

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035753.D
 Acq On : 29 Jun 2022 09:33
 Operator : CG/JU
 Sample : PB145657BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS657

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 11:22:17 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	7.821	152	3136	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.589	136	11239	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.422	164	6012m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.178	188	11340	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.365	240	11780	0.400	ng/ul	# 0.00
23) Perylene-d12	23.689	264	12438	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	3575	0.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	5914	0.336	ng/ul	-0.04
18) Fluoranthene-d10	19.205	212	13135	0.331	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	9171m	2.179	ng/ul	
5) Naphthalene	10.639	128	11645	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	6771	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	7033	0.345	ng/ul	99
10) Acenaphthylene	14.149	152	11211	0.355	ng/ul	98
11) Acenaphthene	14.487	153	8086	0.333	ng/ul	98
12) Fluorene	15.486	166	8789	0.314	ng/ul	99
14) Pentachlorophenol	16.866	266	1753	0.979	ng/ul	98
15) Phenanthrene	17.216	178	13556	0.330	ng/ul	96
16) Anthracene	17.318	178	12933	0.379	ng/ul	96
19) Fluoranthene	19.233	202	17901	0.303	ng/ul	96
20) Pyrene	19.600	202	19648	0.297	ng/ul	98
21) Benzo(a)anthracene	21.351	228	15834	0.389	ng/ul#	91
22) Chrysene	21.400	228	18131	0.346	ng/ul#	92
24) Benzo(b)fluoranthene	22.981	252	19145	0.359	ng/ul	75
25) Benzo(k)fluoranthene	23.028	252	19264	0.354	ng/ul#	77
26) Benzo(a)pyrene	23.586	252	20169	0.370	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.094	276	24848	0.419	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.104	278	20151	0.429	ng/ul#	73
29) Benzo(g,h,i)perylene	26.829	276	22088	0.403	ng/ul#	82

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

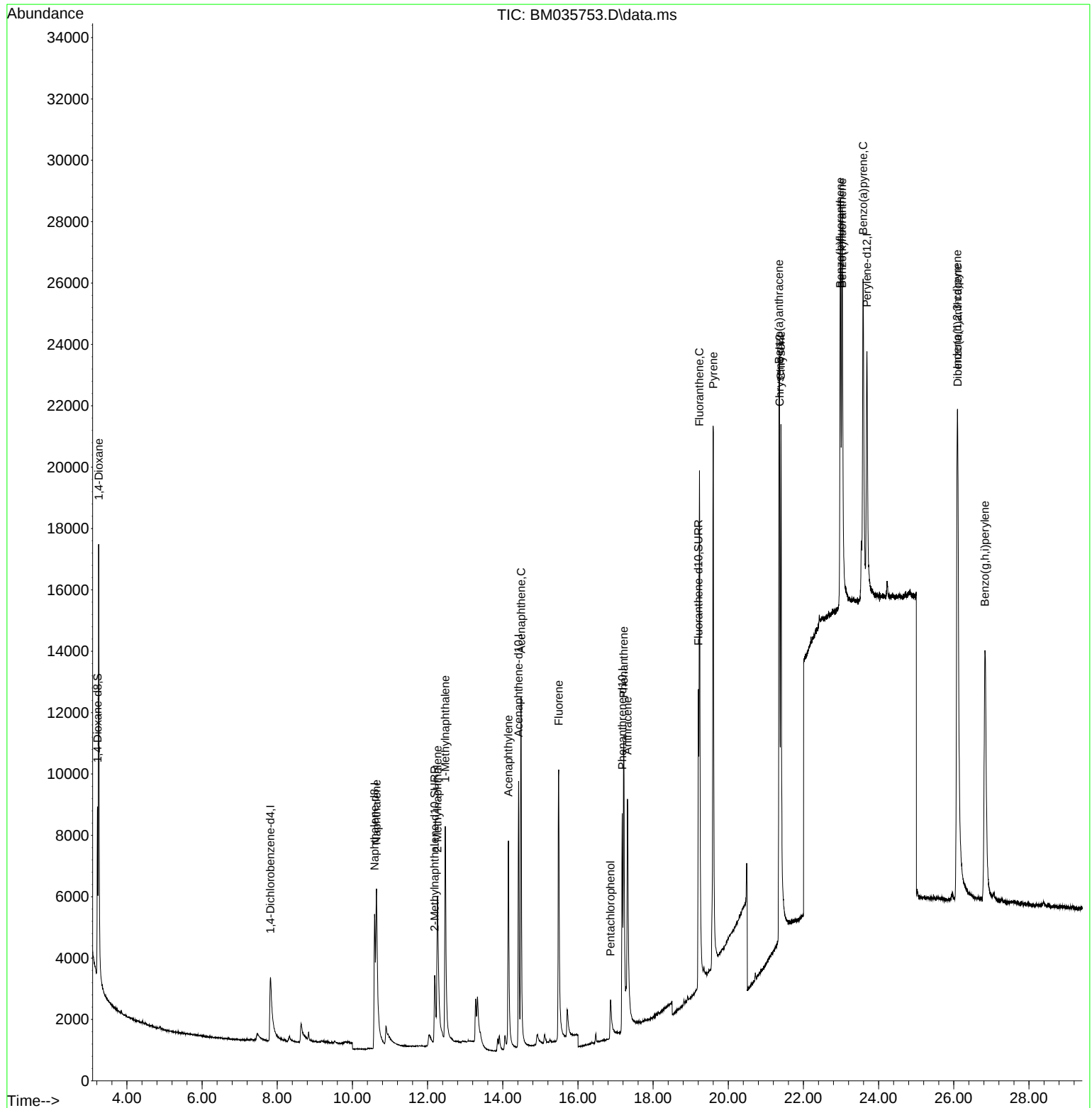
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035753.D
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ALS Vial : 32 Sample Multiplier: 1

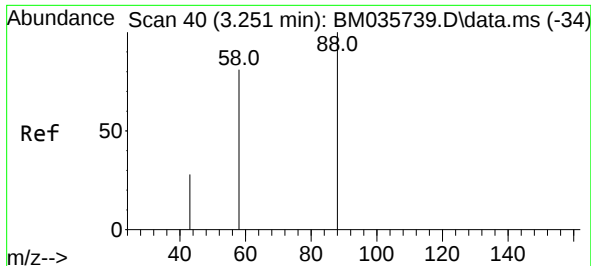
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Quant Time: Jun 29 11:22:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
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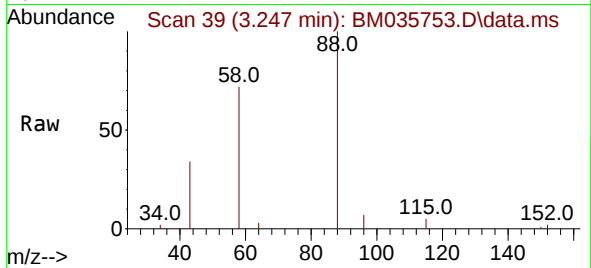
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022





