

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035123.D
 Acq On : 17 May 2022 03:21
 Operator : CG/JU
 Sample : PB144799BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS799

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 04:05:12 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	7.913	152	3038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	9733	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.547	164	6266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	13904	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	10399	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	8353	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	2448	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5639	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	13566	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	6356m	1.739	ng/ul	
5) Naphthalene	10.759	128	10689	0.333	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	7228	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	7269	0.370	ng/ul	100
10) Acenaphthylene	14.265	152	11938	0.322	ng/ul#	91
11) Acenaphthene	14.607	153	8861	0.331	ng/ul	96
12) Fluorene	15.593	166	10415	0.333	ng/ul#	98
14) Pentachlorophenol	16.942	266	3075	0.586	ng/ul	98
15) Phenanthrene	17.330	178	17510	0.331	ng/ul	95
16) Anthracene	17.423	178	15770	0.327	ng/ul#	91
19) Fluoranthene	19.345	202	20217	0.346	ng/ul	99
20) Pyrene	19.707	202	20490	0.345	ng/ul	98
21) Benzo(a)anthracene	21.456	228	15873	0.330	ng/ul	98
22) Chrysene	21.508	228	16931	0.338	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	14809	0.338	ng/ul	91
25) Benzo(k)fluoranthene	23.177	252	14584	0.349	ng/ul#	90
26) Benzo(a)pyrene	23.750	252	13459	0.338	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.323	276	15082	0.382	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.339	278	12129	0.387	ng/ul#	90
29) Benzo(g,h,i)perylene	27.081	276	13087	0.386	ng/ul	94

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

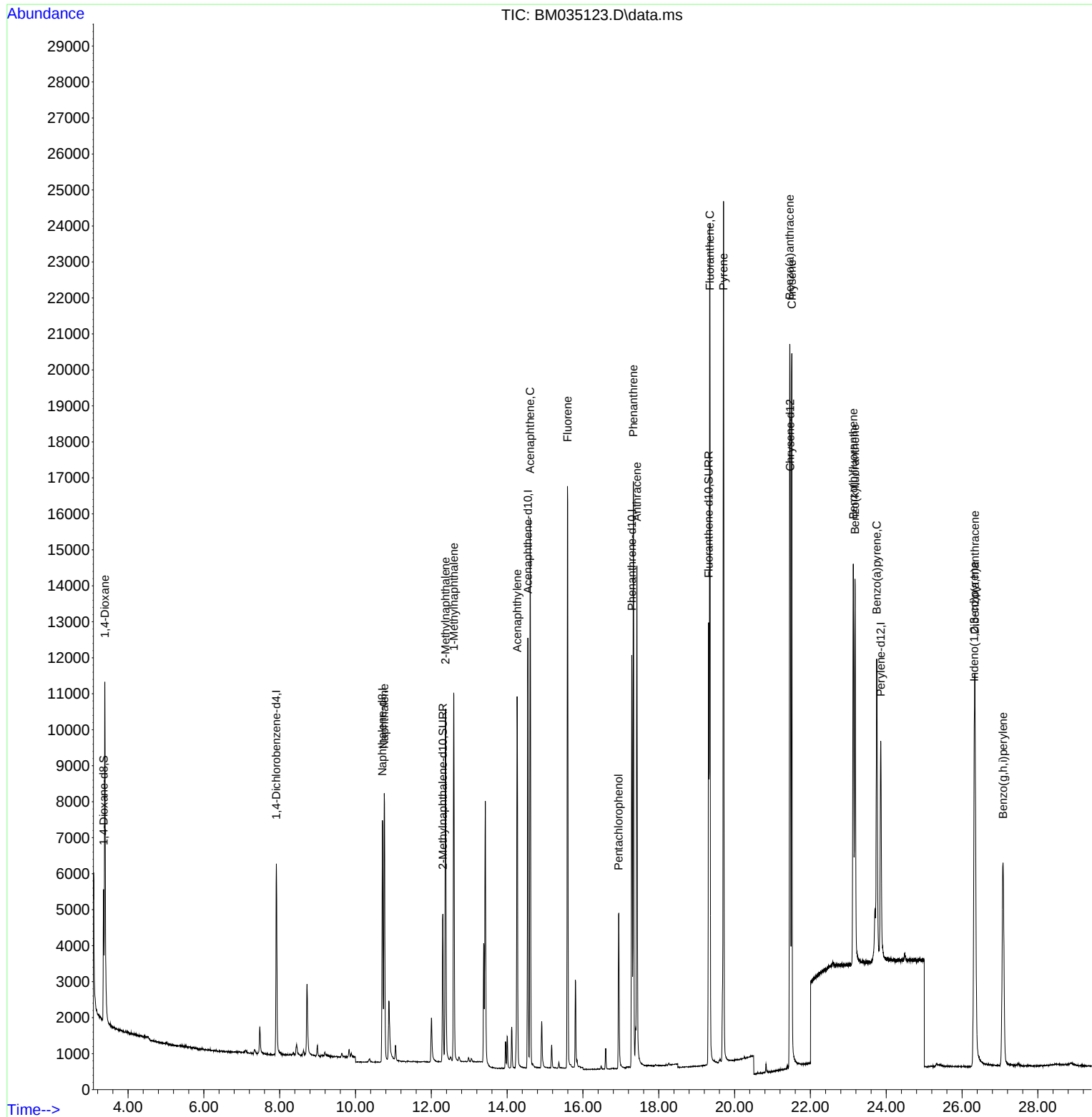
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035123.D
Acq On : 17 May 2022 03:21
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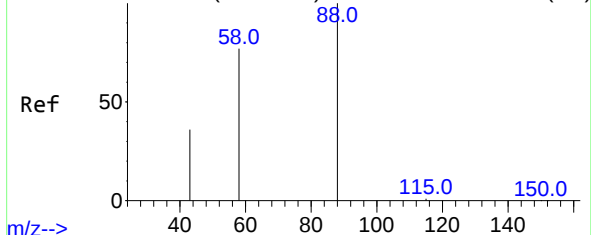
Quant Time: May 17 04:05:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
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Supervised By :mohammad ahmed 05/18/2022



Abundance Scan 74 (3.394 min): BM035110.D\data.ms (-68)



#2

1,4-Dioxane

Concen: 1.739 ng/ul m

RT: 3.390 min Scan# 74

Delta R.T. -0.004 min

Lab File: BM035123.D

Acq: 17 May 2022 03:21

Instrument :

