

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022309.D
 Acq On : 24 Oct 2022 22:06
 Operator : CG/JU
 Sample : N5070-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:46:02 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	4437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15295	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14158	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10328	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	9805	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	17640	3.059	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4410	0.191	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	7205	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	26688	0.591	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	20324	0.714	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	15787	0.539	ng/ul	100
10) Acenaphthylene	14.336	152	3735	0.105	ng/ul#	85
12) Fluorene	15.669	166	779	0.022	ng/ul#	82
15) Phenanthrene	17.412	178	23422	0.493	ng/ul	99
16) Anthracene	17.505	178	4473	0.112	ng/ul	95
19) Fluoranthene	19.440	202	30331	0.641	ng/ul	98
20) Pyrene	19.802	202	29255	0.616	ng/ul	99
21) Benzo(a)anthracene	21.556	228	14714	0.380	ng/ul	93
22) Chrysene	21.608	228	20798	0.507	ng/ul	95
24) Benzo(b)fluoranthene	23.277	252	30928m	0.628	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	10382m	0.217	ng/ul	
26) Benzo(a)pyrene	23.920	252	16090	0.410	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.612	276	15218	0.312	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.618	278	3827	0.098	ng/ul#	64
29) Benzo(g,h,i)perylene	27.410	276	15307	0.385	ng/ul	97

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

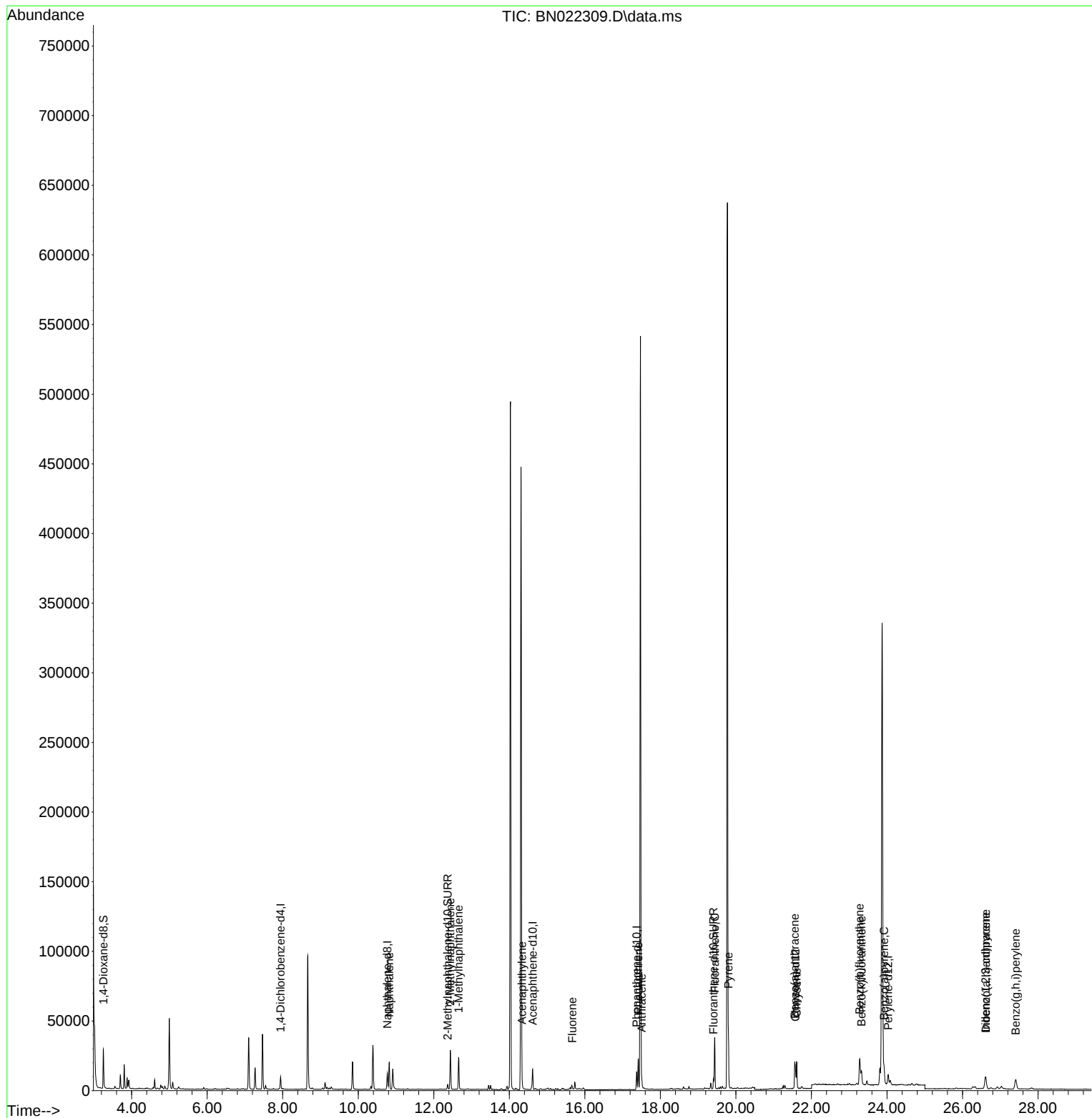
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022309.D
Acq On : 24 Oct 2022 22:06
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Sample : N5070-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

