

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035754.D
 Acq On : 29 Jun 2022 10:10
 Operator : CG/JU
 Sample : PB145655BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS655

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 11:22:39 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	7.825	152	3230	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.594	136	11305	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.422	164	6035m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.178	188	11790	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.368	240	12376	0.400	ng/ul	# 0.00
23) Perylene-d12	23.692	264	12950	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	3510	0.801	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	5963	0.337	ng/ul	-0.03
18) Fluoranthene-d10	19.206	212	13096	0.314	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	8863m	2.044	ng/ul	
5) Naphthalene	10.644	128	11310	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	6509	0.301	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	6756	0.330	ng/ul	99
10) Acenaphthylene	14.149	152	10819	0.342	ng/ul	99
11) Acenaphthene	14.487	153	7830	0.321	ng/ul	98
12) Fluorene	15.486	166	8613	0.307	ng/ul	98
14) Pentachlorophenol	16.874	266	1723	0.926	ng/ul	96
15) Phenanthrene	17.220	178	13233	0.310	ng/ul	96
16) Anthracene	17.322	178	12355	0.348	ng/ul	96
19) Fluoranthene	19.238	202	17190	0.277	ng/ul	96
20) Pyrene	19.601	202	18761	0.270	ng/ul	97
21) Benzo(a)anthracene	21.354	228	15094	0.353	ng/ul#	92
22) Chrysene	21.403	228	17272	0.314	ng/ul#	93
24) Benzo(b)fluoranthene	22.984	252	18434	0.332	ng/ul	79
25) Benzo(k)fluoranthene	23.031	252	18850	0.332	ng/ul#	79
26) Benzo(a)pyrene	23.590	252	19081	0.336	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.098	276	23978	0.388	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.101	278	19217	0.393	ng/ul#	75
29) Benzo(g,h,i)perylene	26.833	276	21474	0.377	ng/ul#	86

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

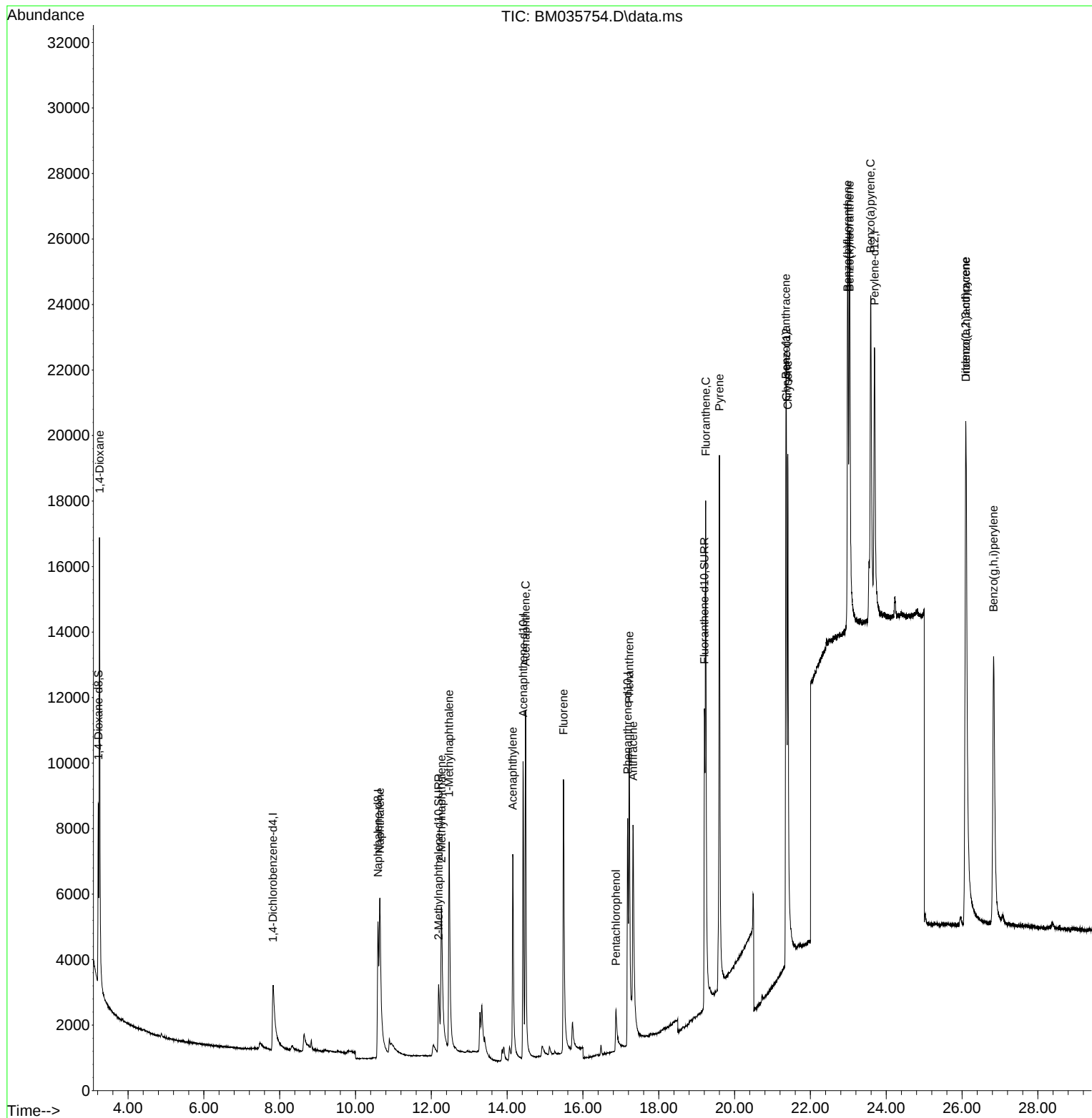
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035754.D
Acq On : 29 Jun 2022 10:10
Operator : CG/JU
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ALS Vial : 33 Sample Multiplier: 1