BNA_M

ClientSampleId :

SLCS799

Tgt Ion: 88 Resp: 6350

Ion Ratio Lower Upper

88 100

43 36.2 49.7 74.5

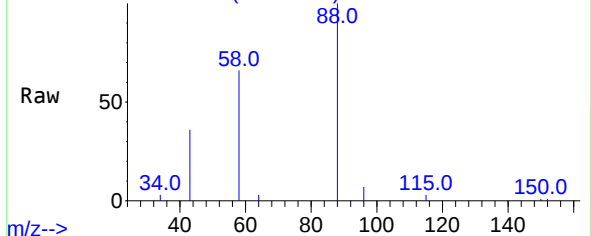
58 65.5 52.5 78.7

Manual Integrations

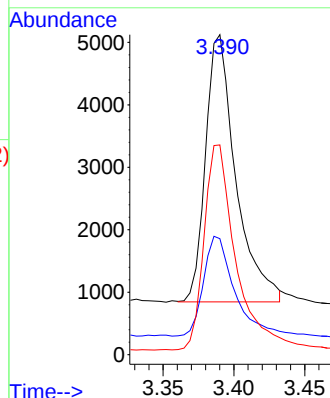
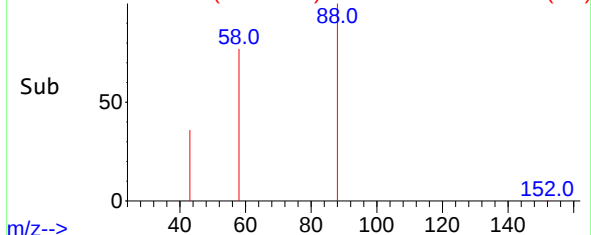
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Supervised By :mohammad ahmed 05/18/2022

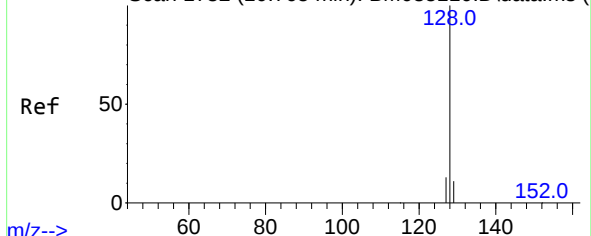
Abundance Scan 73 (3.390 min): BM035123.D\data.ms



Abundance Scan 73 (3.390 min): BM035123.D\data.ms (-62)



Abundance Scan 1782 (10.765 min): BM035110.D\data.ms (-62)



#5

Naphthalene

Concen: 0.333 ng/ul

RT: 10.759 min Scan# 1781

Delta R.T. -0.011 min

Lab File: BM035123.D

Acq: 17 May 2022 03:21

Tgt Ion:128 Resp: 10689

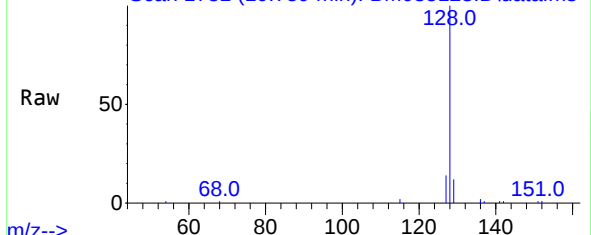
Ion Ratio Lower Upper

128 100

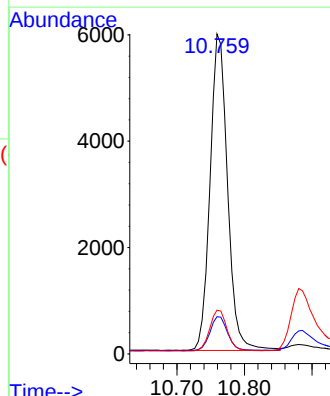
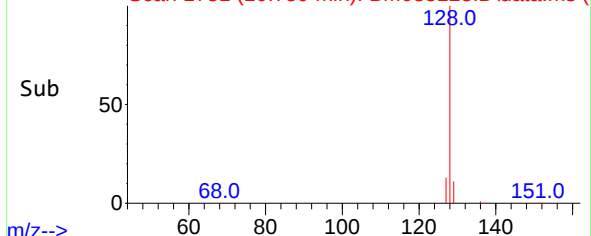
129 11.7 13.4 20.2#

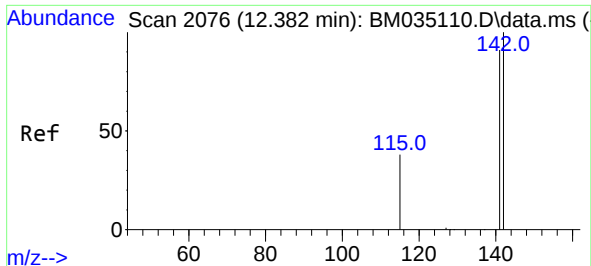
127 13.7 15.2 22.8#

Abundance Scan 1781 (10.759 min): BM035123.D\data.ms



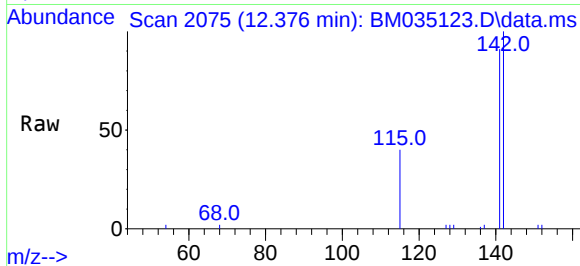
Abundance Scan 1781 (10.759 min): BM035123.D\data.ms (-62)





#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.376 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

