

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034656.D
 Acq On : 13 Apr 2022 14:43
 Operator : CG/JU
 Sample : PB143977BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS977

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 04:15:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1128	0.400	ng/ul	0.03
4) Naphthalene-d8	10.722	136	4480	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.534	164	2249m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	2907m	0.400	ng/ul	0.01
17) Chrysene-d12	21.481	240	2713	0.400	ng/ul	# 0.01
23) Perylene-d12	23.855	264	2317	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1620	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1580	0.266	ng/ul	0.03
18) Fluoranthene-d10	19.313	212	2615	0.331	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	4190	2.164	ng/ul#	80
5) Naphthalene	10.782	128	3421	0.264	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	1794	0.232	ng/ul	96
8) 1-Methylnaphthalene	12.602	142	1906	0.244	ng/ul	99
10) Acenaphthylene	14.261	152	3189	0.302	ng/ul	99
11) Acenaphthene	14.599	153	2306	0.273	ng/ul	96
12) Fluorene	15.603	166	2071	0.238	ng/ul#	97
14) Pentachlorophenol	16.963	266	492	0.436	ng/ul	99
15) Phenanthrene	17.343	178	2653	0.282	ng/ul#	90
16) Anthracene	17.453	178	1463	0.204	ng/ul#	87
19) Fluoranthene	19.346	202	3372	0.301	ng/ul#	89
20) Pyrene	19.703	202	4332	0.327	ng/ul#	88
21) Benzo(a)anthracene	21.481	228	1450m	0.256	ng/ul	
22) Chrysene	21.507	228	2115	0.295	ng/ul	96
24) Benzo(b)fluoranthene	23.124	252	2457m	0.323	ng/ul	
25) Benzo(k)fluoranthene	23.176	252	2245	0.294	ng/ul#	65
26) Benzo(a)pyrene	23.767	252	3318	0.379	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.355	276	3967	0.342	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.405	278	2871	0.342	ng/ul#	34
29) Benzo(g,h,i)perylene	27.093	276	4711	0.372	ng/ul#	88

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

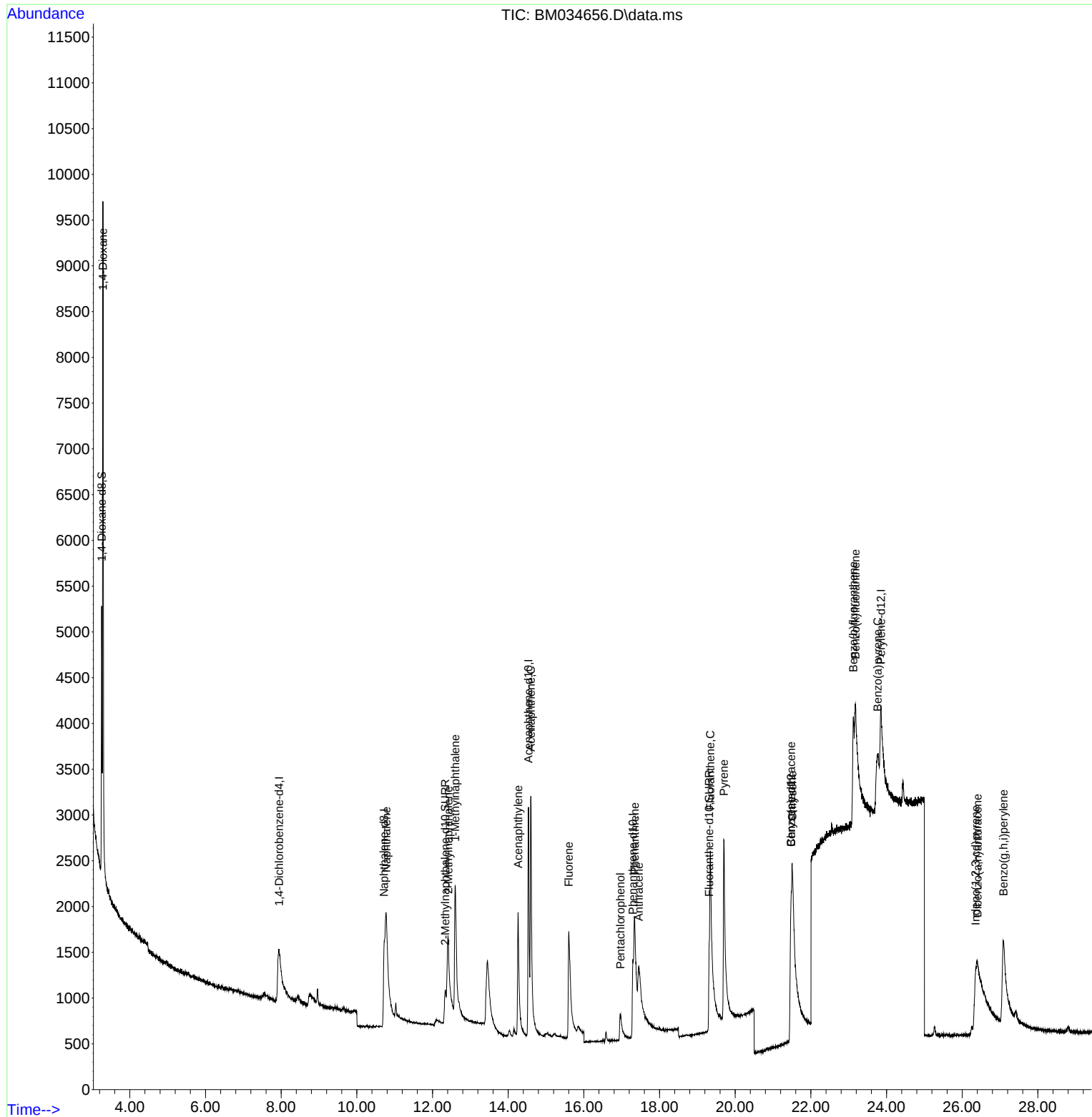
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034656.D
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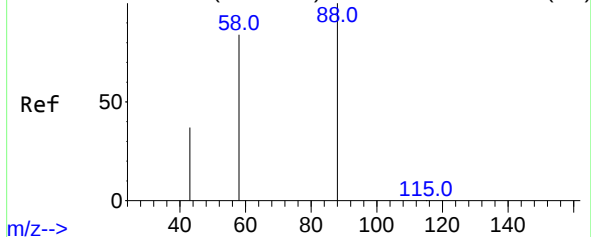
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Abundance Scan 60 (3.285 min): BM034653.D\data.ms (-55)



#2

1,4-Dioxane

Concen: 2.164 ng/ul

RT: 3.290 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM034656.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_M

