

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034438.D
 Acq On : 30 Mar 2022 10:50
 Operator : CG/JU
 Sample : PB143578BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS578

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 02:20:20 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

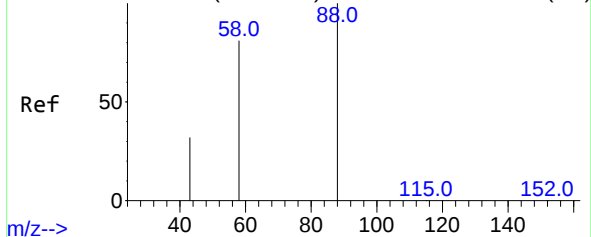
QLast Update : Mon Mar 28 18:27:40 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	1937	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	6205	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	2796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4438	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	4076	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4406	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2815	0.977	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	3249	0.388	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	6230	0.490	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	7494	2.355	ng/ul#	81
5) Naphthalene	10.807	128	6757	0.376	ng/ul	92
7) 2-Methylnaphthalene	12.434	142	3680	0.335	ng/ul	97
8) 1-Methylnaphthalene	12.638	142	3790	0.345	ng/ul	97
10) Acenaphthylene	14.301	152	6094	0.453	ng/ul#	93
11) Acenaphthene	14.638	153	4322	0.422	ng/ul	96
12) Fluorene	15.638	166	4349	0.398	ng/ul	99
14) Pentachlorophenol	16.995	266	1295	0.724	ng/ul	98
15) Phenanthrene	17.371	178	6088	0.429	ng/ul	99
16) Anthracene	17.468	178	4594	0.369	ng/ul	99
19) Fluoranthene	19.380	202	7801	0.425	ng/ul	99
20) Pyrene	19.738	202	9203	0.454	ng/ul	95
21) Benzo(a)anthracene	21.492	228	4297m	0.337	ng/ul	
22) Chrysene	21.536	228	6053	0.415	ng/ul	98
24) Benzo(b)fluoranthene	23.173	252	5935m	0.390	ng/ul	
25) Benzo(k)fluoranthene	23.219	252	5691	0.386	ng/ul#	84
26) Benzo(a)pyrene	23.801	252	7356	0.466	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.431	276	8739	0.424	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.458	278	6430	0.417	ng/ul#	78
29) Benzo(g,h,i)perylene	27.189	276	9409	0.473	ng/ul	98

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

Abundance Scan 38 (3.343 min): BM034431.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 2.355 ng/ul

RT: 3.343 min Scan# 38

Delta R.T. 0.000 min

Lab File: BM034438.D

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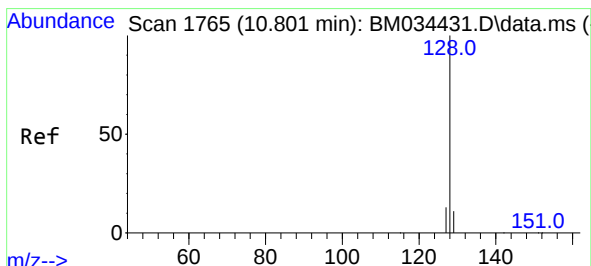
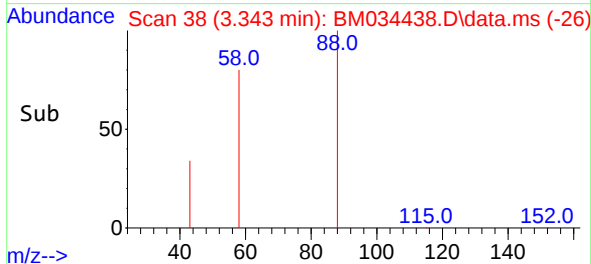
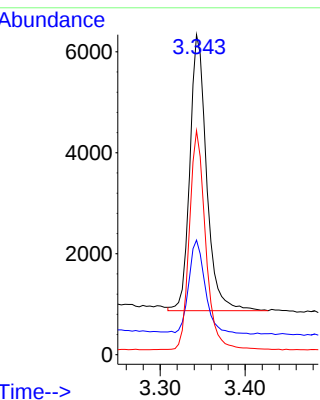
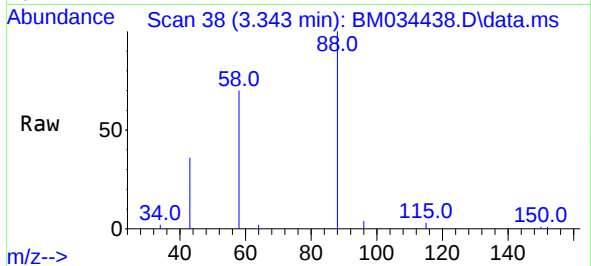
Tgt Ion: 88 Resp: 7494

Ion	Ratio	Lower	Upper
88	100		
43	35.8	49.7	74.5
58	70.0	52.5	78.7

Manual Integrations

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Supervised By :Yogesh Patel 04/02/2022



#5

Naphthalene

Concen: 0.376 ng/ul

RT: 10.807 min Scan# 1766

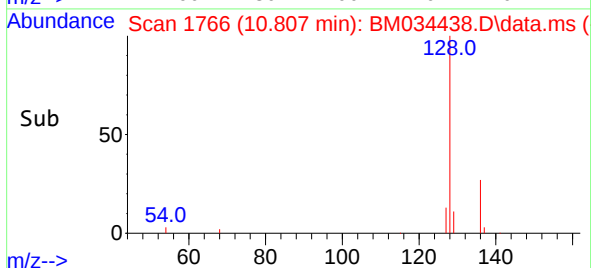
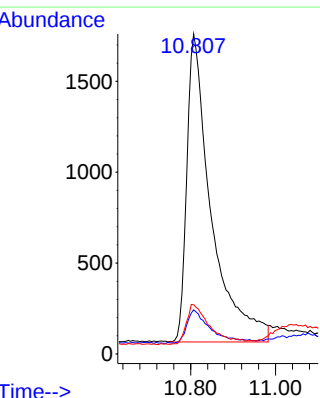
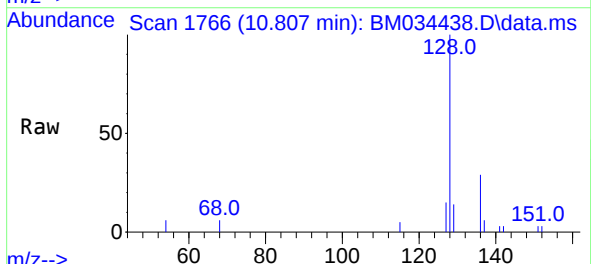
Delta R.T. 0.006 min

