

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035755.D
 Acq On : 29 Jun 2022 10:46
 Operator : CG/JU
 Sample : PB145659BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS659

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 11:23:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 07:47:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	2806	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.594	136	10062	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.423	164	5354m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	9953	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.370	240	10084	0.400	ng/ul	# 0.00
23) Perylene-d12	23.694	264	10327	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	3550	0.932	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	5839	0.371	ng/ul	-0.03
18) Fluoranthene-d10	19.211	212	12007	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	8811m	2.339	ng/ul	
5) Naphthalene	10.644	128	11012	0.358	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	6301	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.475	142	6593	0.362	ng/ul	99
10) Acenaphthylene	14.150	152	10527	0.375	ng/ul	99
11) Acenaphthene	14.488	153	7695	0.356	ng/ul	98
12) Fluorene	15.492	166	8274	0.332	ng/ul	98
14) Pentachlorophenol	16.871	266	1584	1.008	ng/ul	96
15) Phenanthrene	17.225	178	12401	0.344	ng/ul	97
16) Anthracene	17.323	178	11439	0.382	ng/ul	96
19) Fluoranthene	19.239	202	15735	0.311	ng/ul	95
20) Pyrene	19.601	202	17264	0.305	ng/ul	96
21) Benzo(a)anthracene	21.356	228	13307	0.382	ng/ul#	92
22) Chrysene	21.405	228	16010	0.357	ng/ul#	93
24) Benzo(b)fluoranthene	22.989	252	16364	0.370	ng/ul	78
25) Benzo(k)fluoranthene	23.036	252	16617	0.367	ng/ul#	78
26) Benzo(a)pyrene	23.595	252	17318	0.383	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.104	276	21882	0.444	ng/ul	96
28) Dibenzo(a,h)anthracene	26.111	278	17548	0.450	ng/ul#	75
29) Benzo(g,h,i)perylene	26.842	276	19505	0.429	ng/ul#	86

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

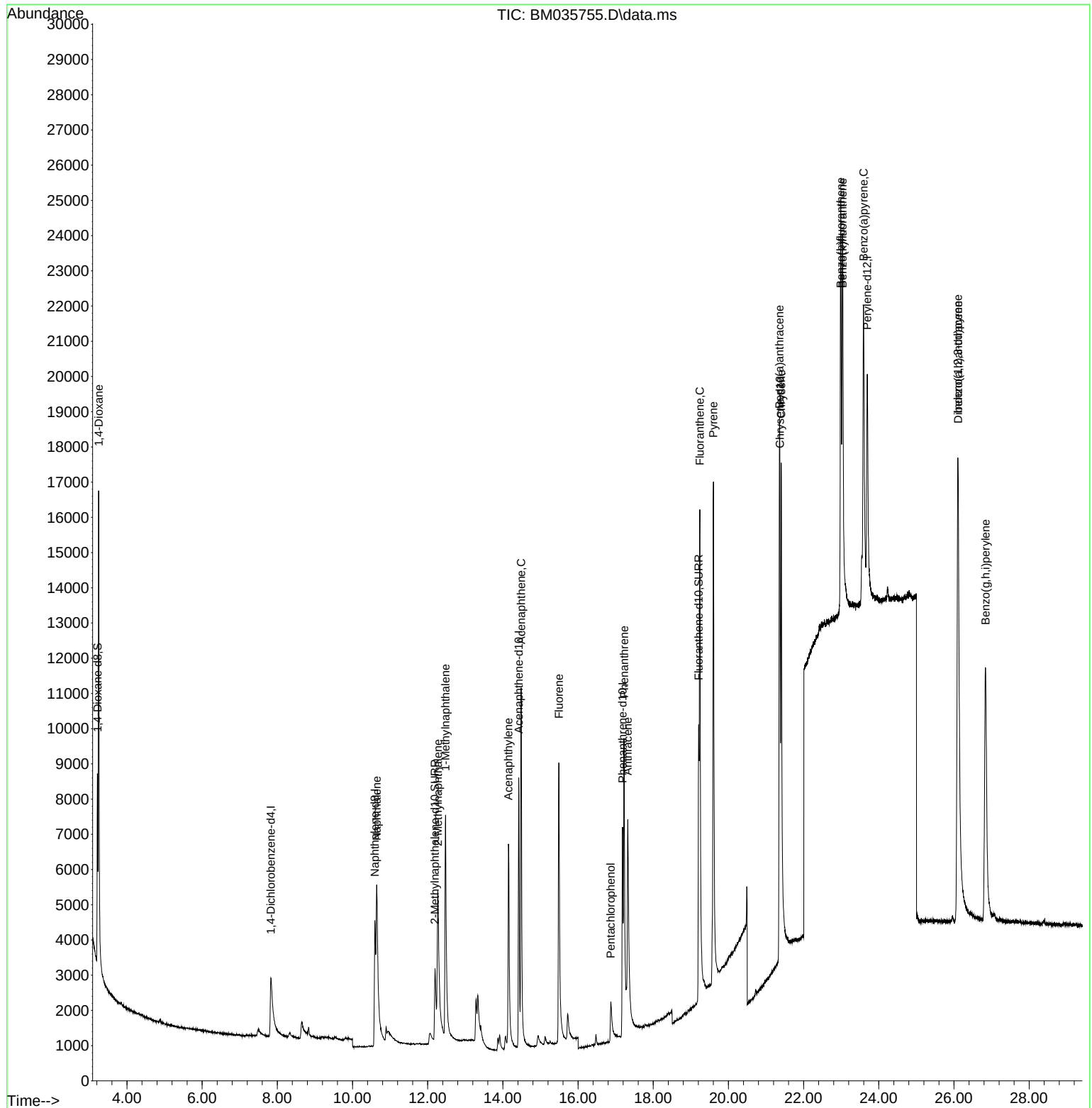
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035755.D
Acq On : 29 Jun 2022 10:46
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ALS Vial : 34 Sample Multiplier: 1

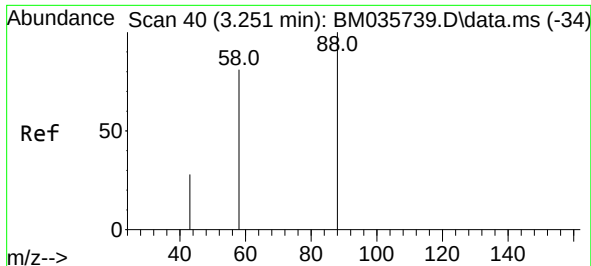
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Supervised By :mohammad ahmed 07/01/2022