ClientSampleId :

SLCS977

Tgt Ion: 88 Resp: 4190

Ion Ratio Lower Upper

88 100

43 34.5 49.7 74.5

58 61.8 52.5 78.7

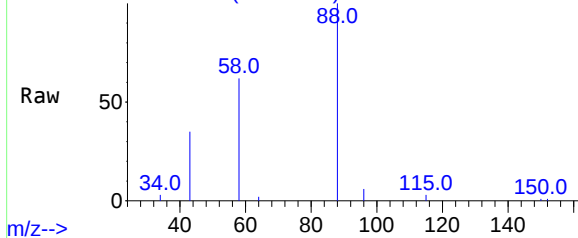
Manual Integrations

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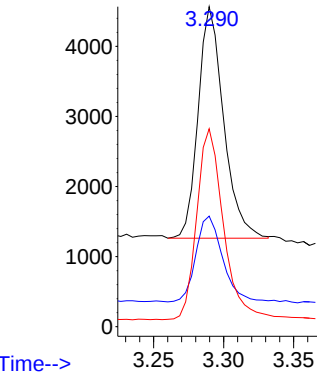
Reviewed By :Jagrut Upadhyay 04/14/2022

Supervised By :Yogesh Patel 04/14/2022

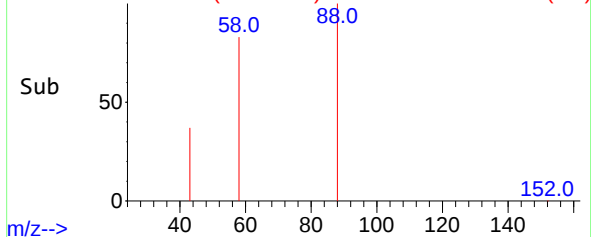
Abundance Scan 61 (3.290 min): BM034656.D\data.ms



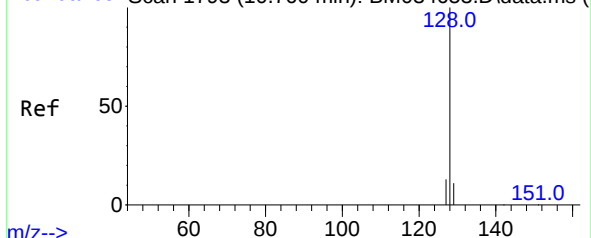
Abundance



Abundance Scan 61 (3.290 min): BM034656.D\data.ms (-49)



Abundance Scan 1793 (10.760 min): BM034653.D\data.ms (-55)



#5

Naphthalene

Concen: 0.264 ng/ul

RT: 10.782 min Scan# 1797

Delta R.T. 0.028 min

Lab File: BM034656.D

Acq: 13 Apr 2022 14:43

Tgt Ion:128 Resp: 3421

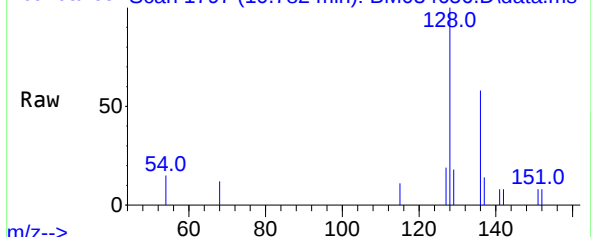
Ion Ratio Lower Upper

128 100

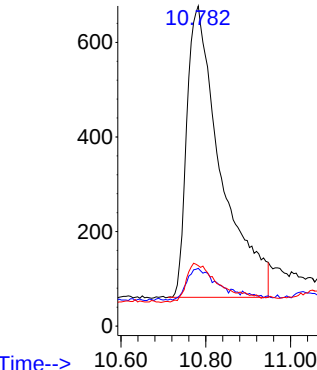
129 18.0 13.4 20.2

127 18.9 15.2 22.8

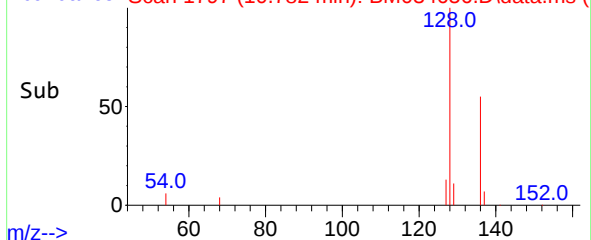
Abundance Scan 1797 (10.782 min): BM034656.D\data.ms

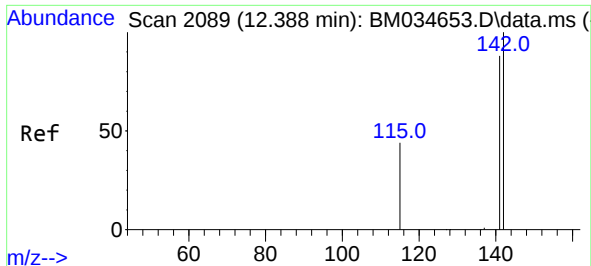


Abundance



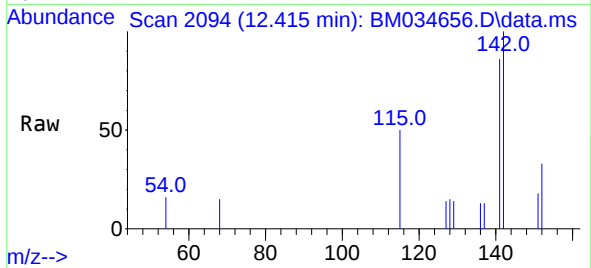
Abundance Scan 1797 (10.782 min): BM034656.D\data.ms (-49)





#7
2-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.415 min Scan# 2094
Delta R.T. 0.033 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

