

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037190.D
 Acq On : 22 Oct 2022 05:28
 Operator : CG/JU
 Sample : N5064-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 11:17:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9050	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	18293	0.400	ng/ul	0.00
17) Chrysene-d12	21.444	240	16282	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	15741	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	21914	3.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	5688	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	13361	0.271	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.749	128	209622	4.886	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	180321	7.019	ng/ul	98
8) 1-Methylnaphthalene	12.574	142	146826	5.599	ng/ul	99
10) Acenaphthylene	14.251	152	146034	3.756	ng/ul	98
11) Acenaphthene	14.589	153	15470	0.440	ng/ul	99
12) Fluorene	15.574	166	36036	0.877	ng/ul#	97
14) Pentachlorophenol	16.921	266	201	0.045	ng/ul	88
15) Phenanthrene	17.313	178	1958188	31.710	ng/ul	99
16) Anthracene	17.402	178	167049	3.415	ng/ul	99
19) Fluoranthene	19.326	202	2714185	38.373	ng/ul	98
20) Pyrene	19.689	202	2234411	31.161	ng/ul	100
21) Benzo(a)anthracene	21.430	228	960512	15.201	ng/ul	97
22) Chrysene	21.482	228	1194766	16.433	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	1380346	16.555	ng/ul	92
25) Benzo(k)fluoranthene	23.139	252	510821m	6.340	ng/ul	
26) Benzo(a)pyrene	23.712	252	807803	12.066	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.272	276	591051	6.321	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.283	278	156074	2.115	ng/ul	98
29) Benzo(g,h,i)perylene	27.034	276	502007	6.104	ng/ul	97

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

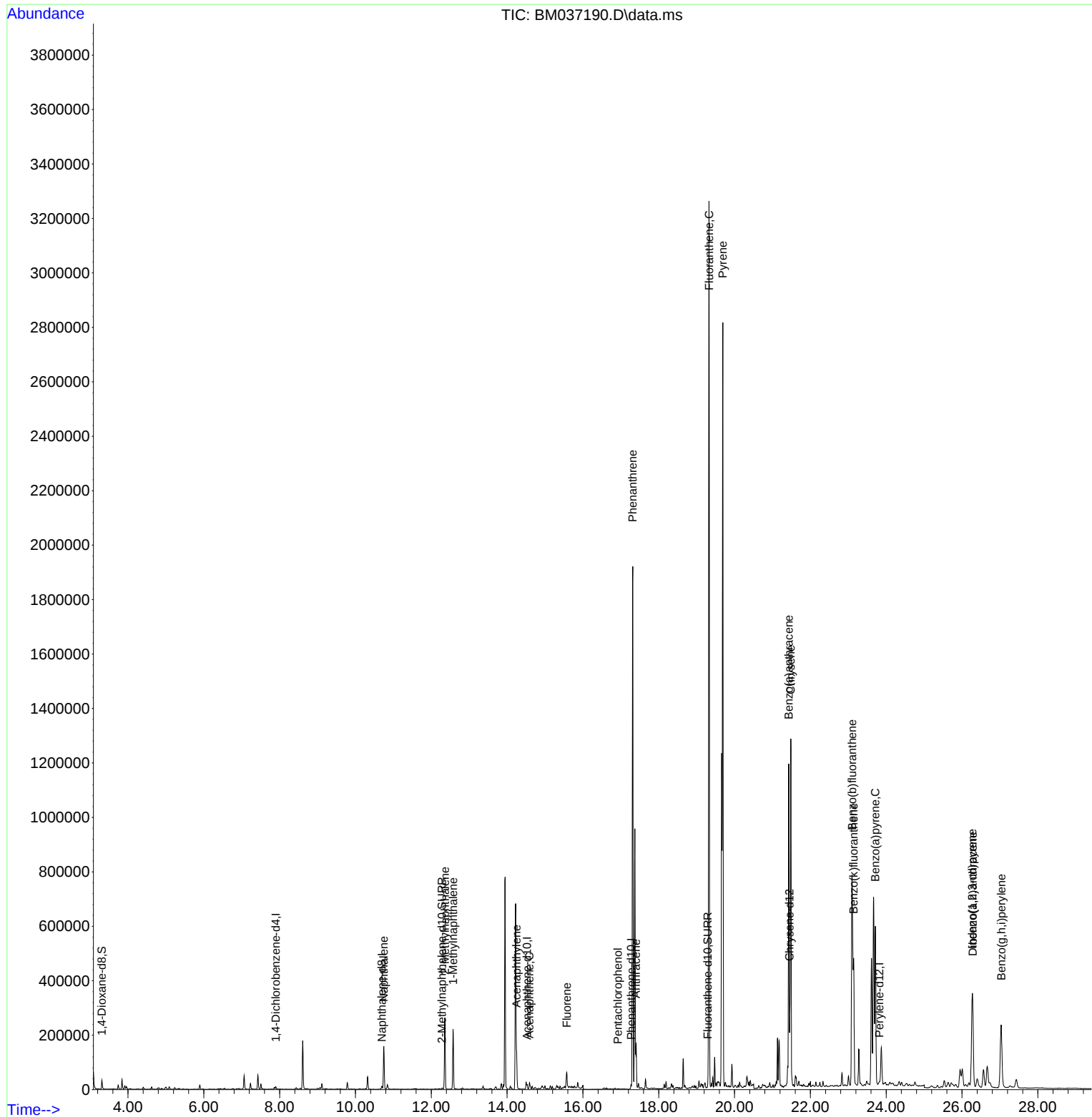
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037190.D
Acq On : 22 Oct 2022 05:28
Operator : CG/JU
Sample : N5064-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

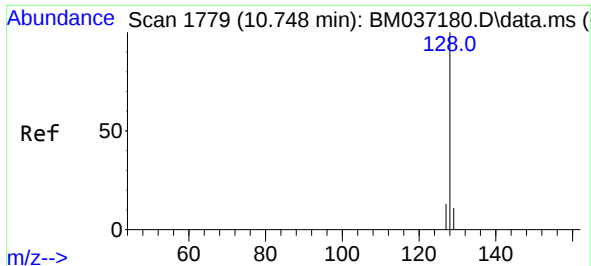
Instrument :
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C0BL6