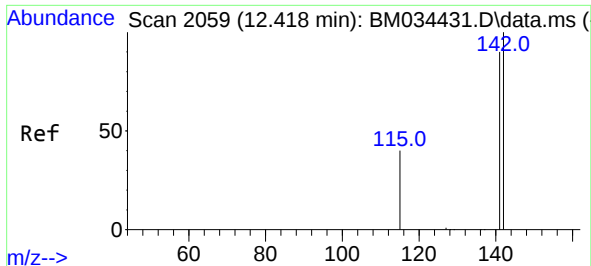
Lab File: BM034438.D

Acq: 30 Mar 2022 10:50

Tgt Ion:128 Resp: 6757

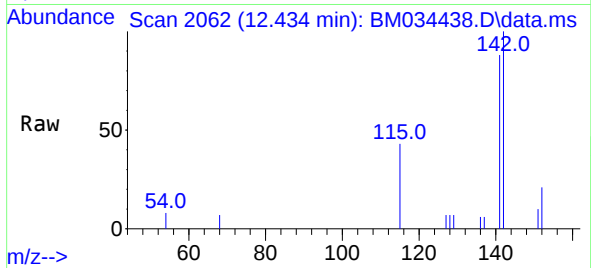
Ion	Ratio	Lower	Upper
128	100		
129	13.8	13.4	20.2
127	15.4	15.2	22.8





#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. 0.017 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

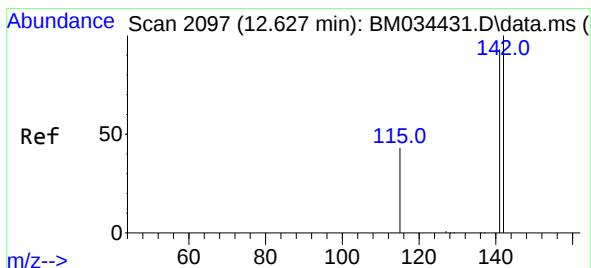
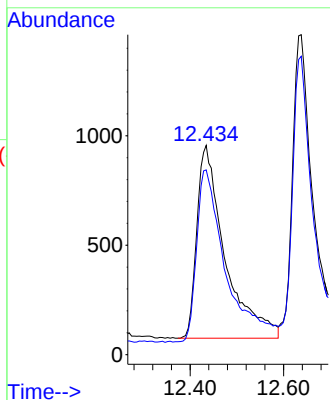
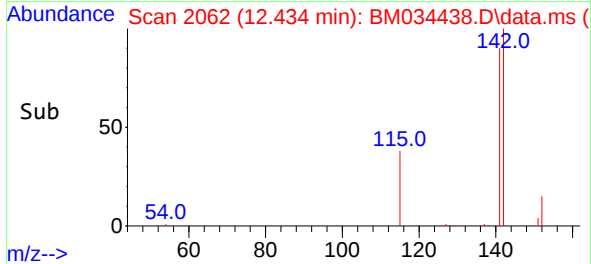
Instrument :
BNA_M
ClientSampleId :
SLCS578



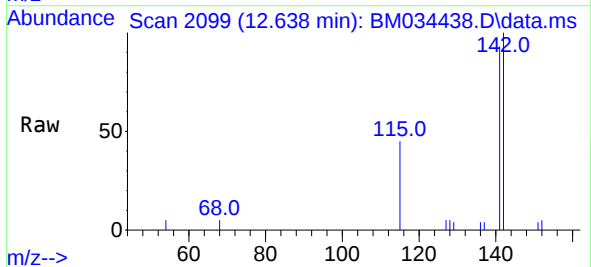
Tgt Ion:142 Resp: 3680
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.6

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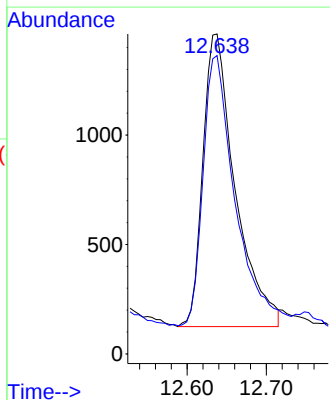
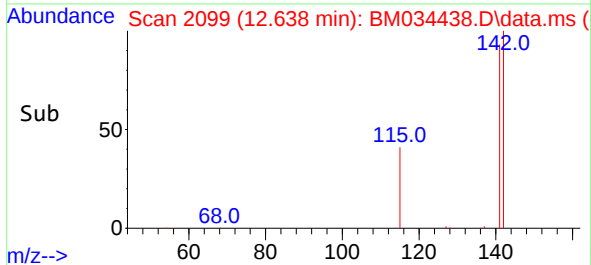
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

