

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020897.D
 Acq On : 27 Jul 2022 13:46
 Operator : CG/JU
 Sample : N3871-17MS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJ15MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/28/2022

Quant Time: Jul 27 18:08:39 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	2360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	8263	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	5130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	10975	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	9850	0.400	ng/ul	-0.01
23) Perylene-d12	23.763	264	8103	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	852m	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	4504	0.359	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	13682	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4296	1.474	ng/ul#	82
5) Naphthalene	10.656	128	7880	0.304	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	5347	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	5544	0.350	ng/ul	100
10) Acenaphthylene	14.183	152	8048	0.315	ng/ul	99
11) Acenaphthene	14.525	153	6344	0.308	ng/ul	99
12) Fluorene	15.515	166	7469	0.330	ng/ul	98
14) Pentachlorophenol	16.875	266	2079	1.258	ng/ul	99
15) Phenanthrene	17.255	178	13699	0.340	ng/ul	100
16) Anthracene	17.348	178	11515	0.357	ng/ul	100
19) Fluoranthene	19.281	202	16630	0.361	ng/ul	98
20) Pyrene	19.643	202	17257	0.359	ng/ul	100
21) Benzo(a)anthracene	21.401	228	13814	0.424	ng/ul	100
22) Chrysene	21.454	228	14950	0.357	ng/ul	99
24) Benzo(b)fluoranthene	23.053	252	13913	0.362	ng/ul	98
25) Benzo(k)fluoranthene	23.099	252	13691	0.345	ng/ul	99
26) Benzo(a)pyrene	23.658	252	12452	0.352	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.193	276	12825	0.344	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.206	278	10253	0.361	ng/ul	99
29) Benzo(g,h,i)perylene	26.931	276	11203	0.334	ng/ul	99

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

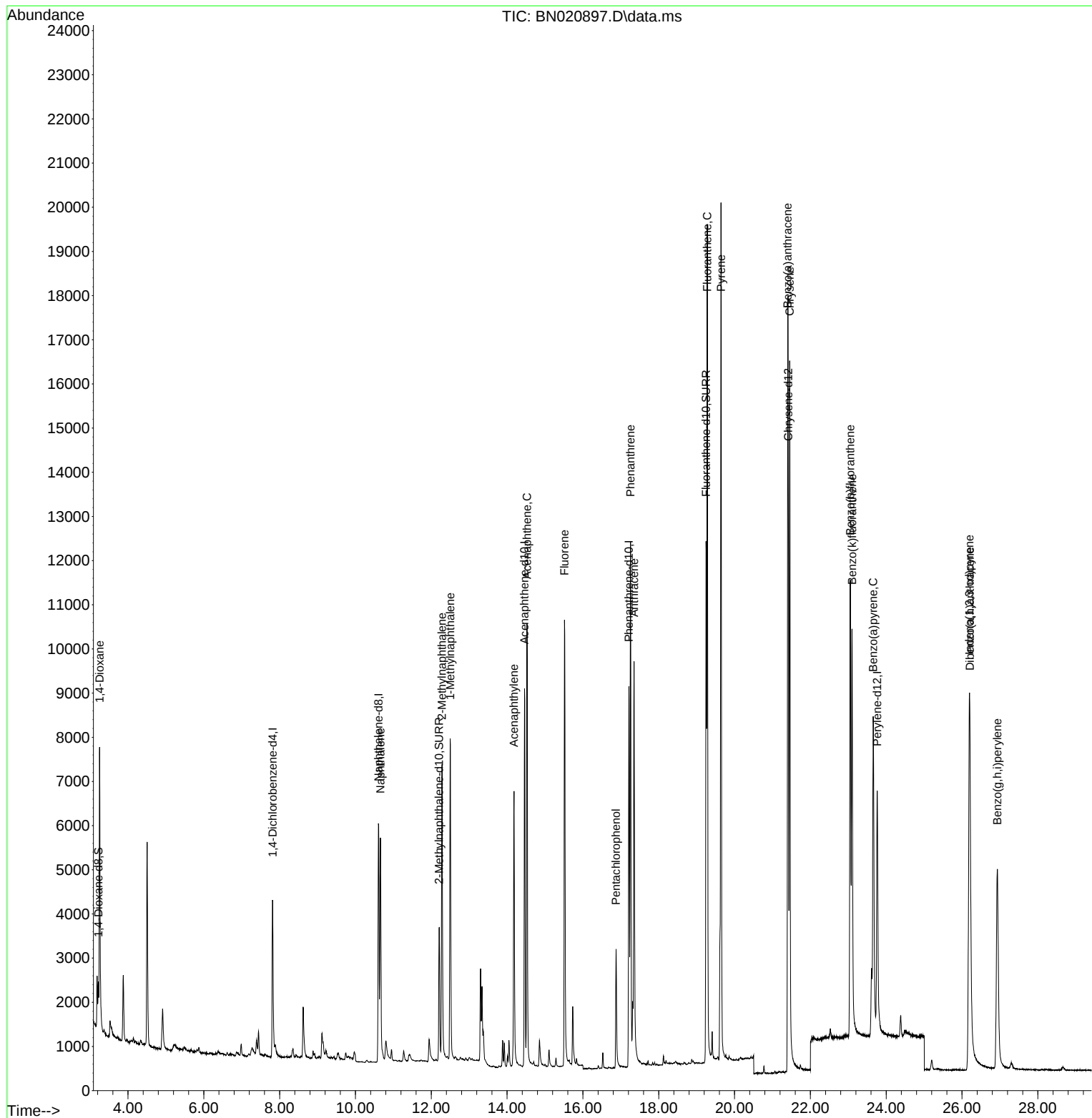
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
Data File : BN020897.D
Acq On : 27 Jul 2022 13:46
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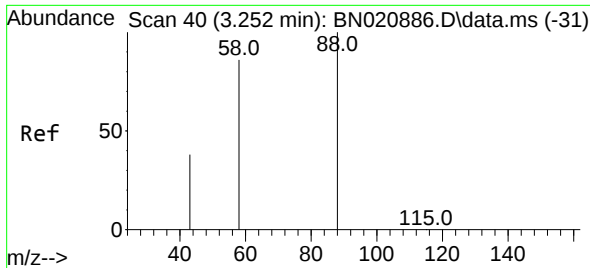
Instrument :
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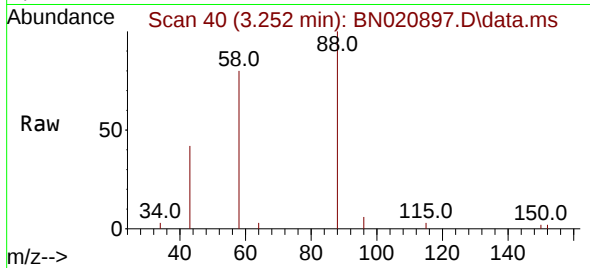
Quant Time: Jul 27 18:08:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 18:06:54 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.474 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

