

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025930.D
 Acq On : 22 Jun 2023 10:47
 Operator : MA/JU
 Sample : 03083-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 13:41:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8020	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	24576	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.621	164	14713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	31114	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	20596	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	15919	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	11285	1.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	3185	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	6844	0.087	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	27	0.003	ng/ul#	52
5) Naphthalene	10.840	128	47854	0.679	ng/ul	100
7) 2-Methylnaphthalene	12.452	142	27417	0.611	ng/ul	99
8) 1-Methylnaphthalene	12.672	142	20658	0.445	ng/ul	100
10) Acenaphthylene	14.338	152	46031	0.668	ng/ul	99
11) Acenaphthene	14.681	153	3960	0.070	ng/ul	96
12) Fluorene	15.666	166	5927	0.092	ng/ul#	93
14) Pentachlorophenol	17.017	266	240	0.022	ng/ul	99
15) Phenanthrene	17.401	178	185245	1.802	ng/ul	100
16) Anthracene	17.494	178	27116	0.297	ng/ul	97
19) Fluoranthene	19.418	202	448425	4.076	ng/ul	98
20) Pyrene	19.781	202	251914	2.202	ng/ul	97
21) Benzo(a)anthracene	21.531	228	182683	2.150	ng/ul	97
22) Chrysene	21.581	228	215266	2.435	ng/ul	98
24) Benzo(b)fluoranthene	23.255	252	376477	5.541	ng/ul	91
26) Benzo(a)pyrene	23.893	252	66051	1.119	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.563	276	70948	1.101	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.580	278	29378	0.602	ng/ul	99
29) Benzo(g,h,i)perylene	27.355	276	3451	0.060	ng/ul#	56

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

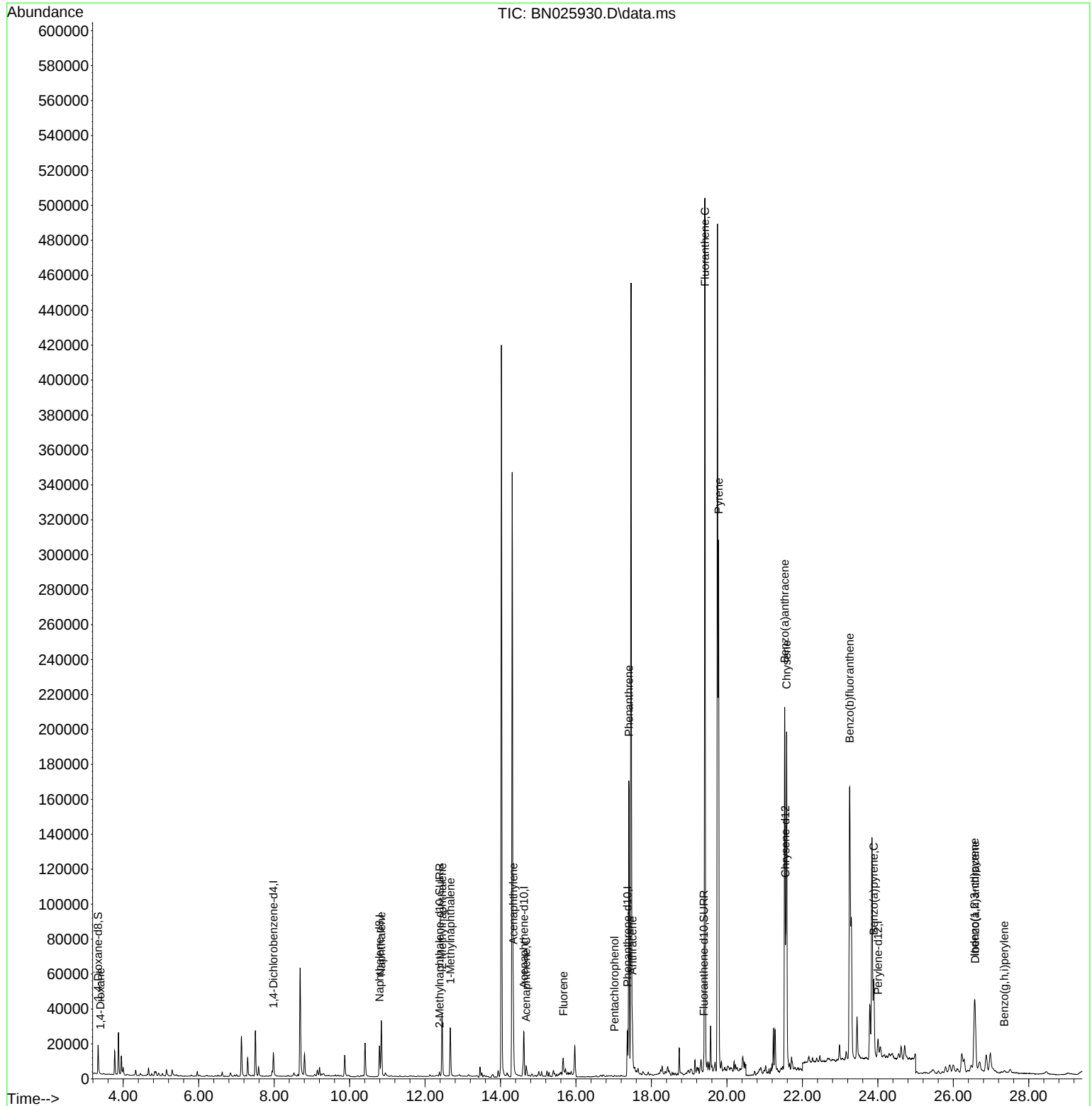
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025930.D
Acq On : 22 Jun 2023 10:47
Operator : MA/JU
Sample : 03083-03
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ALS Vial : 4 Sample Multiplier: 1