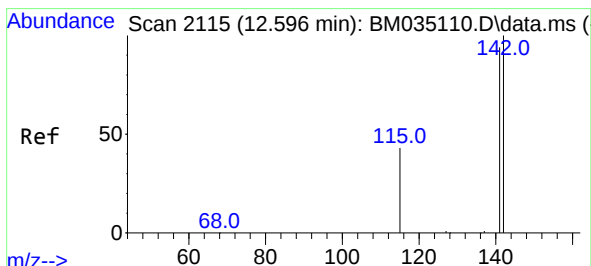
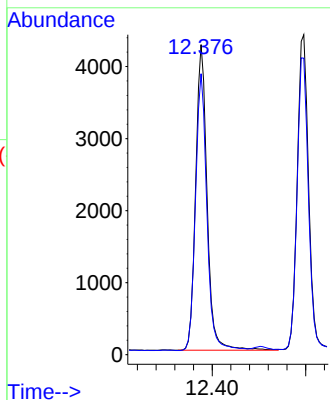
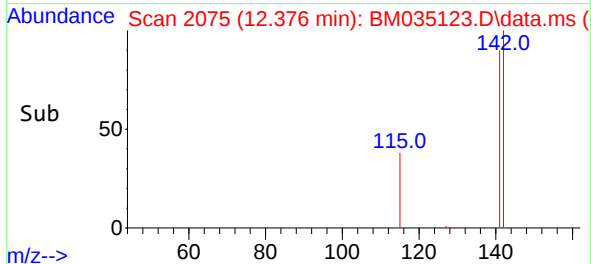
Instrument :
BNA_M
ClientSampleId :
SLCS799



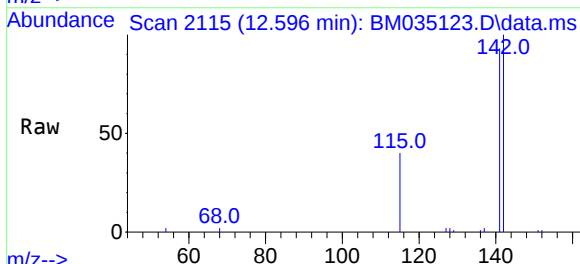
Tgt Ion:142 Resp: 7228
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.6

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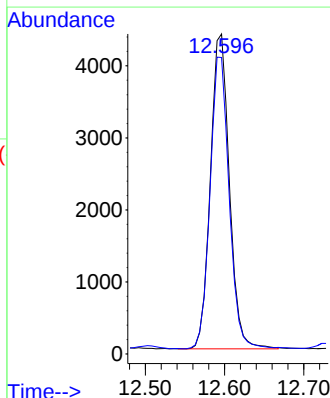
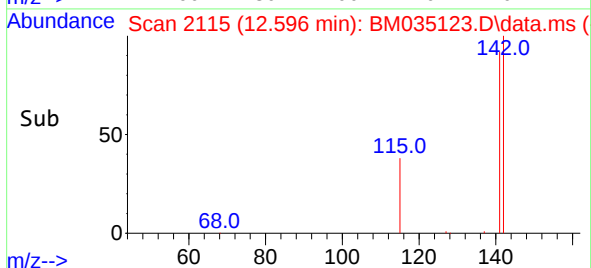
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

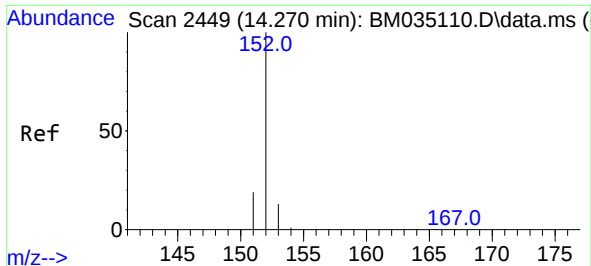


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4





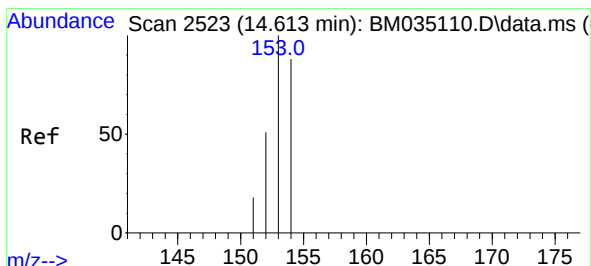
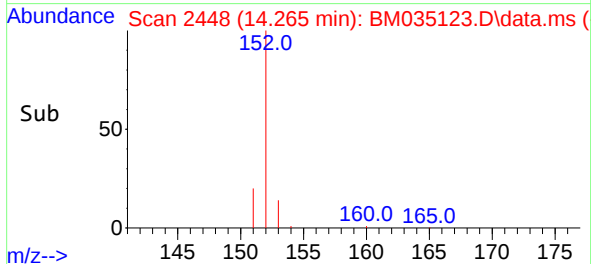
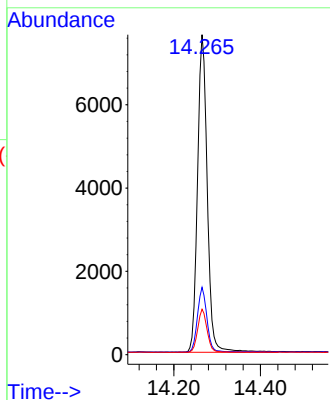
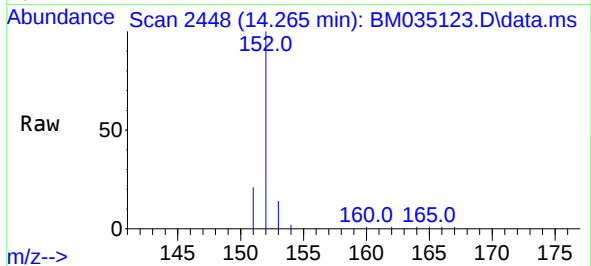
#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.265 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

Instrument :
BNA_M
ClientSampleId :
SLCS799

Tgt Ion:152 Resp: 11938
Ion Ratio Lower Upper
152 100
151 21.0 19.9 29.9
153 14.2 15.0 22.4

