

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022223.D
 Acq On : 20 Oct 2022 08:03
 Operator : CG/JU
 Sample : N5023-10DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/20/2022
 Supervised By :mohammad ahmed 10/21/2022

Quant Time: Oct 20 08:32:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	5241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	17883	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	10087	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	20478	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	14194	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	10356	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	7799	1.145	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1893	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	3778	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	5186	0.098	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	2934	0.088	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	2357	0.069	ng/ul	99
10) Acenaphthylene	14.341	152	964	0.021	ng/ul#	77
15) Phenanthrene	17.417	178	17600	0.256	ng/ul	99
16) Anthracene	17.509	178	3371	0.058	ng/ul	94
19) Fluoranthene	19.440	202	44603	0.686	ng/ul	100
20) Pyrene	19.807	202	37005m	0.567	ng/ul	
21) Benzo(a)anthracene	21.559	228	17440	0.328	ng/ul	96
22) Chrysene	21.614	228	18857	0.335	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	21530m	0.414	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	8272m	0.164	ng/ul	
26) Benzo(a)pyrene	23.926	252	13862	0.334	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.618	276	9244	0.179	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.628	278	2280	0.055	ng/ul#	59
29) Benzo(g,h,i)perylene	27.420	276	7799	0.186	ng/ul	95

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

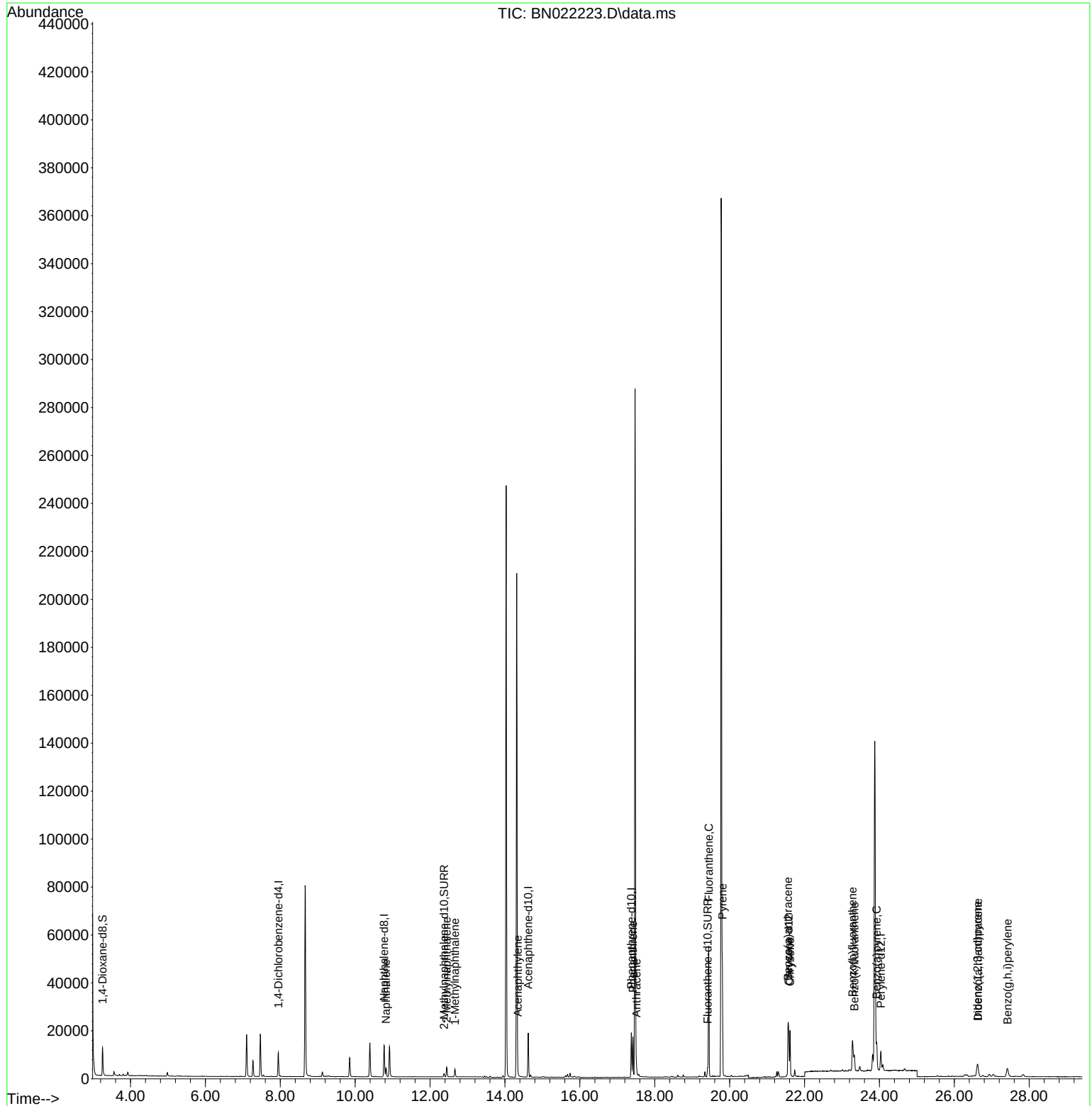
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022223.D
Acq On : 20 Oct 2022 08:03
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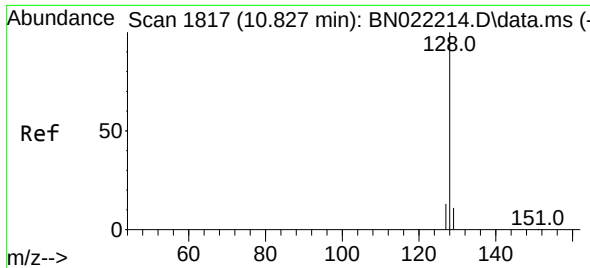
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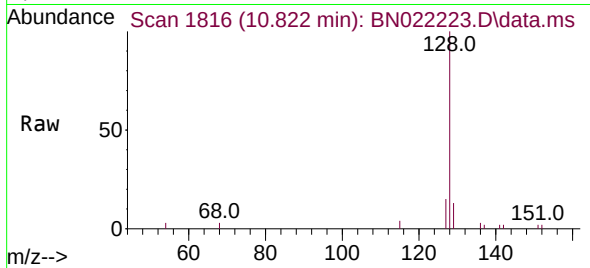
Quant Time: Oct 20 08:32:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

