

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037140.D
 Acq On : 18 Oct 2022 08:22
 Operator : CG/JU
 Sample : N4984-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 08:52:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	15597	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.547	164	7961	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	15003	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	8846	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	8107	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	21991	3.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	4621	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	7350	0.278	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.330	178	5310	0.111	ng/ul	97
16) Anthracene	17.419	178	1195	0.030	ng/ul#	81
19) Fluoranthene	19.340	202	11123	0.316	ng/ul	96
20) Pyrene	19.703	202	10744m	0.293	ng/ul	
21) Benzo(a)anthracene	21.447	228	3415	0.107	ng/ul	97
22) Chrysene	21.500	228	5235	0.153	ng/ul	98
24) Benzo(b)fluoranthene	23.122	252	6708	0.185	ng/ul#	77
25) Benzo(k)fluoranthene	23.166	252	2177m	0.062	ng/ul	
26) Benzo(a)pyrene	23.739	252	3723	0.127	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.323	276	2945	0.071	ng/ul	95
28) Dibenzo(a,h)anthracene	26.336	278	873	0.026	ng/ul#	39
29) Benzo(g,h,i)perylene	27.087	276	2380	0.065	ng/ul#	81

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

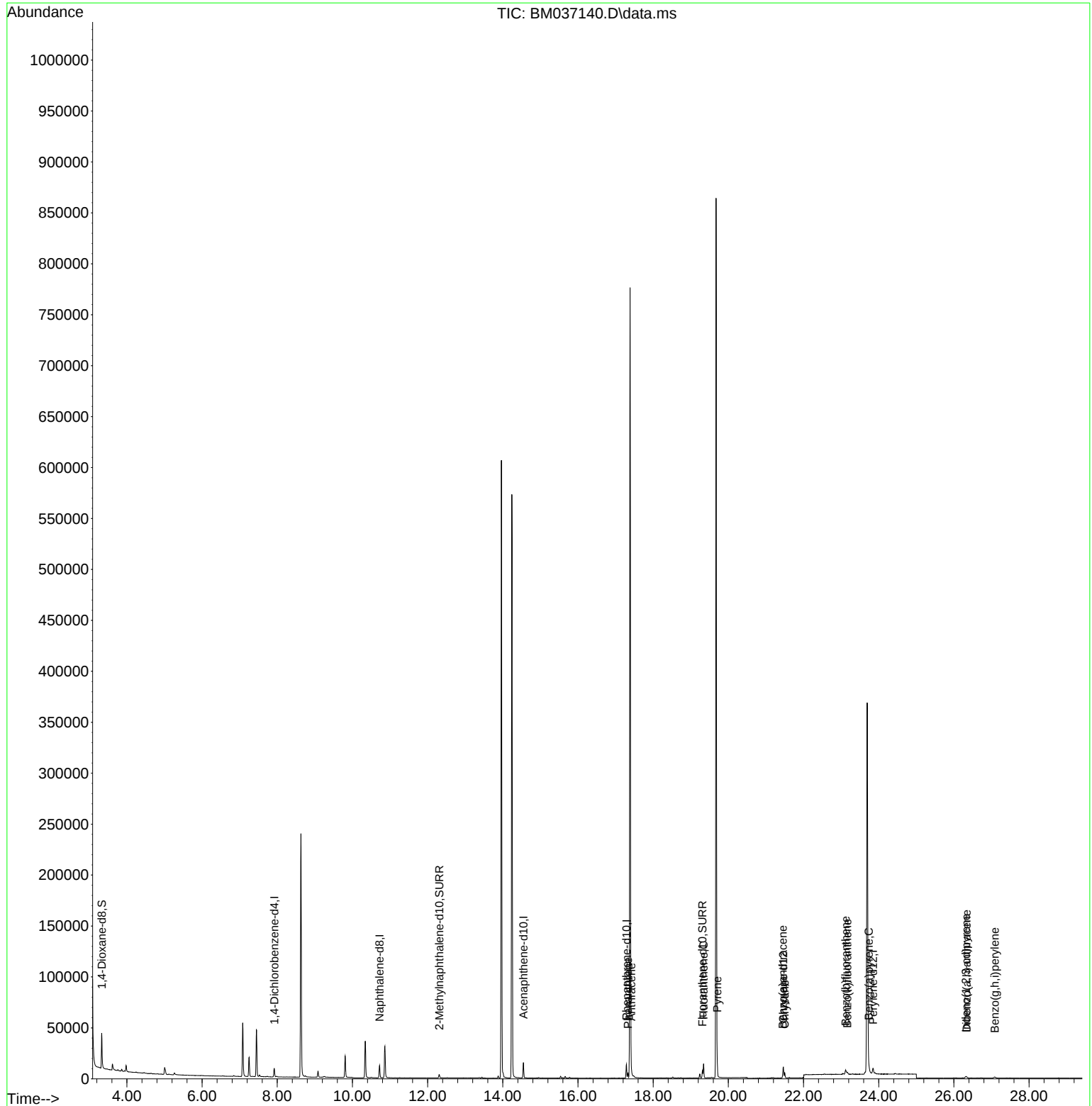
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037140.D
Acq On : 18 Oct 2022 08:22
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ALS Vial : 40 Sample Multiplier: 1

