

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040017.D
 Acq On : 26 May 2023 00:19
 Operator : CG/JU
 Sample : 02861-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FM2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 26 01:40:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	9034	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	32376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.650	164	17083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	30420	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	15926	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	15208	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	60089	5.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.410	152	14520	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	23424	0.489	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.876	128	10938	0.138	ng/ul	98
7) 2-Methylnaphthalene	12.481	142	18772	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.701	142	12892	0.260	ng/ul	100
10) Acenaphthylene	14.368	152	18457	0.271	ng/ul	99
11) Acenaphthene	14.710	153	14860	0.268	ng/ul	99
12) Fluorene	15.695	166	27016	0.468	ng/ul	99
14) Pentachlorophenol	17.040	266	1307	0.212	ng/ul	98
15) Phenanthrene	17.432	178	40770	0.473	ng/ul	100
16) Anthracene	17.525	178	38408	0.531	ng/ul	100
19) Fluoranthene	19.443	202	35608	0.497	ng/ul	97
20) Pyrene	19.806	202	41116m	0.566	ng/ul	
21) Benzo(a)anthracene	21.551	228	17226	0.321	ng/ul	99
22) Chrysene	21.604	228	16249	0.285	ng/ul	100
24) Benzo(b)fluoranthene	23.264	252	16422	0.272	ng/ul	92
25) Benzo(k)fluoranthene	23.314	252	14361	0.236	ng/ul#	94
26) Benzo(a)pyrene	23.904	252	13148	0.260	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.560	276	13734	0.189	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.580	278	10803	0.184	ng/ul	97
29) Benzo(g,h,i)perylene	27.341	276	11012	0.185	ng/ul	99

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

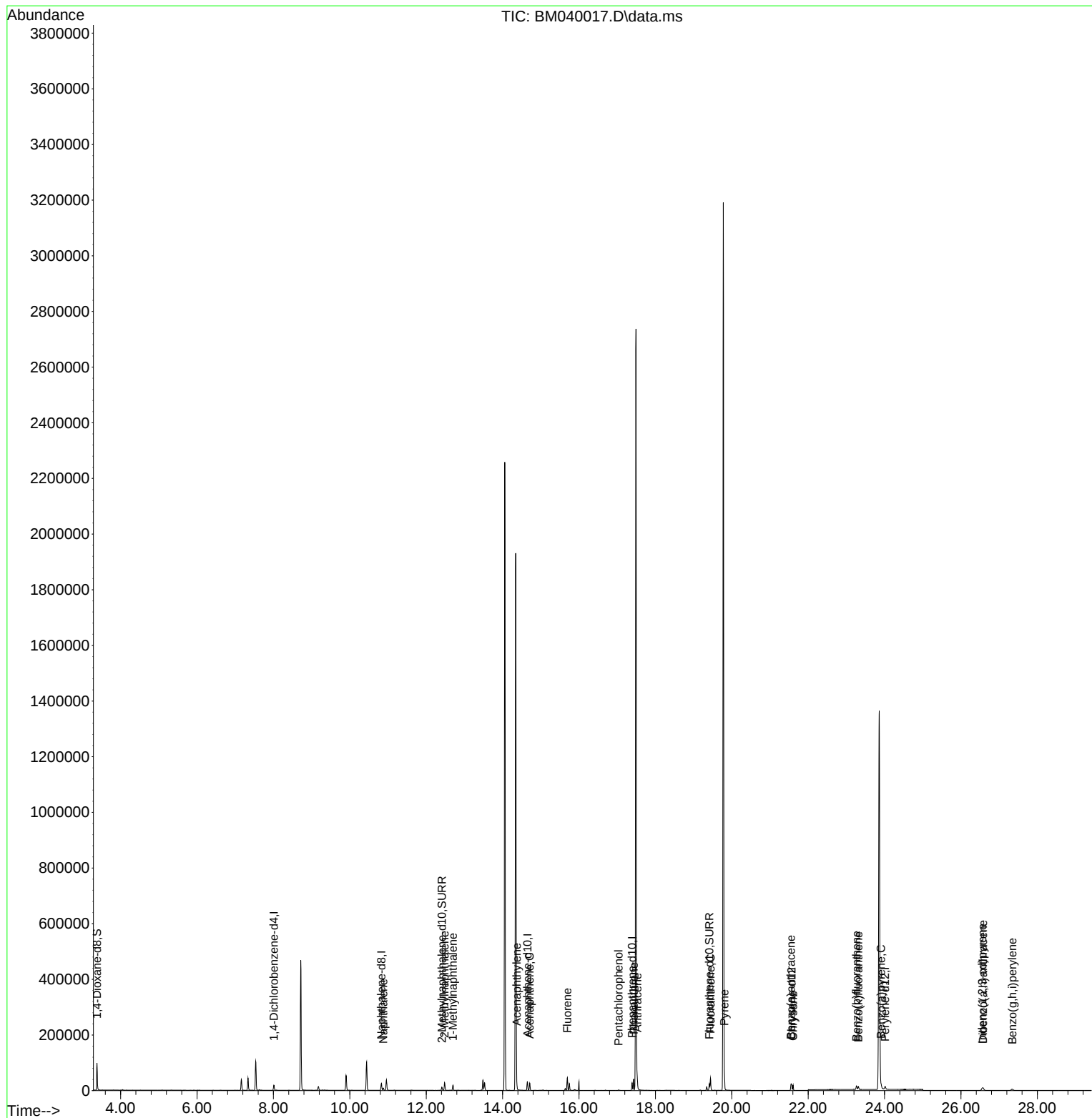
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040017.D
Acq On : 26 May 2023 00:19
Operator : CG/JU
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ALS Vial : 22 Sample Multiplier: 1