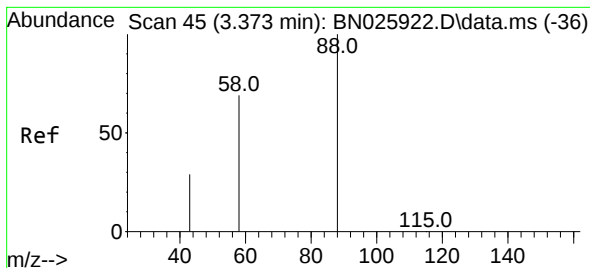
Instrument :
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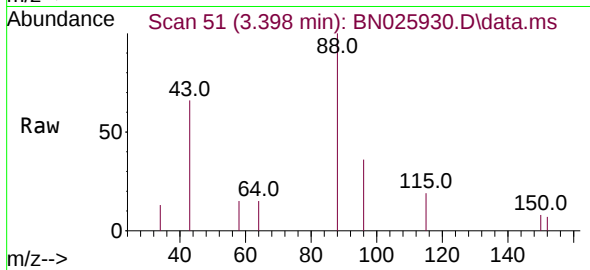
Quant Time: Jun 22 13:41:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.003 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. 0.025 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

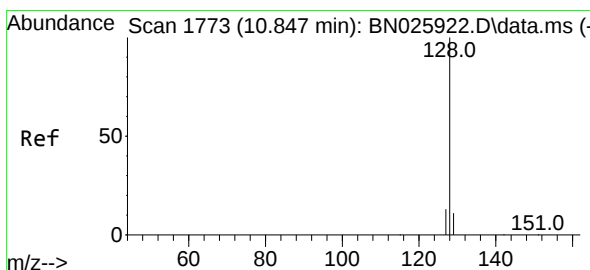
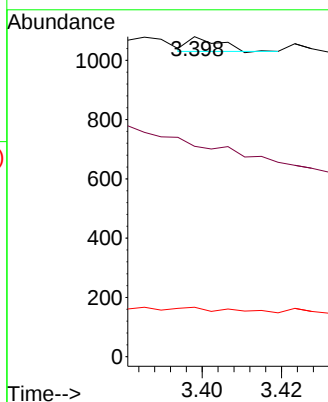
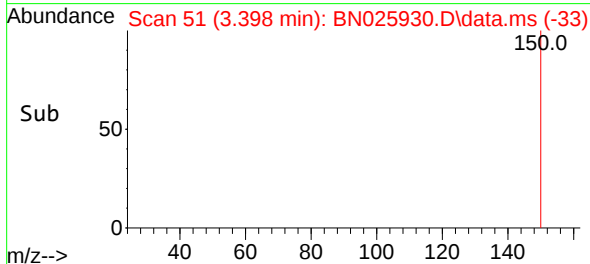
Instrument :
BNA_N
ClientSampleId :
DCFK1



Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 65.7 29.5 44.3
58 15.5 37.4 56.2

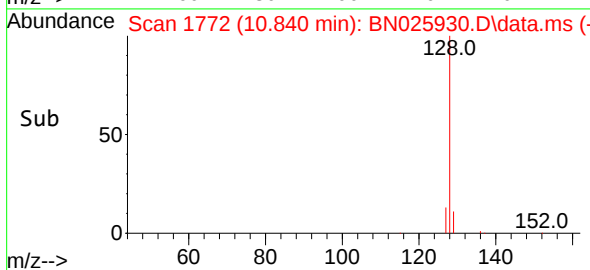
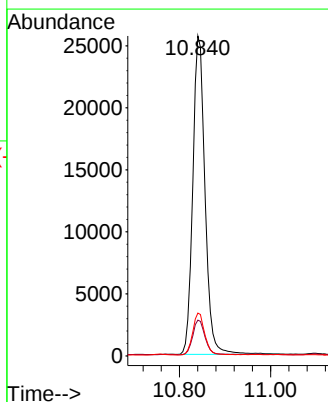
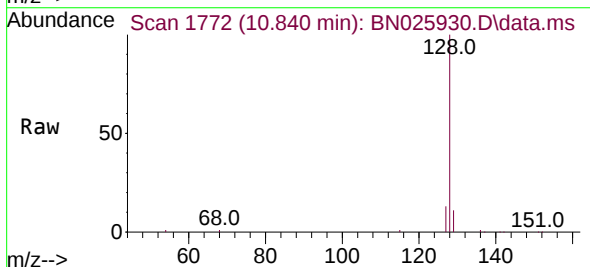
Manual Integrations
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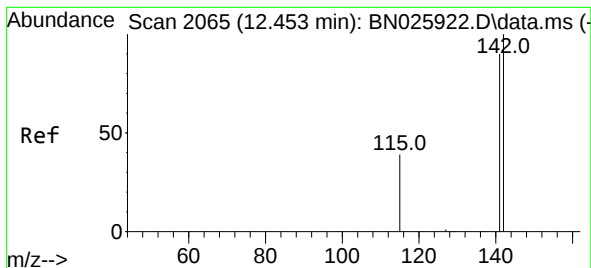
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#5
Naphthalene
Concen: 0.679 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

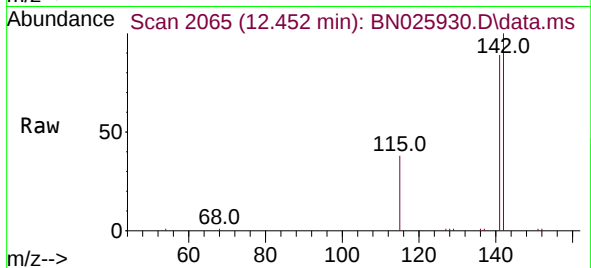
Tgt Ion:128 Resp: 47854
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.611 ng/ul
RT: 12.452 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