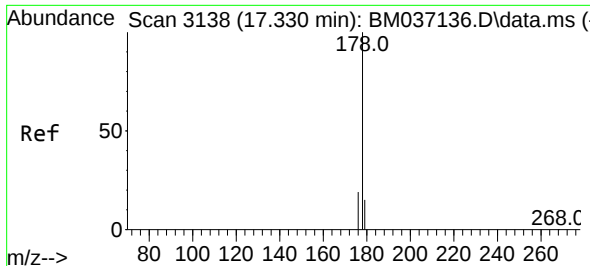
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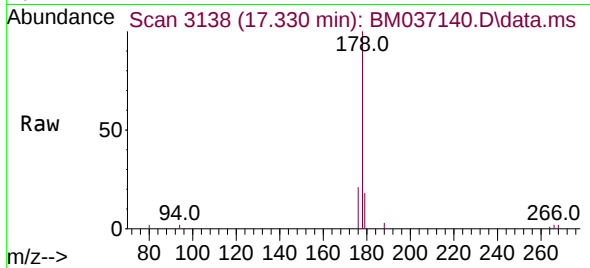
Quant Time: Oct 18 08:52:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
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#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.330 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

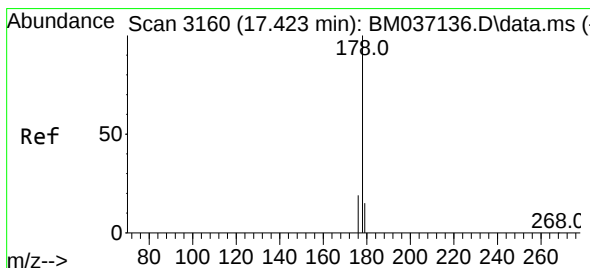
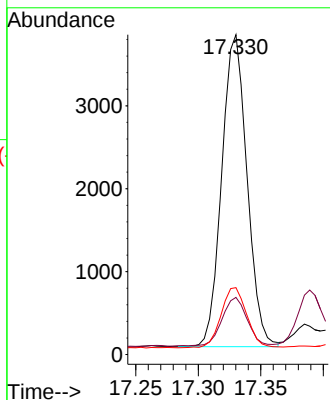
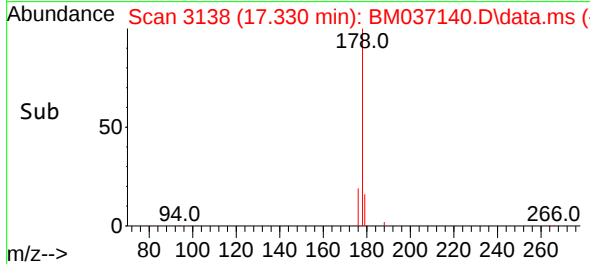
Instrument :
BNA_M
ClientSampleId :
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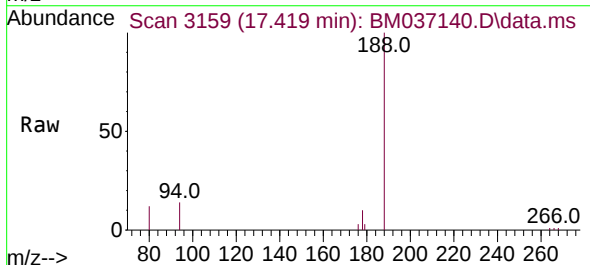
Tgt Ion:178 Resp: 5310
Ion Ratio Lower Upper
178 100
179 17.9 13.0 19.6
176 20.9 15.6 23.4