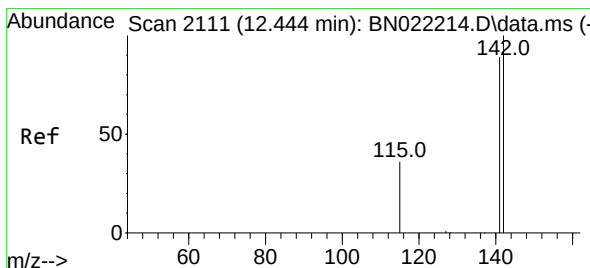
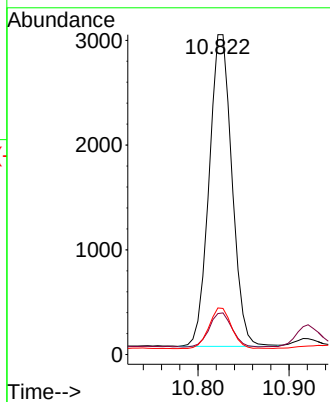
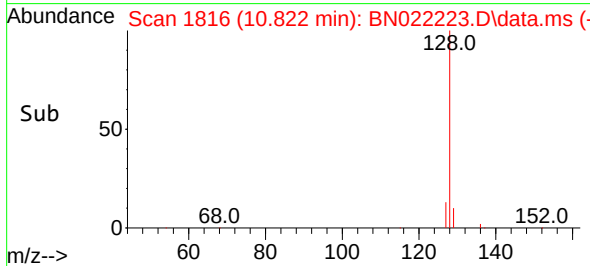
Instrument :
BNA_N
ClientSampleId :
C0BC9DL



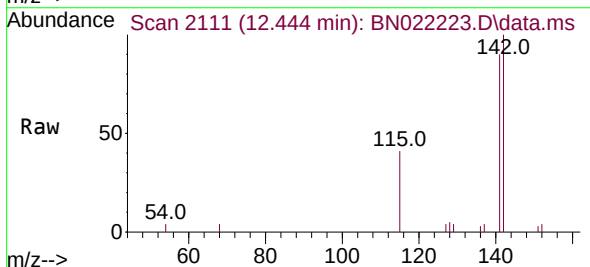
Tgt Ion:128 Resp: 5186
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.6 10.7 16.1

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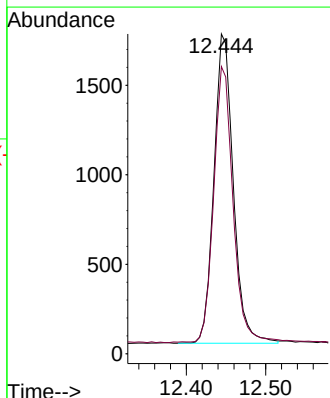
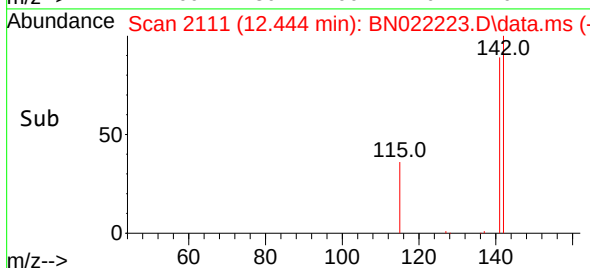
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