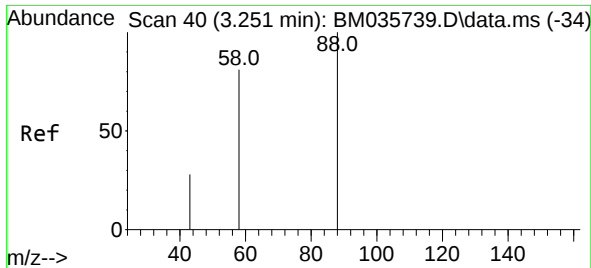
Instrument :
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Quant Time: Jun 29 11:22:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
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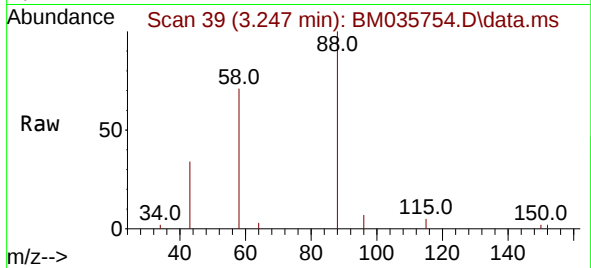
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022





#2
1,4-Dioxane
Concen: 2.044 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

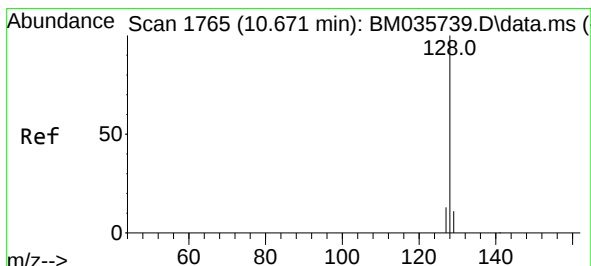
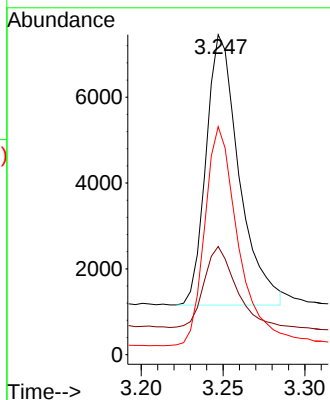
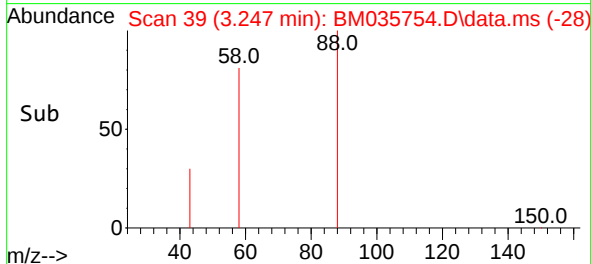
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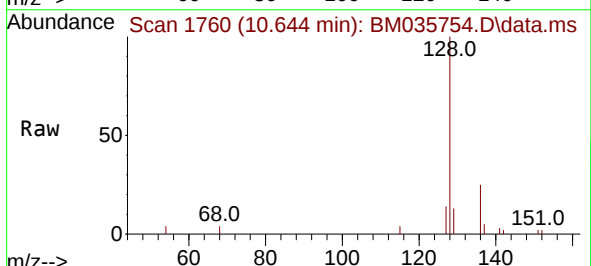
Tgt Ion: 88 Resp: 886
Ion Ratio Lower Upper
88 100
43 33.8 37.8 56.6
58 71.3 42.6 63.8

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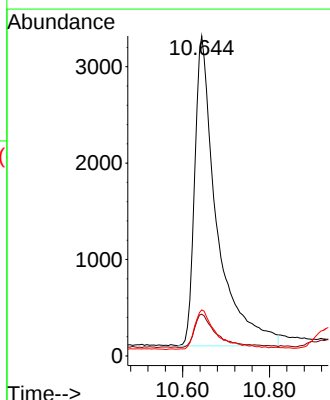
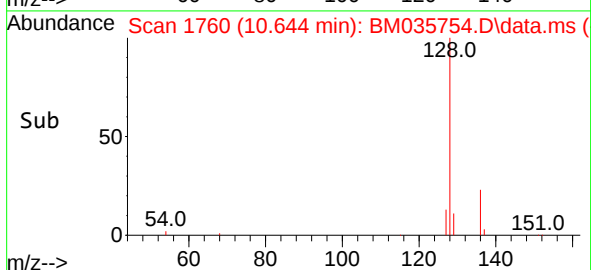
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

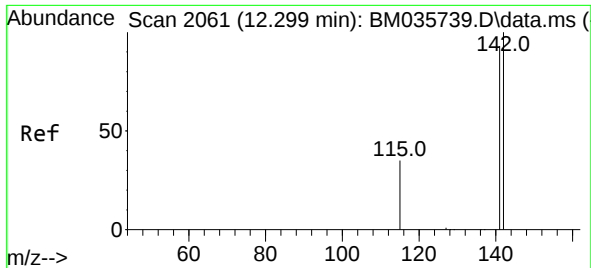


#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.027 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10



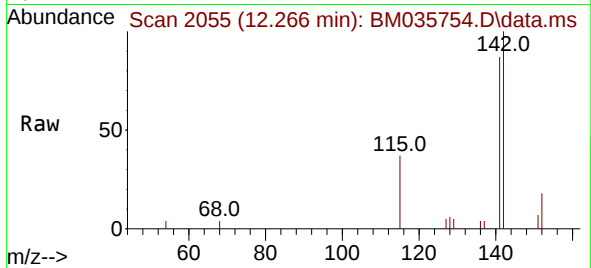
Tgt Ion:128 Resp: 11310
Ion Ratio Lower Upper
128 100
129 13.0 10.2 15.2
127 14.4 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.266 min Scan# 2055
Delta R.T. -0.033 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

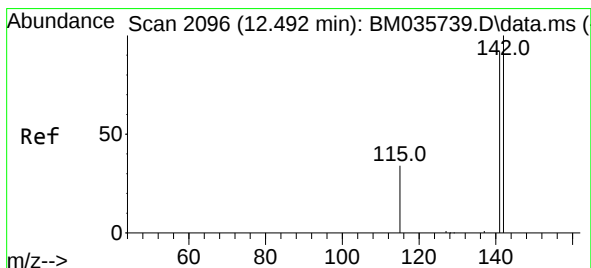
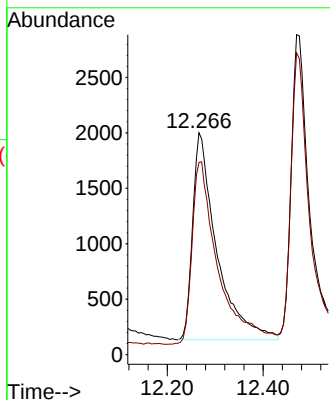
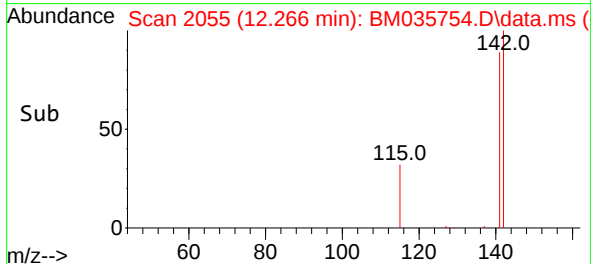
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 6509
Ion Ratio Lower Upper
142 100
141 95.4 77.4 116.0

