

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033804.D
 Acq On : 21 Jan 2022 00:55
 Operator : CG/JU
 Sample : N1199-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 02:04:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	14424	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	25535m	0.400	ng/ul	-0.03
13) Phenanthrene-d10	17.326	188	19580	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	11087	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	8808	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	18136	4.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	8633	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	18484	0.538	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	982989	23.522	ng/ul#	87
7) 2-Methylnaphthalene	12.420	142	79822	2.974	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	2376759	90.183	ng/ul	99
10) Acenaphthylene	14.310	152	86287	0.731	ng/ul#	56
11) Acenaphthene	14.648	153	303934	3.228	ng/ul	94
12) Fluorene	15.630	166	392906m	3.489	ng/ul	
14) Pentachlorophenol	17.011	266	12602899	1631.085	ng/ul	98
15) Phenanthrene	17.368	178	1124502	17.735	ng/ul	94
16) Anthracene	17.458	178	119815	2.060	ng/ul#	92
19) Fluoranthene	19.372	202	108185	2.080	ng/ul	99
20) Pyrene	19.731	202	149903	2.849	ng/ul	95
21) Benzo(a)anthracene	21.465	228	2548	0.055	ng/ul#	64
22) Chrysene	21.518	228	2702	0.057	ng/ul#	65
24) Benzo(b)fluoranthene	23.146	252	1289	0.033	ng/ul#	1
25) Benzo(k)fluoranthene	23.194	252	854	0.023	ng/ul#	1
26) Benzo(a)pyrene	23.778	252	701m	0.021	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.388	276	985	0.023	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.405	278	713	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.163	276	963	0.026	ng/ul#	31

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

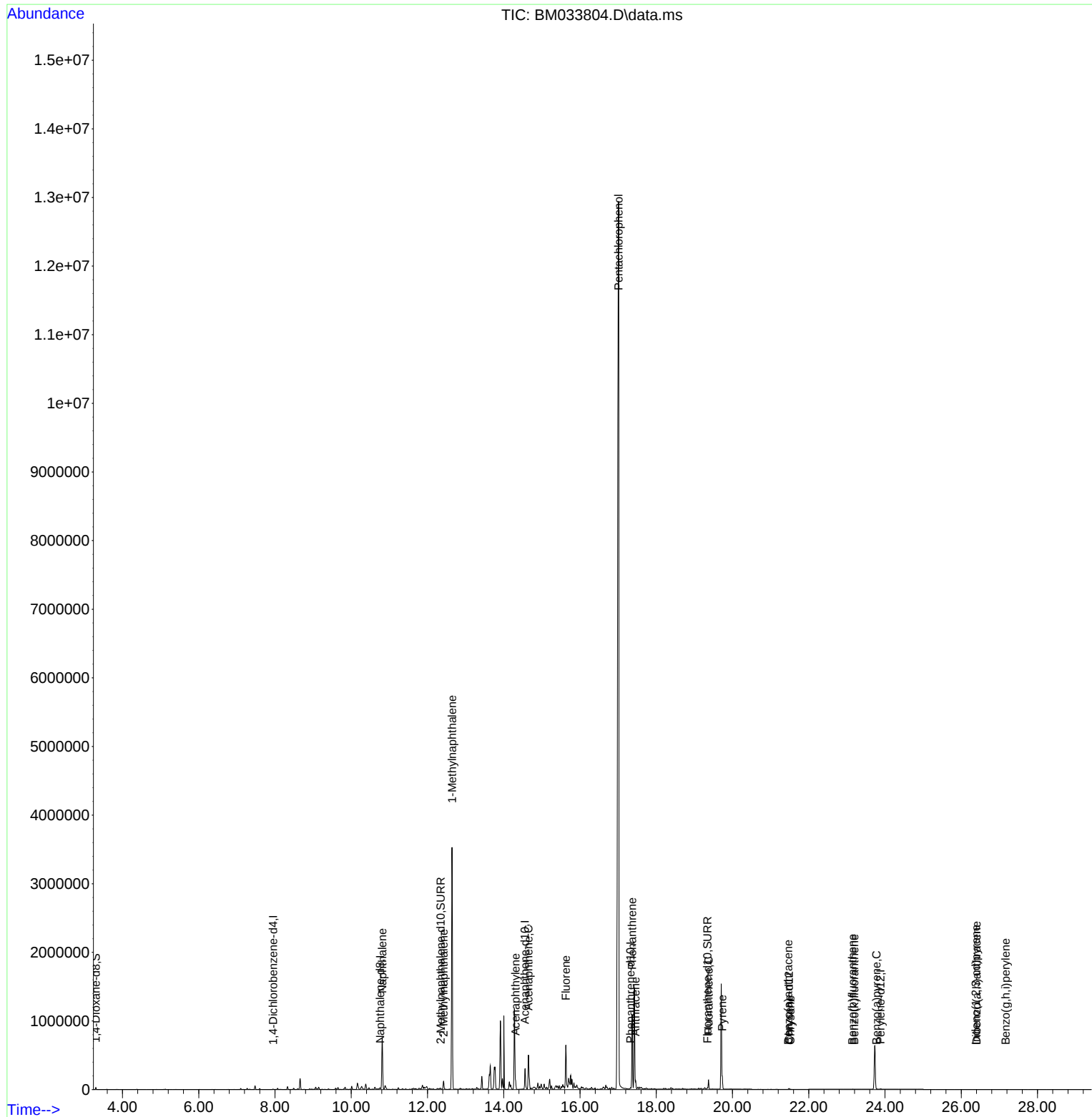
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033804.D
Acq On : 21 Jan 2022 00:55
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ALS Vial : 20 Sample Multiplier: 1

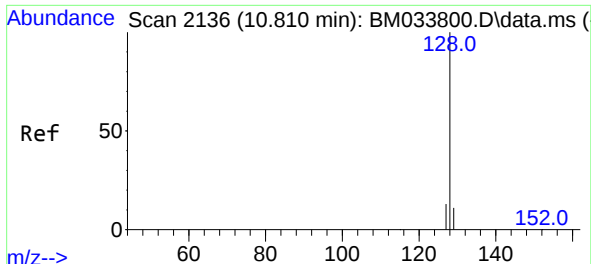
Instrument :
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Supervised By :mohammad ahmed 01/27/2022