#2
1,4-Dioxane
Concen: 2.179 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

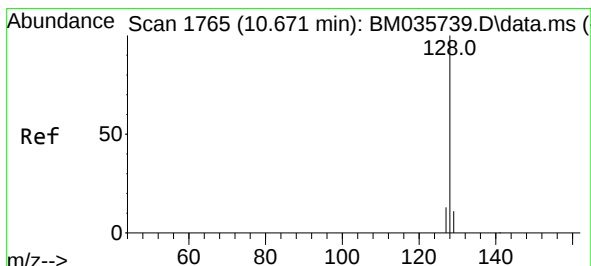
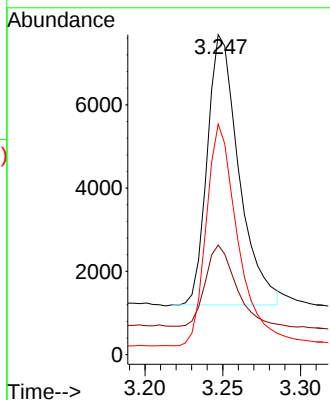
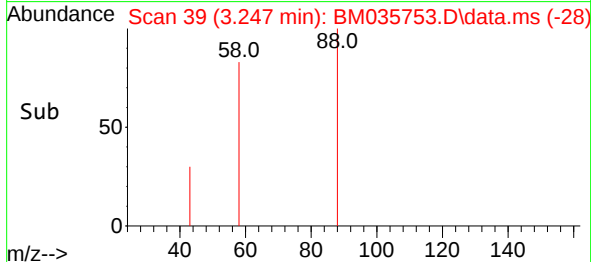
Instrument :
BNA_M
ClientSampleId :
SLCS657



Tgt Ion: 88 Resp: 917
Ion Ratio Lower Upper
88 100
43 34.2 37.8 56.6
58 72.0 42.6 63.8

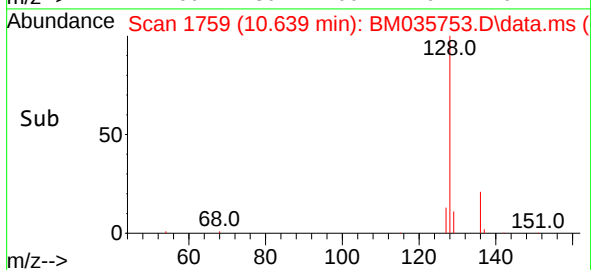
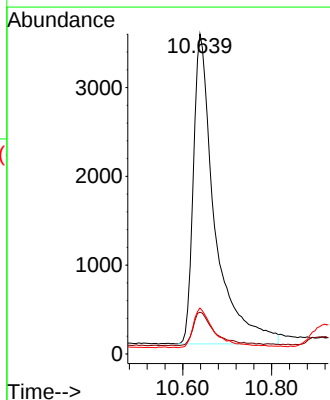
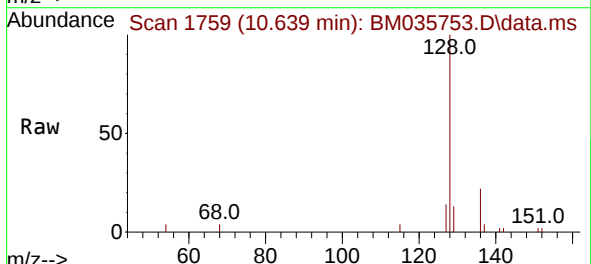
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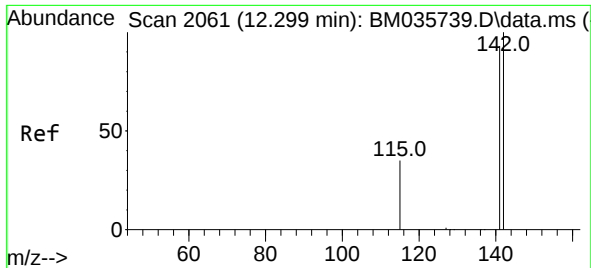
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.639 min Scan# 1759
Delta R.T. -0.033 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

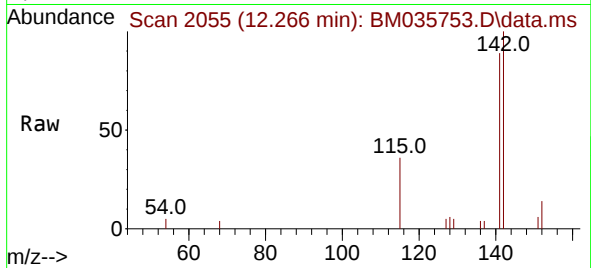
Tgt Ion:128 Resp: 11645
Ion Ratio Lower Upper
128 100
129 13.0 10.2 15.2
127 14.4 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.266 min Scan# 2055
Delta R.T. -0.033 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

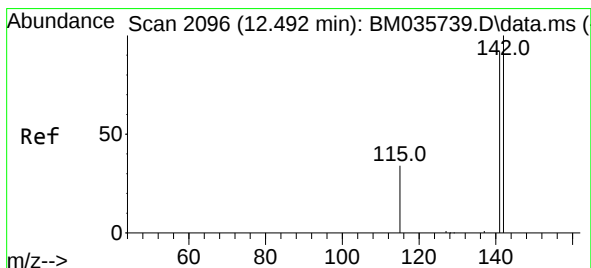
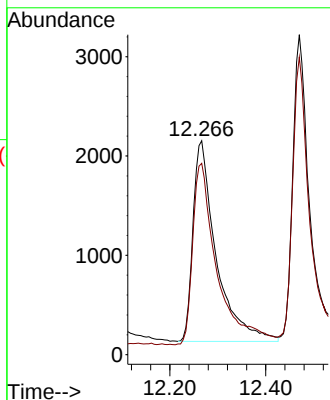
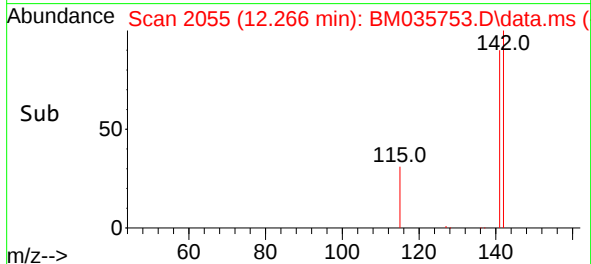
Instrument :
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ClientSampleId :
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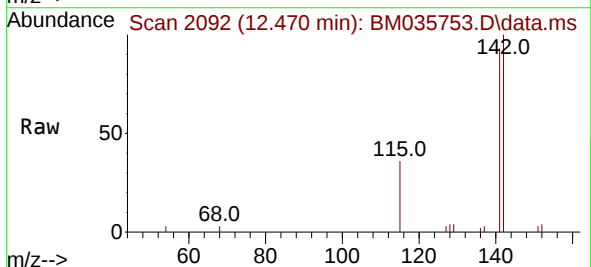
Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
141 95.7 77.4 116.0

