

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033203.D
 Acq On : 20 Nov 2021 08:00
 Operator : CG/JU
 Sample : M4725-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L07

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 00:33:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	3705	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	11350	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8366	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.312	188	17818	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.467	240	12807	0.400	ng/ul	# 0.00
23) Perylene-d12	23.804	264	9609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	16061	4.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.333	152	7301	0.464	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	21094	0.568	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	1036	0.264	ng/ul#	73
5) Naphthalene	10.804	128	7167	0.204	ng/ul#	68
7) 2-Methylnaphthalene	12.405	142	926	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	9852	0.438	ng/ul	95
10) Acenaphthylene	14.298	152	38903	0.995	ng/ul#	92
11) Acenaphthene	14.643	153	3243427	101.093	ng/ul	99
12) Fluorene	15.621	166	775746	21.428	ng/ul	97
14) Pentachlorophenol	16.958	266	362	0.061	ng/ul	96
15) Phenanthrene	17.354	178	13740m	0.213	ng/ul	
16) Anthracene	17.444	178	119058	2.279	ng/ul#	95
19) Fluoranthene	19.356	202	452590	7.342	ng/ul	99
20) Pyrene	19.722	202	310819	5.079	ng/ul	97
21) Benzo(a)anthracene	21.450	228	11262	0.246	ng/ul#	92
22) Chrysene	21.501	228	8185m	0.163	ng/ul	
24) Benzo(b)fluoranthene	23.097	252	3460	0.080	ng/ul#	30
25) Benzo(k)fluoranthene	23.143	252	1332	0.031	ng/ul#	1
26) Benzo(a)pyrene	23.705	252	1349	0.037	ng/ul#	9

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

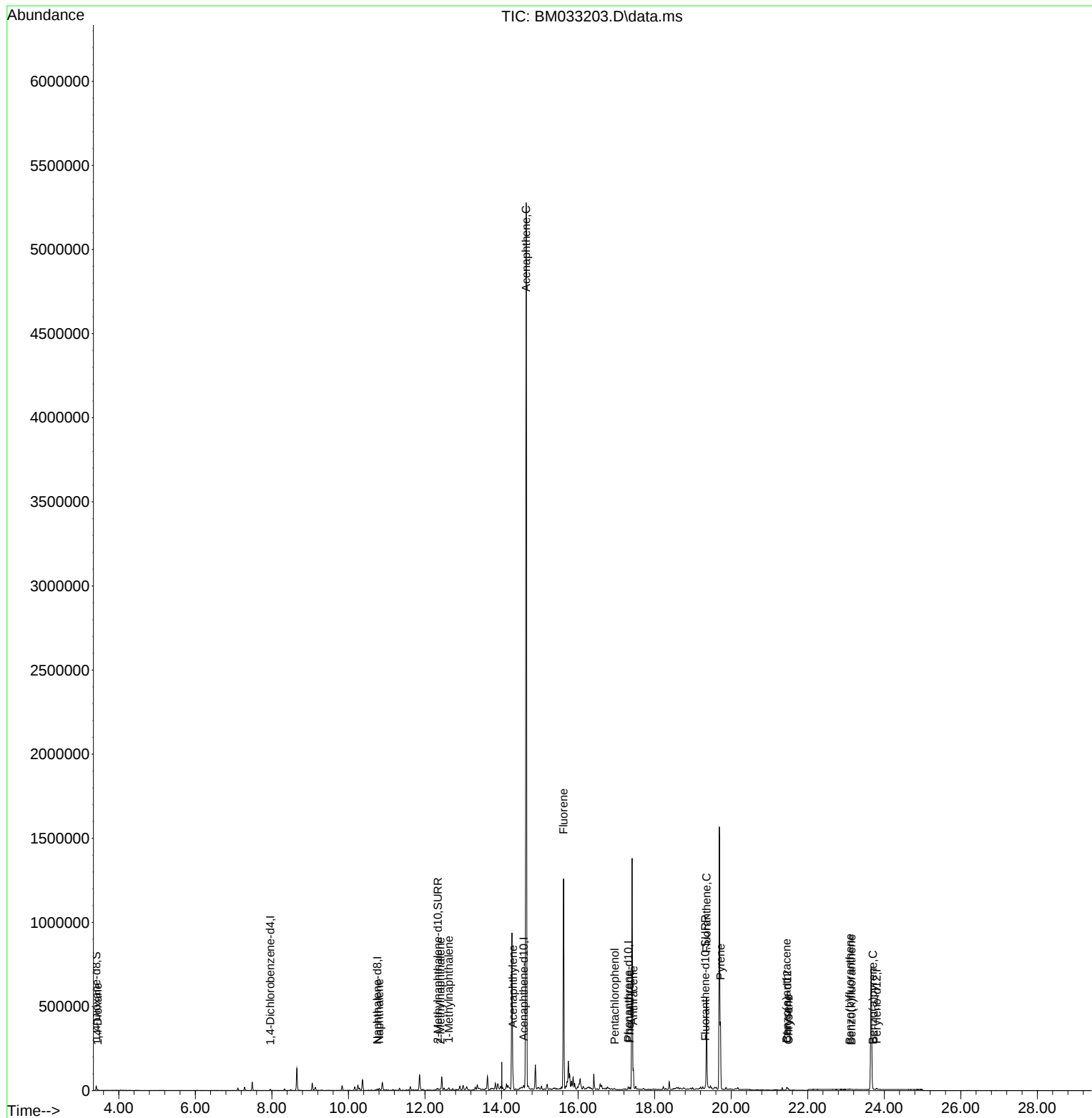
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033203.D
Acq On : 20 Nov 2021 08:00
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Sample : M4725-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

