

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
 Data File : BN020920.D
 Acq On : 29 Jul 2022 13:48
 Operator : CG/JU
 Sample : N3890-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBEA3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2022
 Supervised By :mohammad ahmed 08/02/2022

Quant Time: Jul 29 17:37:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	2539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136	9043	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.460	164	5578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	11676	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	9505	0.400	ng/ul	-0.01
23) Perylene-d12	23.764	264	7435	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	1104m	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3912	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	11092	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5019	1.601	ng/ul#	84
5) Naphthalene	10.656	128	6997	0.247	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	4464	0.249	ng/ul	99
8) 1-Methylnaphthalene	12.498	142	4783	0.276	ng/ul	99
10) Acenaphthylene	14.183	152	6750	0.243	ng/ul	100
11) Acenaphthene	14.525	153	5399	0.241	ng/ul	99
12) Fluorene	15.515	166	6122	0.249	ng/ul	97
14) Pentachlorophenol	16.875	266	1230	0.700	ng/ul	99
15) Phenanthrene	17.255	178	11091	0.259	ng/ul	99
16) Anthracene	17.348	178	9098	0.265	ng/ul	99
19) Fluoranthene	19.281	202	13588	0.305	ng/ul	99
20) Pyrene	19.643	202	14261	0.307	ng/ul	99
21) Benzo(a)anthracene	21.403	228	10177	0.324	ng/ul	100
22) Chrysene	21.455	228	11513	0.285	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	9936	0.282	ng/ul	96
25) Benzo(k)fluoranthene	23.101	252	10319	0.283	ng/ul	97
26) Benzo(a)pyrene	23.665	252	9180	0.283	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.191	276	9298	0.272	ng/ul#	41
28) Dibenzo(a,h)anthracene	26.208	278	7305	0.280	ng/ul	97
29) Benzo(g,h,i)perylene	26.936	276	8241	0.268	ng/ul	99

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

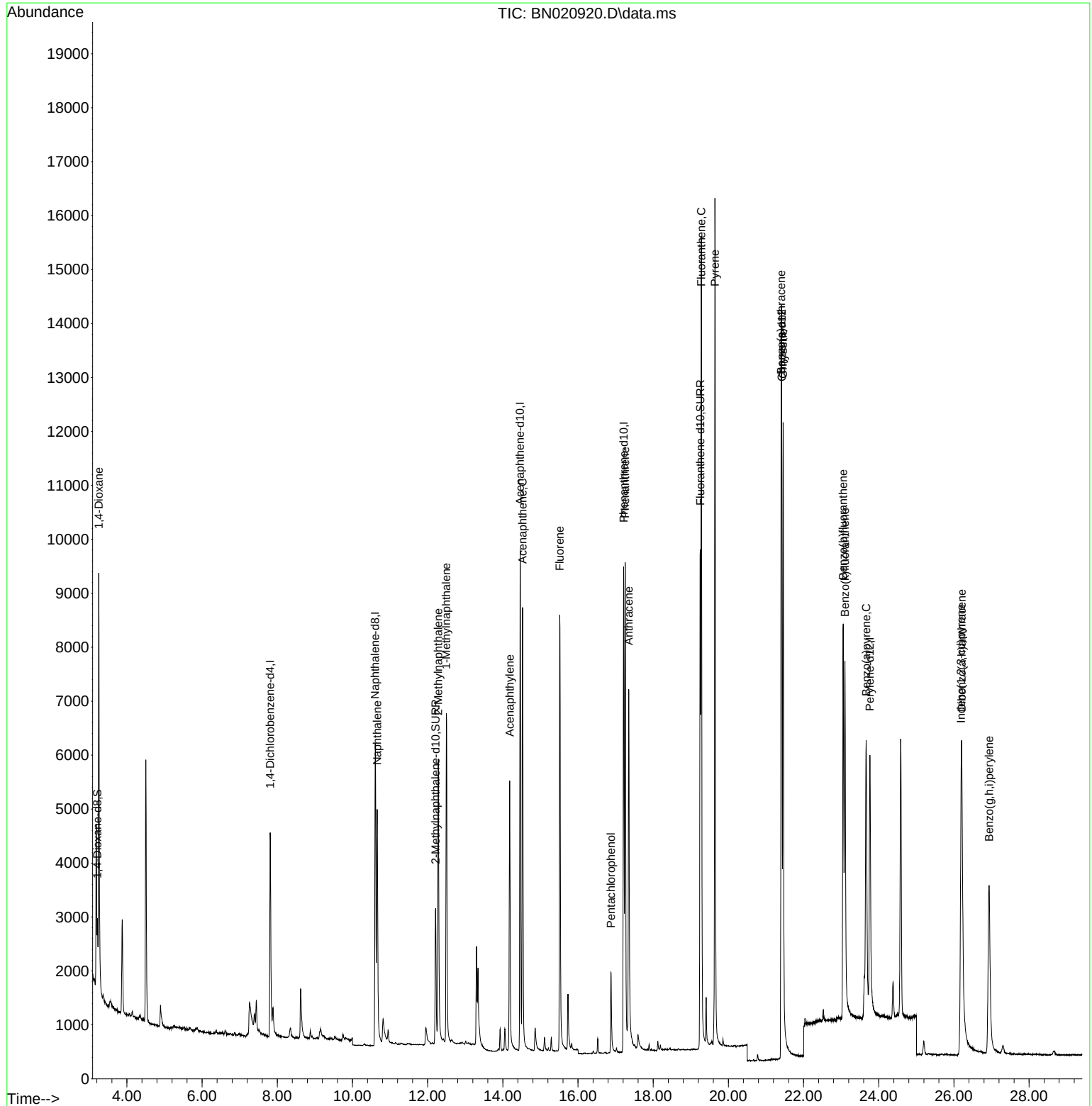
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
Data File : BN020920.D
Acq On : 29 Jul 2022 13:48
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ALS Vial : 8 Sample Multiplier: 1

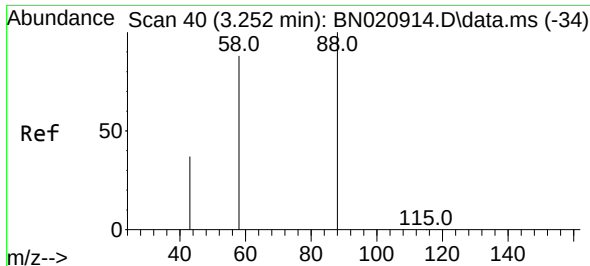
Instrument :
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Supervised By :mohammad ahmed 08/02/2022