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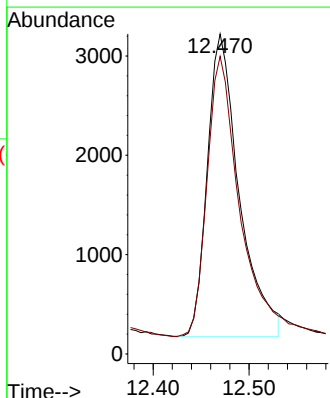
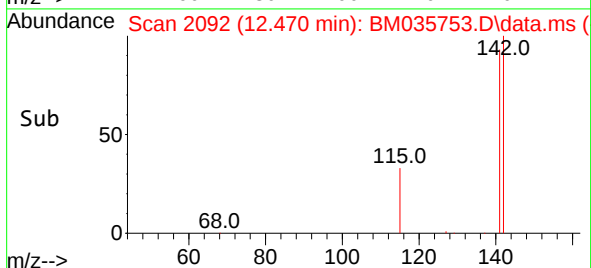
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

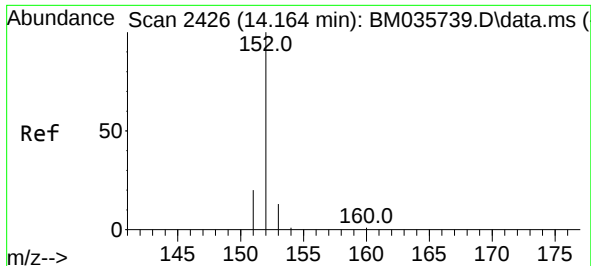


#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.022 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



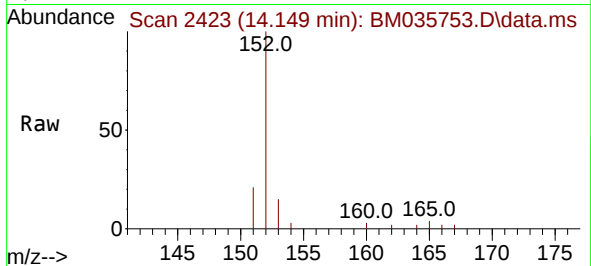
Tgt Ion:142 Resp: 7033
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1





#10
Acenaphthylene
Concen: 0.355 ng/u1
RT: 14.149 min Scan# 2423
Delta R.T. -0.015 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

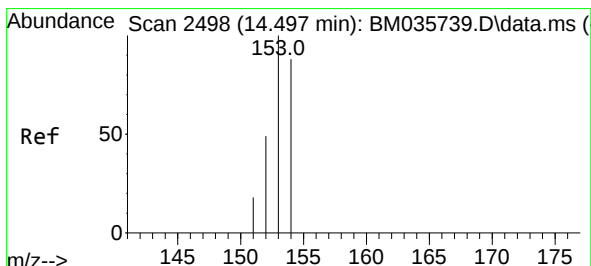
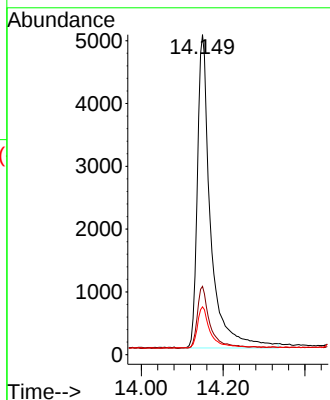
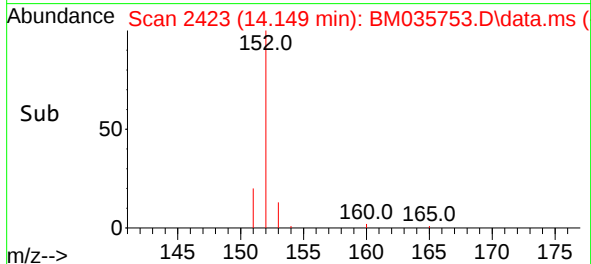
Instrument :
BNA_M
ClientSampleId :
SLCS657



Tgt Ion:152 Resp: 1121
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8
153 15.0 11.4 17.0

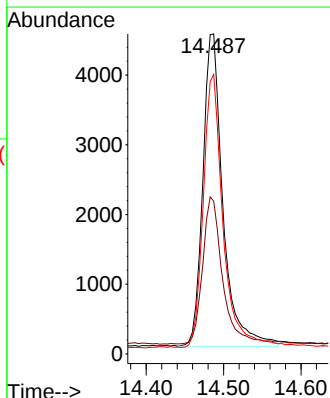
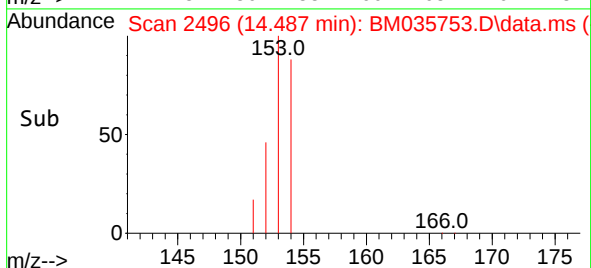
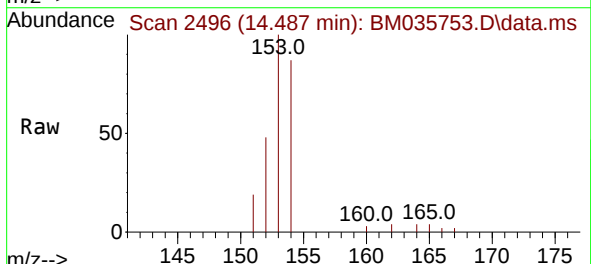
Manual Integrations
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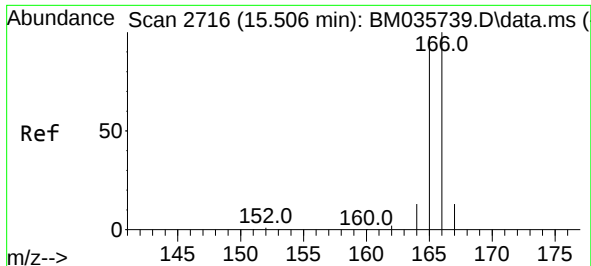
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#11
Acenaphthene
Concen: 0.333 ng/u1
RT: 14.487 min Scan# 2496
Delta R.T. -0.010 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