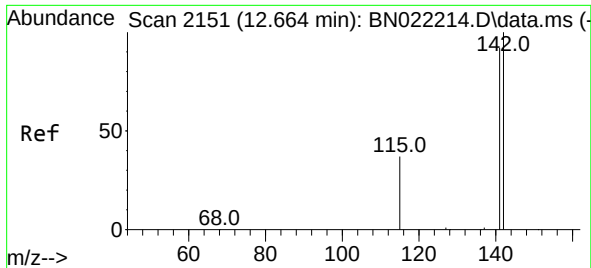


#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03



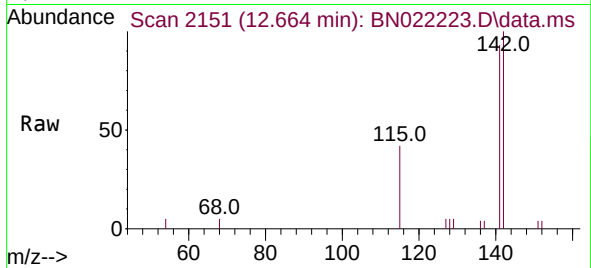
Tgt Ion:142 Resp: 2934
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

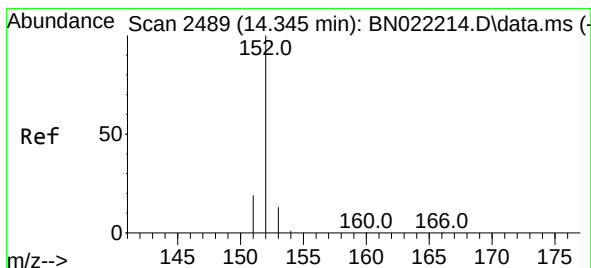
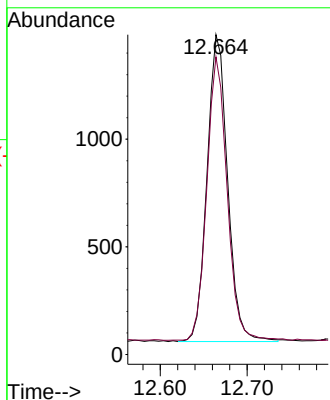
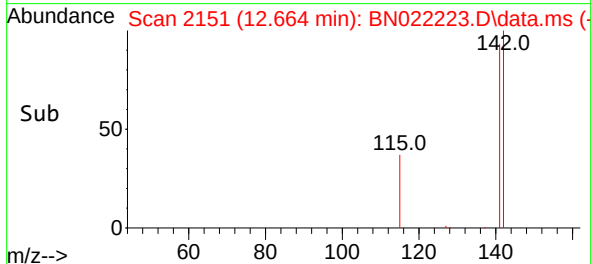
Instrument :
BNA_N
ClientSampleId :
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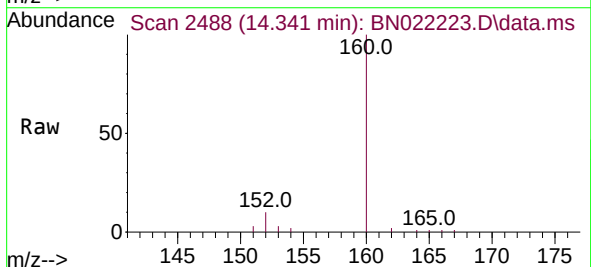
Tgt Ion:142 Resp: 2352
Ion Ratio Lower Upper
142 100
141 90.8 73.3 109.9

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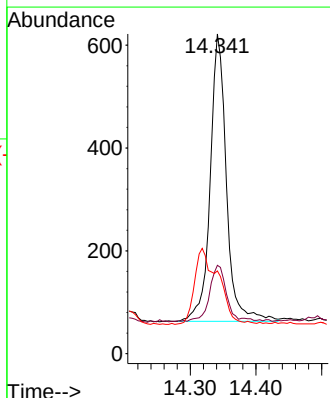
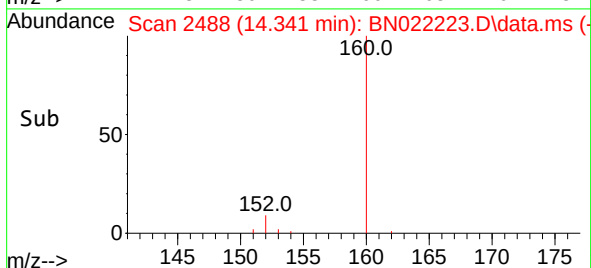
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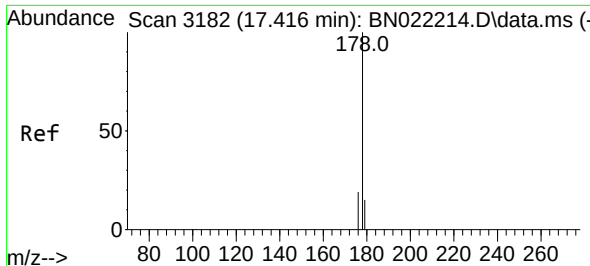


#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03



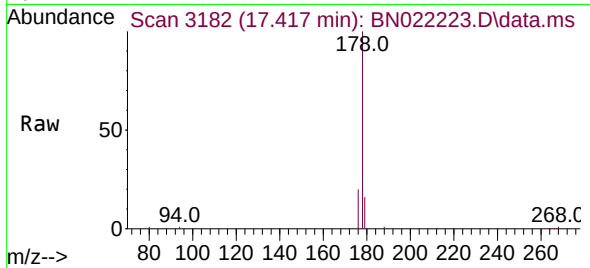
Tgt Ion:152 Resp: 964
Ion Ratio Lower Upper
152 100
151 27.7 15.9 23.9#
153 25.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