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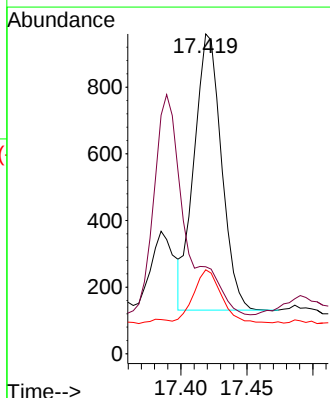
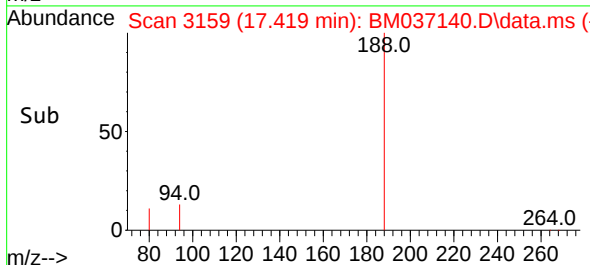
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

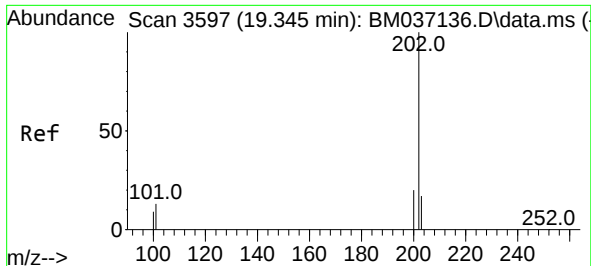


#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.419 min Scan# 3159
Delta R.T. -0.013 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22



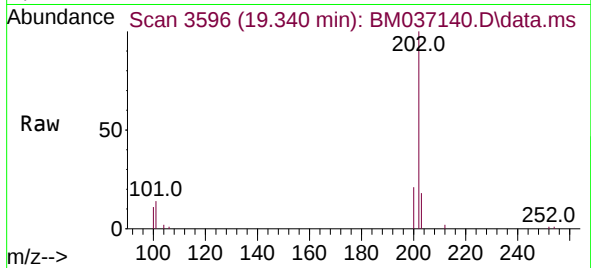
Tgt Ion:178 Resp: 1195
Ion Ratio Lower Upper
178 100
179 27.2 13.6 20.4#
176 26.3 15.6 23.4#





#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.340 min Scan# 3596
Delta R.T. -0.009 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