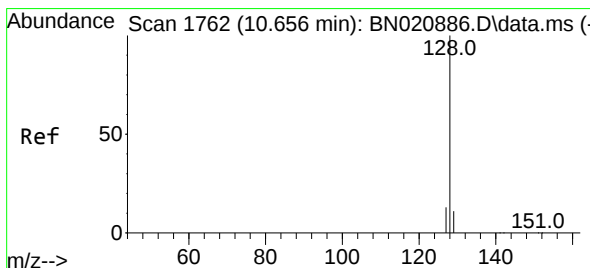
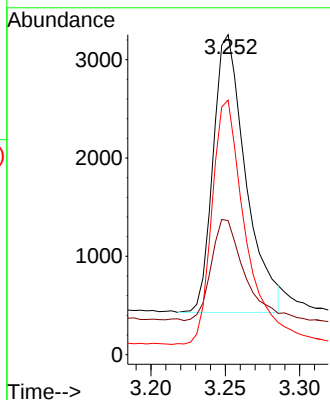
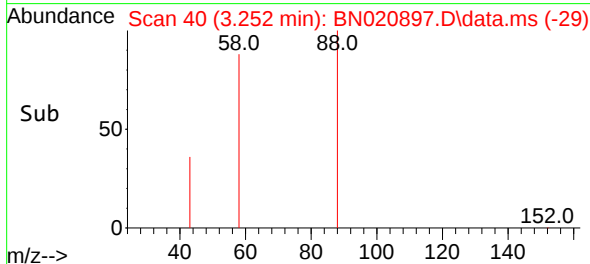
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



Tgt Ion: 88 Resp: 4290
Ion Ratio Lower Upper
88 100
43 41.9 32.5 48.7
58 79.5 46.2 69.2

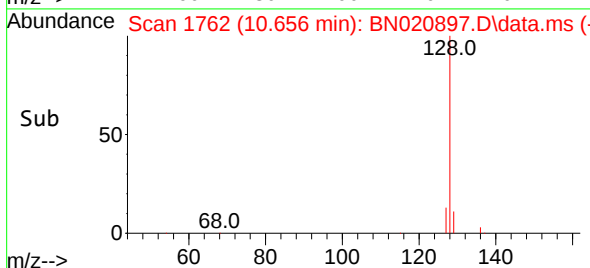
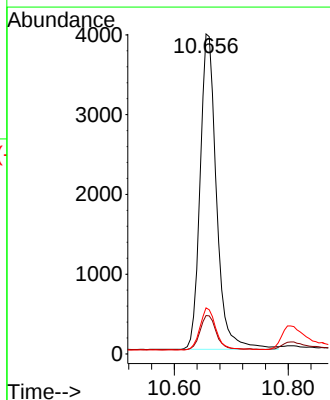
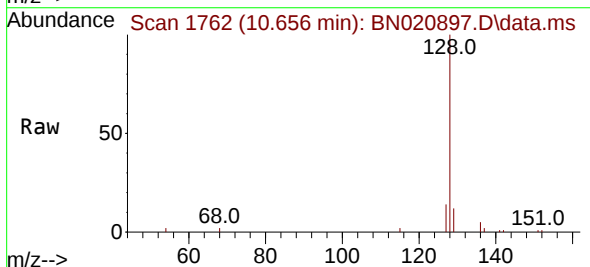
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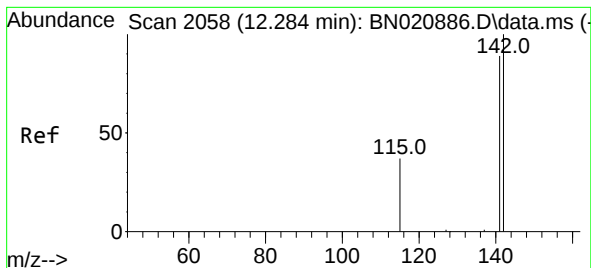
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.656 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

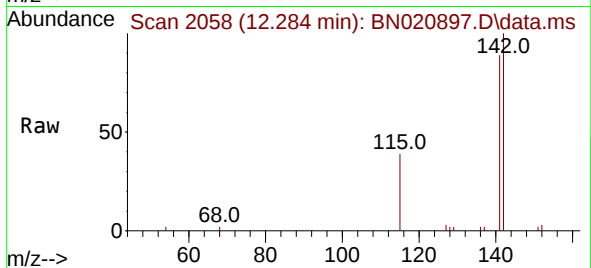
Tgt Ion:128 Resp: 7880
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.4 11.3 16.9





#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.284 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

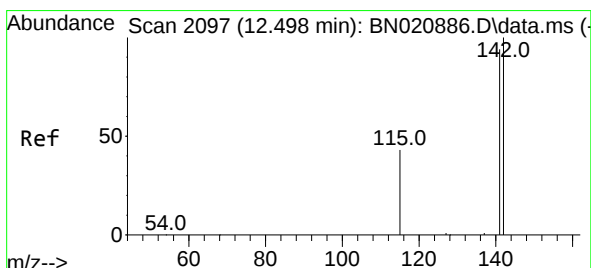
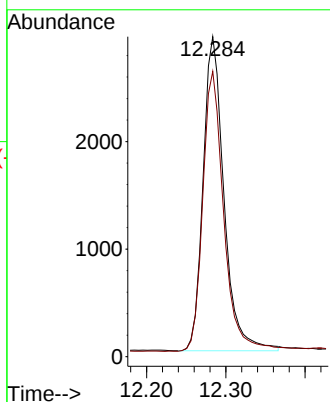
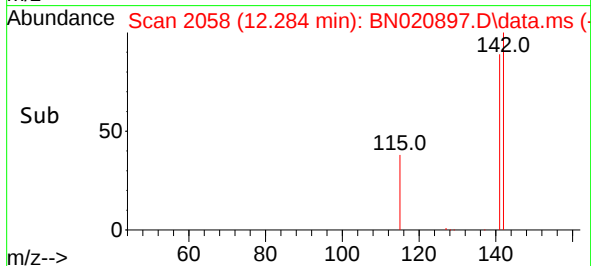
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