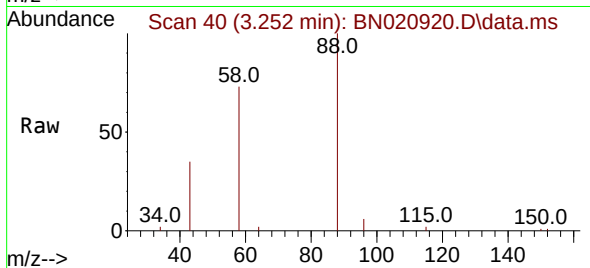
Quant Time: Jul 29 17:37:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 18:06:54 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.601 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

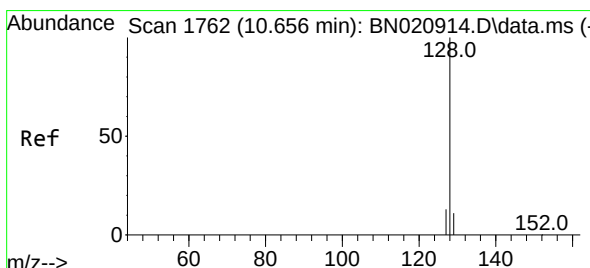
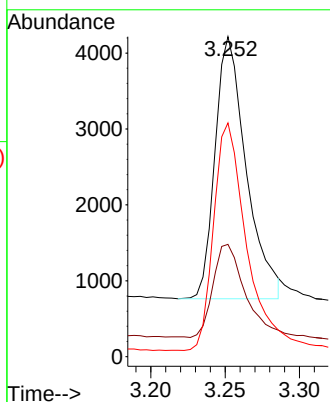
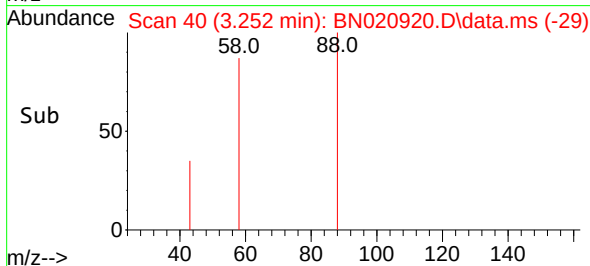
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



Tgt Ion: 88 Resp: 5019
Ion Ratio Lower Upper
88 100
43 35.1 32.5 48.7
58 73.1 46.2 69.2

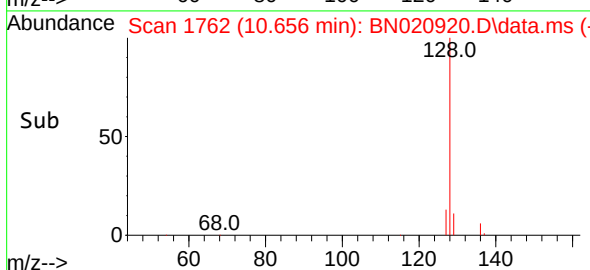
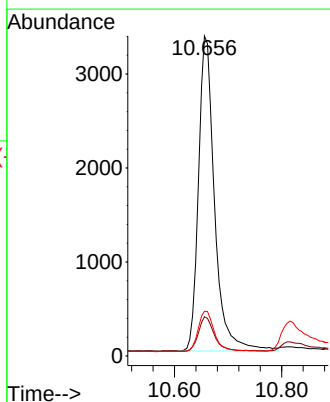
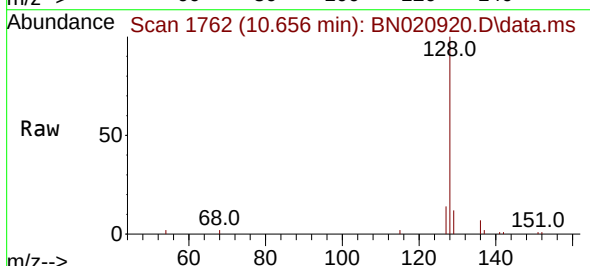
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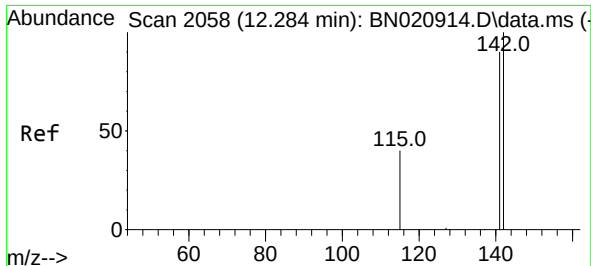
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.656 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

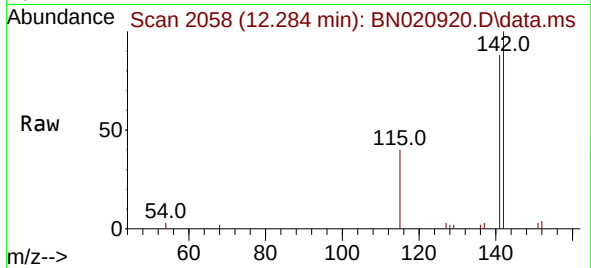
Tgt Ion:128 Resp: 6997
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.0 11.3 16.9