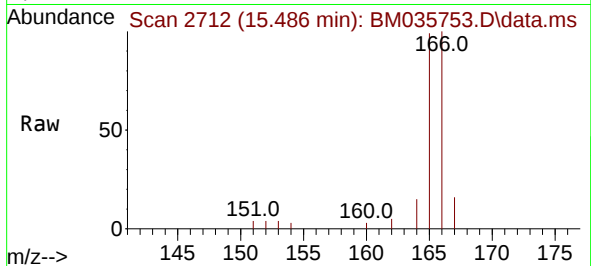
Tgt Ion:153 Resp: 8086
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 87.3 69.7 104.5





#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.486 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

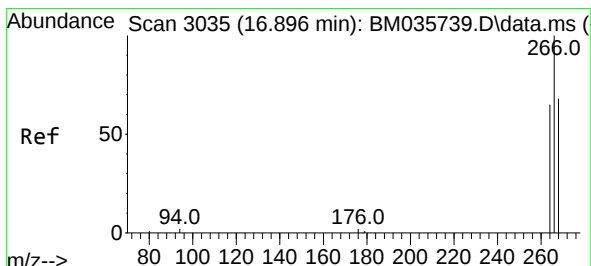
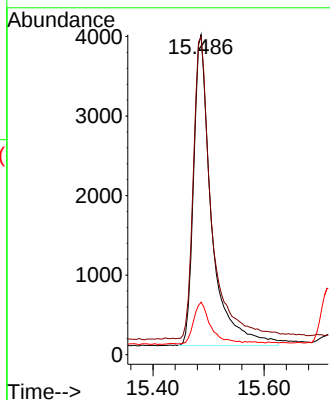
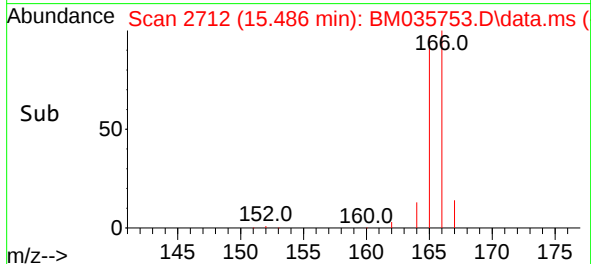
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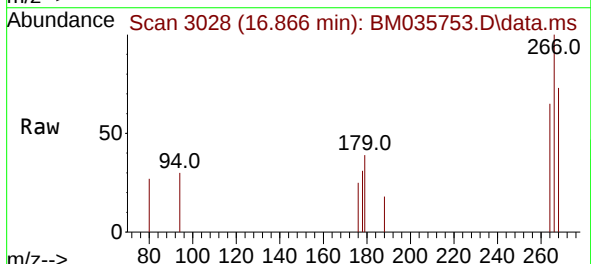
Tgt Ion:166 Resp: 8789
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 16.4 11.3 16.9

Manual Integrations
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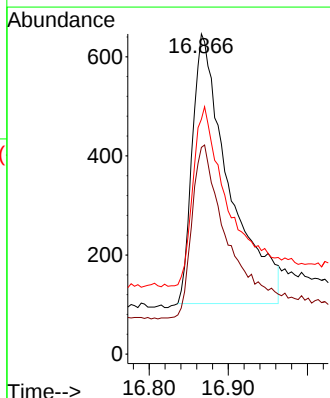
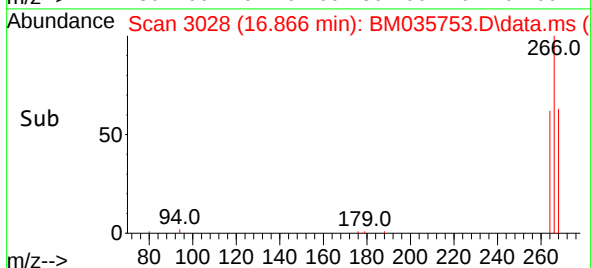
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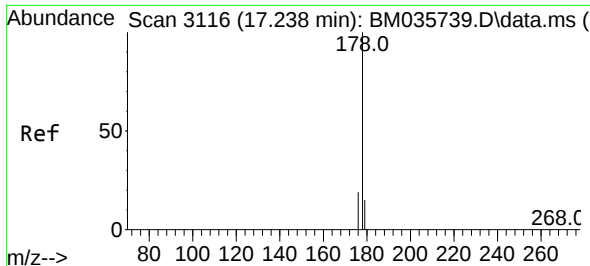


#14
Pentachlorophenol
Concen: 0.979 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.030 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



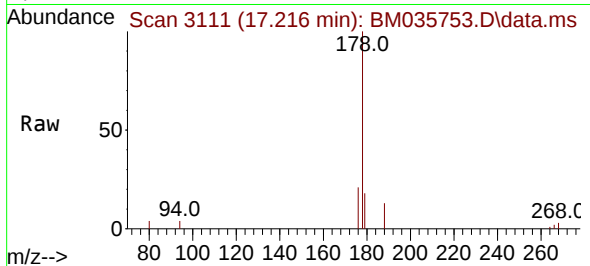
Tgt Ion:266 Resp: 1753
Ion Ratio Lower Upper
266 100
264 61.8 50.3 75.5
268 64.2 53.5 80.3





#15
Phenanthrene
Concen: 0.330 ng/u1
RT: 17.216 min Scan# 3111
Delta R.T. -0.022 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

