

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
 Data File : BN020921.D
 Acq On : 29 Jul 2022 14:25
 Operator : CG/JU
 Sample : N3890-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBEA3MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 17:42:24 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	7.817	152	2054	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7378	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	9620	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	8203	0.400	ng/ul	-0.01
23) Perylene-d12	23.766	264	6576	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	977m	0.396	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.212	152	3585	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	10493	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4570	1.802	ng/ul#	82
5) Naphthalene	10.661	128	6428	0.278	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	4077	0.279	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	4412	0.312	ng/ul	100
10) Acenaphthylene	14.183	152	6213	0.271	ng/ul	99
11) Acenaphthene	14.525	153	4939	0.266	ng/ul	100
12) Fluorene	15.520	166	5652	0.278	ng/ul	98
14) Pentachlorophenol	16.879	266	1173	0.810	ng/ul	99
15) Phenanthrene	17.255	178	10272	0.291	ng/ul	100
16) Anthracene	17.352	178	8461	0.300	ng/ul	99
19) Fluoranthene	19.281	202	12840	0.334	ng/ul	99
20) Pyrene	19.643	202	13604	0.339	ng/ul	99
21) Benzo(a)anthracene	21.404	228	10046	0.371	ng/ul	100
22) Chrysene	21.457	228	11096	0.318	ng/ul	99
24) Benzo(b)fluoranthene	23.053	252	10227	0.328	ng/ul	98
25) Benzo(k)fluoranthene	23.099	252	10069	0.312	ng/ul	98
26) Benzo(a)pyrene	23.664	252	9143	0.318	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.193	276	9359	0.310	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.210	278	7391	0.321	ng/ul	98
29) Benzo(g,h,i)perylene	26.934	276	8374	0.307	ng/ul	99

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

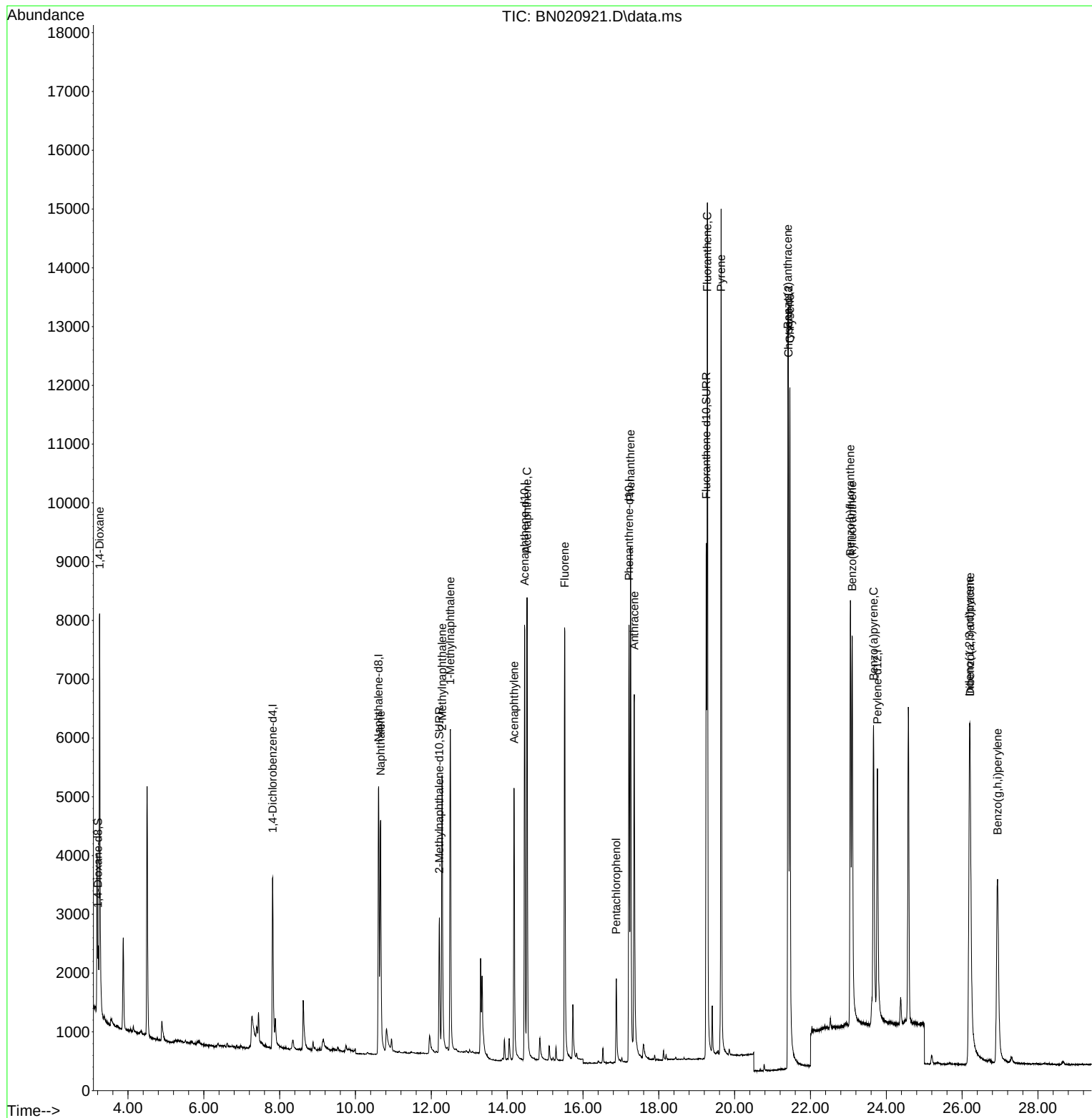
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072922\
Data File : BN020921.D
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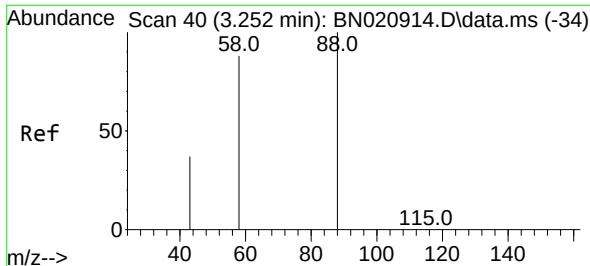
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Quant Time: Jul 29 17:42:24 2022
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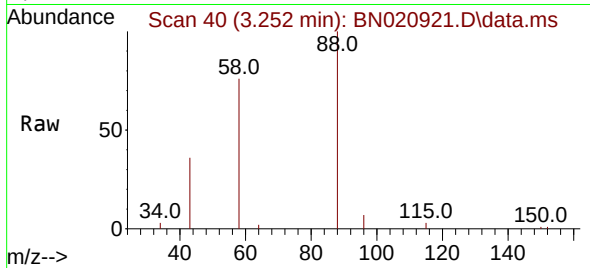
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022