#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

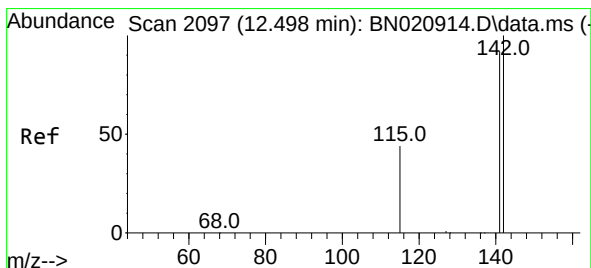
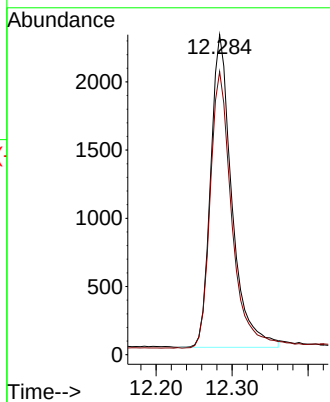
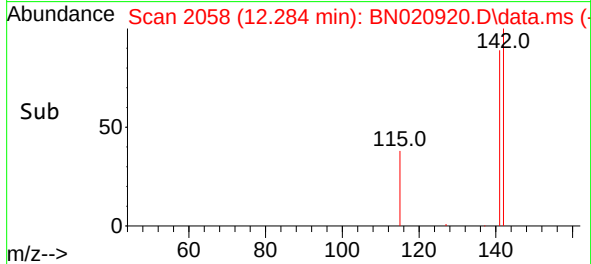
Instrument :
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ClientSampleId :
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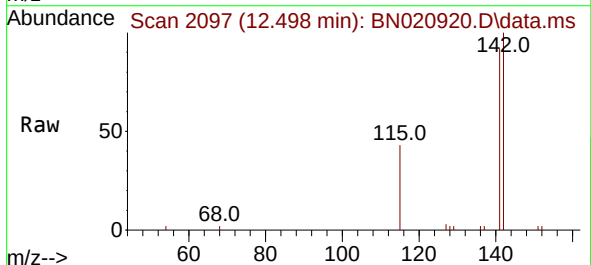
Tgt Ion:142 Resp: 4464
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1

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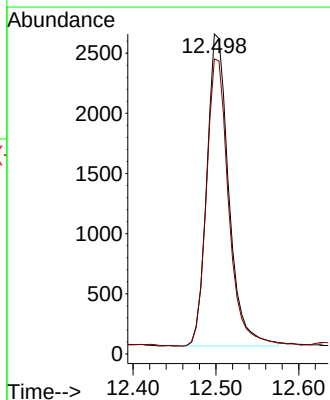
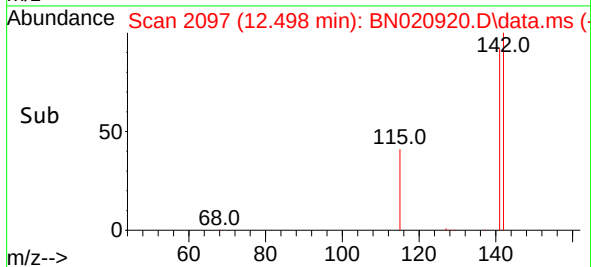
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

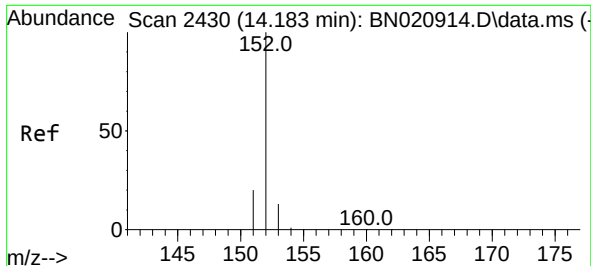


#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.498 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48



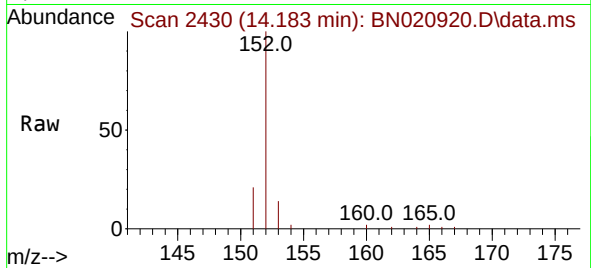
Tgt Ion:142 Resp: 4783
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5





#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

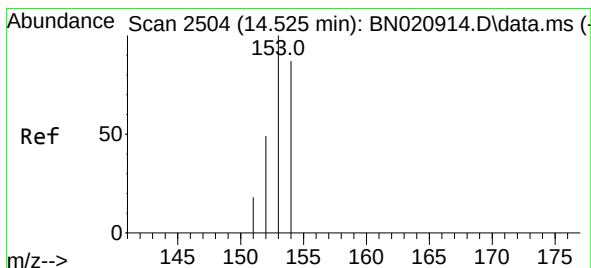
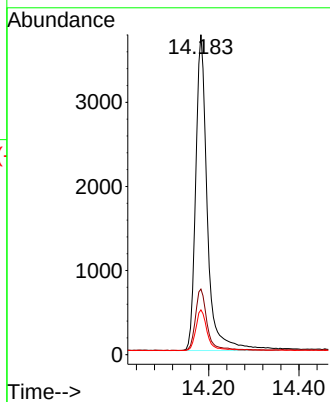
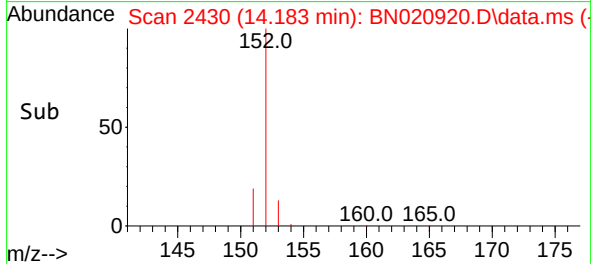
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



Tgt Ion:152 Resp: 6750
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 14.0 11.1 16.7

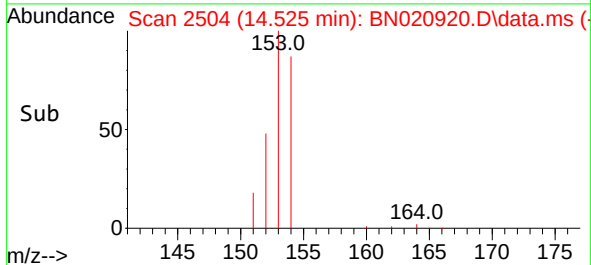
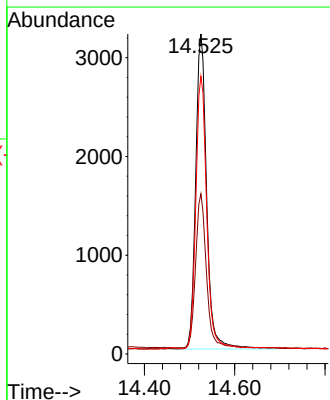
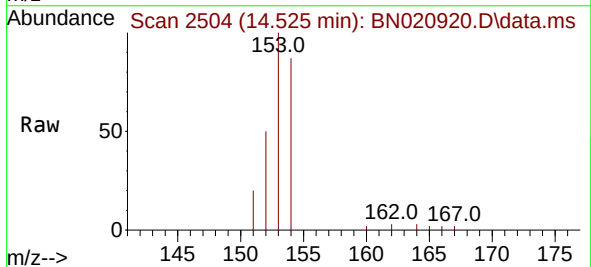
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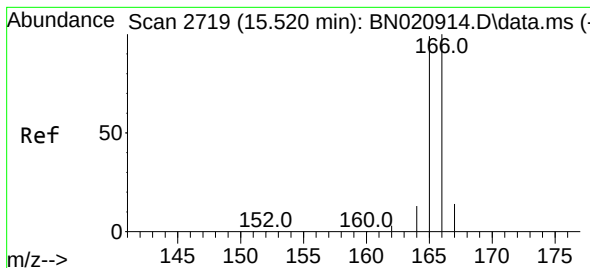
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#11
Acenaphthene
Concen: 0.241 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