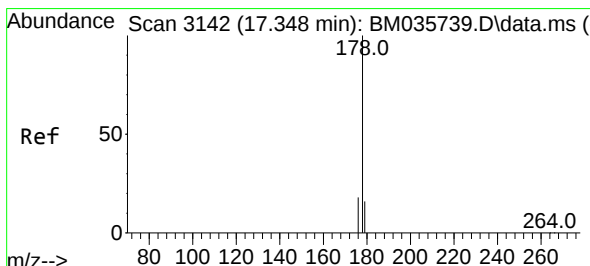
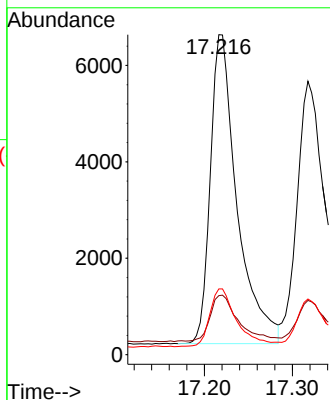
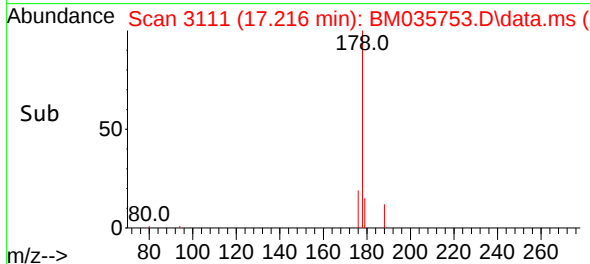
Instrument :
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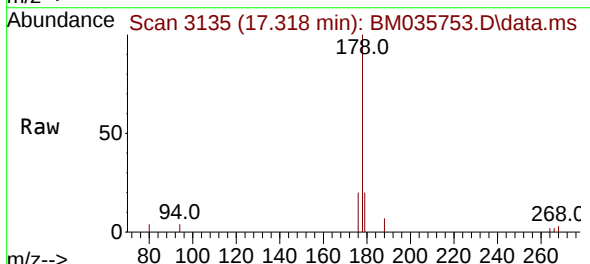
Tgt Ion:178 Resp: 13550
Ion Ratio Lower Upper
178 100
179 18.5 13.0 19.6
176 20.5 15.6 23.4

Manual Integrations
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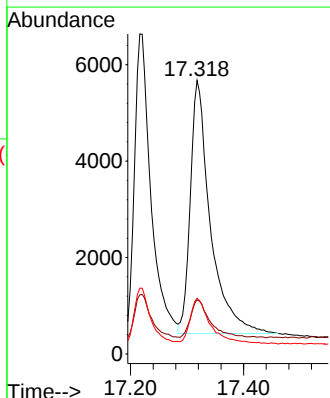
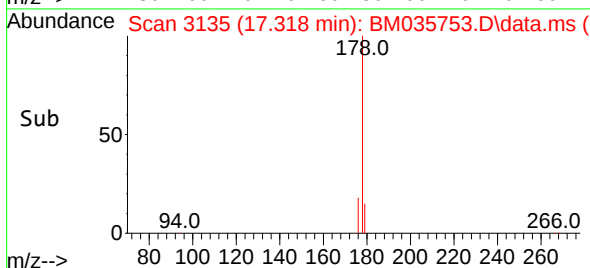
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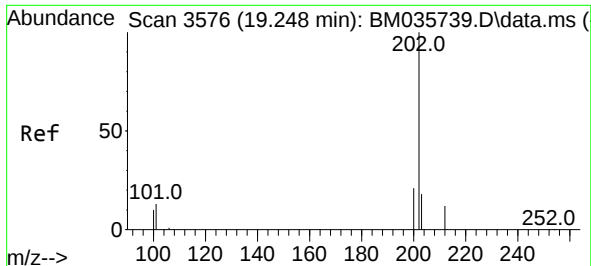


#16
Anthracene
Concen: 0.379 ng/u1
RT: 17.318 min Scan# 3135
Delta R.T. -0.030 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



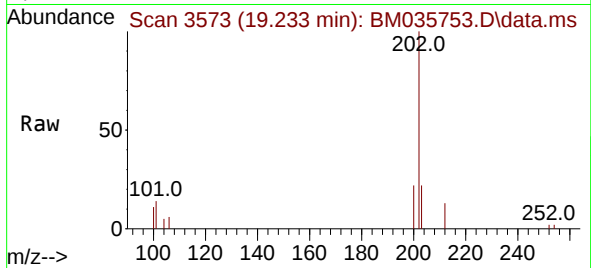
Tgt Ion:178 Resp: 12933
Ion Ratio Lower Upper
178 100
179 19.9 13.6 20.4
176 20.3 15.6 23.4





#19
Fluoranthene
Concen: 0.303 ng/u1
RT: 19.233 min Scan# 3573
Delta R.T. -0.015 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

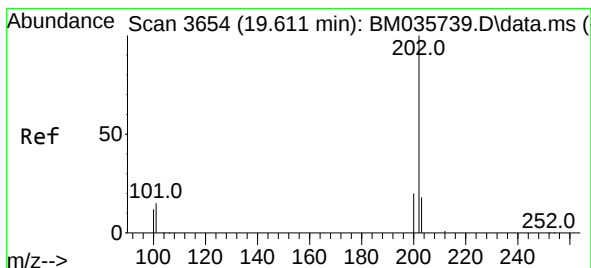
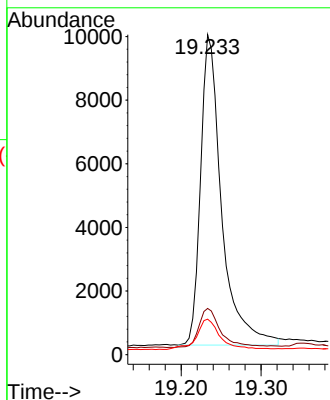
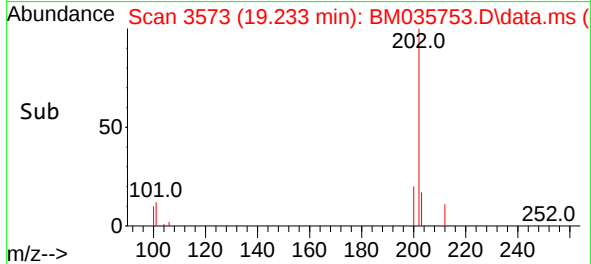
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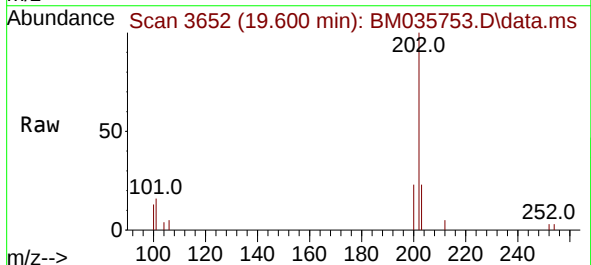
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Ion Ratio Lower Upper
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101 14.5 10.1 15.1
100 11.1 7.9 11.9