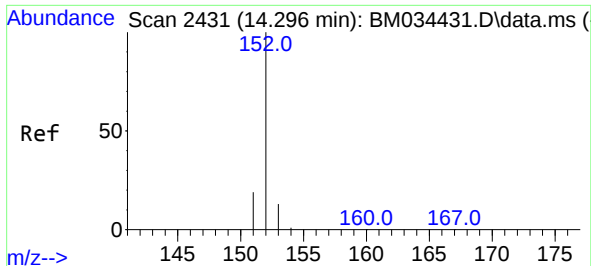


#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50



Tgt Ion:142 Resp: 3790
Ion Ratio Lower Upper
142 100
141 90.4 75.0 112.4





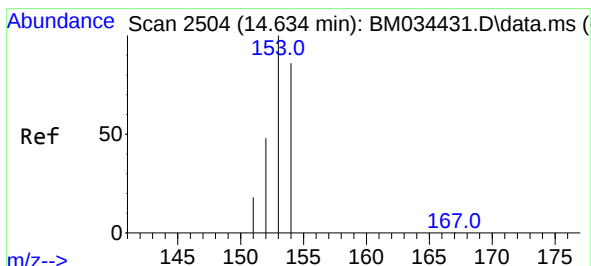
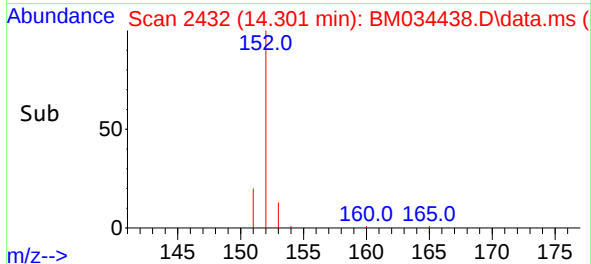
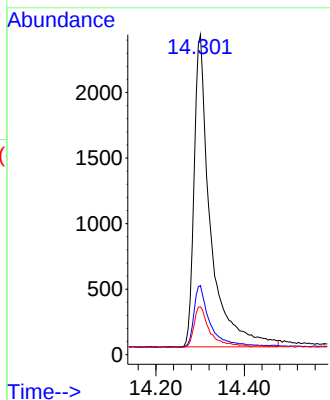
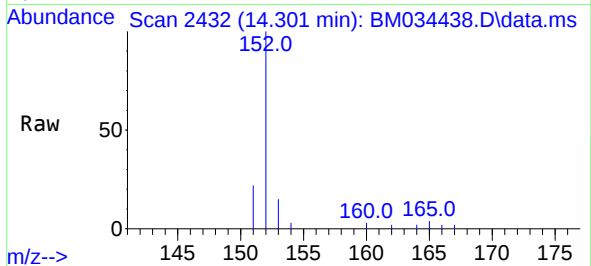
#10
Acenaphthylene
Concen: 0.453 ng/u1
RT: 14.301 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 6094
Ion Ratio Lower Upper
152 100
151 21.6 19.9 29.9
153 15.0 15.0 22.4

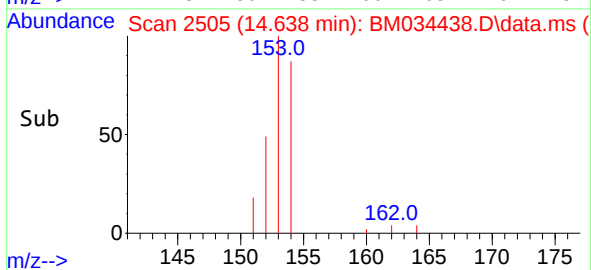
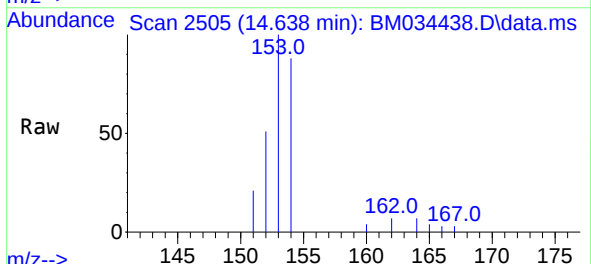
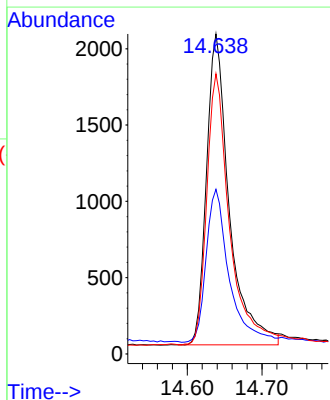
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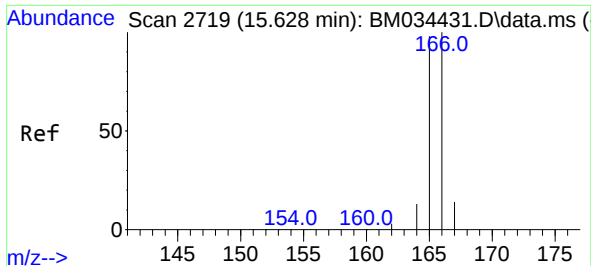
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.422 ng/u1
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

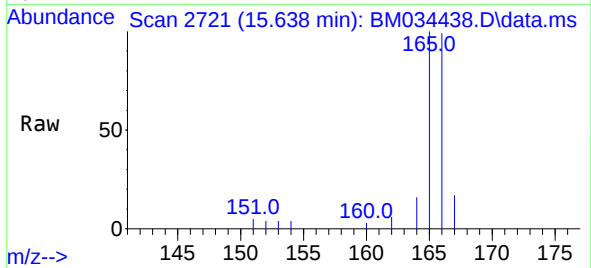
Tgt Ion:153 Resp: 4322
Ion Ratio Lower Upper
153 100
152 51.5 42.4 63.6
154 87.6 66.2 99.2





#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.638 min Scan# 2719
Delta R.T. 0.009 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