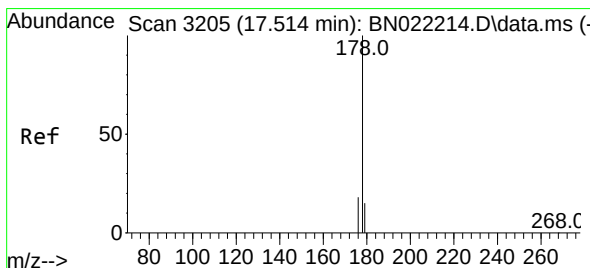
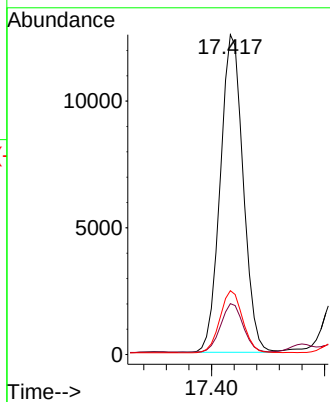
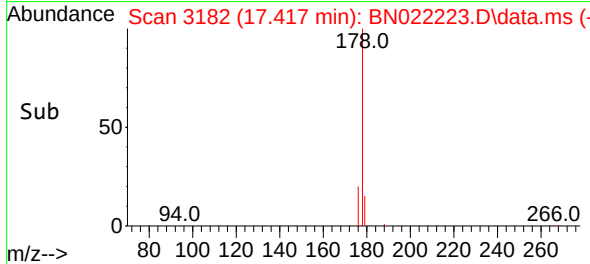
Instrument :
BNA_N
ClientSampleId :
C0BC9DL



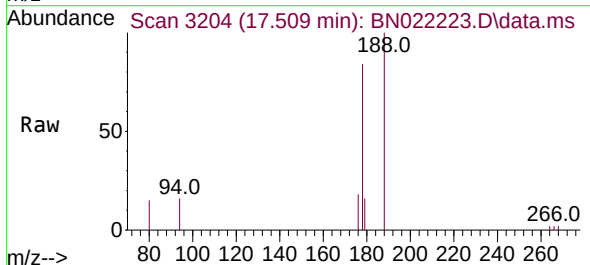
Tgt Ion:178 Resp: 17600
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 20.0 15.4 23.2

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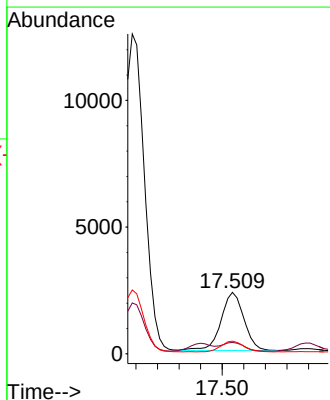
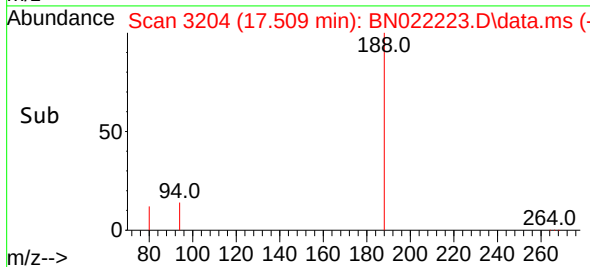
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

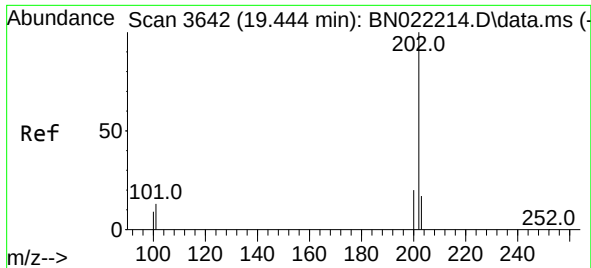


#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03



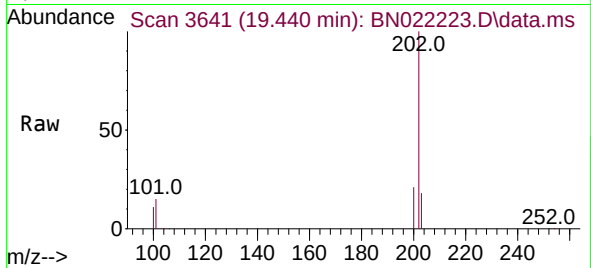
Tgt Ion:178 Resp: 3371
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.8 15.0 22.6





#19
Fluoranthene
Concen: 0.686 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