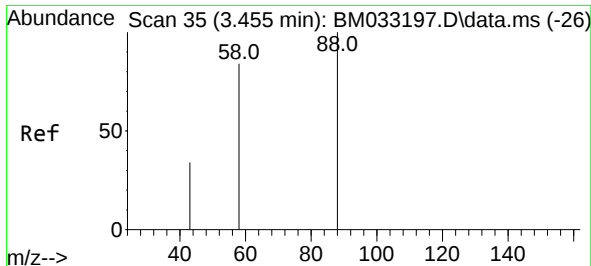
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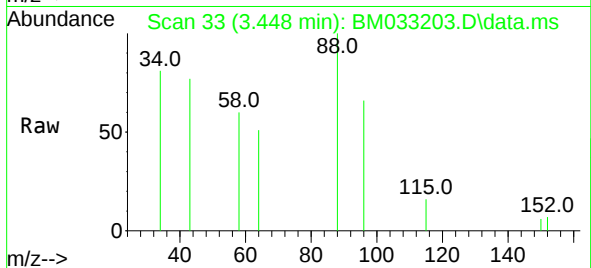
Quant Time: Nov 22 00:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.264 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

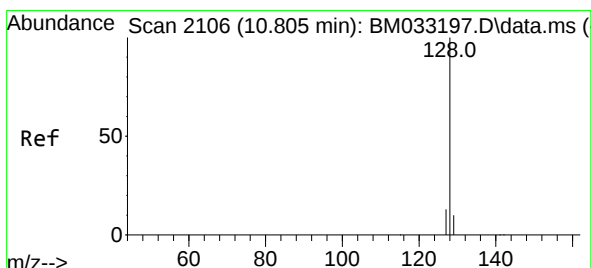
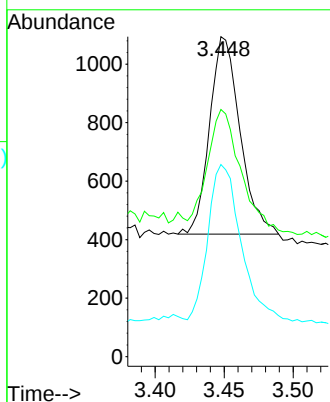
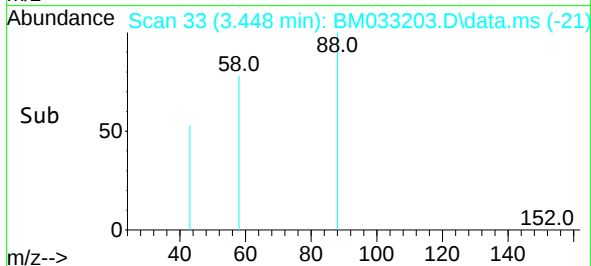
Instrument :
BNA_M
ClientSampleId :
F4L07



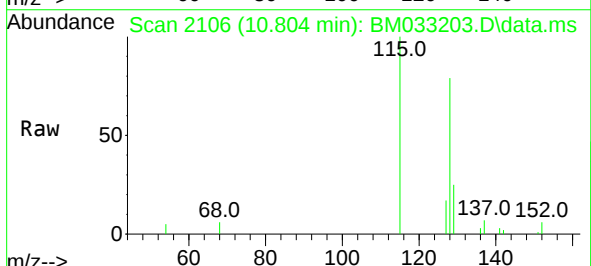
Tgt Ion: 88 Resp: 1030
Ion Ratio Lower Upper
88 100
43 77.2 35.8 53.8#
58 60.1 55.8 83.8#

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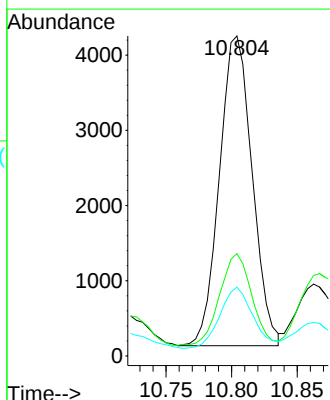
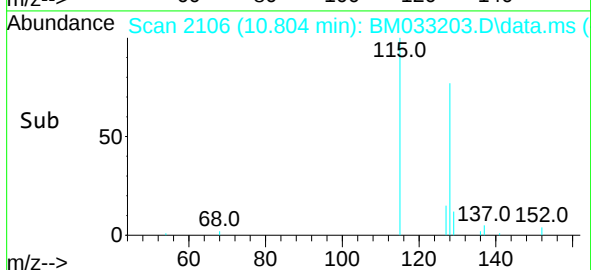
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

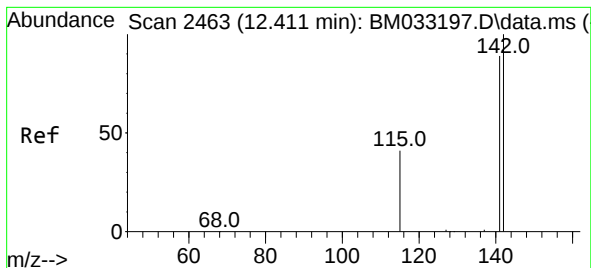


#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.804 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



Tgt Ion:128 Resp: 7167
Ion Ratio Lower Upper
128 100
129 32.0 9.8 14.6#
127 21.5 11.8 17.8#