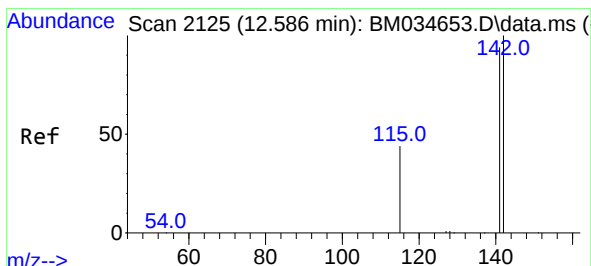
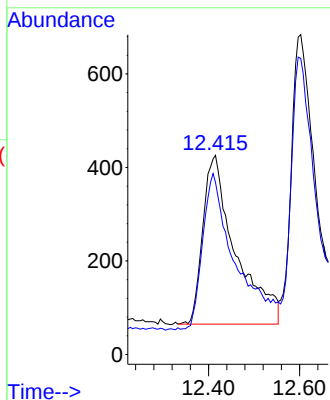
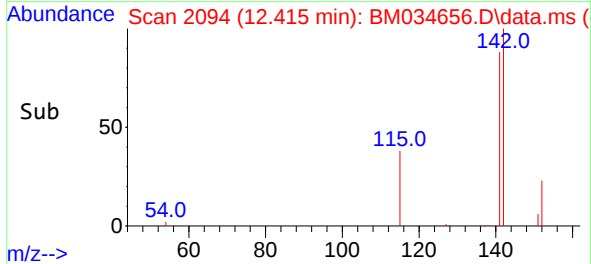
Instrument :
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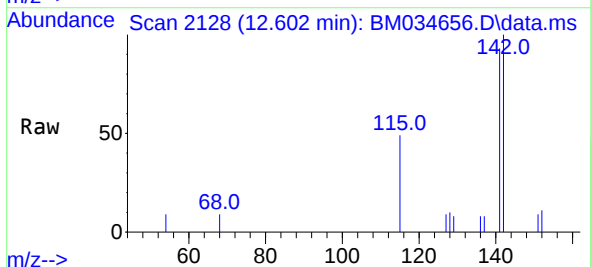
Tgt Ion:142 Resp: 1794
Ion Ratio Lower Upper
142 100
141 93.9 71.8 107.6

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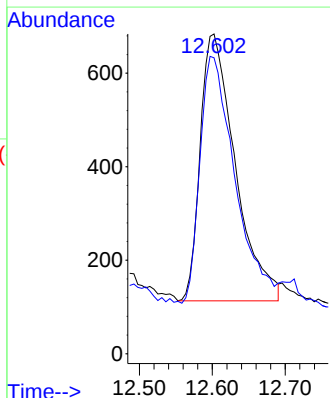
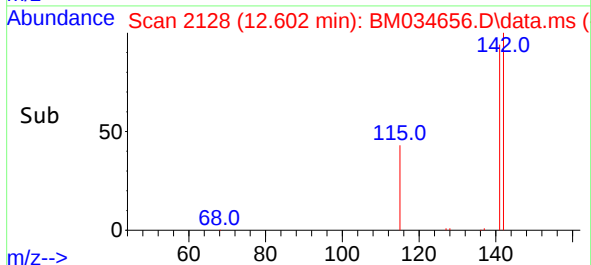
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

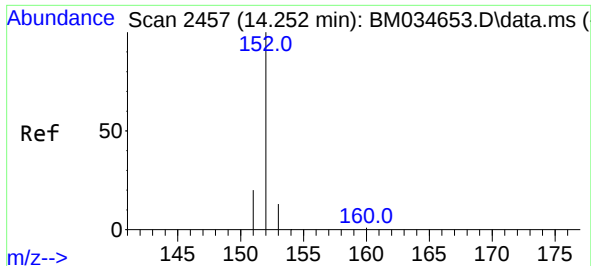


#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.602 min Scan# 2128
Delta R.T. 0.011 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



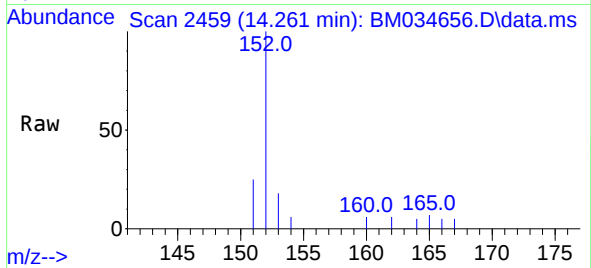
Tgt Ion:142 Resp: 1906
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4





#10
Acenaphthylene
Concen: 0.302 ng/u1
RT: 14.261 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

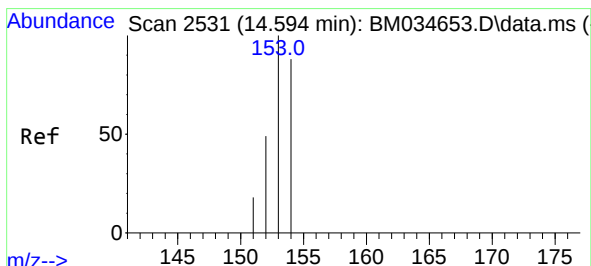
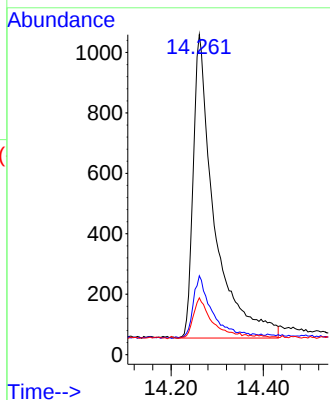
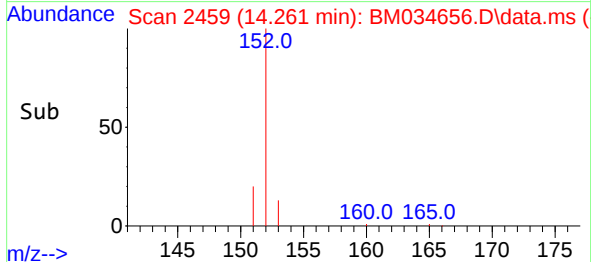
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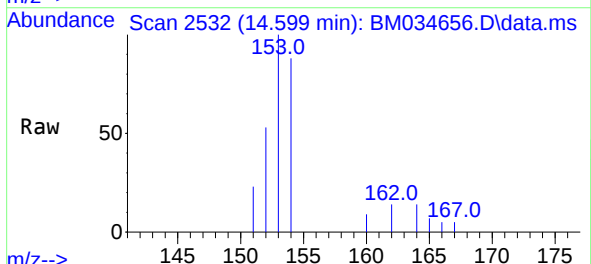
Tgt Ion:152 Resp: 3189
Ion Ratio Lower Upper
152 100
151 24.6 19.9 29.9
153 17.8 15.0 22.4

Manual Integrations
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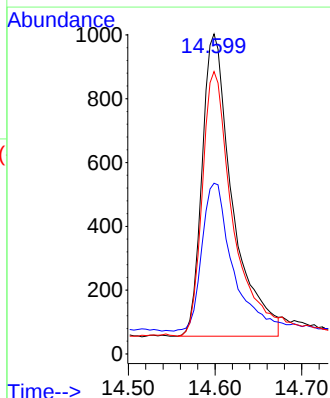
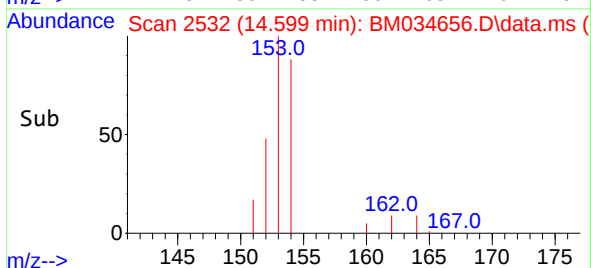
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

