

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022283.D
 Acq On : 22 Oct 2022 09:27
 Operator : CG/JU
 Sample : N5064-19DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 12:11:53 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 : Sat Oct 22 03:40:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	5049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16469	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14347	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10047	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	9006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	9189	1.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2056	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	3001	0.089	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	4866	0.100	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	3201	0.104	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	2706	0.086	ng/ul	99
10) Acenaphthylene	14.341	152	2155	0.059	ng/ul#	89
15) Phenanthrene	17.412	178	10902	0.226	ng/ul	99
16) Anthracene	17.505	178	1996	0.049	ng/ul#	90
19) Fluoranthene	19.440	202	24064	0.523	ng/ul	97
20) Pyrene	19.802	202	22286	0.482	ng/ul	100
21) Benzo(a)anthracene	21.556	228	10347	0.275	ng/ul	96
22) Chrysene	21.611	228	12276	0.308	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	16125m	0.357	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	5485m	0.125	ng/ul	
26) Benzo(a)pyrene	23.920	252	10482	0.291	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.612	276	8266	0.184	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.625	278	1967	0.055	ng/ul#	63
29) Benzo(g,h,i)perylene	27.406	276	6989	0.191	ng/ul	98

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

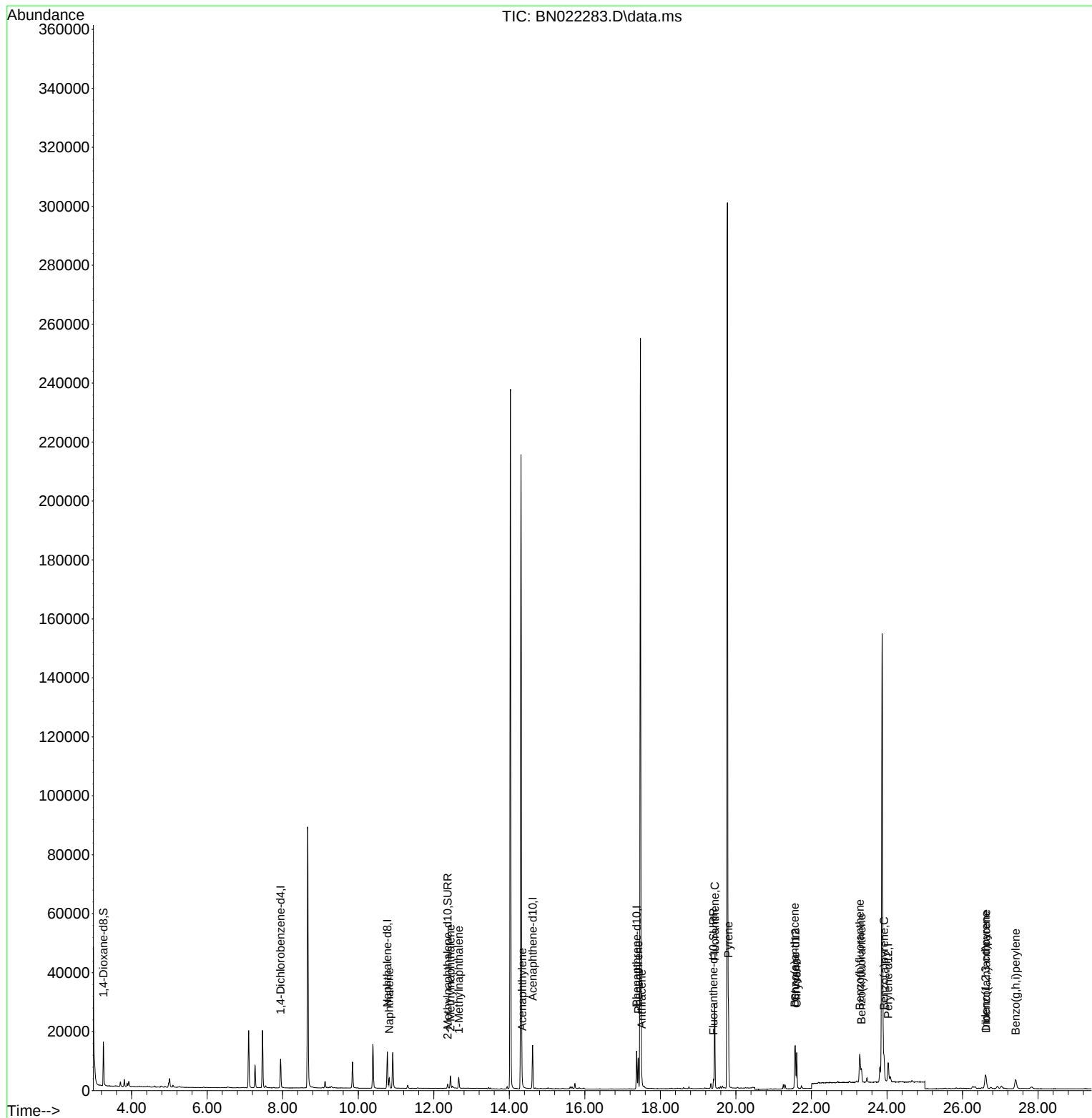
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022283.D
Acq On : 22 Oct 2022 09:27
Operator : CG/JU
Sample : N5064-19DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