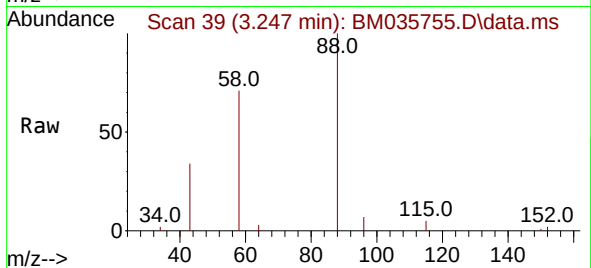
Quant Time: Jun 29 11:23:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 07:47:25 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.339 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

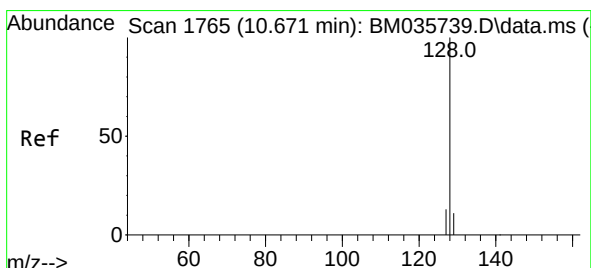
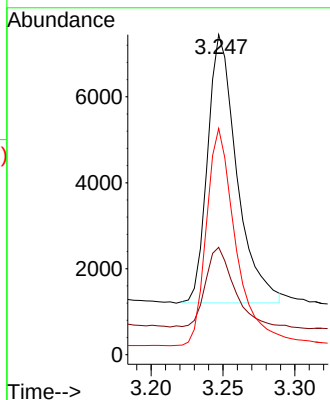
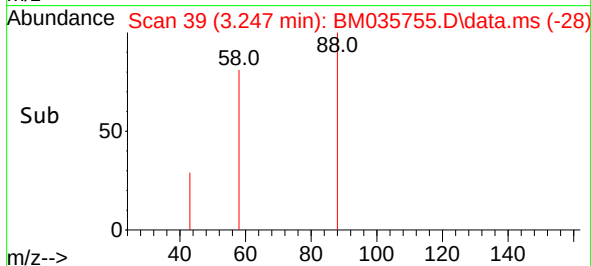
Instrument :
BNA_M
ClientSampleId :
SLCS659



Tgt Ion: 88 Resp: 881
Ion Ratio Lower Upper
88 100
43 33.6 37.8 56.6
58 70.7 42.6 63.8

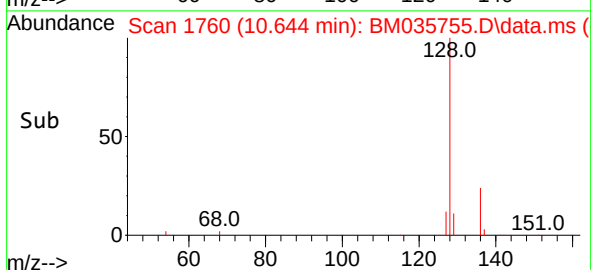
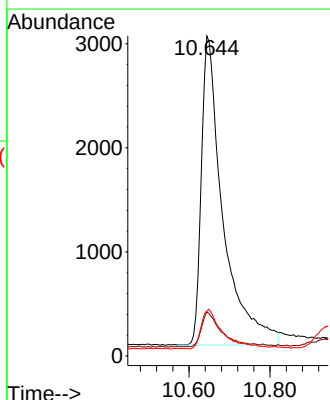
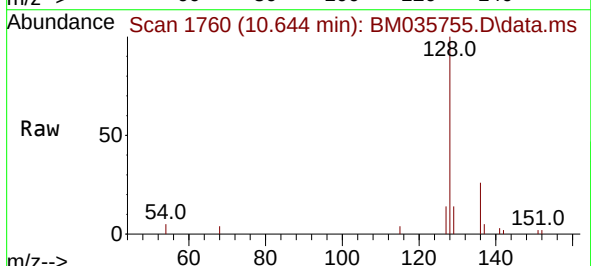
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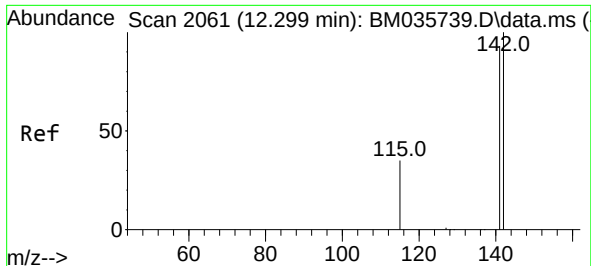
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.027 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

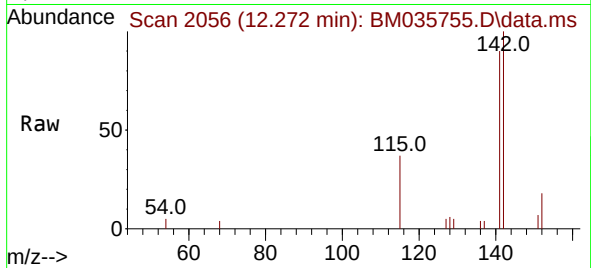
Tgt Ion:128 Resp: 11012
Ion Ratio Lower Upper
128 100
129 13.8 10.2 15.2
127 14.1 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.272 min Scan# 2056
Delta R.T. -0.027 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

