
152 48.3 42.4 63.6
154 87.3 66.2 99.2

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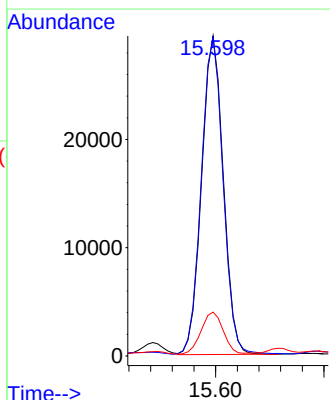
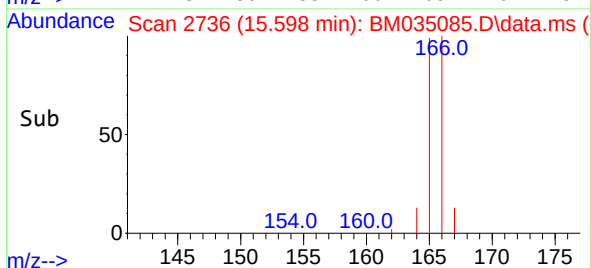
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

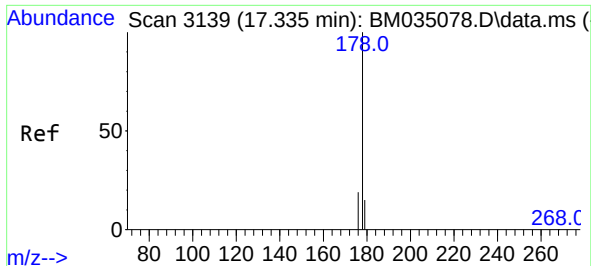


#12
Fluorene
Concen: 1.300 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



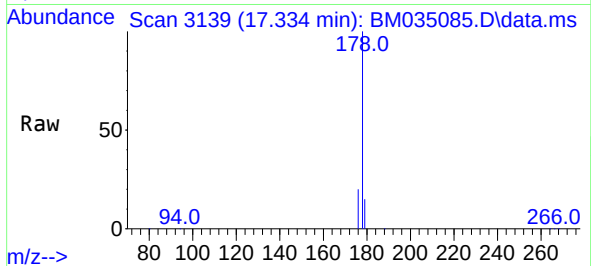
Tgt Ion:166 Resp: 40804
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 13.7 14.9 22.3





#15
Phenanthrene
Concen: 10.397 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

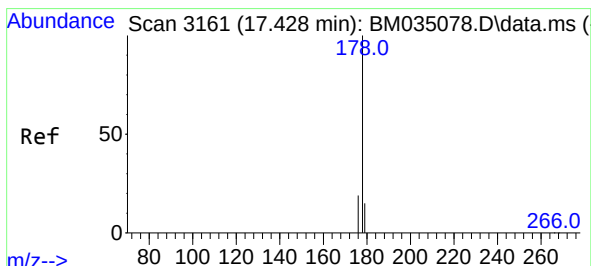
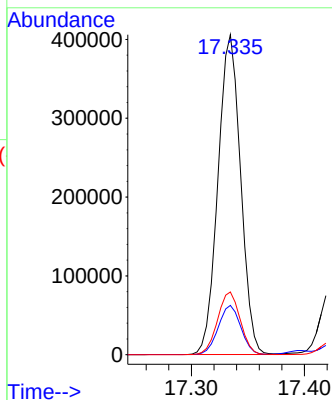
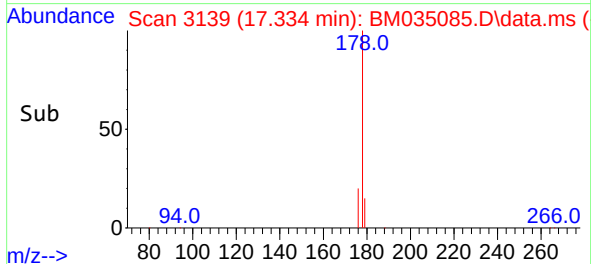
Instrument :
BNA_M
ClientSampleId :
EW4B0