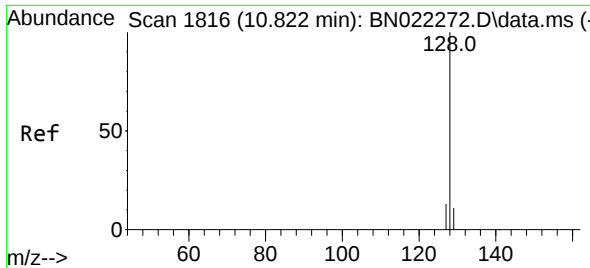
Instrument :
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Supervised By :mohammad ahmed 10/24/2022

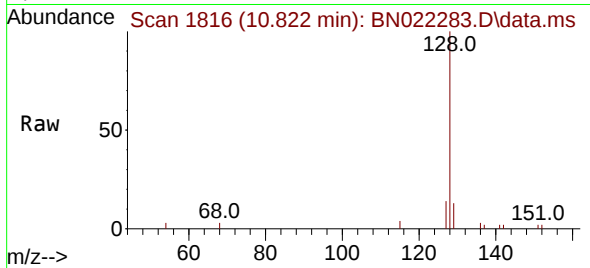
Quant Time: Oct 22 12:11:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

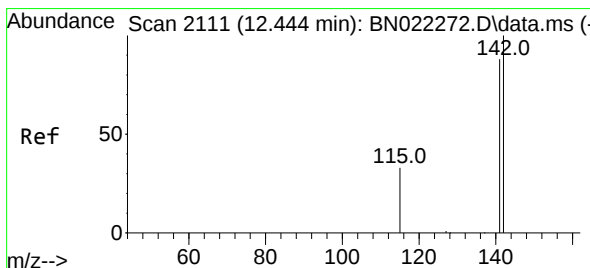
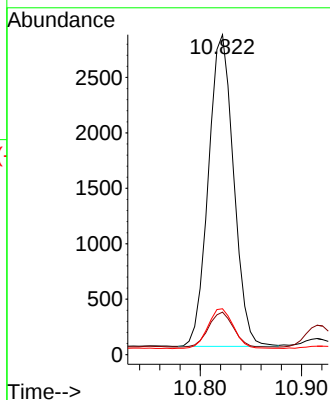
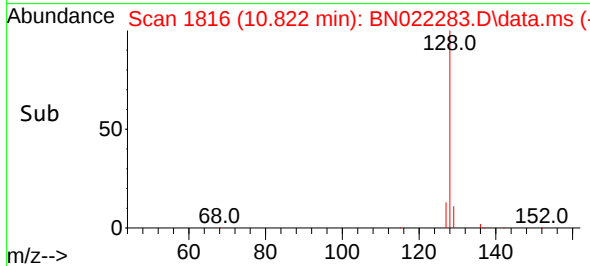
Instrument :
BNA_N
ClientSampleId :
C0BS3DL



Tgt Ion:128 Resp: 4860
Ion Ratio Lower Upper
128 100
129 13.3 9.3 13.9
127 14.3 10.7 16.1

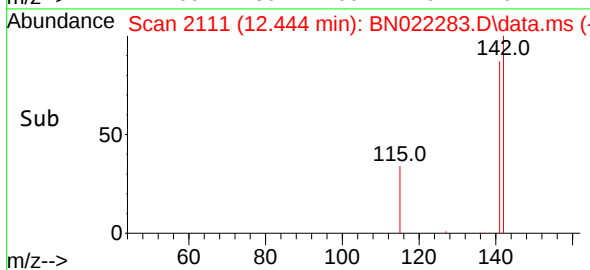
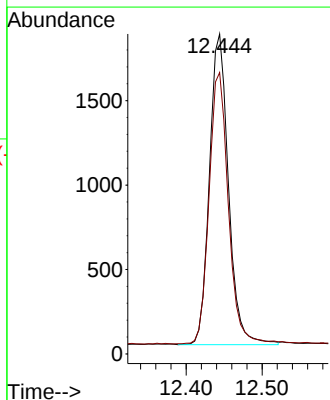
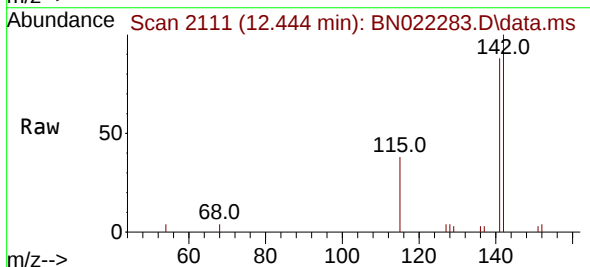
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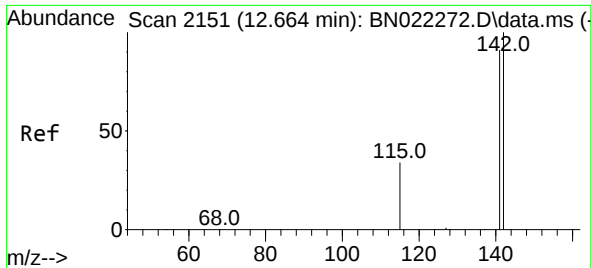
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