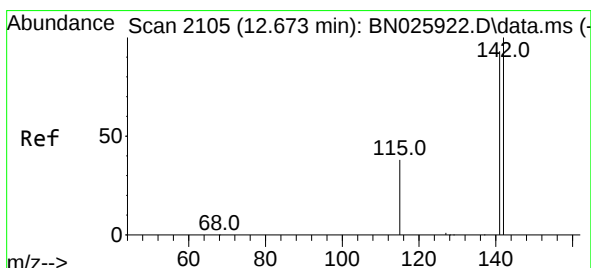
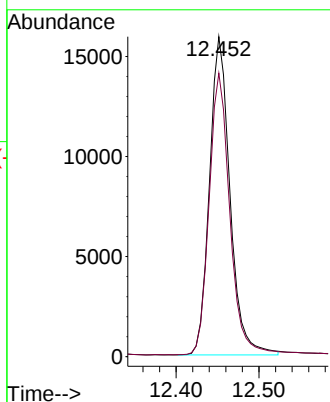
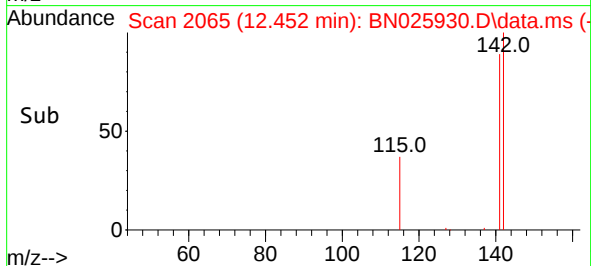
Instrument :
BNA_N
ClientSampleId :
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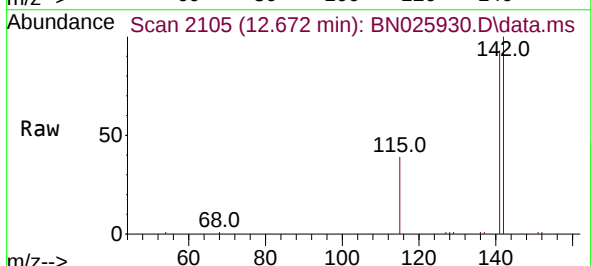
Tgt Ion:142 Resp: 2741
Ion Ratio Lower Upper
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141 89.0 71.9 107.9

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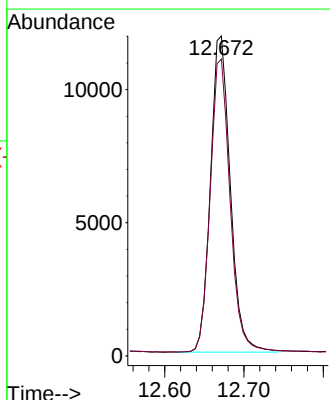
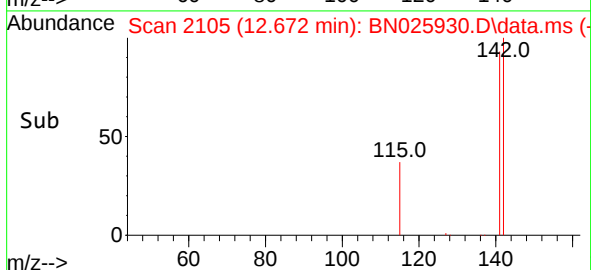
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

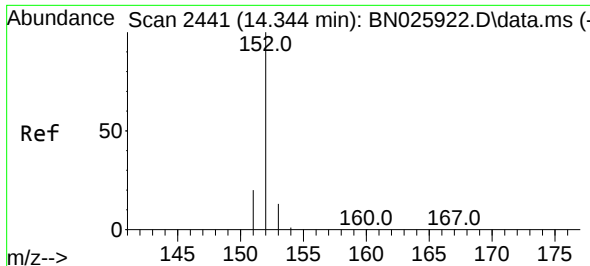


#8
1-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.672 min Scan# 2105
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47



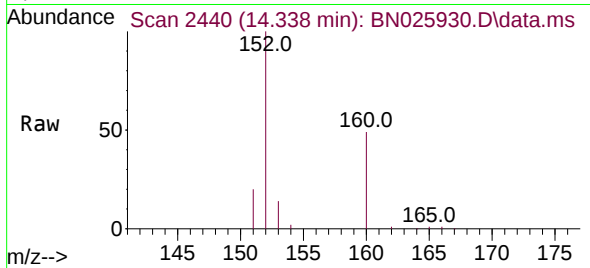
Tgt Ion:142 Resp: 20658
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4





#10
Acenaphthylene
Concen: 0.668 ng/ul
RT: 14.338 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

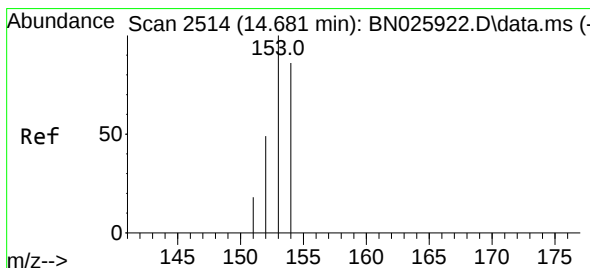
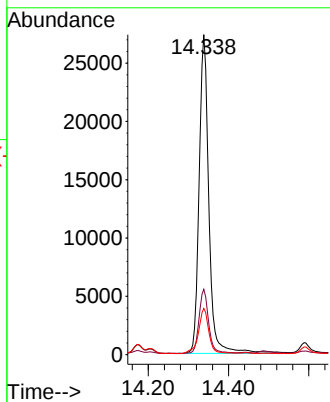
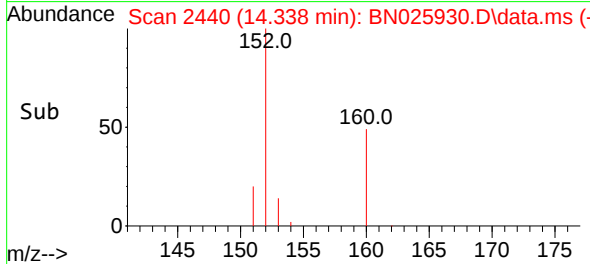
Instrument :
BNA_N
ClientSampleId :
DCFK1



Tgt Ion:152 Resp: 46031
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.4 10.9 16.3

