

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022279.D
 Acq On : 22 Oct 2022 07:02
 Operator : CG/JU
 Sample : N5064-18DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 12:04:00 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	4924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	16901	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	9313	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	17436	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9839	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	8025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5300	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	1329	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	2218	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	6322	0.127	ng/ul	98
7) 2-Methylnaphthalene	12.443	142	3955	0.126	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	3347	0.103	ng/ul	100
10) Acenaphthylene	14.340	152	3845	0.092	ng/ul#	93
11) Acenaphthene	14.682	153	2054	0.058	ng/ul	99
12) Fluorene	15.667	166	2015	0.049	ng/ul#	96
15) Phenanthrene	17.415	178	70544	1.205	ng/ul	99
16) Anthracene	17.504	178	11414	0.231	ng/ul	98
19) Fluoranthene	19.438	202	95063	2.109	ng/ul	98
20) Pyrene	19.801	202	76394	1.687	ng/ul	99
21) Benzo(a)anthracene	21.556	228	32520	0.882	ng/ul	98
22) Chrysene	21.608	228	34427	0.881	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	39460m	0.979	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	14056m	0.359	ng/ul	
26) Benzo(a)pyrene	23.921	252	24174	0.752	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.609	276	17079	0.428	ng/ul	92
28) Dibenzo(a,h)anthracene	26.625	278	4633	0.145	ng/ul#	82
29) Benzo(g,h,i)perylene	27.407	276	13029	0.400	ng/ul	99

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

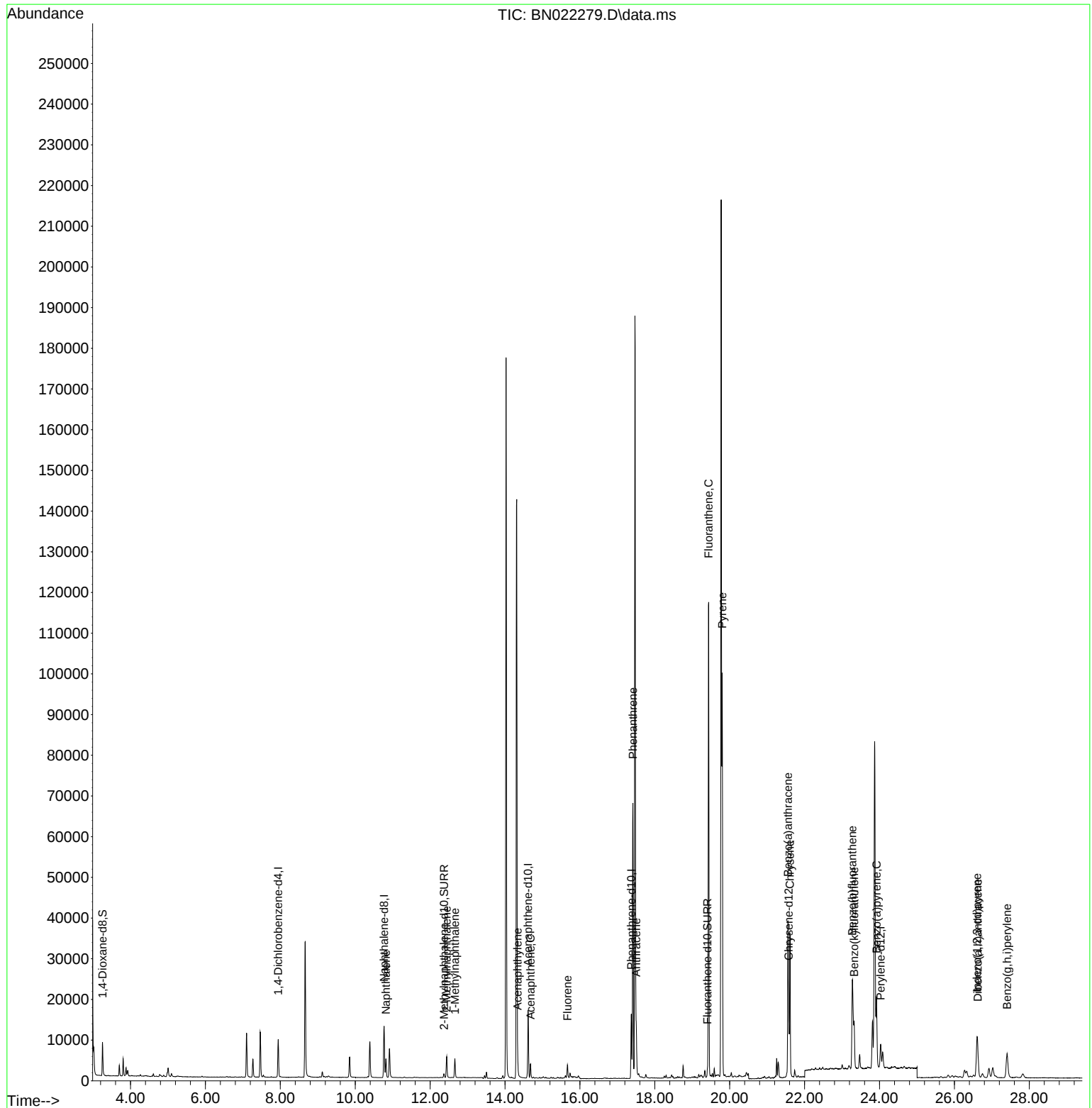
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022279.D
Acq On : 22 Oct 2022 07:02
Operator : CG/JU
Sample : N5064-18DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