#2
1,4-Dioxane
Concen: 1.802 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

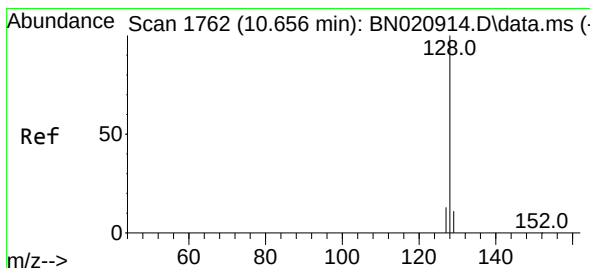
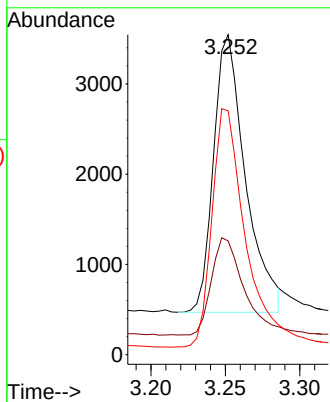
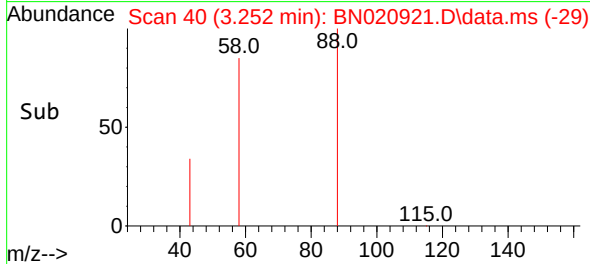
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



Tgt Ion: 88 Resp: 4570
Ion Ratio Lower Upper
88 100
43 35.6 32.5 48.7
58 76.3 46.2 69.2

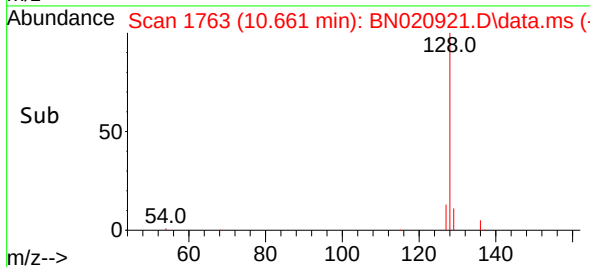
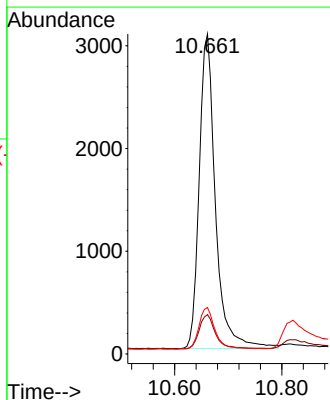
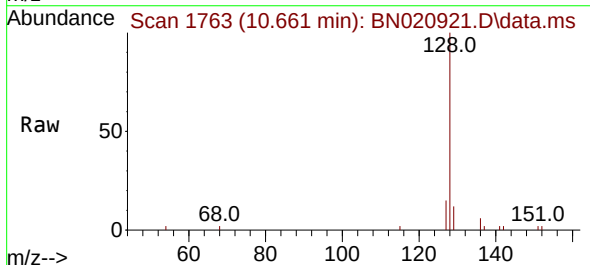
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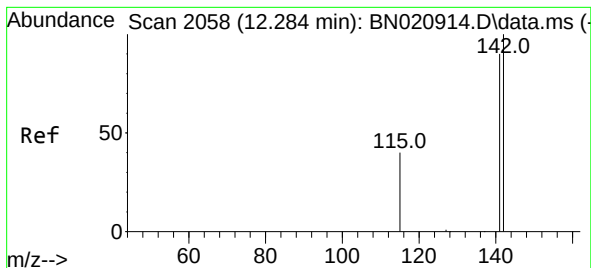
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#5
Naphthalene
Concen: 0.278 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

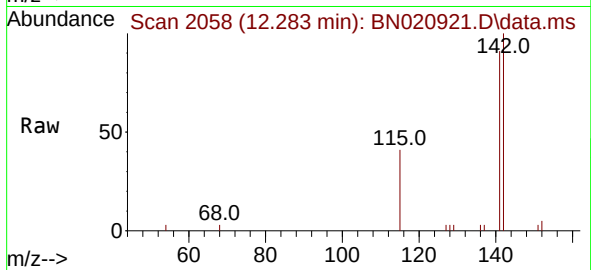
Tgt Ion:128 Resp: 6428
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.5 11.3 16.9





#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.283 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

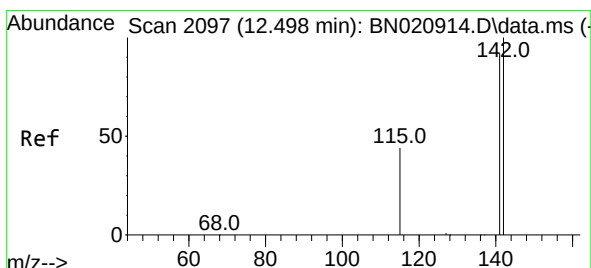
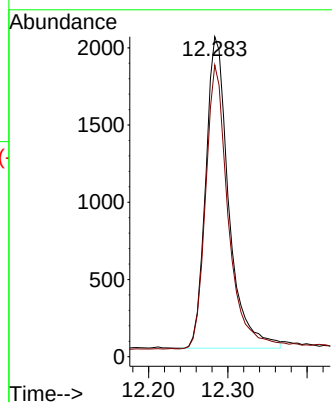
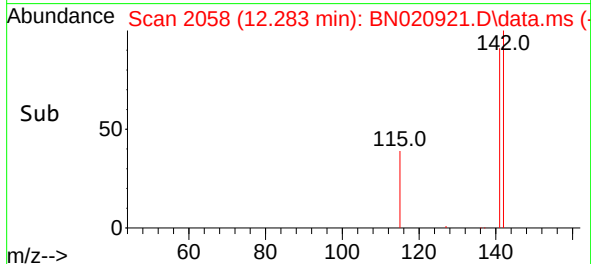
Instrument :
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YBEA3MSD