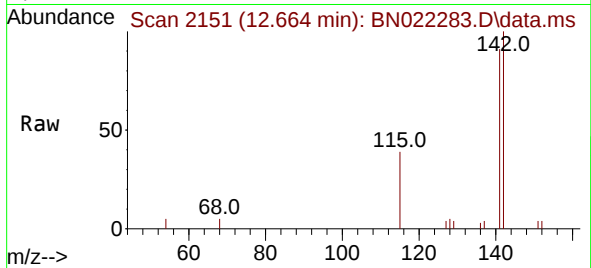
Tgt Ion:142 Resp: 3201
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

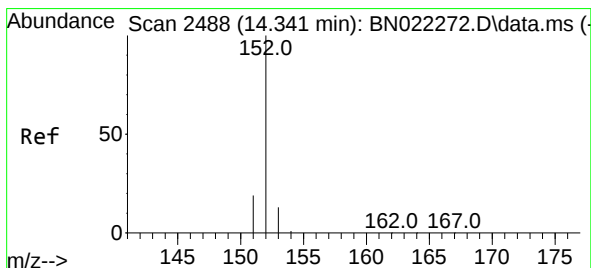
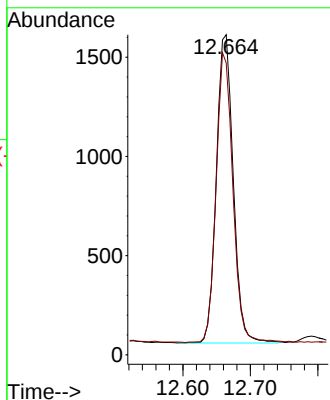
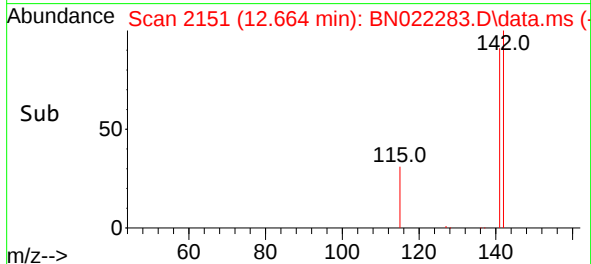
Instrument :
BNA_N
ClientSampleId :
C0BS3DL



Tgt Ion:142 Resp: 2700
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9

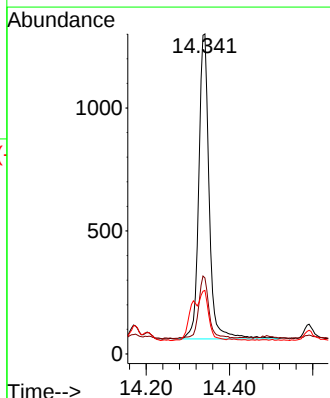
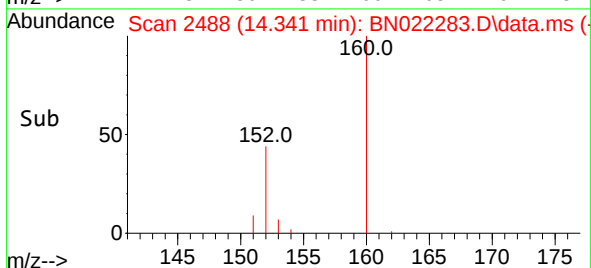
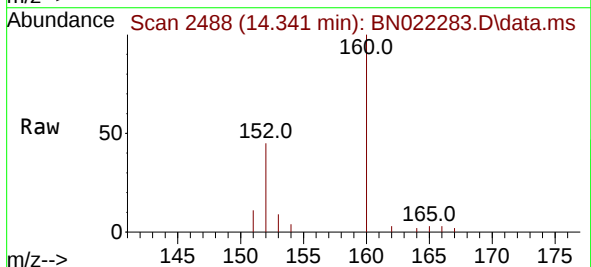
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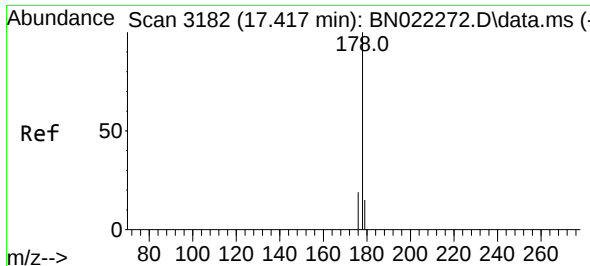
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

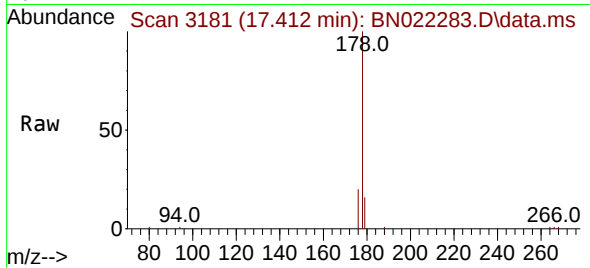
Tgt Ion:152 Resp: 2155
Ion Ratio Lower Upper
152 100
151 23.8 15.9 23.9
153 19.8 10.8 16.2#