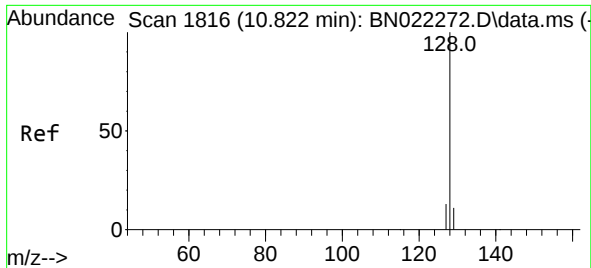
Instrument :
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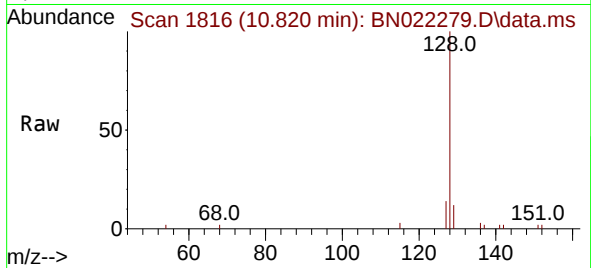
Quant Time: Oct 22 12:04:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.820 min Scan# 1816
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

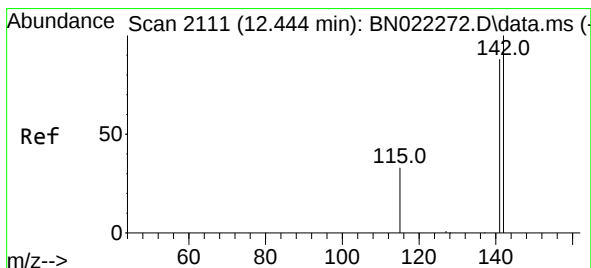
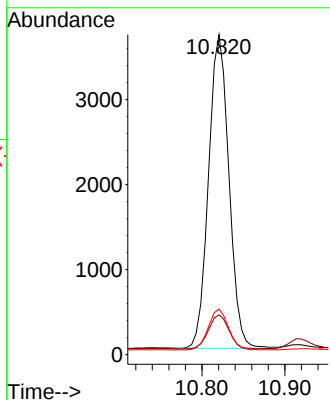
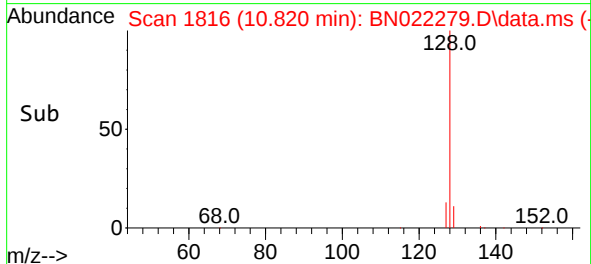
Instrument :
BNA_N
ClientSampleId :
C0BN7DL



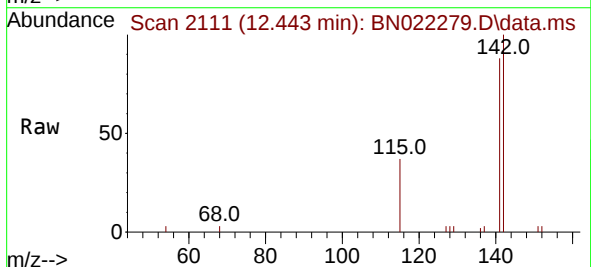
Tgt Ion:128 Resp: 632
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 14.3 10.7 16.1

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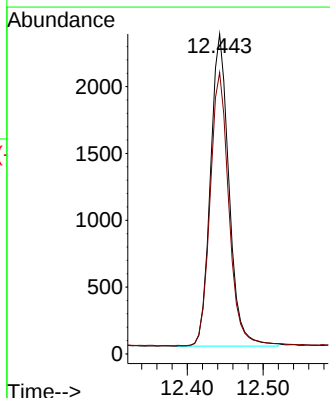
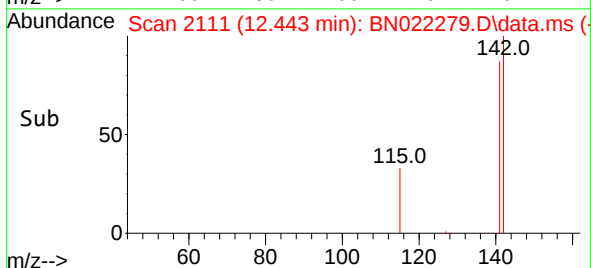
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

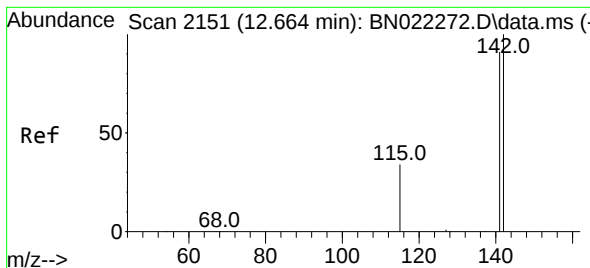


#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



Tgt Ion:142 Resp: 3955
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.103 ng/ul

RT: 12.663 min Scan# 2151

Delta R.T. -0.001 min

Lab File: BN022279.D

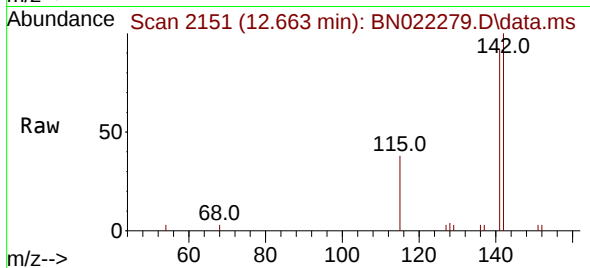
Acq: 22 Oct 2022 07:02

Instrument :

BNA_N

ClientSampleId :