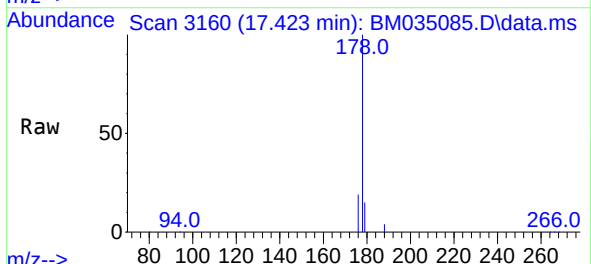
Tgt Ion:178 Resp: 565397
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

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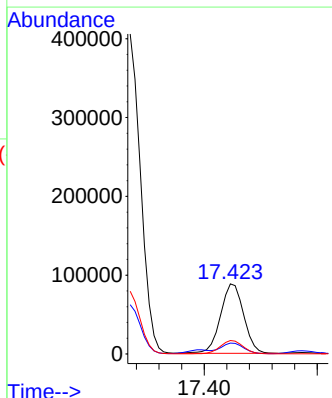
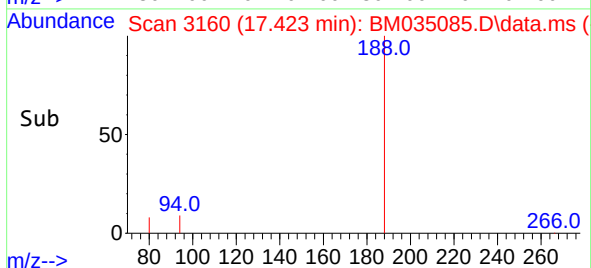
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

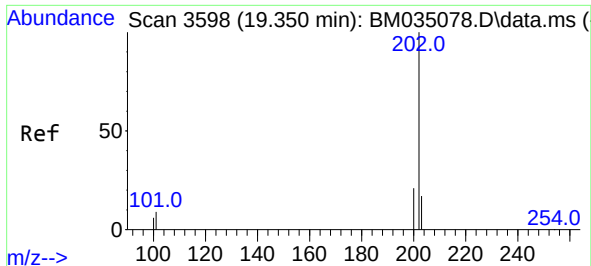


#16
Anthracene
Concen: 2.526 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



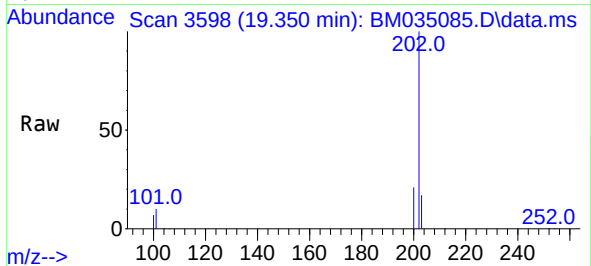
Tgt Ion:178 Resp: 125116
Ion Ratio Lower Upper
178 100
179 15.5 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 10.334 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

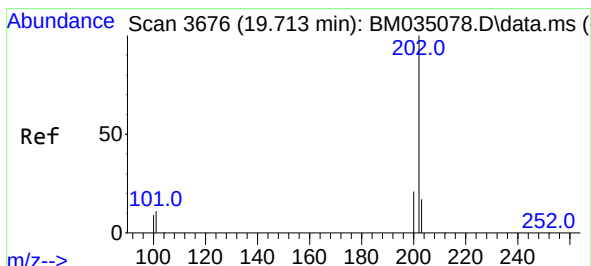
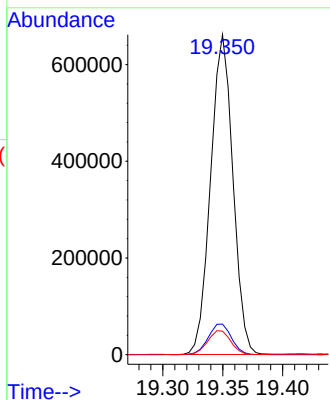
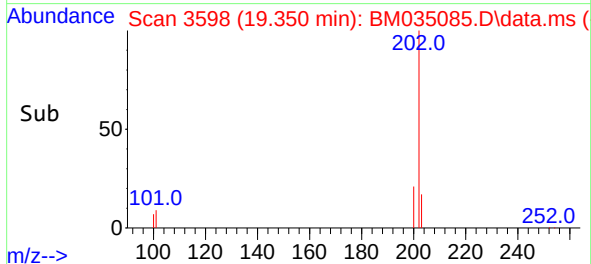
Instrument :
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EW4B0