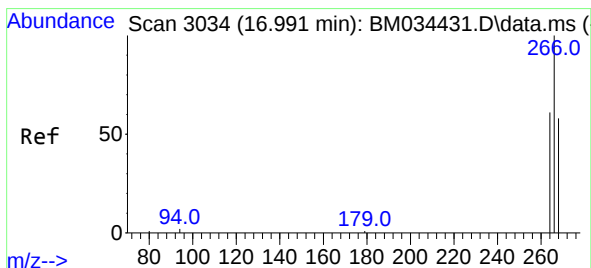
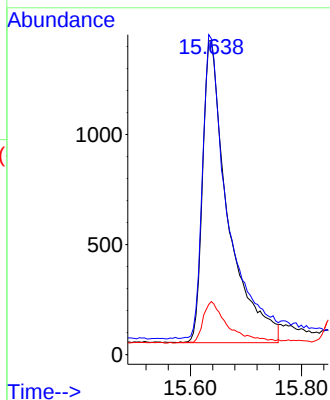
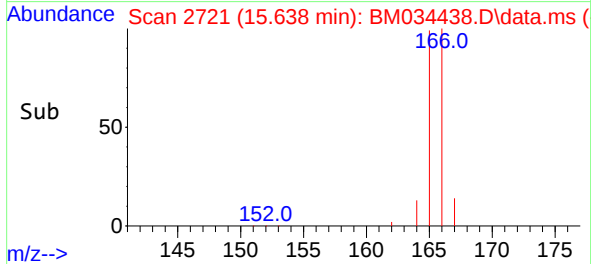
Instrument :
BNA_M
ClientSampleId :
SLCS578



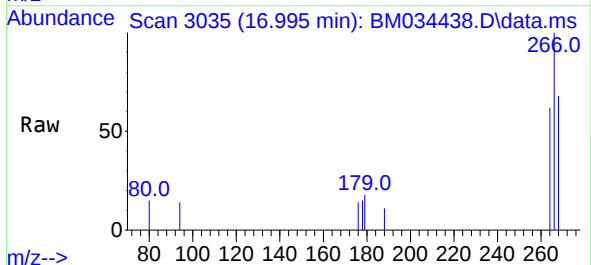
Tgt Ion:166 Resp: 4349
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 16.9 14.9 22.3

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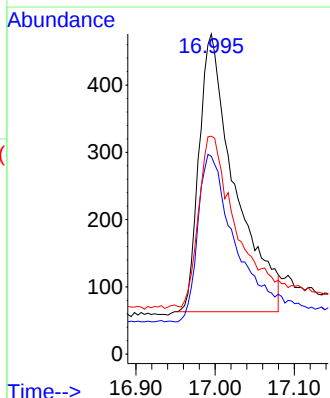
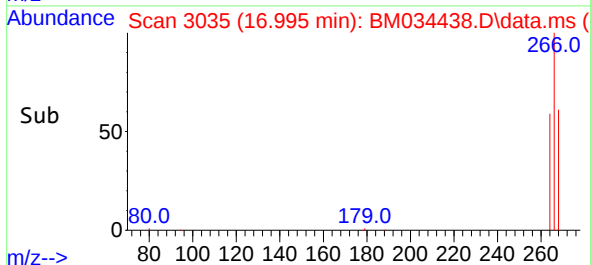
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

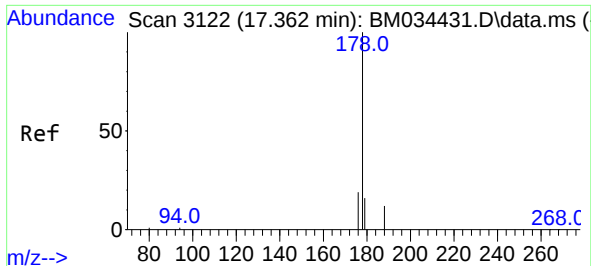


#14
Pentachlorophenol
Concen: 0.724 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50



Tgt Ion:266 Resp: 1295
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.3 53.1 79.7





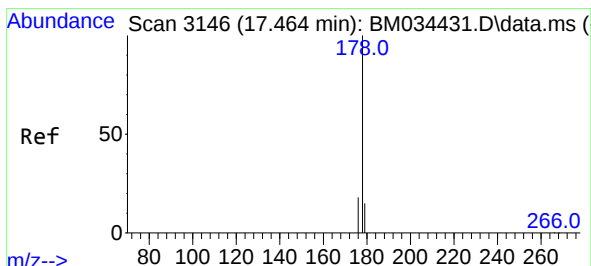
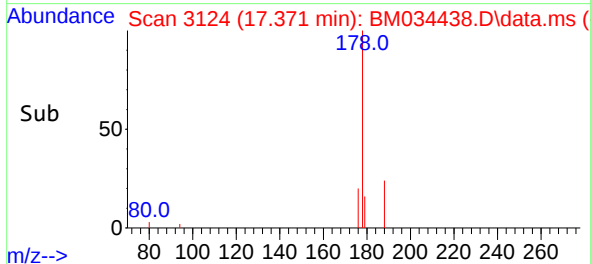
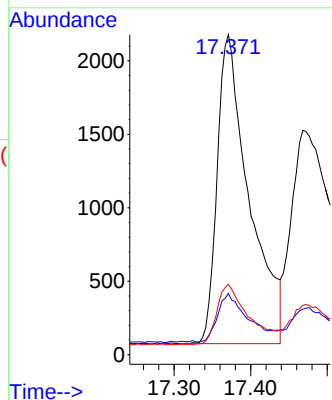
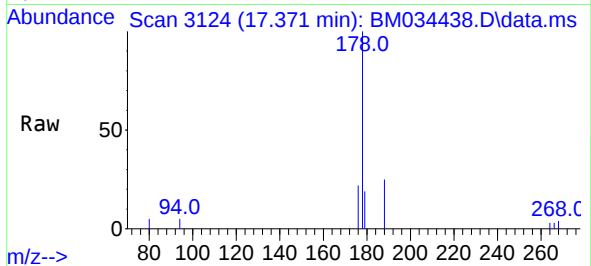
#15
Phenanthrene
Concen: 0.429 ng/u1
RT: 17.371 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SLCS578

Tgt Ion:178 Resp: 6088
Ion Ratio Lower Upper
178 100
179 19.1 15.0 22.6
176 22.0 17.9 26.9