C0BN7DL



Tgt Ion:142 Resp: 334

Ion Ratio Lower Upper

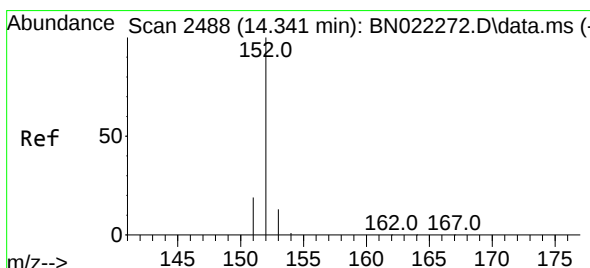
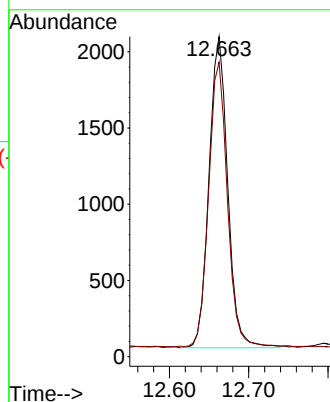
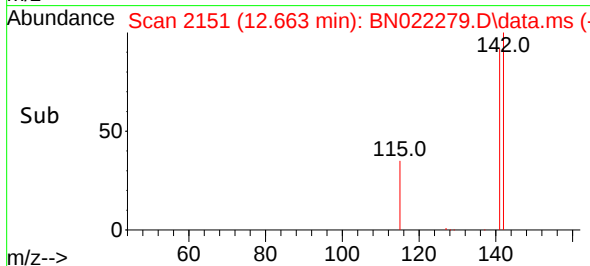
142 100

141 91.3 73.3 109.9

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Supervised By :mohammad ahmed 10/24/2022



#10

Acenaphthylene

Concen: 0.092 ng/ul

RT: 14.340 min Scan# 2488

Delta R.T. -0.001 min

Lab File: BN022279.D

Acq: 22 Oct 2022 07:02

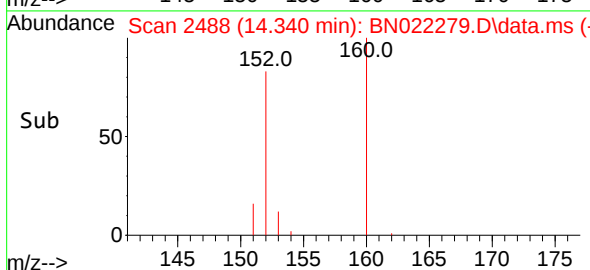
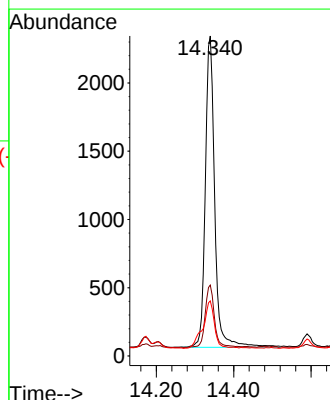
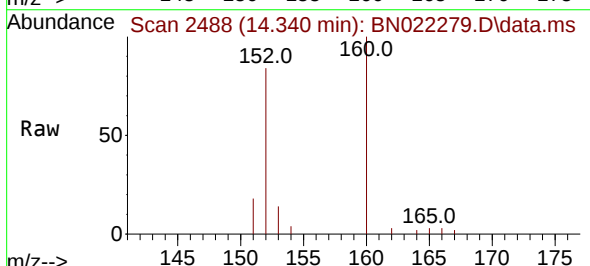
Tgt Ion:152 Resp: 3845

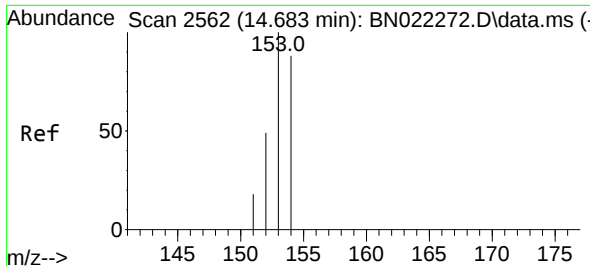
Ion Ratio Lower Upper

152 100

151 22.1 15.9 23.9

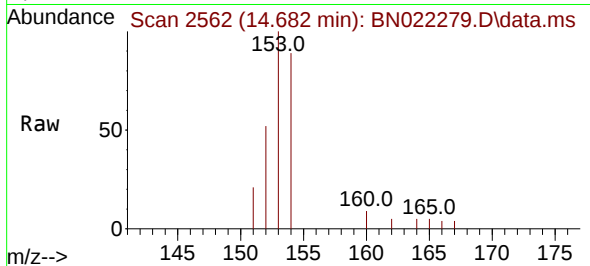
153 17.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.058 ng/u1
RT: 14.682 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

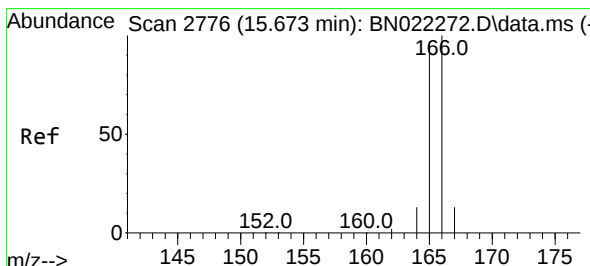
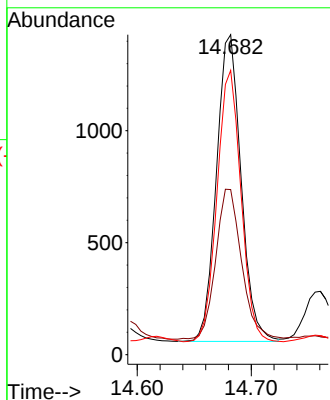
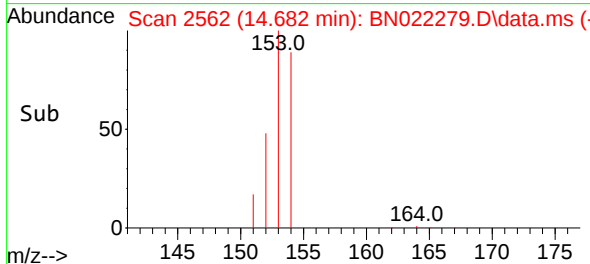
Instrument :
BNA_N
ClientSampleId :
C0BN7DL