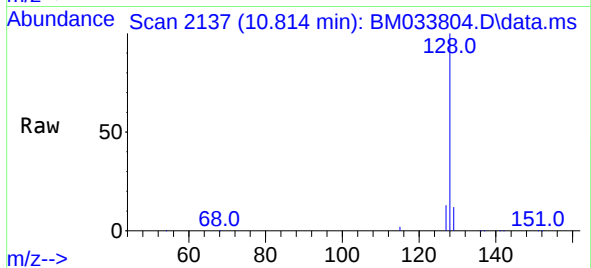
Quant Time: Jan 21 02:04:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 23.522 ng/ul
RT: 10.814 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

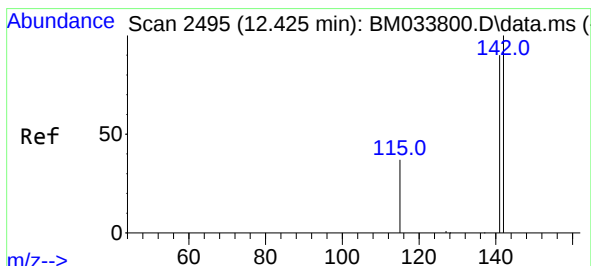
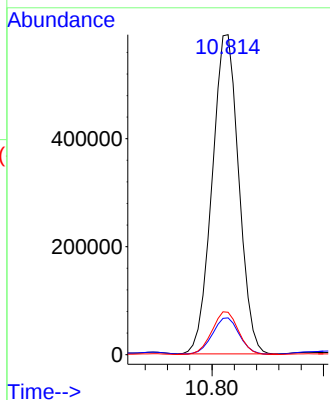
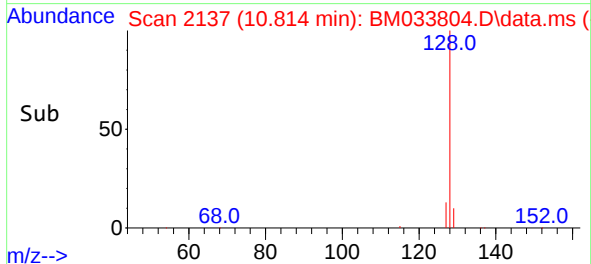
Instrument :
BNA_M
ClientSampleId :
C0F12



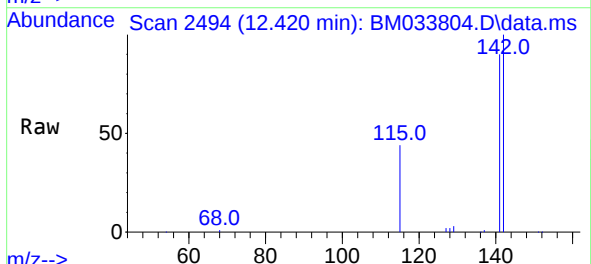
Tgt Ion:128 Resp: 982989
Ion Ratio Lower Upper
128 100
129 11.5 13.4 20.2
127 13.2 15.2 22.8

Manual Integrations
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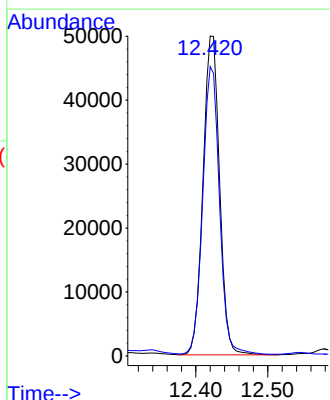
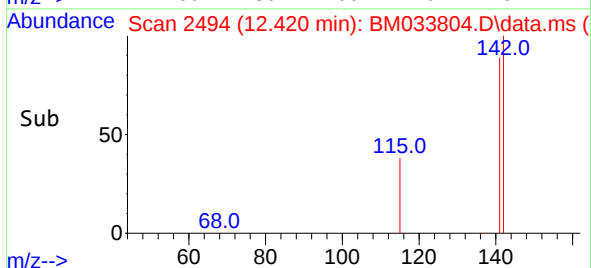
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

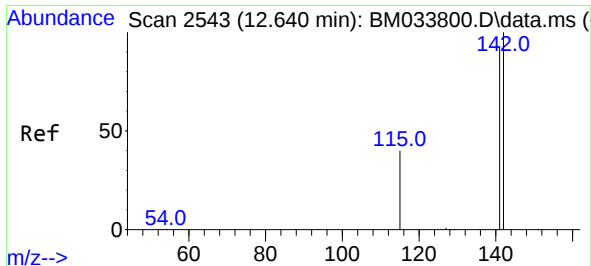


#7
2-Methylnaphthalene
Concen: 2.974 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55



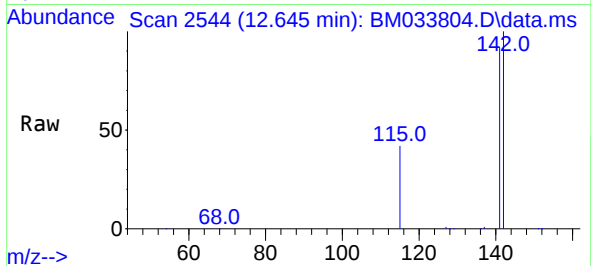
Tgt Ion:142 Resp: 79822
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 90.183 ng/ul
RT: 12.645 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

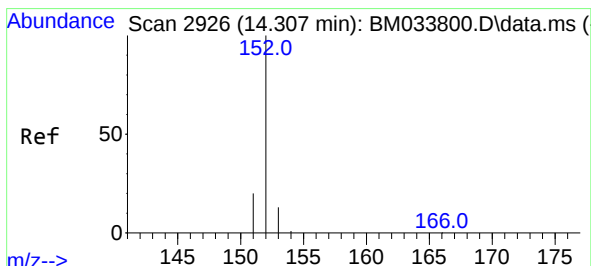
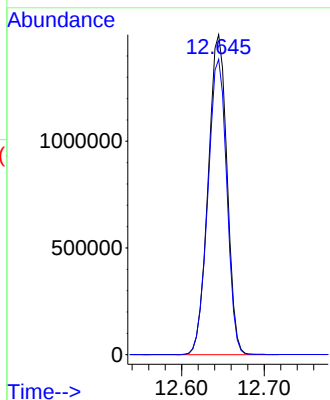
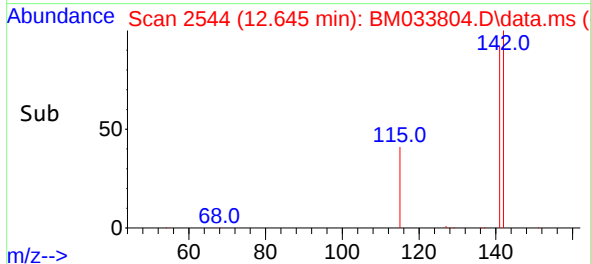
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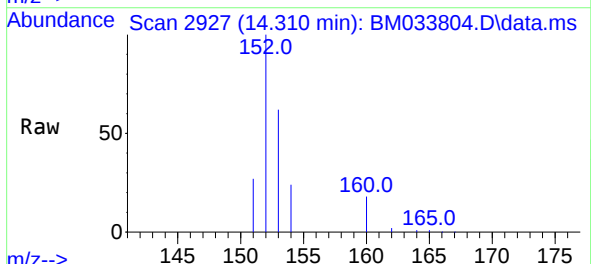
Tgt Ion:142 Resp: 237675
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