Manual Integrations
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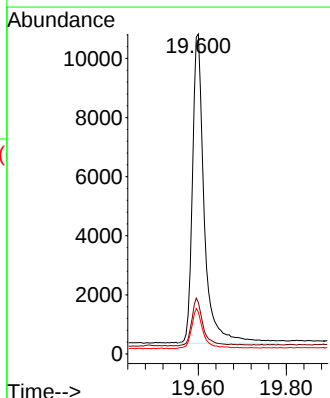
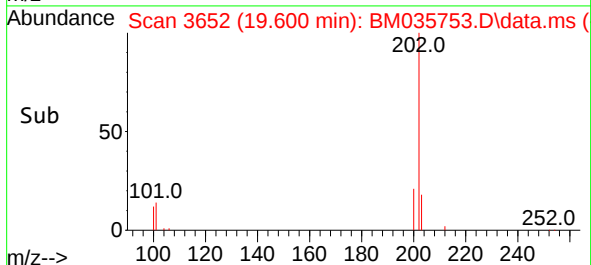
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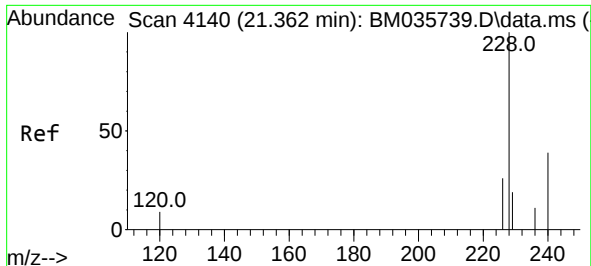


#20
Pyrene
Concen: 0.297 ng/u1
RT: 19.600 min Scan# 3652
Delta R.T. -0.010 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



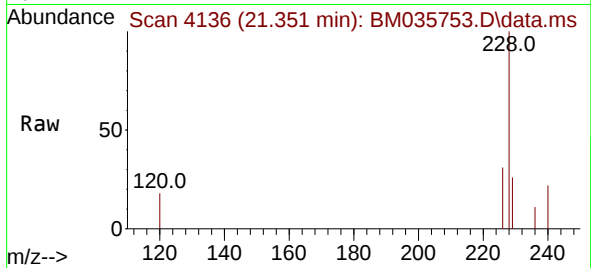
Tgt Ion:202 Resp: 19648
Ion Ratio Lower Upper
202 100
101 16.1 12.0 18.0
100 13.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.389 ng/u1
RT: 21.351 min Scan# 4136
Delta R.T. -0.011 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

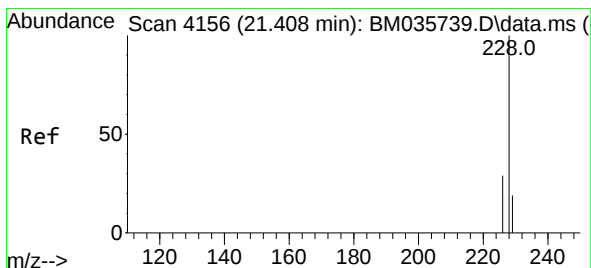
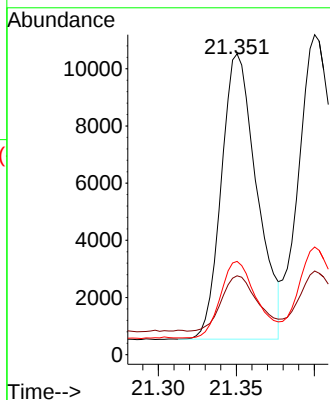
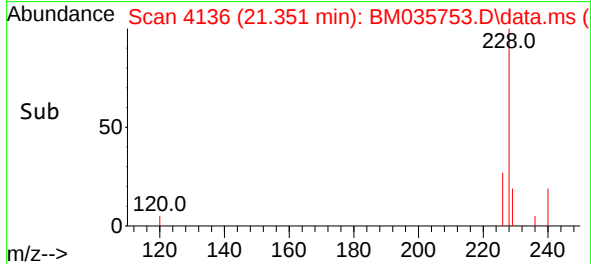
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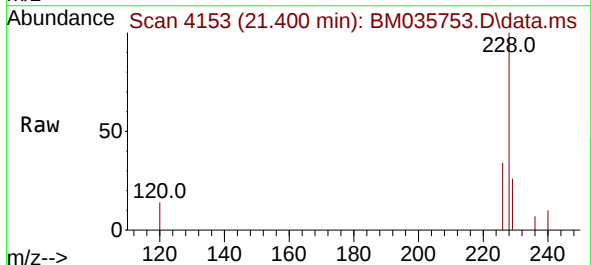
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Ion Ratio Lower Upper
228 100
229 26.2 16.2 24.2
226 31.0 22.5 33.7

Manual Integrations
APPROVED

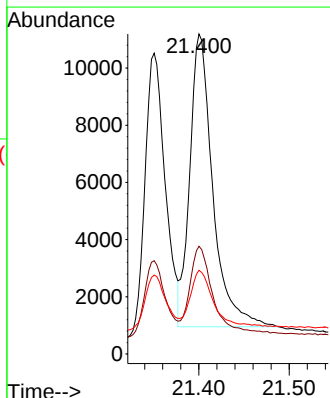
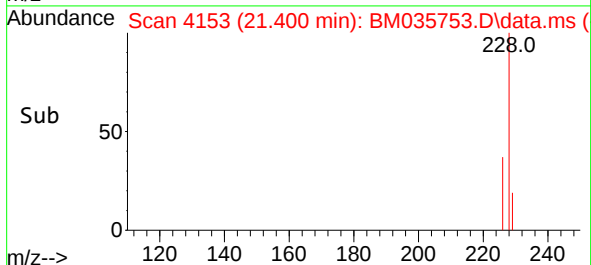
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