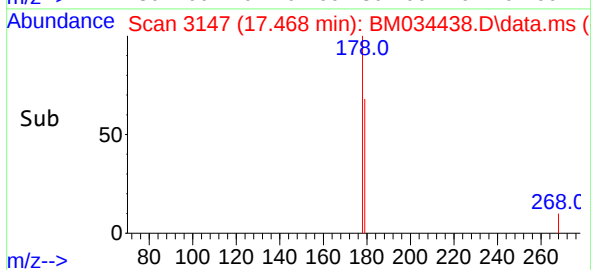
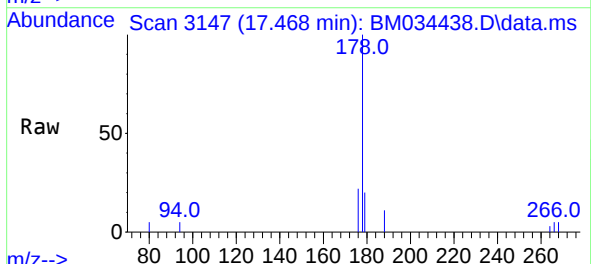
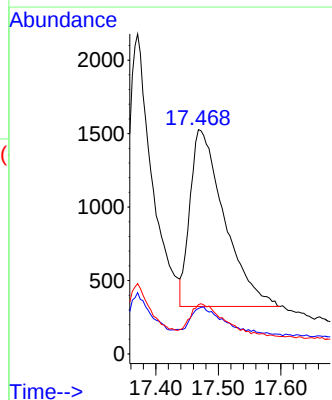
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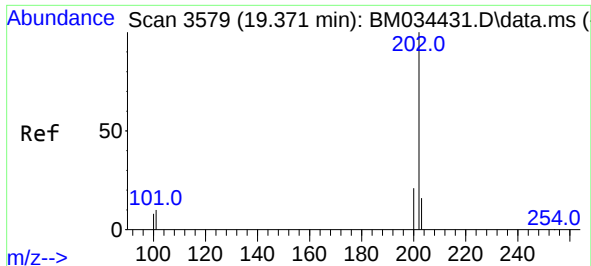
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.369 ng/u1
RT: 17.468 min Scan# 3147
Delta R.T. 0.009 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Tgt Ion:178 Resp: 4594
Ion Ratio Lower Upper
178 100
179 20.3 16.5 24.7
176 22.0 18.3 27.5





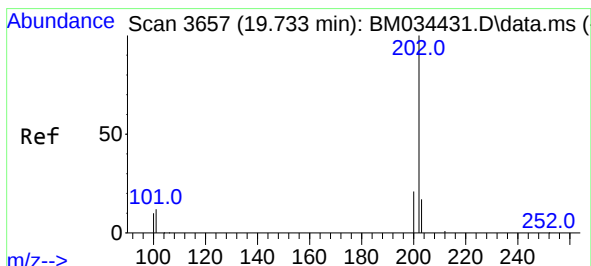
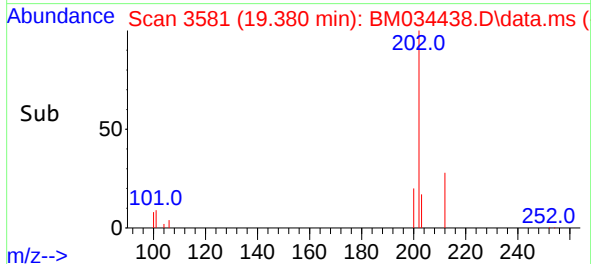
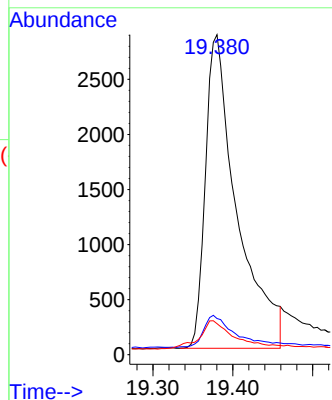
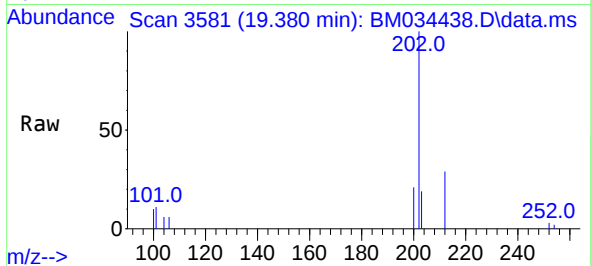
#19
Fluoranthene
Concen: 0.425 ng/u1
RT: 19.380 min Scan# 3581
Delta R.T. 0.005 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SLCS578

Tgt Ion:202 Resp: 780
Ion Ratio Lower Upper
202 100
101 11.3 9.2 13.8
100 9.7 7.2 10.8

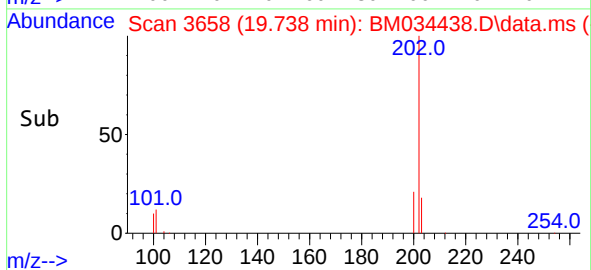
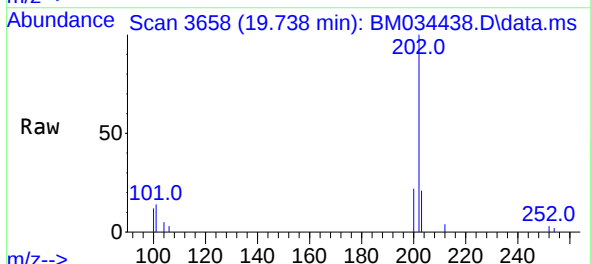
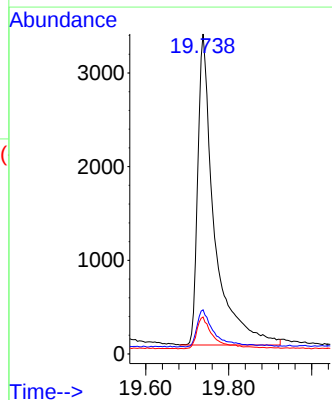
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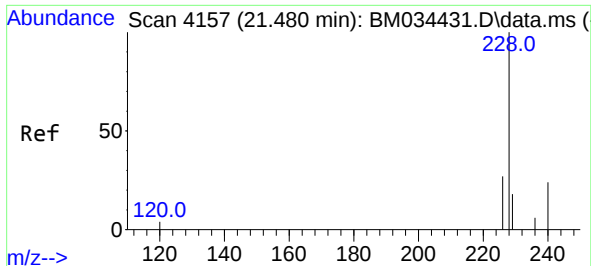
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.454 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

