

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025937.D
 Acq On : 22 Jun 2023 14:58
 Operator : MA/JU
 Sample : 03083-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:03:18 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	7674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	24522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	14792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	31943	0.400	ng/ul	0.00
17) Chrysene-d12	21.552	240	21333	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	17161	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2210	0.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	693	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	1670	0.021	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.841	128	10638	0.151	ng/ul	97
7) 2-Methylnaphthalene	12.453	142	5838	0.130	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	4553	0.098	ng/ul	100
10) Acenaphthylene	14.339	152	12808	0.185	ng/ul	98
12) Fluorene	15.666	166	1459	0.022	ng/ul#	87
15) Phenanthrene	17.406	178	42639	0.404	ng/ul	100
16) Anthracene	17.494	178	5761	0.061	ng/ul#	92
19) Fluoranthene	19.419	202	104272	0.915	ng/ul	98
20) Pyrene	19.781	202	59003	0.498	ng/ul	98
21) Benzo(a)anthracene	21.534	228	44291	0.503	ng/ul	94
22) Chrysene	21.590	228	50702	0.554	ng/ul#	94
24) Benzo(b)fluoranthene	23.262	252	64987m	0.887	ng/ul	
25) Benzo(k)fluoranthene	23.308	252	21976m	0.299	ng/ul	
26) Benzo(a)pyrene	23.905	252	15562	0.245	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.577	276	17729	0.255	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.580	278	7156	0.136	ng/ul#	63

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

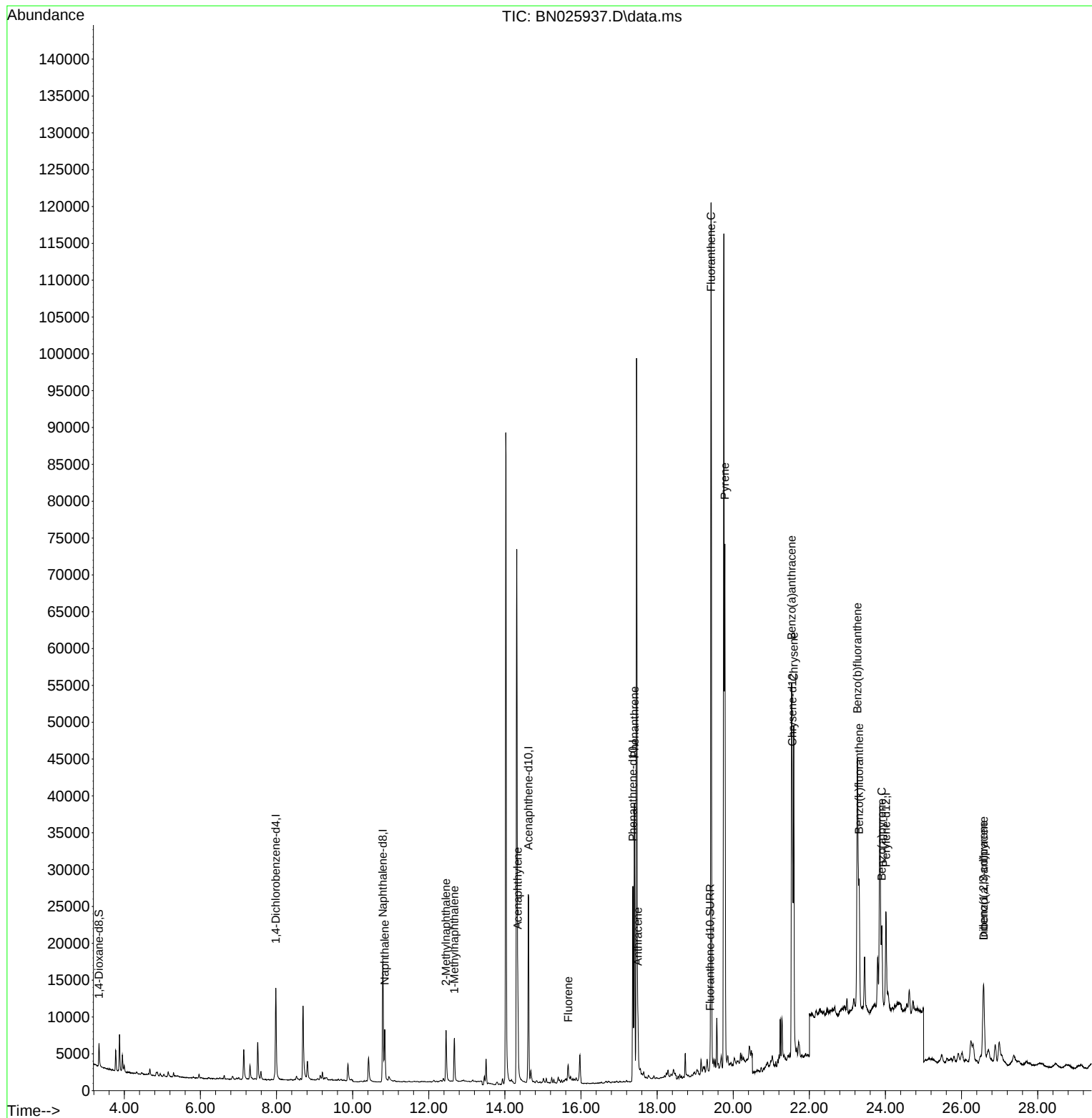
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025937.D
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ALS Vial : 11 Sample Multiplier: 1