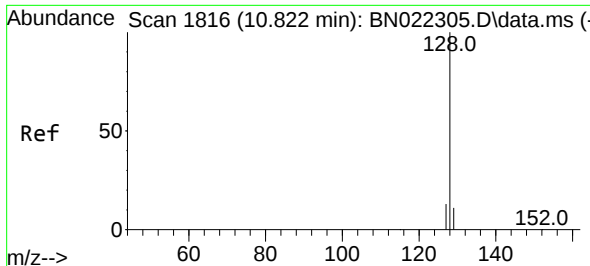
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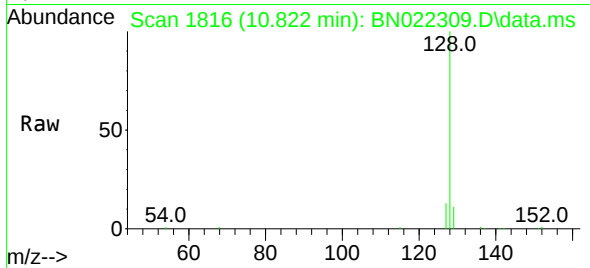
Quant Time: Oct 25 04:46:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.591 ng/ul
RT: 10.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

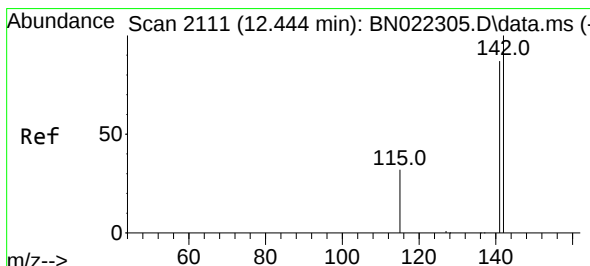
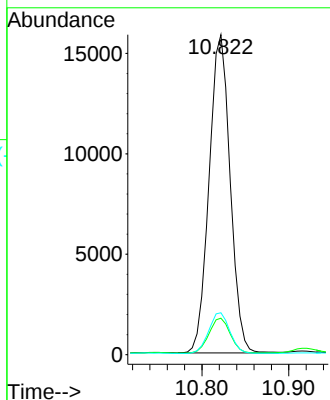
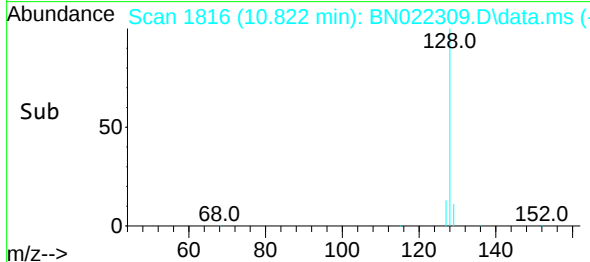
Instrument :
BNA_N
ClientSampleId :
C0BL1



Tgt Ion:128 Resp: 2668
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.1 10.7 16.1

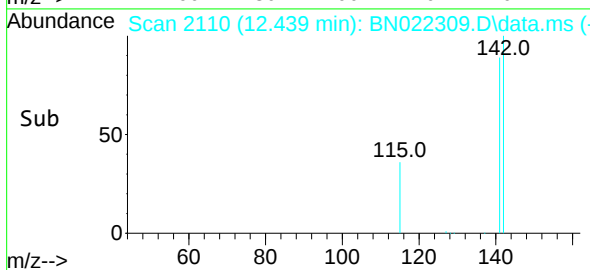
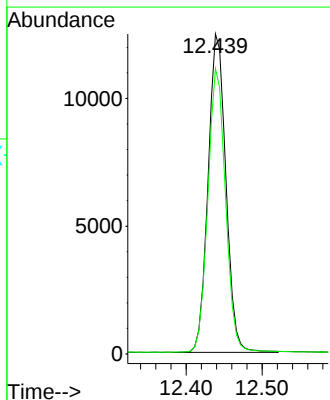
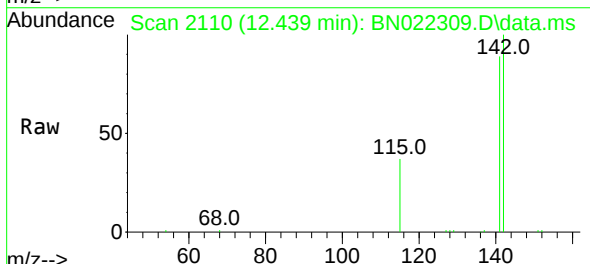
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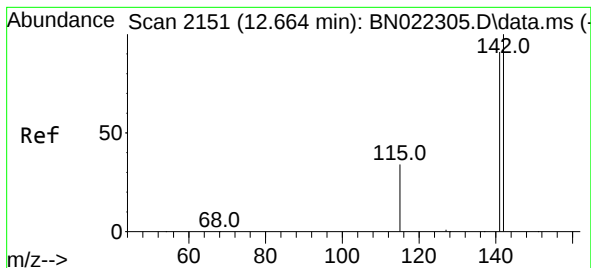
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.714 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

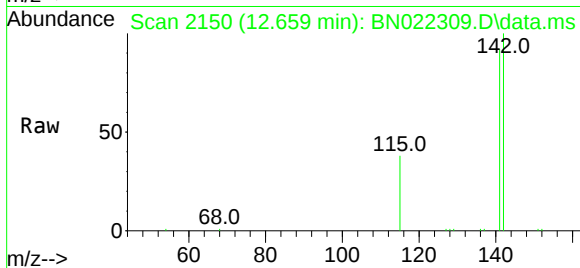
Tgt Ion:142 Resp: 20324
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.539 ng/ul
RT: 12.659 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