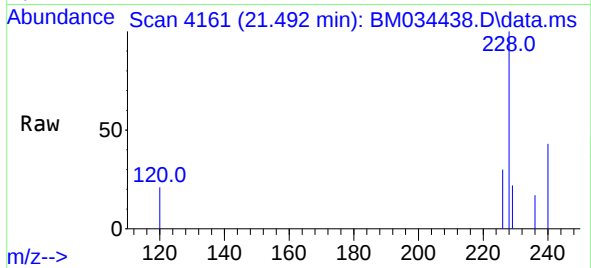
Tgt Ion:202 Resp: 9203
Ion Ratio Lower Upper
202 100
101 13.8 9.3 13.9
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.337 ng/ul m
RT: 21.492 min Scan# 4157
Delta R.T. 0.006 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

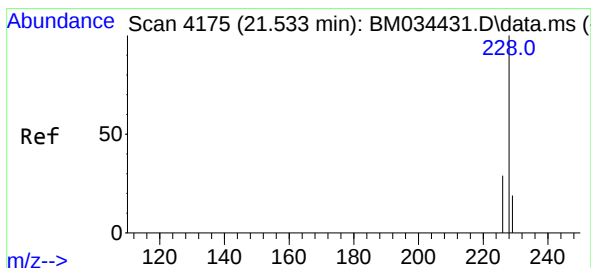
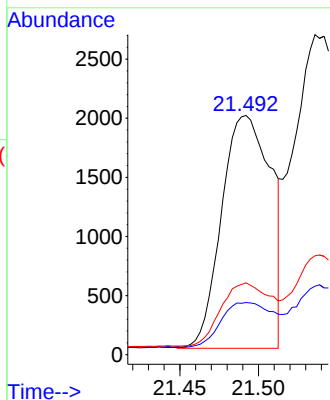
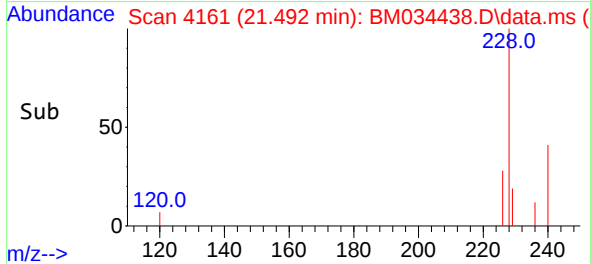
Instrument :
BNA_M
ClientSampleId :
SLCS578



Tgt Ion:228 Resp: 429
Ion Ratio Lower Upper
228 100
229 21.8 17.3 25.9
226 30.1 23.2 34.8

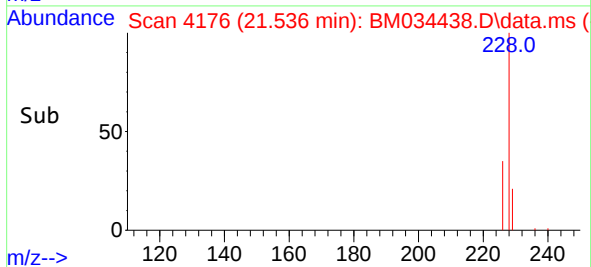
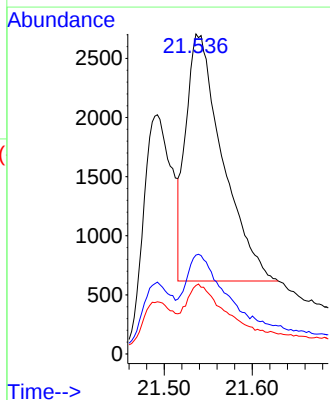
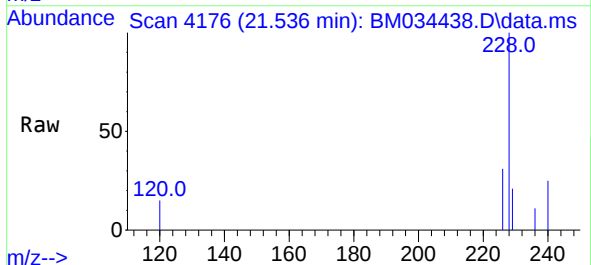
Manual Integrations
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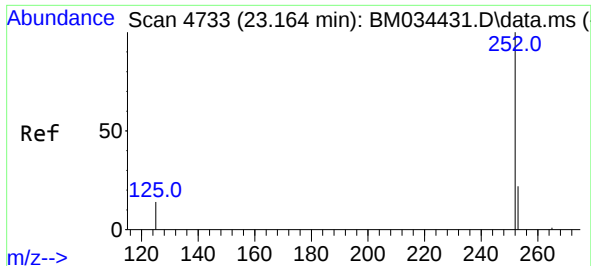
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Tgt Ion:228 Resp: 6053
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.4 16.7 25.1