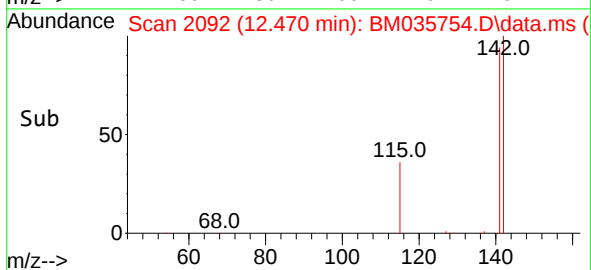
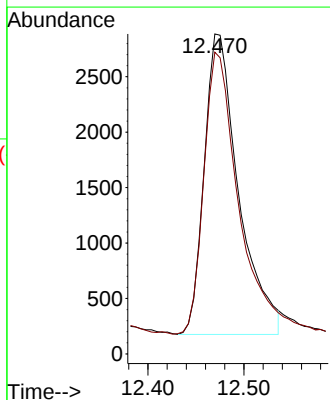
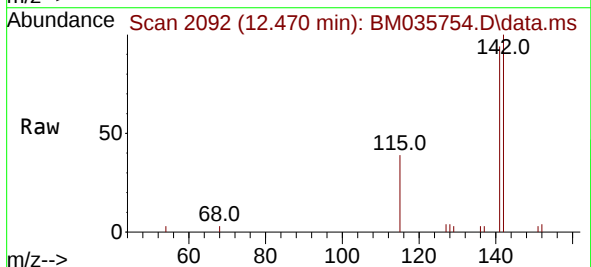
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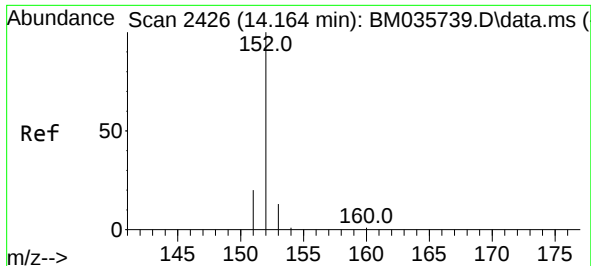
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.022 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

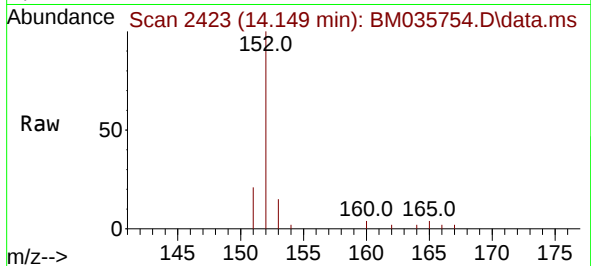
Tgt Ion:142 Resp: 6756
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.149 min Scan# 2423
Delta R.T. -0.015 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

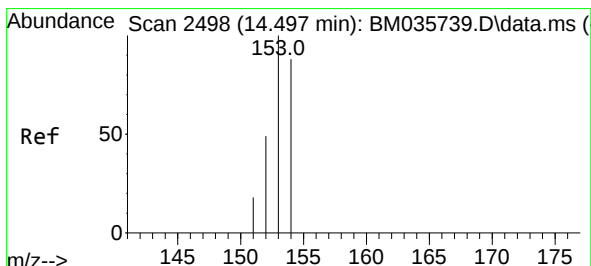
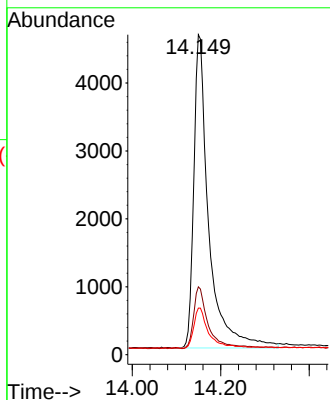
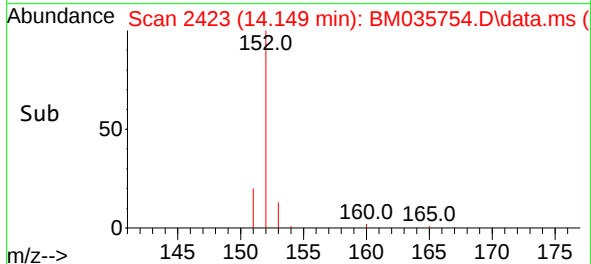
Instrument :
BNA_M
ClientSampleId :
SLCS655



Tgt Ion:152 Resp: 10819
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.6 11.4 17.0

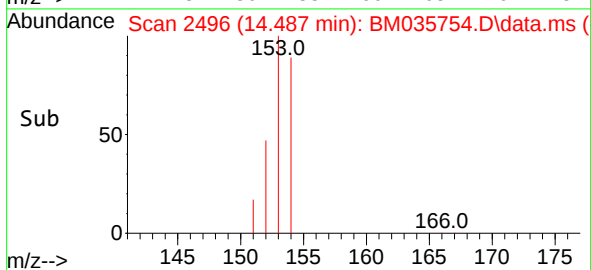
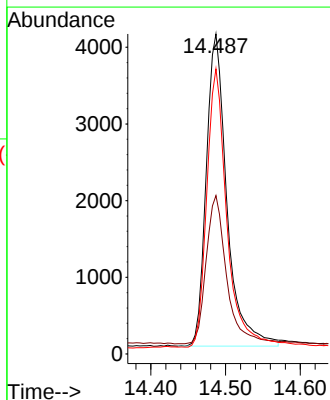
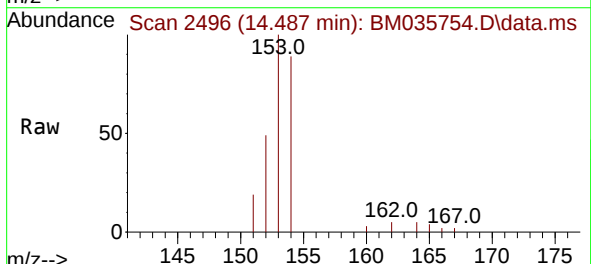
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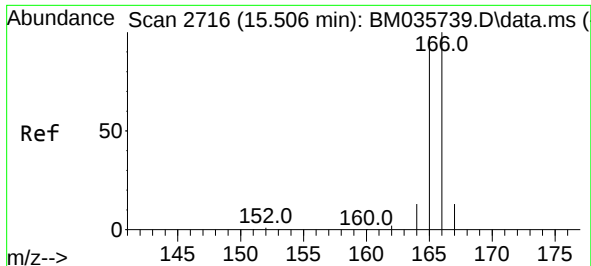
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.487 min Scan# 2496
Delta R.T. -0.010 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