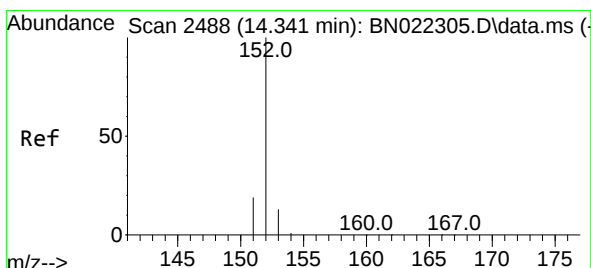
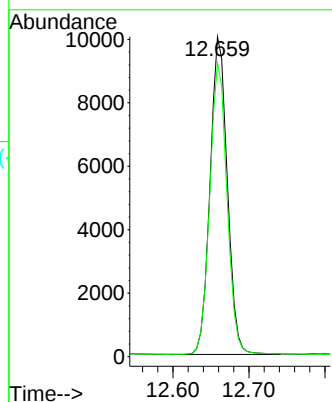
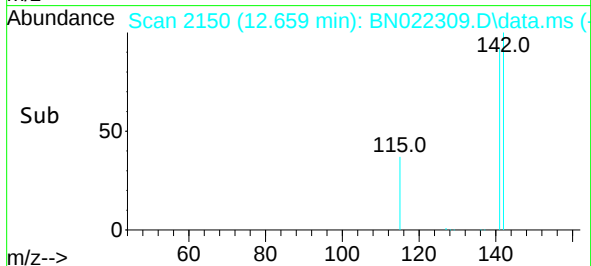
Instrument :
BNA_N
ClientSampleId :
C0BL1



Tgt Ion:142 Resp: 1578
Ion Ratio Lower Upper
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141 92.0 73.3 109.9

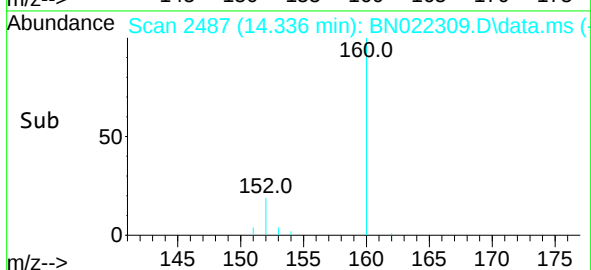
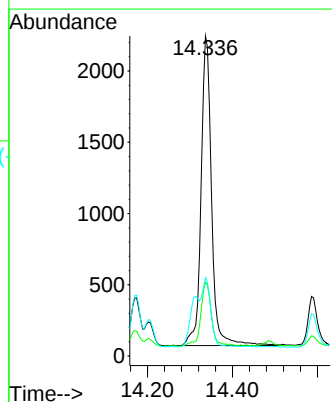
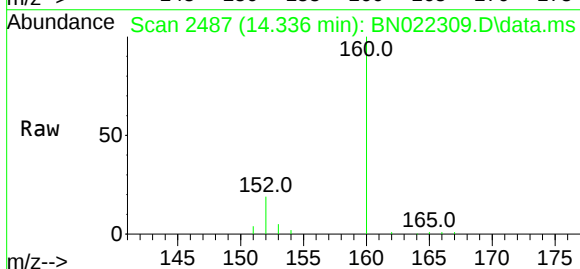
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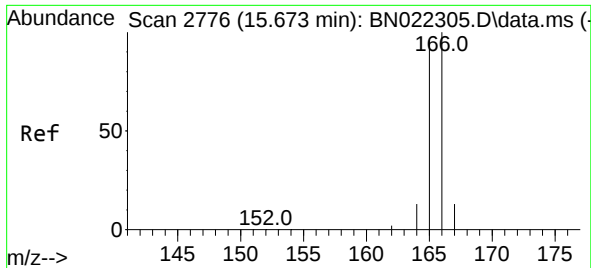
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.105 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

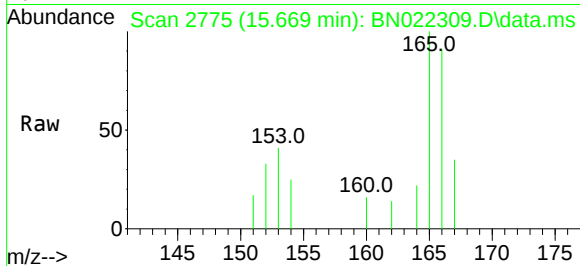
Tgt Ion:152 Resp: 3735
Ion Ratio Lower Upper
152 100
151 23.0 15.9 23.9
153 24.5 10.8 16.2#





#12
Fluorene
Concen: 0.022 ng/uI
RT: 15.669 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

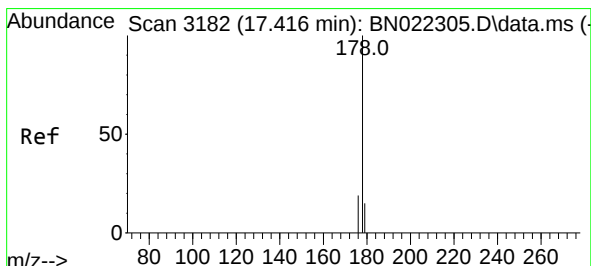
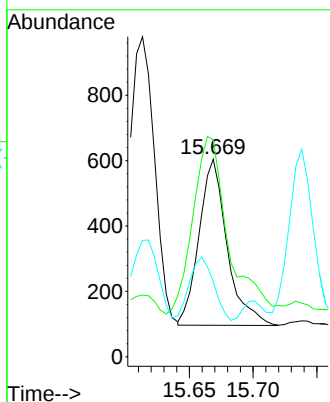
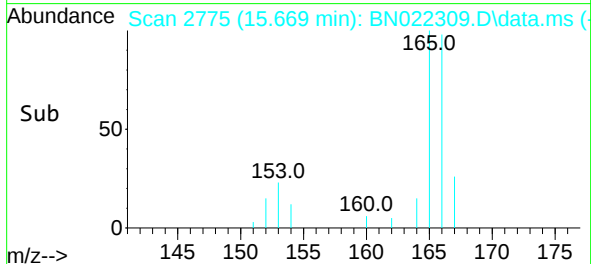
Instrument :
BNA_N
ClientSampleId :
COBL1