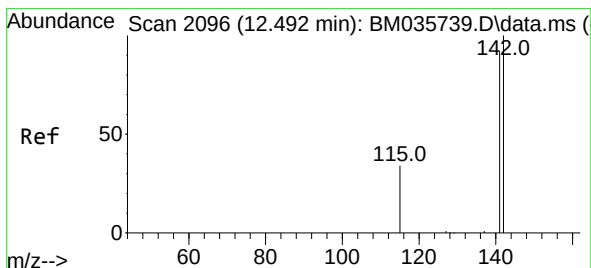
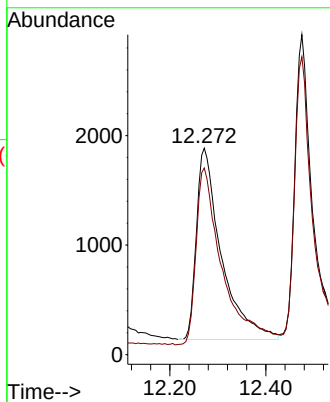
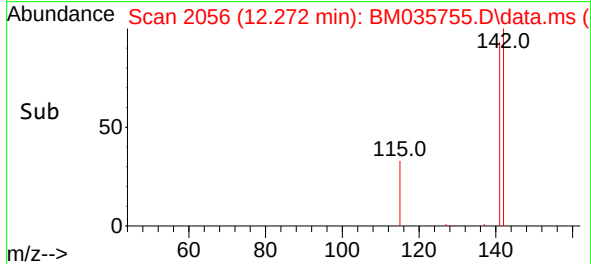
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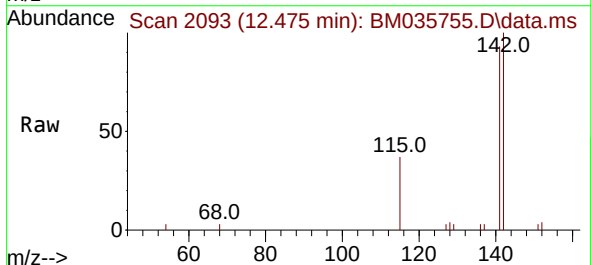
Tgt Ion:142 Resp: 630
Ion Ratio Lower Upper
142 100
141 97.8 77.4 116.0

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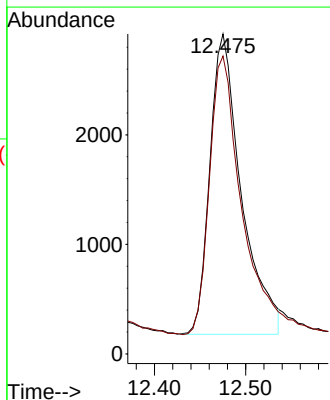
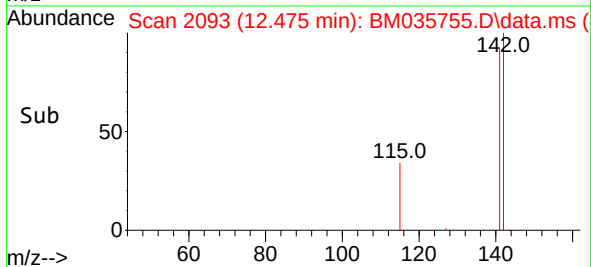
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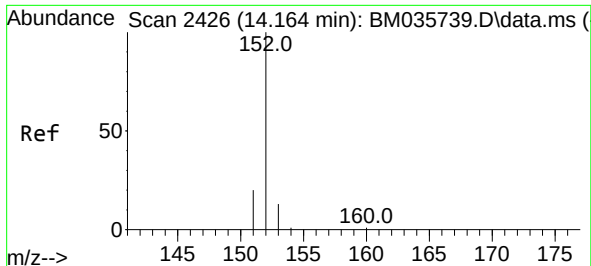


#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. -0.016 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46



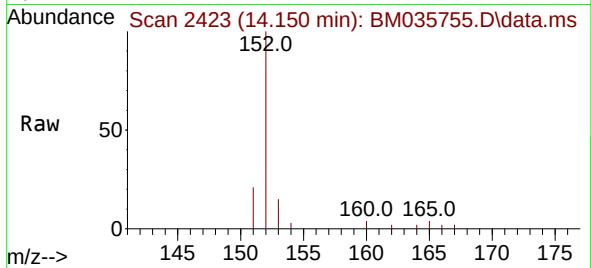
Tgt Ion:142 Resp: 6593
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.150 min Scan# 2423
Delta R.T. -0.014 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

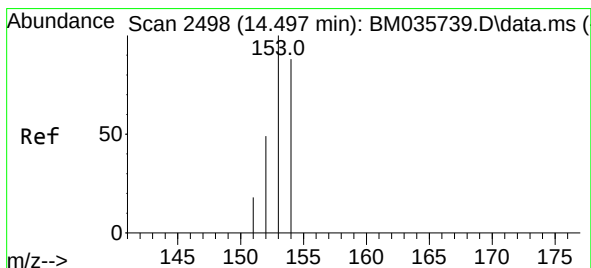
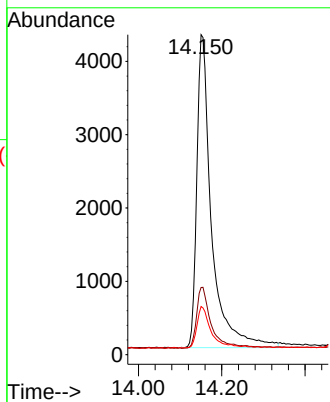
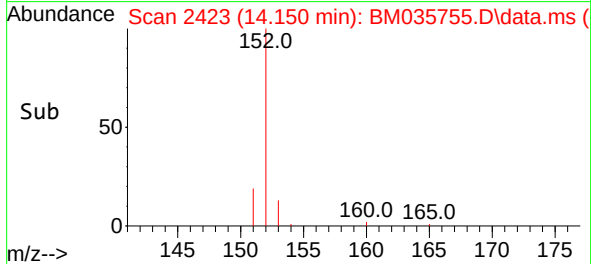
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 1052
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 15.0 11.4 17.0

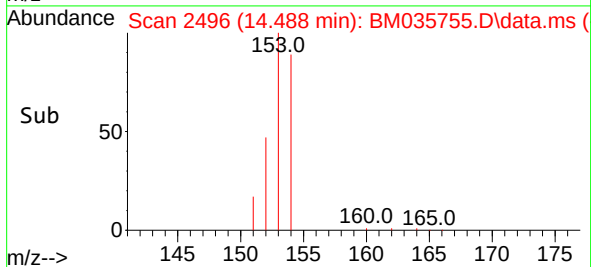
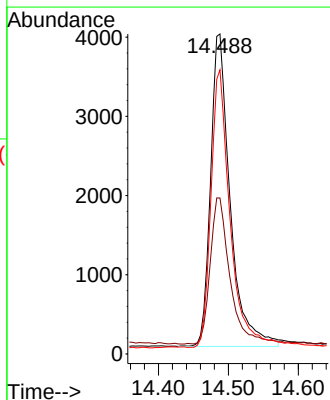
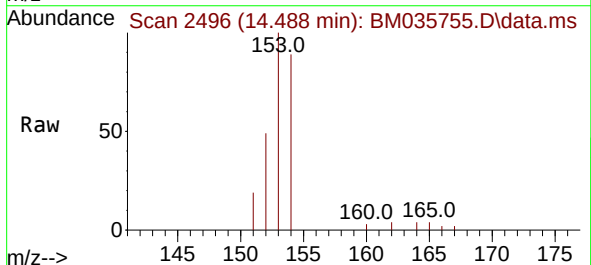
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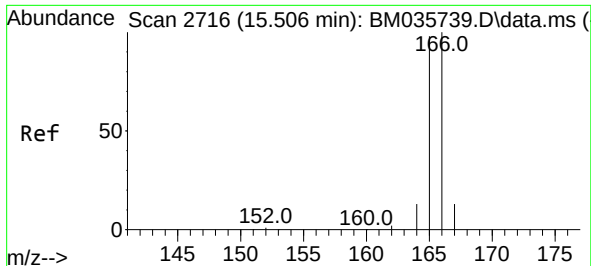
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