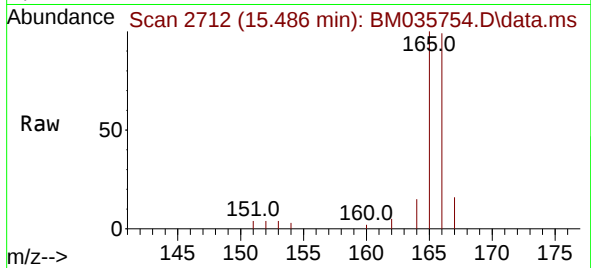
Tgt Ion:153 Resp: 7830
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 89.1 69.7 104.5





#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.486 min Scan# 2716
Delta R.T. -0.019 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

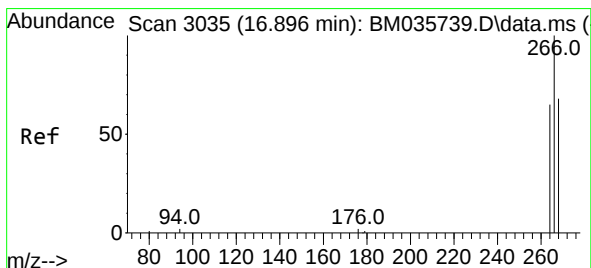
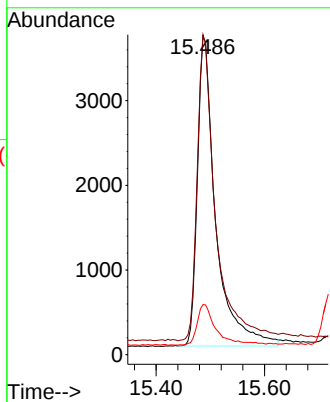
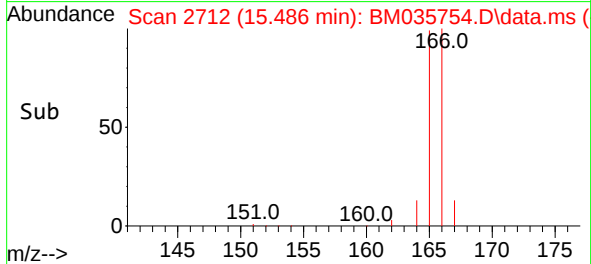
Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 861
Ion Ratio Lower Upper
166 100
165 100.6 78.9 118.3
167 15.8 11.3 16.9

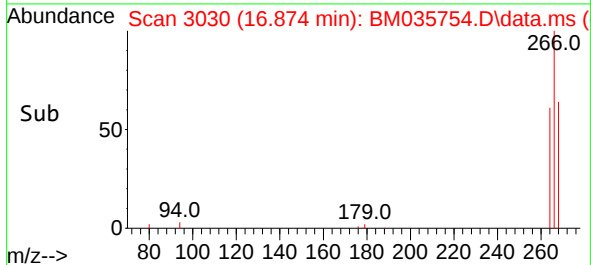
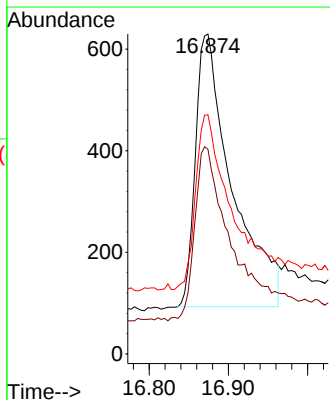
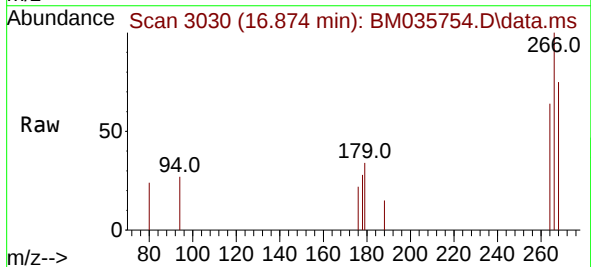
Manual Integrations
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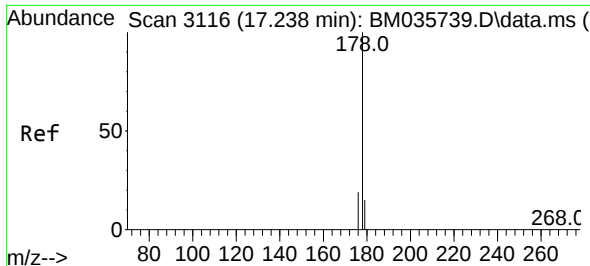
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#14
Pentachlorophenol
Concen: 0.926 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. -0.022 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

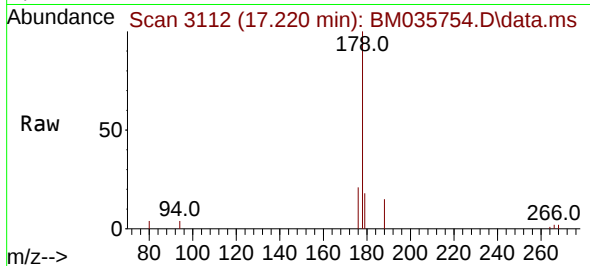
Tgt Ion:266 Resp: 1723
Ion Ratio Lower Upper
266 100
264 62.1 50.3 75.5
268 61.2 53.5 80.3





#15
Phenanthrene
Concen: 0.310 ng/u1
RT: 17.220 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