Tgt Ion:153 Resp: 2054
Ion Ratio Lower Upper
153 100
152 51.6 40.6 61.0
154 88.9 70.6 106.0

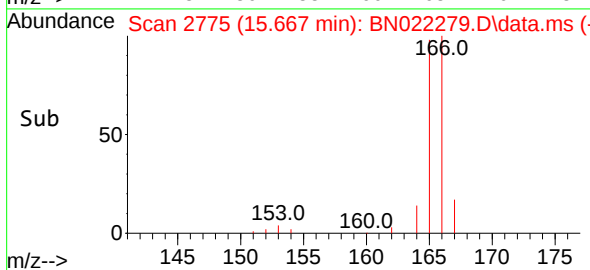
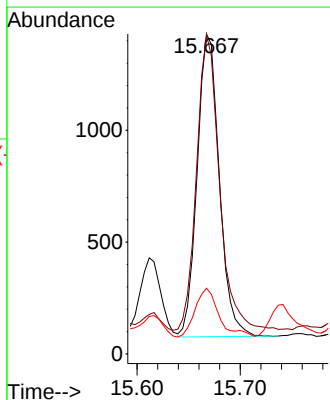
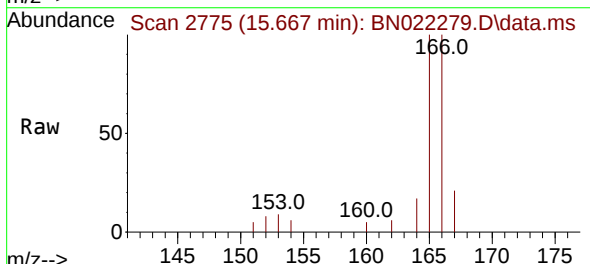
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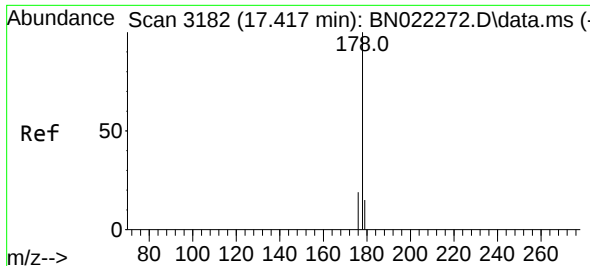
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.049 ng/u1
RT: 15.667 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

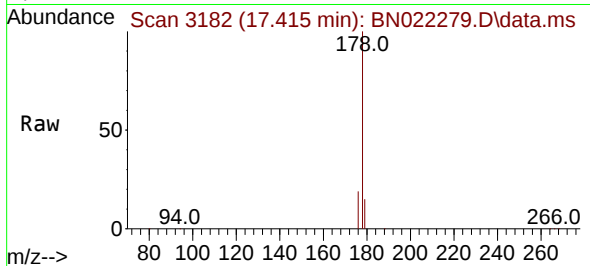
Tgt Ion:166 Resp: 2015
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.2
167 20.5 11.0 16.4#





#15
Phenanthrene
Concen: 1.205 ng/ul
RT: 17.415 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

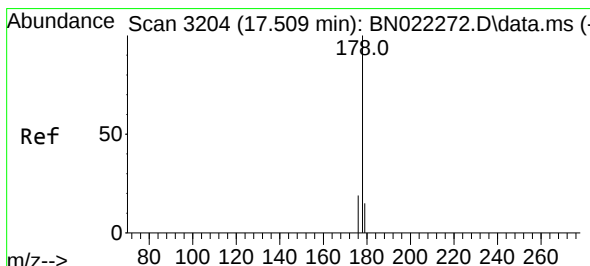
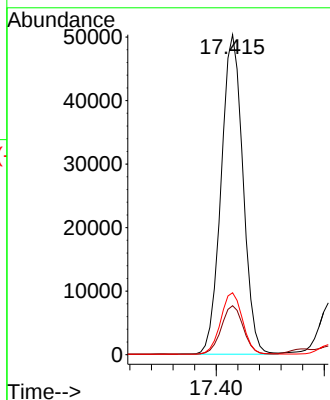
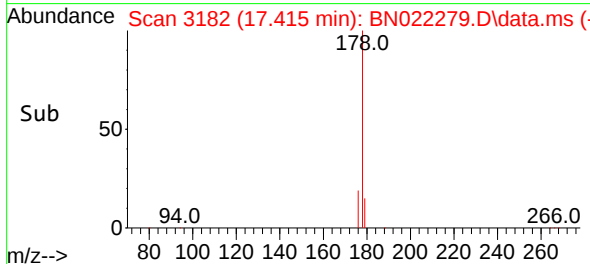
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ClientSampleId :
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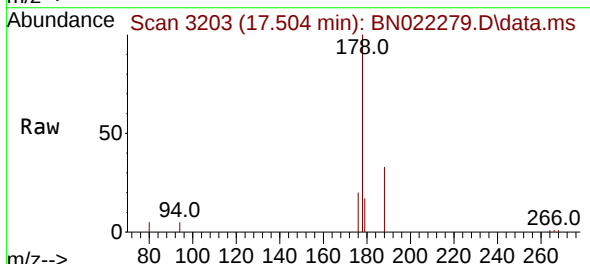
Tgt Ion:178 Resp: 70544
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.3 15.4 23.2