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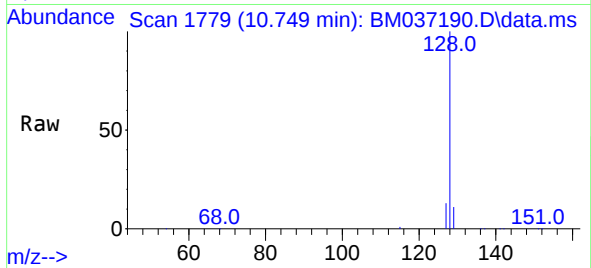
Quant Time: Oct 22 11:17:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.886 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

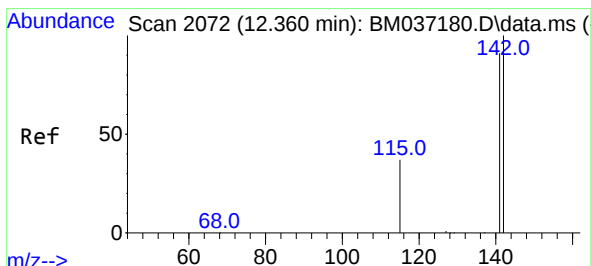
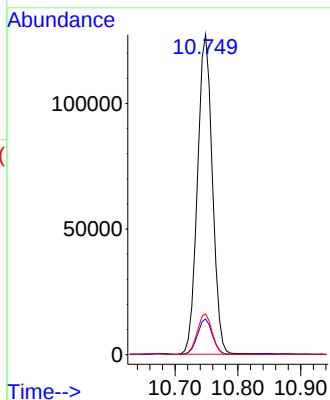
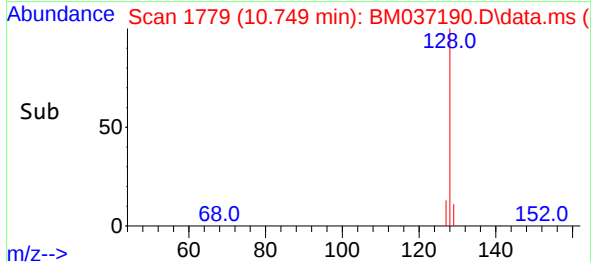
Instrument :
BNA_M
ClientSampleId :
COBL6



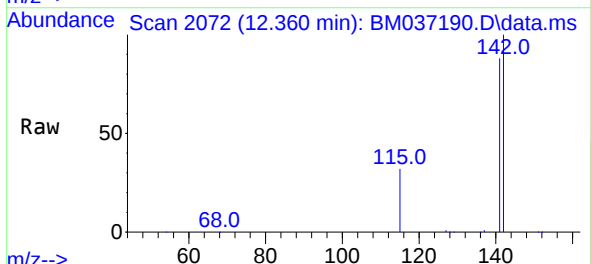
Tgt Ion:128 Resp: 20962
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.8 10.5 15.7

Manual Integrations
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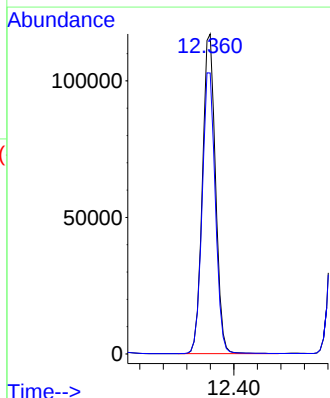
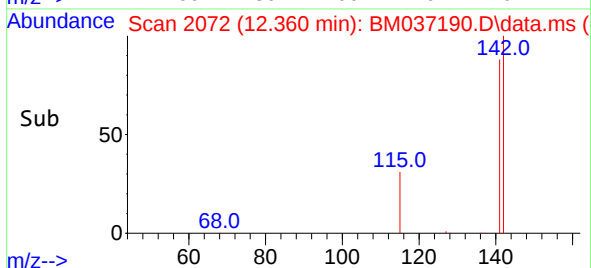
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

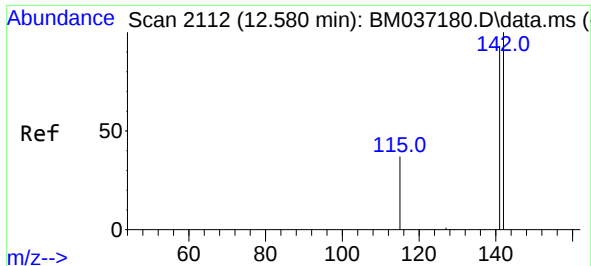


#7
2-Methylnaphthalene
Concen: 7.019 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



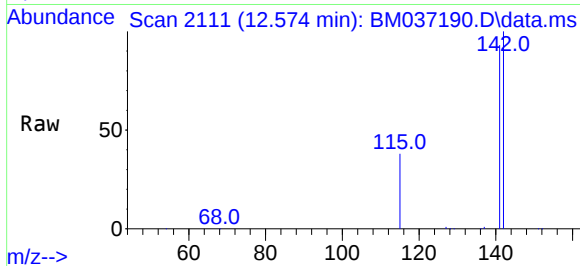
Tgt Ion:142 Resp: 180321
Ion Ratio Lower Upper
142 100
141 88.9 72.8 109.2





#8
1-Methylnaphthalene
Concen: 5.599 ng/ul
RT: 12.574 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

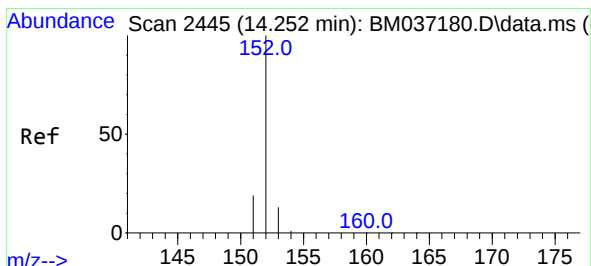
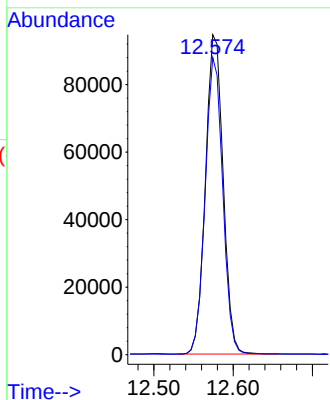
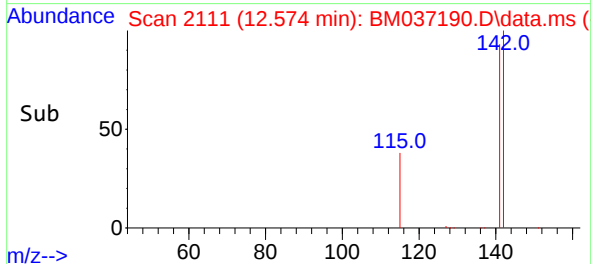
Instrument :
BNA_M
ClientSampleId :
C0BL6