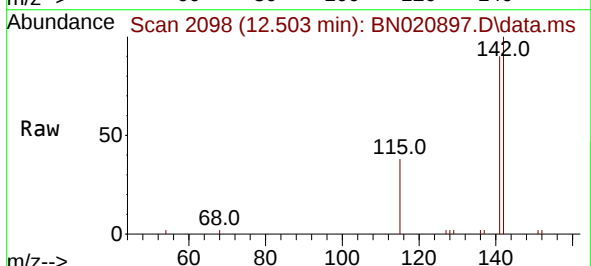
Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1

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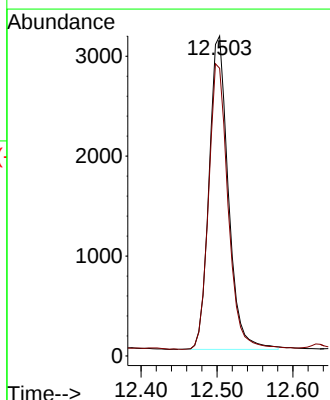
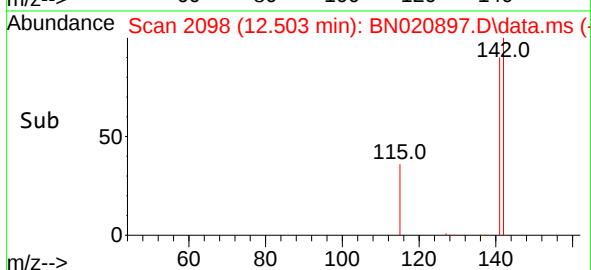
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

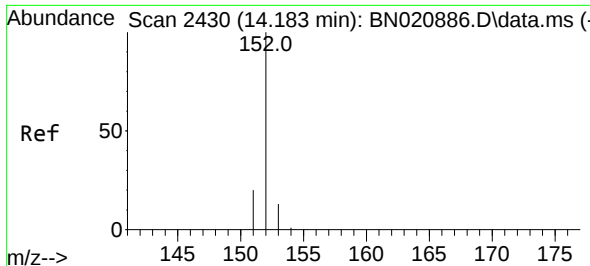


#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



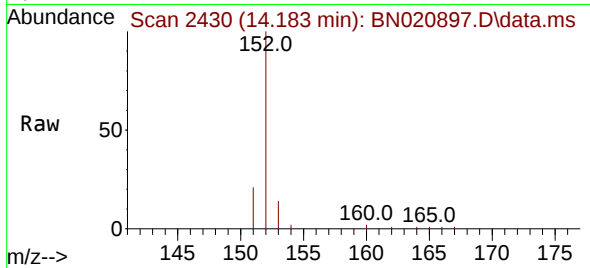
Tgt Ion:142 Resp: 5544
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5





#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

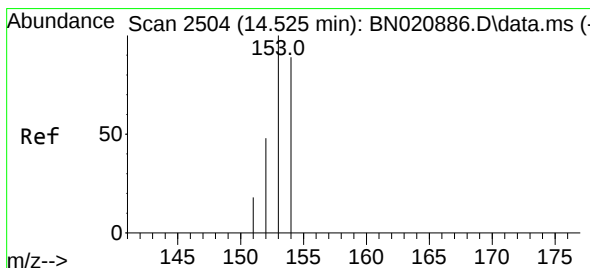
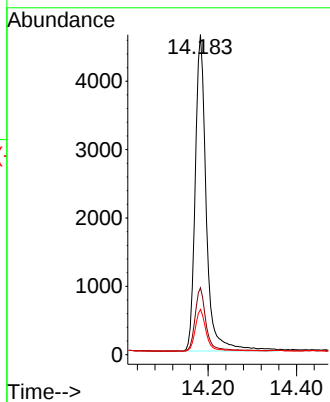
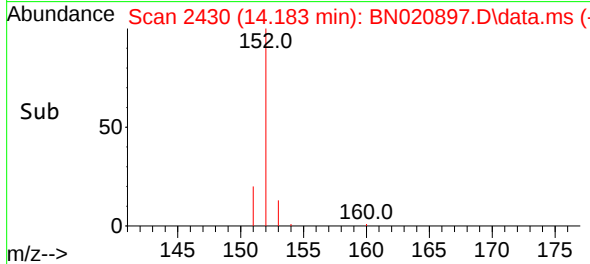
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



Tgt Ion:152 Resp: 8048
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 14.1 11.1 16.7

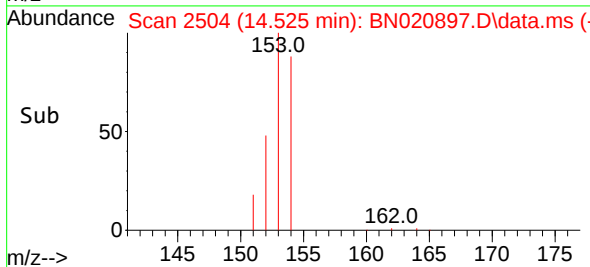
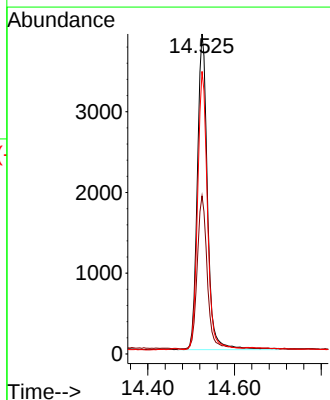
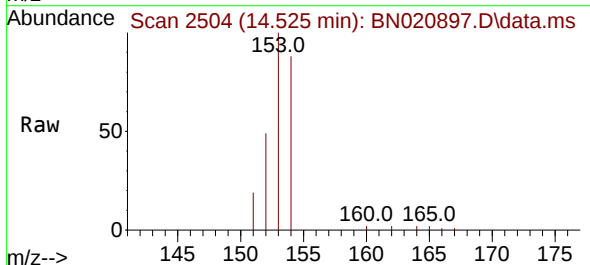
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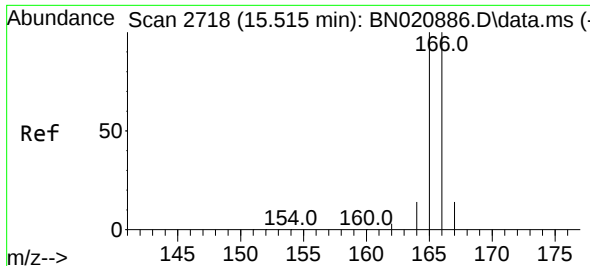
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