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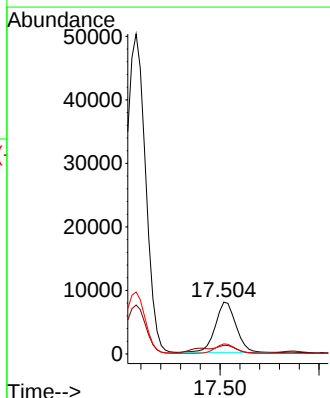
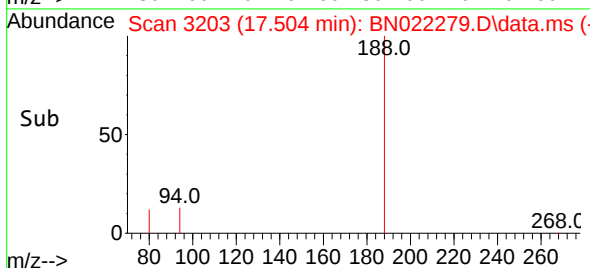
Reviewed By :Jagrut Upadhyay 10/24/2022
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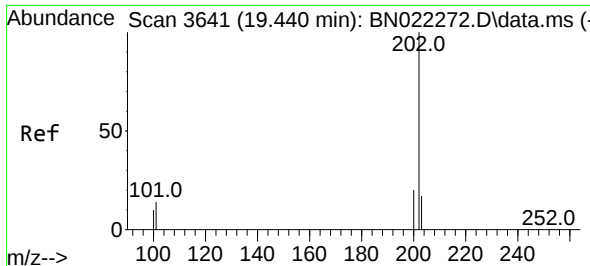


#16
Anthracene
Concen: 0.231 ng/ul
RT: 17.504 min Scan# 3203
Delta R.T. -0.006 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



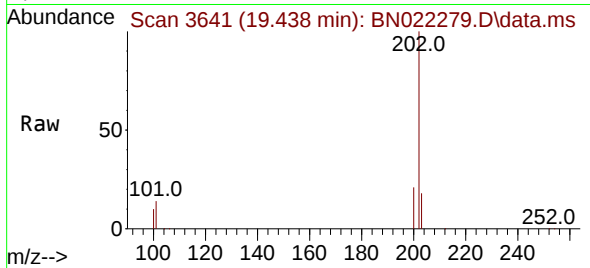
Tgt Ion:178 Resp: 11414
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.6 15.0 22.6





#19
Fluoranthene
Concen: 2.109 ng/u1
RT: 19.438 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

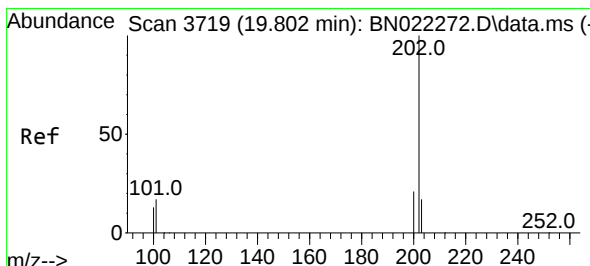
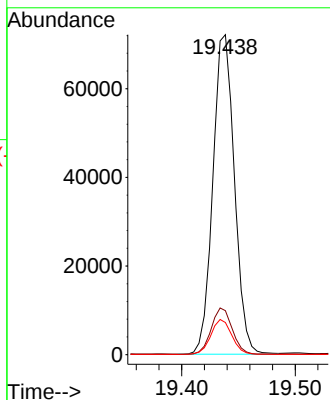
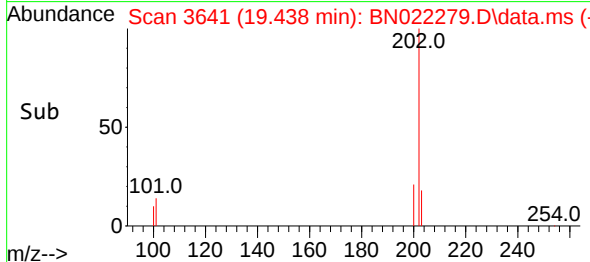
Instrument :
BNA_N
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Tgt Ion:202 Resp: 95063
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.0 8.7 13.1

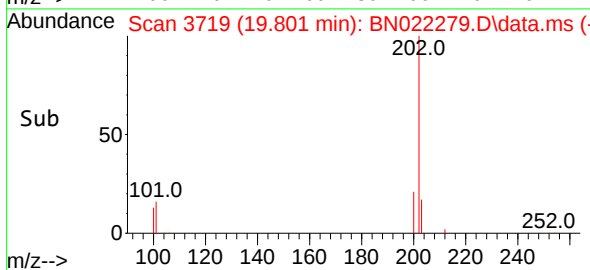
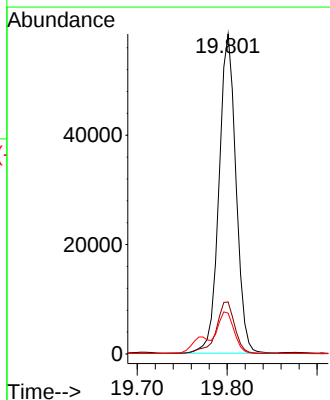
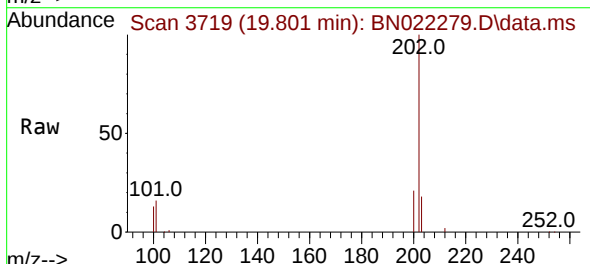
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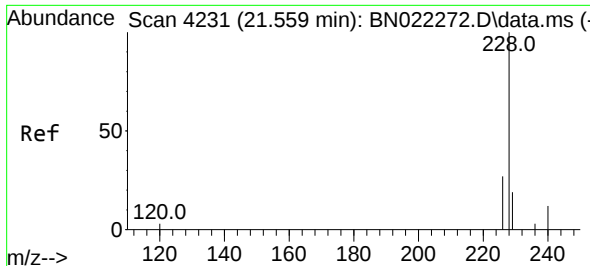
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.687 ng/u1
RT: 19.801 min Scan# 3719
Delta R.T. -0.001 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