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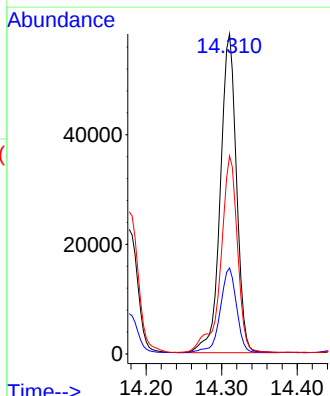
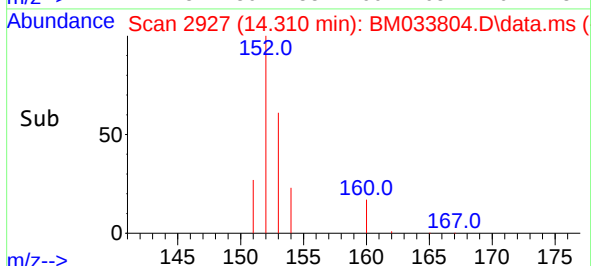
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

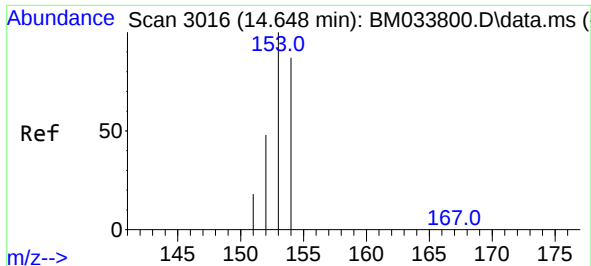


#10
Acenaphthylene
Concen: 0.731 ng/ul
RT: 14.310 min Scan# 2927
Delta R.T. 0.000 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55



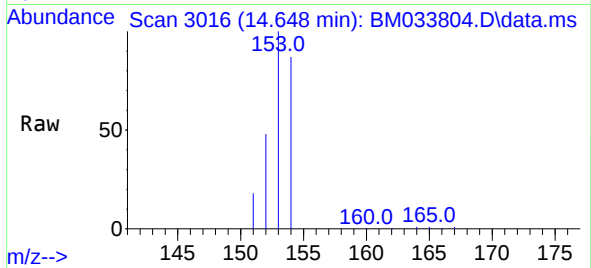
Tgt Ion:152 Resp: 86287
Ion Ratio Lower Upper
152 100
151 26.9 19.9 29.9
153 61.8 15.0 22.4#





#11
Acenaphthene
Concen: 3.228 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

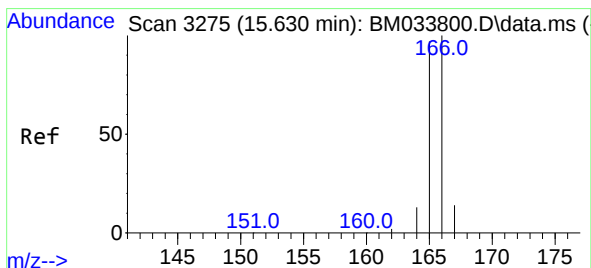
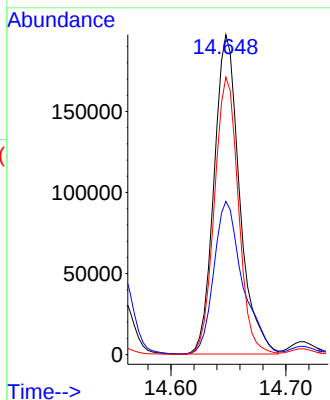
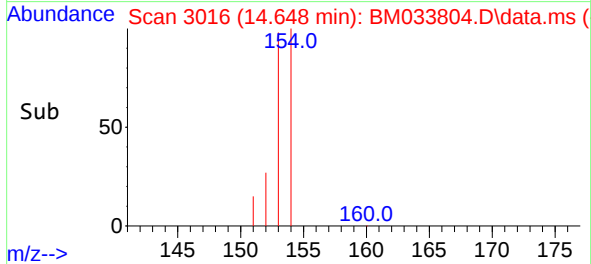
Instrument :
BNA_M
ClientSampleId :
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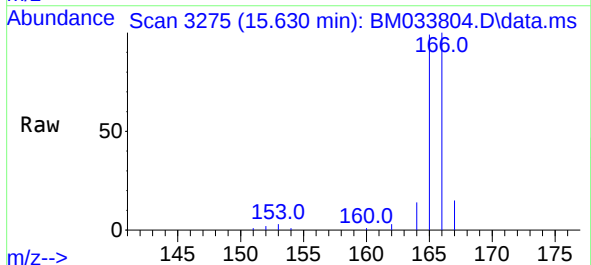
Tgt Ion:153 Resp: 303934
Ion Ratio Lower Upper
153 100
152 47.9 42.4 63.6
154 86.7 66.2 99.2