#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

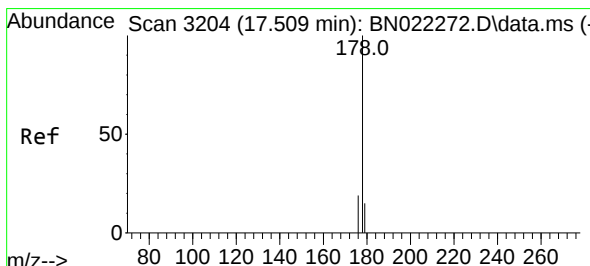
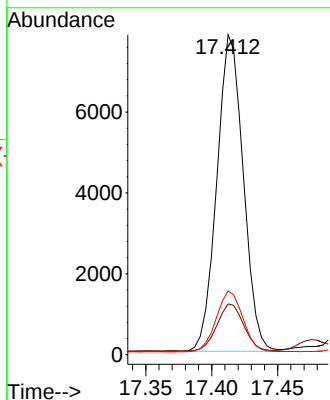
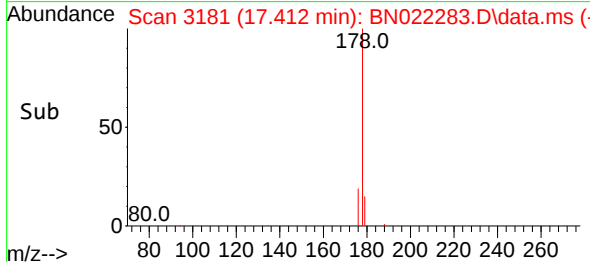
Instrument :
BNA_N
ClientSampleId :
C0BS3DL



Tgt Ion:178 Resp: 1090
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.9 15.4 23.2

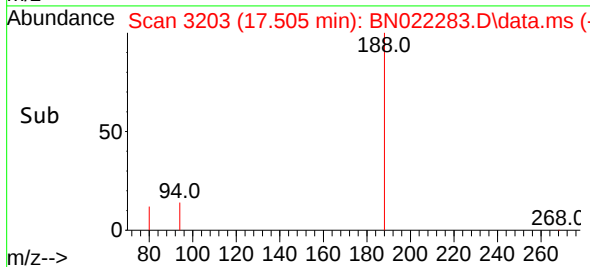
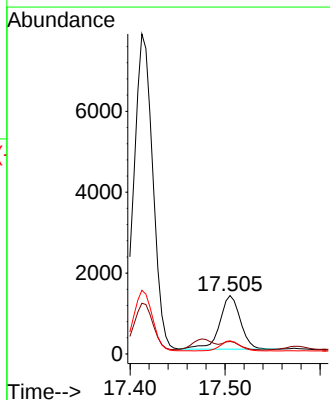
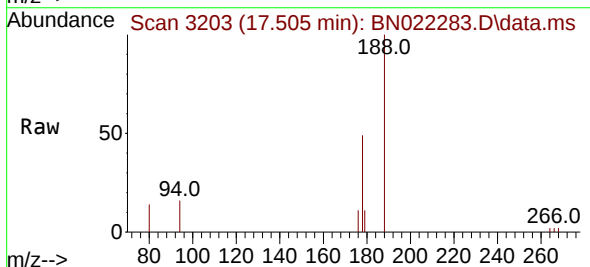
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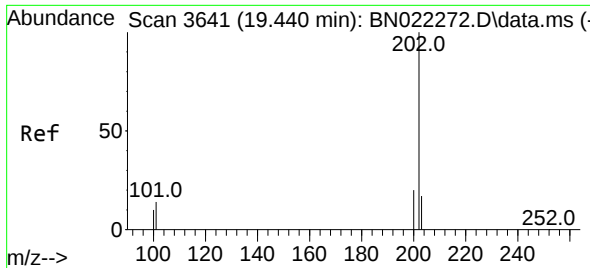
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.049 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

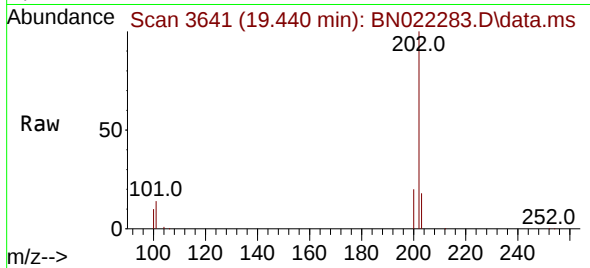
Tgt Ion:178 Resp: 1996
Ion Ratio Lower Upper
178 100
179 21.4 12.6 18.8#
176 22.4 15.0 22.6





#19
Fluoranthene
Concen: 0.523 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