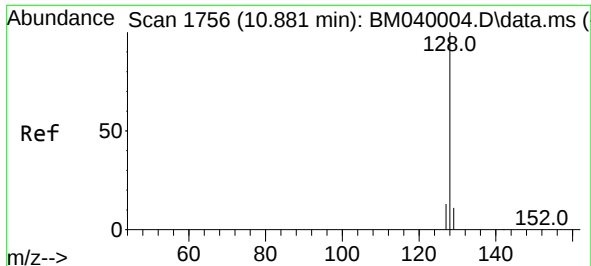
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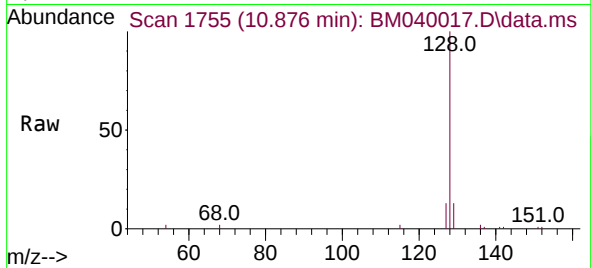
Quant Time: May 26 01:40:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.876 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

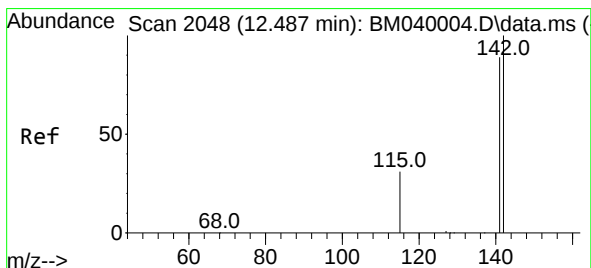
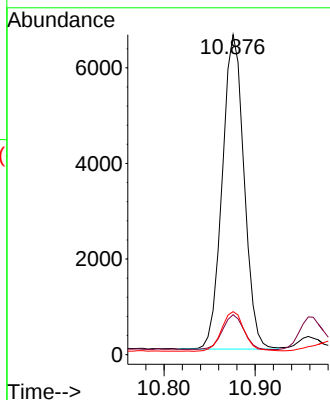
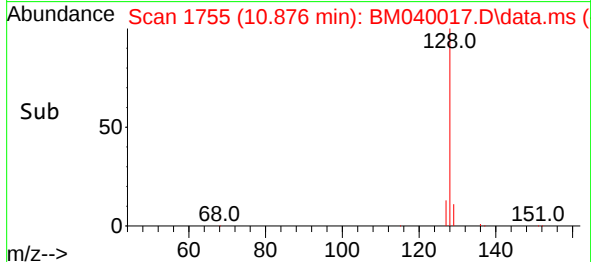
Instrument :
BNA_M
ClientSampleId :
H0FM2



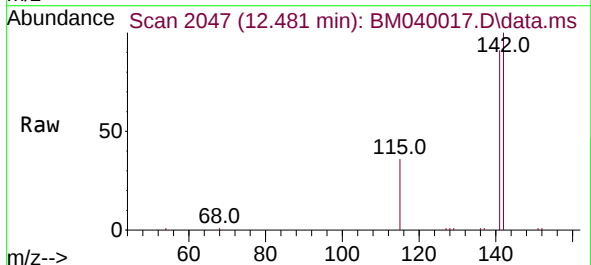
Tgt Ion:128 Resp: 10938
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 13.4 10.5 15.7

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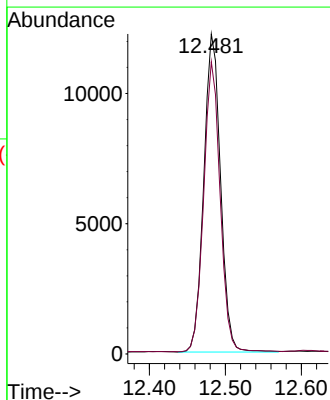
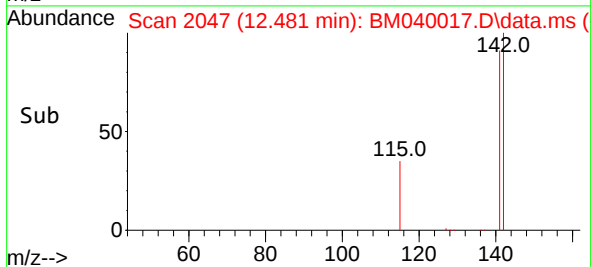
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

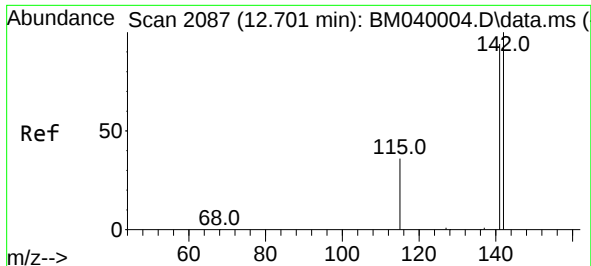


#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.481 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



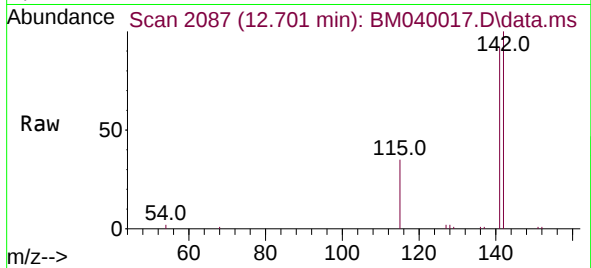
Tgt Ion:142 Resp: 18772
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9





#8
1-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.701 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

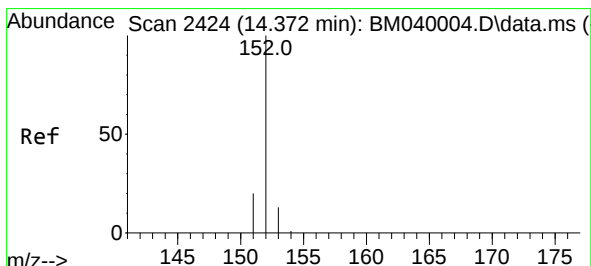
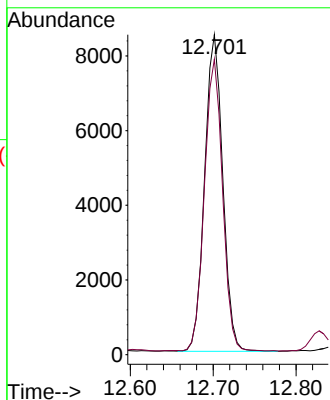
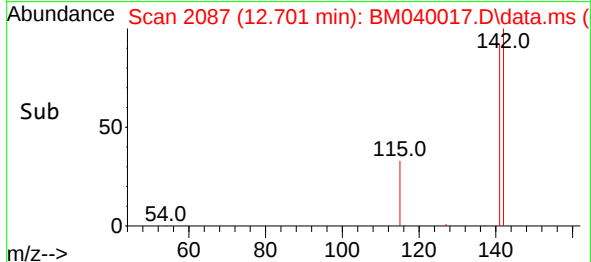
Instrument :
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Tgt Ion:142 Resp: 12892
Ion Ratio Lower Upper
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141 92.2 73.8 110.6