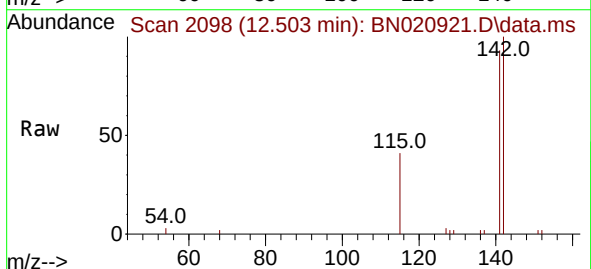
Tgt Ion:142 Resp: 407
Ion Ratio Lower Upper
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141 89.5 72.1 108.1

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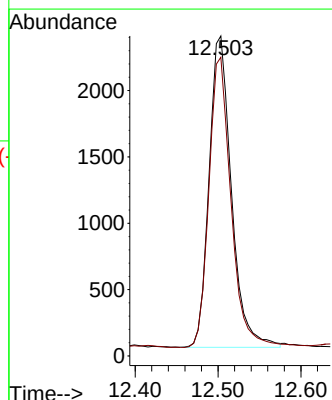
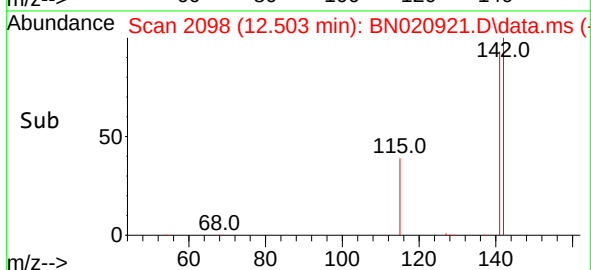
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

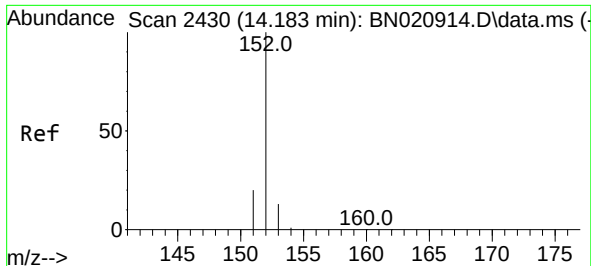


#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



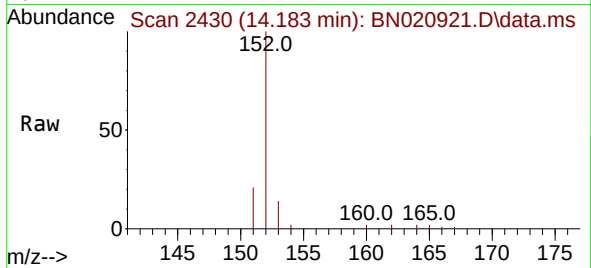
Tgt Ion:142 Resp: 4412
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5





#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

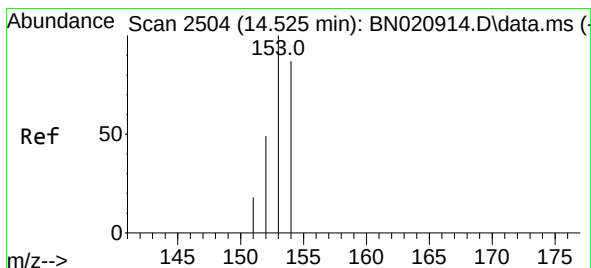
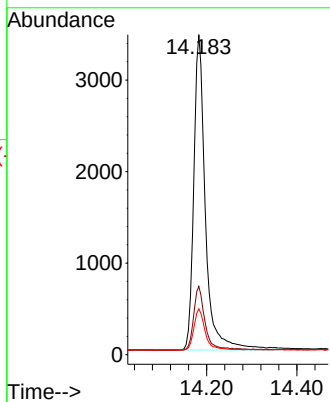
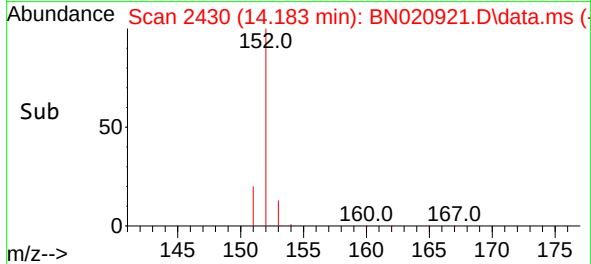
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



Tgt Ion:152 Resp: 621
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 14.4 11.1 16.7

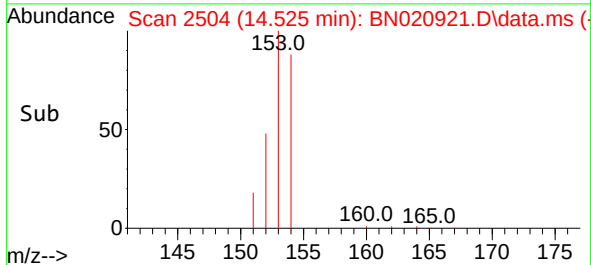
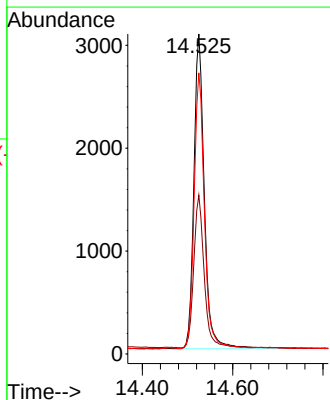
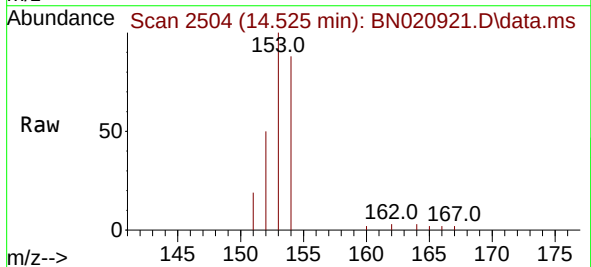
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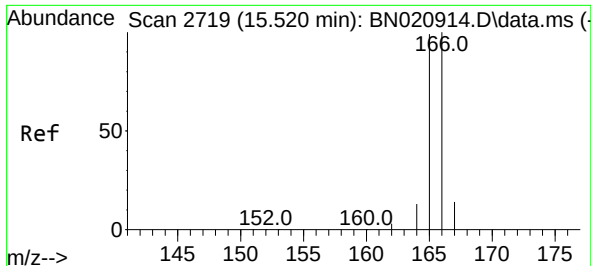
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