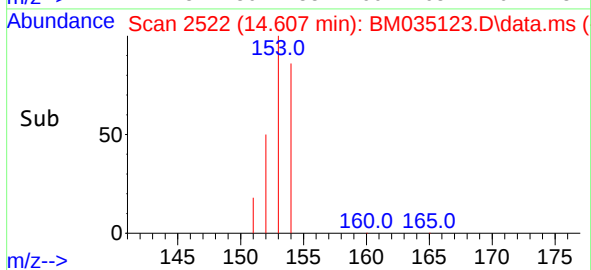
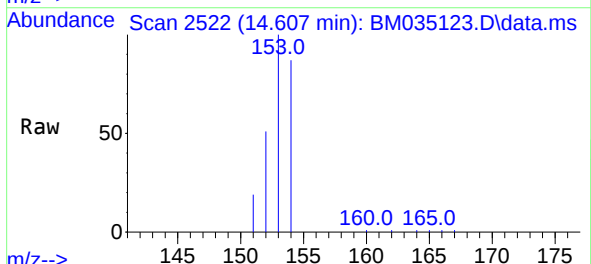
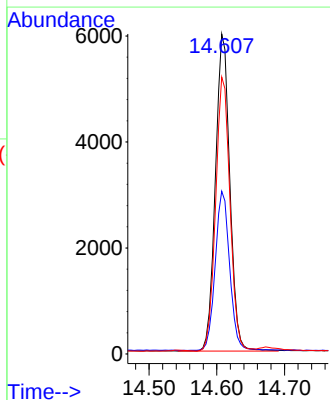
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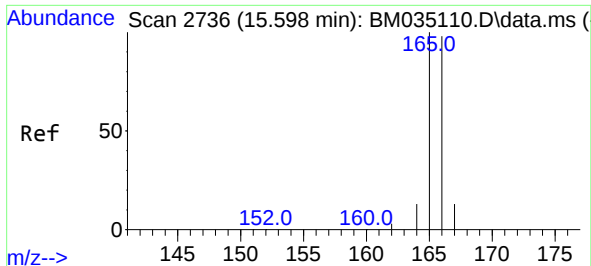
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. -0.009 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

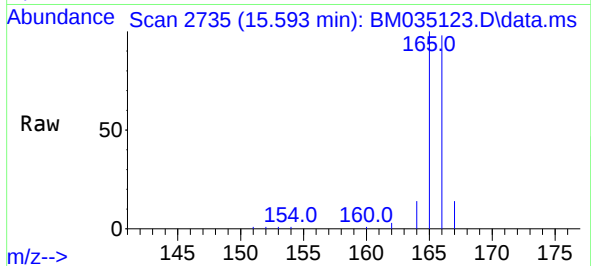
Tgt Ion:153 Resp: 8861
Ion Ratio Lower Upper
153 100
152 50.9 42.4 63.6
154 86.5 66.2 99.2





#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.009 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

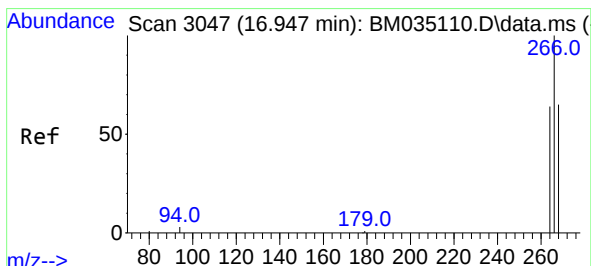
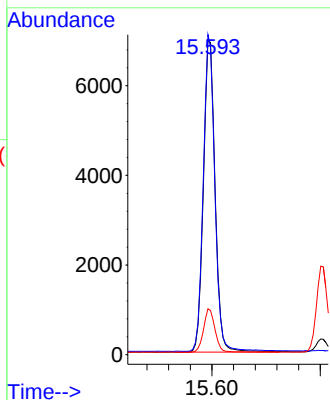
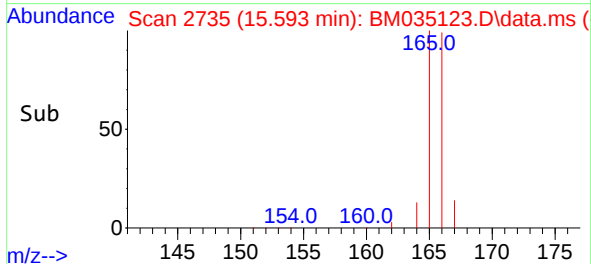
Instrument :
BNA_M
ClientSampleId :
SLCS799



Tgt Ion:166 Resp: 1041
Ion Ratio Lower Upper
166 100
165 101.8 81.1 121.7
167 14.6 14.9 22.3

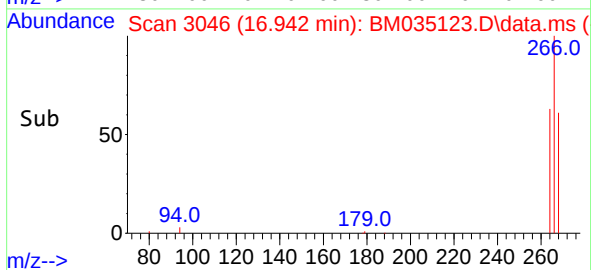
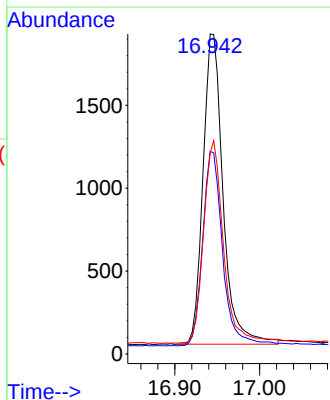
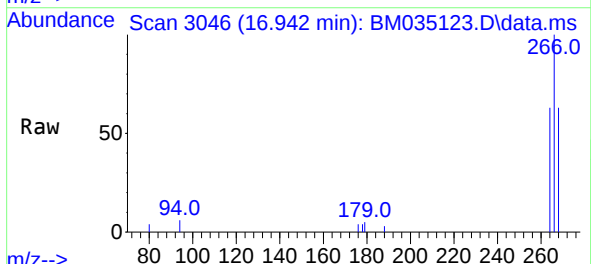
Manual Integrations
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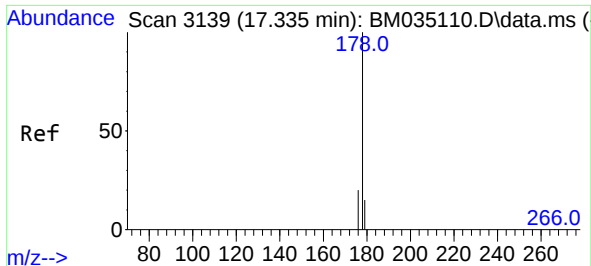
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#14
Pentachlorophenol
Concen: 0.586 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

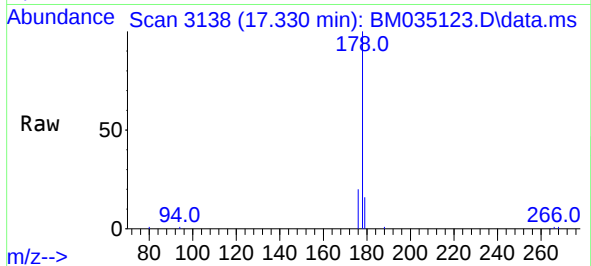
Tgt Ion:266 Resp: 3075
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 64.6 53.1 79.7