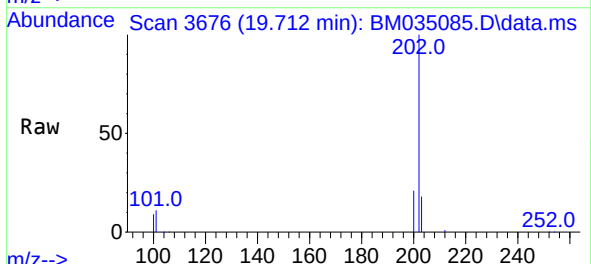
Tgt Ion:202 Resp: 856609
Ion Ratio Lower Upper
202 100
101 9.5 9.2 13.8
100 7.3 7.2 10.8

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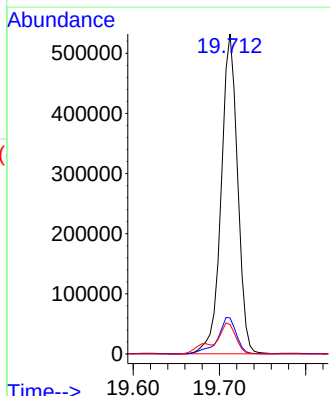
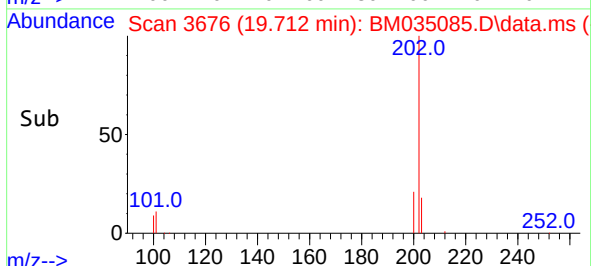
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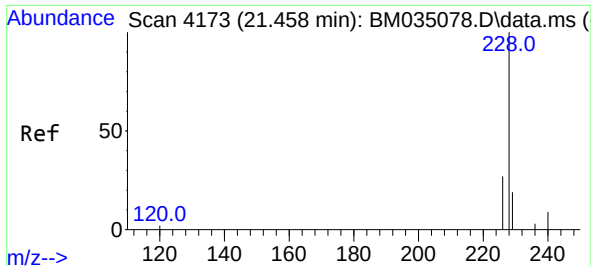


#20
Pyrene
Concen: 8.376 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



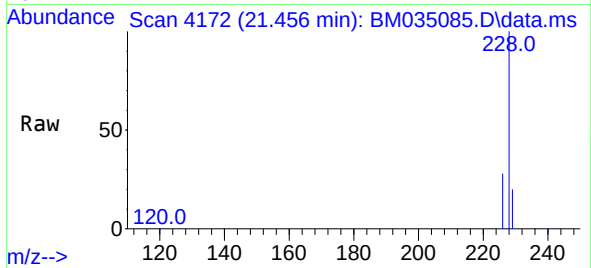
Tgt Ion:202 Resp: 705180
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 5.794 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