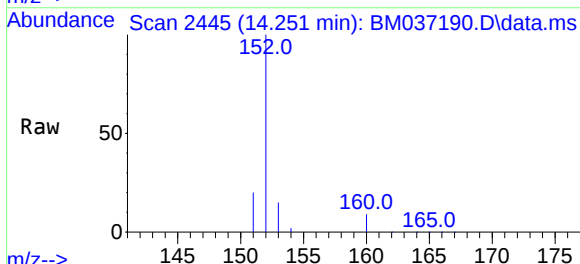
Tgt Ion:142 Resp: 146820
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

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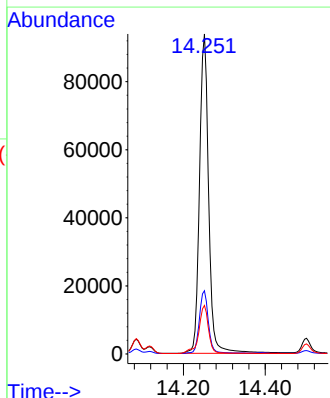
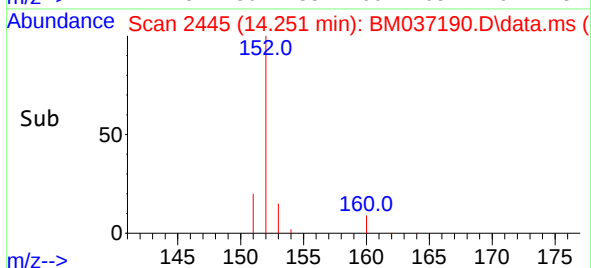
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

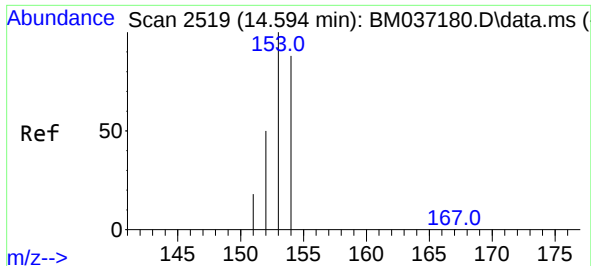


#10
Acenaphthylene
Concen: 3.756 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



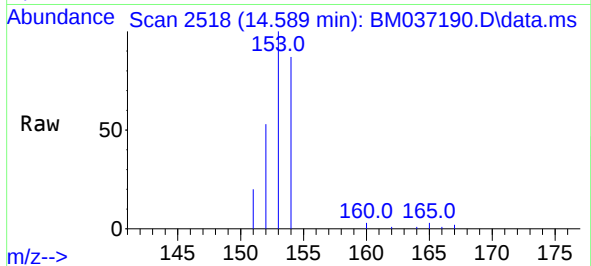
Tgt Ion:152 Resp: 146034
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 15.2 10.8 16.2





#11
Acenaphthene
Concen: 0.440 ng/u1
RT: 14.589 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

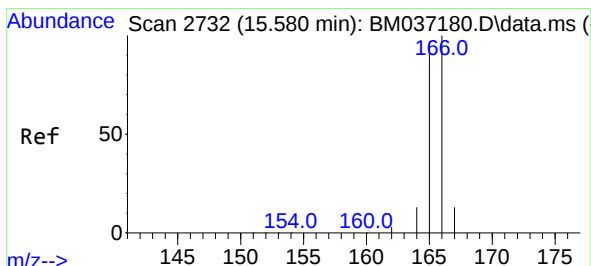
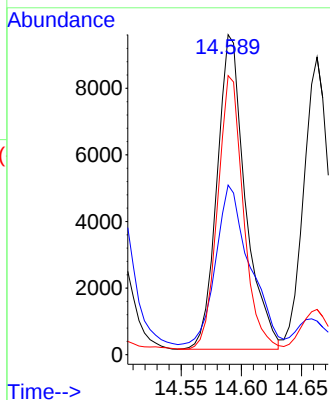
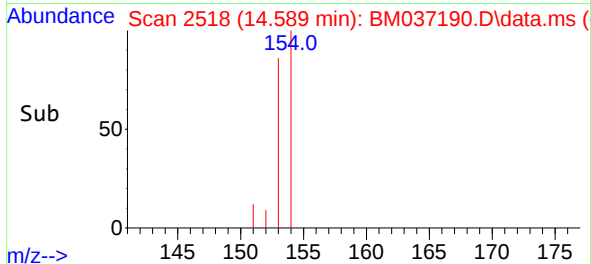
Instrument :
BNA_M
ClientSampleId :
C0BL6



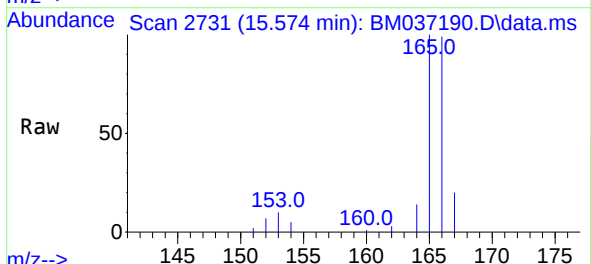
Tgt Ion:153 Resp: 15470
Ion Ratio Lower Upper
153 100
152 53.0 43.3 64.9
154 87.2 70.0 105.0