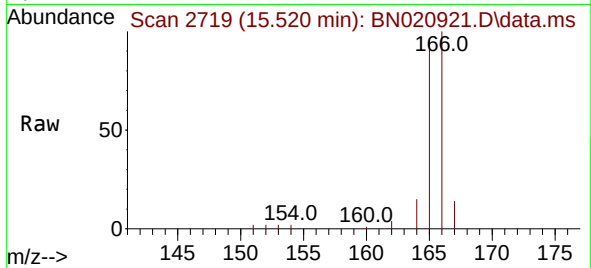
Tgt Ion:153 Resp: 4939
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 87.8 70.0 105.0





#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

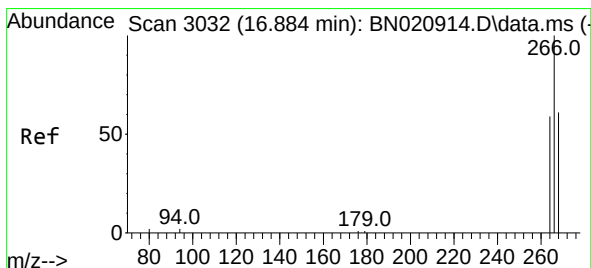
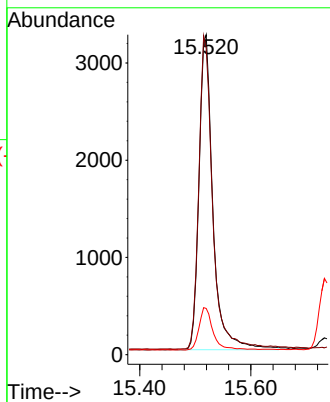
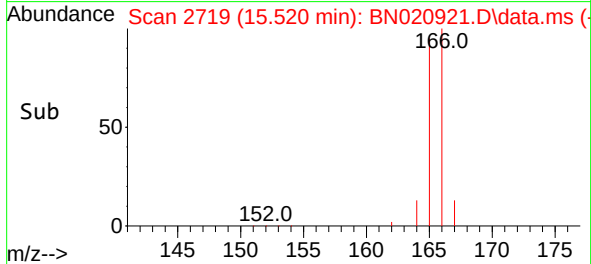
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



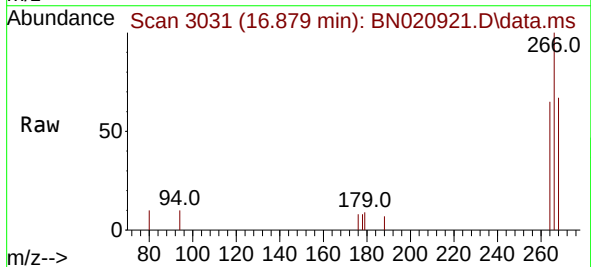
Tgt Ion:166 Resp: 565
Ion Ratio Lower Upper
166 100
165 95.7 78.2 117.2
167 14.5 11.3 16.9

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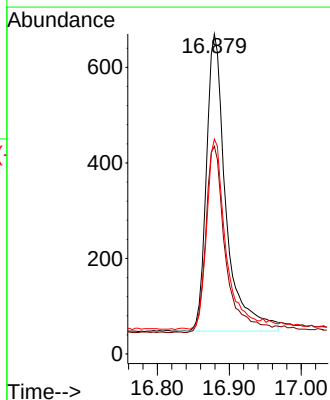
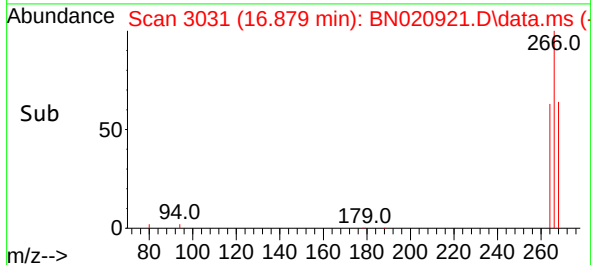
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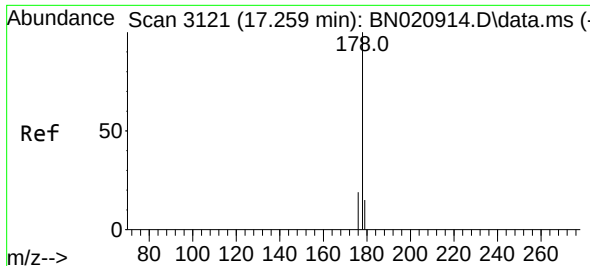


#14
Pentachlorophenol
Concen: 0.810 ng/ul
RT: 16.879 min Scan# 3031
Delta R.T. -0.013 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



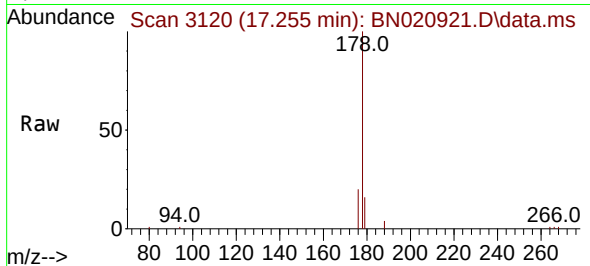
Tgt Ion:266 Resp: 1173
Ion Ratio Lower Upper
266 100
264 63.8 51.6 77.4
268 64.1 51.5 77.3