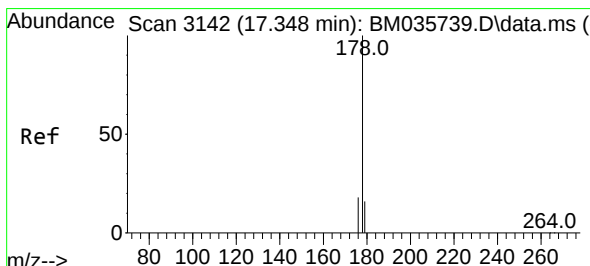
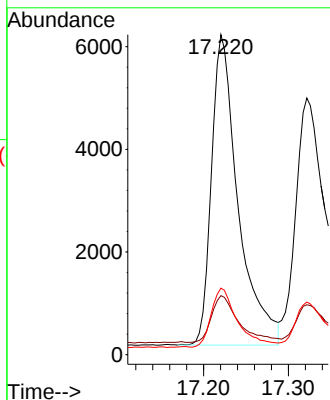
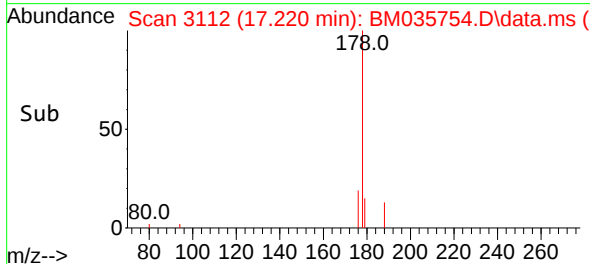
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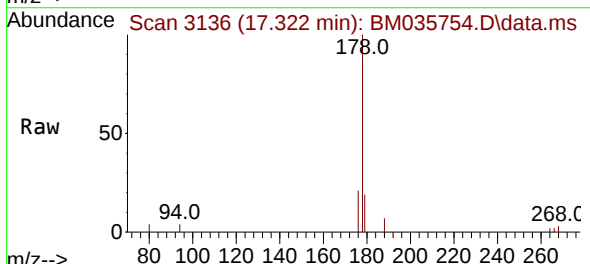
Tgt Ion:178 Resp: 1323
Ion Ratio Lower Upper
178 100
179 18.4 13.0 19.6
176 20.8 15.6 23.4

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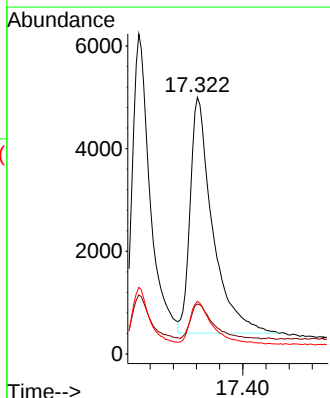
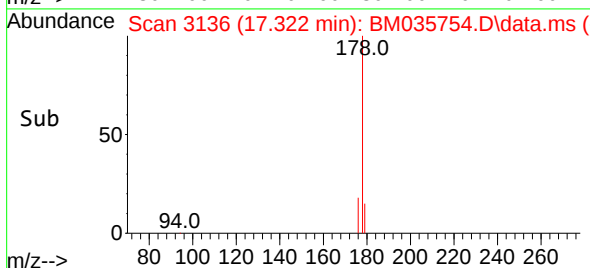
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

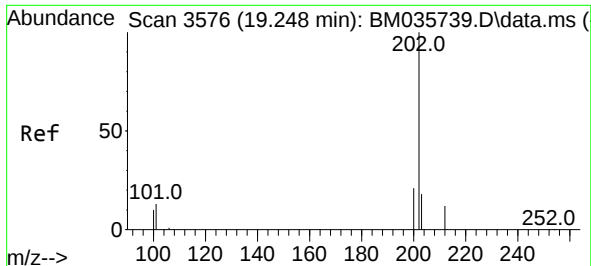


#16
Anthracene
Concen: 0.348 ng/u1
RT: 17.322 min Scan# 3136
Delta R.T. -0.026 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10



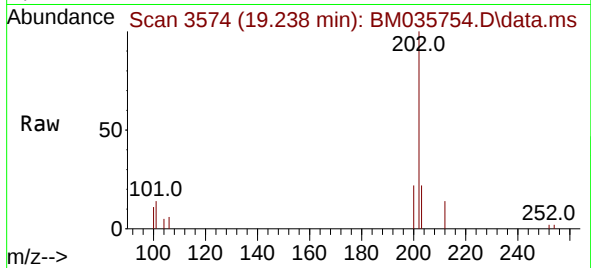
Tgt Ion:178 Resp: 12355
Ion Ratio Lower Upper
178 100
179 19.4 13.6 20.4
176 20.5 15.6 23.4





#19
Fluoranthene
Concen: 0.277 ng/ul
RT: 19.238 min Scan# 3574
Delta R.T. -0.010 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

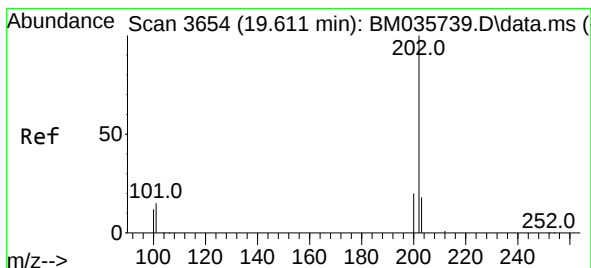
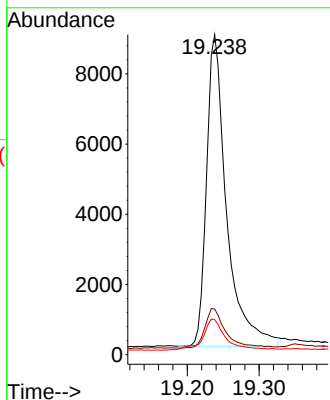
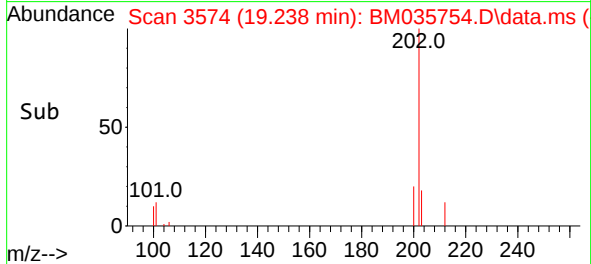
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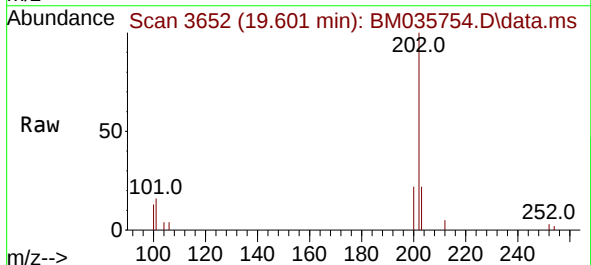
Tgt Ion:202 Resp: 17190
Ion Ratio Lower Upper
202 100
101 14.3 10.1 15.1
100 11.0 7.9 11.9