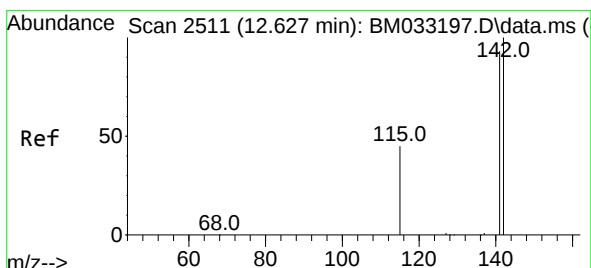
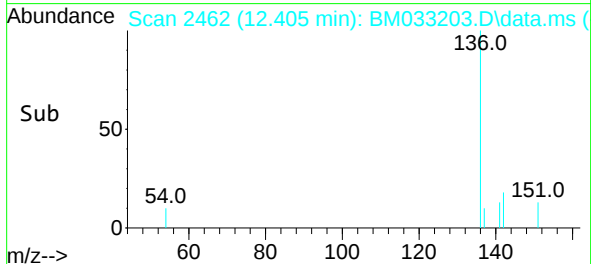
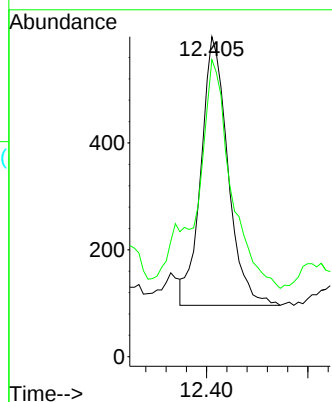
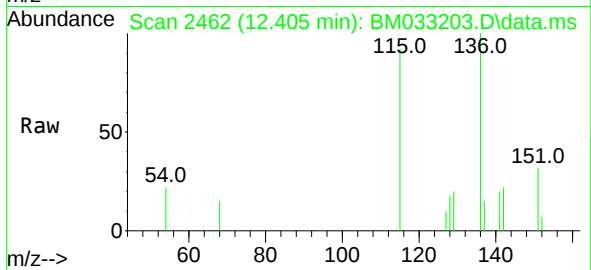
#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.405 min Scan# 2463
Delta R.T. -0.010 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 920
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9

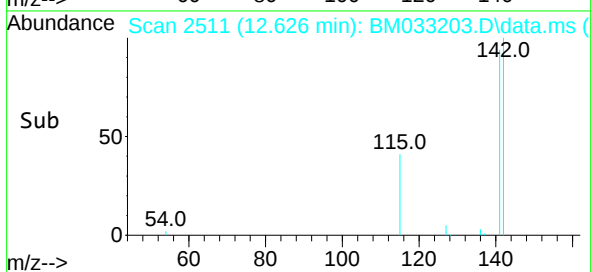
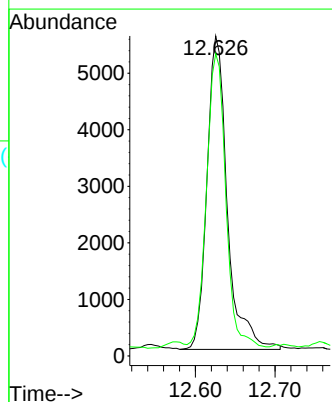
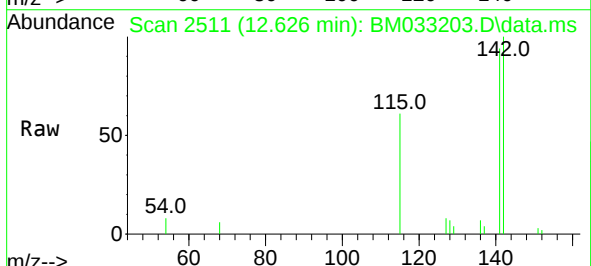
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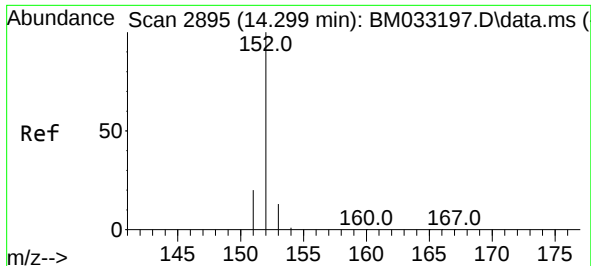
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.626 min Scan# 2511
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

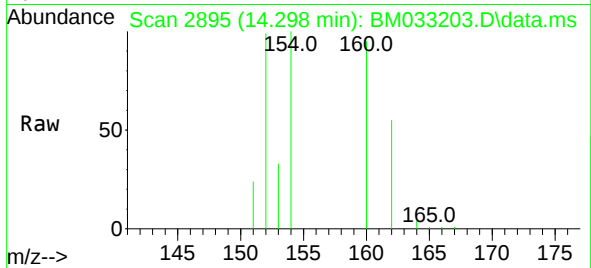
Tgt Ion:142 Resp: 9852
Ion Ratio Lower Upper
142 100
141 88.2 74.5 111.7





#10
Acenaphthylene
Concen: 0.995 ng/ul
RT: 14.298 min Scan# 2895
Delta R.T. -0.005 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