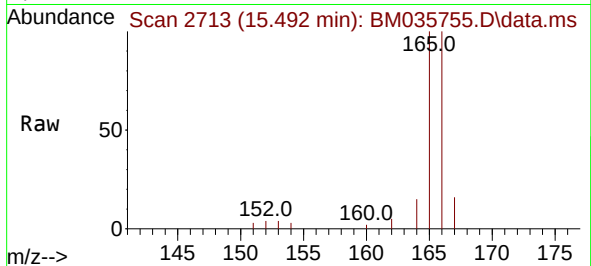
Tgt Ion:153 Resp: 7695
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 88.8 69.7 104.5





#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.492 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

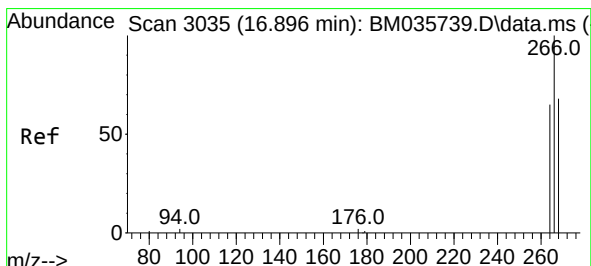
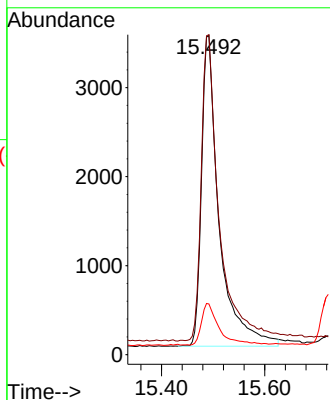
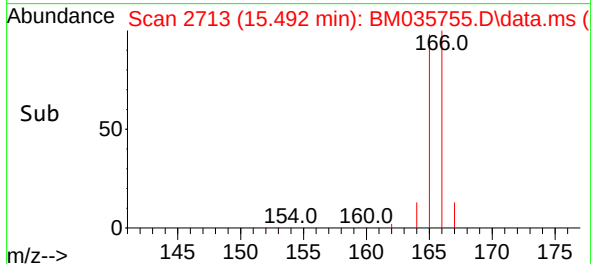
Instrument :
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ClientSampleId :
SLCS659



Tgt Ion:166 Resp: 8274
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 15.9 11.3 16.9

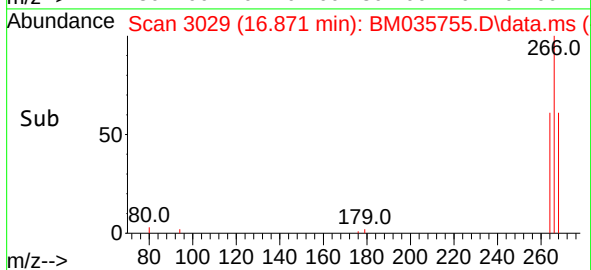
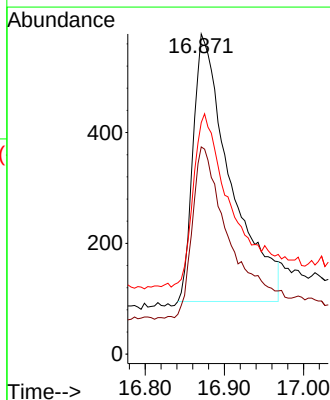
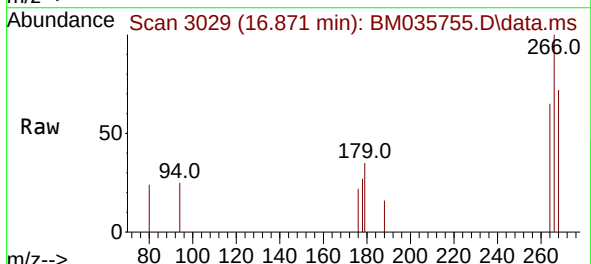
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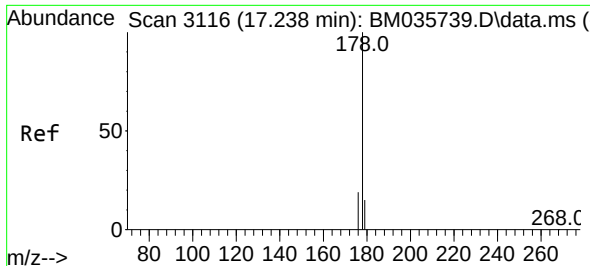
Reviewed By :Jagrut Upadhyay 06/30/2022
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#14
Pentachlorophenol
Concen: 1.008 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.025 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

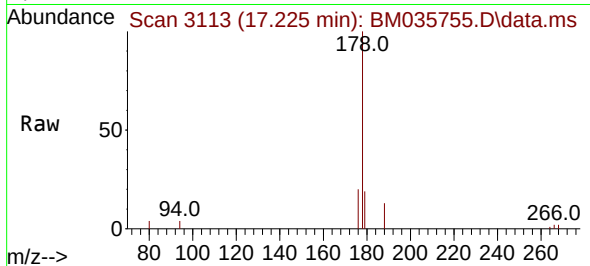
Tgt Ion:266 Resp: 1584
Ion Ratio Lower Upper
266 100
264 61.4 50.3 75.5
268 62.4 53.5 80.3





#15
Phenanthrene
Concen: 0.344 ng/u1
RT: 17.225 min Scan# 3113
Delta R.T. -0.013 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