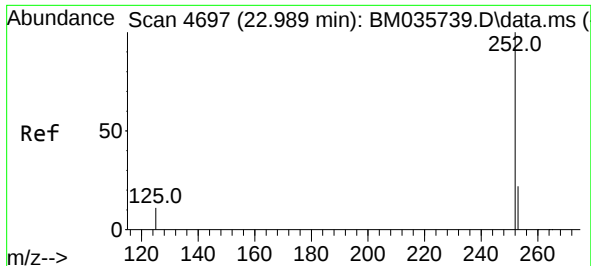


#22
Chrysene
Concen: 0.346 ng/u1
RT: 21.400 min Scan# 4153
Delta R.T. -0.008 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



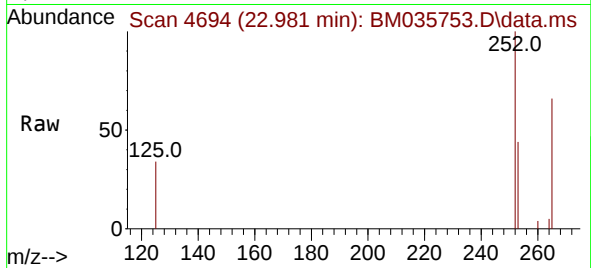
Tgt Ion:228 Resp: 18131
Ion Ratio Lower Upper
228 100
226 33.7 24.6 37.0
229 26.1 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.981 min Scan# 4694
Delta R.T. -0.008 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

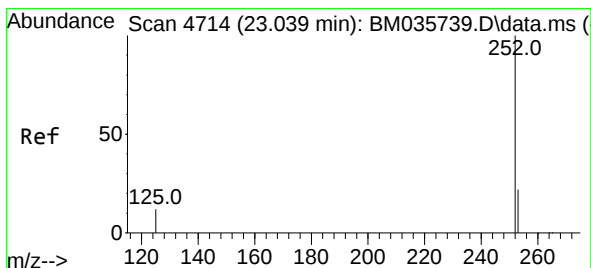
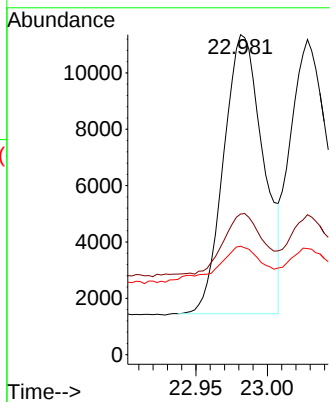
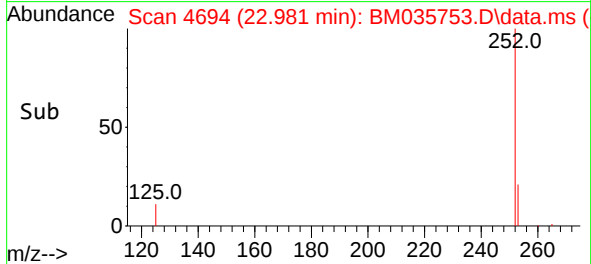
Instrument :
BNA_M
ClientSampleId :
SLCS657



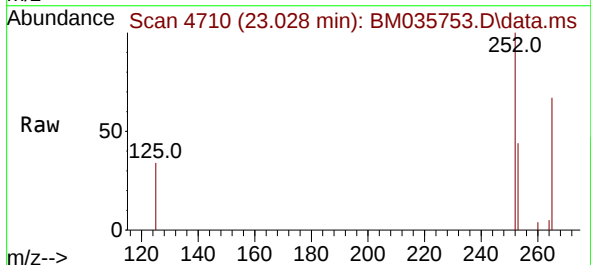
Tgt Ion:252 Resp: 1914
Ion Ratio Lower Upper
252 100
253 43.9 0.0 61.4
125 33.9 0.0 42.6

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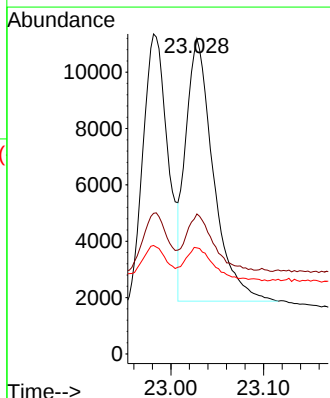
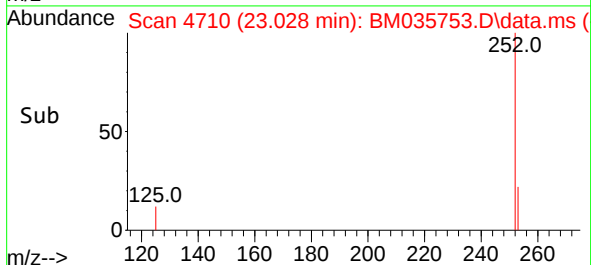
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

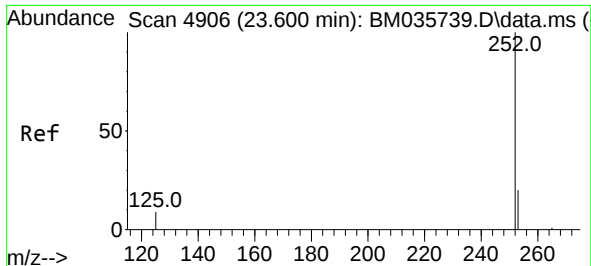


#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.011 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33



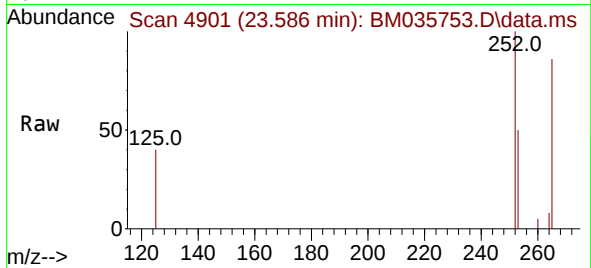
Tgt Ion:252 Resp: 19264
Ion Ratio Lower Upper
252 100
253 44.4 25.2 37.8#
125 33.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.586 min Scan# 4906
Delta R.T. -0.014 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