Tgt Ion:166 Resp: 779
Ion Ratio Lower Upper
166 100
165 109.9 78.2 117.2
167 38.2 11.0 16.4

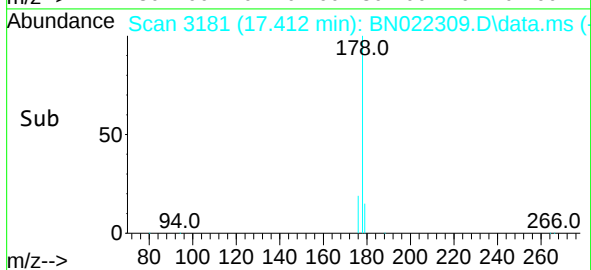
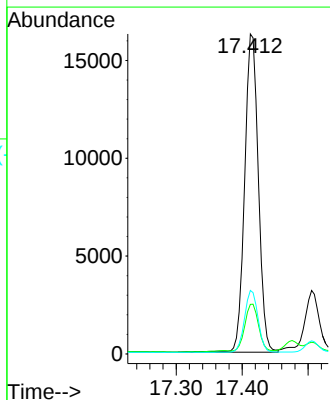
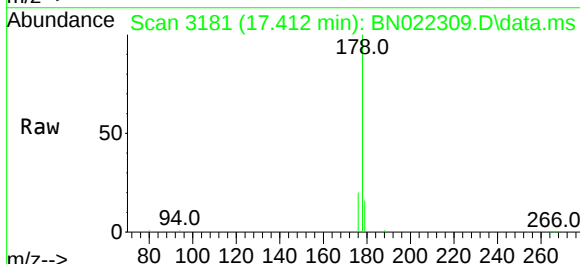
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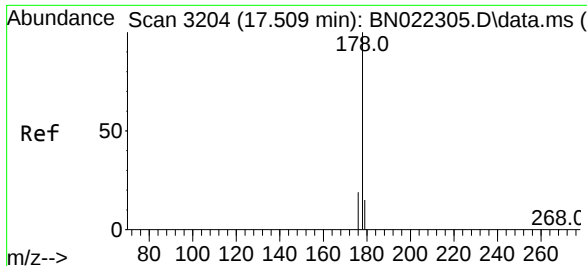
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 0.493 ng/uI
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

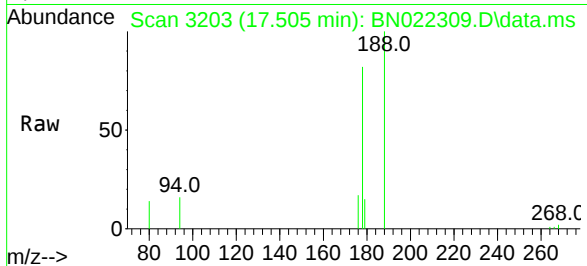
Tgt Ion:178 Resp: 23422
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.8 15.4 23.2





#16
 Anthracene
 Concen: 0.112 ng/ul
 RT: 17.505 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN022309.D
 Acq: 24 Oct 2022 22:06

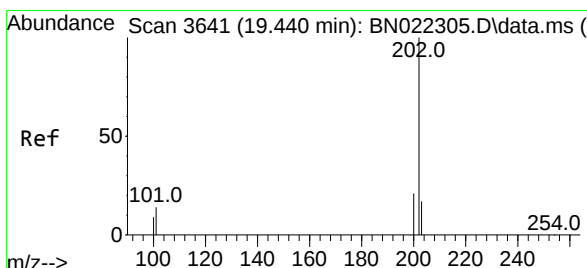
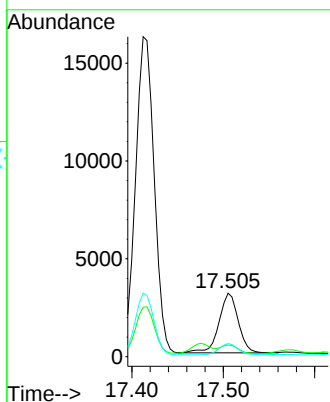
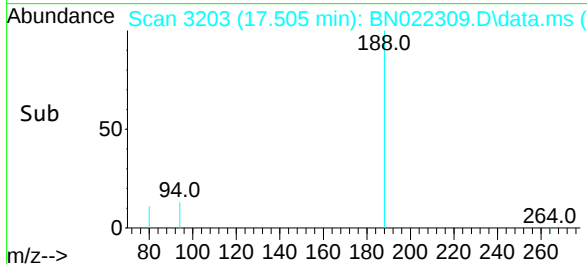
Instrument :
 BNA_N
 ClientSampleId :
 C0BL1



Tgt Ion:178 Resp: 447
 Ion Ratio Lower Upper
 178 100
 179 18.3 12.6 18.8
 176 20.6 15.0 22.6