#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

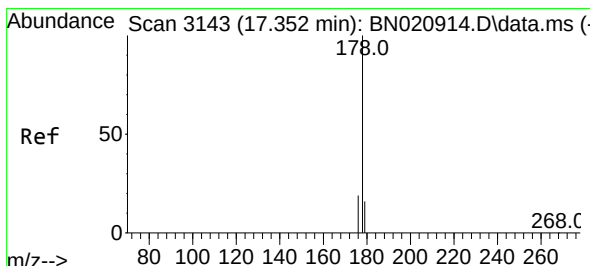
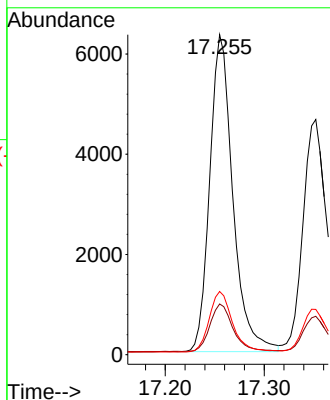
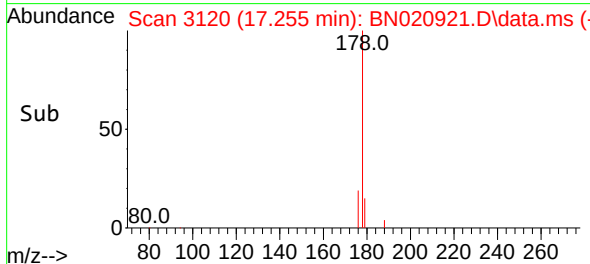
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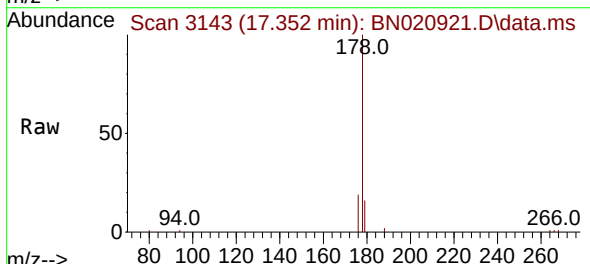
Tgt Ion:178 Resp: 10272
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.7 15.8 23.6

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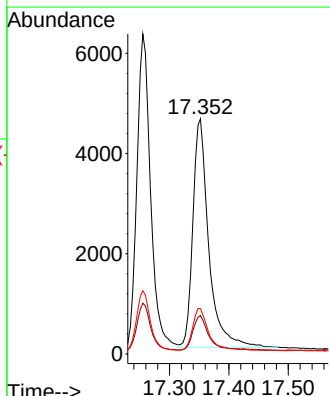
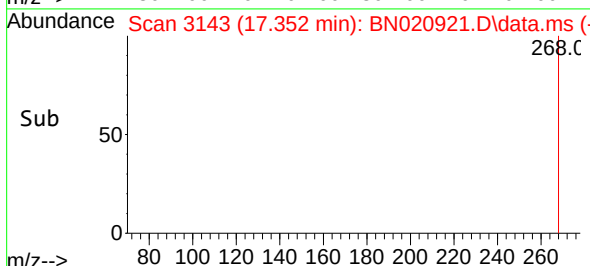
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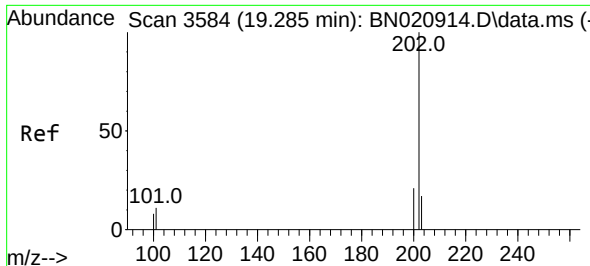


#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



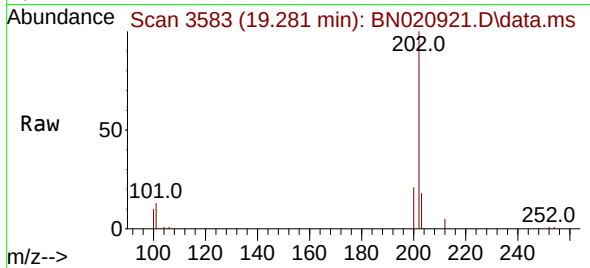
Tgt Ion:178 Resp: 8461
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.2 15.2 22.8





#19
Fluoranthene
Concen: 0.334 ng/ul
RT: 19.281 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

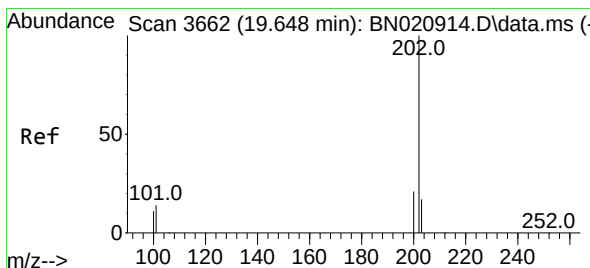
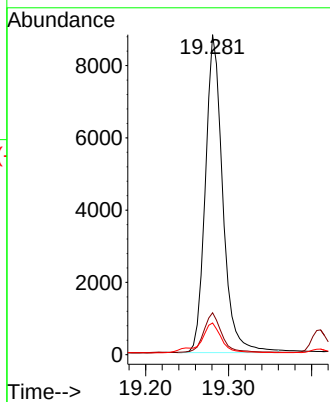
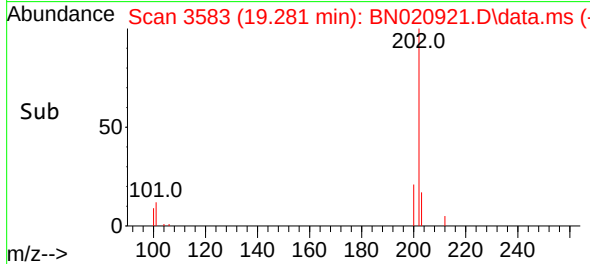
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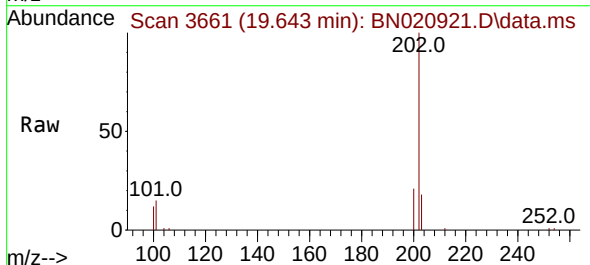
Tgt Ion:202 Resp: 12840
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 9.9 7.8 11.6