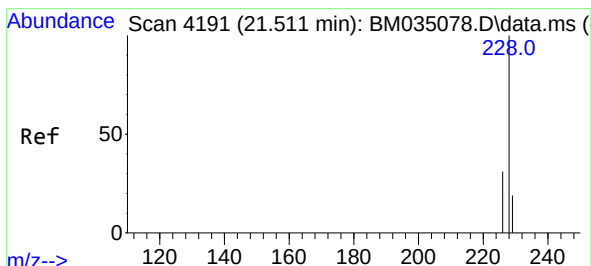
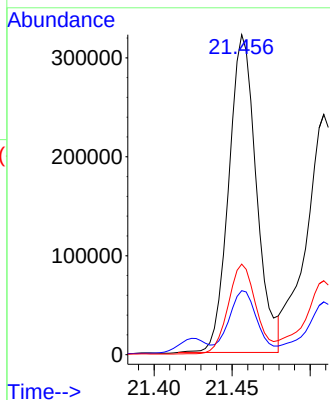
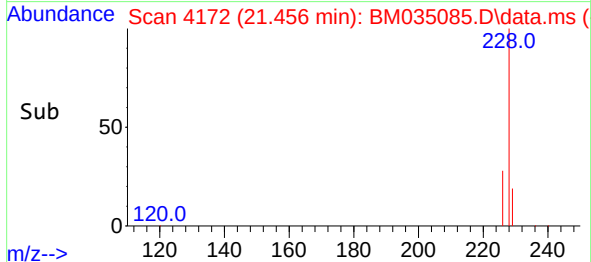
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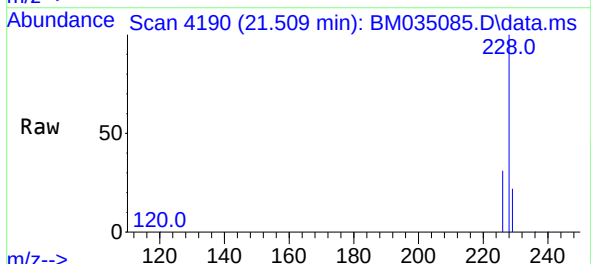
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Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.3 23.2 34.8

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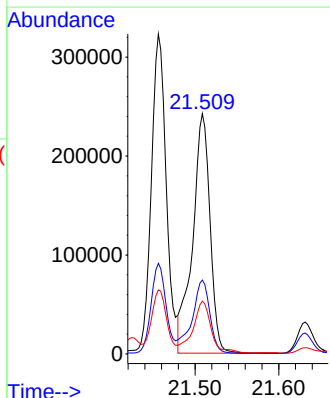
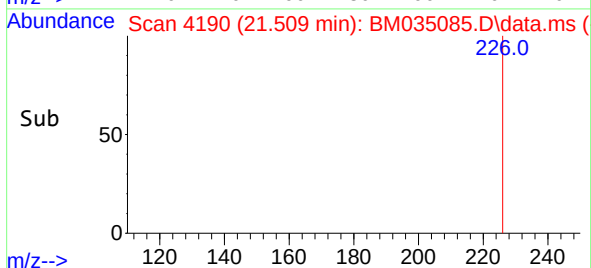
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

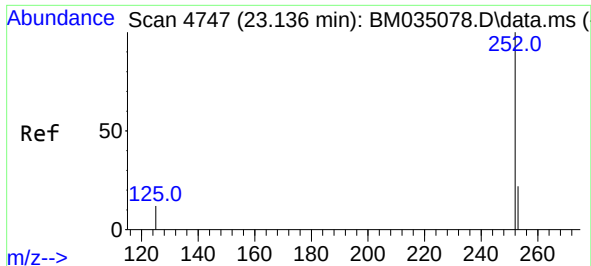


#22
Chrysene
Concen: 4.926 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



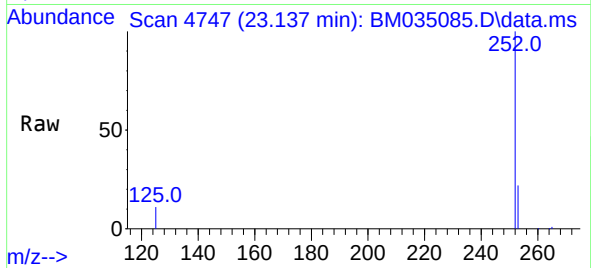
Tgt Ion:228 Resp: 350113
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 22.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.984 ng/ul
RT: 23.137 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