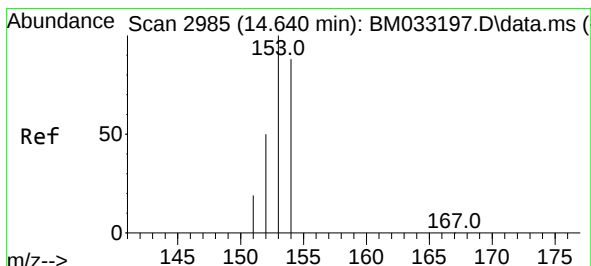
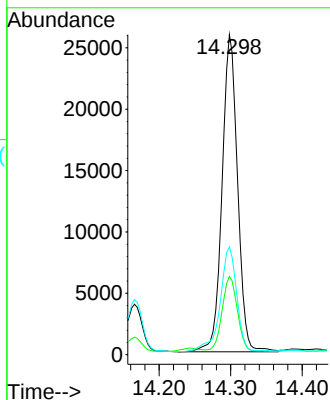
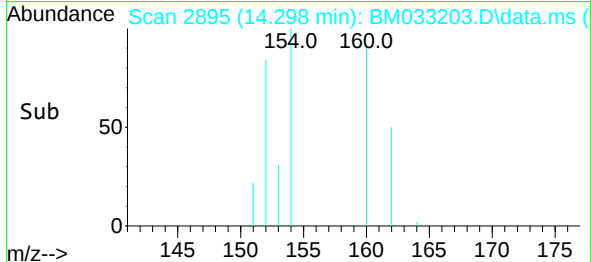
Instrument :
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ClientSampleId :
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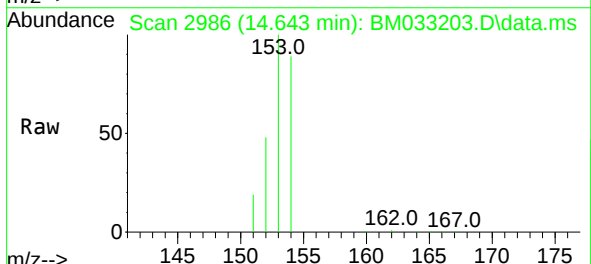
Tgt Ion:152 Resp: 3890
Ion Ratio Lower Upper
152 100
151 24.4 16.7 25.1
153 33.7 0.0 0.0

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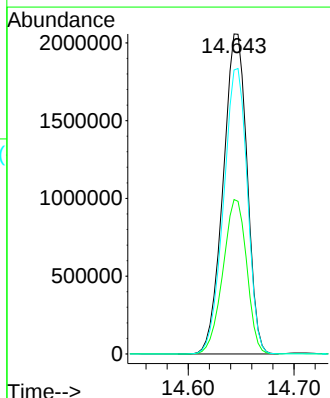
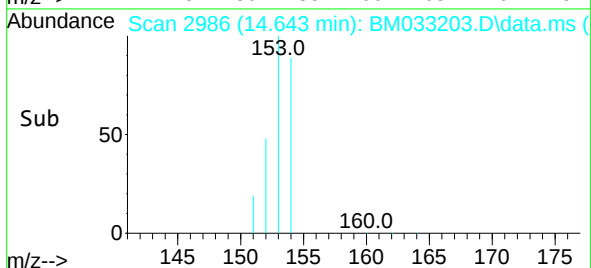
Reviewed By :Jagrut Upadhyay 11/22/2021
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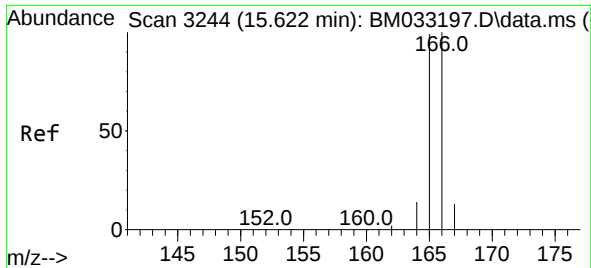


#11
Acenaphthene
Concen: 101.093 ng/ul
RT: 14.643 min Scan# 2986
Delta R.T. -0.001 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



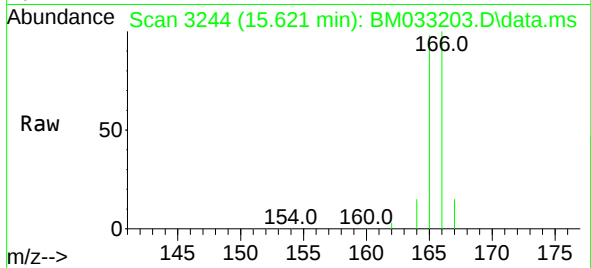
Tgt Ion:153 Resp: 3243427
Ion Ratio Lower Upper
153 100
152 48.3 40.6 60.8
154 88.8 70.8 106.2





#12
Fluorene
Concen: 21.428 ng/ul
RT: 15.621 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

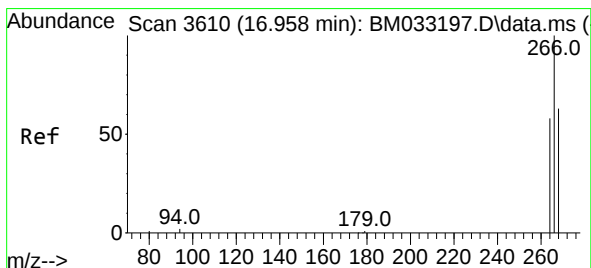
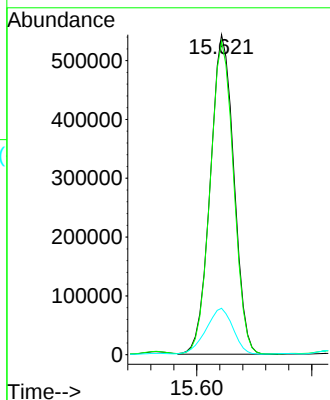
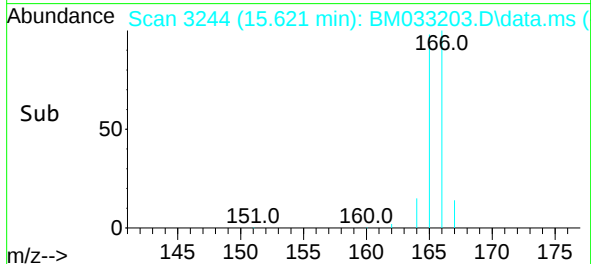
Instrument :
BNA_M
ClientSampleId :
F4L07