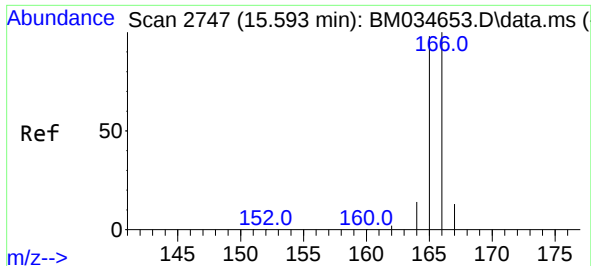


#11
Acenaphthene
Concen: 0.273 ng/u1
RT: 14.599 min Scan# 2532
Delta R.T. 0.005 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



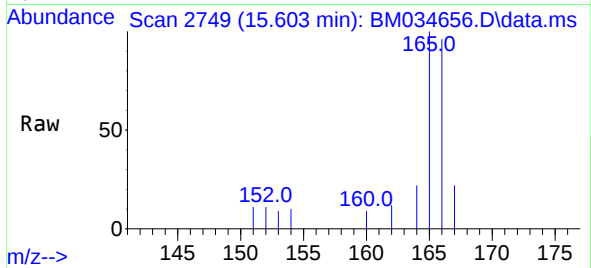
Tgt Ion:153 Resp: 2306
Ion Ratio Lower Upper
153 100
152 53.3 42.4 63.6
154 88.2 66.2 99.2





#12
Fluorene
Concen: 0.238 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

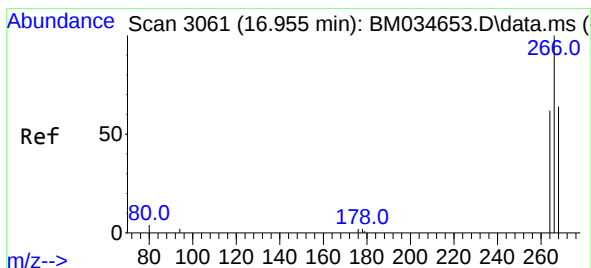
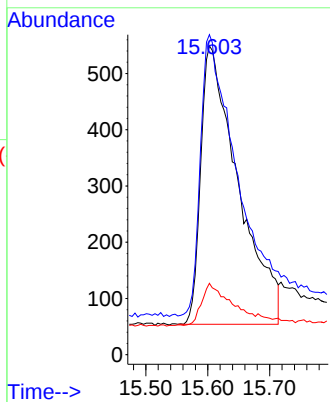
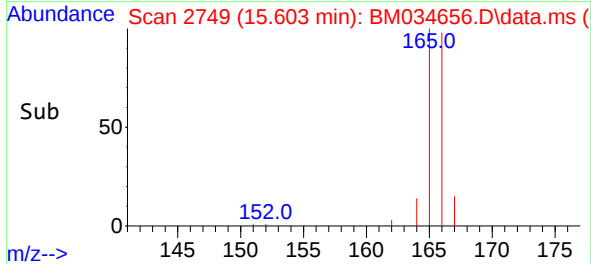
Instrument :
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Tgt Ion:166 Resp: 207
Ion Ratio Lower Upper
166 100
165 103.6 81.1 121.7
167 23.1 14.9 22.3

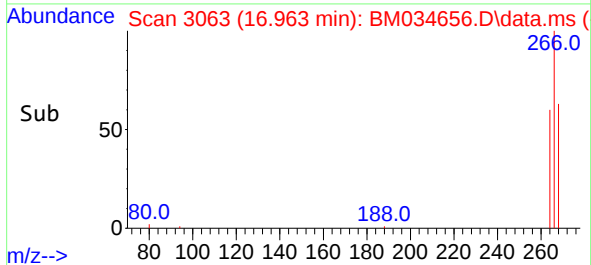
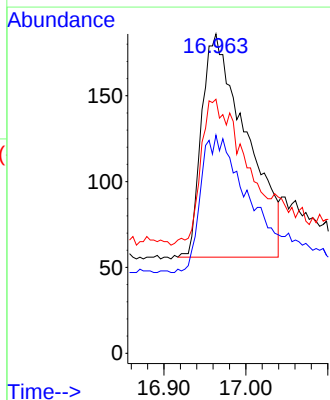
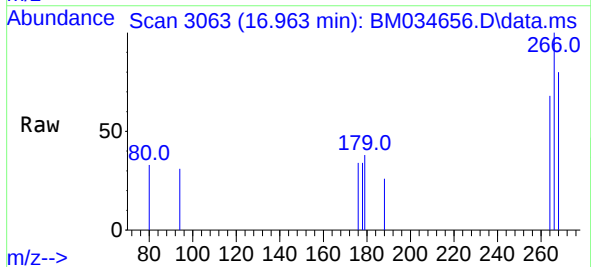
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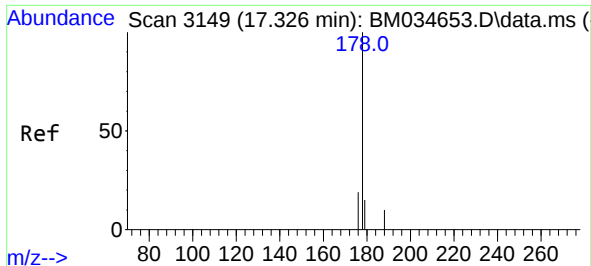
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#14
Pentachlorophenol
Concen: 0.436 ng/ul
RT: 16.963 min Scan# 3063
Delta R.T. 0.017 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

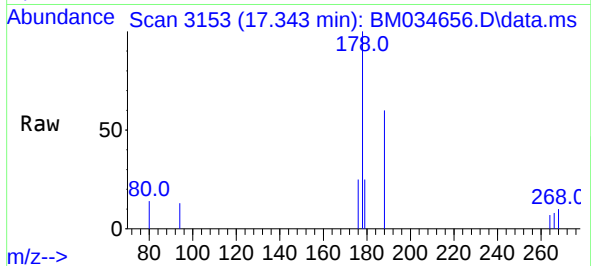
Tgt Ion:266 Resp: 492
Ion Ratio Lower Upper
266 100
264 64.6 51.4 77.0
268 65.0 53.1 79.7