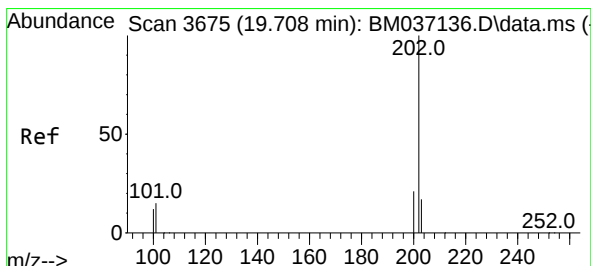
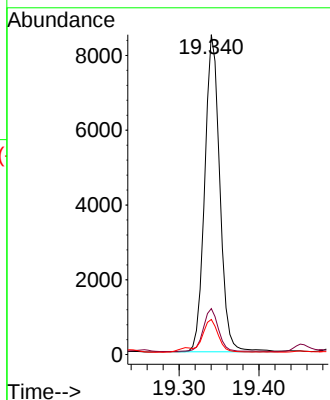
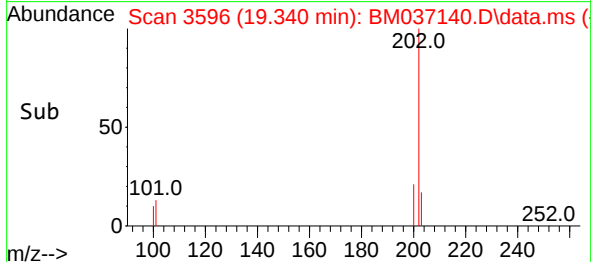
Instrument :
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Tgt Ion:202 Resp: 11123
Ion Ratio Lower Upper
202 100
101 14.4 10.1 15.1
100 11.0 7.9 11.9

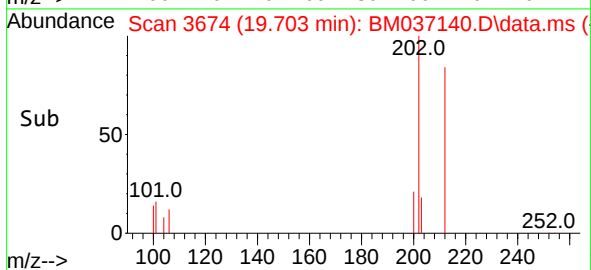
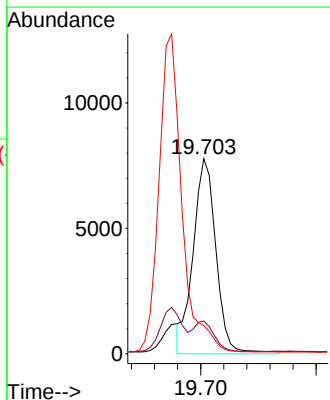
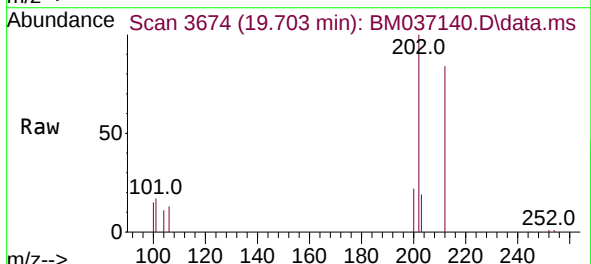
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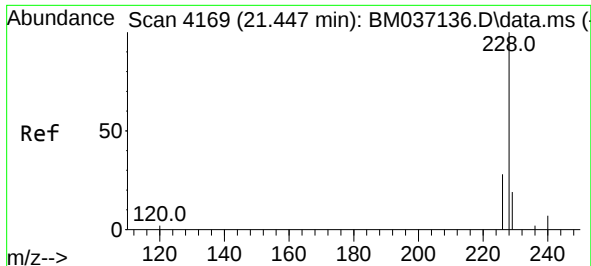
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#20
Pyrene
Concen: 0.293 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

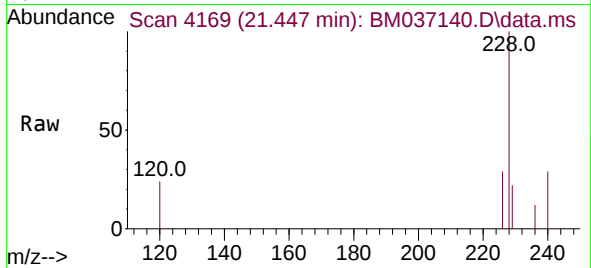
Tgt Ion:202 Resp: 10744
Ion Ratio Lower Upper
202 100
101 16.8 12.0 18.0
100 14.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