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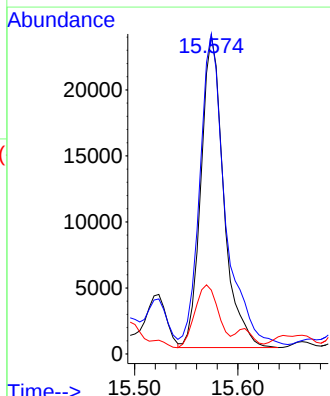
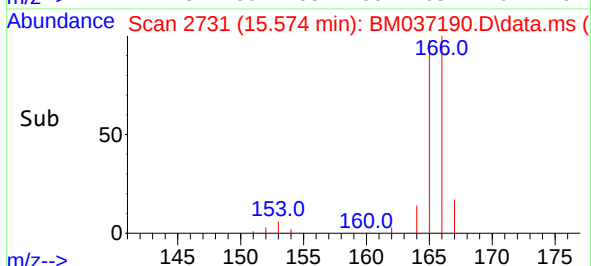
Reviewed By :Jagrut Upadhyay 10/24/2022
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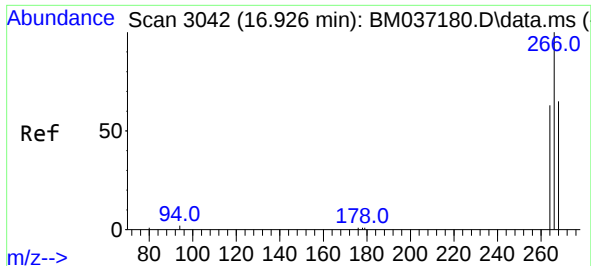


#12
Fluorene
Concen: 0.877 ng/u1
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



Tgt Ion:166 Resp: 36036
Ion Ratio Lower Upper
166 100
165 100.5 79.4 119.2
167 20.1 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.045 ng/uI
RT: 16.921 min Scan# 3042
Delta R.T. -0.005 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

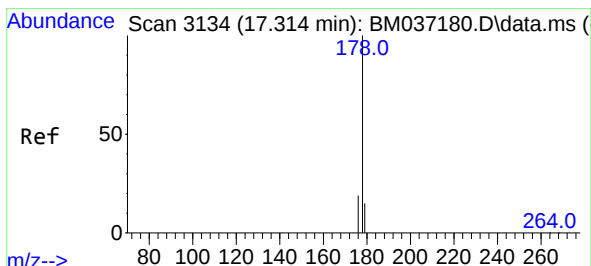
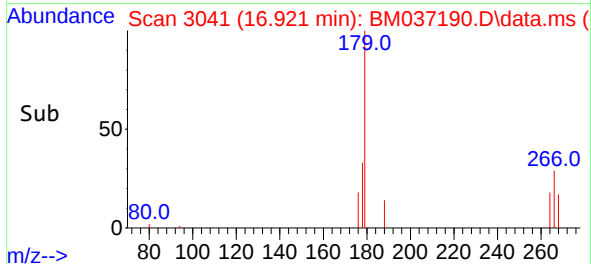
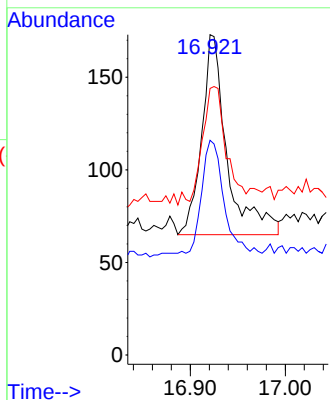
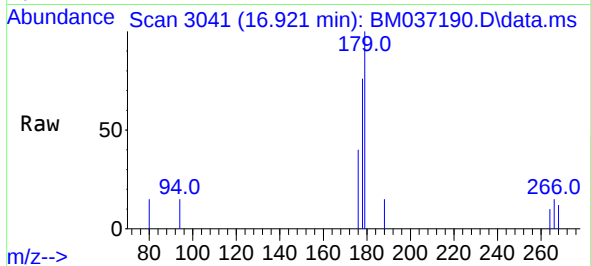
Instrument :
BNA_M
ClientSampleId :
COBL6

Tgt Ion:266 Resp: 200000

Ion	Ratio	Lower	Upper
266	100		
264	54.7	49.4	74.0
268	52.2	50.5	75.7

Manual Integrations
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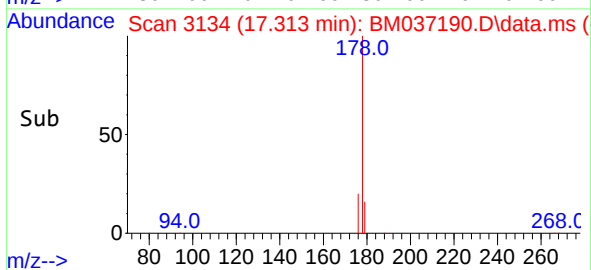
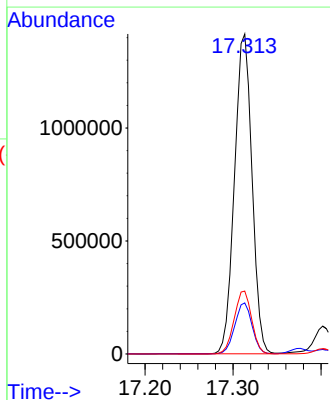
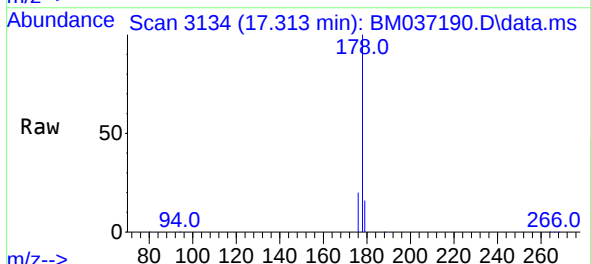
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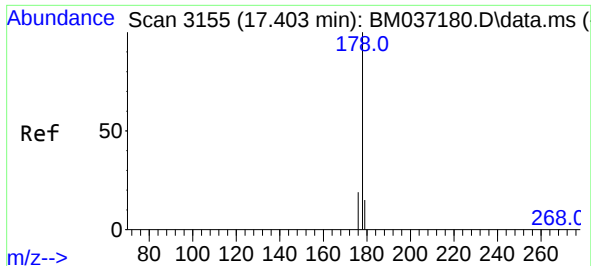


#15
Phenanthrene
Concen: 31.710 ng/uI
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