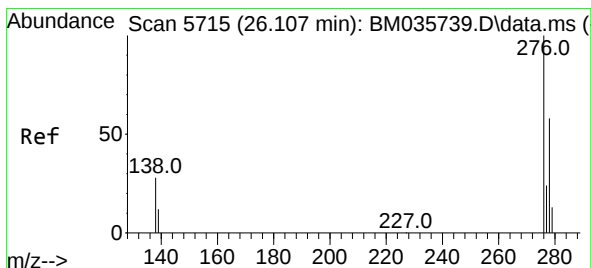
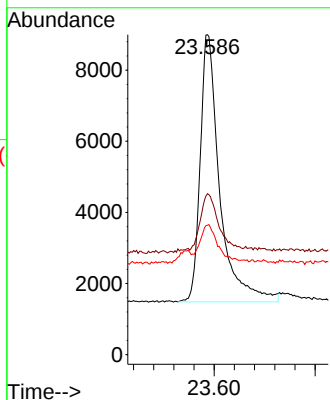
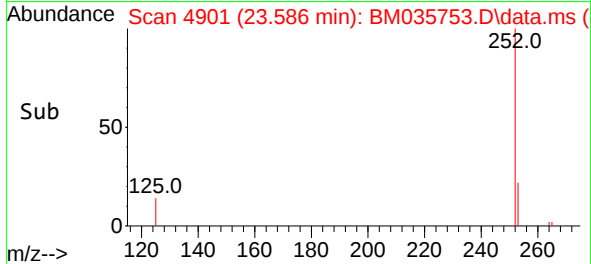
Instrument :
BNA_M
ClientSampleId :
SLCS657



Tgt Ion:252 Resp: 20169
Ion Ratio Lower Upper
252 100
253 50.3 29.7 44.5
125 40.4 23.6 35.4

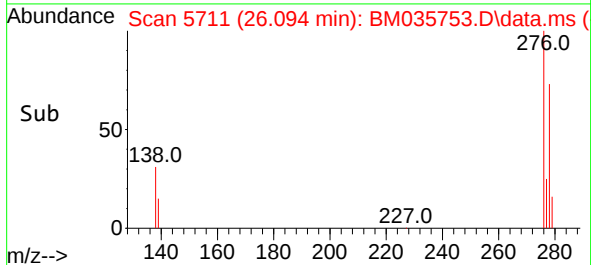
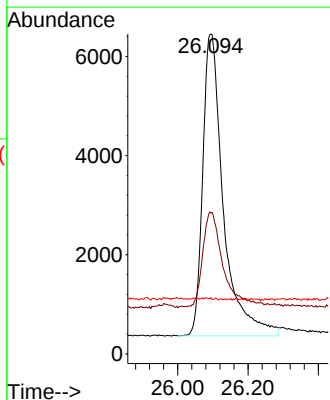
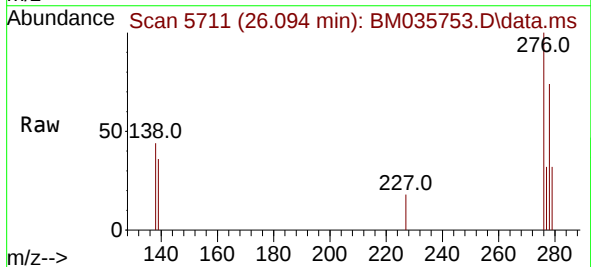
Manual Integrations
APPROVED

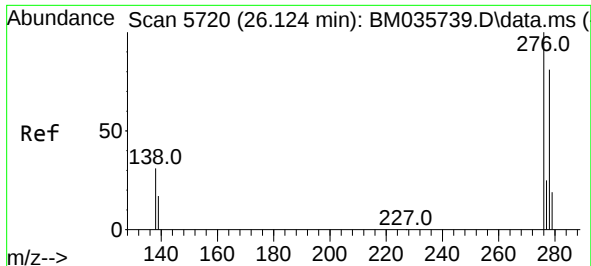
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 26.094 min Scan# 5711
Delta R.T. -0.013 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

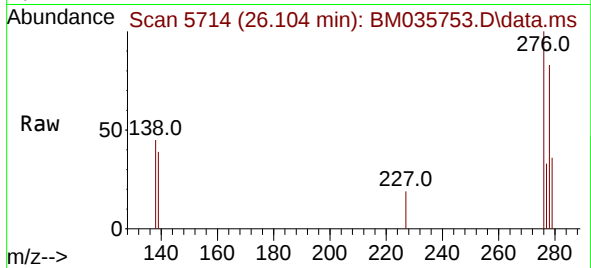
Tgt Ion:276 Resp: 24848
Ion Ratio Lower Upper
276 100
138 31.1 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.104 min Scan# 5714
Delta R.T. -0.019 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

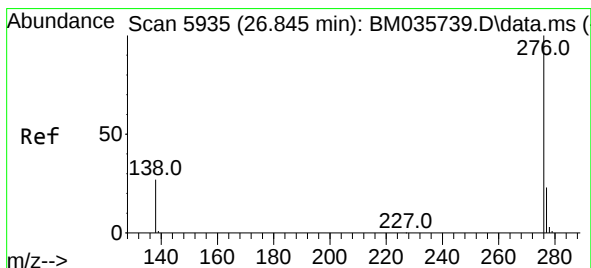
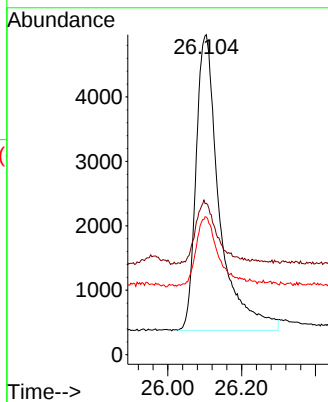
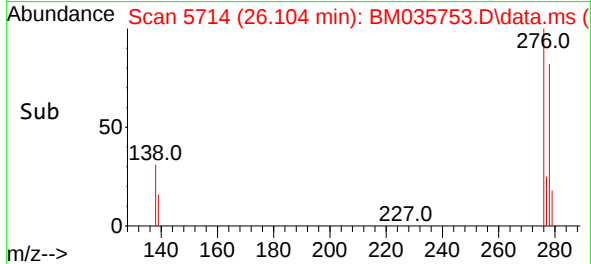
Instrument :
BNA_M
ClientSampleId :
SLCS657



Tgt Ion: 278 Resp: 2015
Ion Ratio Lower Upper
278 100
139 47.3 19.8 29.6
279 43.0 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: 0.403 ng/ul
RT: 26.829 min Scan# 5930
Delta R.T. -0.016 min
Lab File: BM035753.D
Acq: 29 Jun 2022 09:33

Tgt Ion: 276 Resp: 22088
Ion Ratio Lower Upper
276 100
138 41.8 23.4 35.0#
277 32.0 21.0 31.4#