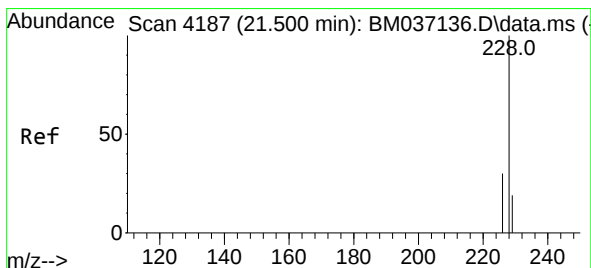
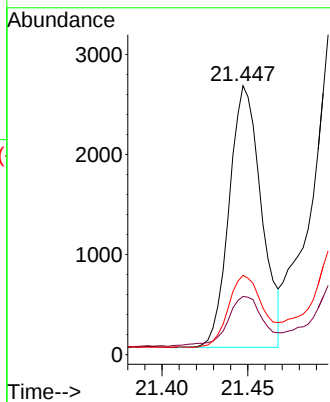
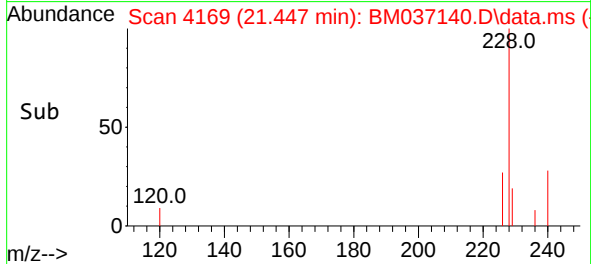
Instrument :
BNA_M
ClientSampleId :
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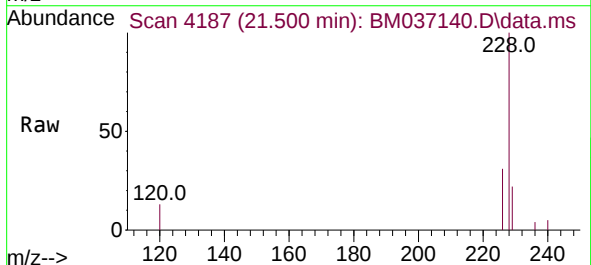
Tgt Ion:228 Resp: 3415
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 29.5 22.5 33.7

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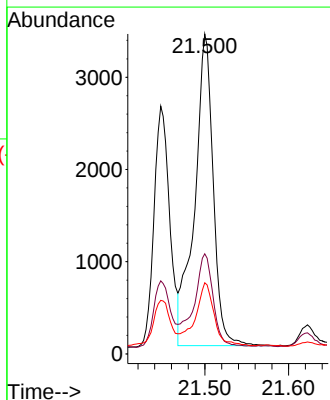
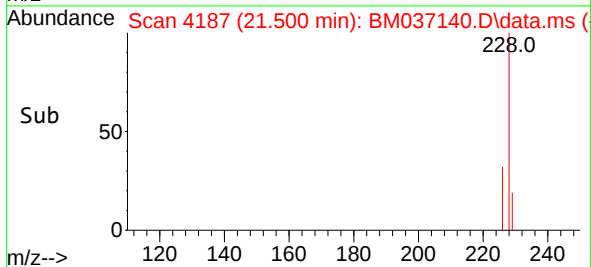
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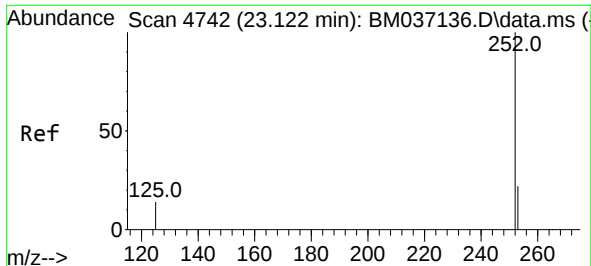


#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22



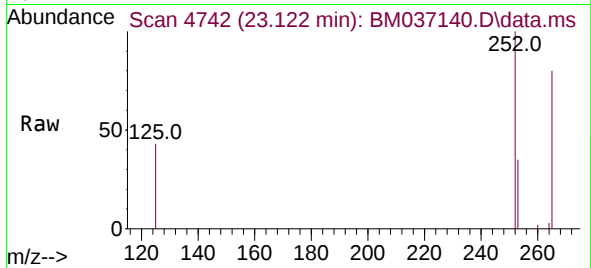
Tgt Ion:228 Resp: 5235
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.185 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