Tgt Ion:178 Resp: 1958188

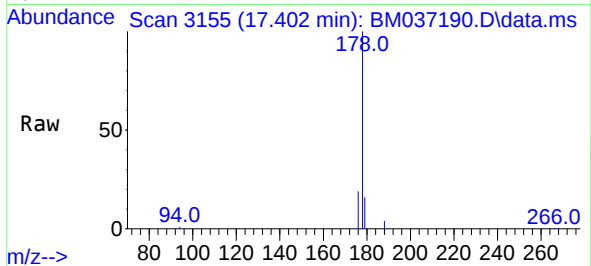
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.6	16.1	24.1





#16
 Anthracene
 Concen: 3.415 ng/ul
 RT: 17.402 min Scan# 3155
 Delta R.T. -0.001 min
 Lab File: BM037190.D
 Acq: 22 Oct 2022 05:28

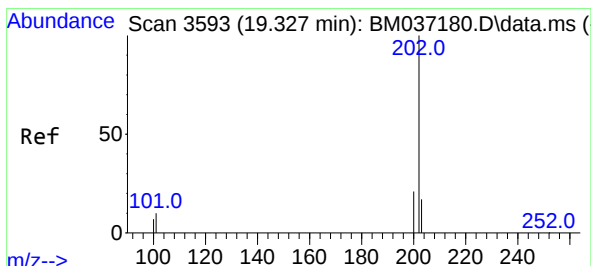
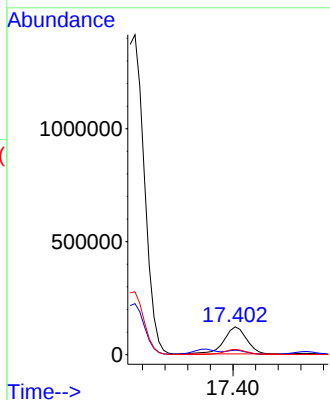
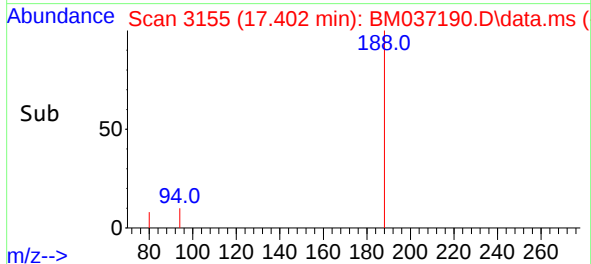
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 C0BL6



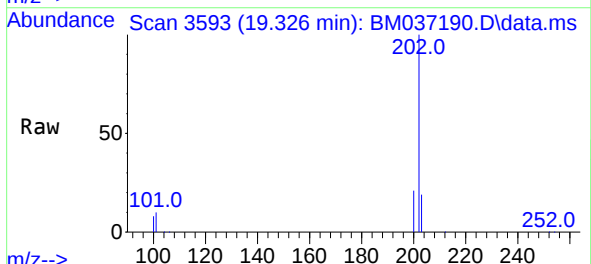
Tgt Ion:178 Resp: 167049
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.1 19.7
 176 18.9 15.3 22.9

Manual Integrations
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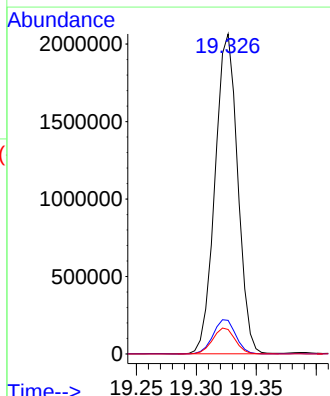
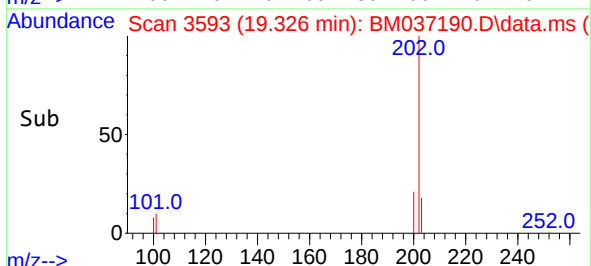
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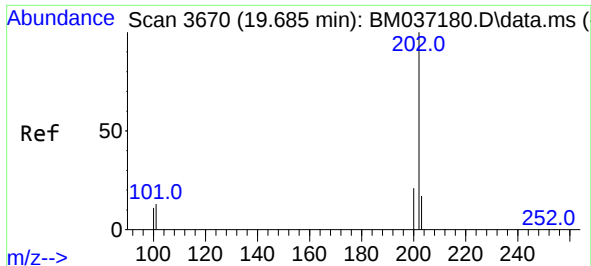


#19
 Fluoranthene
 Concen: 38.373 ng/ul
 RT: 19.326 min Scan# 3593
 Delta R.T. -0.001 min
 Lab File: BM037190.D
 Acq: 22 Oct 2022 05:28



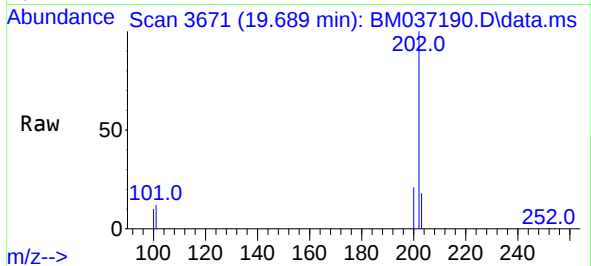
Tgt Ion:202 Resp: 2714185
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.9 13.3
 100 7.7 6.9 10.3





#20
Pyrene
Concen: 31.161 ng/u1
RT: 19.689 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