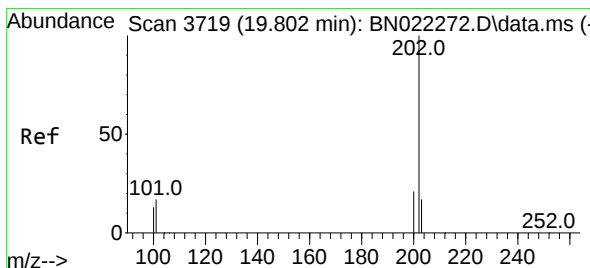
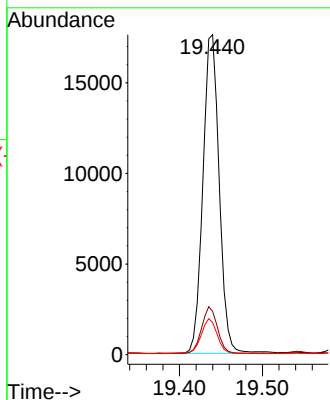
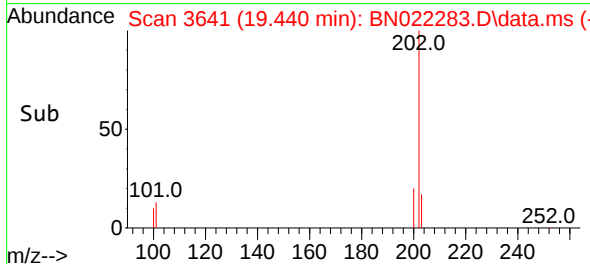
Instrument :
BNA_N
ClientSampleId :
C0BS3DL



Tgt Ion:202 Resp: 24064
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.1 8.7 13.1

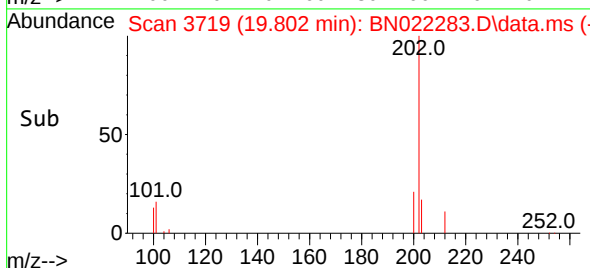
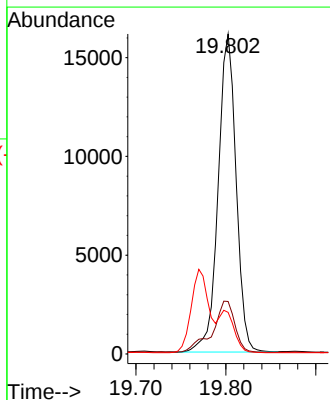
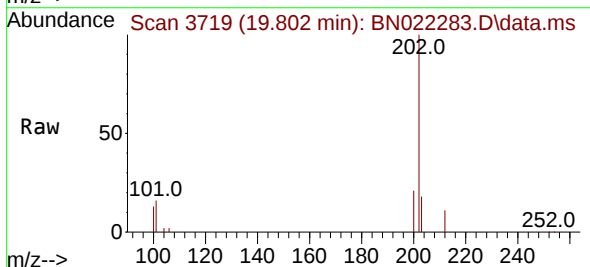
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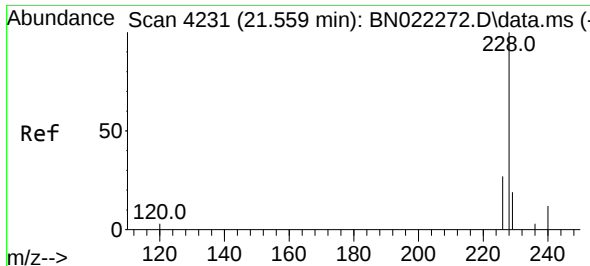
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 0.482 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

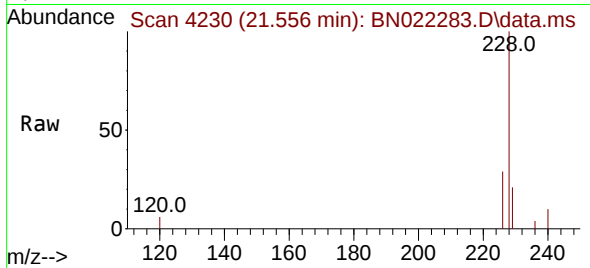
Tgt Ion:202 Resp: 22286
Ion Ratio Lower Upper
202 100
101 16.4 13.1 19.7
100 13.0 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.275 ng/u1
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

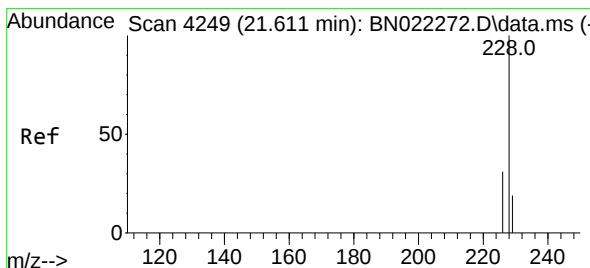
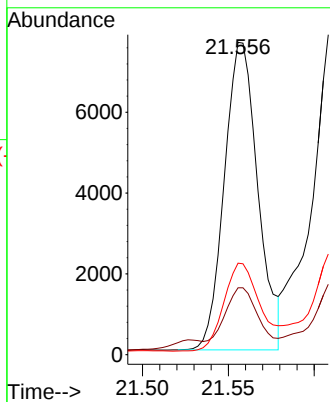
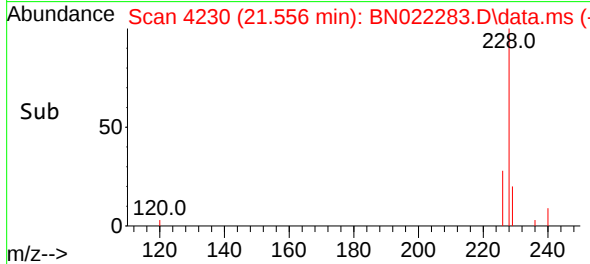
Instrument :
BNA_N
ClientSampleId :
C0BS3DL