Manual Integrations
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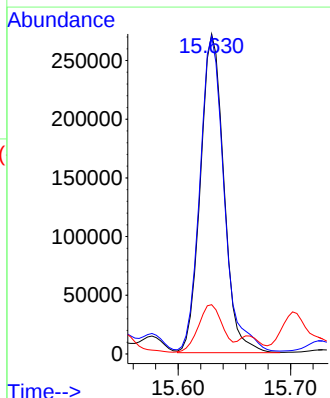
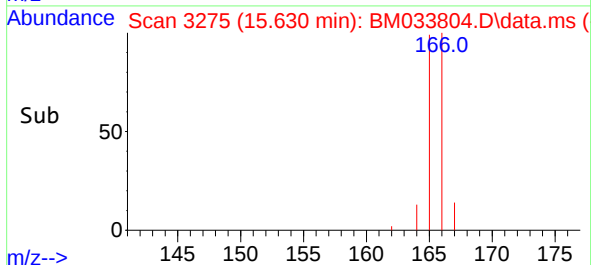
Reviewed By :Jagrut Upadhyay 01/21/2022
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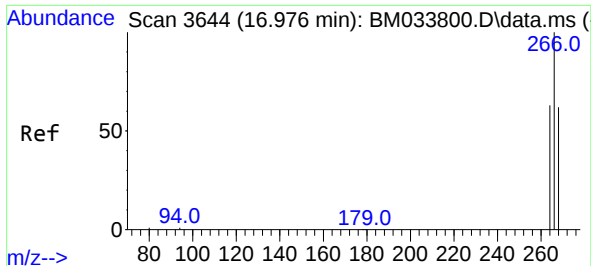


#12
Fluorene
Concen: 3.489 ng/ul m
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55



Tgt Ion:166 Resp: 392906
Ion Ratio Lower Upper
166 100
165 99.4 81.1 121.7
167 15.4 14.9 22.3





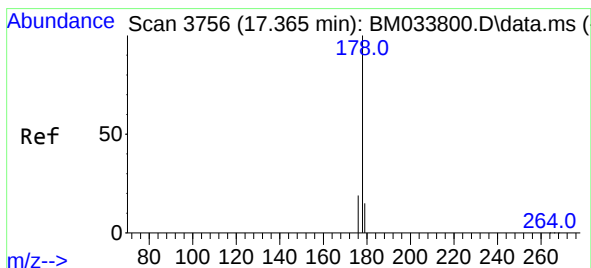
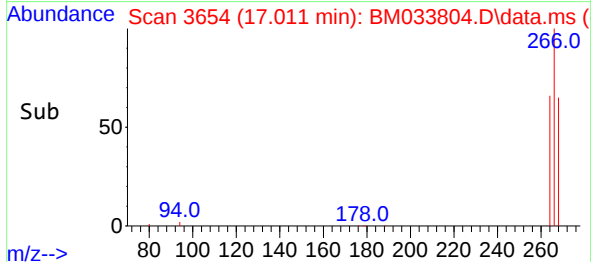
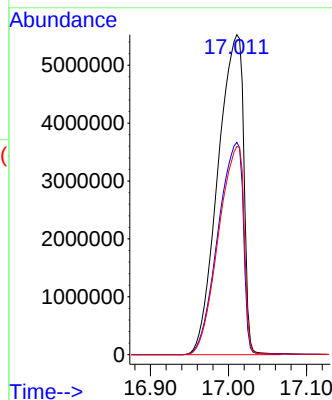
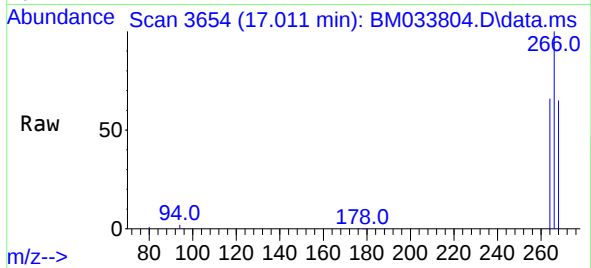
#14
Pentachlorophenol
Concen: 1631.085 ng/u1
RT: 17.011 min Scan# 30
Delta R.T. 0.035 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

Instrument :
BNA_M
ClientSampleId :
C0F12

Tgt Ion:266 Resp:1260289
Ion Ratio Lower Upper
266 100
264 65.3 51.4 77.0
268 64.4 53.1 79.7

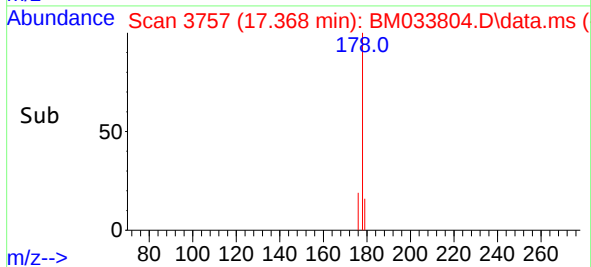
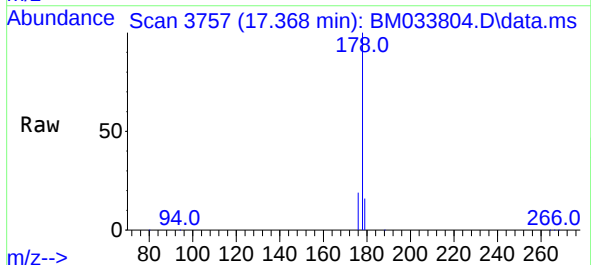
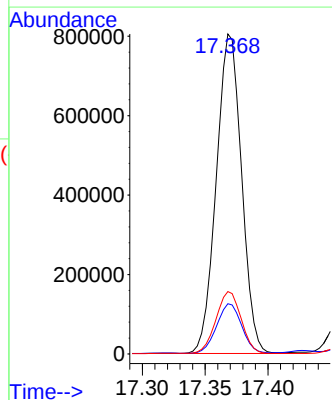
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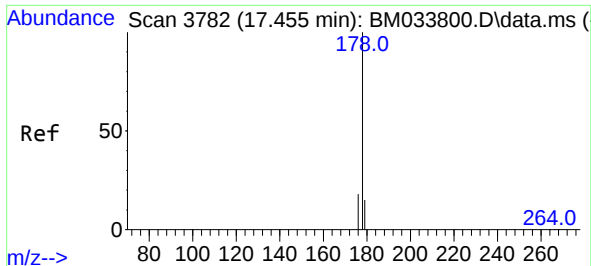
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#15
Phenanthrene
Concen: 17.735 ng/u1
RT: 17.368 min Scan# 3757
Delta R.T. 0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