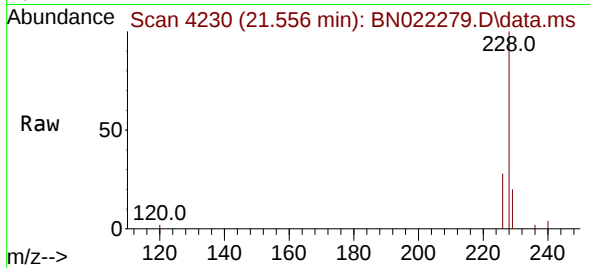
Tgt Ion:202 Resp: 76394
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.8 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.882 ng/ul
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

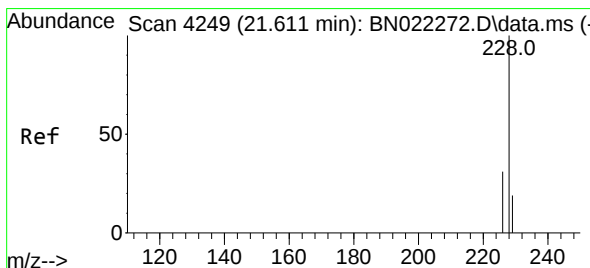
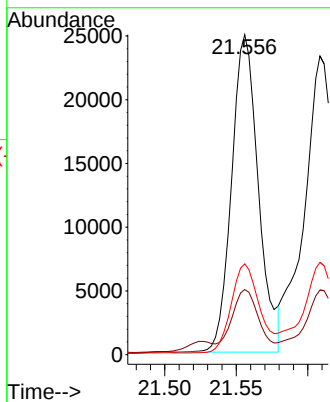
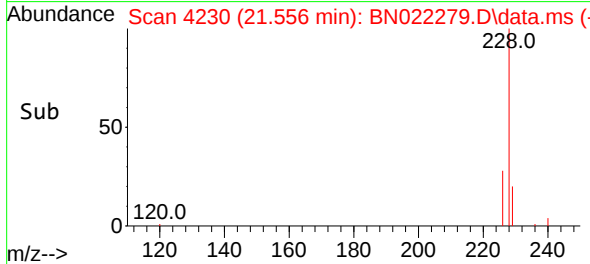
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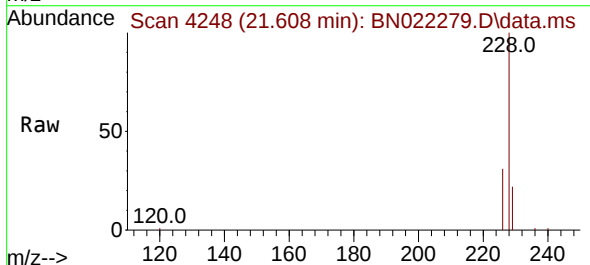
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Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.4 21.5 32.3

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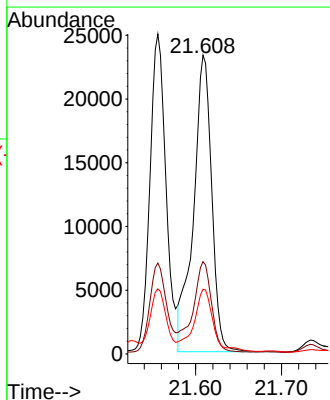
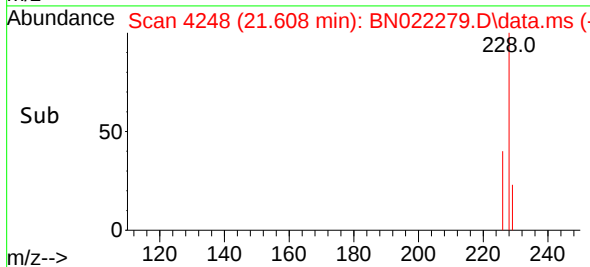
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

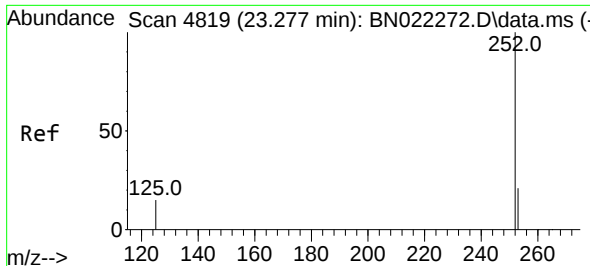


#22
Chrysene
Concen: 0.881 ng/ul
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



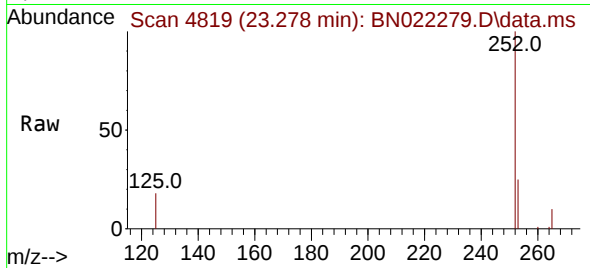
Tgt Ion:228 Resp: 34427
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.979 ng/ul m
RT: 23.278 min Scan# 4819
Delta R.T. 0.000 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