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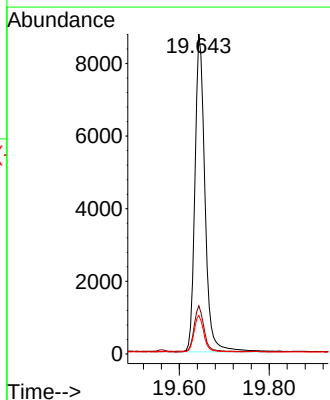
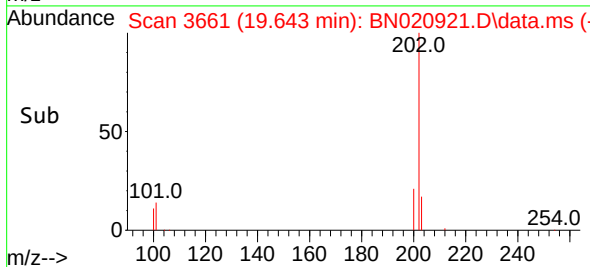
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

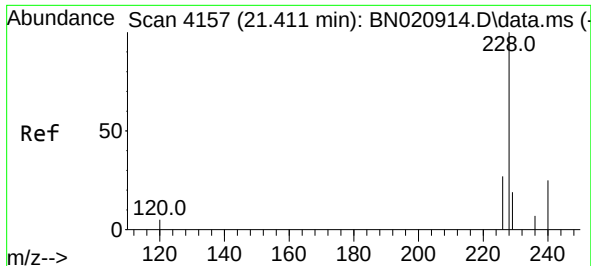


#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.643 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



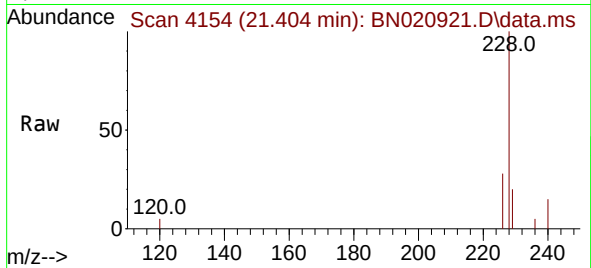
Tgt Ion:202 Resp: 13604
Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 12.0 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.404 min Scan# 4157
Delta R.T. -0.012 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

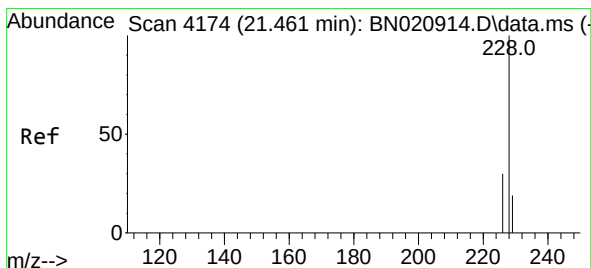
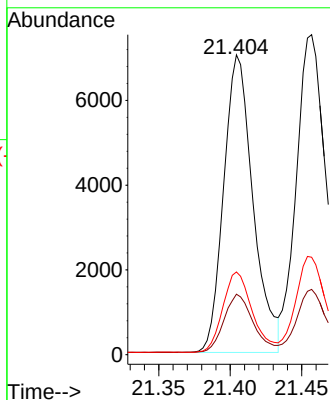
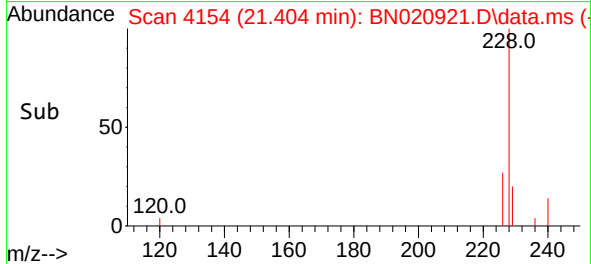
Instrument :
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ClientSampleId :
YBEA3MSD



Tgt Ion:228 Resp: 10040
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.6 22.2 33.2

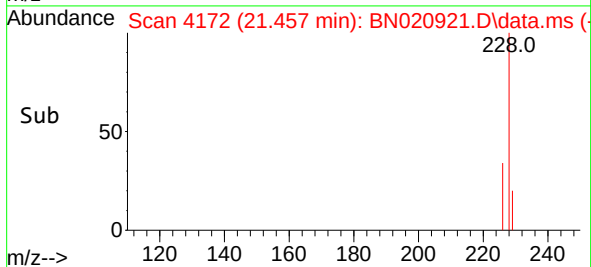
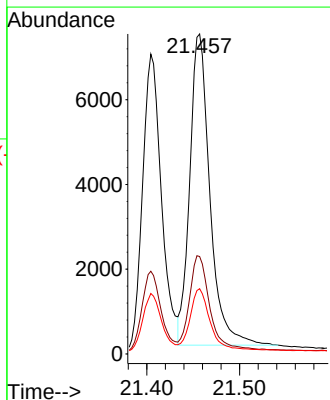
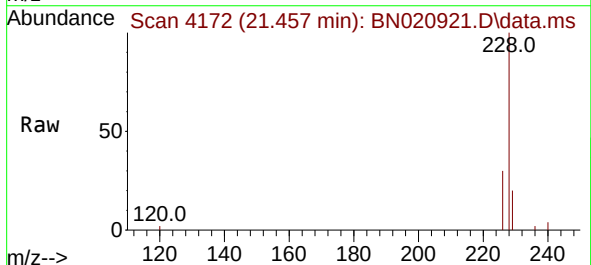
Manual Integrations
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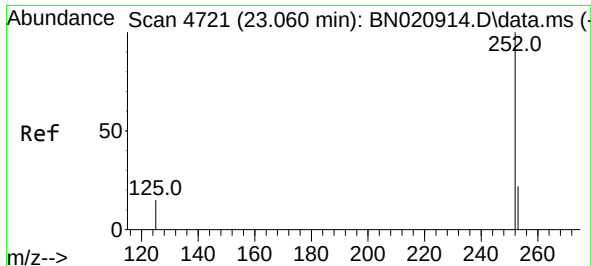
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. -0.009 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