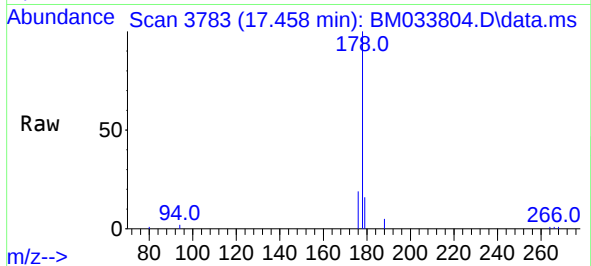
Tgt Ion:178 Resp: 1124502
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 19.5 17.9 26.9





#16
 Anthracene
 Concen: 2.060 ng/u1
 RT: 17.458 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BM033804.D
 Acq: 21 Jan 2022 00:55

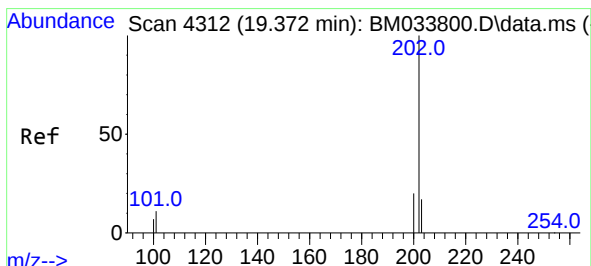
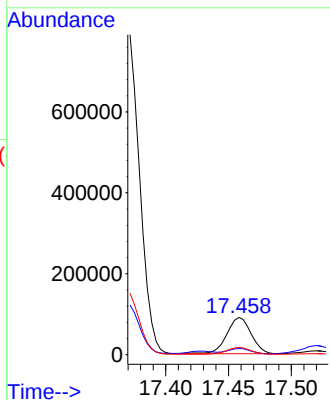
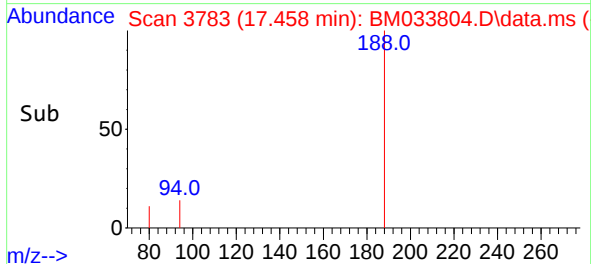
Instrument :
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Tgt Ion:178 Resp: 119815
 Ion Ratio Lower Upper
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 179 16.4 16.5 24.7
 176 19.2 18.3 27.5

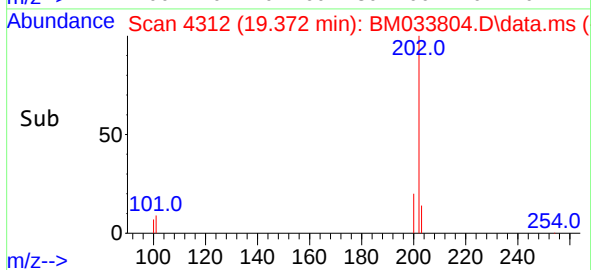
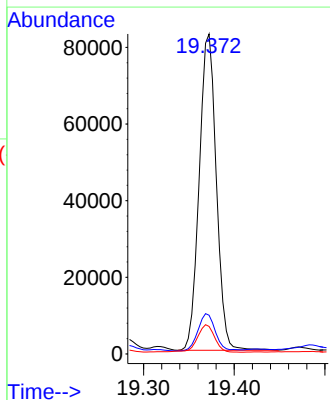
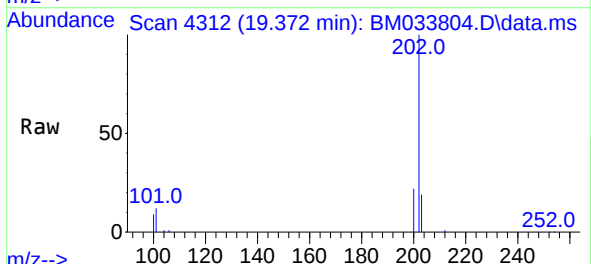
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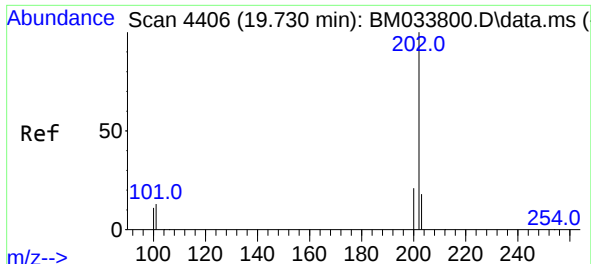
Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022



#19
 Fluoranthene
 Concen: 2.080 ng/u1
 RT: 19.372 min Scan# 4312
 Delta R.T. 0.000 min
 Lab File: BM033804.D
 Acq: 21 Jan 2022 00:55

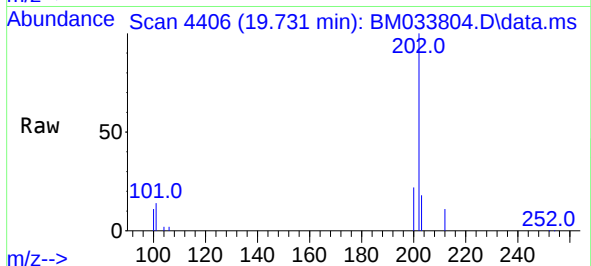
Tgt Ion:202 Resp: 108185
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.2 13.8
 100 8.6 7.2 10.8





#20
Pyrene
Concen: 2.849 ng/ul
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