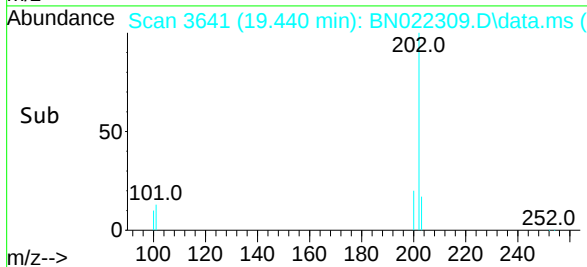
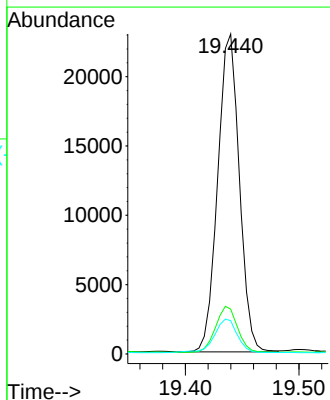
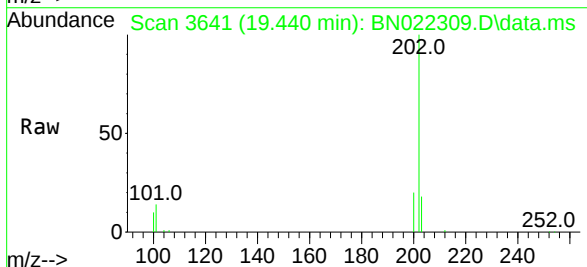
Manual Integrations
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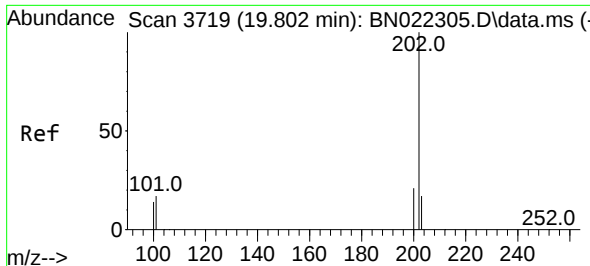
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 0.641 ng/ul
 RT: 19.440 min Scan# 3641
 Delta R.T. -0.000 min
 Lab File: BN022309.D
 Acq: 24 Oct 2022 22:06

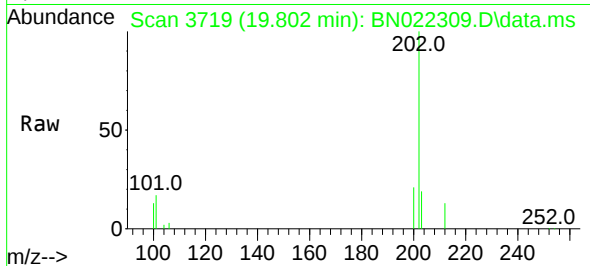
Tgt Ion:202 Resp: 30331
 Ion Ratio Lower Upper
 202 100
 101 14.0 11.8 17.6
 100 10.4 8.7 13.1





#20
Pyrene
Concen: 0.616 ng/u1
RT: 19.802 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

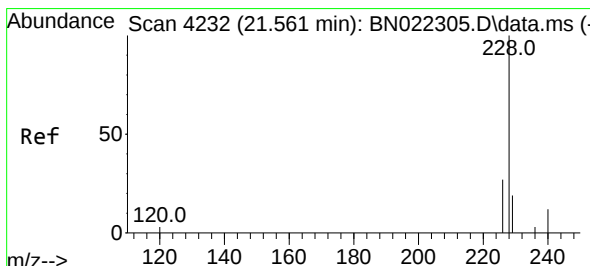
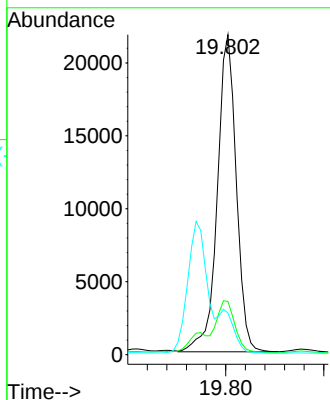
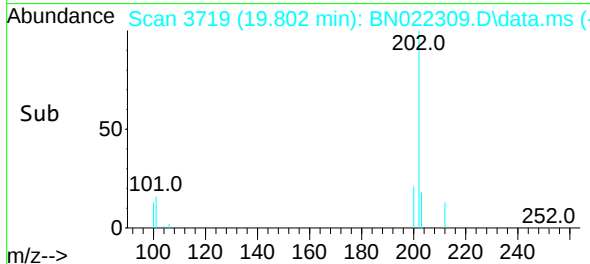
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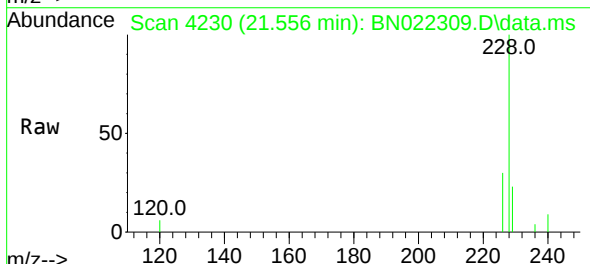
Tgt Ion:202 Resp: 2925
Ion Ratio Lower Upper
202 100
101 16.6 13.1 19.7
100 13.1 10.6 16.0