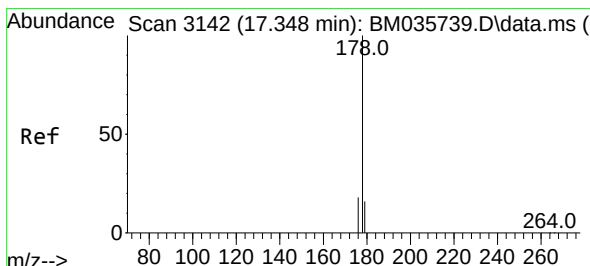
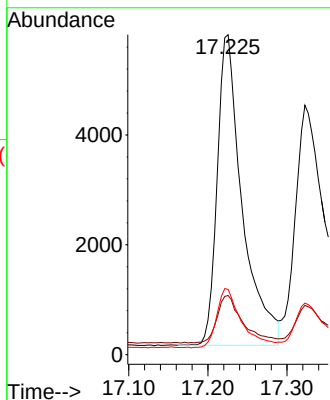
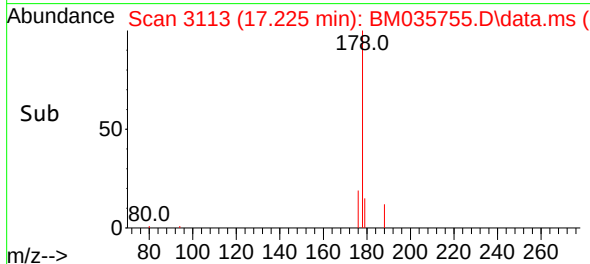
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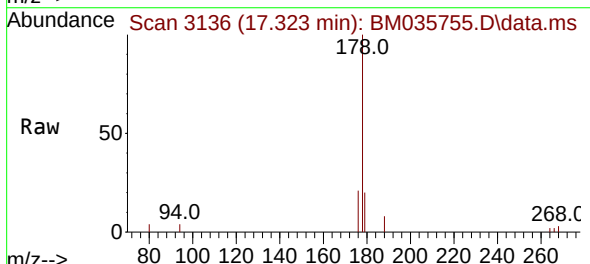
Tgt Ion:178 Resp: 1240
Ion Ratio Lower Upper
178 100
179 18.5 13.0 19.6
176 20.4 15.6 23.4

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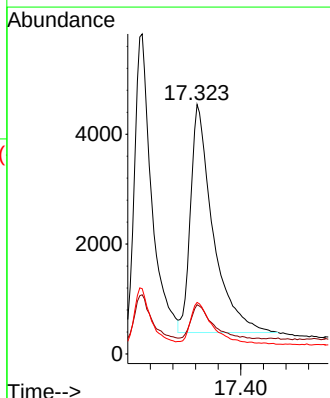
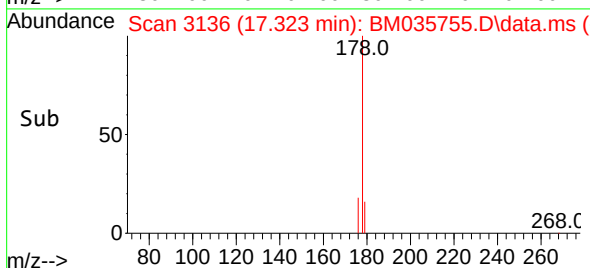
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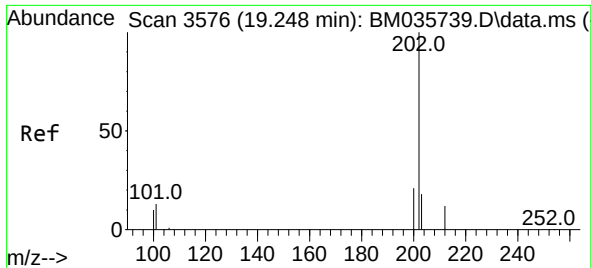


#16
Anthracene
Concen: 0.382 ng/u1
RT: 17.323 min Scan# 3136
Delta R.T. -0.025 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46



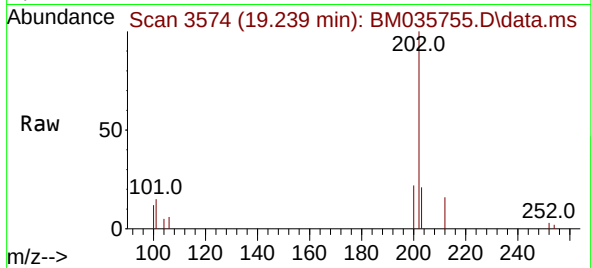
Tgt Ion:178 Resp: 11439
Ion Ratio Lower Upper
178 100
179 19.7 13.6 20.4
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 0.311 ng/u1
RT: 19.239 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

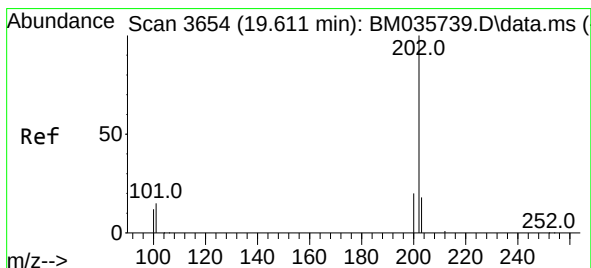
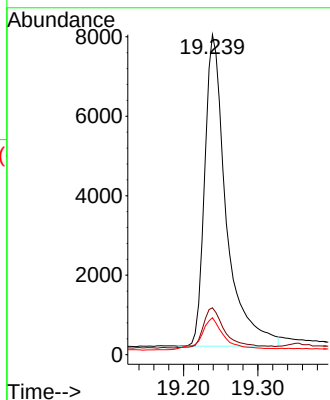
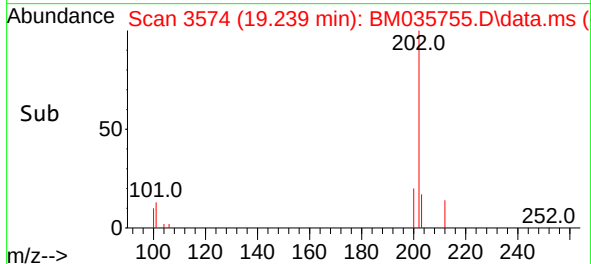
Instrument :
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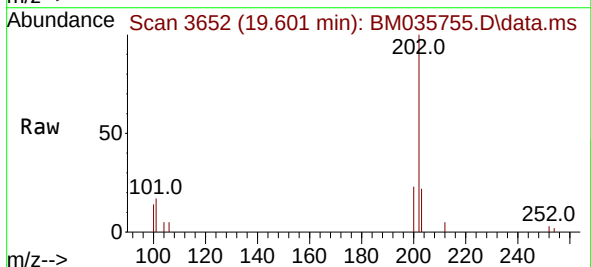
Tgt Ion:202 Resp: 1573
Ion Ratio Lower Upper
202 100
101 14.7 10.1 15.1
100 11.5 7.9 11.9