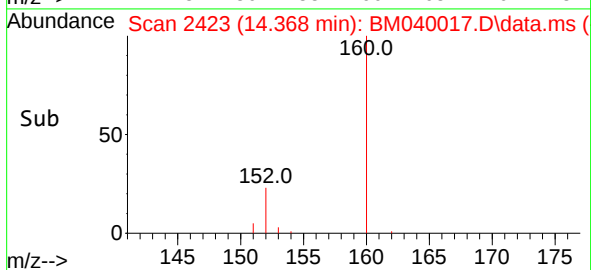
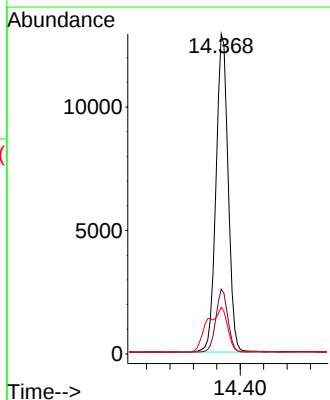
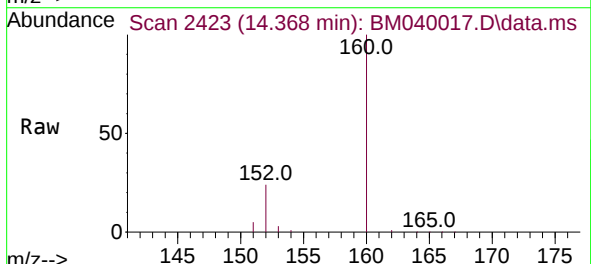
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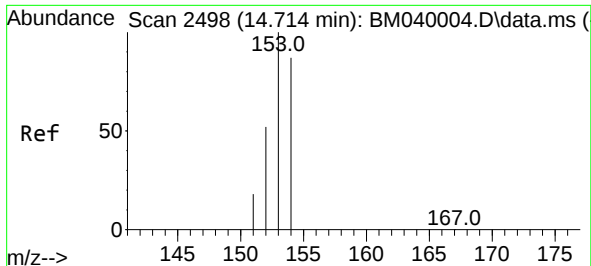
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.368 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

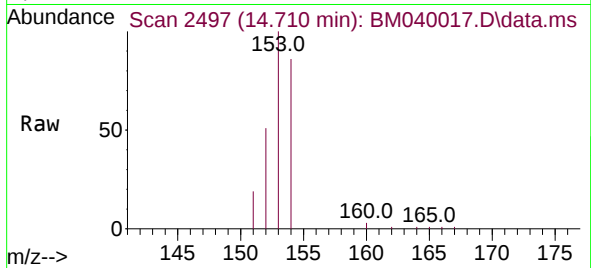
Tgt Ion:152 Resp: 18457
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.6 10.6 16.0





#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.710 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

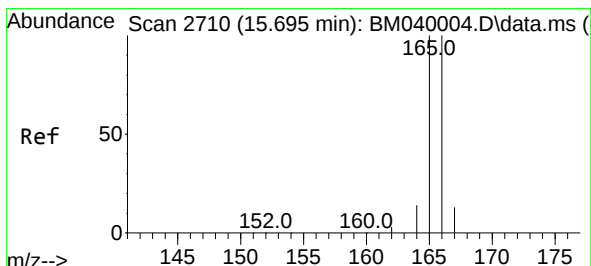
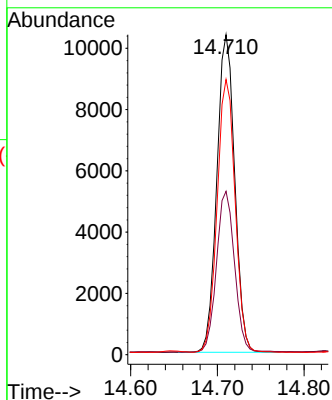
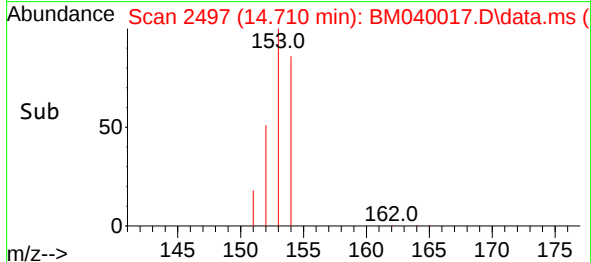
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 14860
Ion Ratio Lower Upper
153 100
152 51.1 42.0 63.0
154 86.0 69.4 104.2

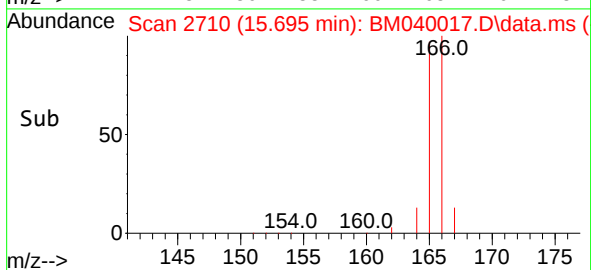
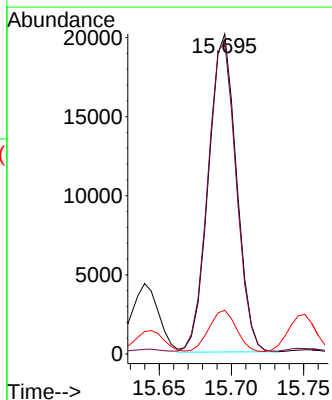
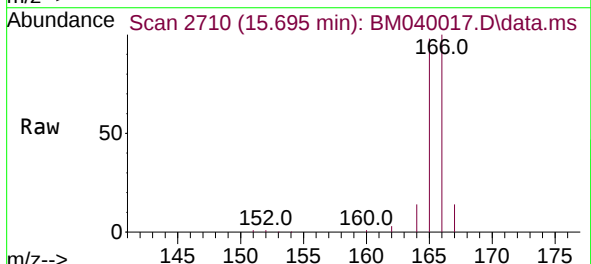
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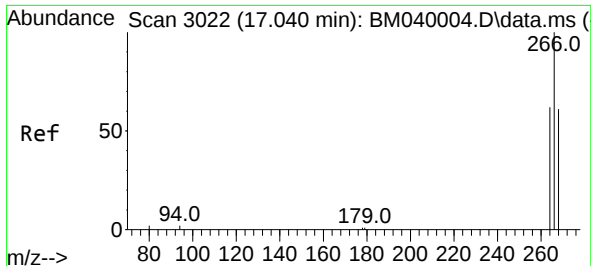
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
Fluorene
Concen: 0.468 ng/ul
RT: 15.695 min Scan# 2710
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