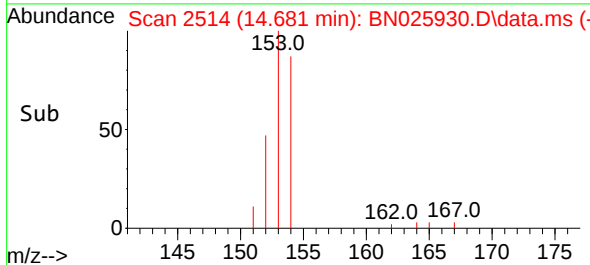
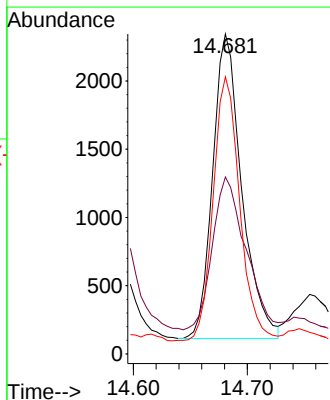
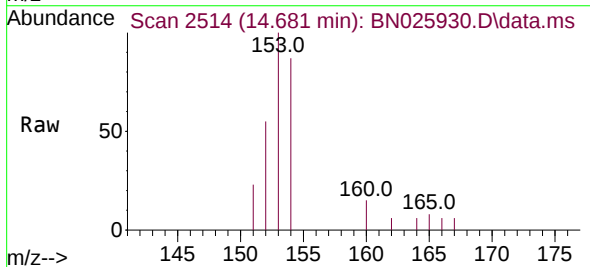
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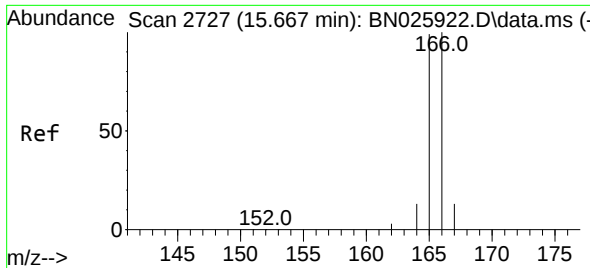
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

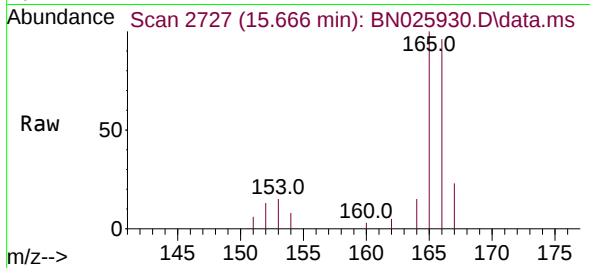
Tgt Ion:153 Resp: 3960
Ion Ratio Lower Upper
153 100
152 55.3 39.4 59.0
154 86.6 68.9 103.3





#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.666 min Scan# 2727
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

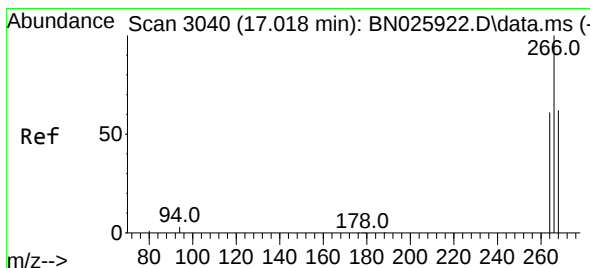
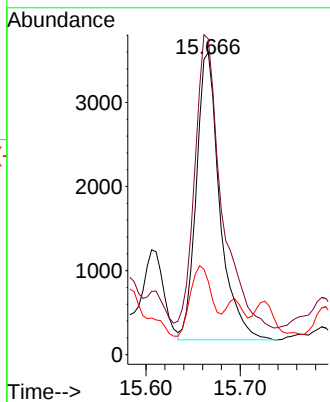
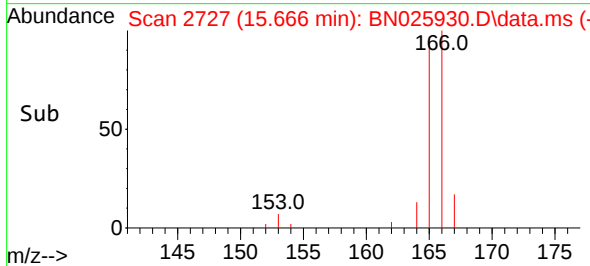
Instrument :
BNA_N
ClientSampleId :
DCFK1



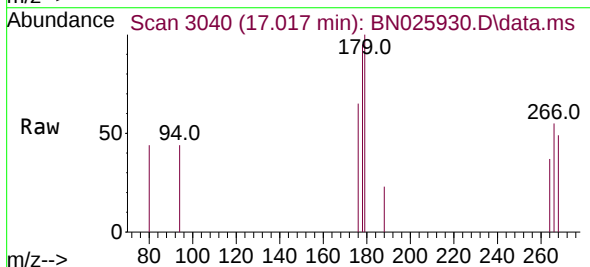
Tgt Ion:166 Resp: 5927
Ion Ratio Lower Upper
166 100
165 104.5 79.9 119.9
167 24.2 10.8 16.2

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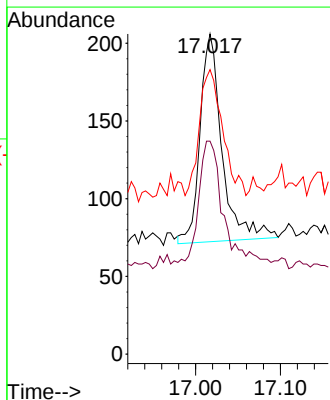
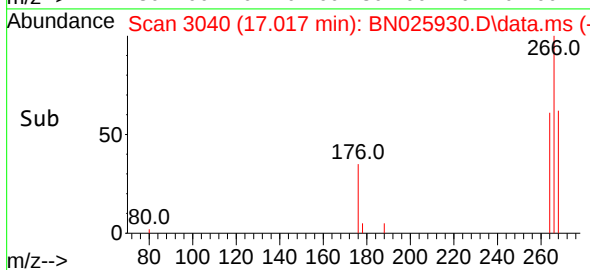
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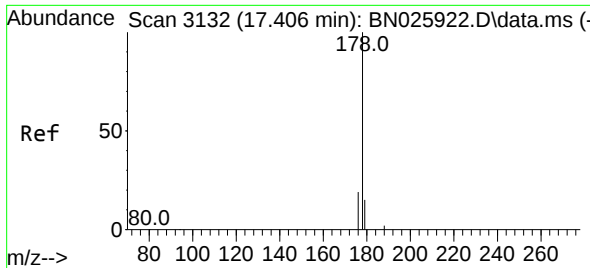