#15
Phenanthrene
Concen: 0.331 ng/u1
RT: 17.330 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

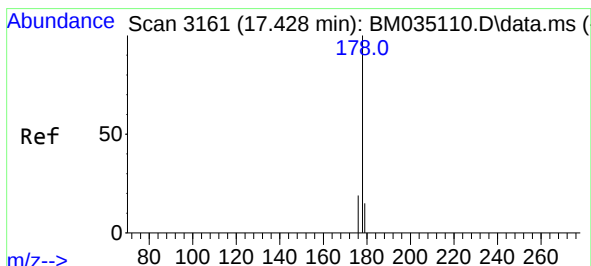
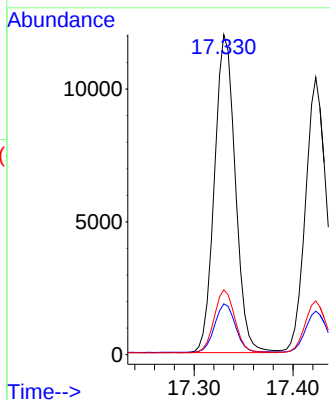
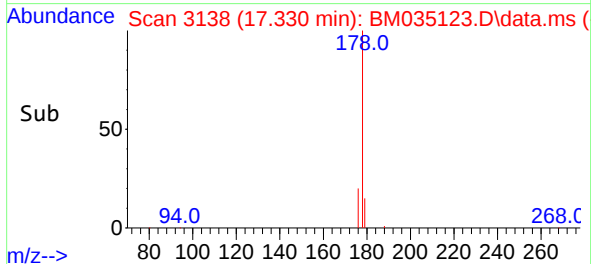
Instrument :
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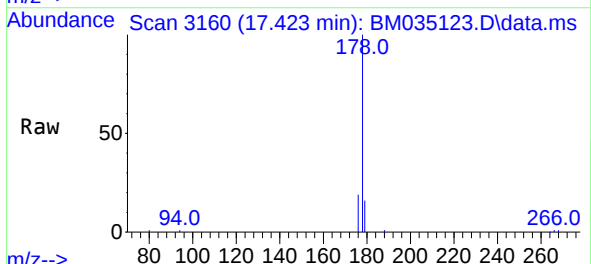
Tgt Ion:178 Resp: 17510
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 20.3 17.9 26.9

Manual Integrations
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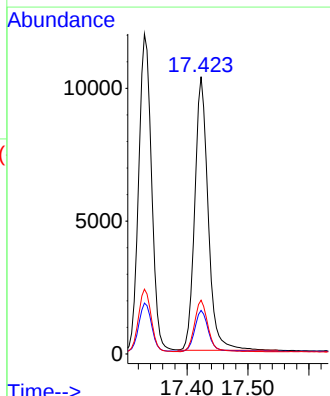
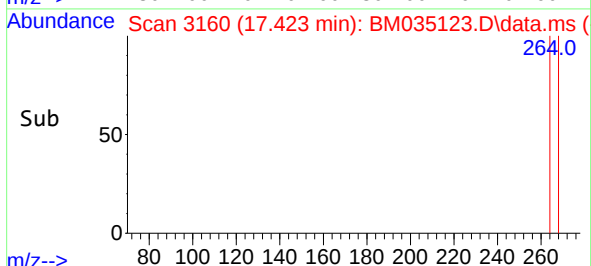
Reviewed By :Jagrut Upadhyay 05/17/2022
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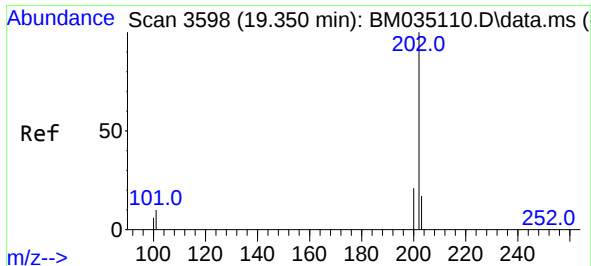


#16
Anthracene
Concen: 0.327 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



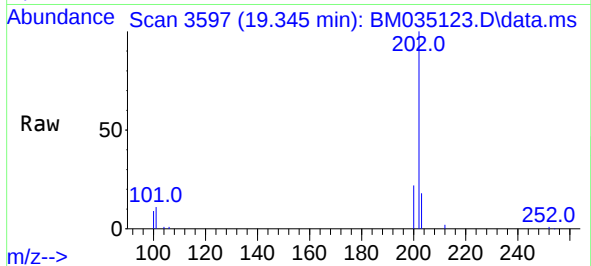
Tgt Ion:178 Resp: 15770
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.345 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

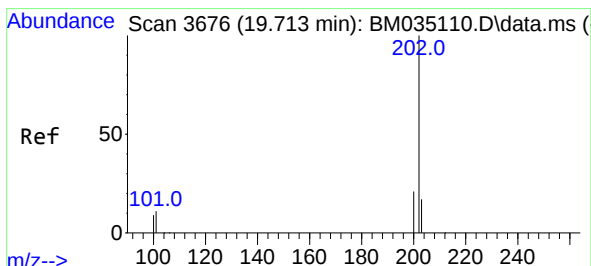
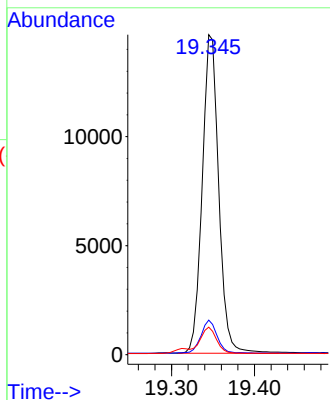
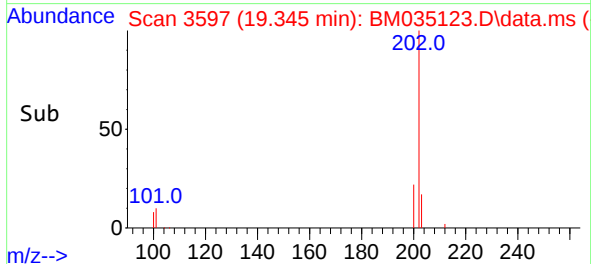
Instrument :
BNA_M
ClientSampleId :
SLCS799