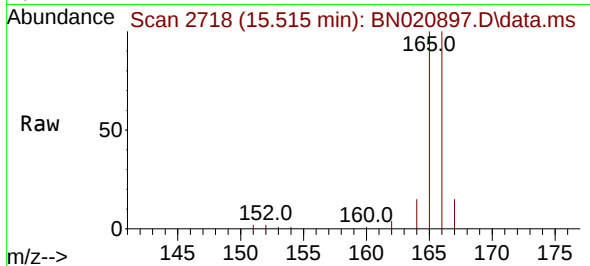
Tgt Ion:153 Resp: 6344
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 88.3 70.0 105.0





#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

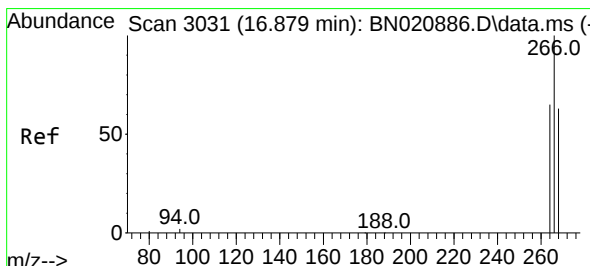
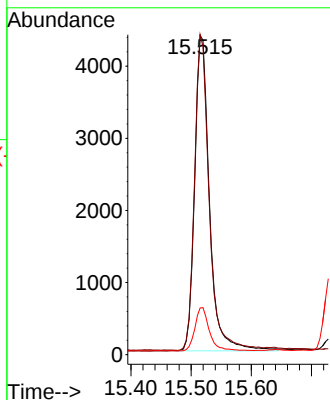
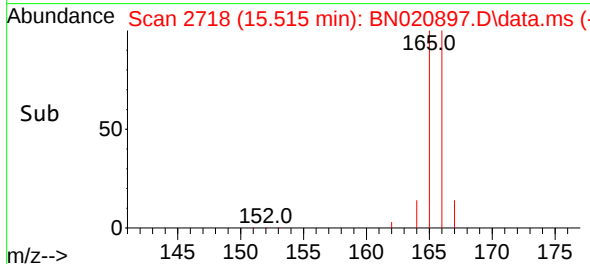
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



Tgt Ion:166 Resp: 7469
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.2
167 14.6 11.3 16.9

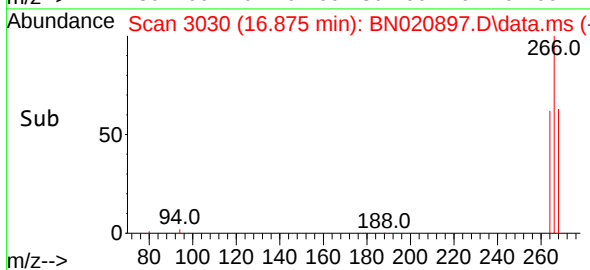
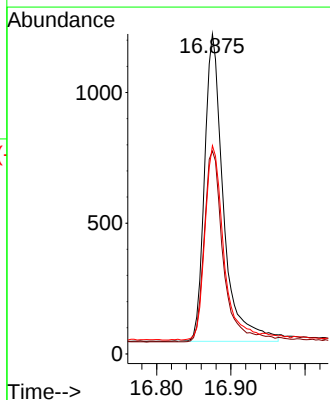
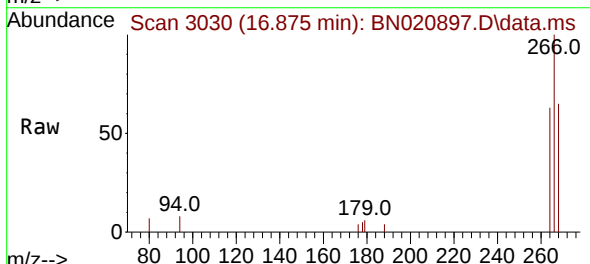
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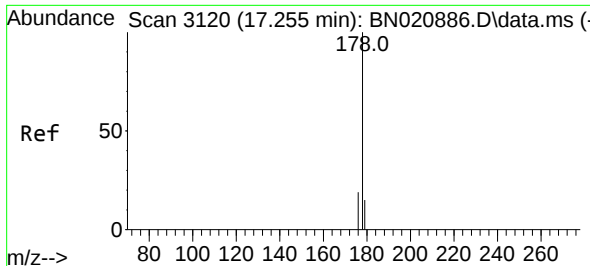
Reviewed By :Jagrut Upadhyay 07/28/2022
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#14
Pentachlorophenol
Concen: 1.258 ng/ul
RT: 16.875 min Scan# 3030
Delta R.T. -0.017 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

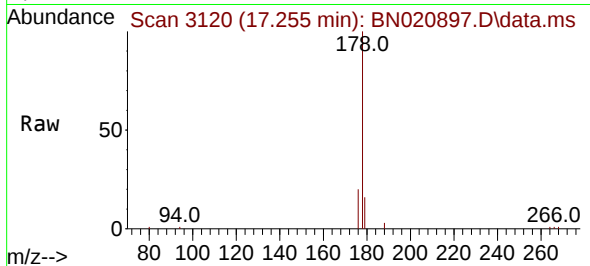
Tgt Ion:266 Resp: 2079
Ion Ratio Lower Upper
266 100
264 63.3 51.6 77.4
268 64.1 51.5 77.3