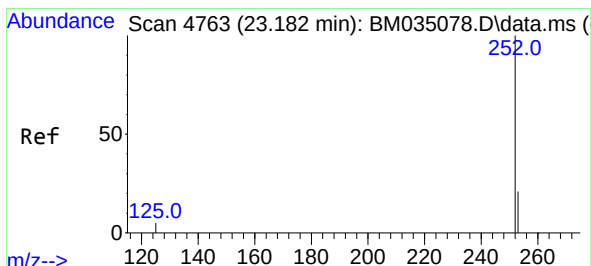
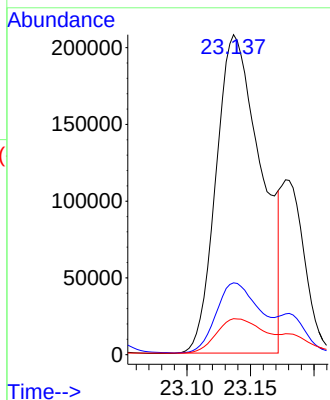
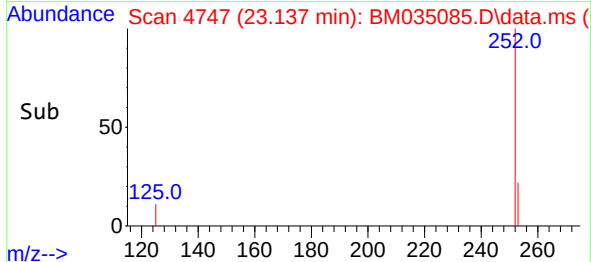
Instrument :
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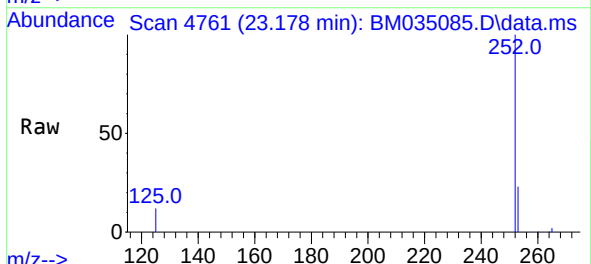
Tgt Ion:252 Resp: 511808
Ion Ratio Lower Upper
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253 22.5 0.0 64.2
125 11.3 0.0 28.8

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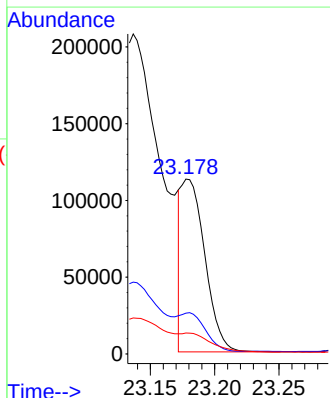
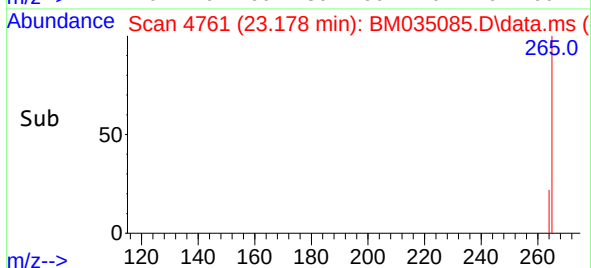
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

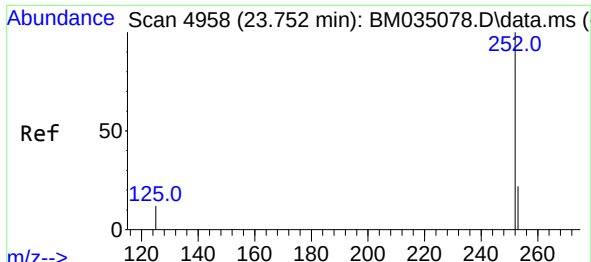


#25
Benzo(k)fluoranthene
Concen: 2.050 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