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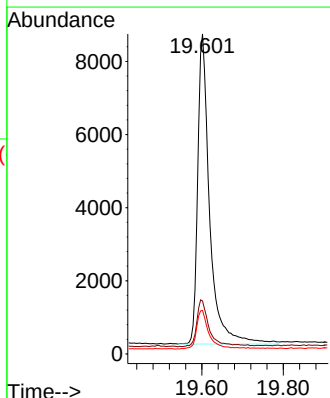
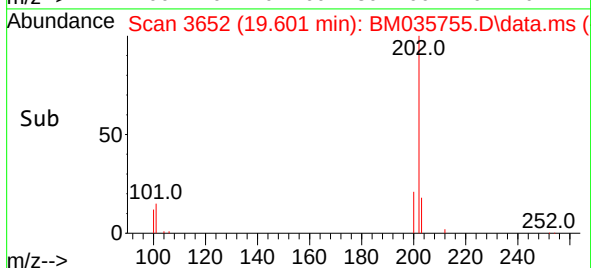
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

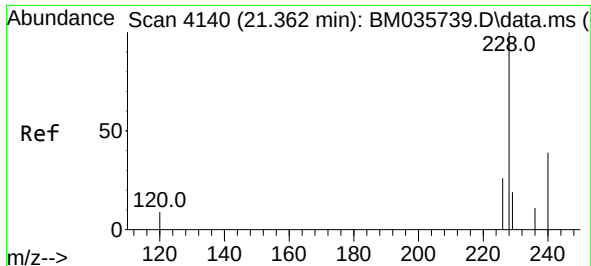


#20
Pyrene
Concen: 0.305 ng/u1
RT: 19.601 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46



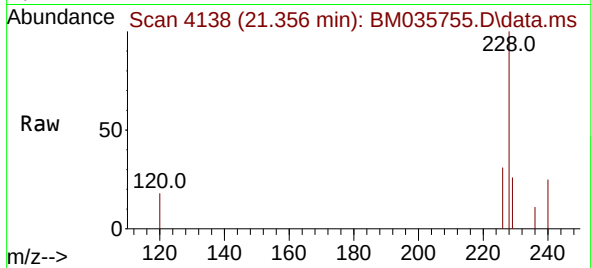
Tgt Ion:202 Resp: 17264
Ion Ratio Lower Upper
202 100
101 16.5 12.0 18.0
100 13.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.382 ng/u1
RT: 21.356 min Scan# 4138
Delta R.T. -0.006 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

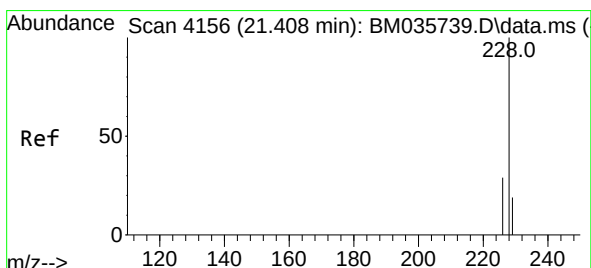
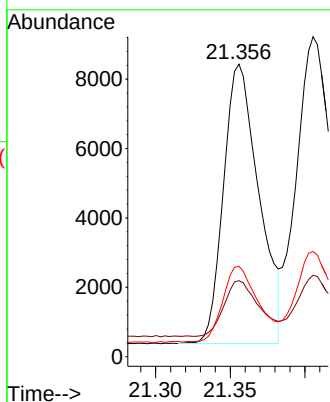
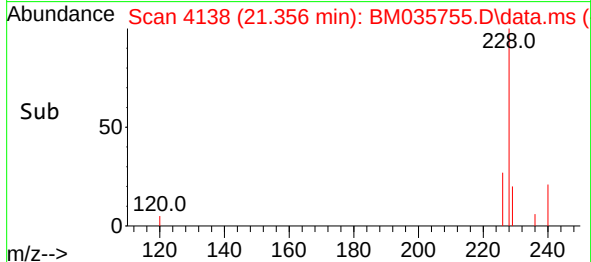
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 1330
Ion Ratio Lower Upper
228 100
229 26.0 16.2 24.2
226 30.9 22.5 33.7

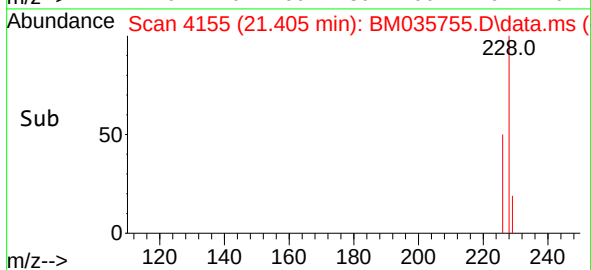
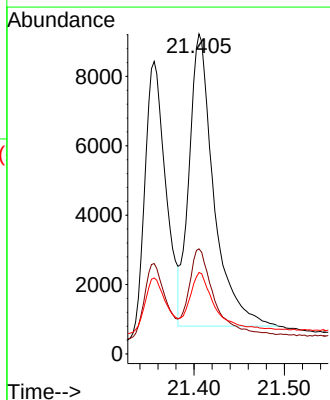
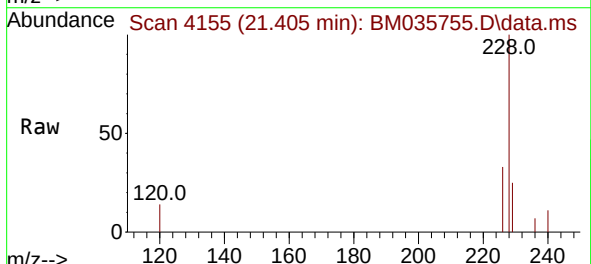
Manual Integrations
APPROVED

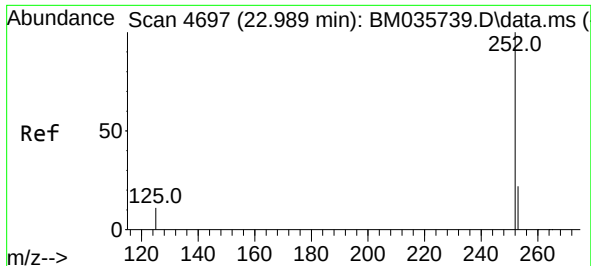
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#22
Chrysene
Concen: 0.357 ng/u1
RT: 21.405 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