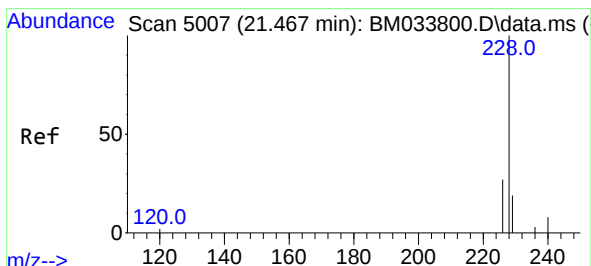
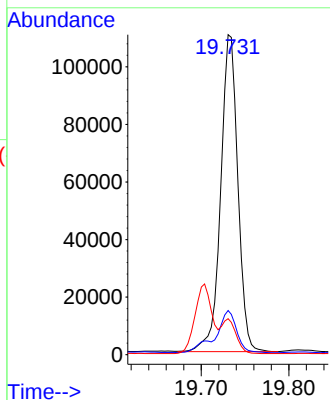
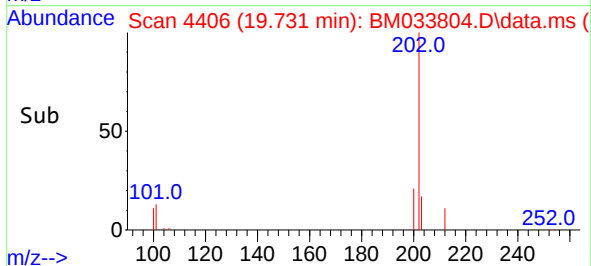
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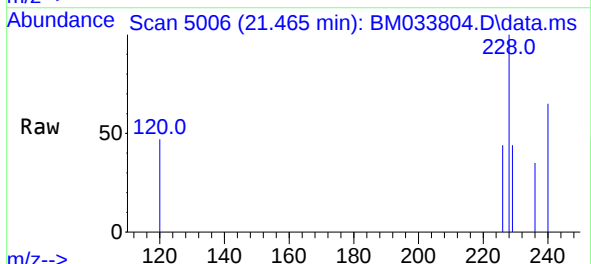
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Ion Ratio Lower Upper
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101 13.8 9.3 13.9
100 11.2 7.8 11.6

Manual Integrations
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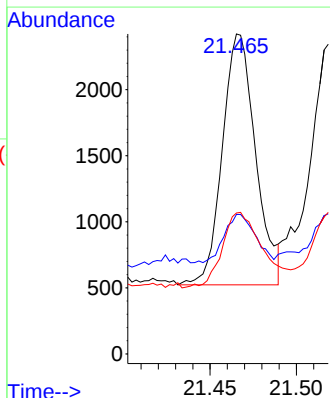
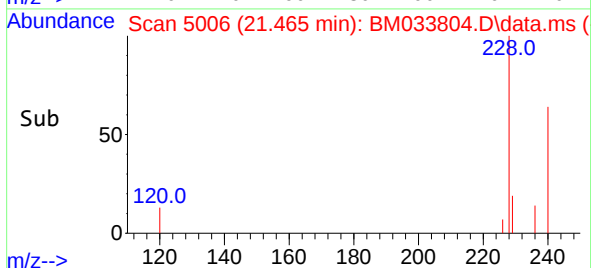
Reviewed By :Jagrut Upadhyay 01/21/2022
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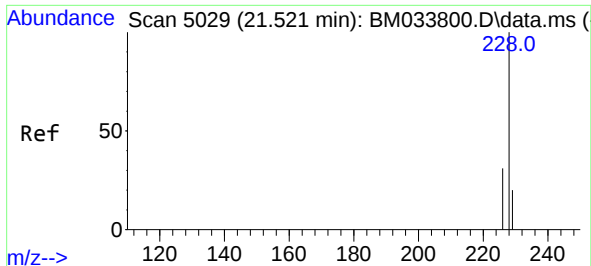


#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55



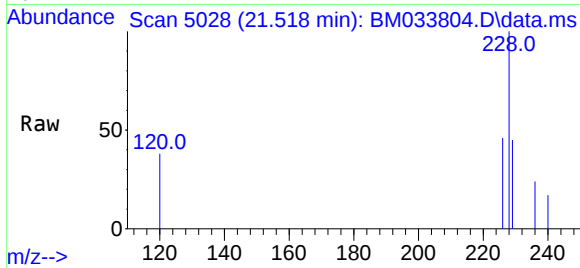
Tgt Ion:228 Resp: 2548
Ion Ratio Lower Upper
228 100
229 43.6 17.3 25.9#
226 44.1 23.2 34.8#





#22
Chrysene
Concen: 0.057 ng/ul
RT: 21.518 min Scan# 5029
Delta R.T. -0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

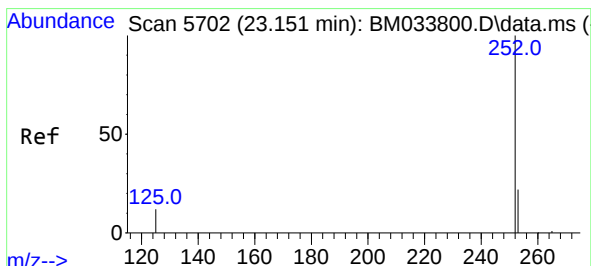
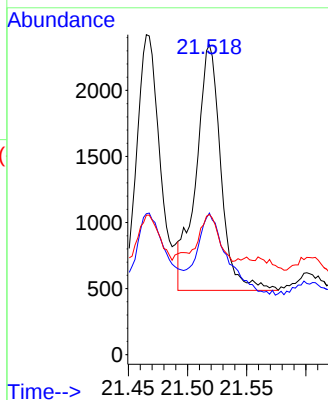
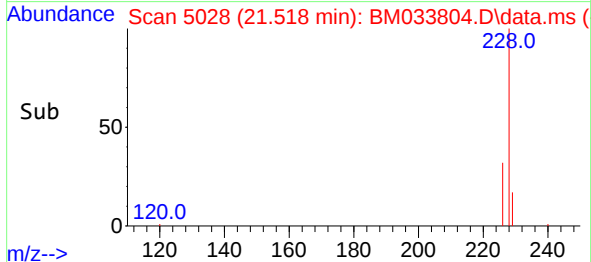
Instrument :
BNA_M
ClientSampleId :
C0F12



Tgt Ion:228 Resp: 2702
Ion Ratio Lower Upper
228 100
226 45.7 25.8 38.8#
229 45.3 16.7 25.1#