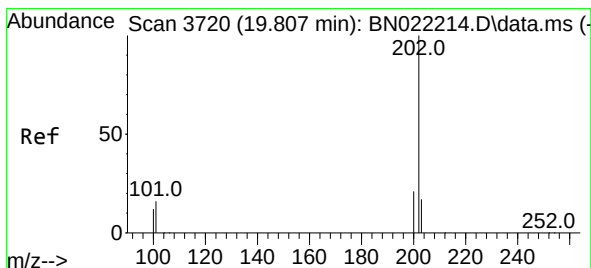
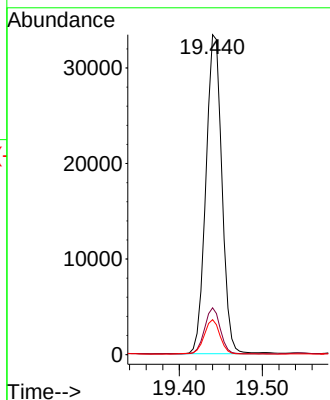
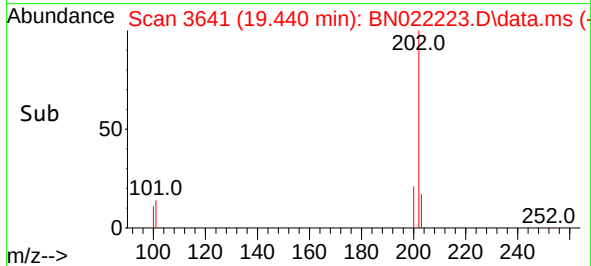
Instrument :
BNA_N
ClientSampleId :
C0BC9DL



Tgt Ion:202 Resp: 44603
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 11.0 8.7 13.1

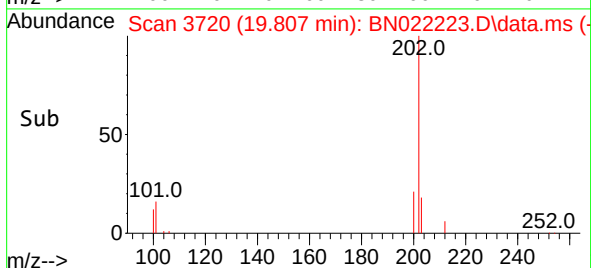
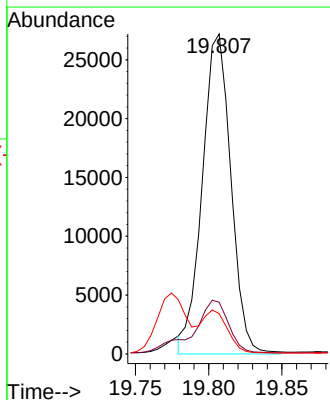
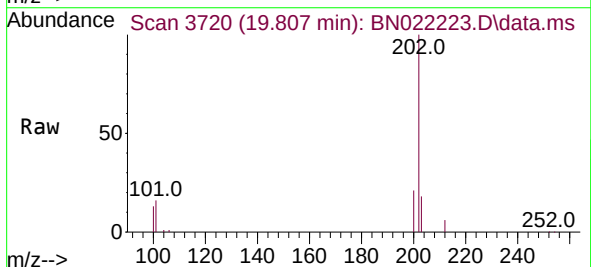
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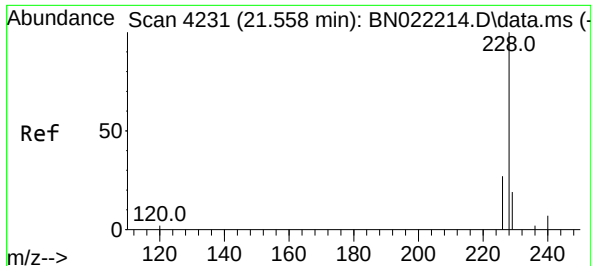
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 0.567 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

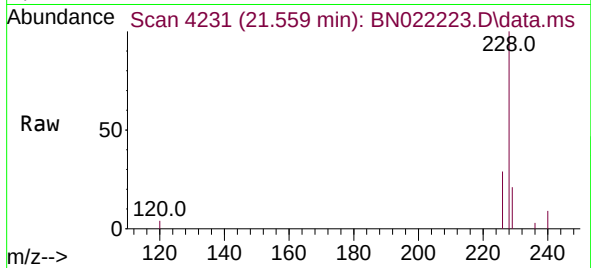
Tgt Ion:202 Resp: 37005
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 12.6 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