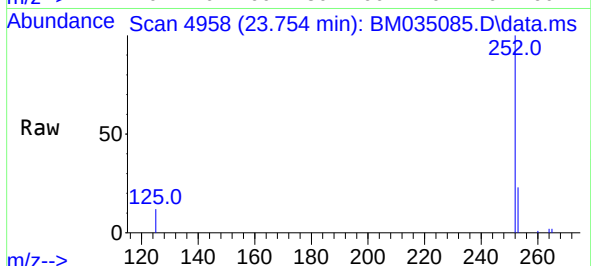
Tgt Ion:252 Resp: 143376
Ion Ratio Lower Upper
252 100
253 23.3 26.8 40.2#
125 12.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 4.983 ng/ul
RT: 23.754 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

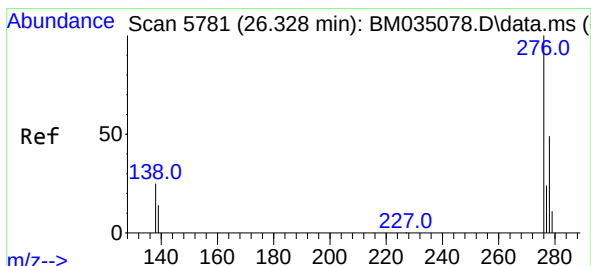
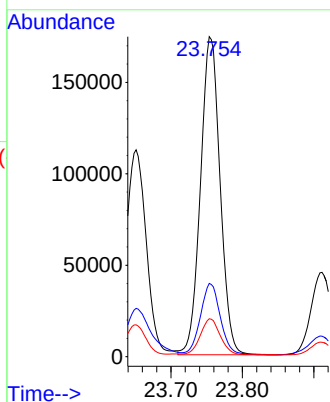
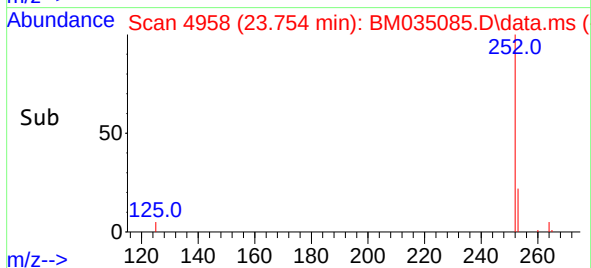
Instrument :
BNA_M
ClientSampleId :
EW4B0



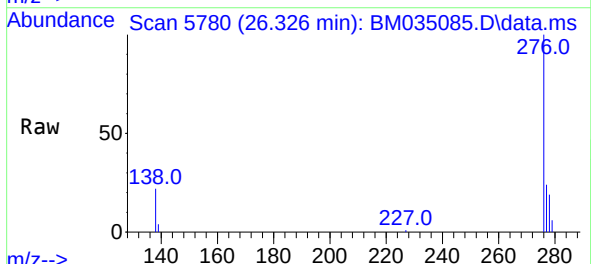
Tgt Ion:252 Resp: 332185
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0
125 11.9 14.5 21.7

Manual Integrations
APPROVED

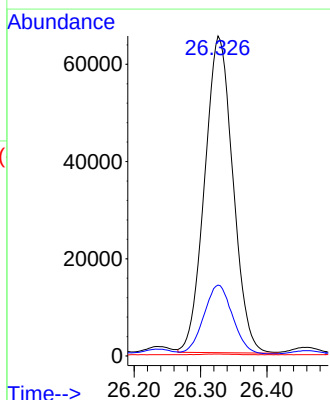
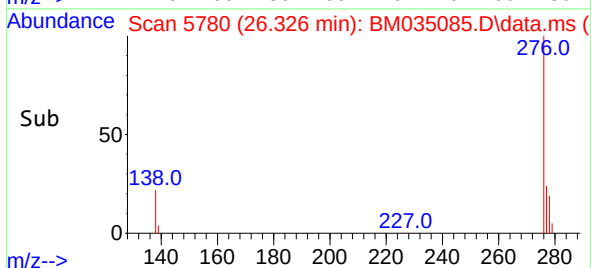
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