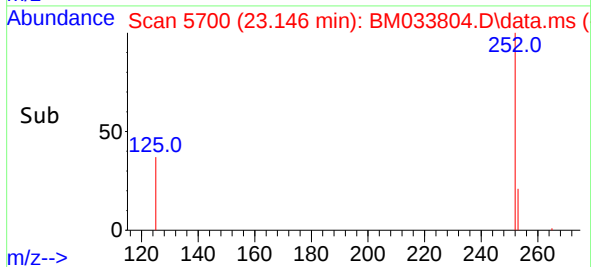
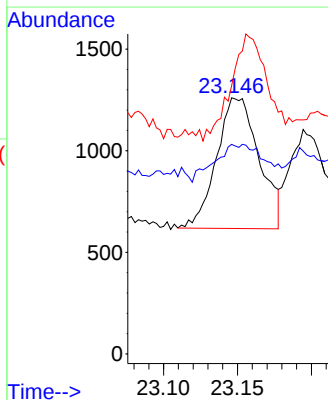
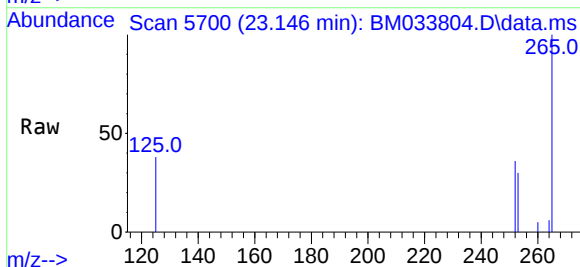
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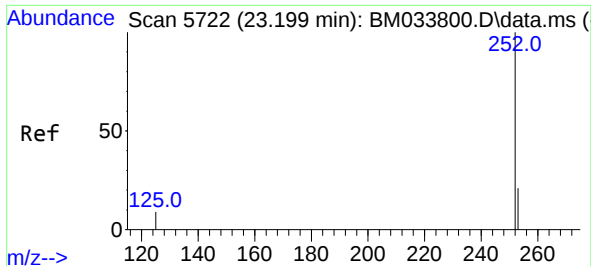
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#24
Benzo(b)fluoranthene
Concen: 0.033 ng/ul
RT: 23.146 min Scan# 5700
Delta R.T. -0.007 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

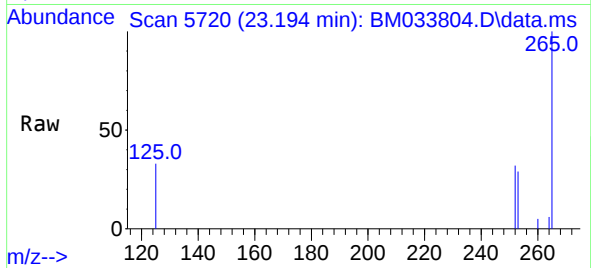
Tgt Ion:252 Resp: 1289
Ion Ratio Lower Upper
252 100
253 81.8 0.0 64.2#
125 104.8 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul
RT: 23.194 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

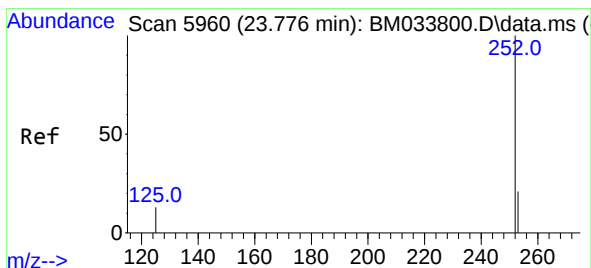
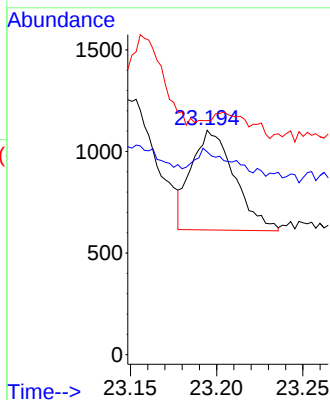
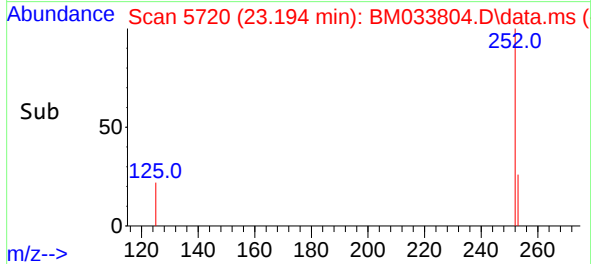
Instrument :
BNA_M
ClientSampleId :
C0F12



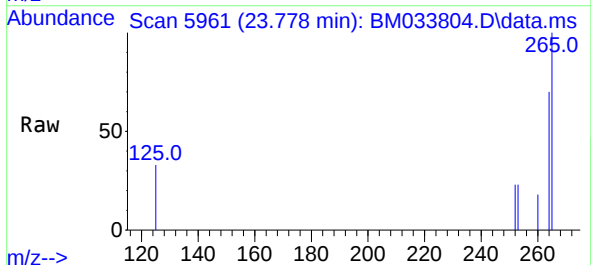
Tgt Ion:252 Resp: 854
Ion Ratio Lower Upper
252 100
253 90.4 26.8 40.2
125 104.3 12.0 18.0

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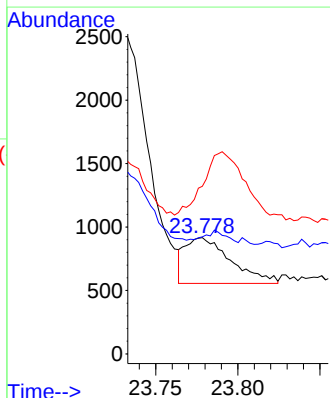
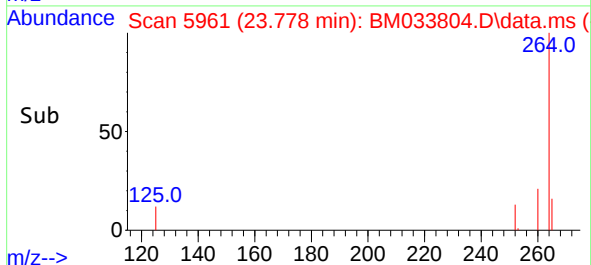
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

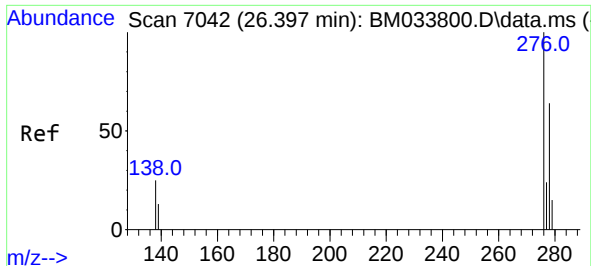


#26
Benzo(a)pyrene
Concen: 0.021 ng/ul m
RT: 23.778 min Scan# 5961
Delta R.T. -0.002 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55