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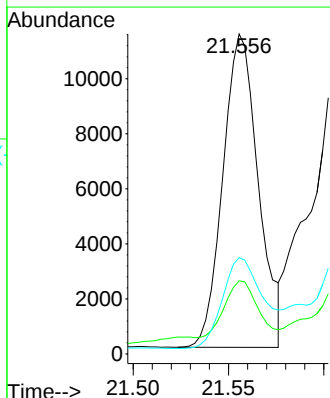
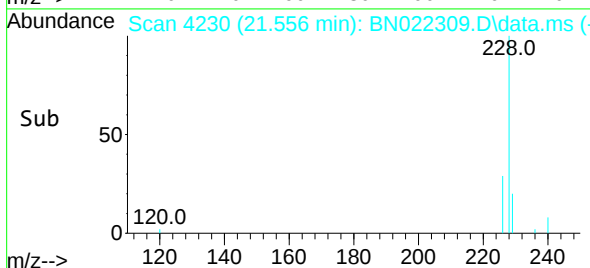
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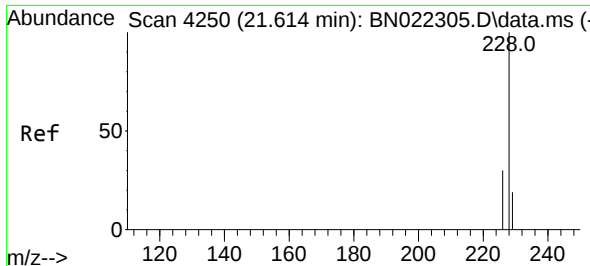


#21
Benzo(a)anthracene
Concen: 0.380 ng/u1
RT: 21.556 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06



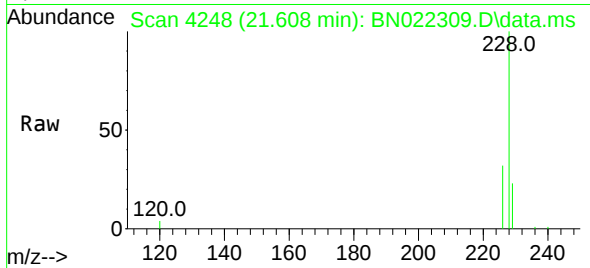
Tgt Ion:228 Resp: 14714
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 30.1 21.5 32.3





#22
Chrysene
Concen: 0.507 ng/ul
RT: 21.608 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

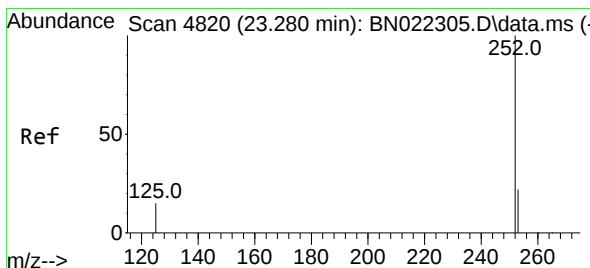
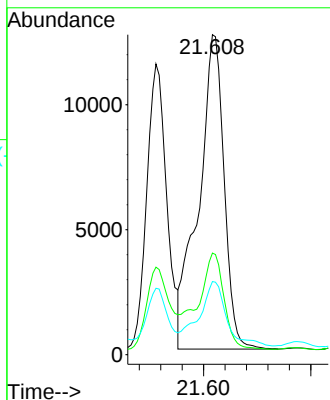
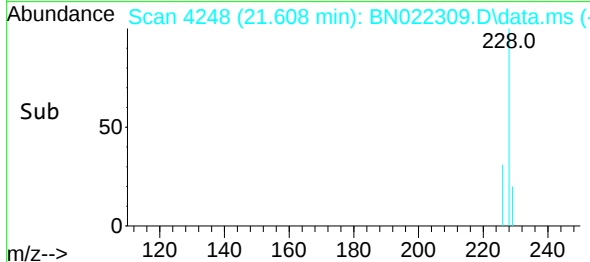
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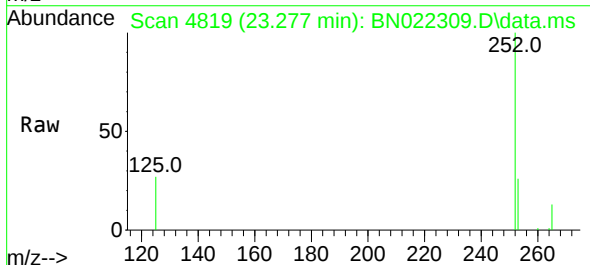
Tgt Ion:228 Resp: 20798
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 22.9 15.9 23.9

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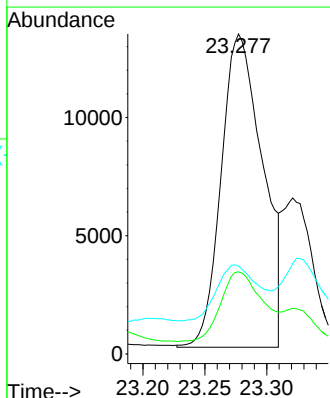
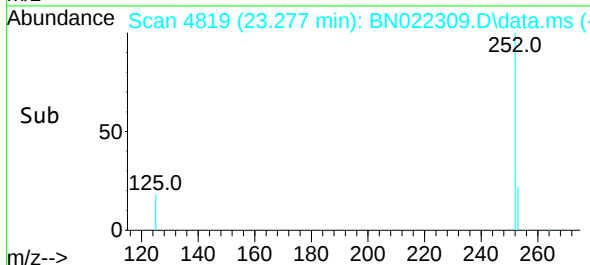
Reviewed By :Jagrut Upadhyay 10/25/2022
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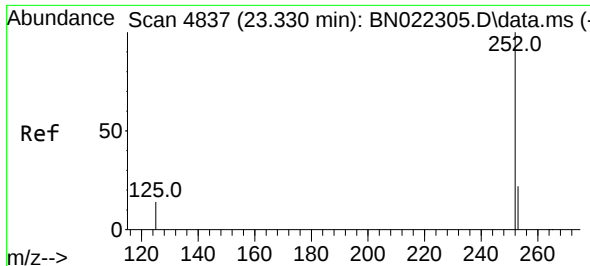