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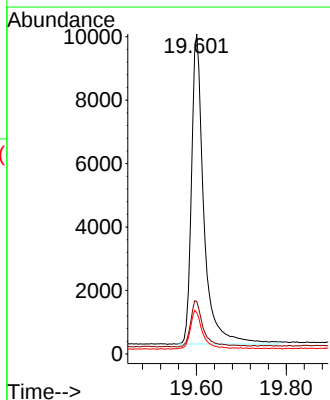
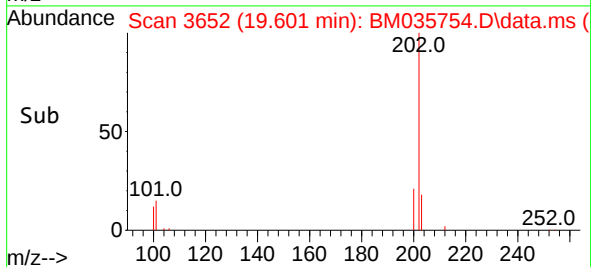
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

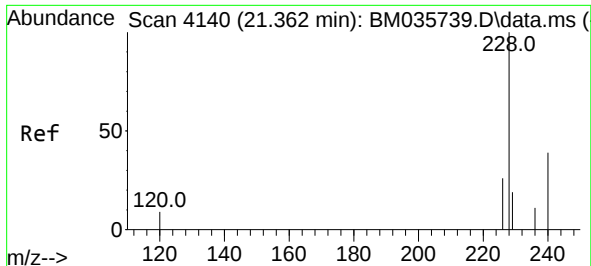


#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.601 min Scan# 3652
Delta R.T. -0.010 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10



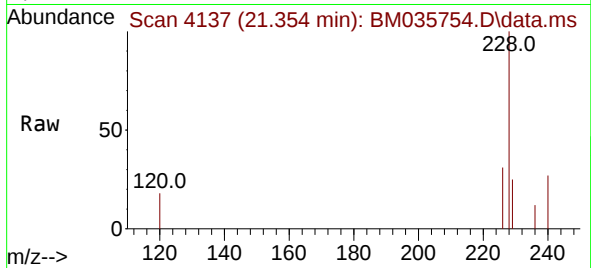
Tgt Ion:202 Resp: 18761
Ion Ratio Lower Upper
202 100
101 16.4 12.0 18.0
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.353 ng/u1
RT: 21.354 min Scan# 4113
Delta R.T. -0.008 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

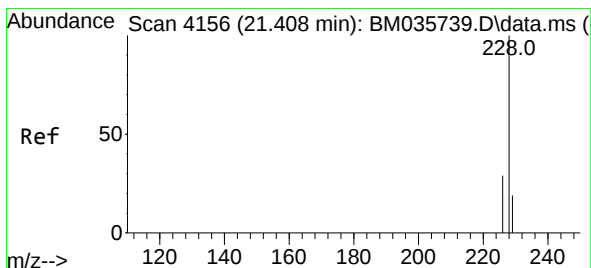
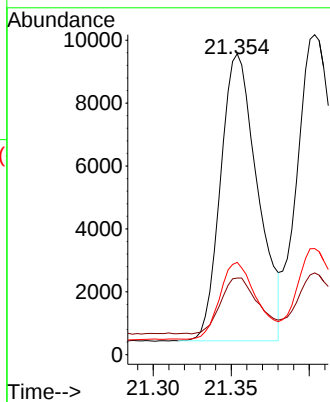
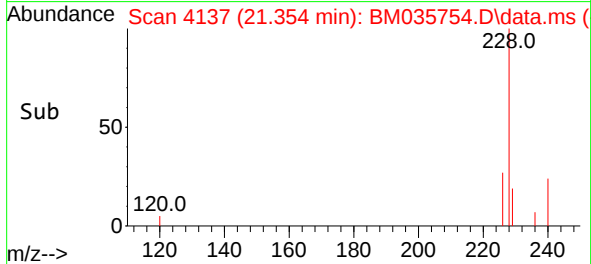
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 15094
Ion Ratio Lower Upper
228 100
229 25.5 16.2 24.2
226 30.7 22.5 33.7

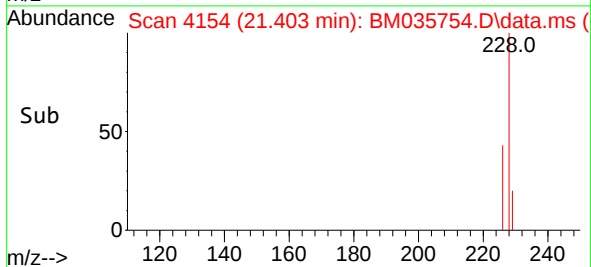
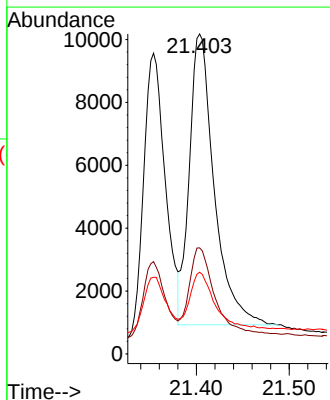
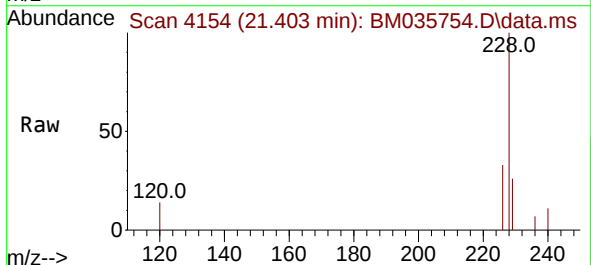
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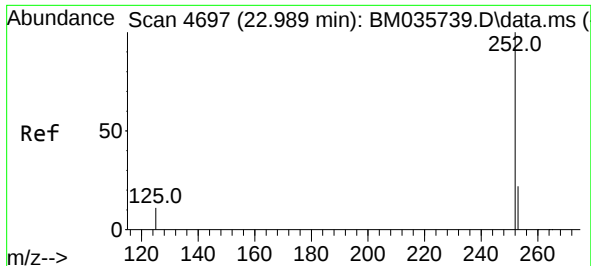
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#22
Chrysene
Concen: 0.314 ng/u1
RT: 21.403 min Scan# 4154
Delta R.T. -0.005 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