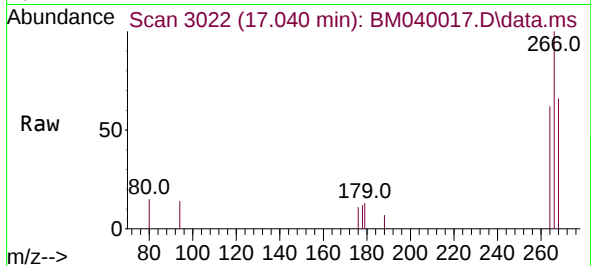
Tgt Ion:166 Resp: 27016
Ion Ratio Lower Upper
166 100
165 97.5 79.3 118.9
167 13.6 10.8 16.2





#14
Pentachlorophenol
Concen: 0.212 ng/ul
RT: 17.040 min Scan# 3022
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

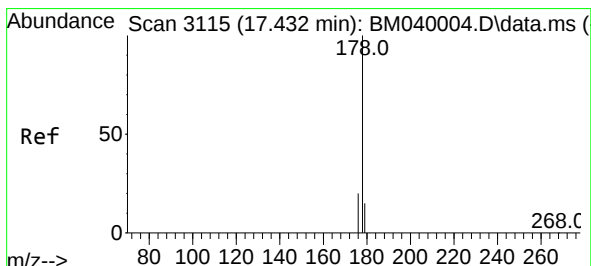
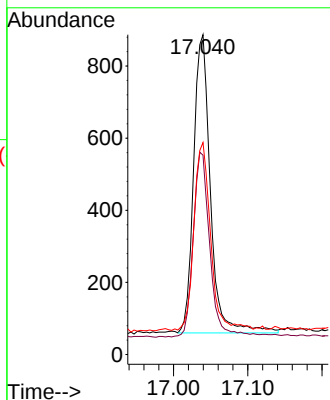
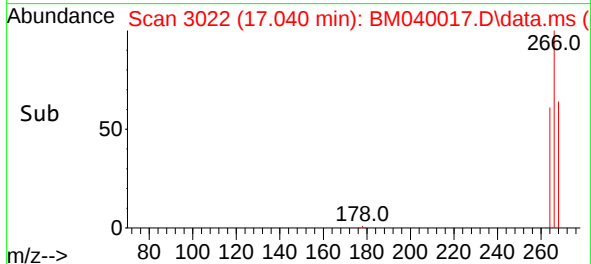
Instrument :
BNA_M
ClientSampleId :
H0FM2



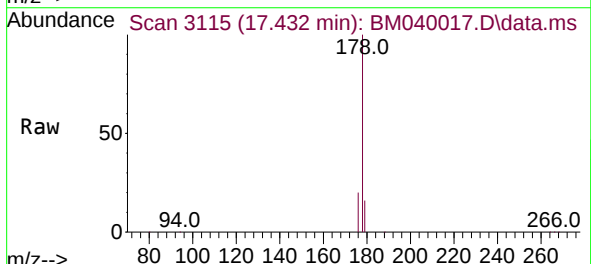
Tgt Ion:266 Resp: 1307
Ion Ratio Lower Upper
266 100
264 61.4 49.2 73.8
268 62.5 51.9 77.9

Manual Integrations
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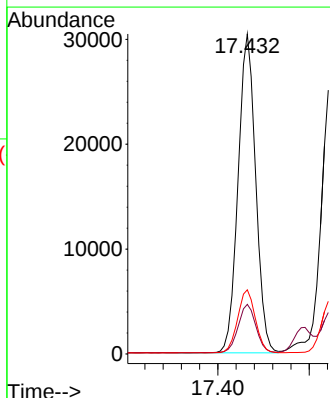
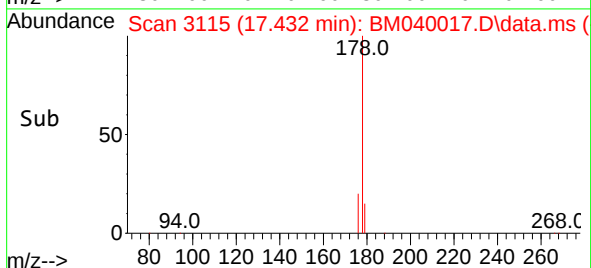
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

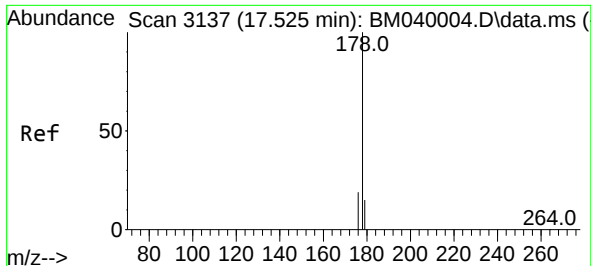


#15
Phenanthrene
Concen: 0.473 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



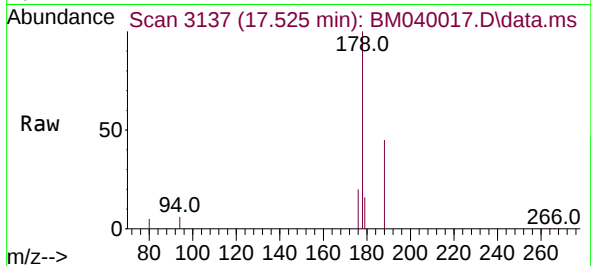
Tgt Ion:178 Resp: 40770
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.1 16.3 24.5