Tgt Ion:153 Resp: 5399
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 86.8 70.0 105.0





#12

Fluorene

Concen: 0.249 ng/ul

RT: 15.515 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN020920.D

Acq: 29 Jul 2022 13:48

Instrument :

BNA_N

ClientSampleId :

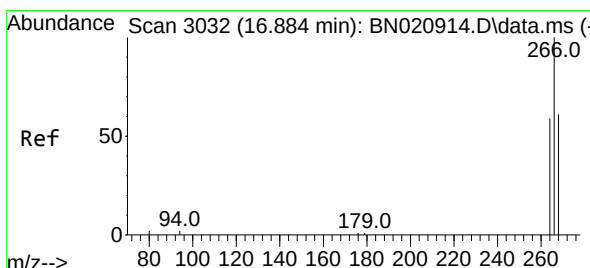
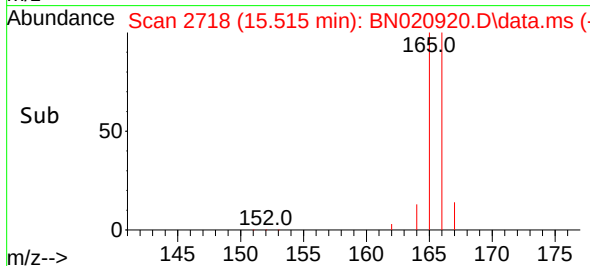
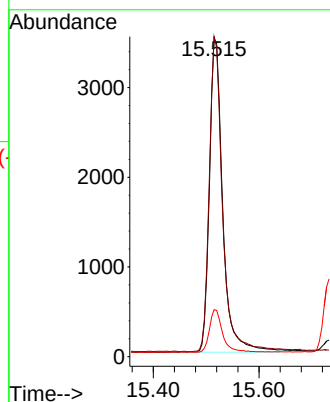
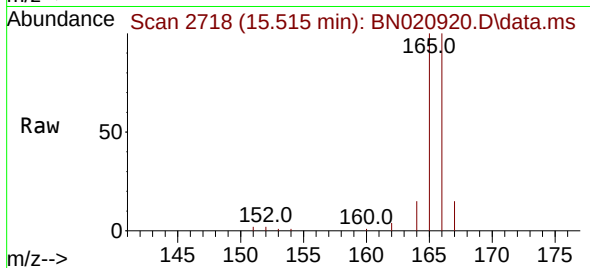
YBEA3MS

Tgt Ion:	166	Resp:	612
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.2	117.2
167	14.8	11.3	16.9

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#14

Pentachlorophenol

Concen: 0.700 ng/ul

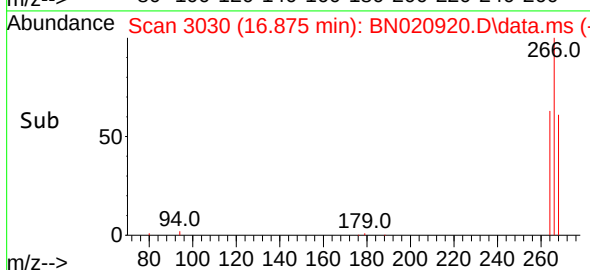
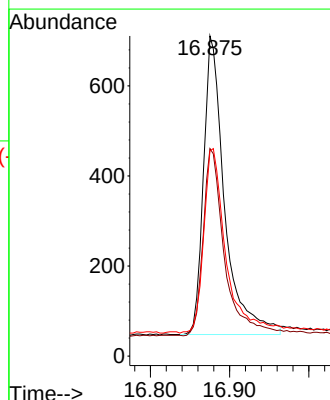
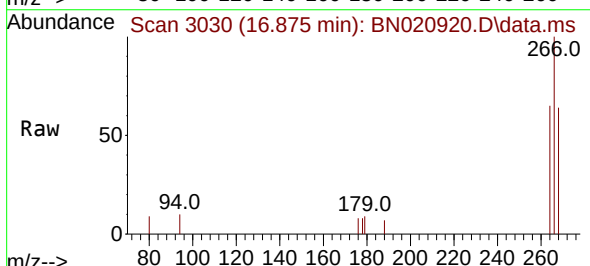
RT: 16.875 min Scan# 3030

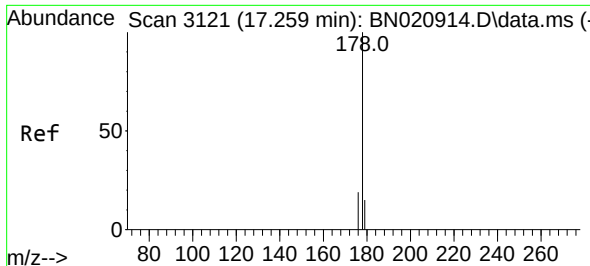
Delta R.T. -0.017 min

Lab File: BN020920.D

Acq: 29 Jul 2022 13:48

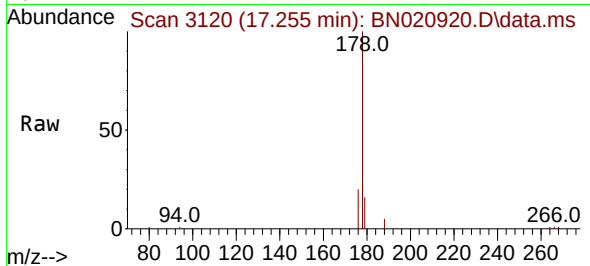
Tgt Ion:	266	Resp:	1230
Ion Ratio	Lower	Upper	
266	100		
264	63.9	51.6	77.4
268	65.2	51.5	77.3