Tgt Ion:202 Resp: 2021
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
100 8.6 7.2 10.8

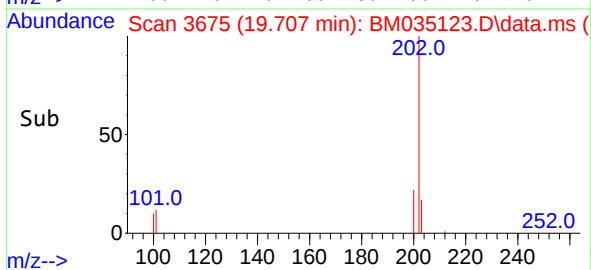
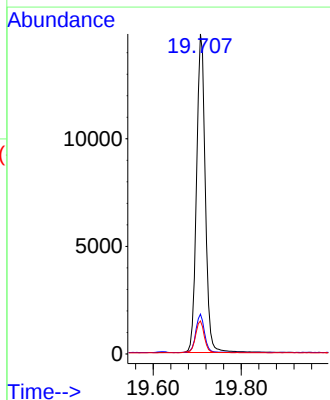
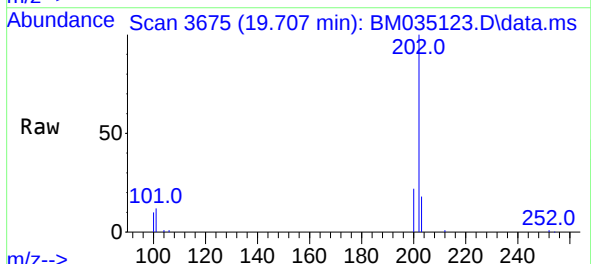
Manual Integrations
APPROVED

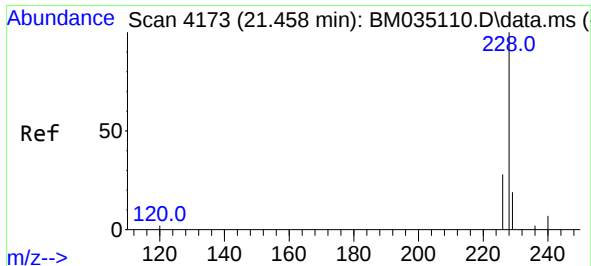
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

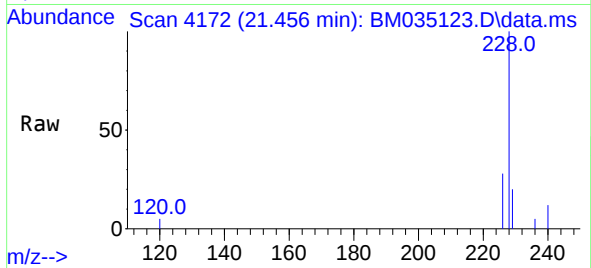
Tgt Ion:202 Resp: 20490
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.330 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

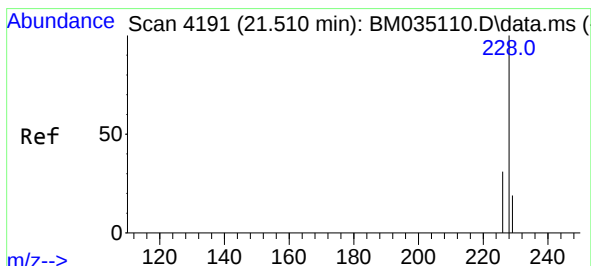
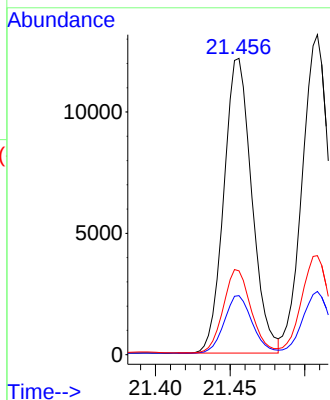
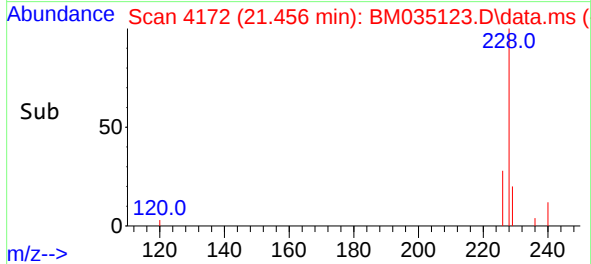
Instrument :
BNA_M
ClientSampleId :
SLCS799



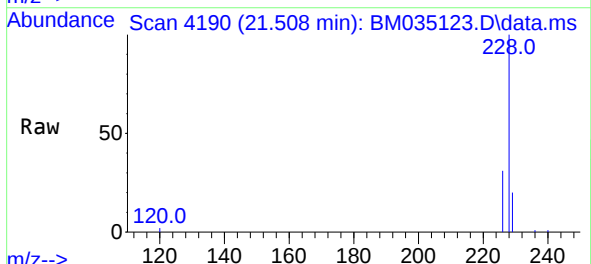
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Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.3 23.2 34.8

Manual Integrations
APPROVED

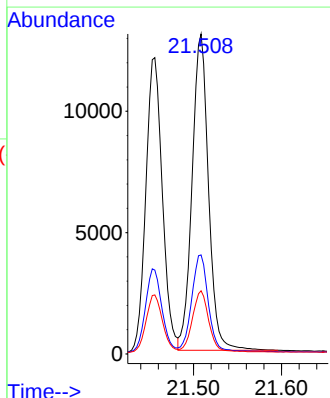
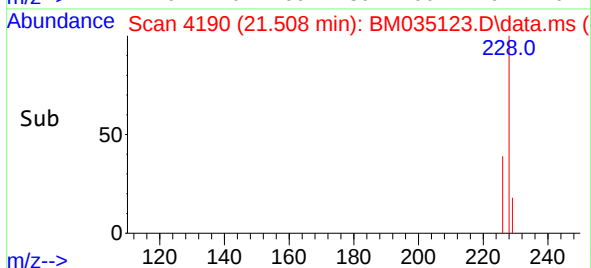
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