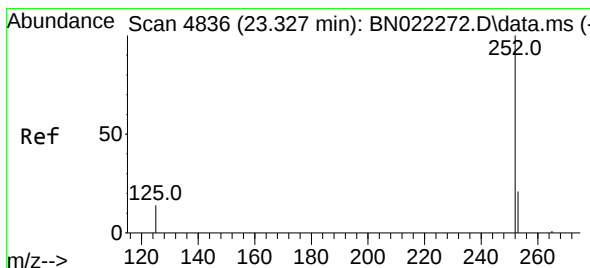
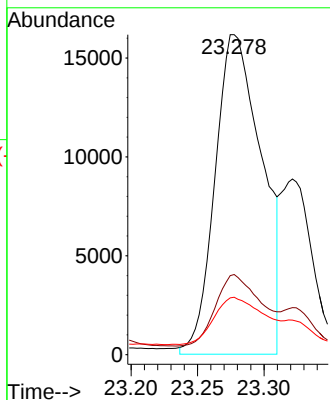
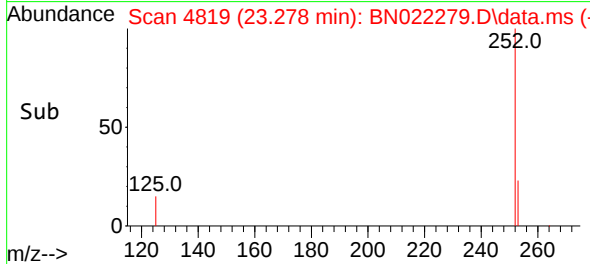
Instrument :
BNA_N
ClientSampleId :
C0BN7DL



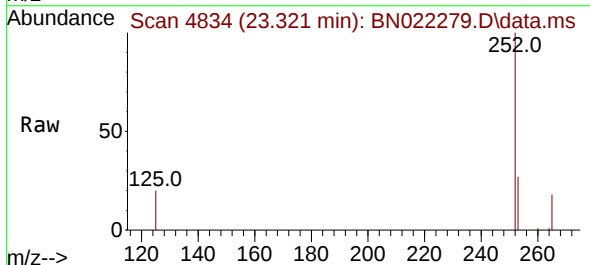
Tgt Ion:252 Resp: 39460
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.0
125 18.0 0.0 35.2

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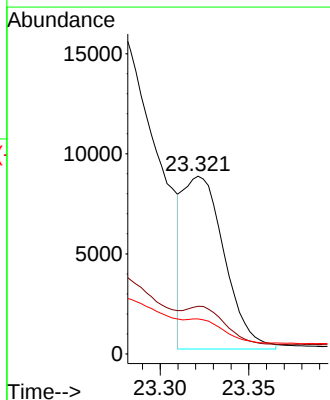
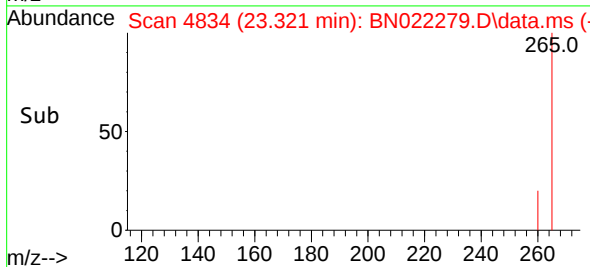
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

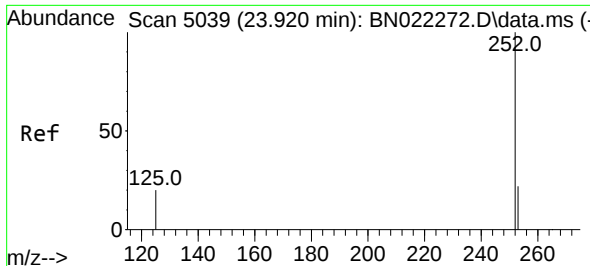


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



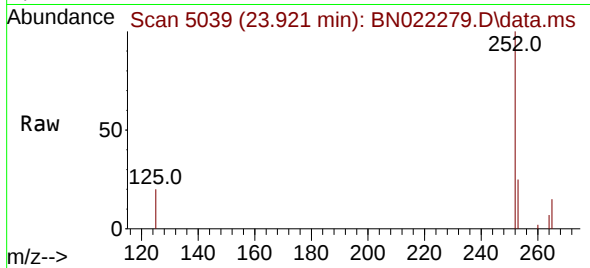
Tgt Ion:252 Resp: 14056
Ion Ratio Lower Upper
252 100
253 26.8 19.7 29.5
125 19.7 14.0 21.0





#26
Benzo(a)pyrene
Concen: 0.752 ng/ul
RT: 23.921 min Scan# 5039
Delta R.T. 0.000 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

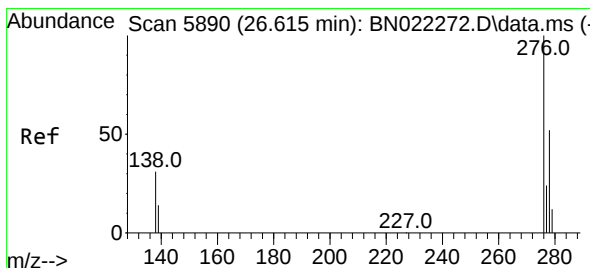
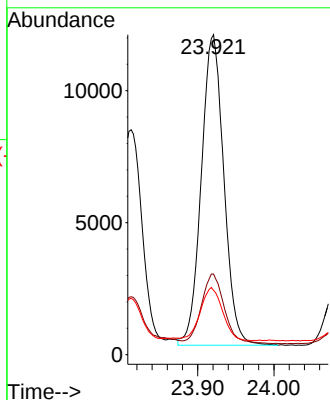
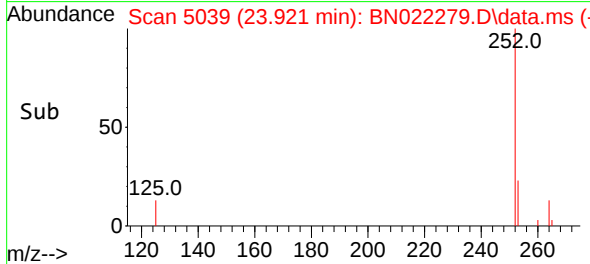
Instrument :
BNA_N
ClientSampleId :
C0BN7DL