#15
Phenanthrene
Concen: 0.259 ng/ul
RT: 17.255 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

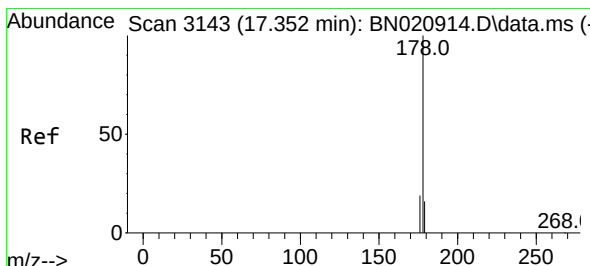
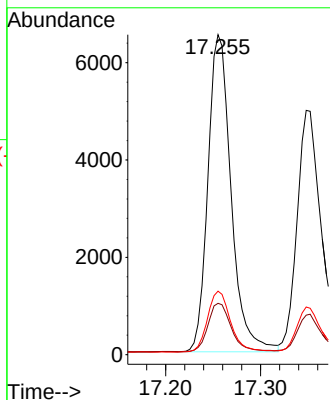
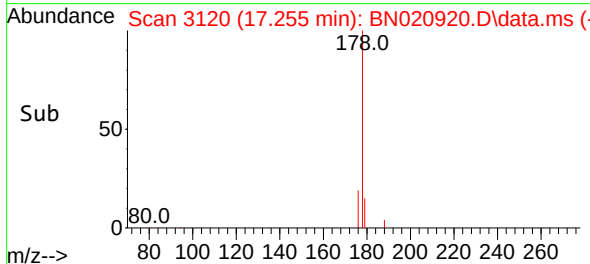
Instrument :
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ClientSampleId :
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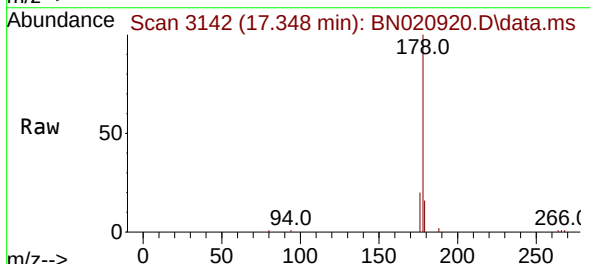
Tgt Ion:178 Resp: 1109
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.9 15.8 23.6

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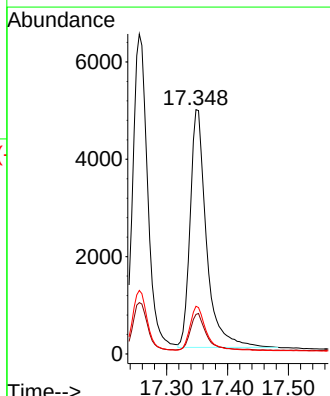
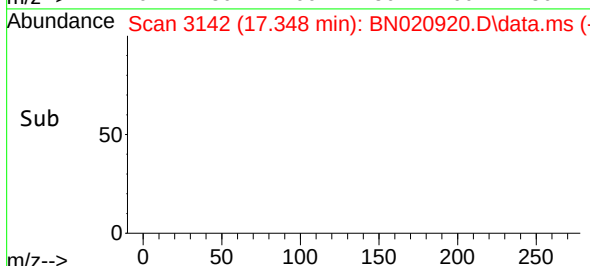
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

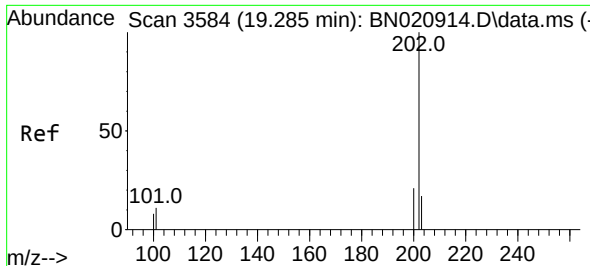


#16
Anthracene
Concen: 0.265 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48



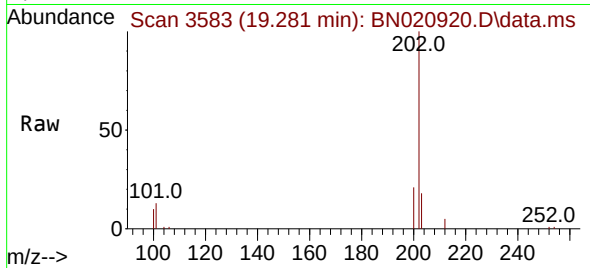
Tgt Ion:178 Resp: 9098
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.5 15.2 22.8





#19
Fluoranthene
Concen: 0.305 ng/u1
RT: 19.281 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

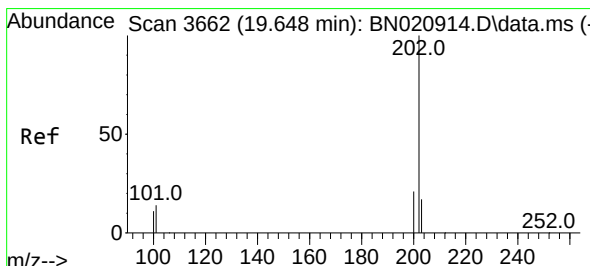
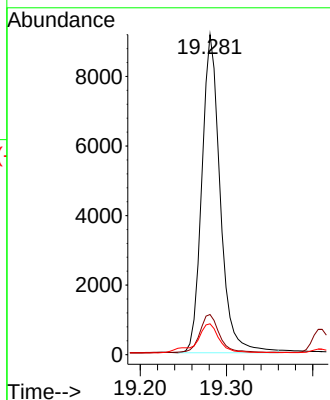
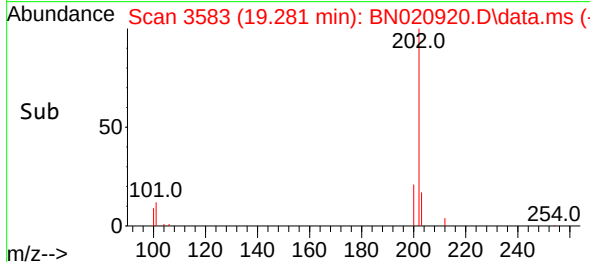
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