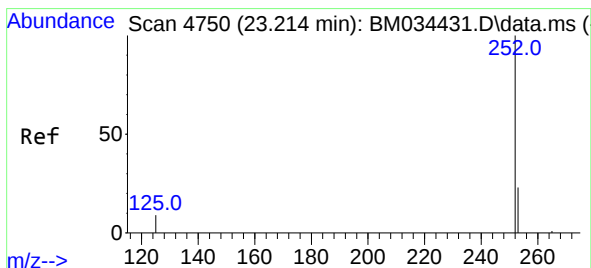
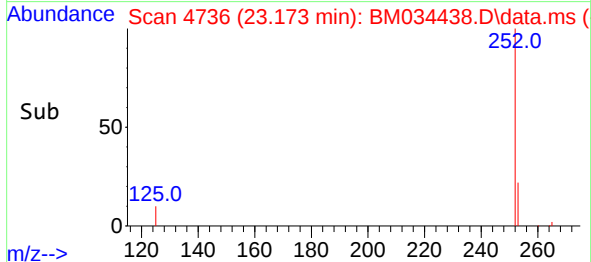
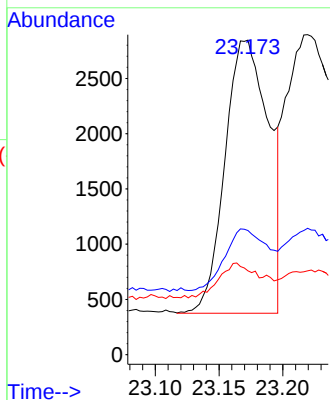
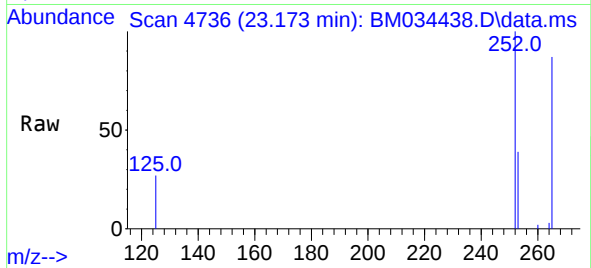
#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

Instrument :
BNA_M
ClientSampleId :
SLCS578

Tgt Ion:252 Resp: 5938
Ion Ratio Lower Upper
252 100
253 39.5 0.0 64.2
125 26.6 0.0 28.8

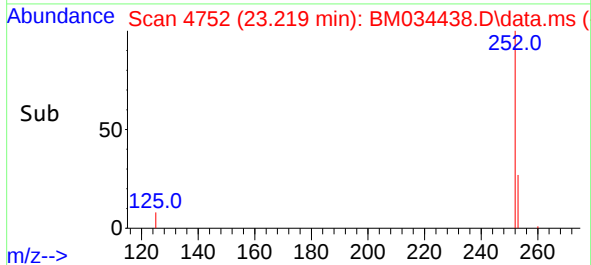
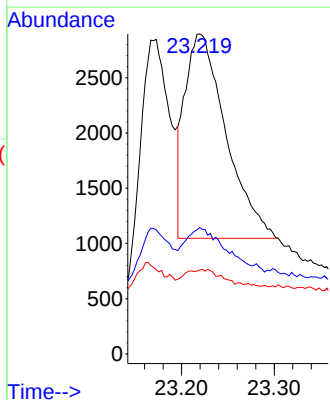
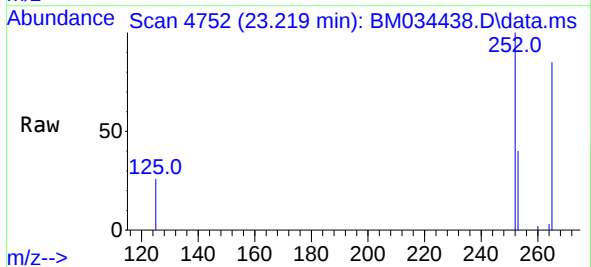
Manual Integrations
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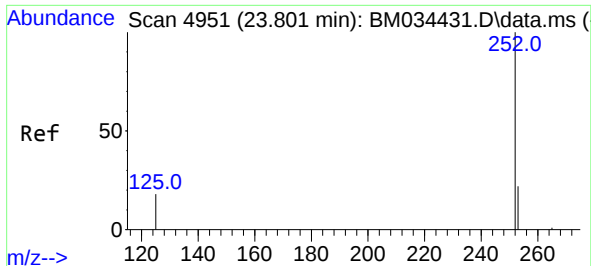
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

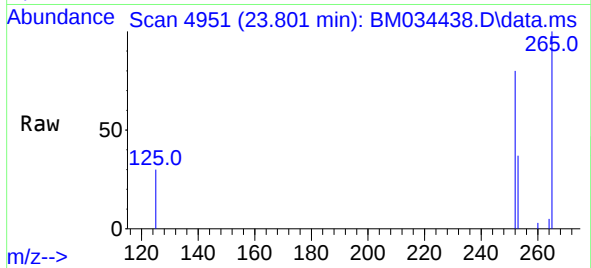
Tgt Ion:252 Resp: 5691
Ion Ratio Lower Upper
252 100
253 39.5 26.8 40.2
125 26.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.466 ng/u1
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

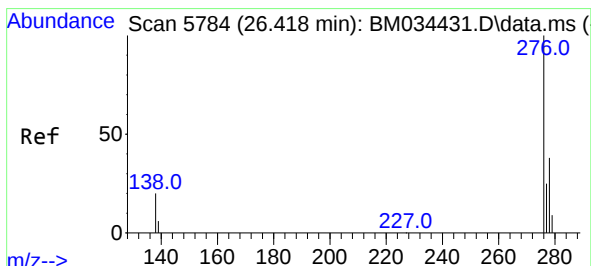
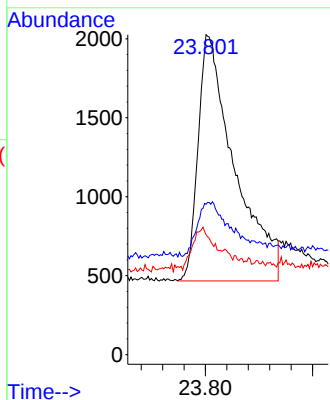
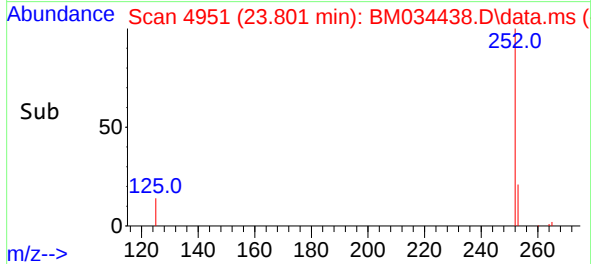
Instrument :
BNA_M
ClientSampleId :
SLCS578