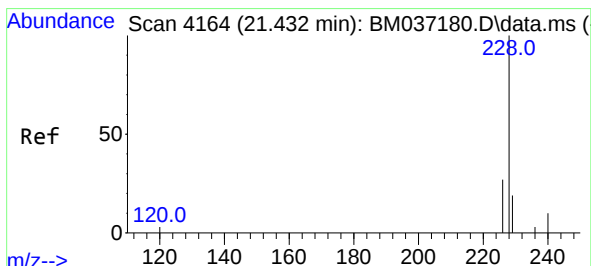
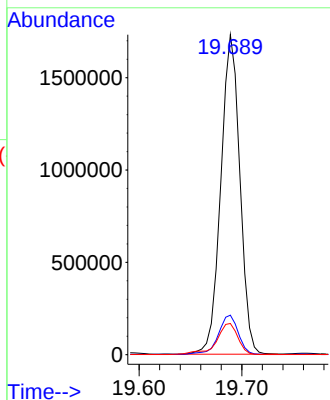
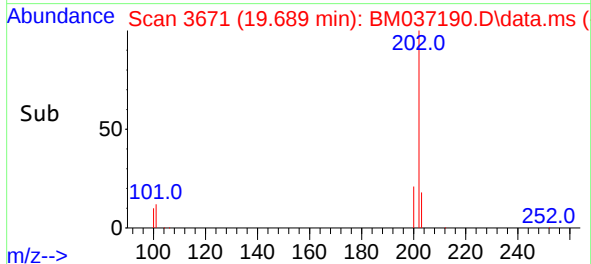
Instrument :
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COBL6



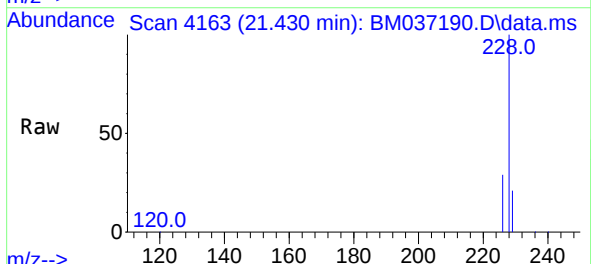
Tgt Ion:202 Resp: 223441
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.7 7.8 11.8

Manual Integrations
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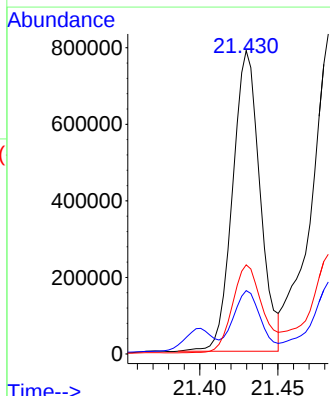
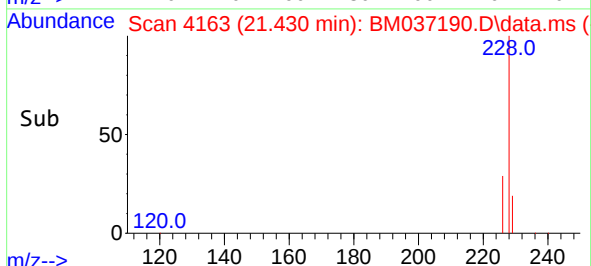
Reviewed By :Jagrut Upadhyay 10/24/2022
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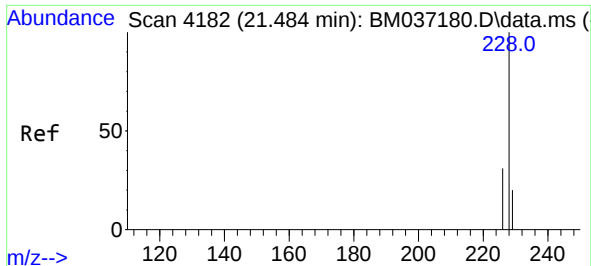


#21
Benzo(a)anthracene
Concen: 15.201 ng/u1
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



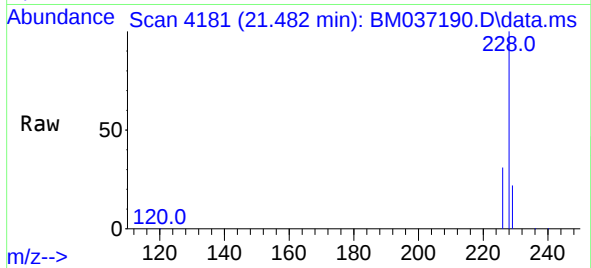
Tgt Ion:228 Resp: 960512
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.4 21.8 32.8





#22
Chrysene
Concen: 16.433 ng/ul
RT: 21.482 min Scan# 4182
Delta R.T. -0.002 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

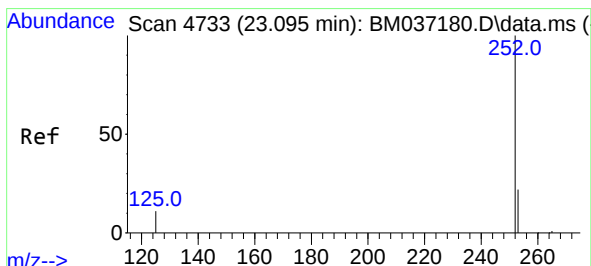
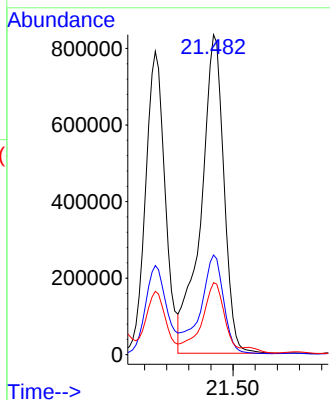
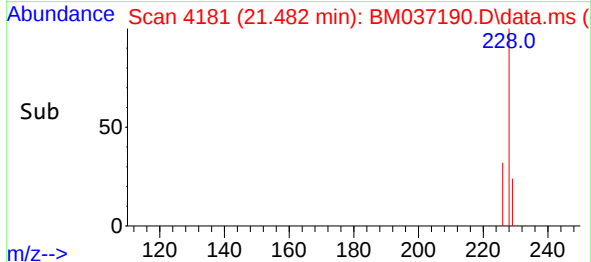
Instrument :
BNA_M
ClientSampleId :
C0BL6



Tgt Ion:228 Resp: 1194760
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.5 16.0 24.0