Tgt Ion:166 Resp: 775740
Ion Ratio Lower Upper
166 100
165 97.9 80.8 121.2
167 14.5 11.7 17.5

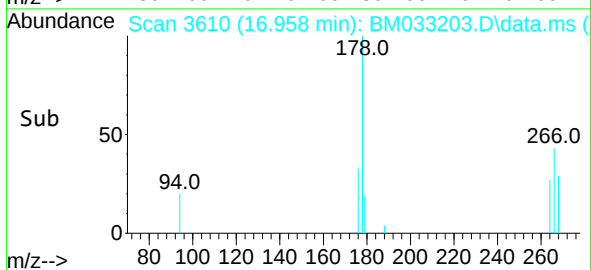
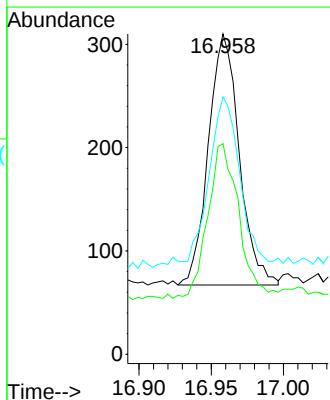
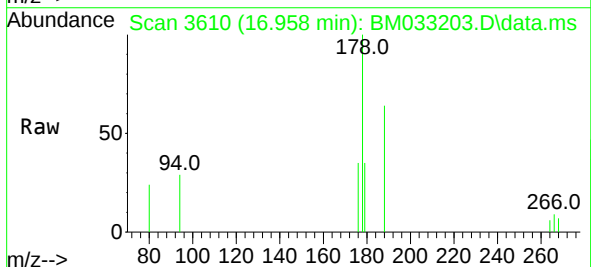
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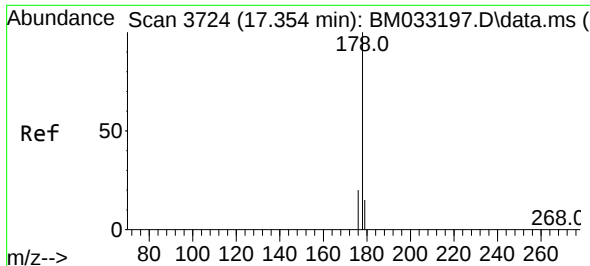
Reviewed By :Jagrut Upadhyay 11/22/2021
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#14
Pentachlorophenol
Concen: 0.061 ng/ul
RT: 16.958 min Scan# 3610
Delta R.T. -0.008 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

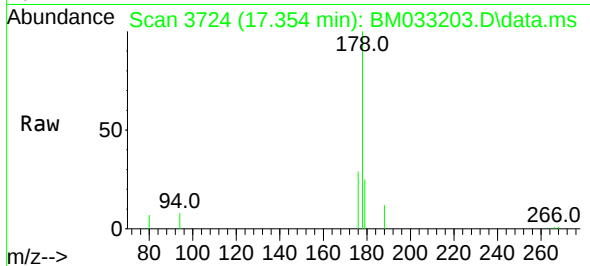
Tgt Ion:266 Resp: 362
Ion Ratio Lower Upper
266 100
264 62.2 51.2 76.8
268 62.2 52.9 79.3





#15
Phenanthrene
Concen: 0.213 ng/ul m
RT: 17.354 min Scan# 3724
Delta R.T. -0.004 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

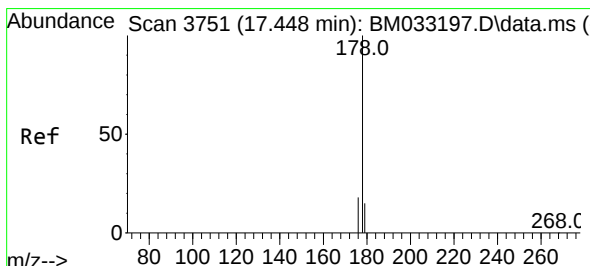
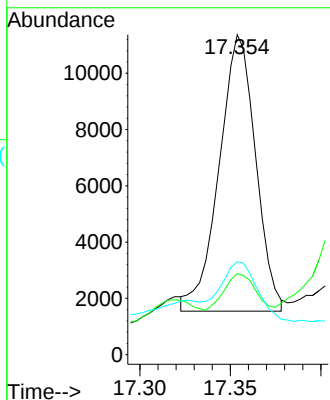
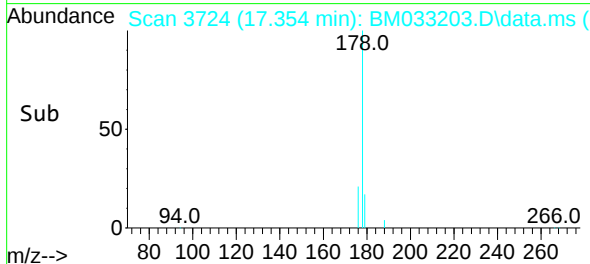
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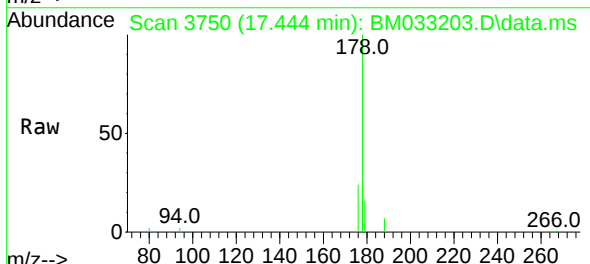
Tgt Ion:178 Resp: 13740
Ion Ratio Lower Upper
178 100
179 25.3 12.9 19.3
176 29.0 16.0 24.0