#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 17.017 min Scan# 3040
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47



Tgt Ion:266 Resp: 240
Ion Ratio Lower Upper
266 100
264 65.0 50.5 75.7
268 64.6 51.6 77.4





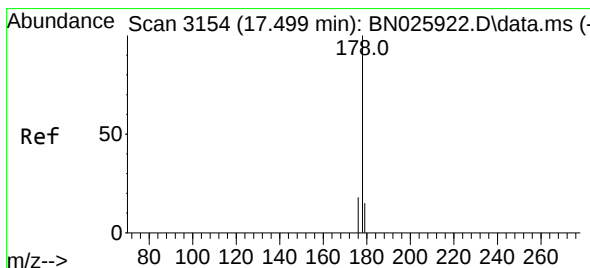
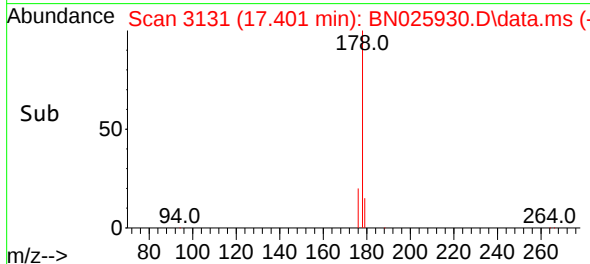
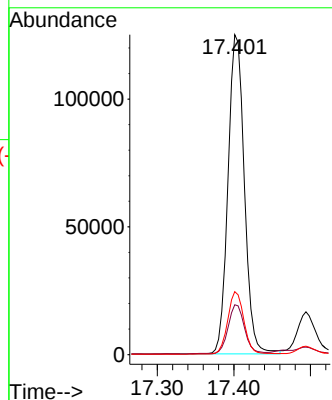
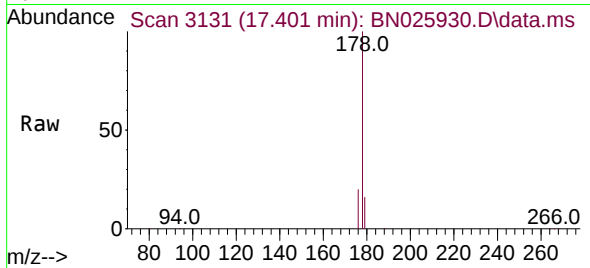
#15
Phenanthrene
Concen: 1.802 ng/ul
RT: 17.401 min Scan# 3132
Delta R.T. -0.005 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

Instrument :
BNA_N
ClientSampleId :
DCFK1

Tgt Ion:178 Resp: 185245
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.7 15.8 23.6

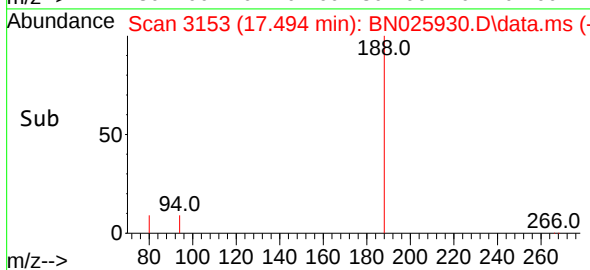
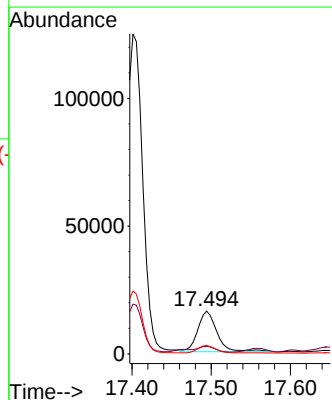
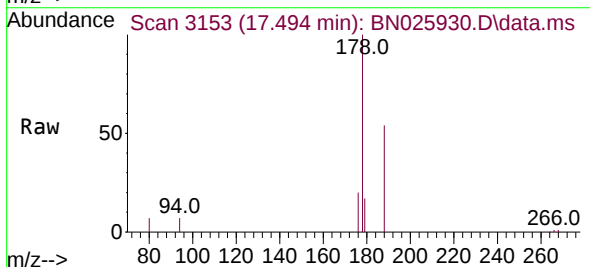
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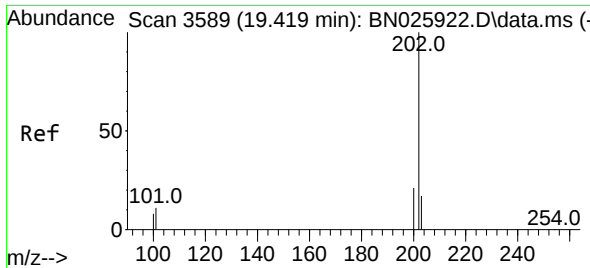
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.297 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

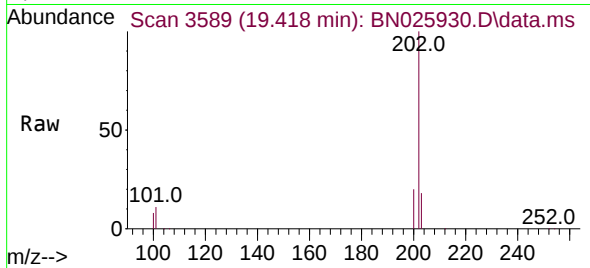
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Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 4.076 ng/u1
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