#15
Phenanthrene
Concen: 0.282 ng/u1
RT: 17.343 min Scan# 3153
Delta R.T. 0.017 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

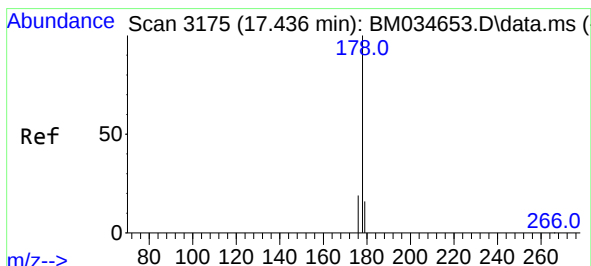
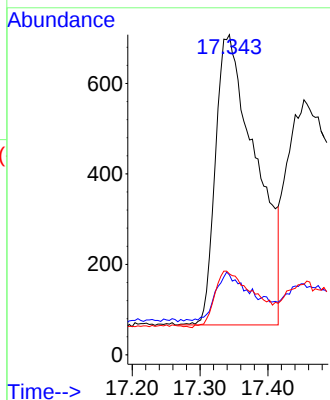
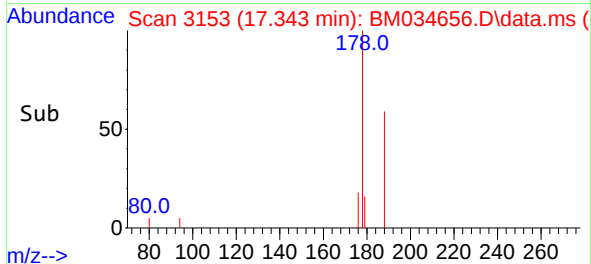
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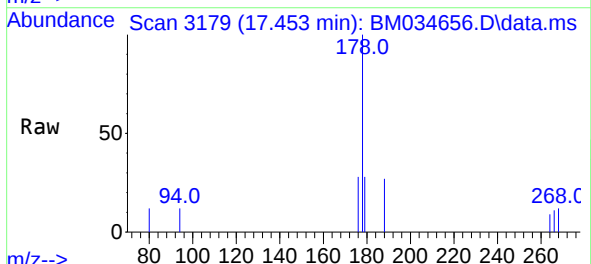
Tgt Ion:178 Resp: 265
Ion Ratio Lower Upper
178 100
179 25.0 15.0 22.6
176 25.3 17.9 26.9

Manual Integrations
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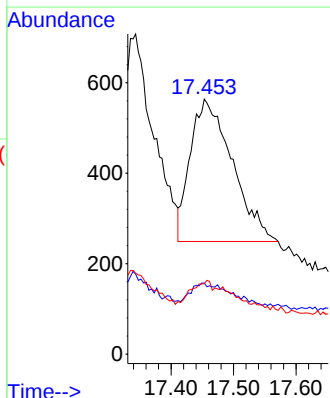
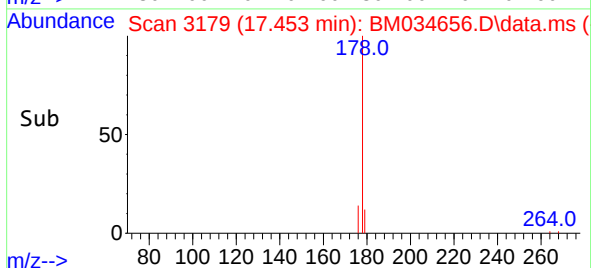
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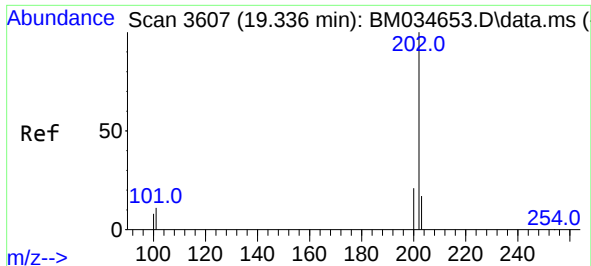


#16
Anthracene
Concen: 0.204 ng/u1
RT: 17.453 min Scan# 3179
Delta R.T. 0.030 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



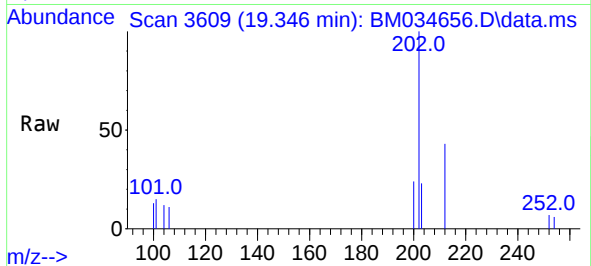
Tgt Ion:178 Resp: 1463
Ion Ratio Lower Upper
178 100
179 27.8 16.5 24.7#
176 27.7 18.3 27.5#





#19
Fluoranthene
Concen: 0.301 ng/u1
RT: 19.346 min Scan# 3609
Delta R.T. 0.009 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

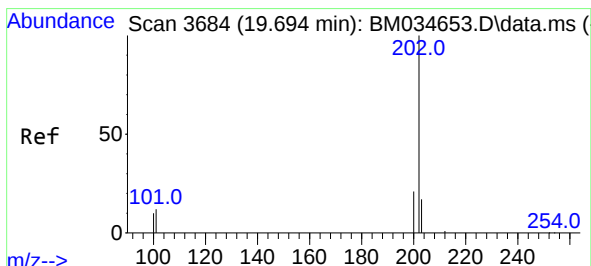
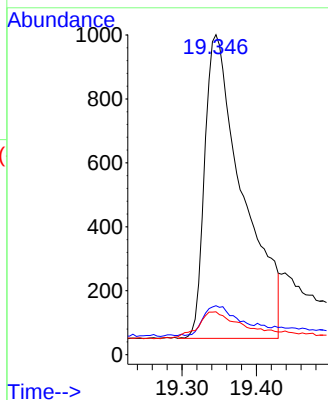
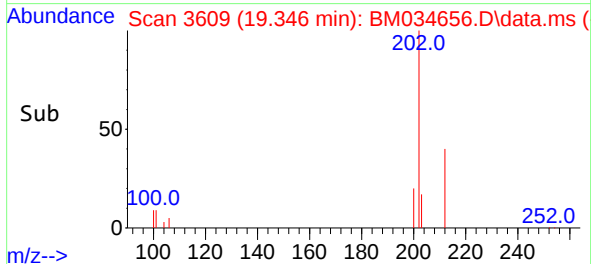
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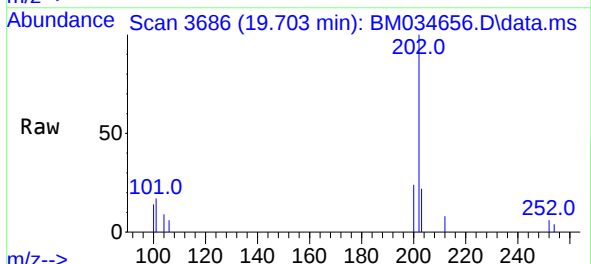
Tgt Ion:202 Resp: 3372
Ion Ratio Lower Upper
202 100
101 15.3 9.2 13.8#
100 13.4 7.2 10.8#