#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

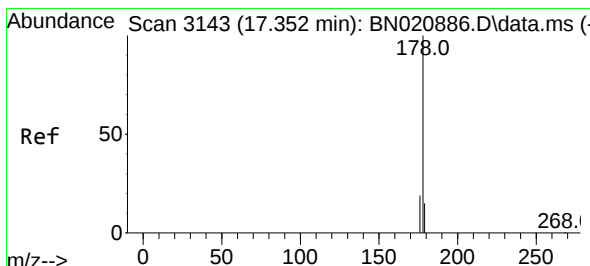
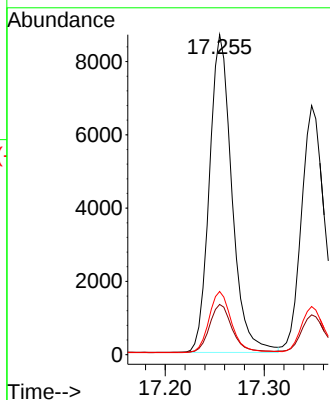
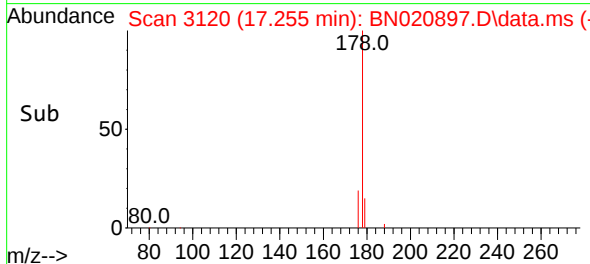
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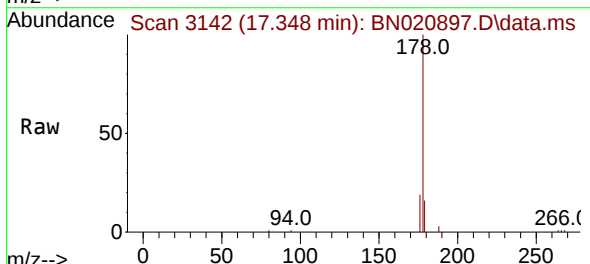
Tgt Ion:178 Resp: 1369
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.8 23.6

Manual Integrations
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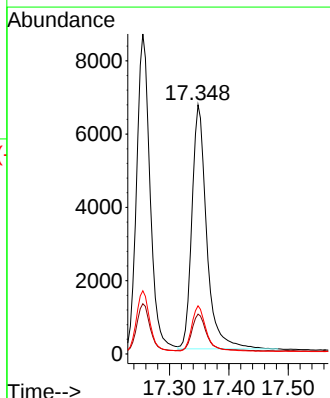
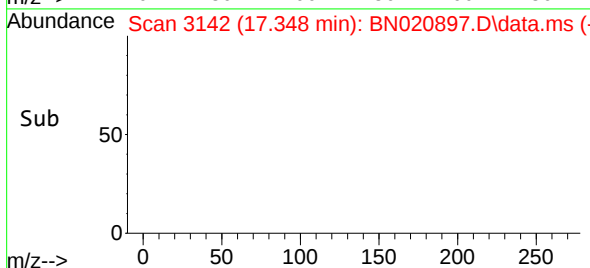
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

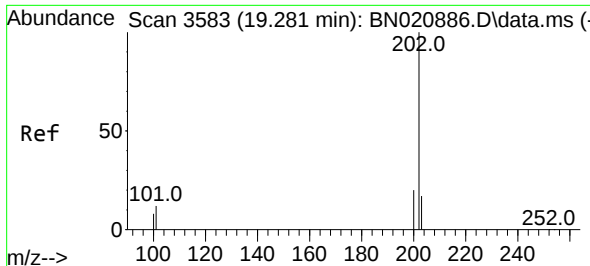


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



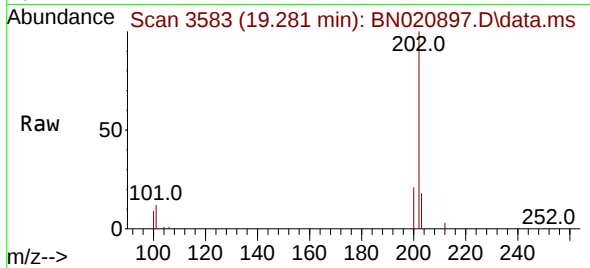
Tgt Ion:178 Resp: 11515
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.4 15.2 22.8





#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.281 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

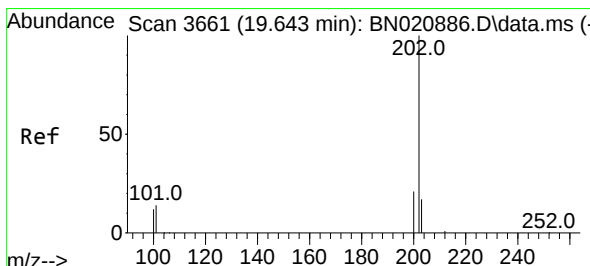
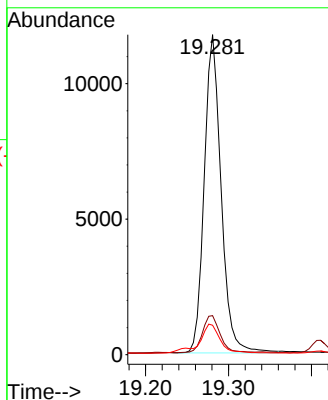
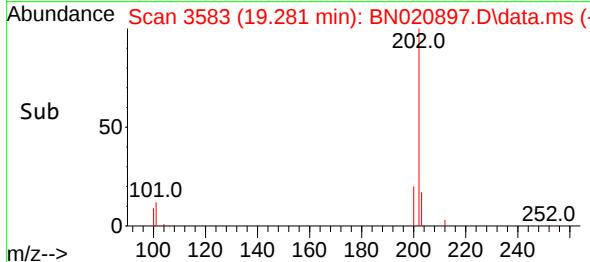
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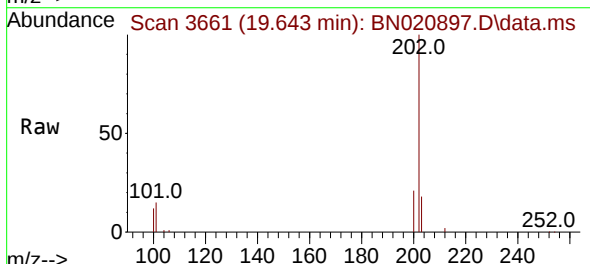
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Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.2 7.8 11.6