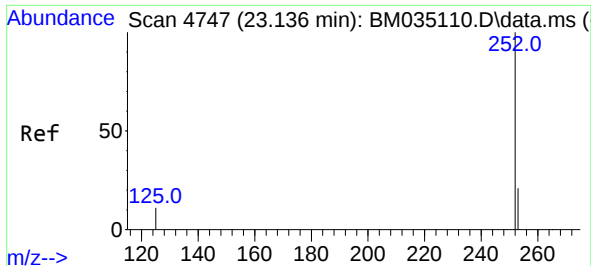


#22
Chrysene
Concen: 0.338 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



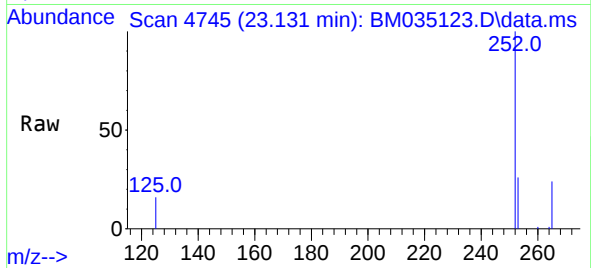
Tgt Ion:228 Resp: 16931
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 19.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

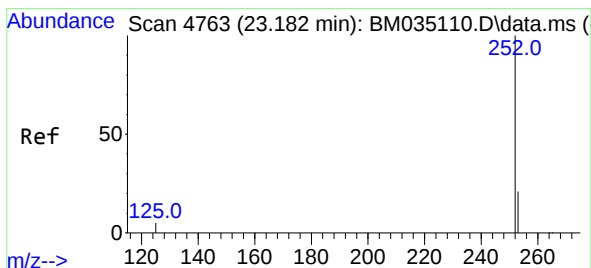
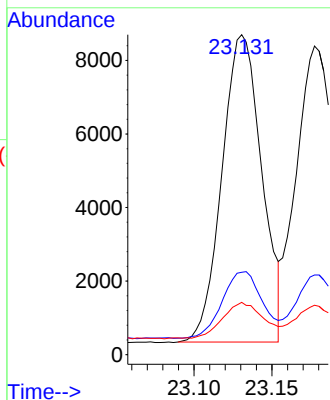
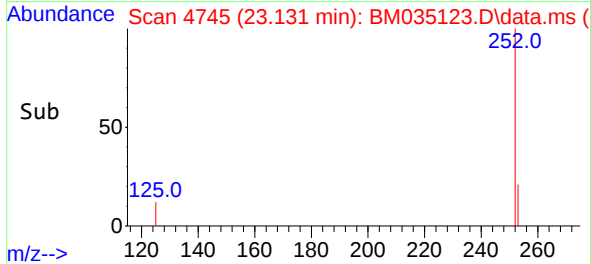
Instrument :
BNA_M
ClientSampleId :
SLCS799



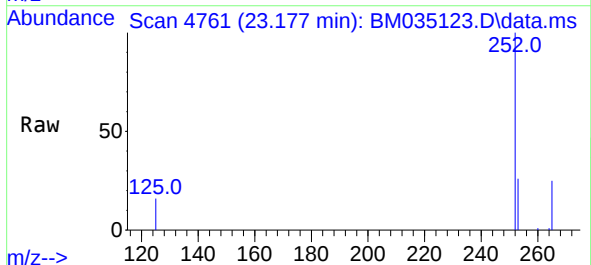
Tgt Ion:252 Resp: 14809
Ion Ratio Lower Upper
252 100
253 25.8 0.0 64.2
125 16.4 0.0 28.8

Manual Integrations
APPROVED

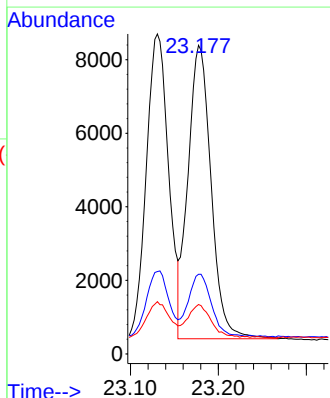
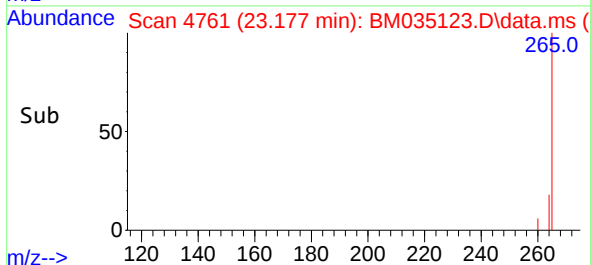
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

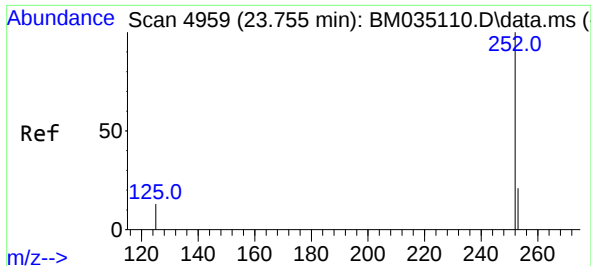


#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.177 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



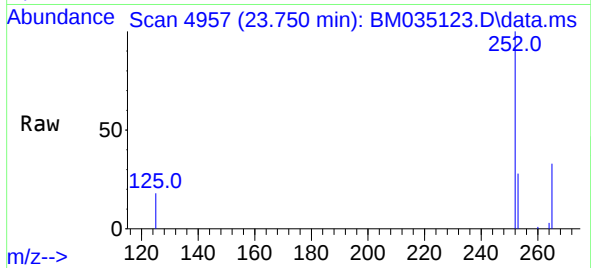
Tgt Ion:252 Resp: 14584
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2#
125 16.0 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.750 min Scan# 4959
Delta R.T. -0.000 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