Manual Integrations
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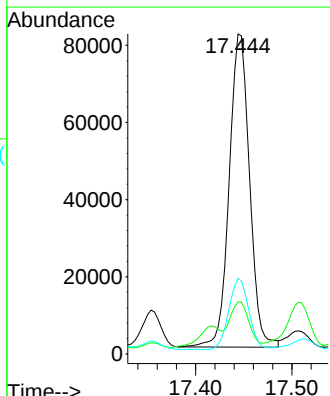
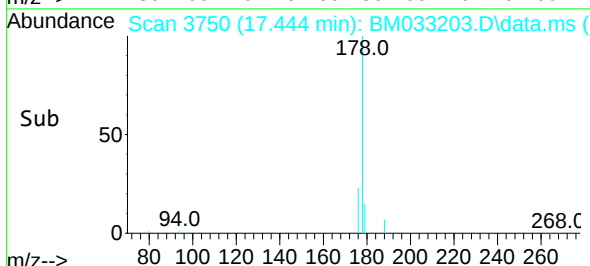
Reviewed By :Jagrut Upadhyay 11/22/2021
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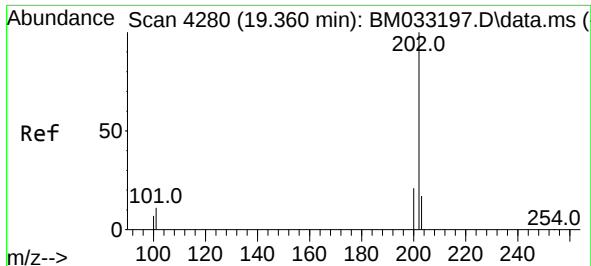


#16
Anthracene
Concen: 2.279 ng/ul
RT: 17.444 min Scan# 3750
Delta R.T. -0.008 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



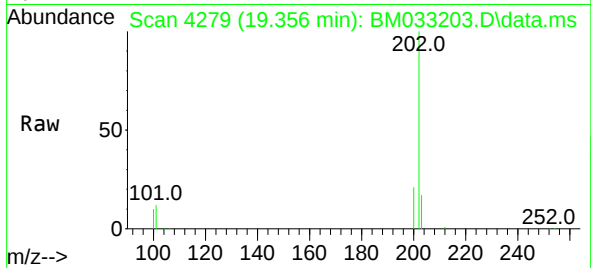
Tgt Ion:178 Resp: 119058
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 23.6 15.6 23.4





#19
Fluoranthene
Concen: 7.342 ng/u1
RT: 19.356 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

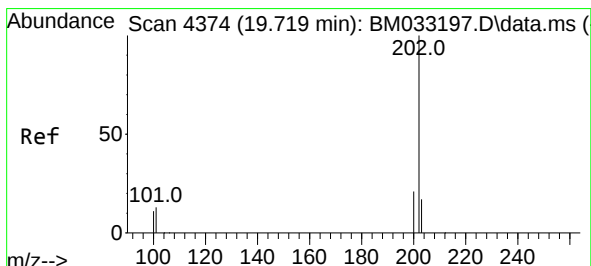
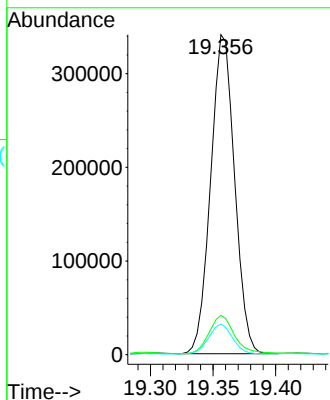
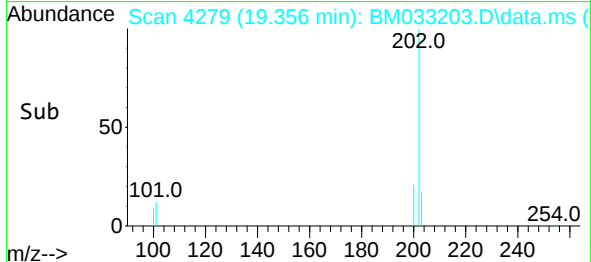
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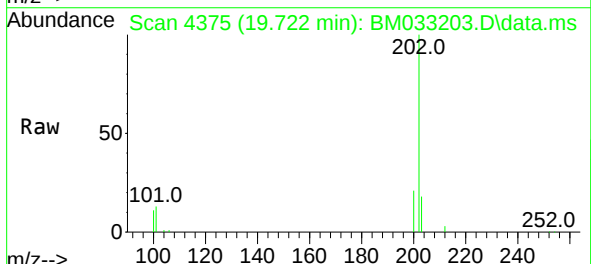
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Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 9.5 7.3 10.9

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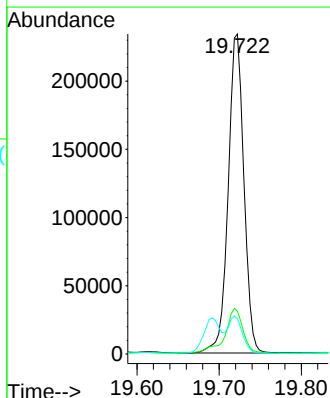
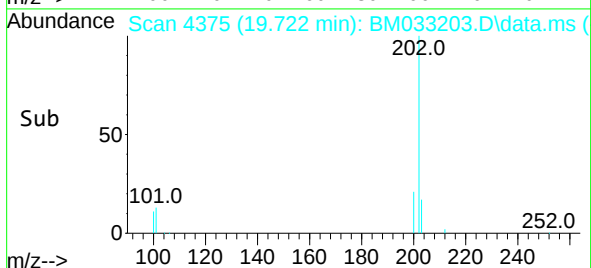
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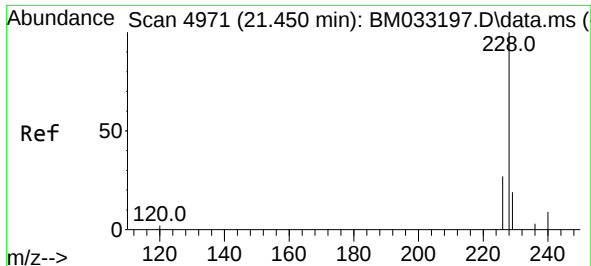