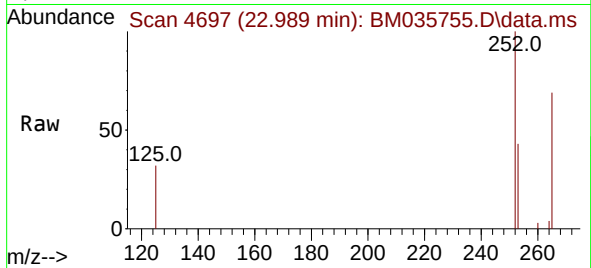
Tgt Ion:228 Resp: 16010
Ion Ratio Lower Upper
228 100
226 32.9 24.6 37.0
229 25.4 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.989 min Scan# 4697
Delta R.T. 0.000 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

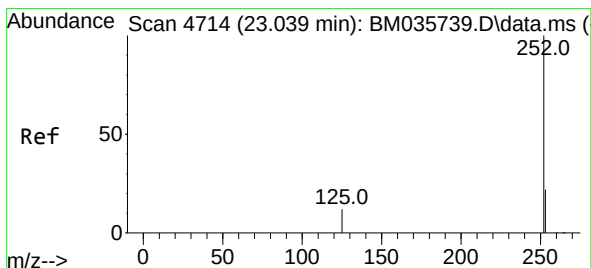
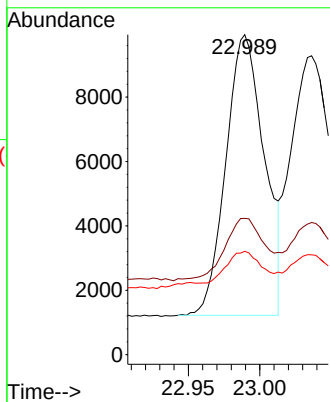
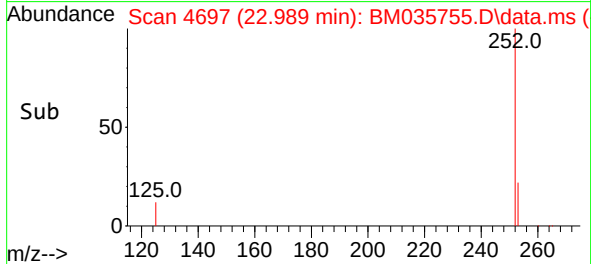
Instrument :
BNA_M
ClientSampleId :
SLCS659



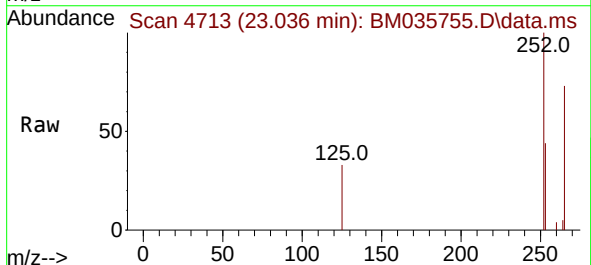
Tgt Ion:252 Resp: 16364
Ion Ratio Lower Upper
252 100
253 42.6 0.0 61.4
125 32.3 0.0 42.6

Manual Integrations
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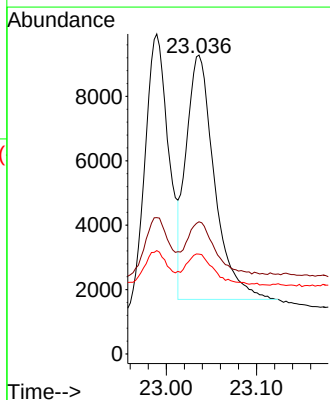
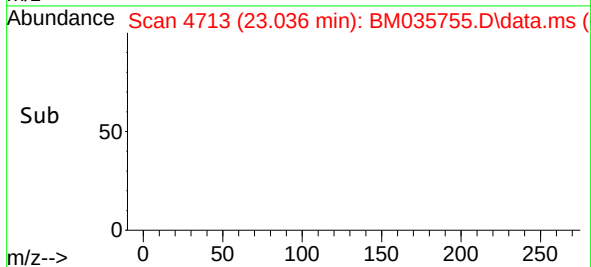
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

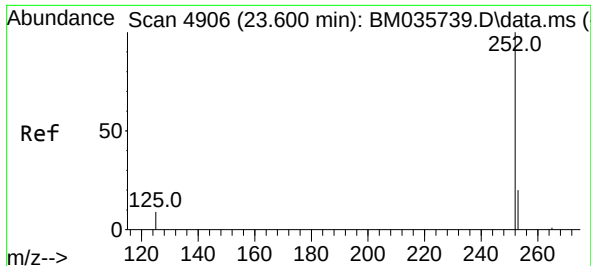


#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 23.036 min Scan# 4713
Delta R.T. -0.003 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46



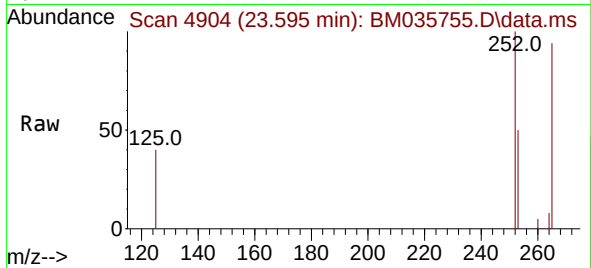
Tgt Ion:252 Resp: 16617
Ion Ratio Lower Upper
252 100
253 44.2 25.2 37.8#
125 33.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.595 min Scan# 4904
Delta R.T. -0.006 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