Manual Integrations
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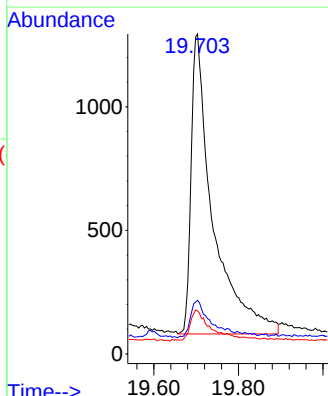
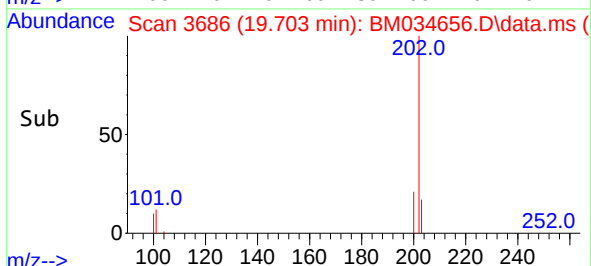
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

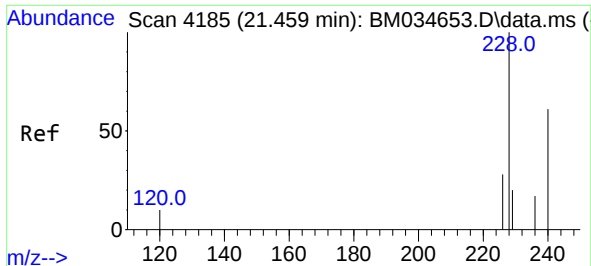


#20
Pyrene
Concen: 0.327 ng/u1
RT: 19.703 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



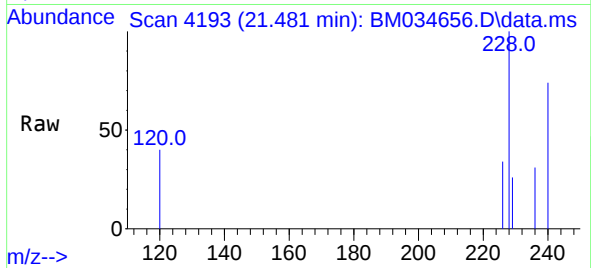
Tgt Ion:202 Resp: 4332
Ion Ratio Lower Upper
202 100
101 16.8 9.3 13.9#
100 13.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.256 ng/ul m
RT: 21.481 min Scan# 4185
Delta R.T. 0.028 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

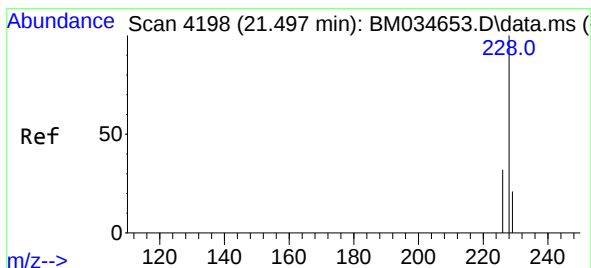
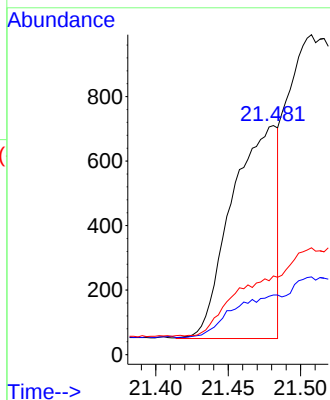
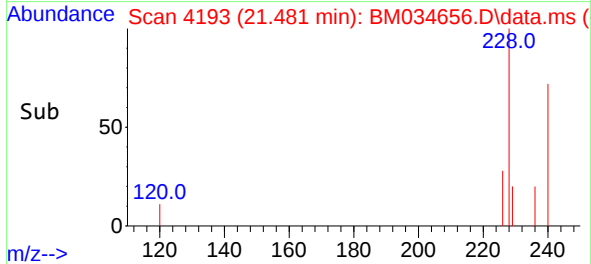
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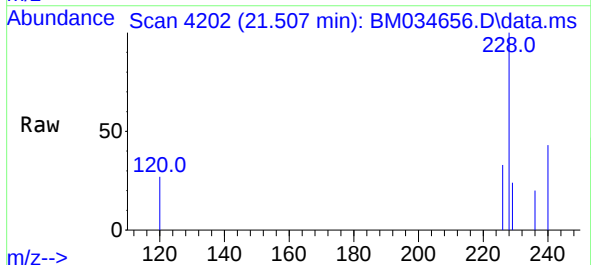
Tgt Ion:228 Resp: 1450
Ion Ratio Lower Upper
228 100
229 26.1 17.3 25.9
226 34.4 23.2 34.8

Manual Integrations
APPROVED

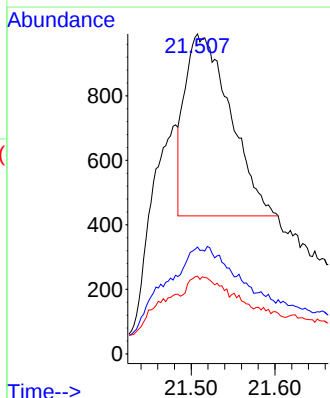
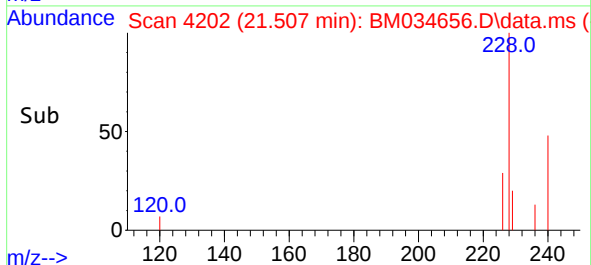
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