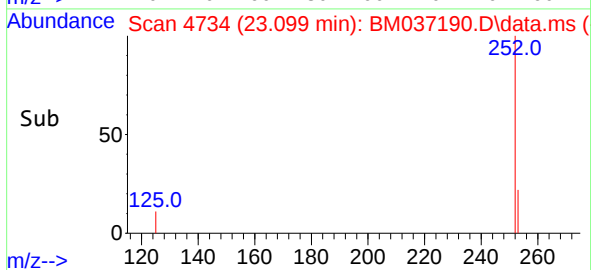
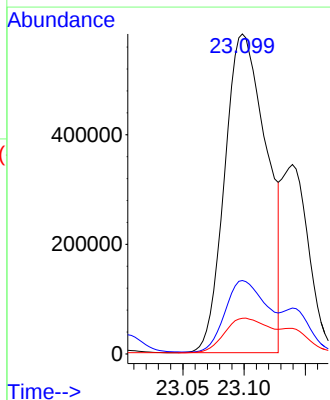
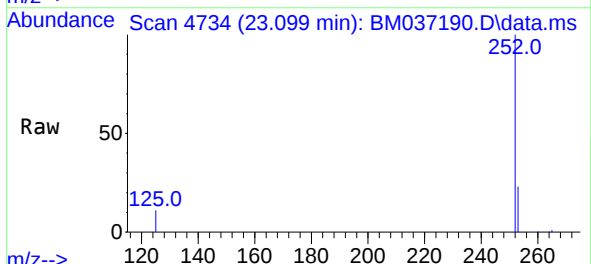
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APPROVED

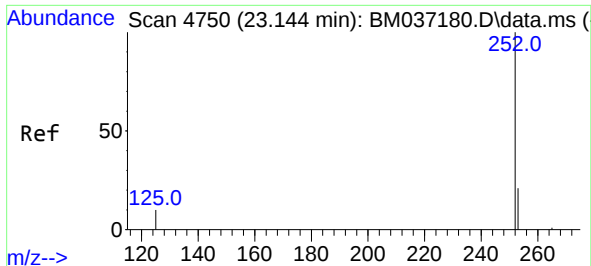
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#24
Benzo(b)fluoranthene
Concen: 16.555 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. 0.004 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

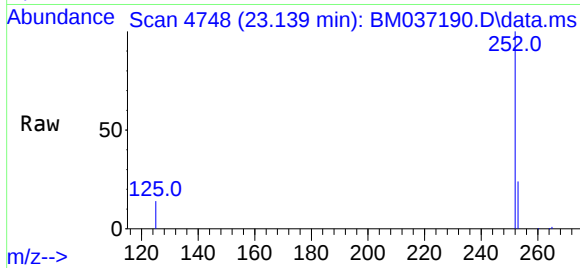
Tgt Ion:252 Resp: 1380346
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.6
125 11.1 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 6.340 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

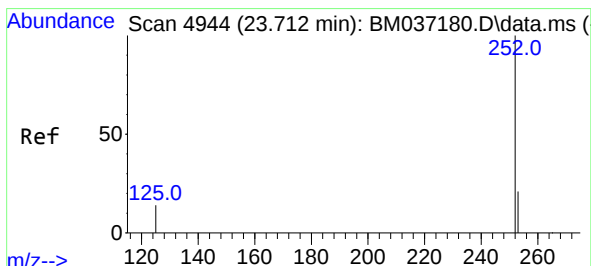
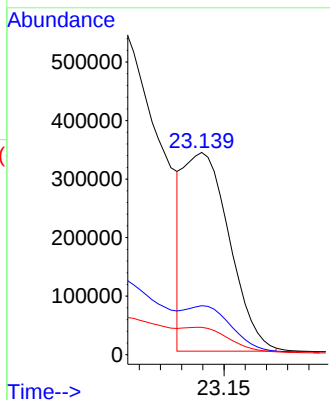
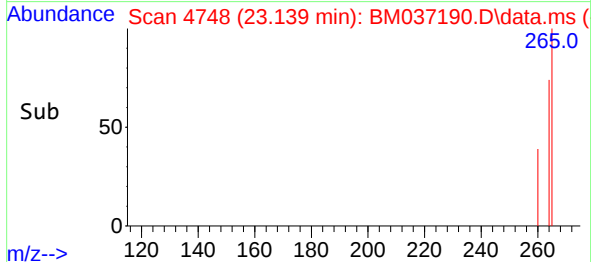
Instrument :
BNA_M
ClientSampleId :
C0BL6



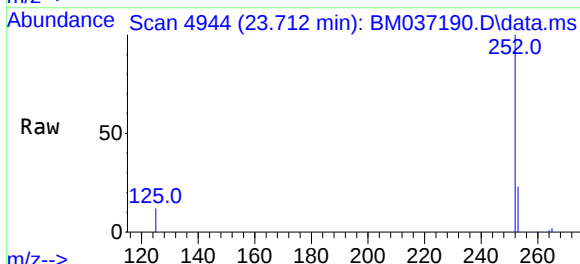
Tgt Ion:252 Resp: 51082
Ion Ratio Lower Upper
252 100
253 24.3 20.6 30.8
125 13.5 13.3 19.9

Manual Integrations
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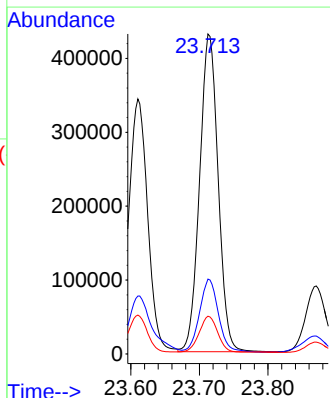
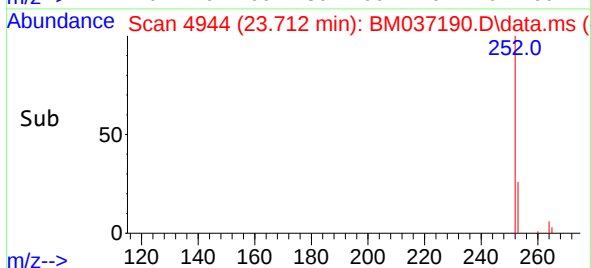
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

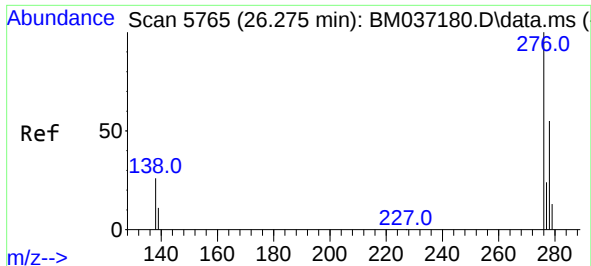


#26
Benzo(a)pyrene
Concen: 12.066 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