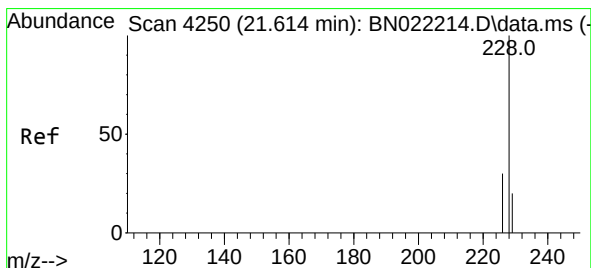
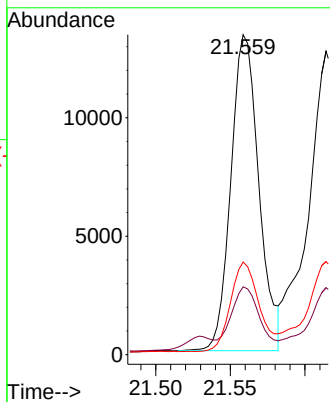
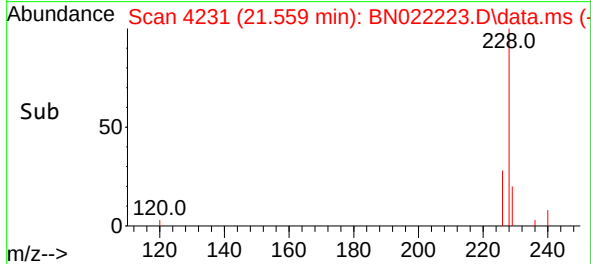
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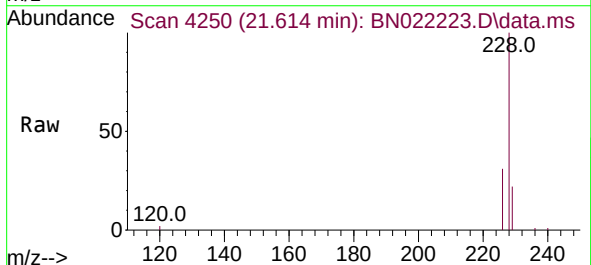
Tgt Ion:228 Resp: 17440
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.9 21.5 32.3

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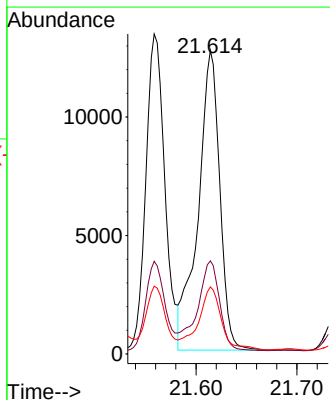
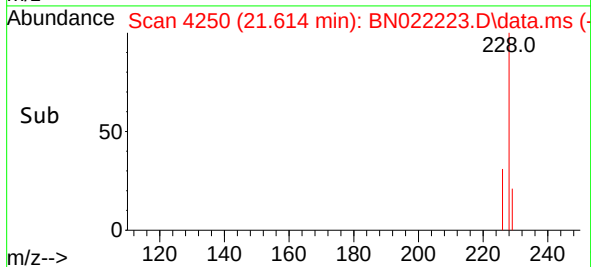
Reviewed By :Jagrut Upadhyay 10/20/2022
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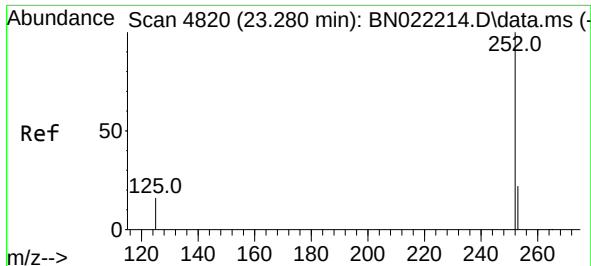


#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03



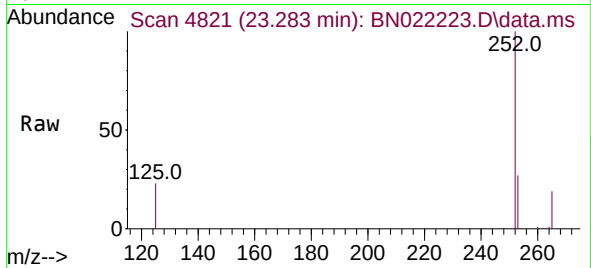
Tgt Ion:228 Resp: 18857
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

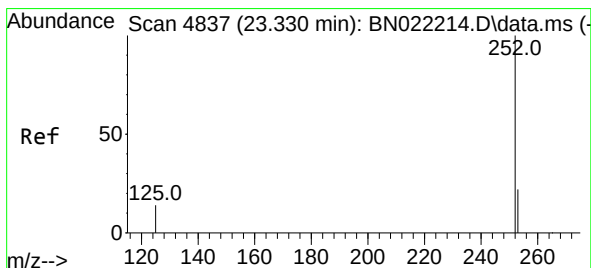
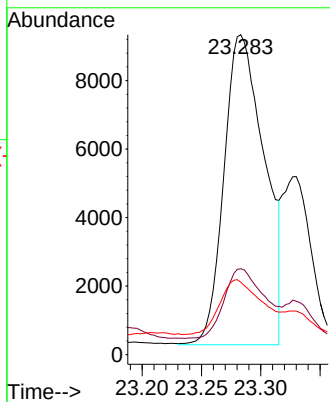
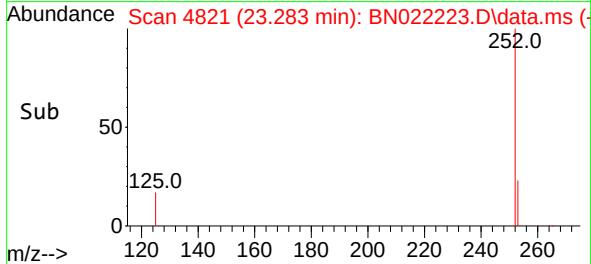
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 21536
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.0
125 22.6 0.0 35.2