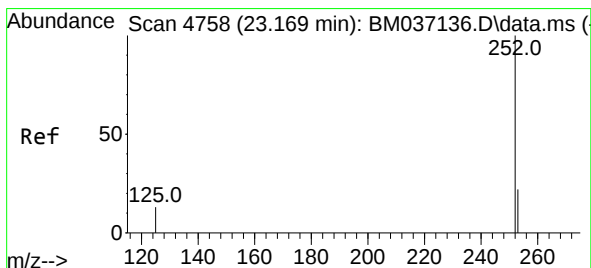
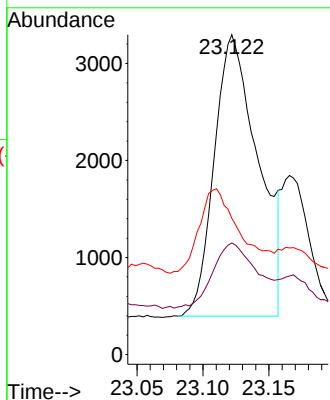
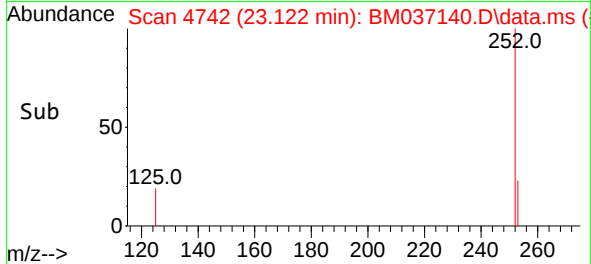
Instrument :
BNA_M
ClientSampleId :
BGNB5



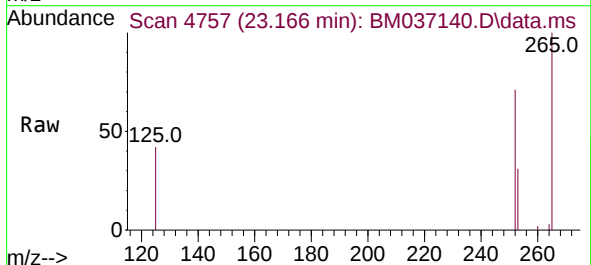
Tgt Ion:252 Resp: 6708
Ion Ratio Lower Upper
252 100
253 34.9 0.0 61.4
125 42.6 0.0 42.6

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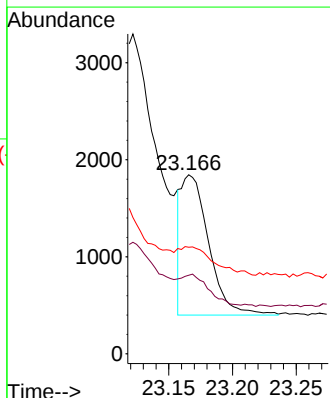
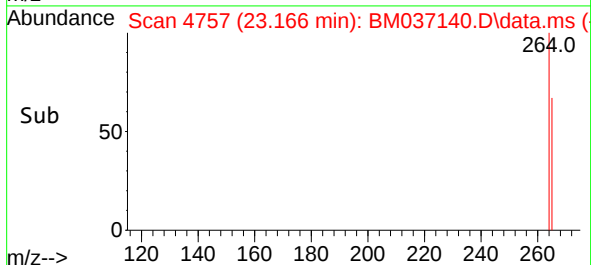
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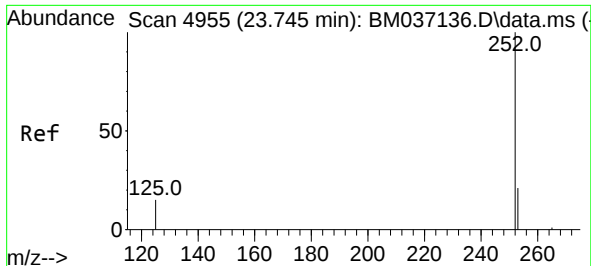