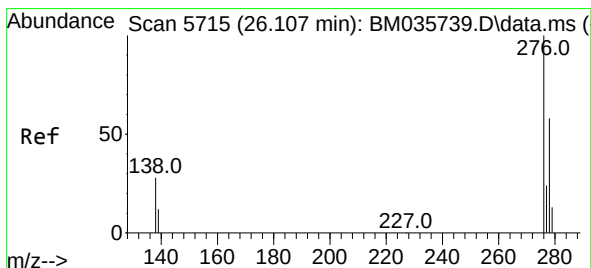
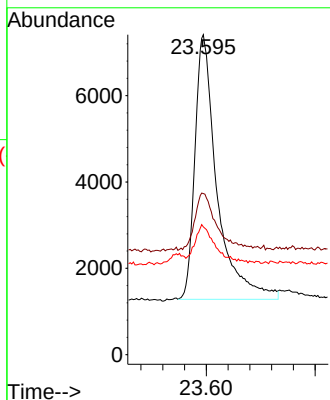
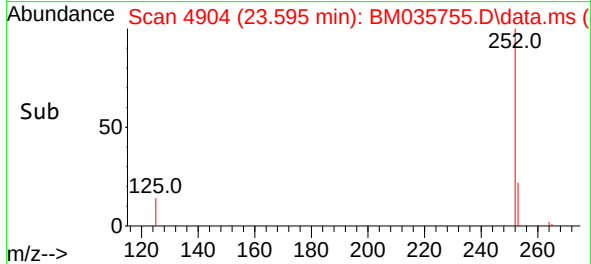
Instrument :
BNA_M
ClientSampleId :
SLCS659



Tgt Ion:252 Resp: 17318
Ion Ratio Lower Upper
252 100
253 50.3 29.7 44.5
125 40.0 23.6 35.4

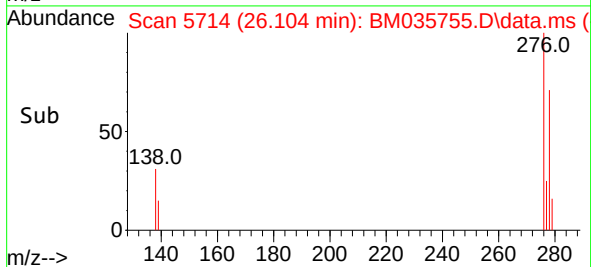
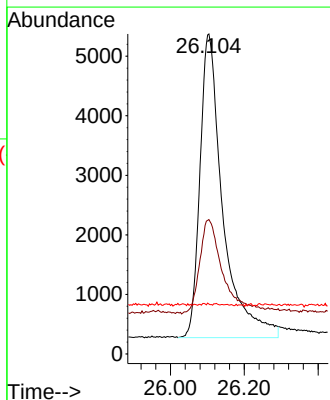
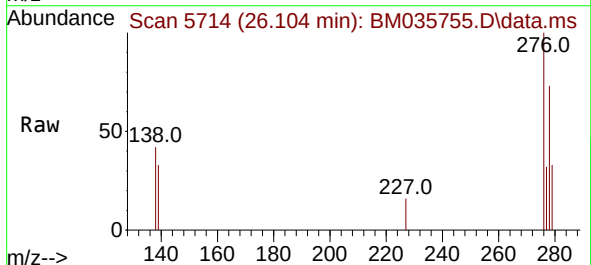
Manual Integrations
APPROVED

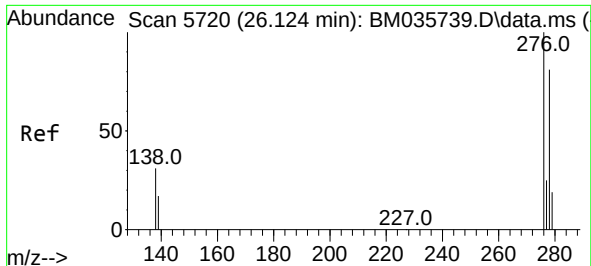
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng/ul
RT: 26.104 min Scan# 5714
Delta R.T. -0.003 min
Lab File: BM035755.D
Acq: 29 Jun 2022 10:46

Tgt Ion:276 Resp: 21882
Ion Ratio Lower Upper
276 100
138 31.9 23.9 35.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.450 ng/ul

RT: 26.111 min Scan# 51

Delta R.T. -0.013 min

Lab File: BM035755.D

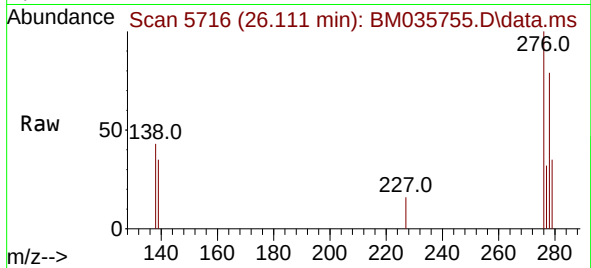
Acq: 29 Jun 2022 10:46

Instrument :

BNA_M

ClientSampleId :

SLCS659



Tgt Ion:278 Resp: 1754

Ion Ratio Lower Upper

278 100

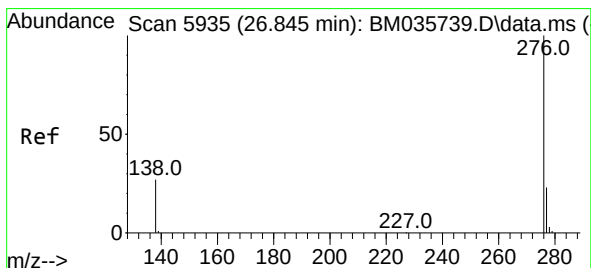
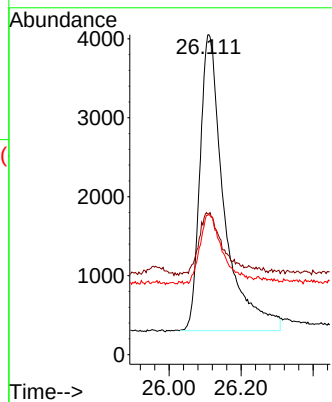
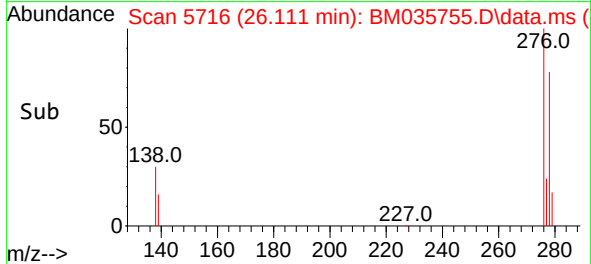
139 44.0 19.8 29.6

279 43.8 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#29

Benzo(g,h,i)perylene

Concen: 0.429 ng/ul

RT: 26.842 min Scan# 5934

Delta R.T. -0.003 min

Lab File: BM035755.D

Acq: 29 Jun 2022 10:46

Tgt Ion:276 Resp: 19505

Ion Ratio Lower Upper

276 100

138 38.9 23.4 35.0

277 30.9 21.0 31.4