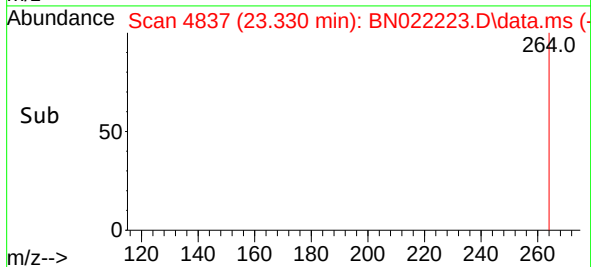
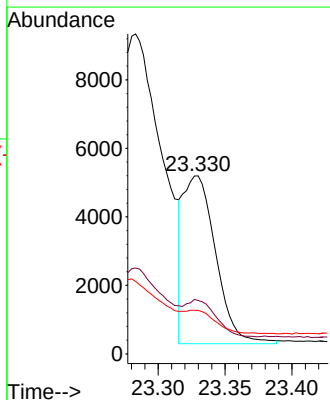
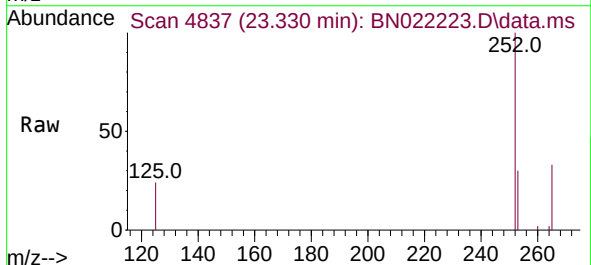
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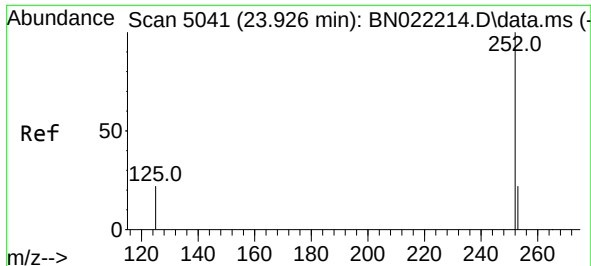
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

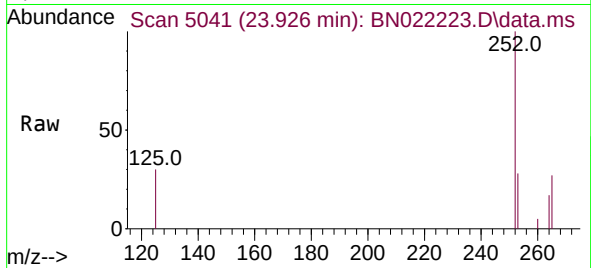
Tgt Ion:252 Resp: 8272
Ion Ratio Lower Upper
252 100
253 30.0 19.7 29.5#
125 24.4 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

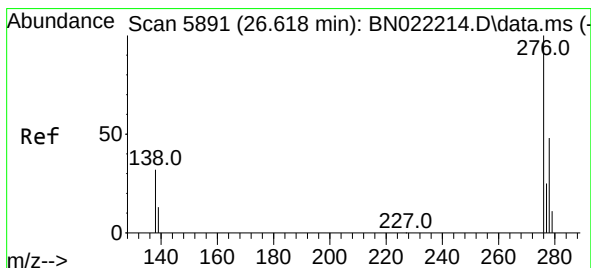
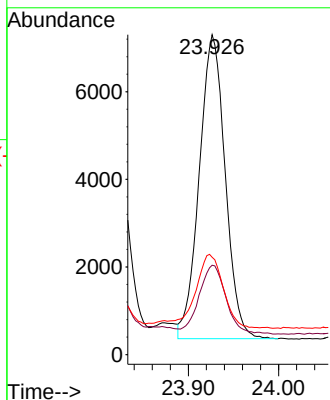
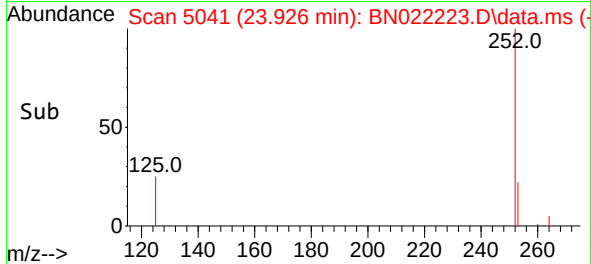
Instrument :
BNA_N
ClientSampleId :
C0BC9DL



Tgt Ion:252 Resp: 13862
Ion Ratio Lower Upper
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253 27.9 21.0 31.6
125 30.4 17.9 26.9