Manual Integrations
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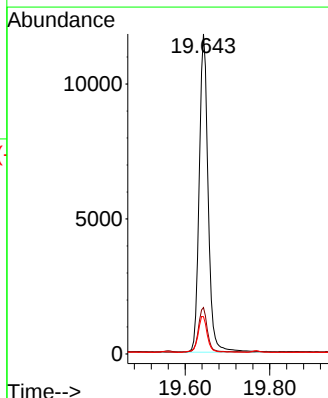
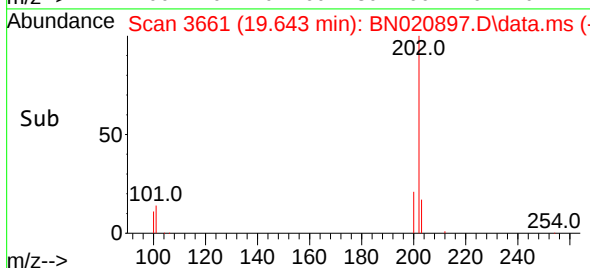
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

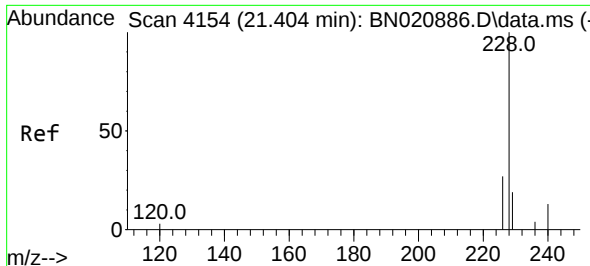


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.643 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



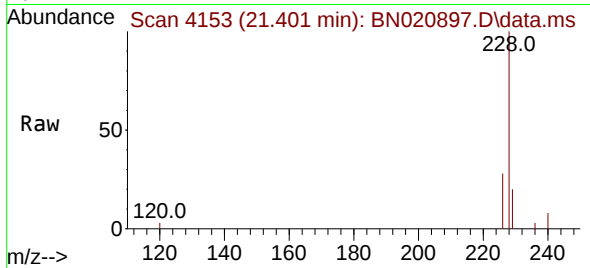
Tgt Ion:202 Resp: 17257
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.7 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.401 min Scan# 4154
Delta R.T. -0.015 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

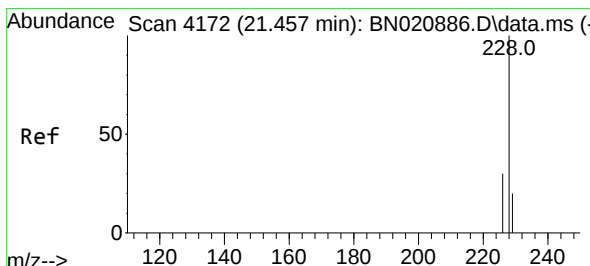
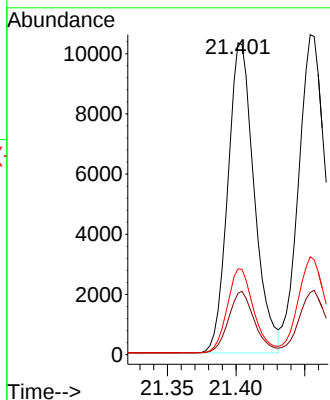
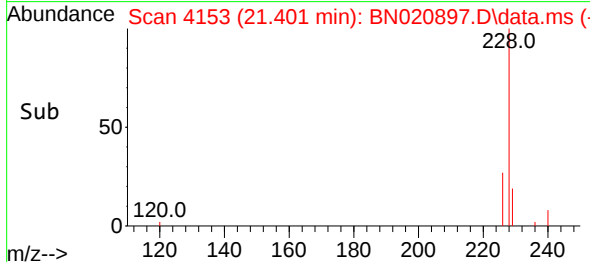
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



Tgt Ion:228 Resp: 13814
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.5 22.2 33.2

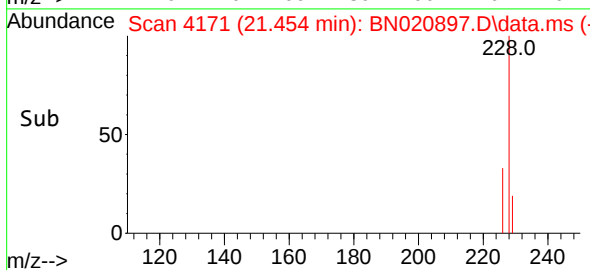
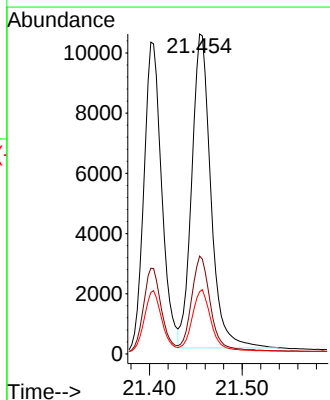
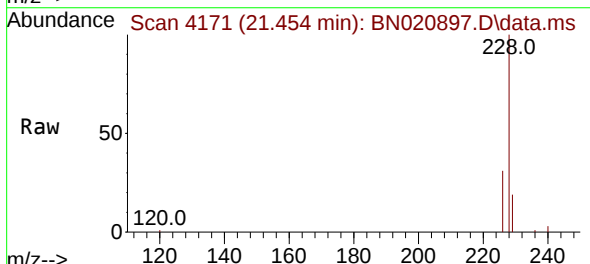
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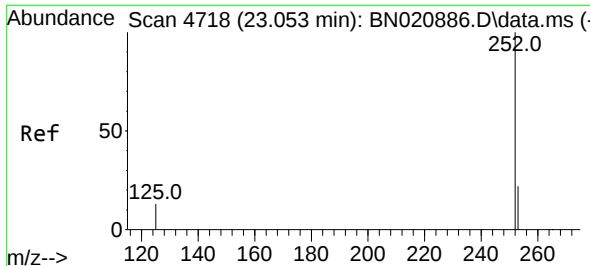
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.454 min Scan# 4171
Delta R.T. -0.012 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