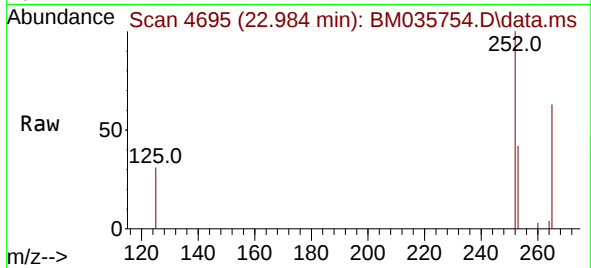
Tgt Ion:228 Resp: 17272
Ion Ratio Lower Upper
228 100
226 33.1 24.6 37.0
229 25.6 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 22.984 min Scan# 4695
Delta R.T. -0.005 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

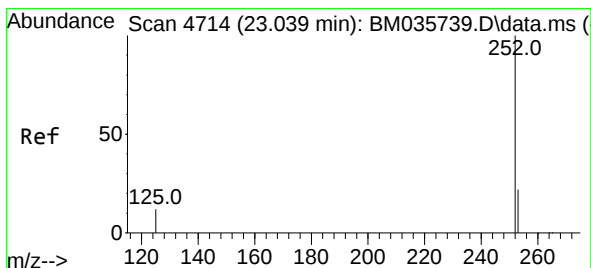
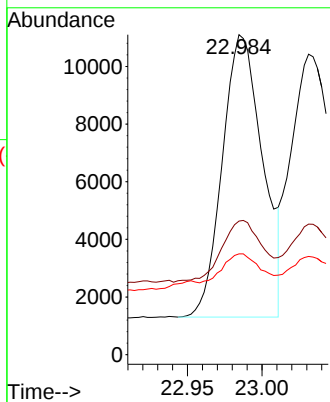
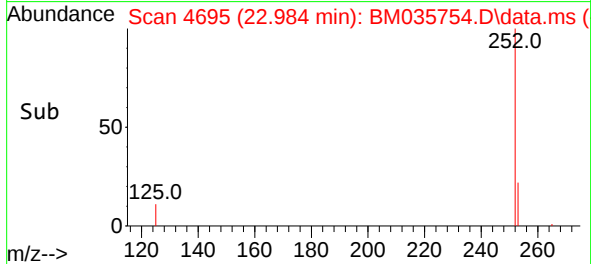
Instrument :
BNA_M
ClientSampleId :
SLCS655



Tgt Ion:252 Resp: 18434
Ion Ratio Lower Upper
252 100
253 41.8 0.0 61.4
125 31.5 0.0 42.6

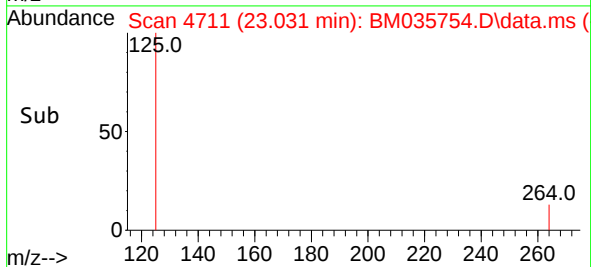
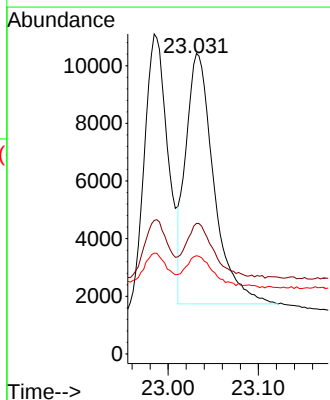
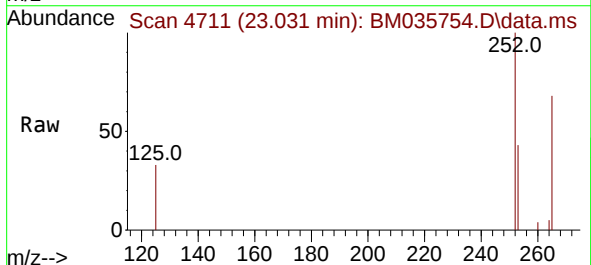
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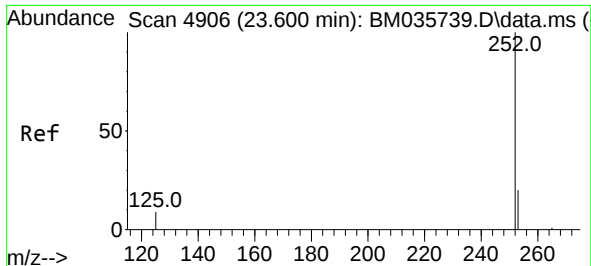
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.008 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

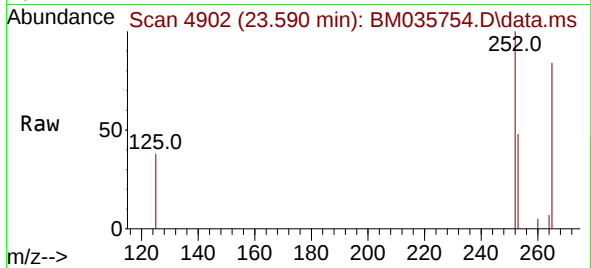
Tgt Ion:252 Resp: 18850
Ion Ratio Lower Upper
252 100
253 43.5 25.2 37.8#
125 32.7 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.590 min Scan# 4906
Delta R.T. -0.011 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