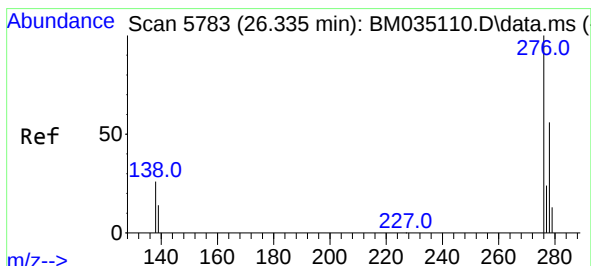
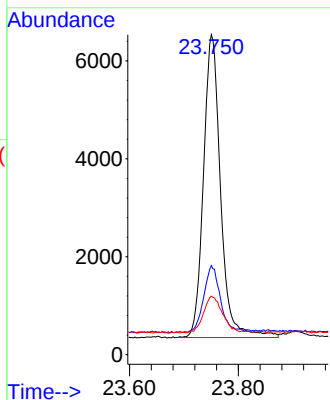
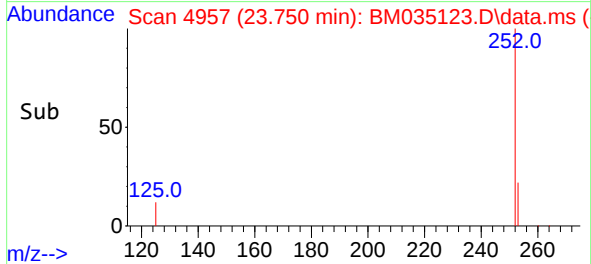
Instrument :
BNA_M
ClientSampleId :
SLCS799



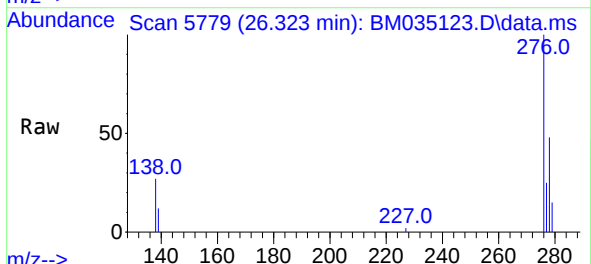
Tgt Ion:252 Resp: 13459
Ion Ratio Lower Upper
252 100
253 27.9 32.0 48.0#
125 18.3 14.5 21.7

Manual Integrations
APPROVED

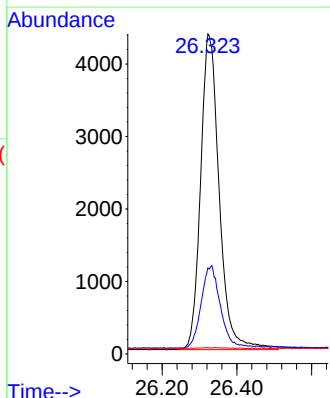
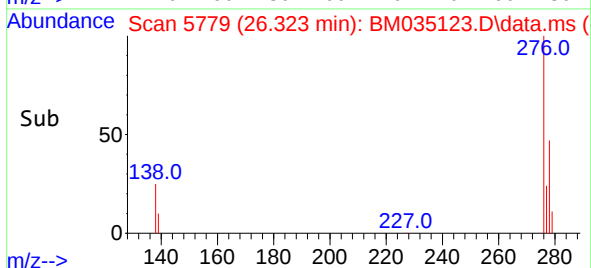
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

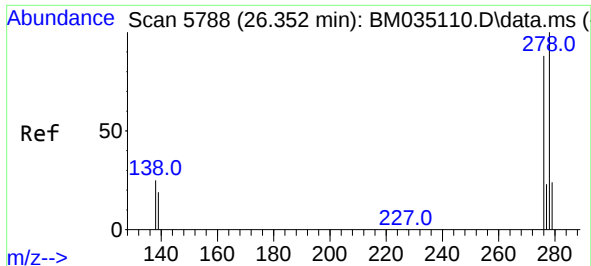


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



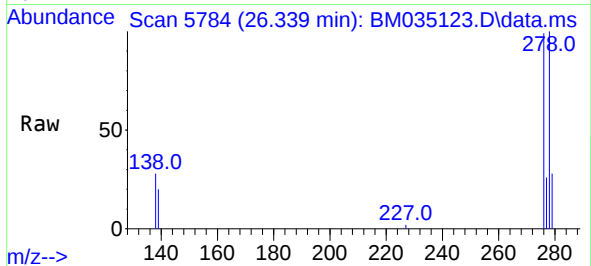
Tgt Ion:276 Resp: 15082
Ion Ratio Lower Upper
276 100
138 26.8 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.339 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21

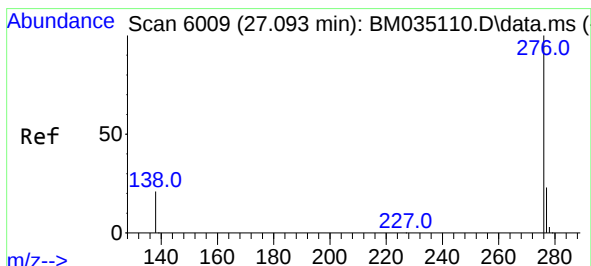
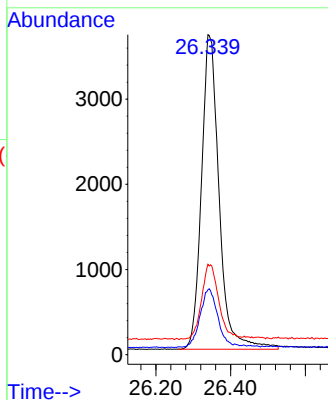
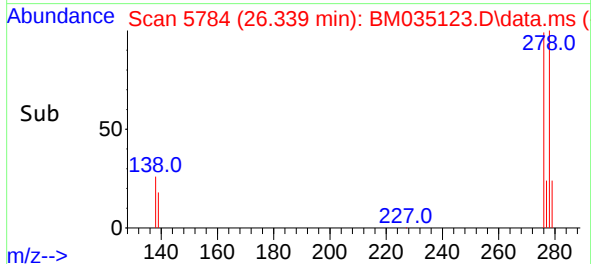
Instrument :
BNA_M
ClientSampleId :
SLCS799



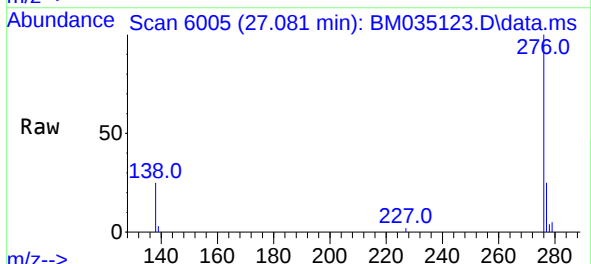
Tgt Ion:278 Resp: 12129
Ion Ratio Lower Upper
278 100
139 20.3 18.0 27.0
279 28.2 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.000 min
Lab File: BM035123.D
Acq: 17 May 2022 03:21



Tgt Ion:276 Resp: 13087
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 25.0 22.6 33.8