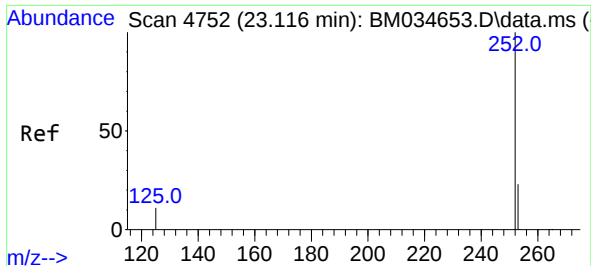


#22
Chrysene
Concen: 0.295 ng/ul
RT: 21.507 min Scan# 4202
Delta R.T. 0.004 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



Tgt Ion:228 Resp: 2115
Ion Ratio Lower Upper
228 100
226 33.4 25.8 38.8
229 24.3 16.7 25.1





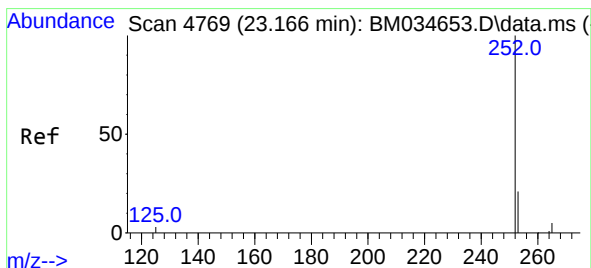
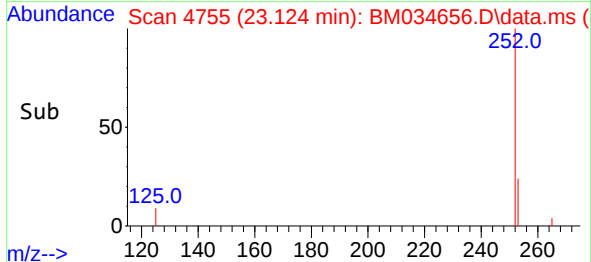
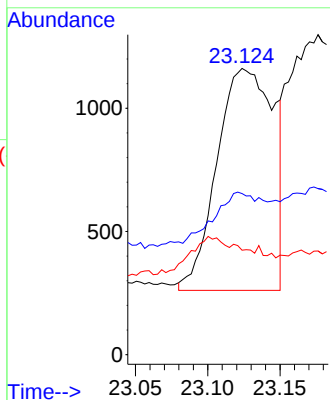
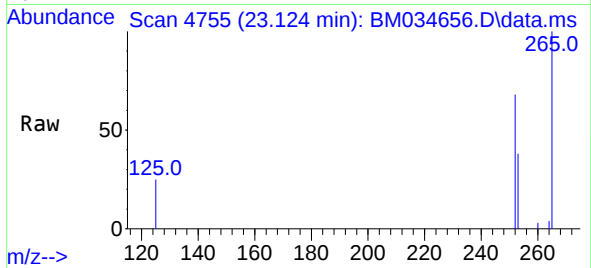
#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul m
RT: 23.124 min Scan# 4752
Delta R.T. 0.005 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

Instrument :
BNA_M
ClientSampleId :
SLCS977

Tgt Ion:252 Resp: 245
Ion Ratio Lower Upper
252 100
253 56.3 0.0 64.2
125 36.5 0.0 28.8

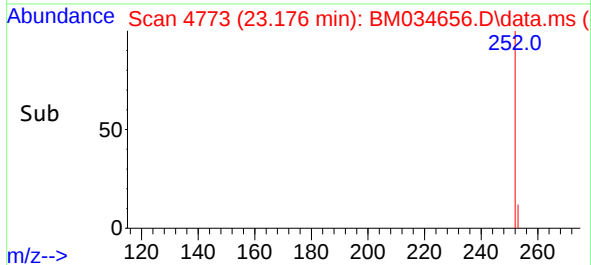
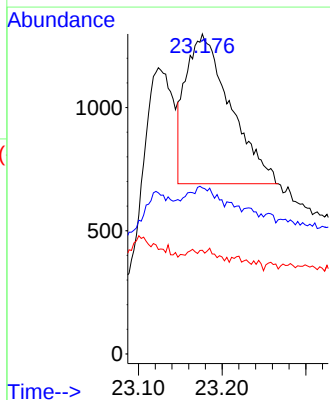
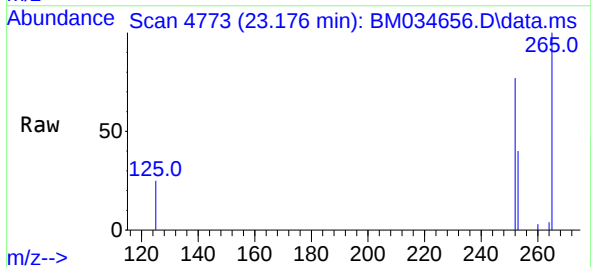
Manual Integrations
APPROVED

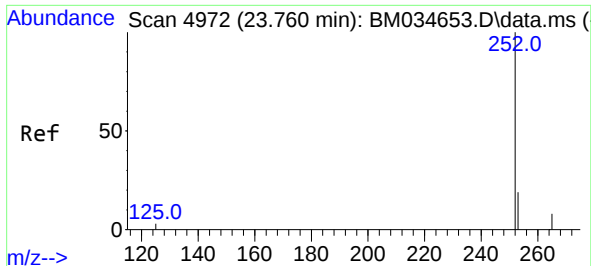
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.176 min Scan# 4773
Delta R.T. 0.007 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

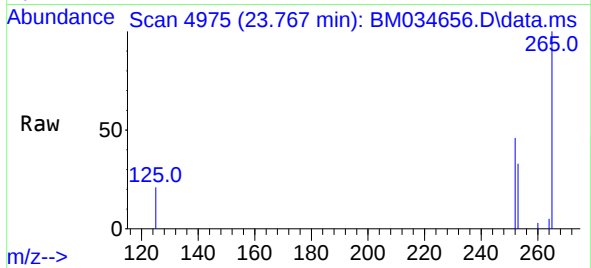
Tgt Ion:252 Resp: 2245
Ion Ratio Lower Upper
252 100
253 51.9 26.8 40.2#
125 32.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.379 ng/u1
RT: 23.767 min Scan# 4975
Delta R.T. 0.013 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43