#16
 Anthracene
 Concen: 0.531 ng/ul
 RT: 17.525 min Scan# 3137
 Delta R.T. -0.001 min
 Lab File: BM040017.D
 Acq: 26 May 2023 00:19

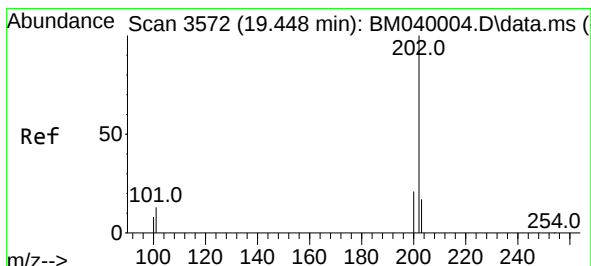
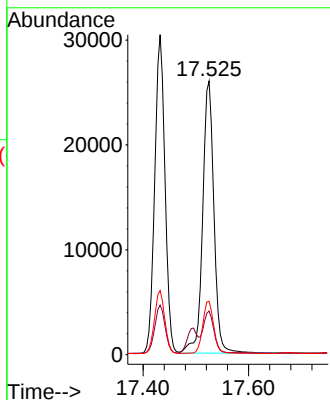
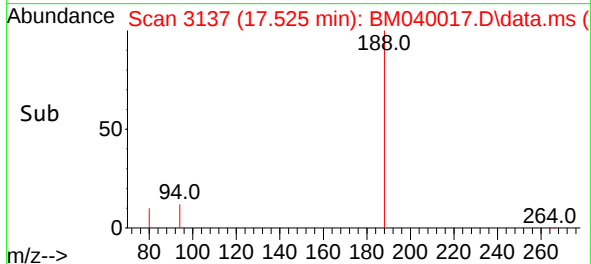
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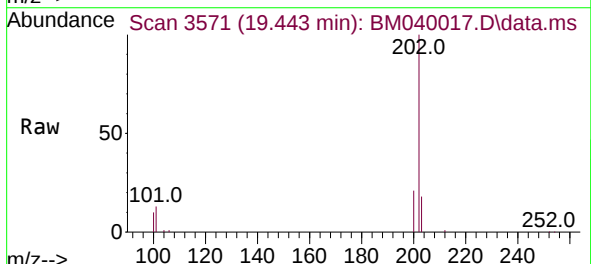
Tgt Ion:178 Resp: 38408
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 19.0
 176 19.5 15.5 23.3

Manual Integrations
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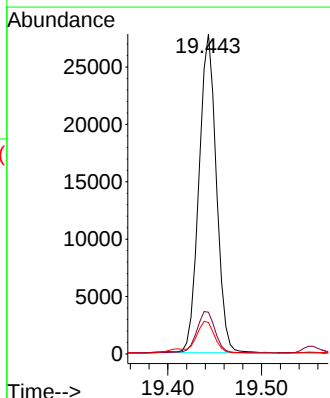
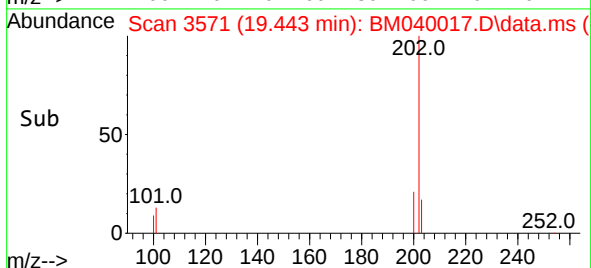
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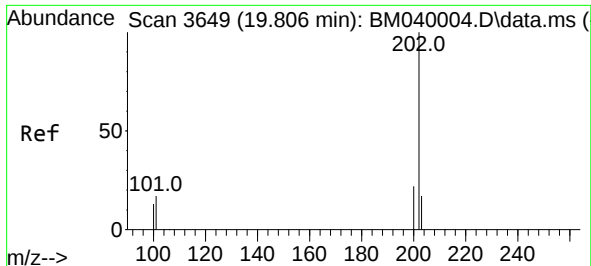


#19
 Fluoranthene
 Concen: 0.497 ng/ul
 RT: 19.443 min Scan# 3571
 Delta R.T. -0.001 min
 Lab File: BM040017.D
 Acq: 26 May 2023 00:19



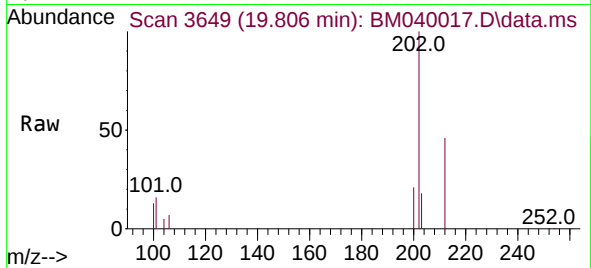
Tgt Ion:202 Resp: 35608
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.5 17.3
 100 9.8 8.5 12.7





#20
Pyrene
Concen: 0.566 ng/ul m
RT: 19.806 min Scan# 3649
Delta R.T. -0.001 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