#24
Benzo(b)fluoranthene
Concen: 0.628 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06



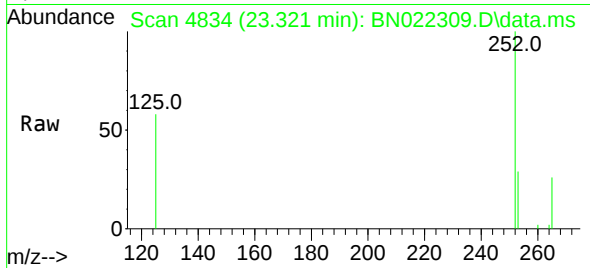
Tgt Ion:252 Resp: 30928
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.0
125 27.5 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 23.321 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

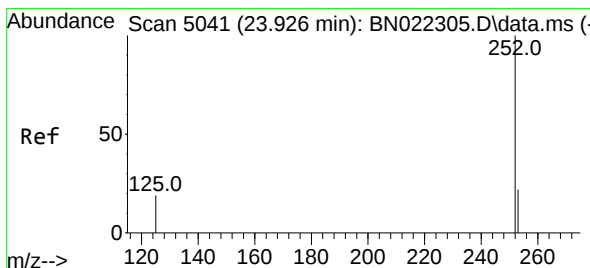
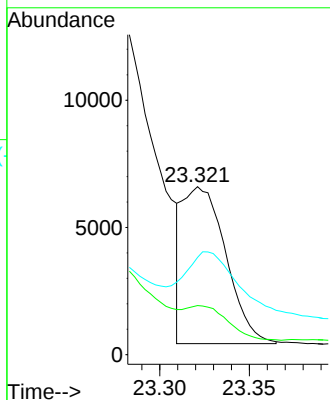
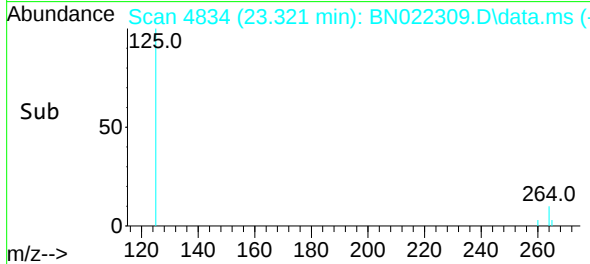
Instrument :
BNA_N
ClientSampleId :
C0BL1



Tgt Ion:252 Resp: 1038
Ion Ratio Lower Upper
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253 29.3 19.7 29.5
125 57.9 14.0 21.0

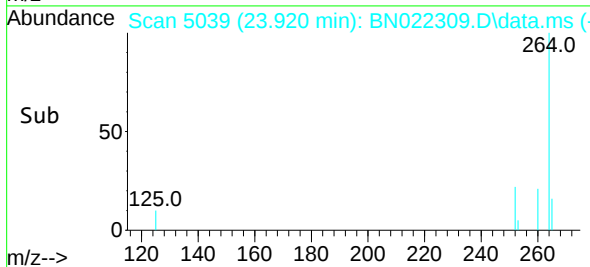
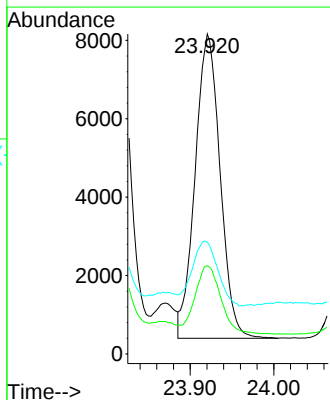
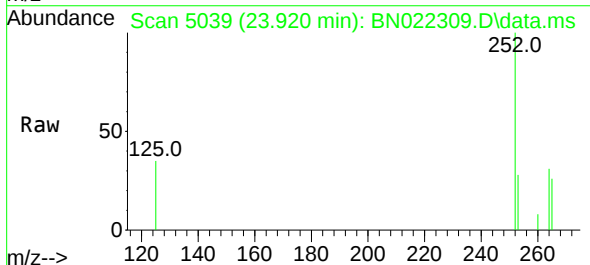
Manual Integrations
APPROVED

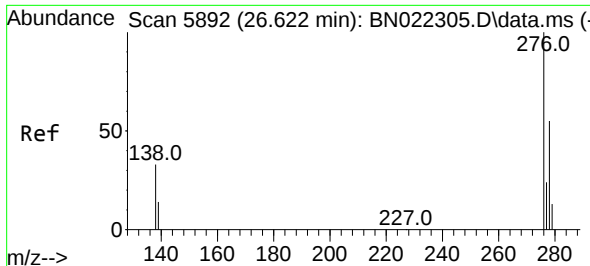
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022309.D
Acq: 24 Oct 2022 22:06

Tgt Ion:252 Resp: 16090
Ion Ratio Lower Upper
252 100
253 27.6 21.0 31.6
125 34.9 17.9 26.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.312 ng/ul

RT: 26.612 min Scan# 5892

Delta R.T. -0.003 min

Lab File: BN022309.D

Acq: 24 Oct 2022 22:06

Instrument :

BNA_N

ClientSampleId :