#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22



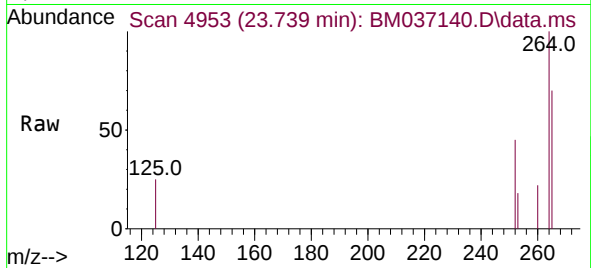
Tgt Ion:252 Resp: 2177
Ion Ratio Lower Upper
252 100
253 43.9 25.2 37.8#
125 59.5 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

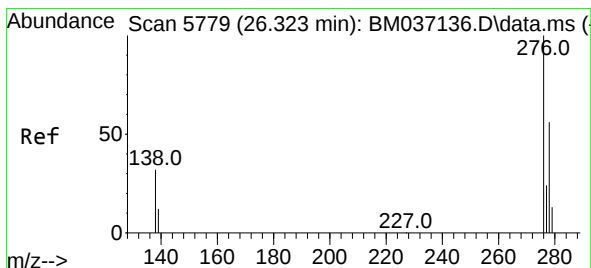
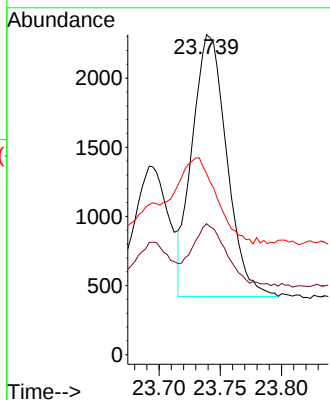
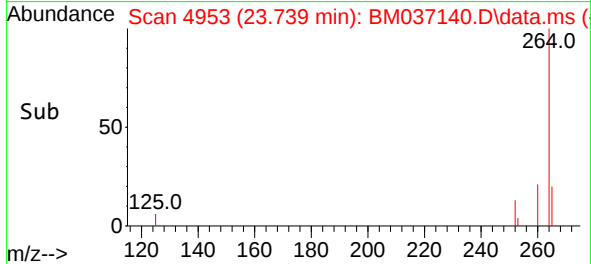
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ClientSampleId :
BGNB5



Tgt Ion:252 Resp: 3723
Ion Ratio Lower Upper
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253 41.0 29.7 44.5
125 56.6 23.6 35.4

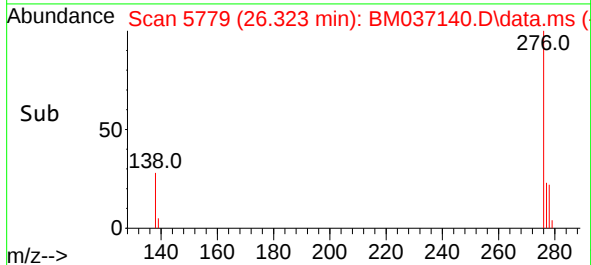
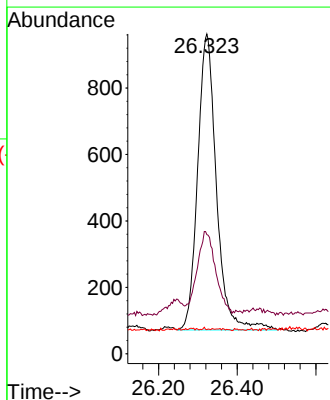
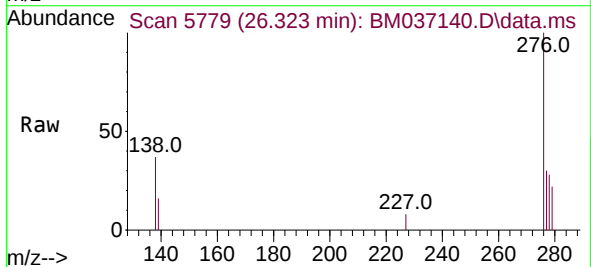
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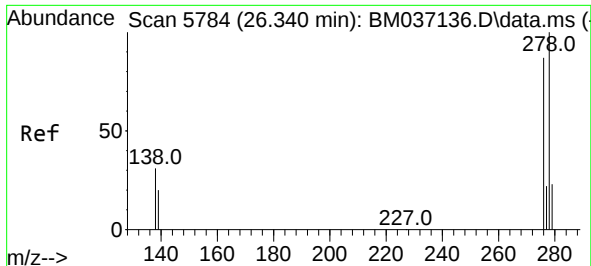
Reviewed By :Jagrut Upadhyay 10/18/2022
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