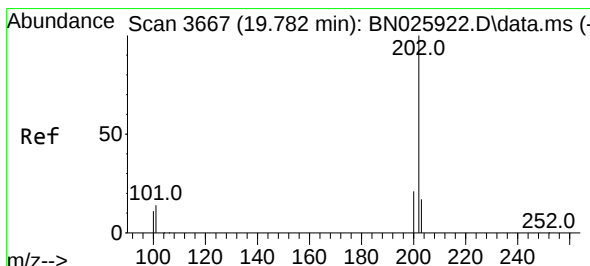
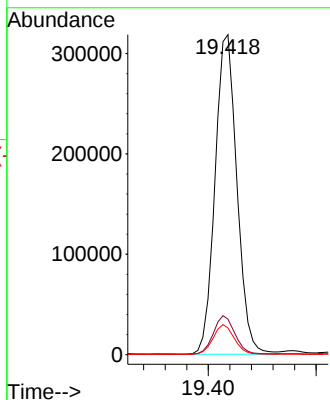
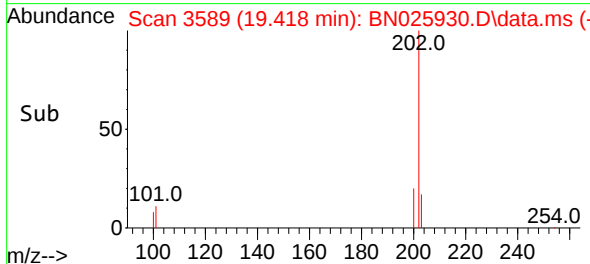
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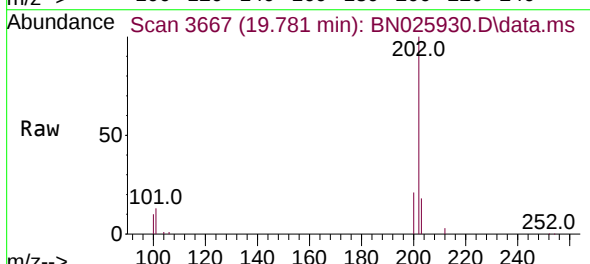
Tgt Ion:202 Resp: 448425
Ion Ratio Lower Upper
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101 11.1 9.5 14.3
100 8.3 7.3 10.9

Manual Integrations
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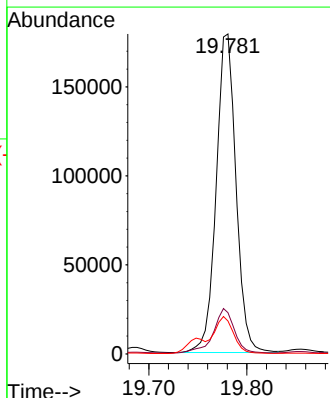
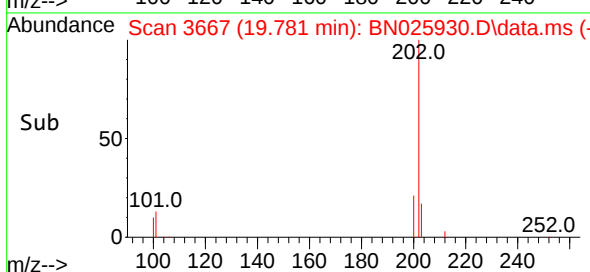
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

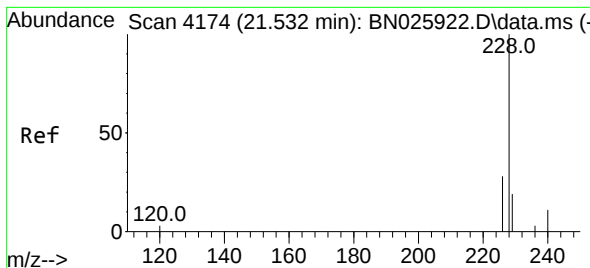


#20
Pyrene
Concen: 2.202 ng/u1
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47



Tgt Ion:202 Resp: 251914
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.3 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.150 ng/ul

RT: 21.531 min Scan# 4174

Delta R.T. -0.001 min

Lab File: BN025930.D

Acq: 22 Jun 2023 10:47

Instrument :

BNA_N

ClientSampleId :

DCFK1

Tgt Ion:228 Resp: 182683

Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.6

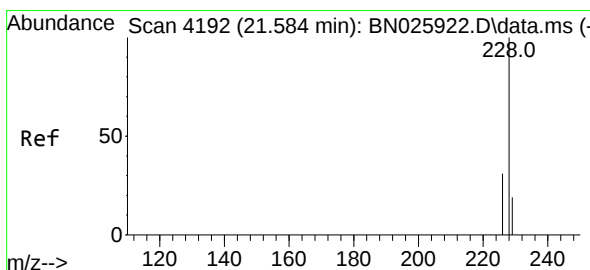
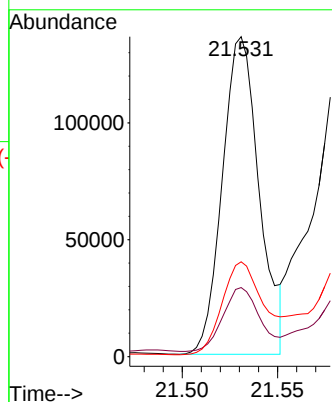
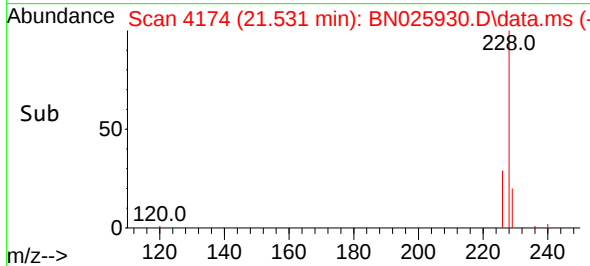
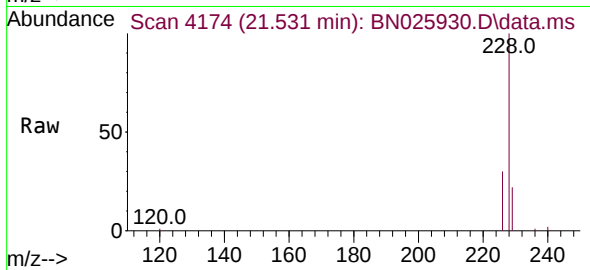
226 29.6 22.5 33.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#22