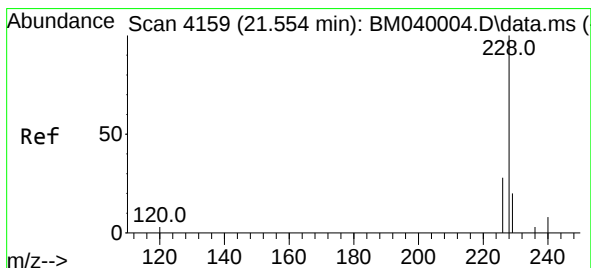
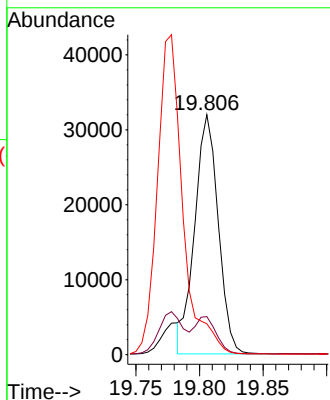
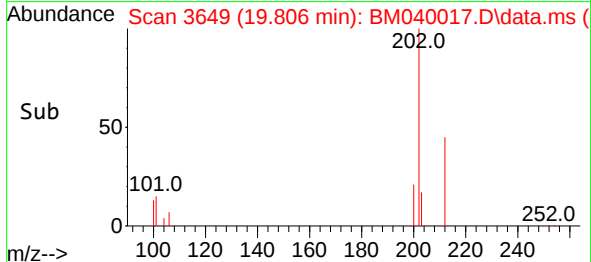
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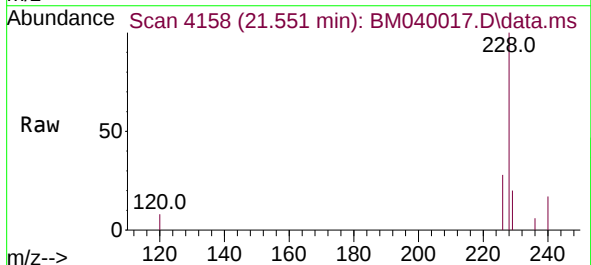
Tgt Ion:202 Resp: 41110
Ion Ratio Lower Upper
202 100
101 15.9 13.3 19.9
100 12.9 10.9 16.3

Manual Integrations
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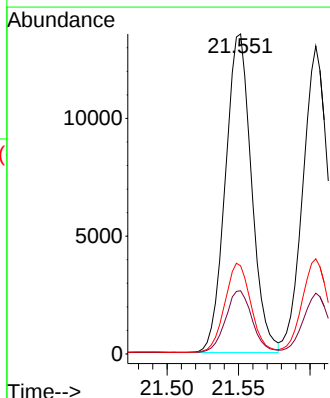
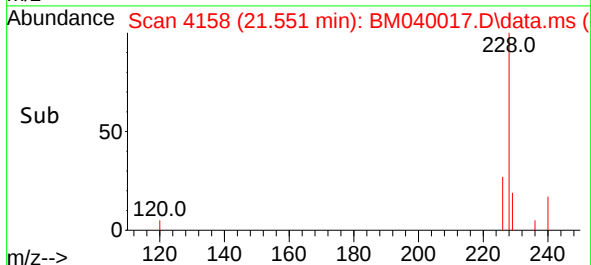
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

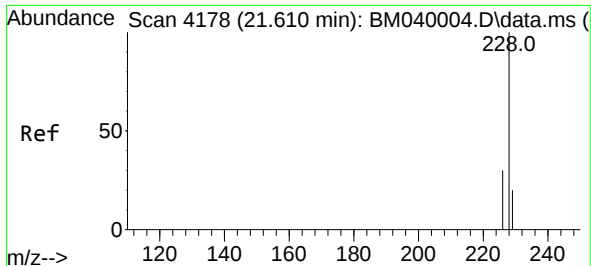


#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.551 min Scan# 4158
Delta R.T. -0.004 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



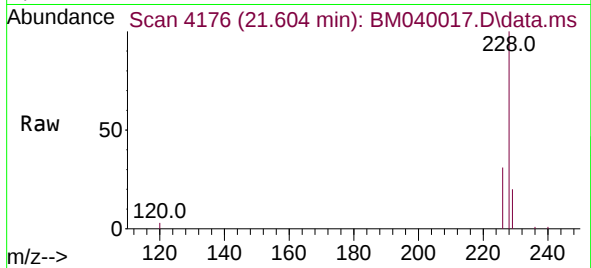
Tgt Ion:228 Resp: 17226
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.5 22.5 33.7





#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.604 min Scan# 4178
Delta R.T. -0.007 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

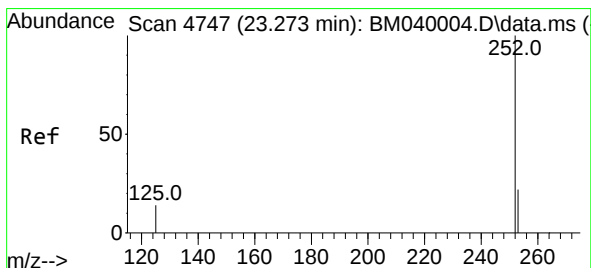
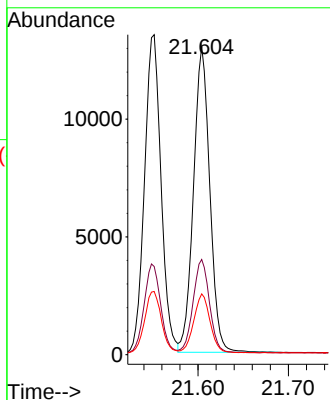
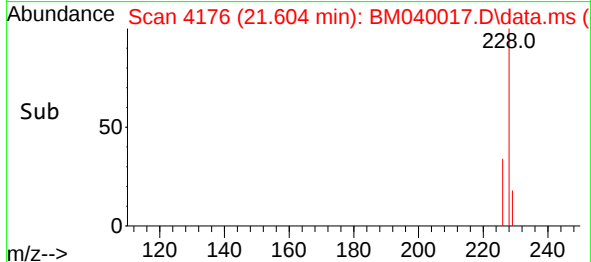
Instrument :
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ClientSampleId :
H0FM2



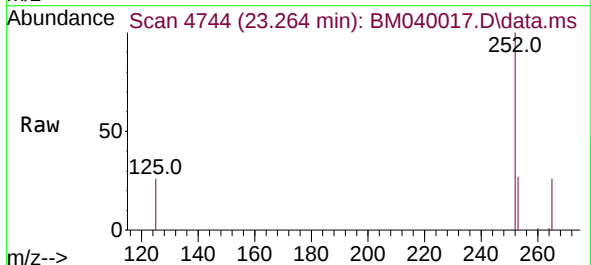
Tgt Ion:228 Resp: 16249
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.7 15.6 23.4