Tgt Ion:228 Resp: 1034
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.3 21.5 32.3

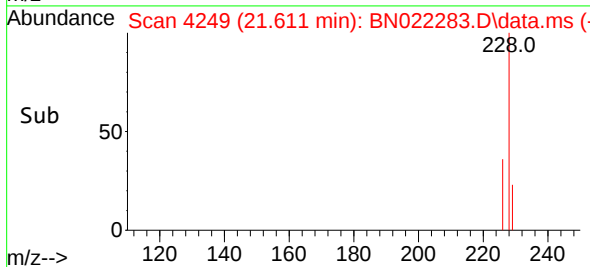
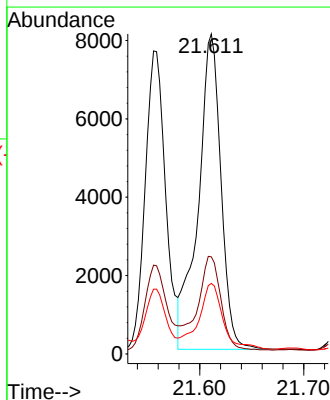
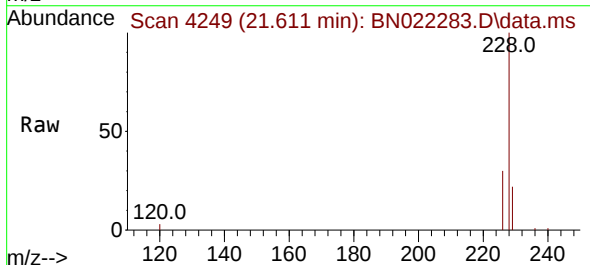
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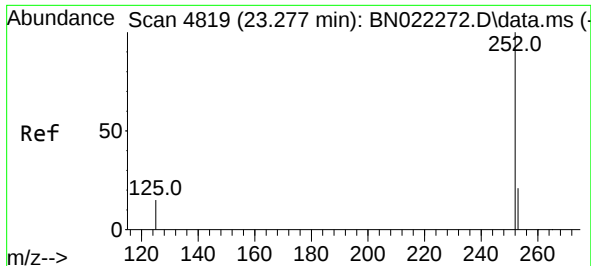
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.308 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

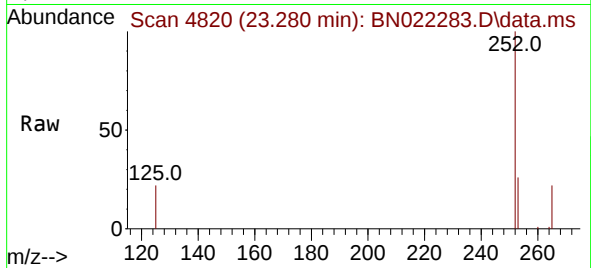
Tgt Ion:228 Resp: 12276
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

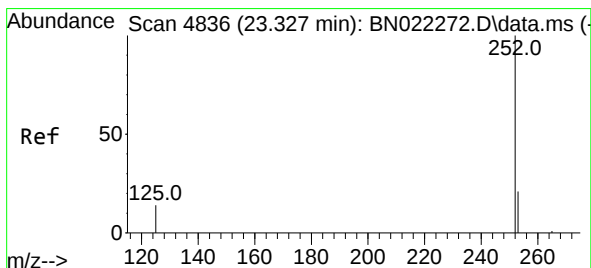
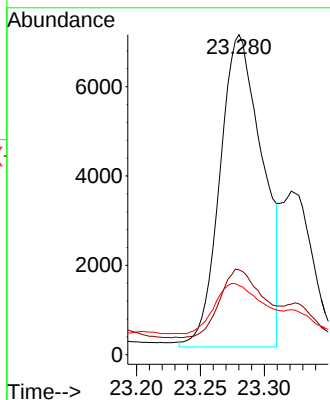
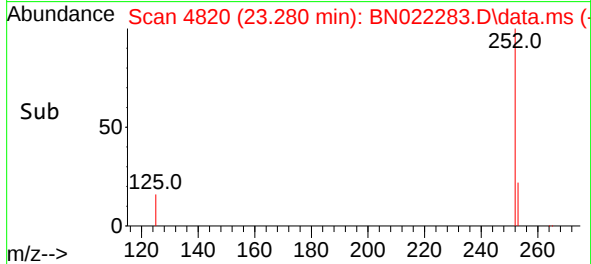
Instrument :
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C0BS3DL