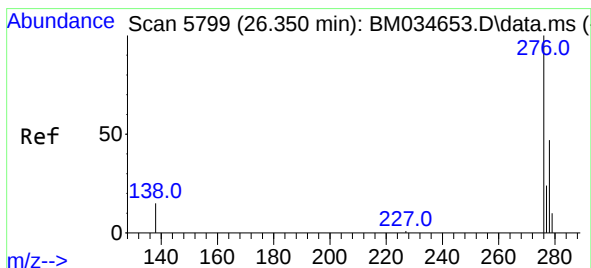
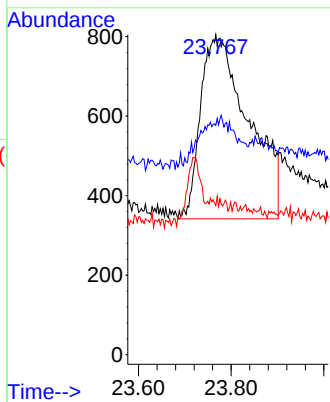
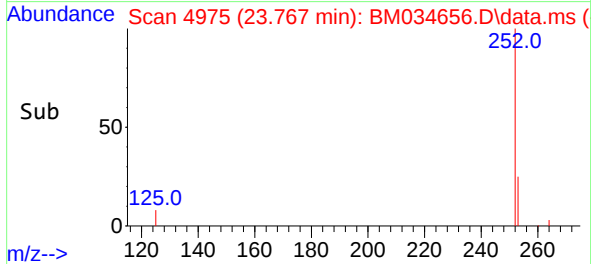
Instrument :
BNA_M
ClientSampleId :
SLCS977



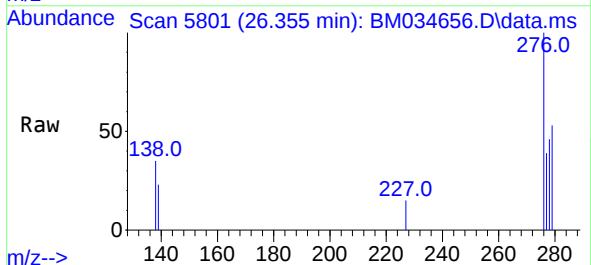
Tgt Ion:252 Resp: 3318
Ion Ratio Lower Upper
252 100
253 71.7 32.0 48.0#
125 46.6 14.5 21.7#

Manual Integrations
APPROVED

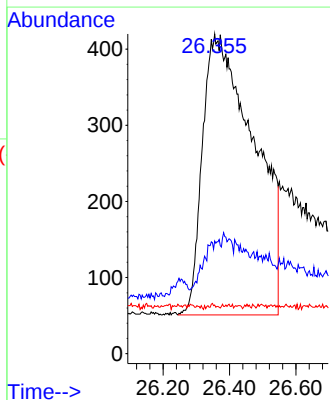
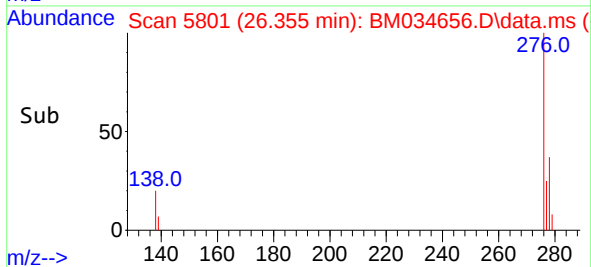
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

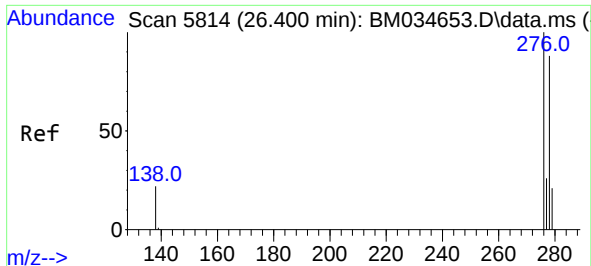


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/u1
RT: 26.355 min Scan# 5801
Delta R.T. 0.008 min
Lab File: BM034656.D
Acq: 13 Apr 2022 14:43



Tgt Ion:276 Resp: 3967
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.342 ng/ul

RT: 26.405 min Scan# 5814

Delta R.T. 0.019 min

Lab File: BM034656.D

Acq: 13 Apr 2022 14:43

Instrument :

BNA_M

ClientSampleId :

SLCS977

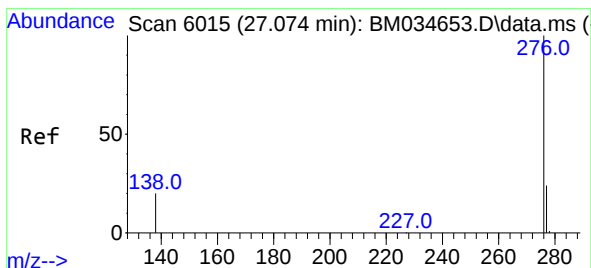
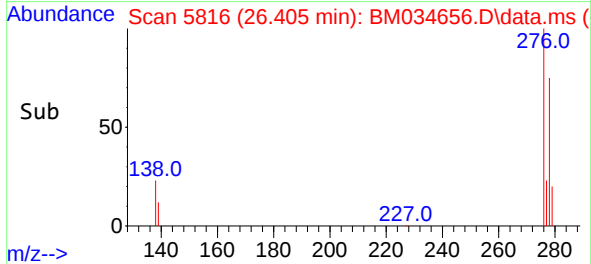
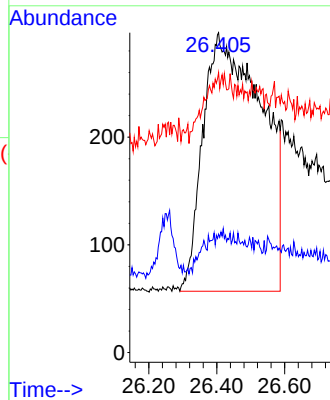
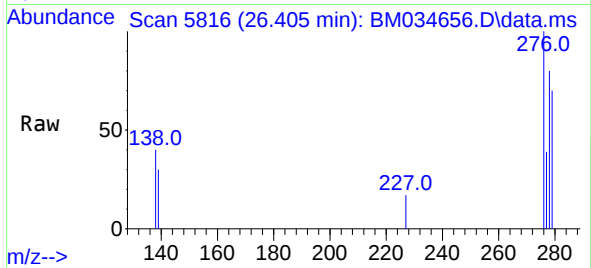
Tgt Ion:278 Resp: 287

Ion	Ratio	Lower	Upper
278	100		
139	37.0	18.0	27.0
279	87.5	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#29

Benzo(g,h,i)perylene

Concen: 0.372 ng/ul

RT: 27.093 min Scan# 6021

Delta R.T. -0.002 min

Lab File: BM034656.D

Acq: 13 Apr 2022 14:43

Tgt Ion:276 Resp: 4711

Ion	Ratio	Lower	Upper
276	100		
138	29.9	17.4	26.0
277	32.0	22.6	33.8