Manual Integrations
APPROVED

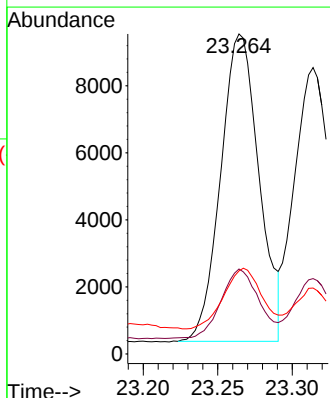
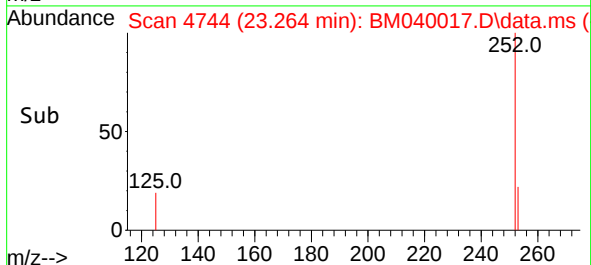
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

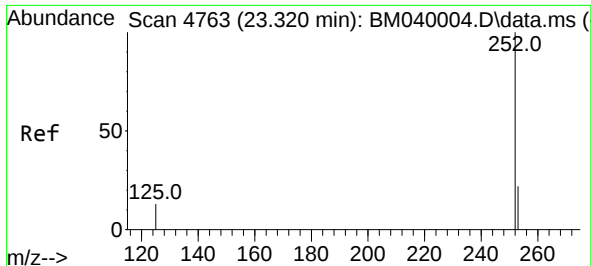


#24
Benzo(b)fluoranthene
Concen: 0.272 ng/ul
RT: 23.264 min Scan# 4744
Delta R.T. -0.010 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



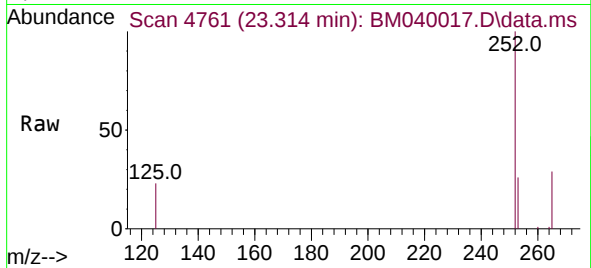
Tgt Ion:252 Resp: 16422
Ion Ratio Lower Upper
252 100
253 26.6 0.0 49.8
125 26.0 0.0 39.2





#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.314 min Scan# 4761
Delta R.T. -0.010 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

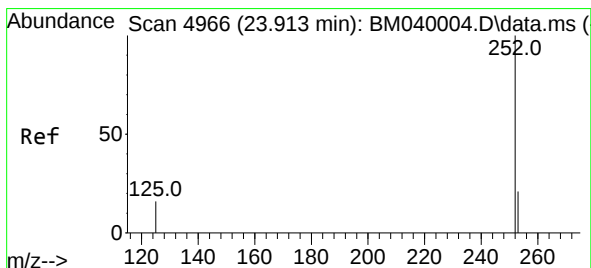
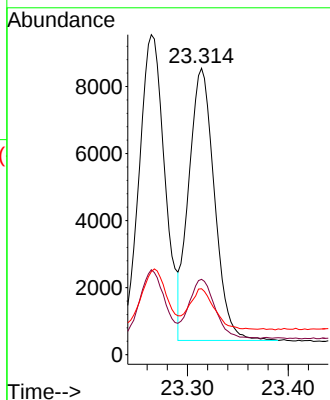
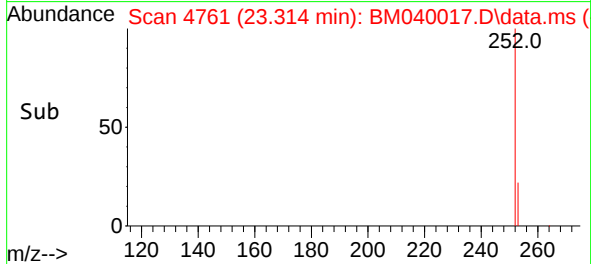
Instrument :
BNA_M
ClientSampleId :
H0FM2



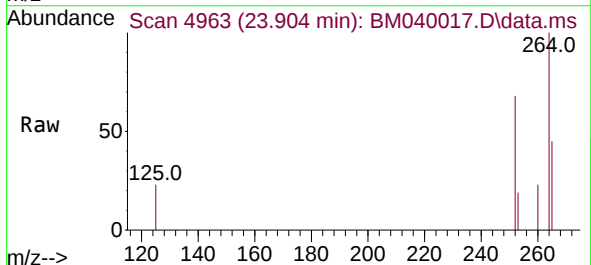
Tgt Ion:252 Resp: 1436
Ion Ratio Lower Upper
252 100
253 26.3 19.7 29.5
125 23.0 15.0 22.4

Manual Integrations
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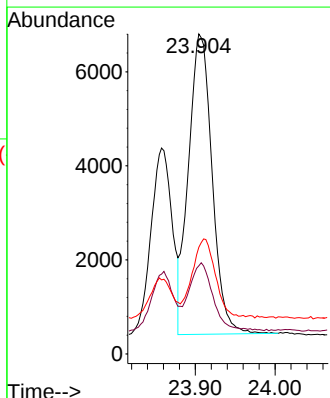
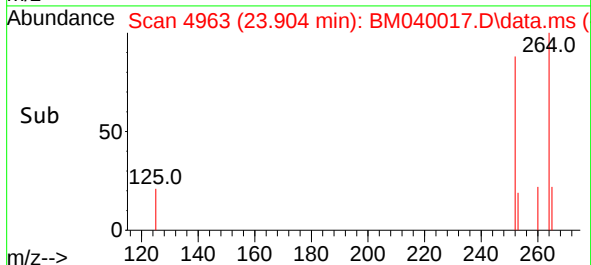
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

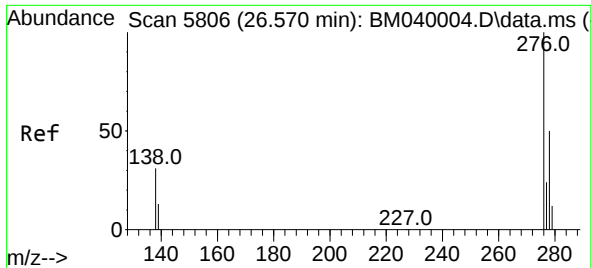


#26
Benzo(a)pyrene
Concen: 0.260 ng/ul
RT: 23.904 min Scan# 4963
Delta R.T. -0.010 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