Tgt Ion:252 Resp: 16125
Ion Ratio Lower Upper
252 100
253 26.5 0.0 49.0
125 21.6 0.0 35.2

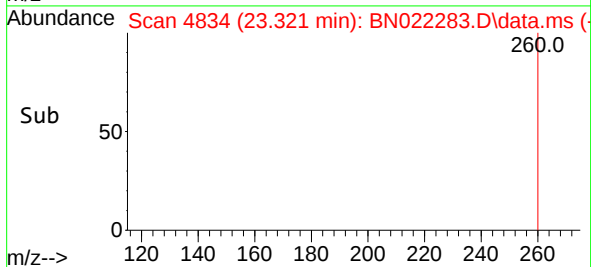
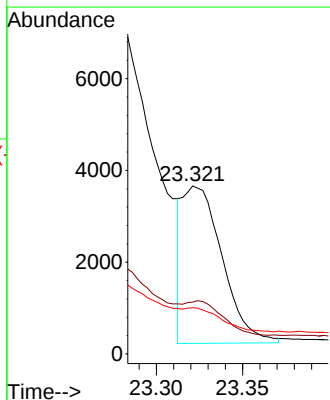
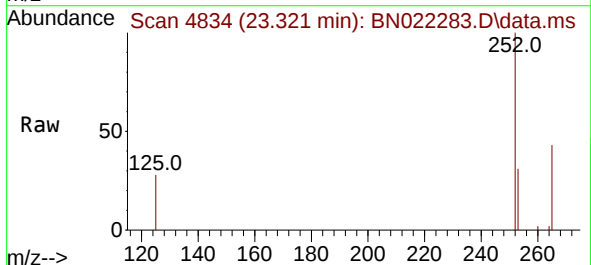
Manual Integrations
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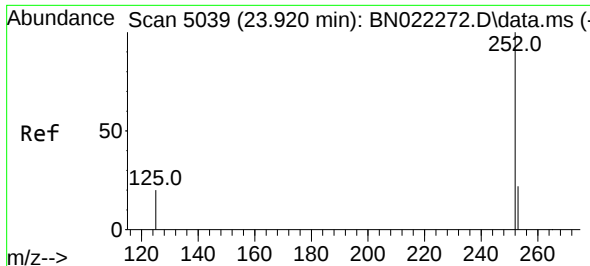
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

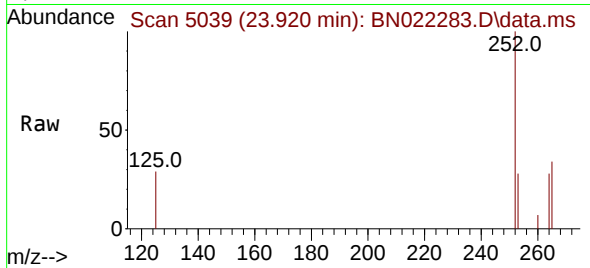
Tgt Ion:252 Resp: 5485
Ion Ratio Lower Upper
252 100
253 30.9 19.7 29.5#
125 27.5 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

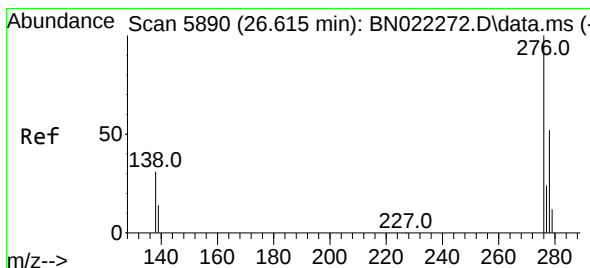
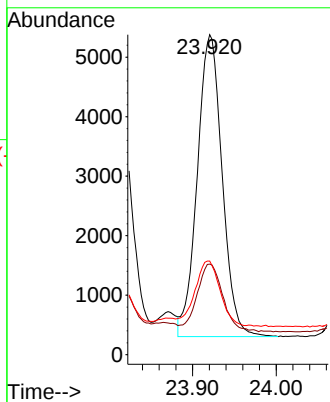
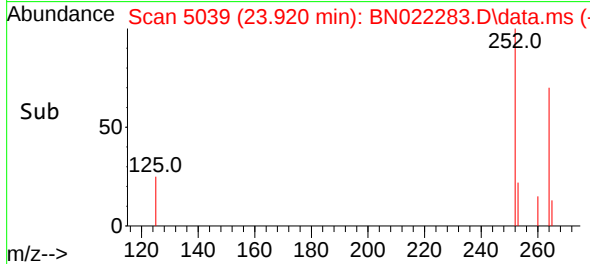
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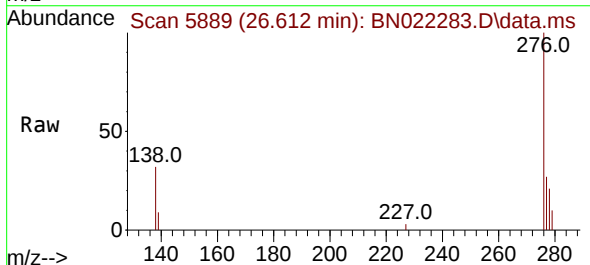
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Ion Ratio Lower Upper
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253 28.3 21.0 31.6
125 29.2 17.9 26.9