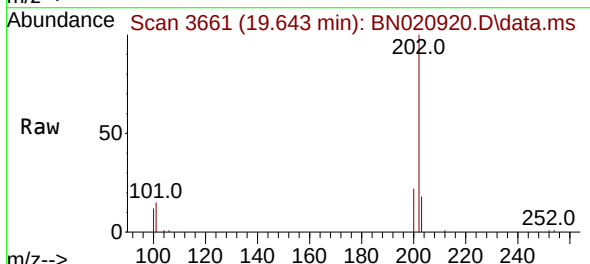
Tgt Ion:202 Resp: 13584
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.6 7.8 11.6

Manual Integrations
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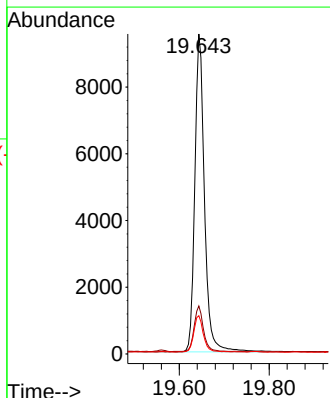
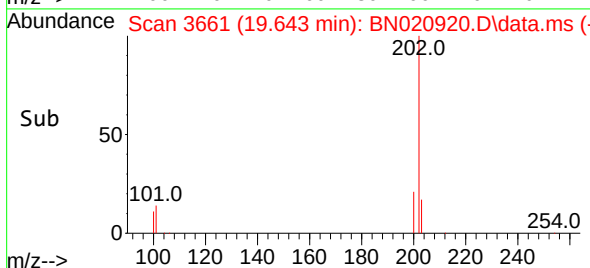
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

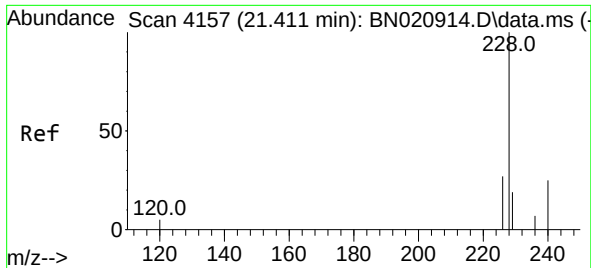


#20
Pyrene
Concen: 0.307 ng/u1
RT: 19.643 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48



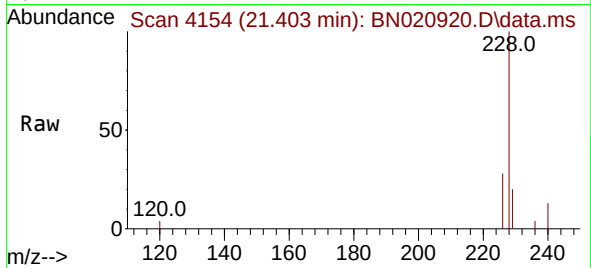
Tgt Ion:202 Resp: 14261
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.0 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.403 min Scan# 4157
Delta R.T. -0.013 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

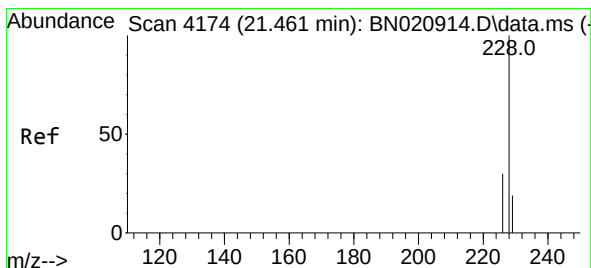
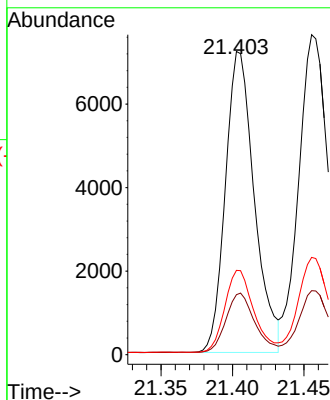
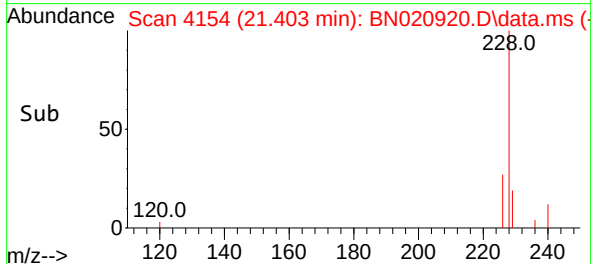
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



Tgt Ion:228 Resp: 1017
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.2 33.2

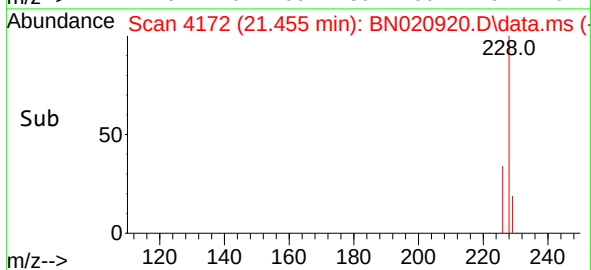
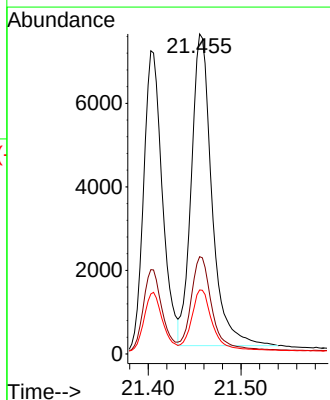
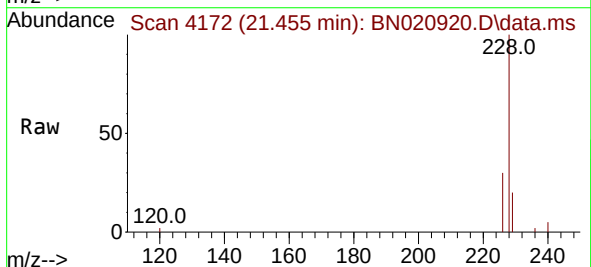
Manual Integrations
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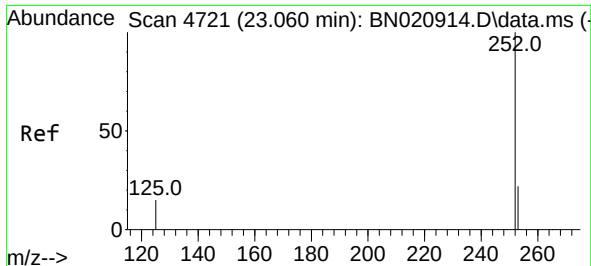
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.010 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