#20
Pyrene
Concen: 5.079 ng/u1
RT: 19.722 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



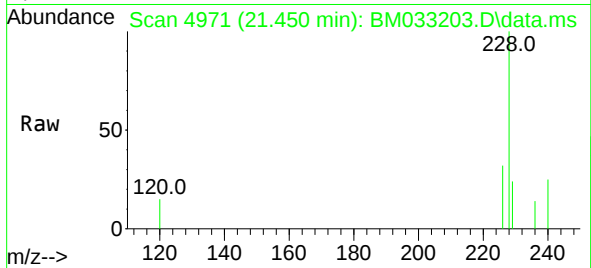
Tgt Ion:202 Resp: 310819
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 11.0 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.246 ng/ul
RT: 21.450 min Scan# 4971
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

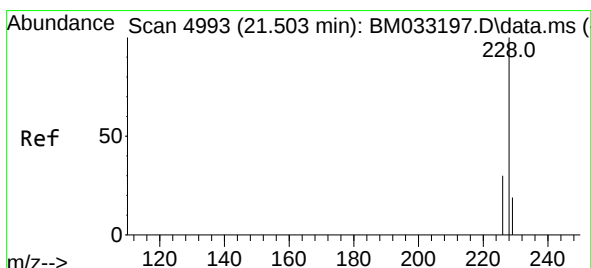
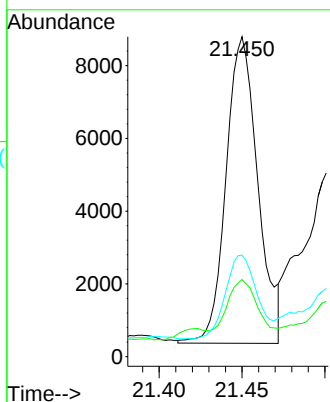
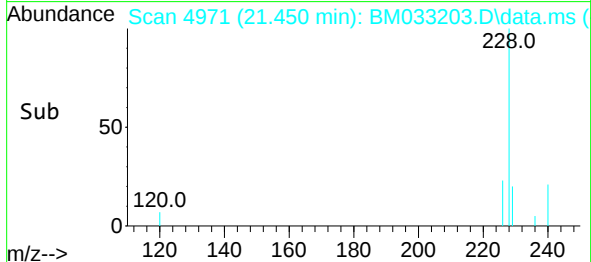
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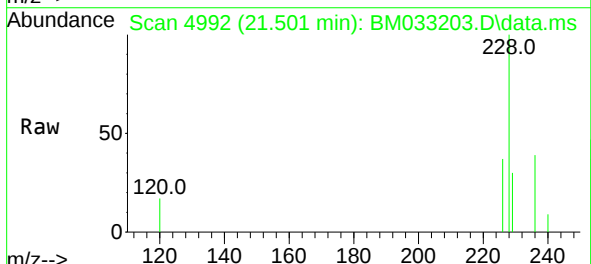
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Ion Ratio Lower Upper
228 100
229 24.1 15.7 23.5
226 31.7 22.4 33.6

Manual Integrations
APPROVED

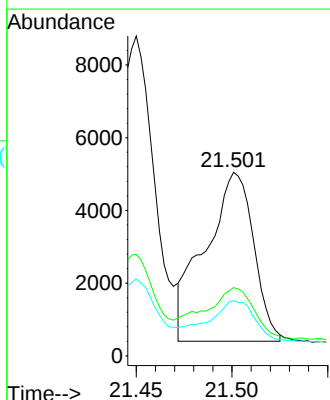
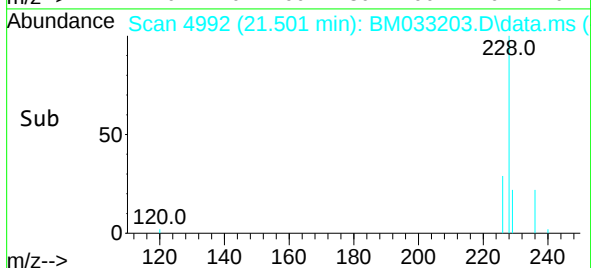
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

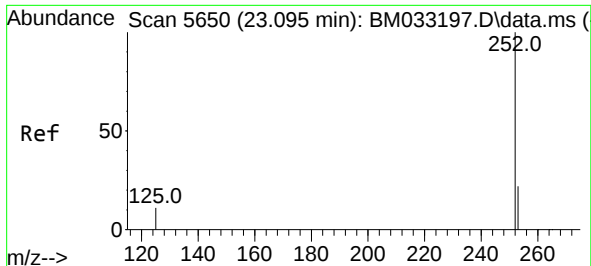


#22
Chrysene
Concen: 0.163 ng/ul m
RT: 21.501 min Scan# 4992
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