Chrysene

Concen: 2.435 ng/ul

RT: 21.581 min Scan# 4191

Delta R.T. -0.004 min

Lab File: BN025930.D

Acq: 22 Jun 2023 10:47

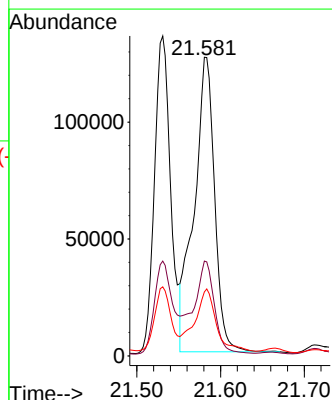
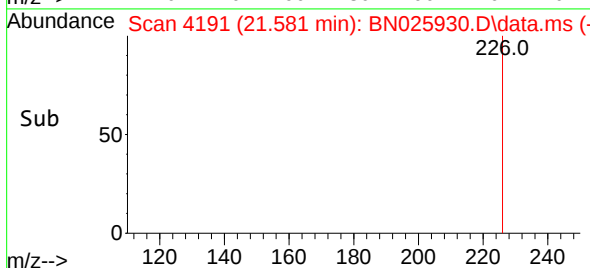
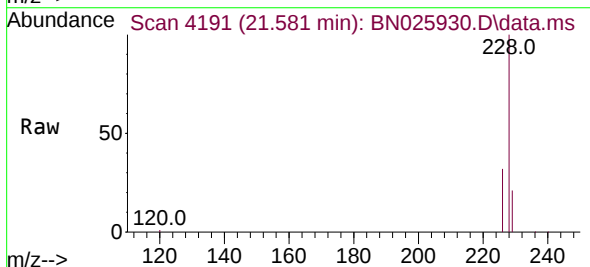
Tgt Ion:228 Resp: 215266

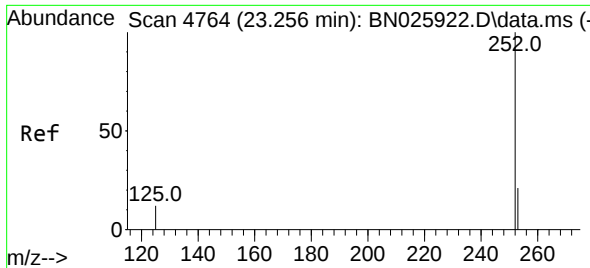
Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

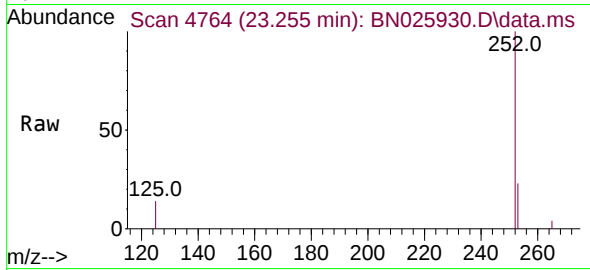
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.541 ng/u1
RT: 23.255 min Scan# 4764
Delta R.T. -0.001 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

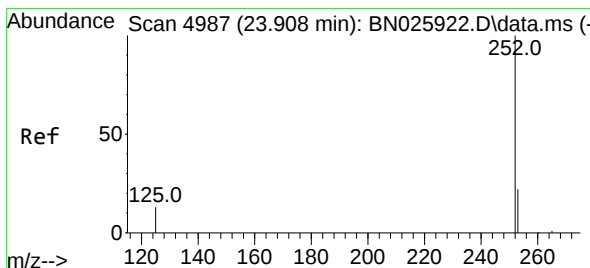
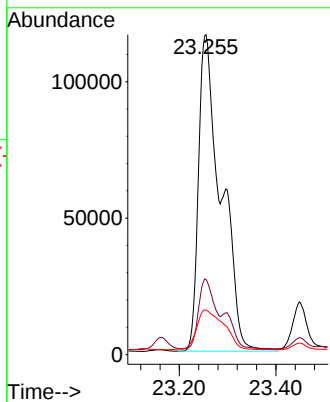
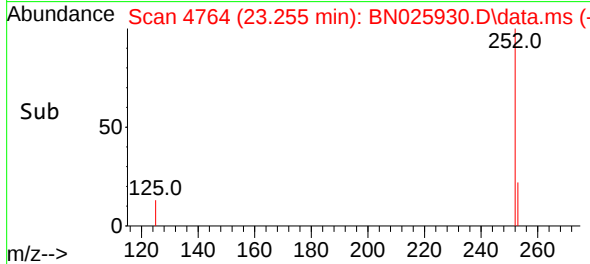
Instrument :
BNA_N
ClientSampleId :
DCFK1



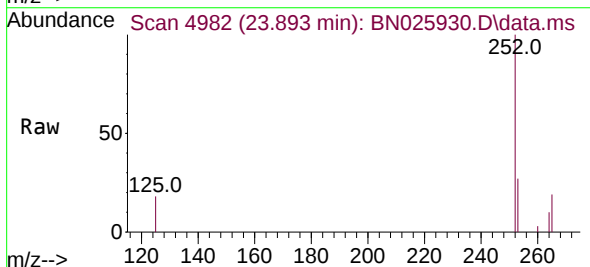
Tgt Ion:252 Resp: 37647
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 13.9 0.0 35.8

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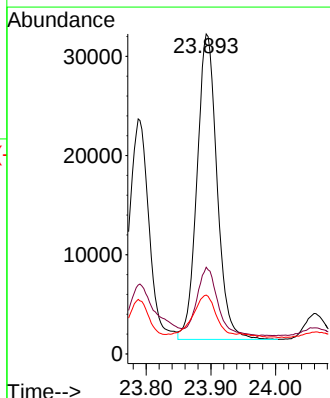
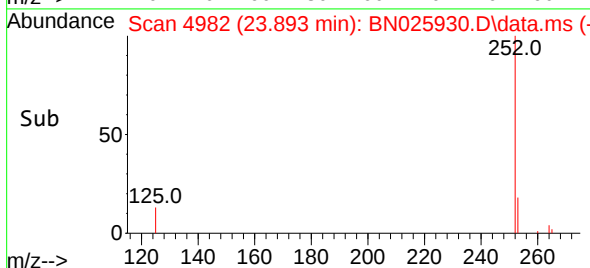
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