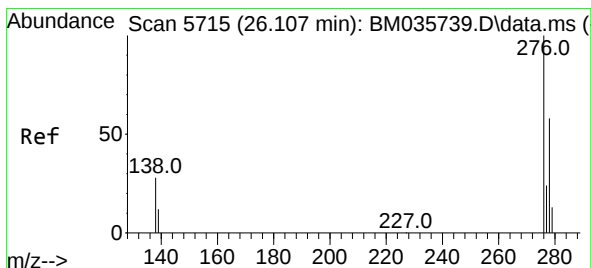
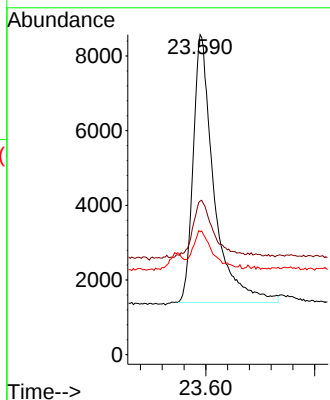
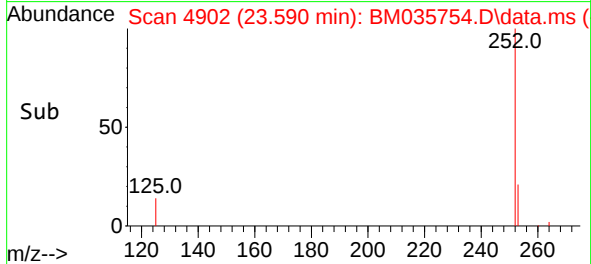
Instrument :
BNA_M
ClientSampleId :
SLCS655



Tgt Ion:252 Resp: 1908
Ion Ratio Lower Upper
252 100
253 48.0 29.7 44.5
125 38.4 23.6 35.4

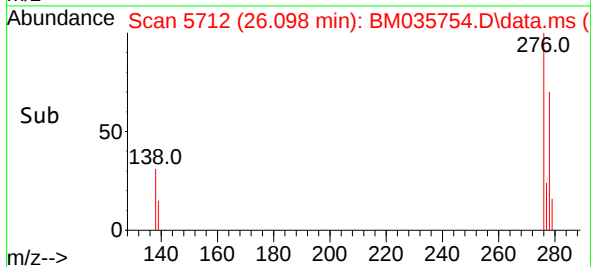
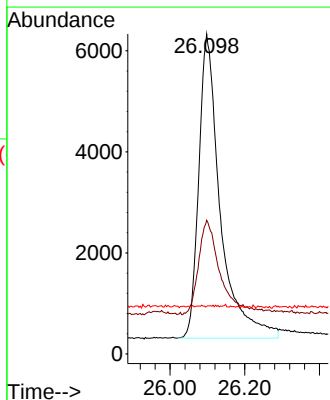
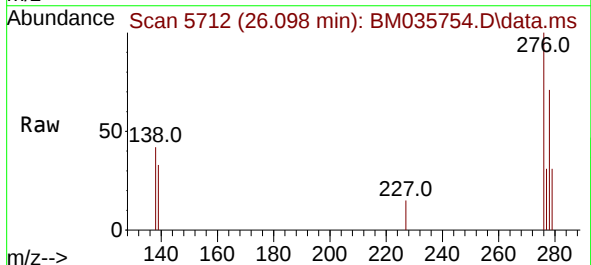
Manual Integrations
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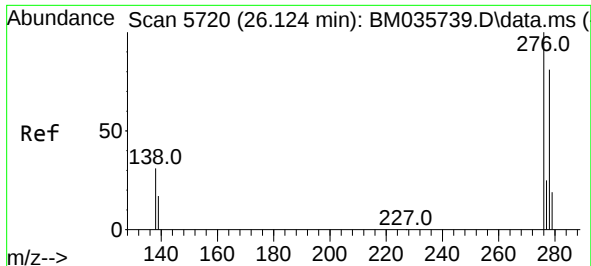
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.098 min Scan# 5712
Delta R.T. -0.009 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

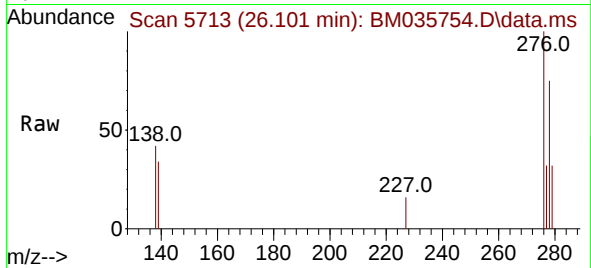
Tgt Ion:276 Resp: 23978
Ion Ratio Lower Upper
276 100
138 32.1 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.101 min Scan# 5713
Delta R.T. -0.022 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

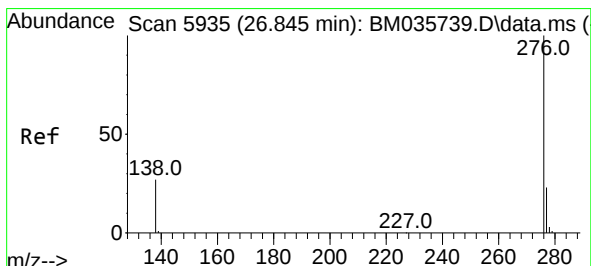
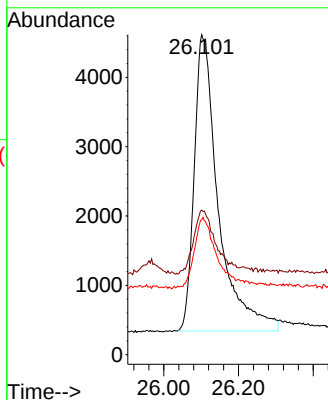
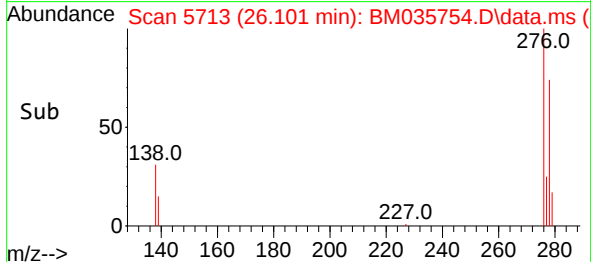
Instrument :
BNA_M
ClientSampleId :
SLCS655



Tgt Ion: 278 Resp: 1921
Ion Ratio Lower Upper
278 100
139 45.2 19.8 29.6
279 42.1 27.7 41.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.833 min Scan# 5931
Delta R.T. -0.012 min
Lab File: BM035754.D
Acq: 29 Jun 2022 10:10

Tgt Ion: 276 Resp: 21474
Ion Ratio Lower Upper
276 100
138 38.8 23.4 35.0
277 31.2 21.0 31.4