Manual Integrations
APPROVED

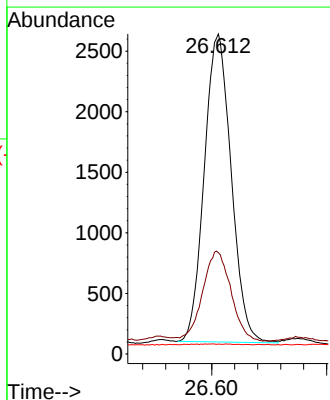
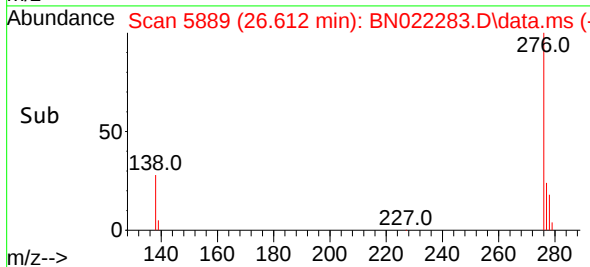
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

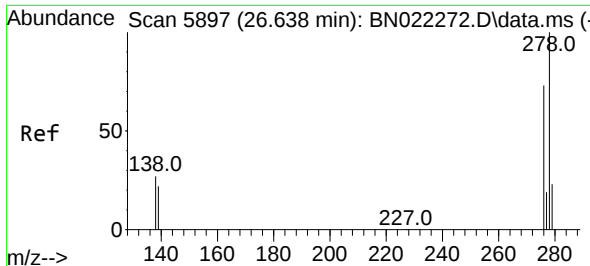


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27



Tgt Ion:276 Resp: 8266
Ion Ratio Lower Upper
276 100
138 30.7 27.7 41.5
227 0.1 0.2 0.2





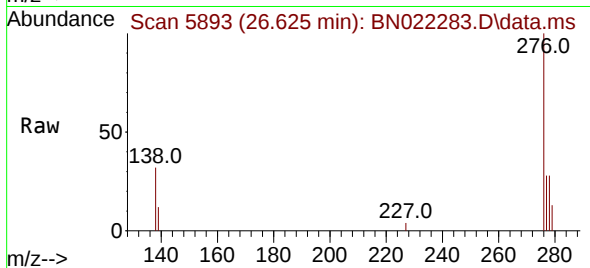
#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 26.625 min Scan# 5897
Delta R.T. -0.013 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27

Instrument :

BNA_N

ClientSampleId :

C0BS3DL

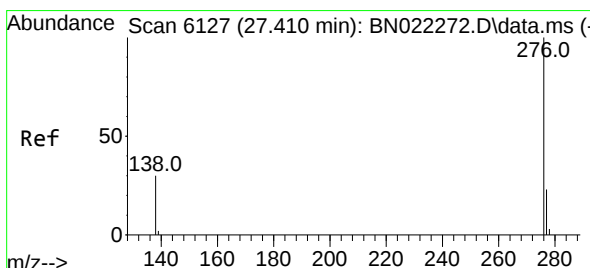
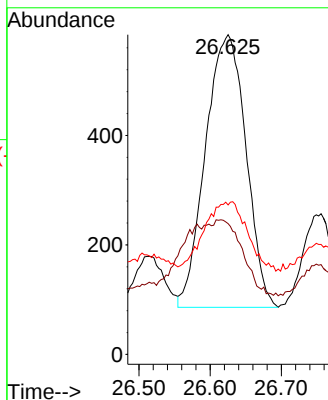
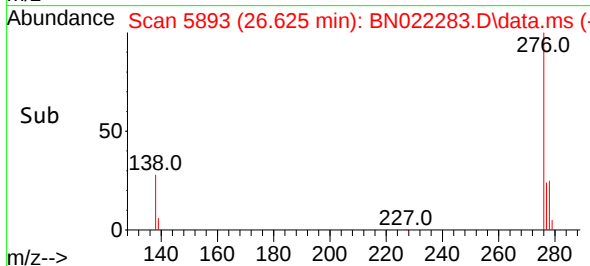


Tgt Ion:278 Resp: 196
Ion Ratio Lower Upper
278 100
139 40.9 19.6 29.4
279 46.7 20.6 30.8

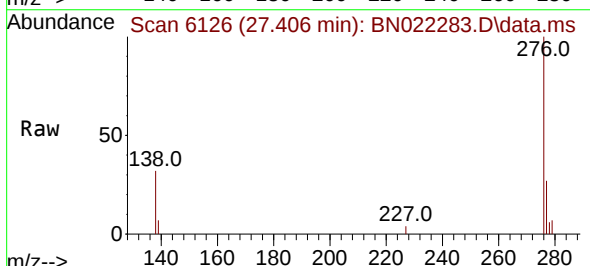
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 27.406 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022283.D
Acq: 22 Oct 2022 09:27



Tgt Ion:276 Resp: 6989
Ion Ratio Lower Upper
276 100
138 32.0 25.2 37.8
277 26.6 19.9 29.9