Tgt Ion:252 Resp: 701
Ion Ratio Lower Upper
252 100
253 100.8 32.0 48.0#
125 144.3 14.5 21.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/u1

RT: 26.388 min Scan# 7038

Delta R.T. -0.009 min

Lab File: BM033804.D

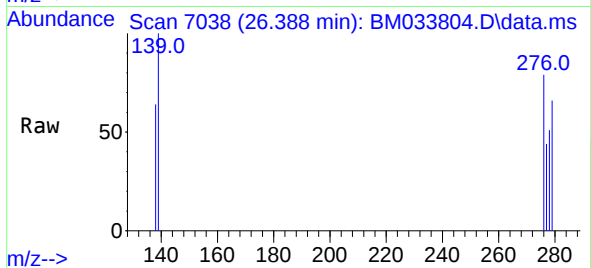
Acq: 21 Jan 2022 00:55

Instrument :

BNA_M

ClientSampleId :

C0F12



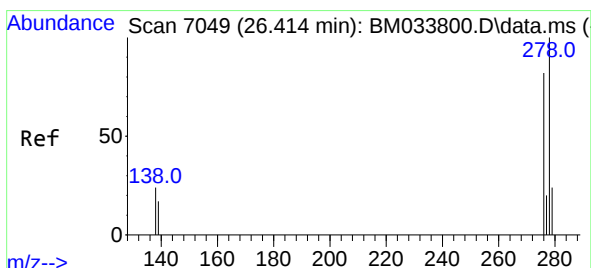
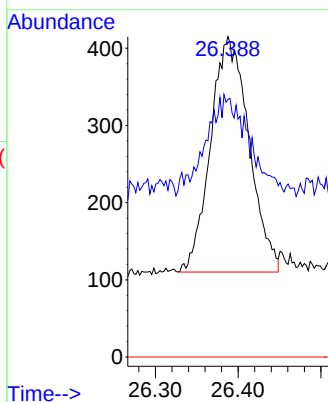
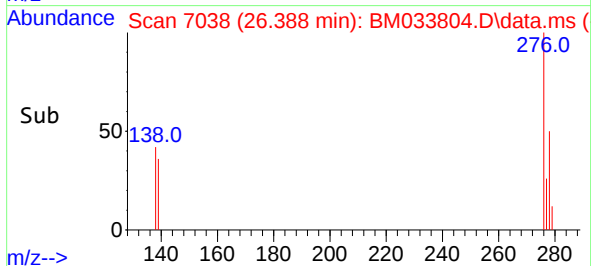
Tgt Ion: 276 Resp: 98

Ion	Ratio	Lower	Upper
276	100		
138	43.0	15.8	23.6
227	0.0	0.0	0.0

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Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/u1

RT: 26.405 min Scan# 7045

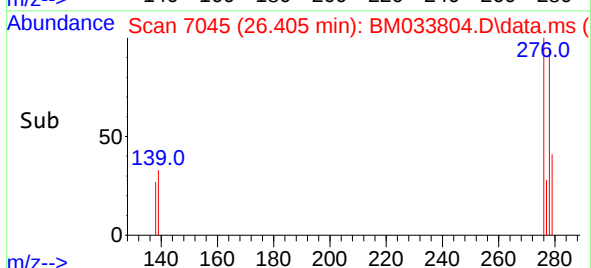
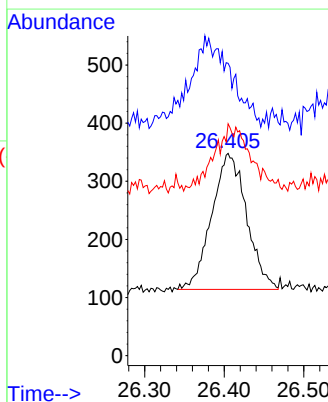
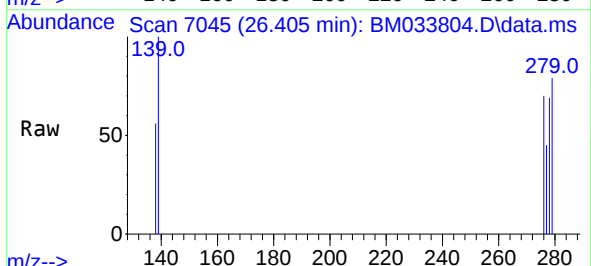
Delta R.T. -0.014 min

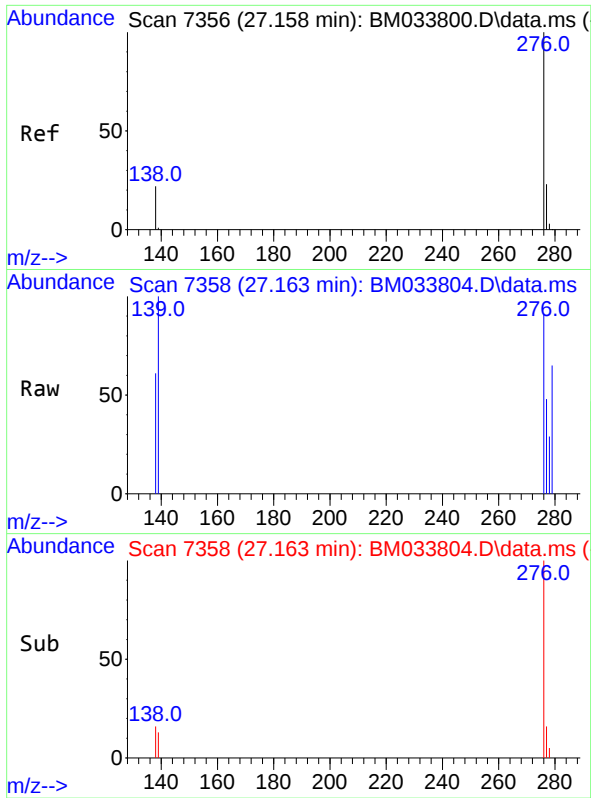
Lab File: BM033804.D

Acq: 21 Jan 2022 00:55

Tgt Ion: 278 Resp: 713

Ion	Ratio	Lower	Upper
278	100		
139	144.5	18.0	27.0#
279	114.7	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 27.163 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM033804.D
Acq: 21 Jan 2022 00:55

Instrument :
BNA_M
ClientSampleId :
C0F12

Tgt Ion:276 Resp: 96
Ion Ratio Lower Upper
276 100
138 67.4 17.4 26.0
277 53.1 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