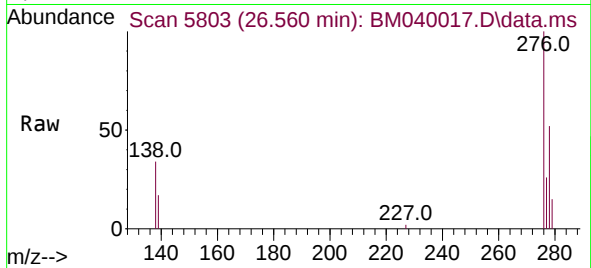
Tgt Ion:252 Resp: 13148
Ion Ratio Lower Upper
252 100
253 27.6 20.6 31.0
125 33.4 19.1 28.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.560 min Scan# 5806
Delta R.T. -0.011 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19

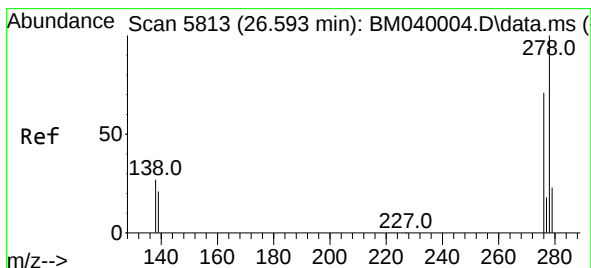
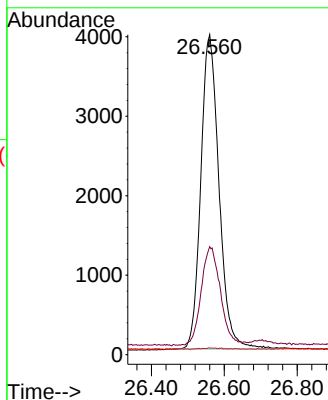
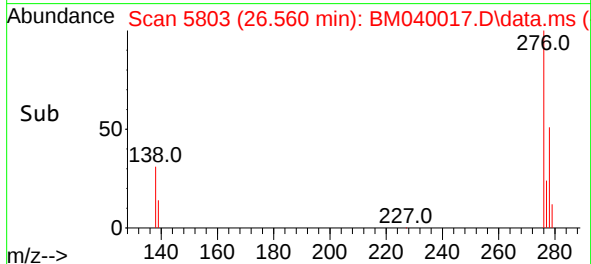
Instrument :
BNA_M
ClientSampleId :
H0FM2



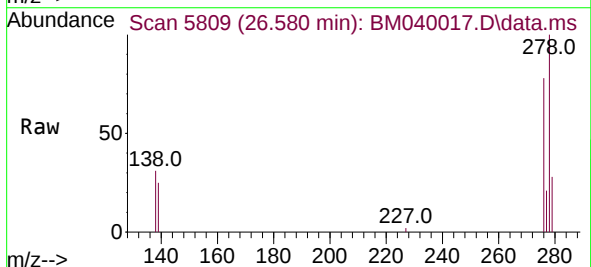
Tgt Ion:276 Resp: 13734
Ion Ratio Lower Upper
276 100
138 33.3 26.9 40.3
227 0.2 0.1 0.1

Manual Integrations
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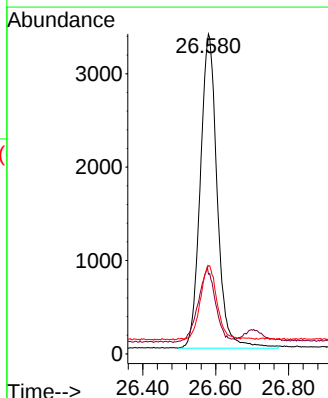
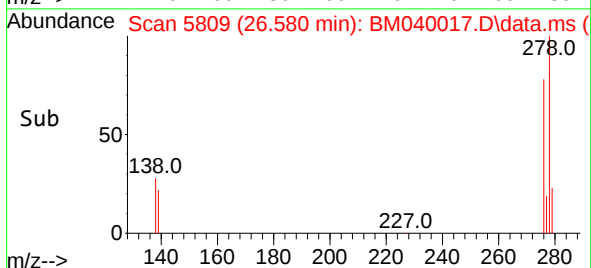
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

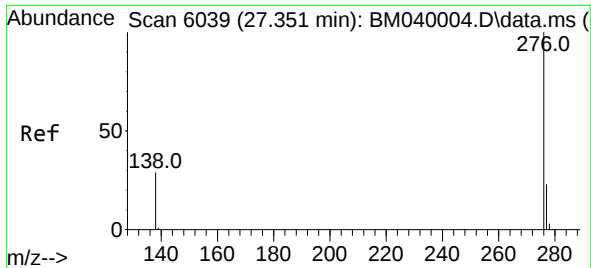


#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.580 min Scan# 5809
Delta R.T. -0.015 min
Lab File: BM040017.D
Acq: 26 May 2023 00:19



Tgt Ion:278 Resp: 10803
Ion Ratio Lower Upper
278 100
139 24.9 19.0 28.4
279 27.6 20.6 31.0





#29

Benzo(g,h,i)perylene

Concen: 0.185 ng/ul

RT: 27.341 min Scan# 6036

Delta R.T. -0.015 min

Lab File: BM040017.D

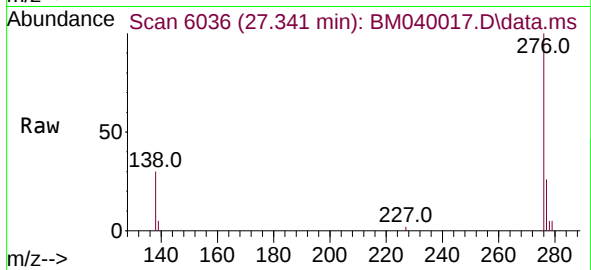
Acq: 26 May 2023 00:19

Instrument :

BNA_M

ClientSampleId :

H0FM2



Tgt Ion:276 Resp: 1101

Ion Ratio Lower Upper

276 100

138 30.1 23.9 35.9

277 25.7 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023