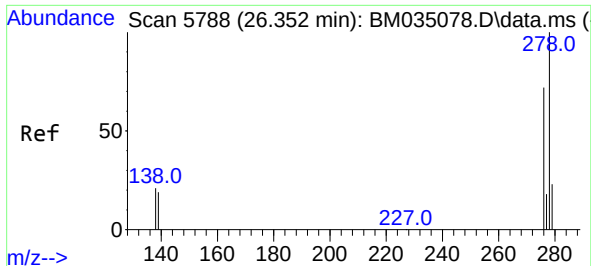


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.917 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



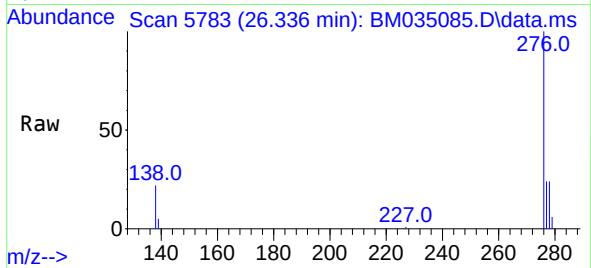
Tgt Ion:276 Resp: 192425
Ion Ratio Lower Upper
276 100
138 22.2 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.901 ng/ul m
RT: 26.336 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33

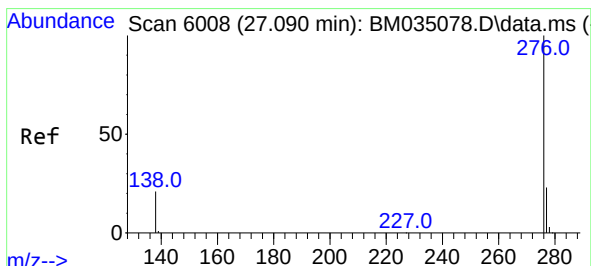
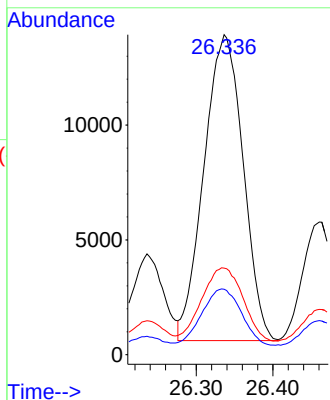
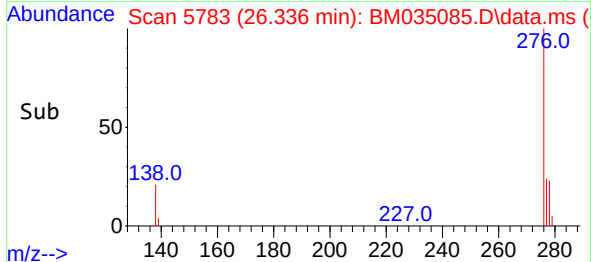
Instrument :
BNA_M
ClientSampleId :
EW4B0



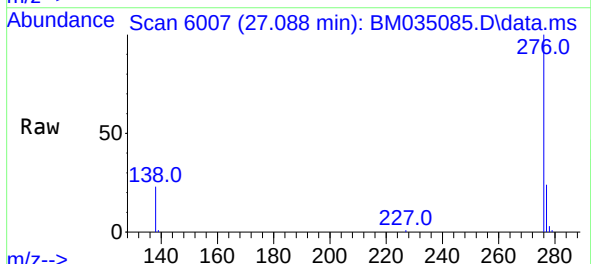
Tgt Ion:278 Resp: 47270
Ion Ratio Lower Upper
278 100
139 20.5 18.0 27.0
279 27.1 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.649 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035085.D
Acq: 15 May 2022 03:33



Tgt Ion:276 Resp: 150316
Ion Ratio Lower Upper
276 100
138 22.9 17.4 26.0
277 23.6 22.6 33.8