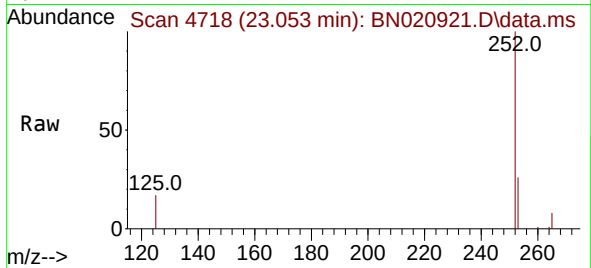
Tgt Ion:228 Resp: 11096
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 20.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.053 min Scan# 4718
Delta R.T. -0.012 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

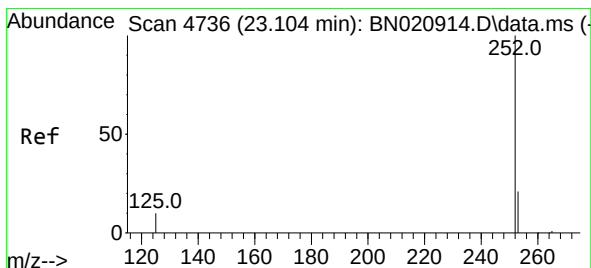
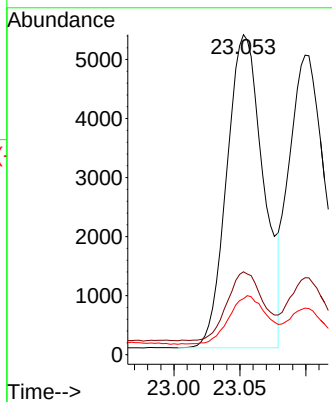
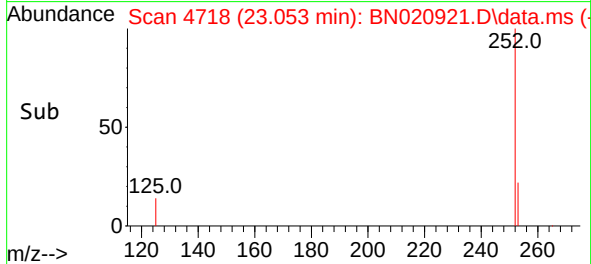
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



Tgt Ion:252 Resp: 1022
Ion Ratio Lower Upper
252 100
253 25.9 0.0 48.6
125 17.5 0.0 34.0

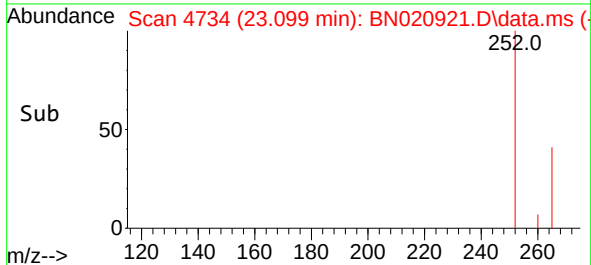
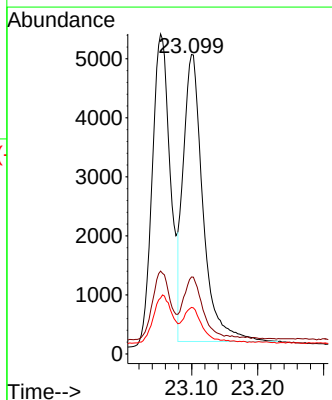
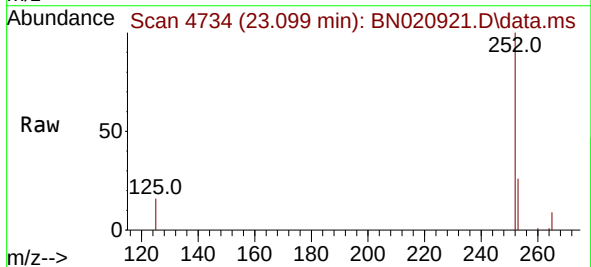
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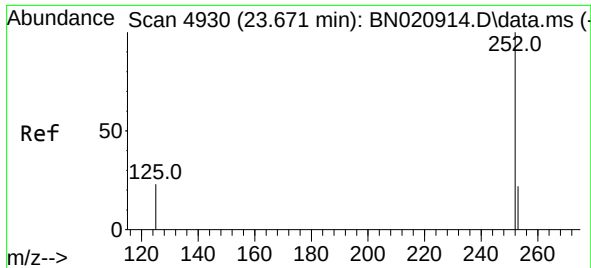
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

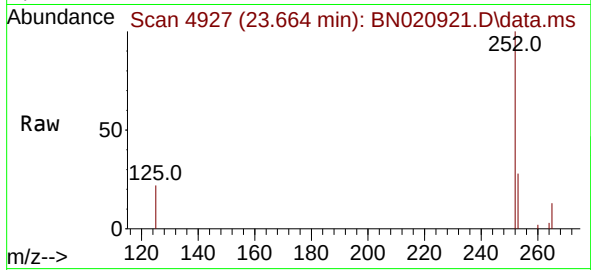
Tgt Ion:252 Resp: 10069
Ion Ratio Lower Upper
252 100
253 25.7 19.7 29.5
125 15.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.664 min Scan# 4930
Delta R.T. -0.012 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

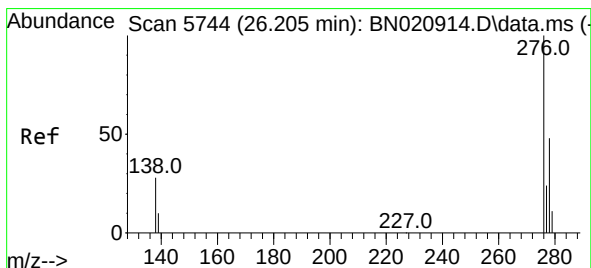
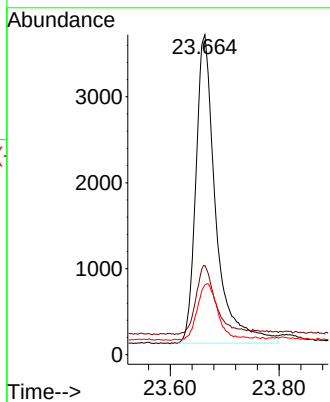
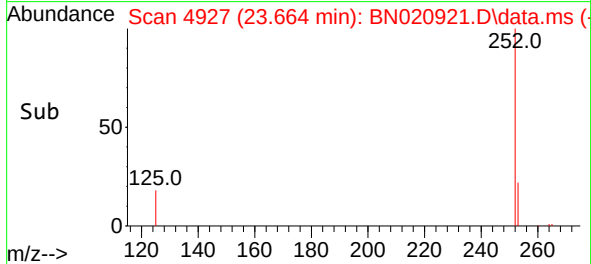
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