C0BL1

Tgt Ion:276 Resp: 15218

Ion Ratio Lower Upper

276 100

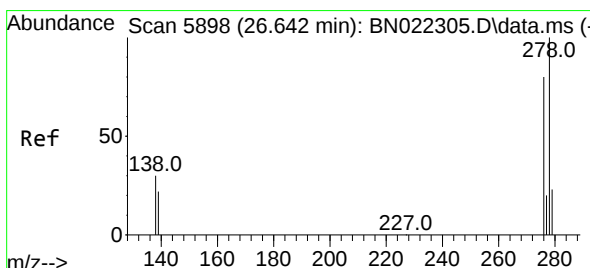
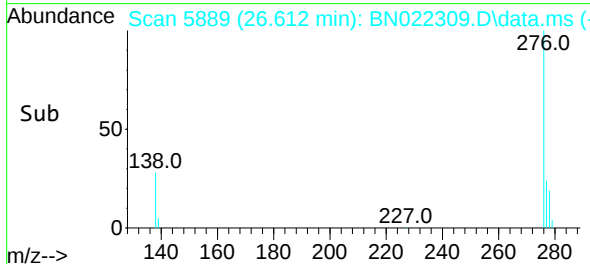
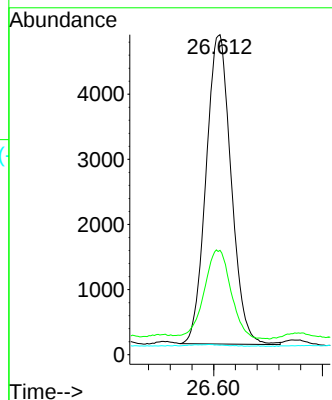
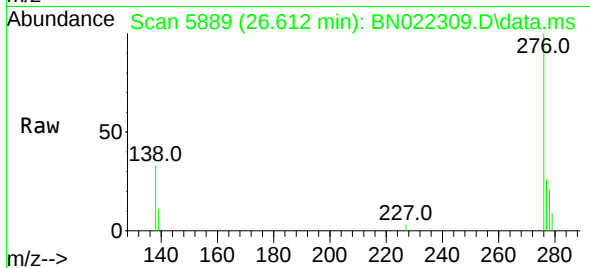
138 31.0 27.7 41.5

227 0.0 0.2 0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.098 ng/ul

RT: 26.618 min Scan# 5891

Delta R.T. -0.020 min

Lab File: BN022309.D

Acq: 24 Oct 2022 22:06

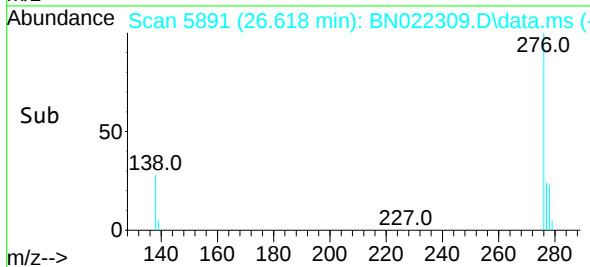
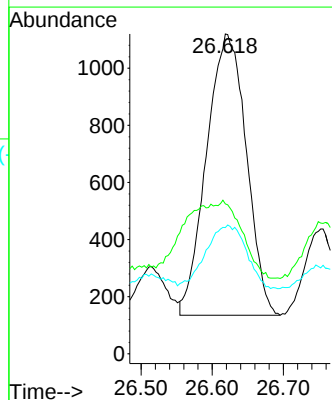
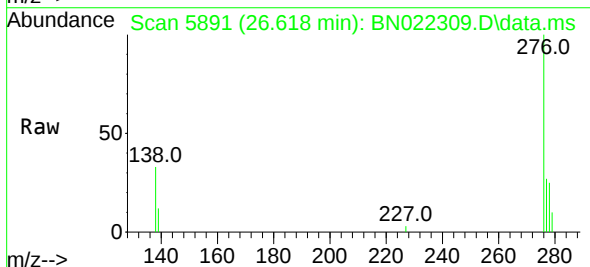
Tgt Ion:278 Resp: 3827

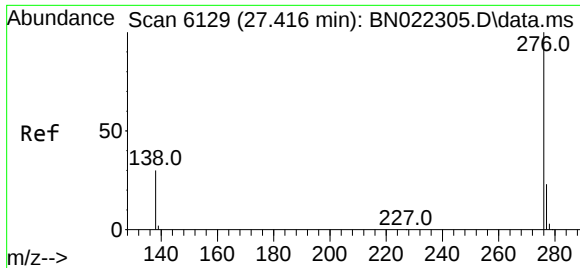
Ion Ratio Lower Upper

278 100

139 46.9 19.6 29.4#

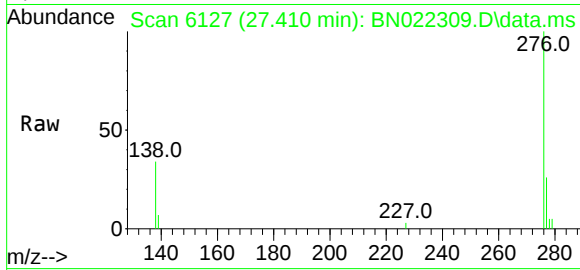
279 39.5 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.385 ng/ul
 RT: 27.410 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022309.D
 Acq: 24 Oct 2022 22:06

Instrument :
 BNA_N
 ClientSampleId :
 C0BL1



Tgt Ion:	276	Resp:	1530
Ion Ratio	Lower	Upper	
276	100		
138	33.6	25.2	37.8
277	25.8	19.9	29.9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