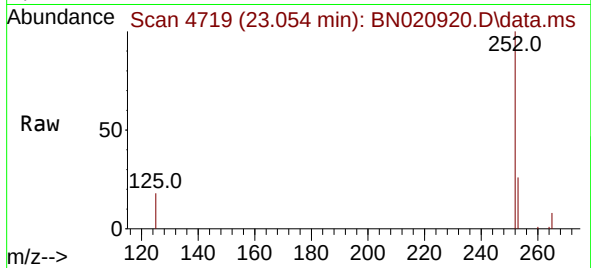
Tgt Ion:228 Resp: 11513
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.010 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

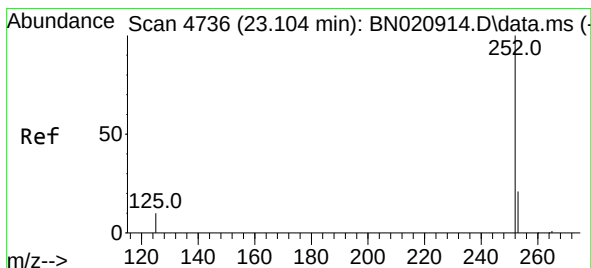
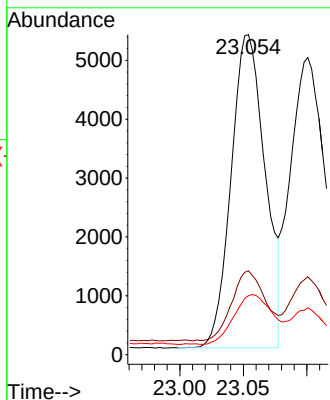
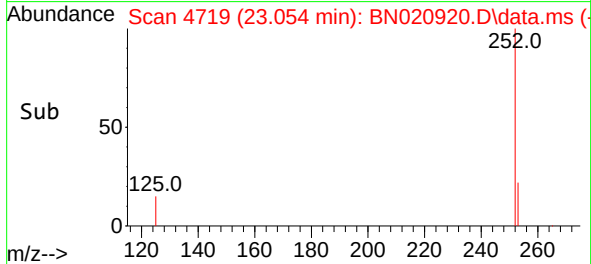
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



Tgt Ion:252 Resp: 9930
Ion Ratio Lower Upper
252 100
253 26.2 0.0 48.6
125 18.4 0.0 34.0

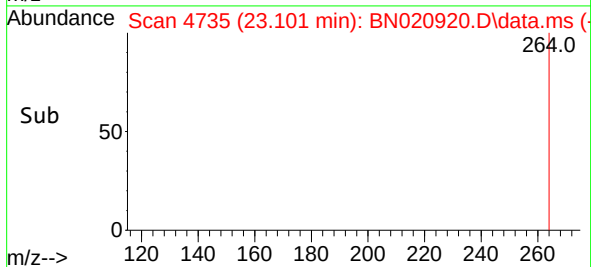
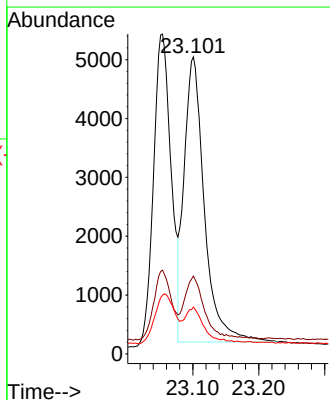
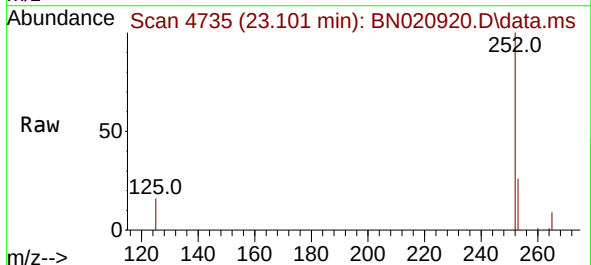
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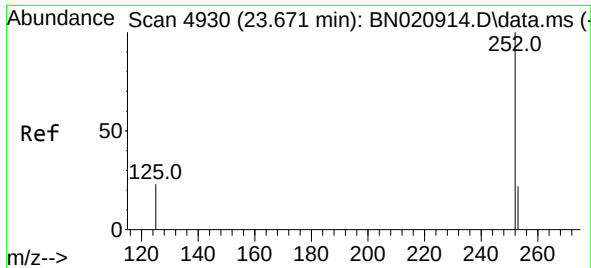
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.007 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

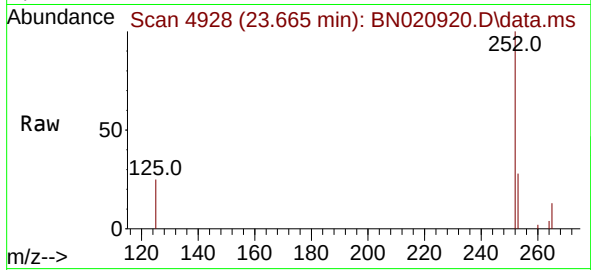
Tgt Ion:252 Resp: 10319
Ion Ratio Lower Upper
252 100
253 26.2 19.7 29.5
125 15.8 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 23.665 min Scan# 4930
Delta R.T. -0.010 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

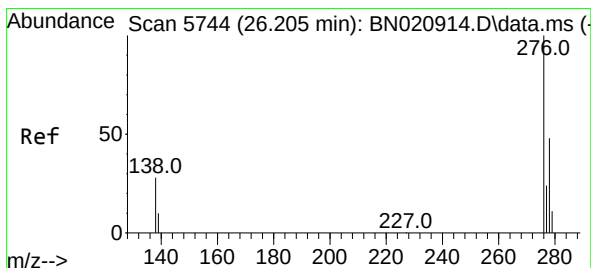
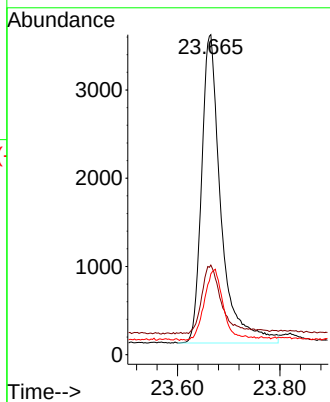
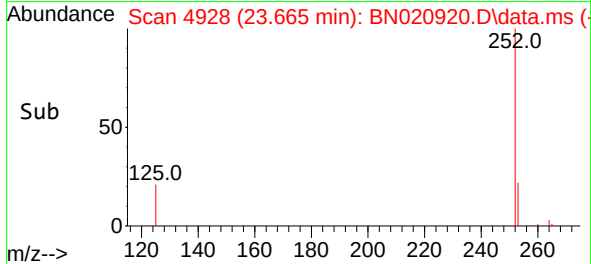
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