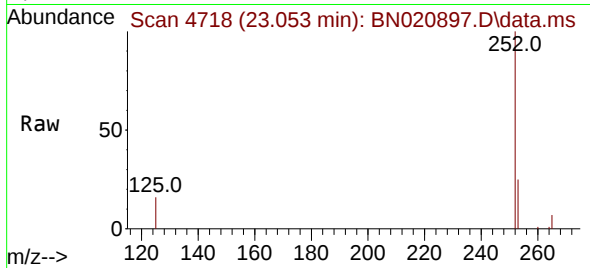
Tgt Ion:228 Resp: 14950
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.5 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.053 min Scan# 4718
Delta R.T. -0.012 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

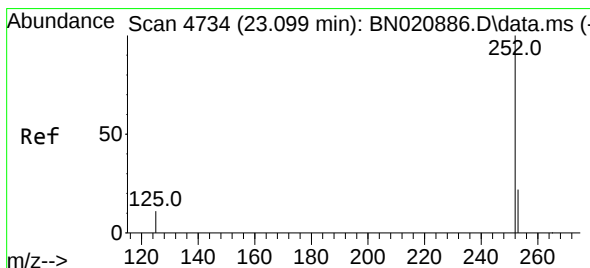
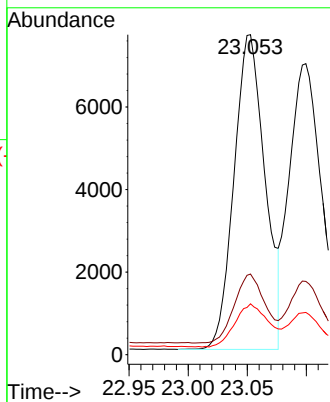
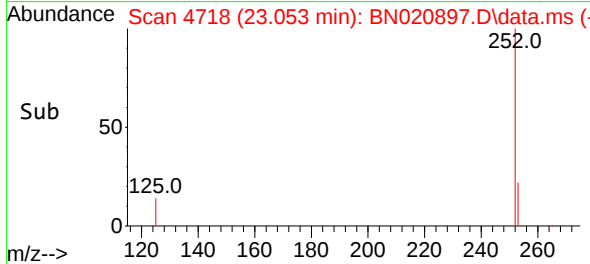
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



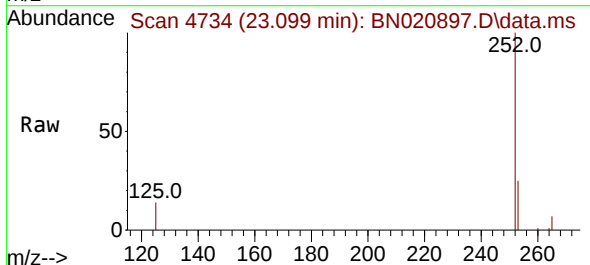
Tgt Ion:252 Resp: 13911
Ion Ratio Lower Upper
252 100
253 25.2 0.0 48.6
125 15.9 0.0 34.0

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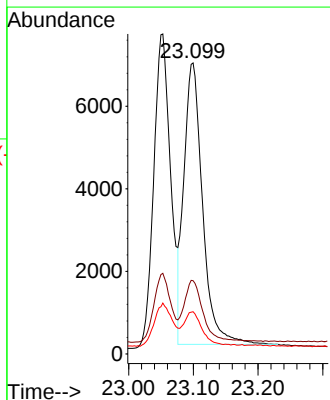
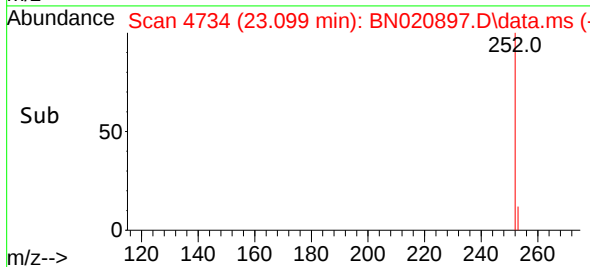
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

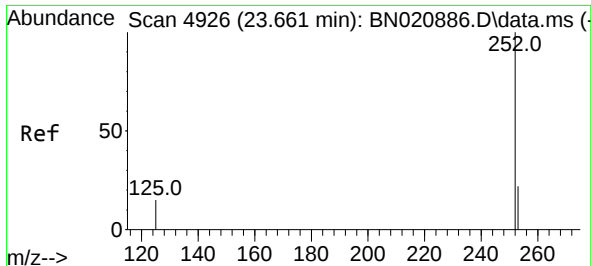


#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



Tgt Ion:252 Resp: 13691
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 14.5 12.0 18.0





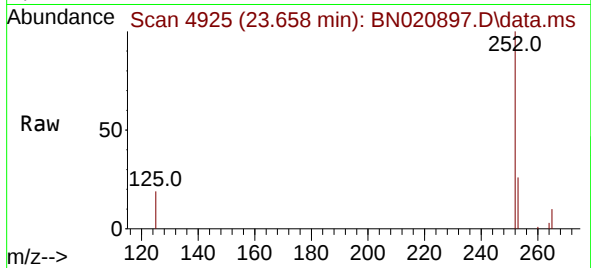
#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.658 min Scan# 4925
Delta R.T. -0.017 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

Instrument :

BNA_N

ClientSampleId :

GBJ15MS

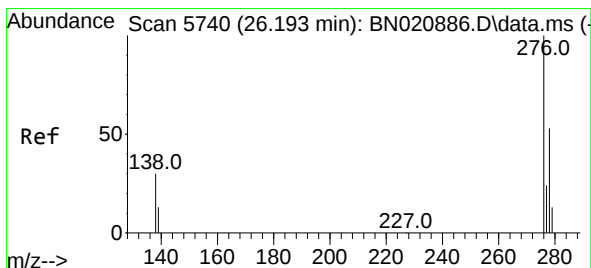
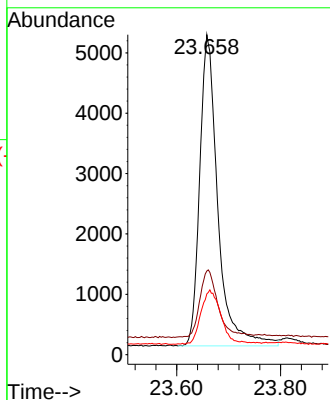
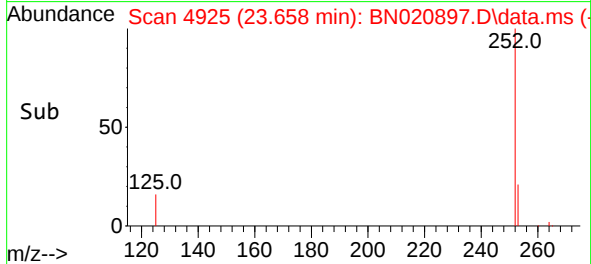