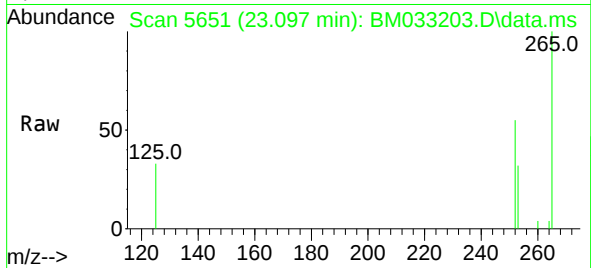
Tgt Ion:228 Resp: 8185
Ion Ratio Lower Upper
228 100
226 37.2 24.9 37.3
229 30.2 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul
RT: 23.097 min Scan# 5650
Delta R.T. -0.004 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

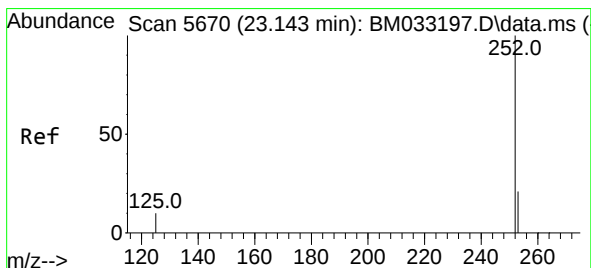
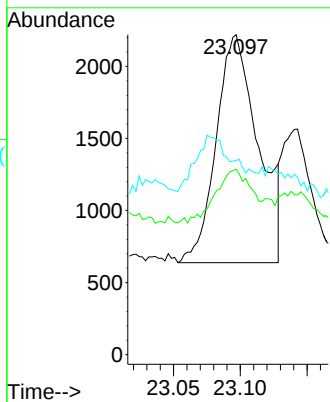
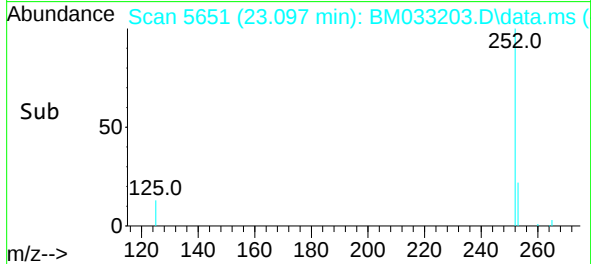
Instrument :
BNA_M
ClientSampleId :
F4L07



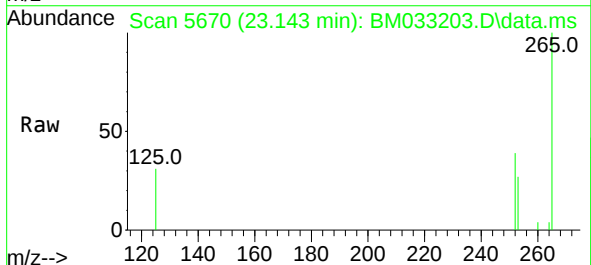
Tgt Ion:252 Resp: 3460
Ion Ratio Lower Upper
252 100
253 57.9 0.0 59.2
125 60.7 0.0 34.2

Manual Integrations
APPROVED

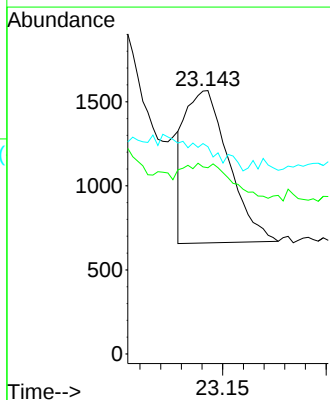
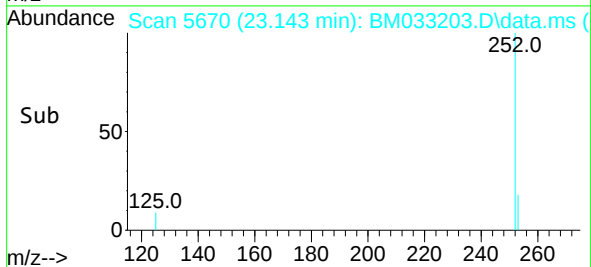
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

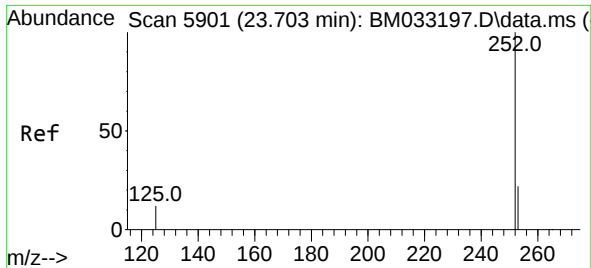


#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul
RT: 23.143 min Scan# 5670
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00



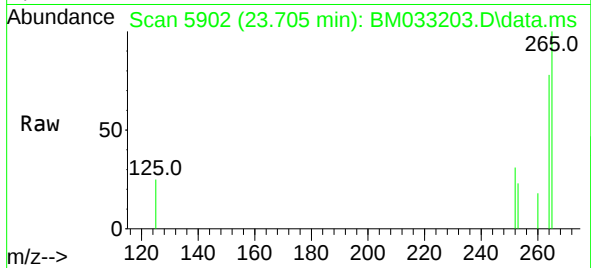
Tgt Ion:252 Resp: 1332
Ion Ratio Lower Upper
252 100
253 70.8 23.1 34.7#
125 78.7 14.6 21.8#





#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.705 min Scan# 5901
Delta R.T. -0.006 min
Lab File: BM033203.D
Acq: 20 Nov 2021 08:00

Instrument :
BNA_M
ClientSampleId :
F4L07



Tgt Ion:252 Resp: 1349
Ion Ratio Lower Upper
252 100
253 73.9 27.1 40.7
125 80.9 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