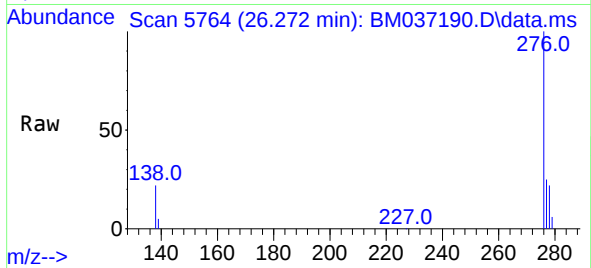
Tgt Ion:252 Resp: 807803
Ion Ratio Lower Upper
252 100
253 23.4 22.1 33.1
125 11.8 17.6 26.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 6.321 ng/ul
RT: 26.272 min Scan# 5765
Delta R.T. -0.002 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

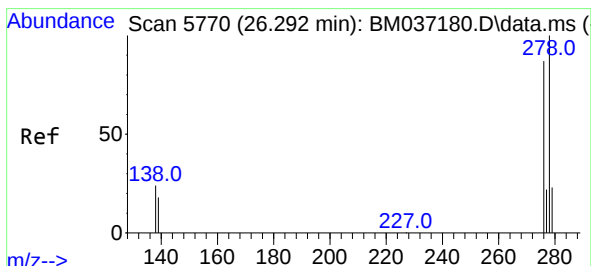
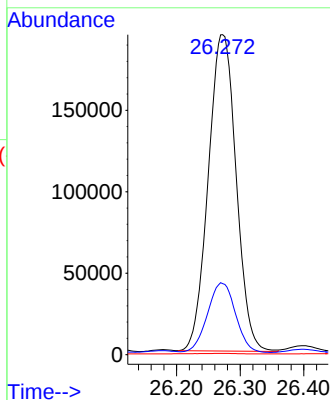
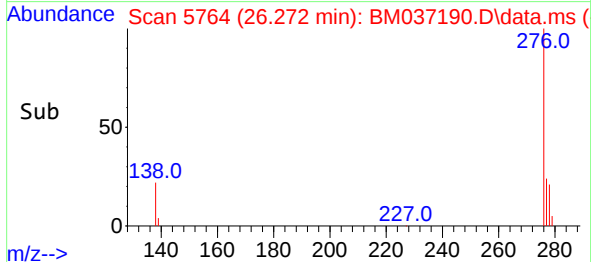
Instrument :
BNA_M
ClientSampleId :
C0BL6



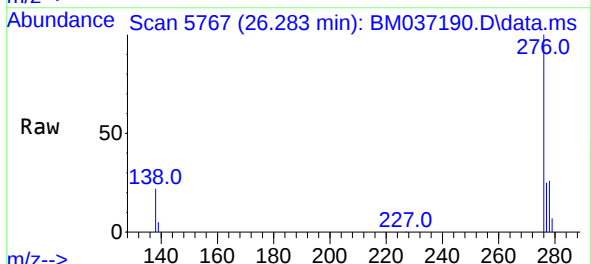
Tgt Ion:276 Resp: 59105
Ion Ratio Lower Upper
276 100
138 22.1 21.4 32.0
227 0.2 0.1 0.1

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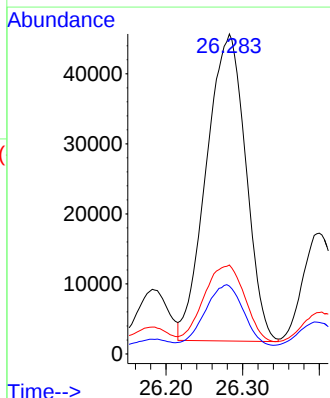
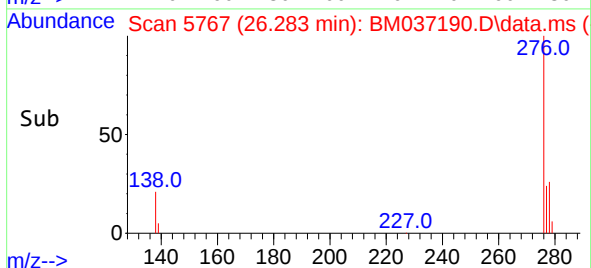
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

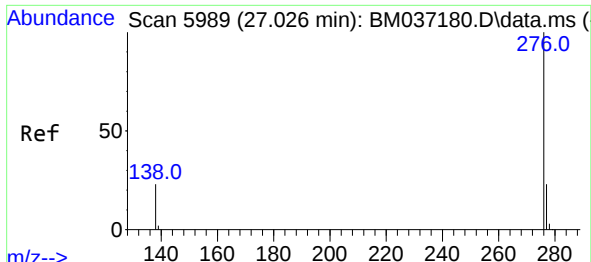


#28
Dibenzo(a,h)anthracene
Concen: 2.115 ng/ul
RT: 26.283 min Scan# 5767
Delta R.T. -0.009 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28



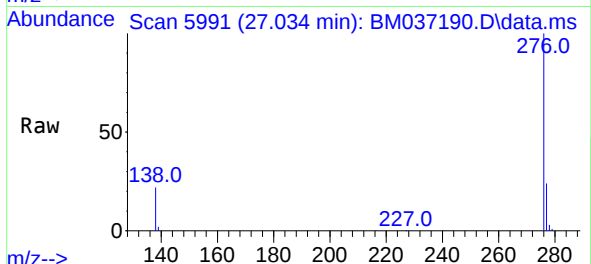
Tgt Ion:278 Resp: 156074
Ion Ratio Lower Upper
278 100
139 21.2 16.3 24.5
279 27.8 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 6.104 ng/ul
RT: 27.034 min Scan# 5991
Delta R.T. 0.008 min
Lab File: BM037190.D
Acq: 22 Oct 2022 05:28

Instrument :
BNA_M
ClientSampleId :
C0BL6



Tgt Ion:276 Resp: 50200
Ion Ratio Lower Upper
276 100
138 22.4 19.8 29.8
277 24.0 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