Tgt Ion:252 Resp: 12452
Ion Ratio Lower Upper
252 100
253 26.1 21.0 31.4
125 19.0 18.8 28.2

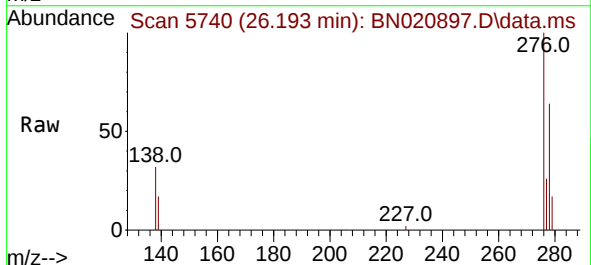
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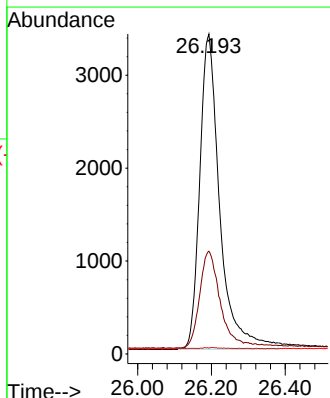
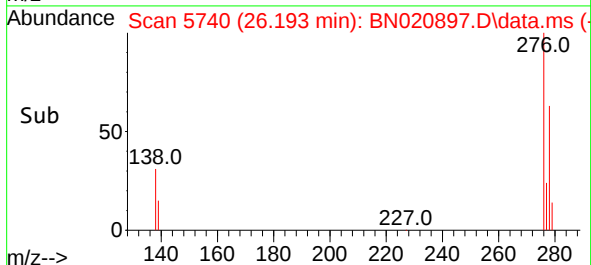
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022

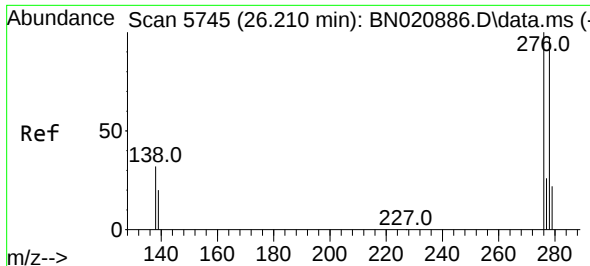


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.193 min Scan# 5740
Delta R.T. -0.017 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



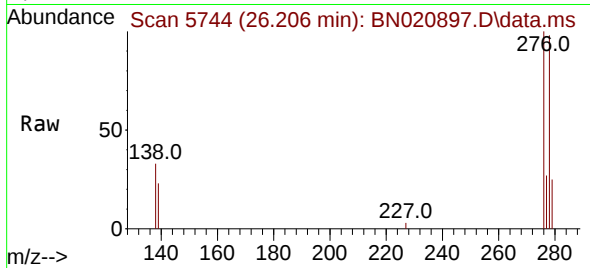
Tgt Ion:276 Resp: 12825
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.206 min Scan# 51
Delta R.T. -0.023 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46

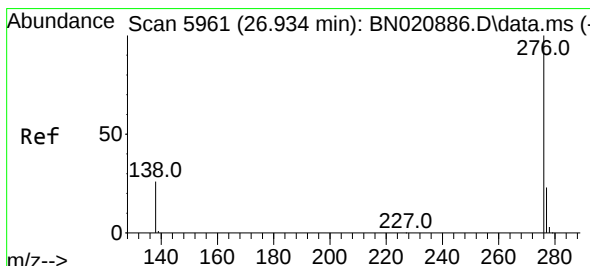
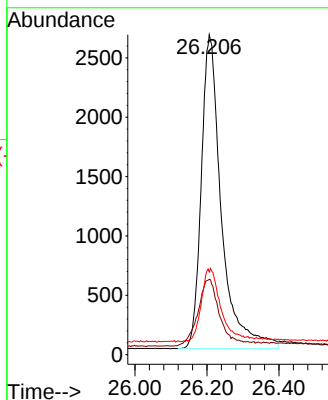
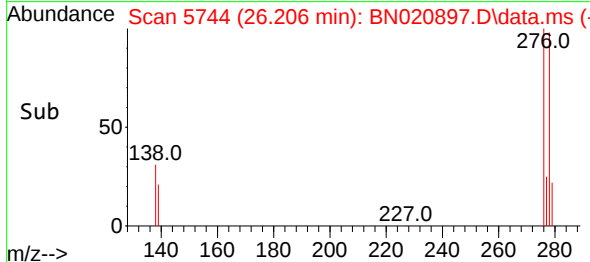
Instrument :
BNA_N
ClientSampleId :
GBJ15MS



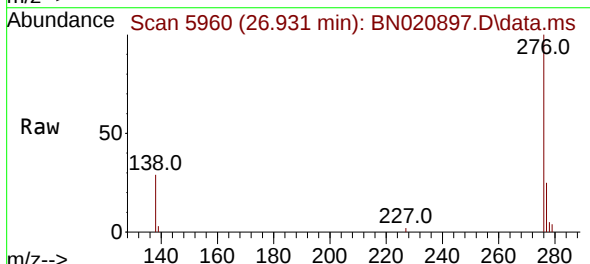
Tgt Ion:278 Resp: 1025
Ion Ratio Lower Upper
278 100
139 23.6 18.8 28.2
279 25.8 21.4 32.0

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Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 26.931 min Scan# 5960
Delta R.T. -0.017 min
Lab File: BN020897.D
Acq: 27 Jul 2022 13:46



Tgt Ion:276 Resp: 11203
Ion Ratio Lower Upper
276 100
138 28.8 23.5 35.3
277 24.8 20.1 30.1