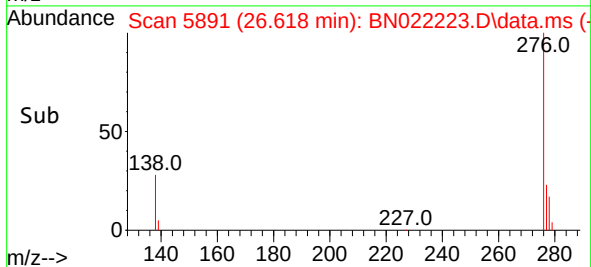
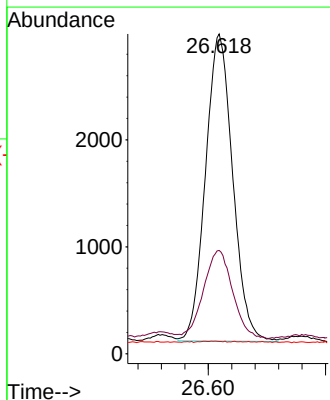
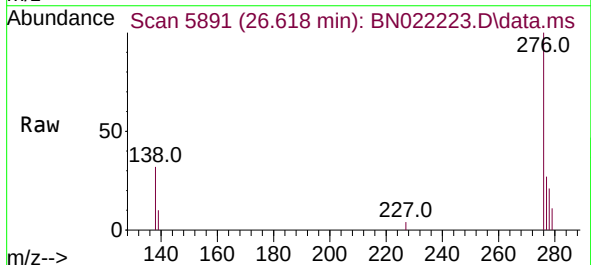
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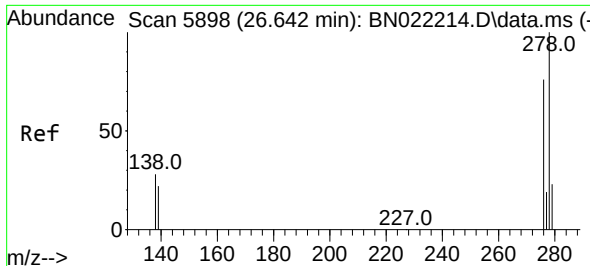
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

Tgt Ion:276 Resp: 9244
Ion Ratio Lower Upper
276 100
138 30.7 27.7 41.5
227 0.4 0.2 0.2





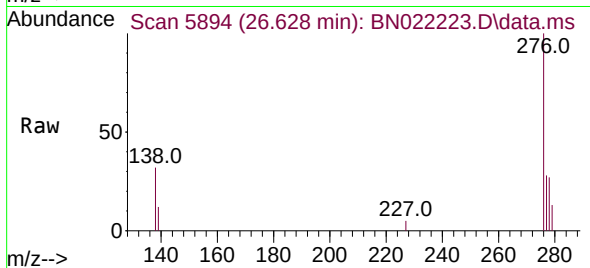
#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.628 min Scan# 5898
Delta R.T. -0.027 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03

Instrument :

BNA_N

ClientSampleId :

C0BC9DL

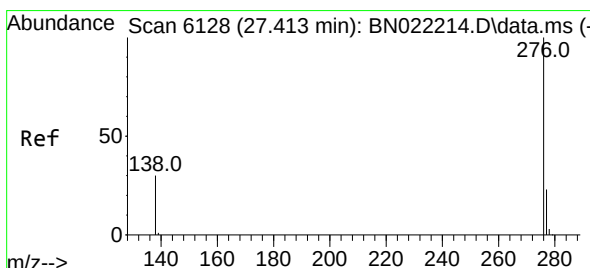
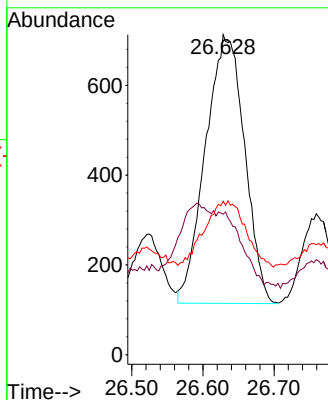
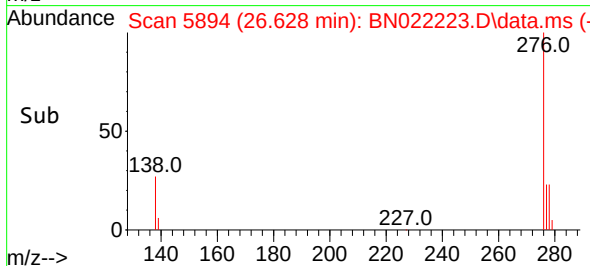


Tgt Ion: 278 Resp: 2280
Ion Ratio Lower Upper
278 100
139 43.9 19.6 29.4
279 48.0 20.6 30.8

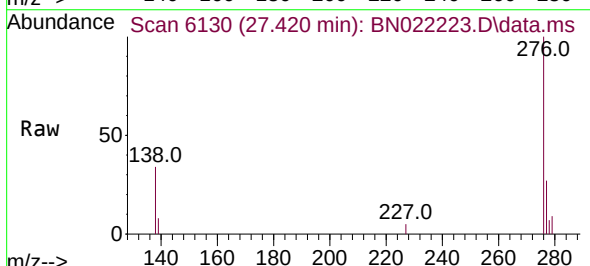
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.010 min
Lab File: BN022223.D
Acq: 20 Oct 2022 08:03



Tgt Ion: 276 Resp: 7799
Ion Ratio Lower Upper
276 100
138 33.9 25.2 37.8
277 27.3 19.9 29.9