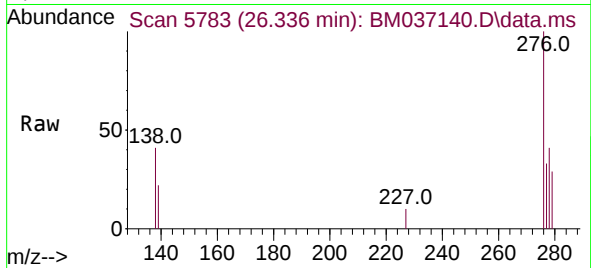
Tgt Ion:276 Resp: 2945
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 26.336 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22

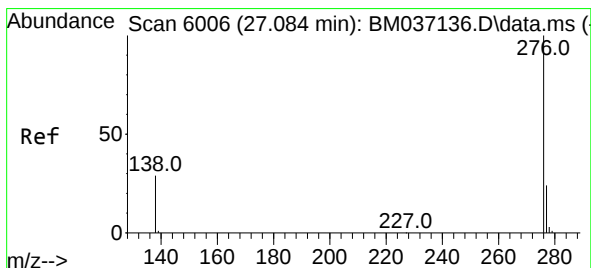
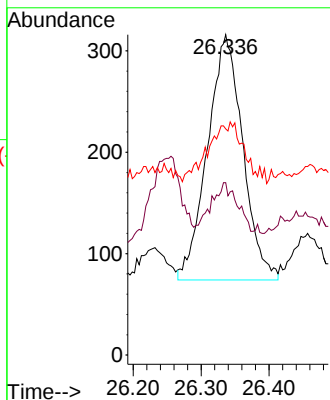
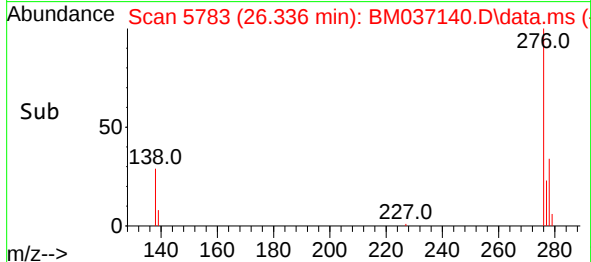
Instrument :
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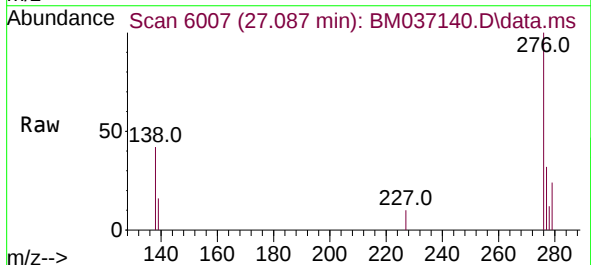
Tgt Ion:278 Resp: 873
Ion Ratio Lower Upper
278 100
139 53.8 19.8 29.6
279 70.6 27.7 41.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.000 min
Lab File: BM037140.D
Acq: 18 Oct 2022 08:22



Tgt Ion:276 Resp: 2380
Ion Ratio Lower Upper
276 100
138 42.3 23.4 35.0#
277 32.3 21.0 31.4#