Tgt Ion:252 Resp: 9180
Ion Ratio Lower Upper
252 100
253 28.0 21.0 31.4
125 25.2 18.8 28.2

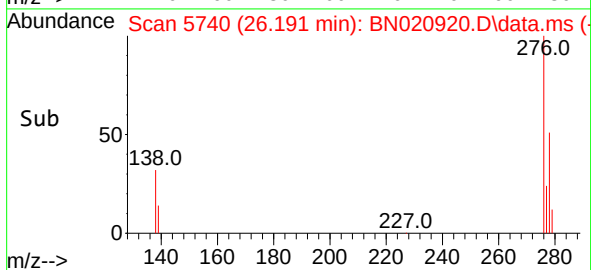
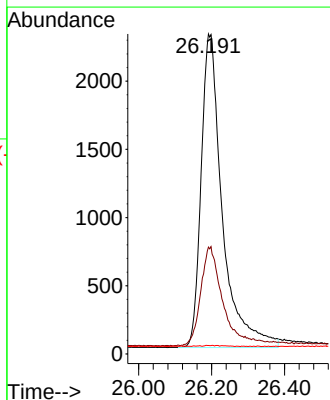
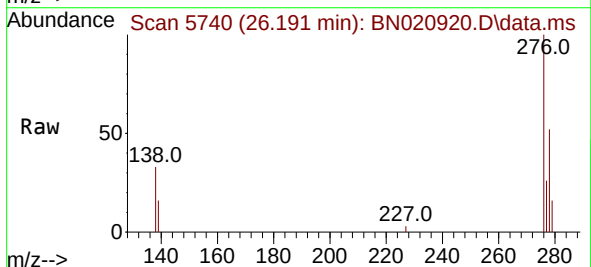
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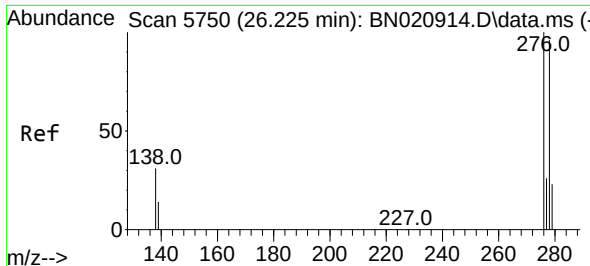
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 26.191 min Scan# 5740
Delta R.T. -0.018 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

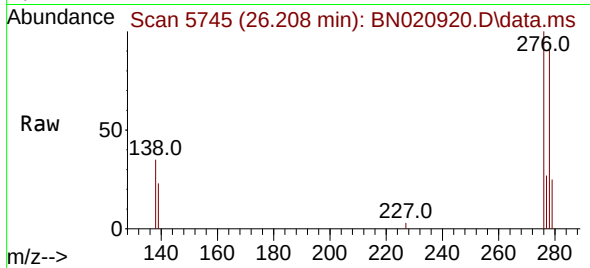
Tgt Ion:276 Resp: 9298
Ion Ratio Lower Upper
276 100
138 0.0 27.4 41.2#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.280 ng/ul
RT: 26.208 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48

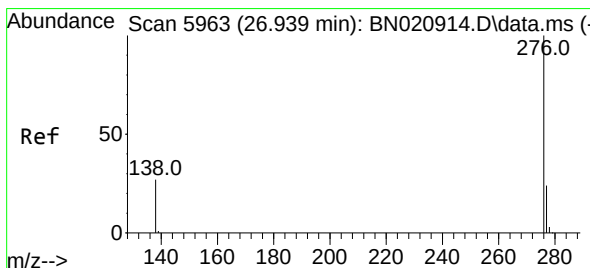
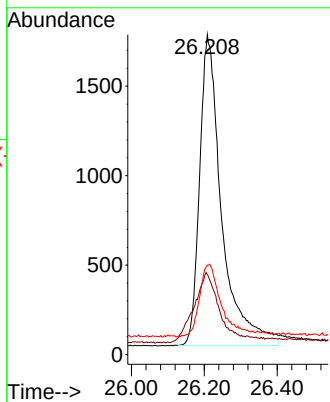
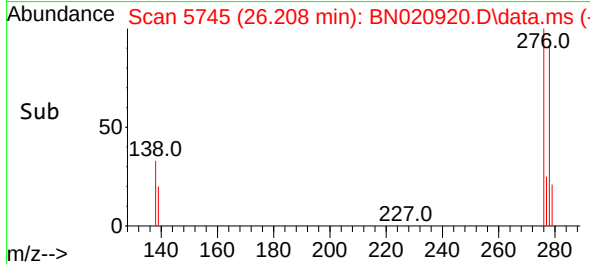
Instrument :
BNA_N
ClientSampleId :
YBEA3MS



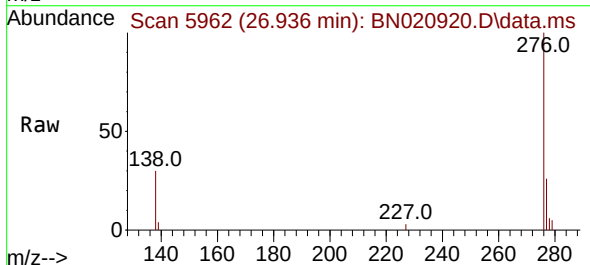
Tgt Ion:278 Resp: 730
Ion Ratio Lower Upper
278 100
139 25.1 18.8 28.2
279 28.0 21.4 32.0

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Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 26.936 min Scan# 5962
Delta R.T. -0.012 min
Lab File: BN020920.D
Acq: 29 Jul 2022 13:48



Tgt Ion:276 Resp: 8241
Ion Ratio Lower Upper
276 100
138 29.6 23.5 35.3
277 26.0 20.1 30.1