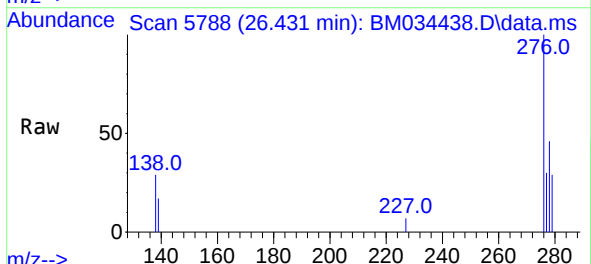
Tgt Ion:252 Resp: 7350
Ion Ratio Lower Upper
252 100
253 47.0 32.0 48.0
125 37.5 14.5 21.7

Manual Integrations
APPROVED

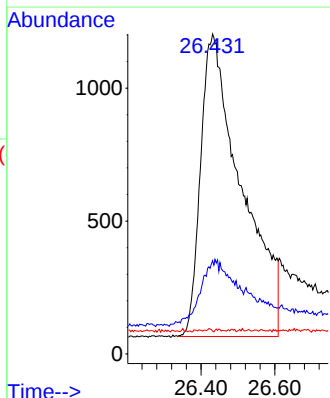
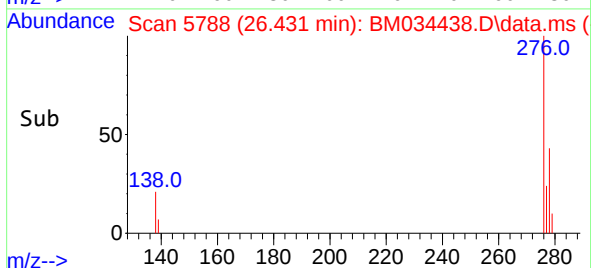
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

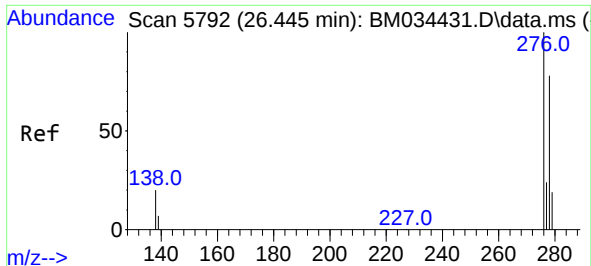


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/u1
RT: 26.431 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50



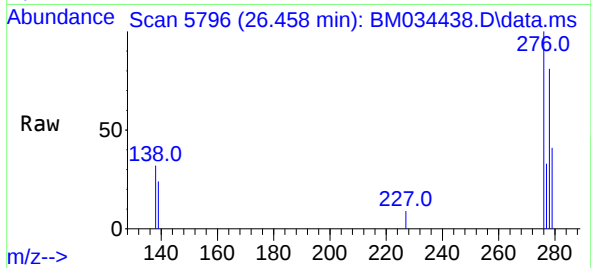
Tgt Ion:276 Resp: 8739
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50

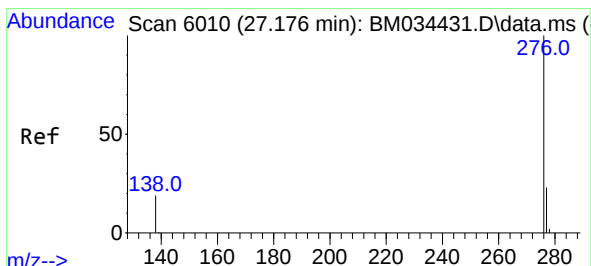
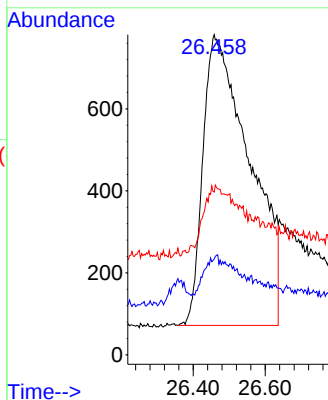
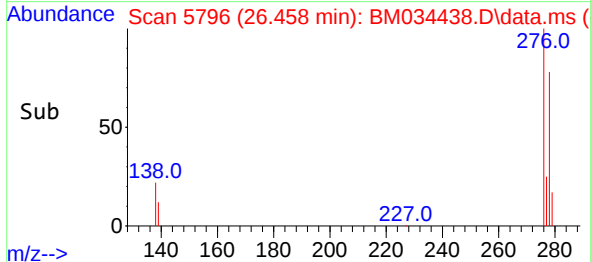
Instrument :
BNA_M
ClientSampleId :
SLCS578



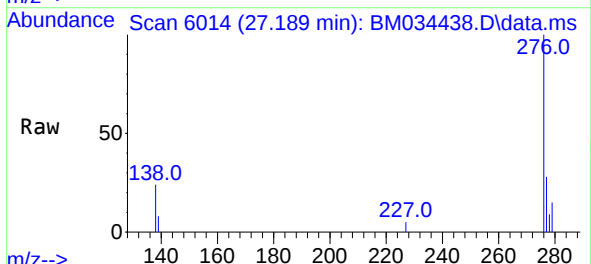
Tgt Ion:278 Resp: 6430
Ion Ratio Lower Upper
278 100
139 30.0 18.0 27.0
279 50.8 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.189 min Scan# 6014
Delta R.T. -0.017 min
Lab File: BM034438.D
Acq: 30 Mar 2022 10:50



Tgt Ion:276 Resp: 9409
Ion Ratio Lower Upper
276 100
138 24.0 17.4 26.0
277 28.2 22.6 33.8