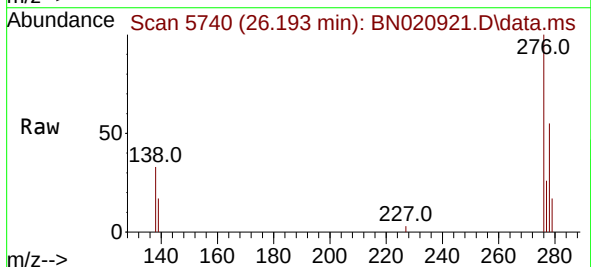
Tgt Ion:252 Resp: 914
Ion Ratio Lower Upper
252 100
253 27.8 21.0 31.4
125 21.8 18.8 28.2

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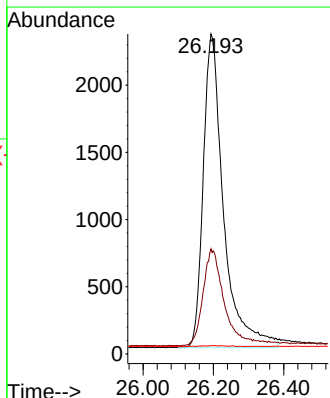
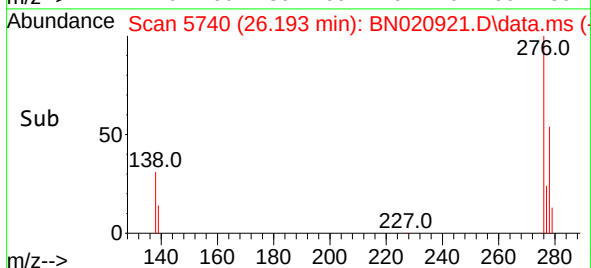
Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/02/2022

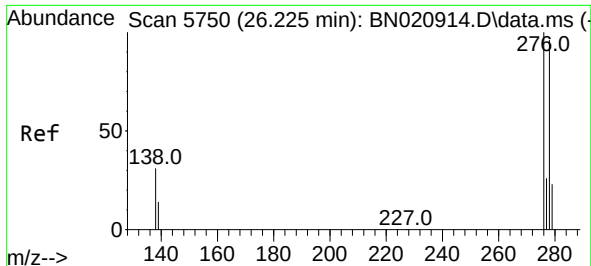


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.193 min Scan# 5740
Delta R.T. -0.017 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



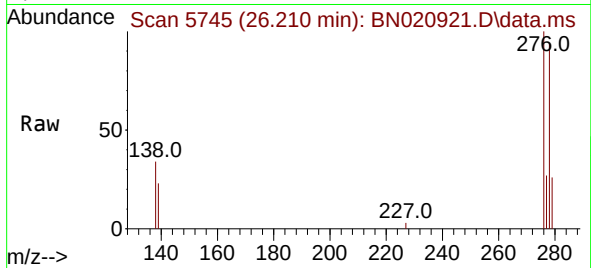
Tgt Ion:276 Resp: 9359
Ion Ratio Lower Upper
276 100
138 32.9 27.4 41.2
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 26.210 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25

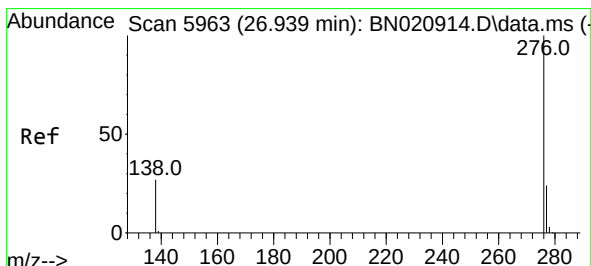
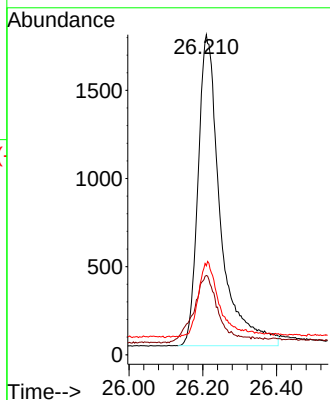
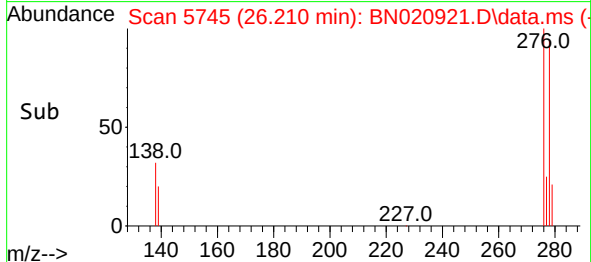
Instrument :
BNA_N
ClientSampleId :
YBEA3MSD



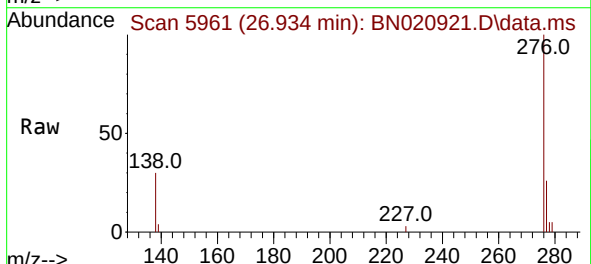
Tgt Ion:278 Resp: 739
Ion Ratio Lower Upper
278 100
139 24.8 18.8 28.2
279 27.8 21.4 32.0

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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: 0.307 ng/ul
RT: 26.934 min Scan# 5961
Delta R.T. -0.013 min
Lab File: BN020921.D
Acq: 29 Jul 2022 14:25



Tgt Ion:276 Resp: 8374
Ion Ratio Lower Upper
276 100
138 29.7 23.5 35.3
277 25.7 20.1 30.1