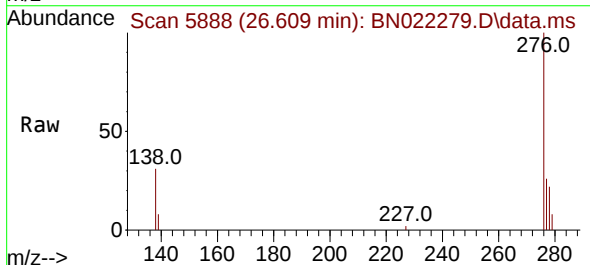
Tgt Ion:252 Resp: 24174
Ion Ratio Lower Upper
252 100
253 25.2 21.0 31.6
125 20.1 17.9 26.9

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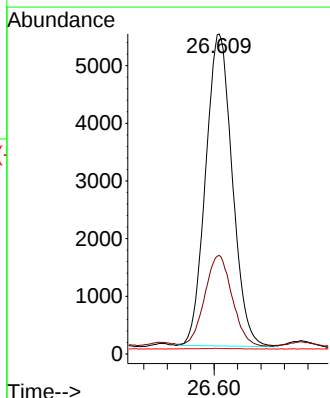
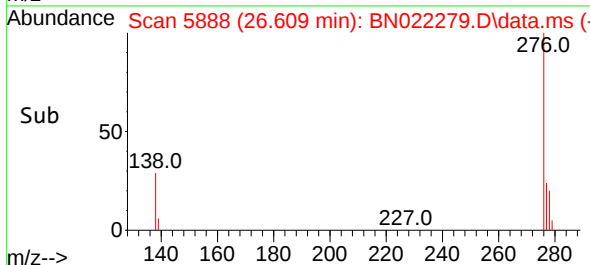
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

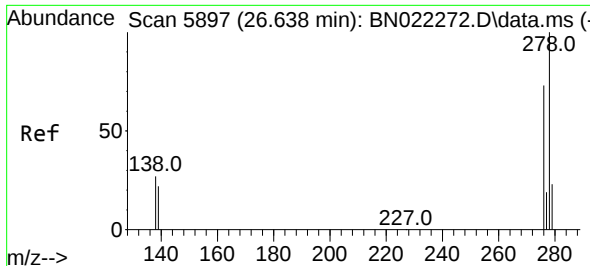


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.609 min Scan# 5888
Delta R.T. -0.006 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



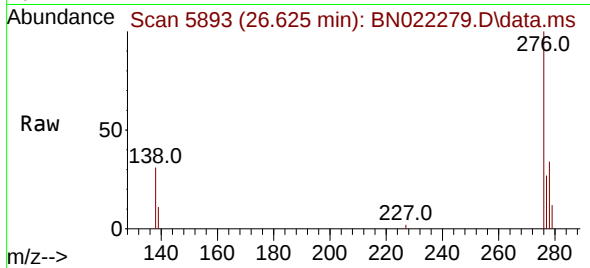
Tgt Ion:276 Resp: 17079
Ion Ratio Lower Upper
276 100
138 30.2 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 26.625 min Scan# 5893
Delta R.T. -0.013 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02

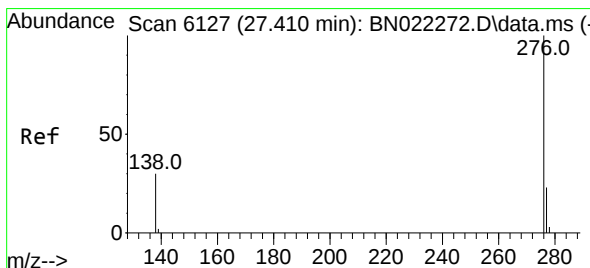
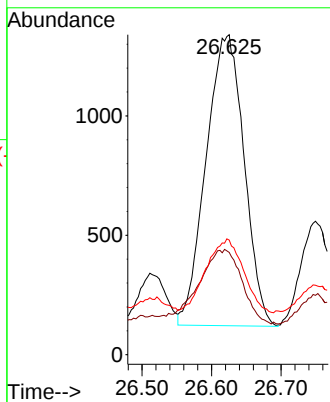
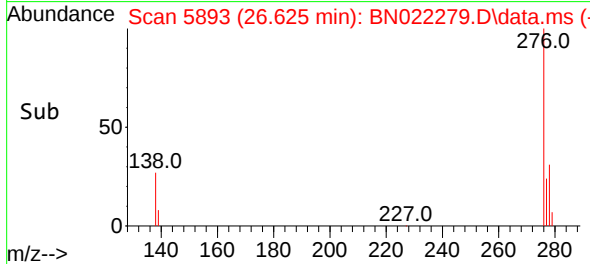
Instrument :
BNA_N
ClientSampleId :
C0BN7DL



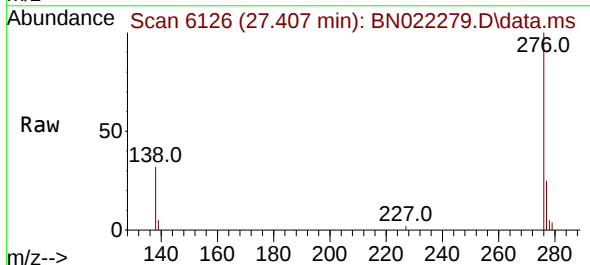
Tgt Ion:278 Resp: 463
Ion Ratio Lower Upper
278 100
139 31.9 19.6 29.4
279 35.8 20.6 30.8

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Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.407 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022279.D
Acq: 22 Oct 2022 07:02



Tgt Ion:276 Resp: 13029
Ion Ratio Lower Upper
276 100
138 31.7 25.2 37.8
277 25.3 19.9 29.9