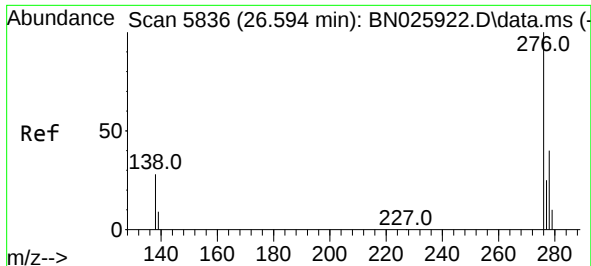


#26
Benzo(a)pyrene
Concen: 1.119 ng/u1
RT: 23.893 min Scan# 4982
Delta R.T. -0.016 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47



Tgt Ion:252 Resp: 66051
Ion Ratio Lower Upper
252 100
253 27.1 26.0 39.0
125 18.4 17.3 25.9





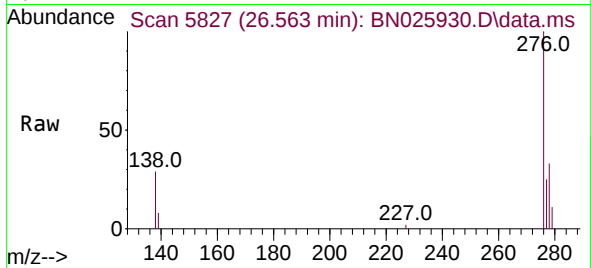
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.101 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. -0.031 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

Instrument :

BNA_N

ClientSampleId :

DCFK1

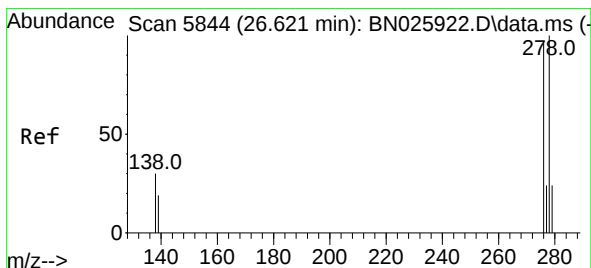
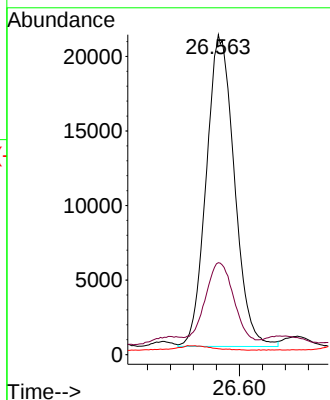
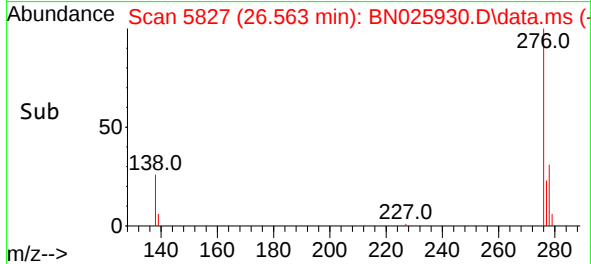


Tgt Ion:276 Resp: 70948
Ion Ratio Lower Upper
276 100
138 26.9 24.5 36.7
227 0.0 0.0 0.0

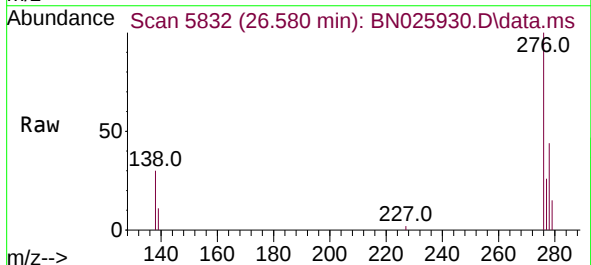
Manual Integrations

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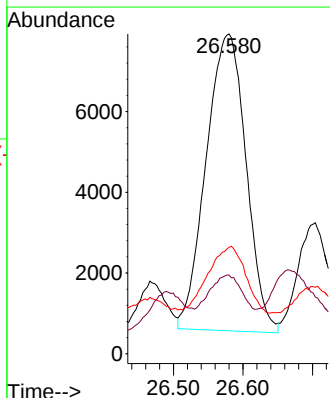
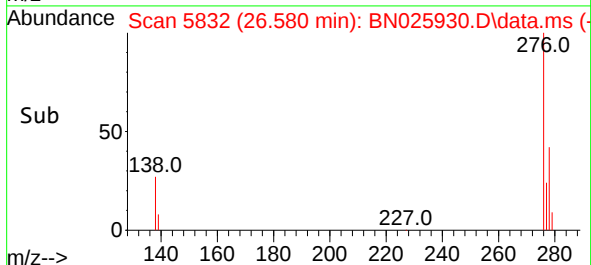
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

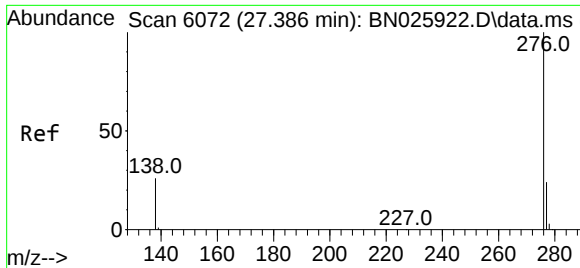


#28
Dibenzo(a,h)anthracene
Concen: 0.602 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.041 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47



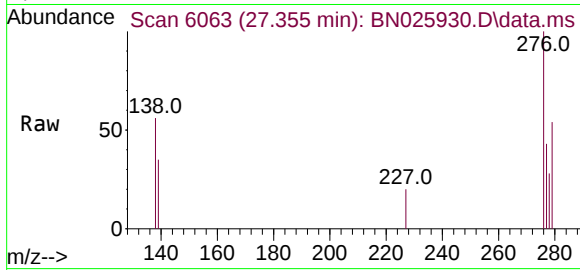
Tgt Ion:278 Resp: 29378
Ion Ratio Lower Upper
278 100
139 24.6 19.0 28.4
279 33.3 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.355 min Scan# 60
Delta R.T. -0.031 min
Lab File: BN025930.D
Acq: 22 Jun 2023 10:47

Instrument :
BNA_N
ClientSampleId :
DCFK1



Tgt Ion:276 Resp: 345
Ion Ratio Lower Upper
276 100
138 56.4 23.4 35.0
277 43.4 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