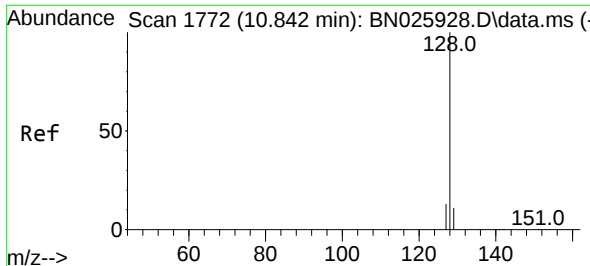
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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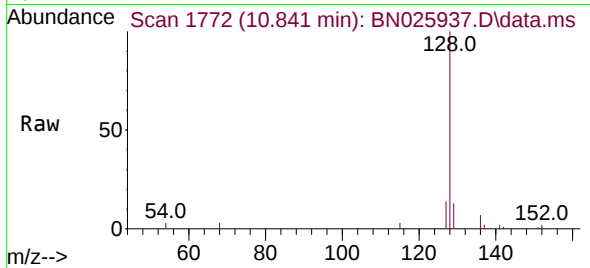
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.841 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

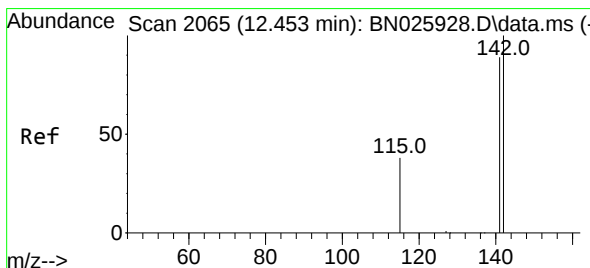
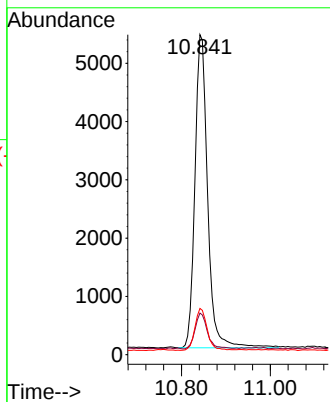
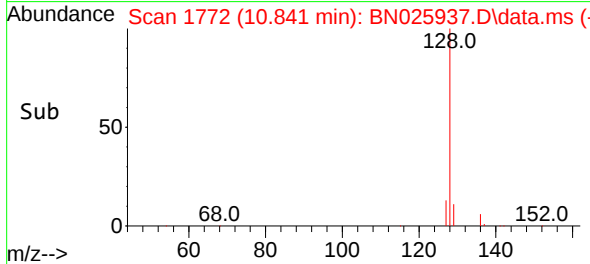
Instrument :
BNA_N
ClientSampleId :
DCFK1DL



Tgt Ion:128 Resp: 10638
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 14.5 10.7 16.1

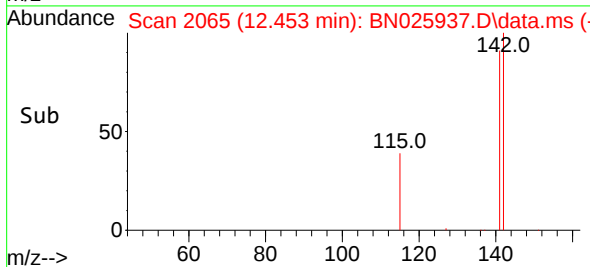
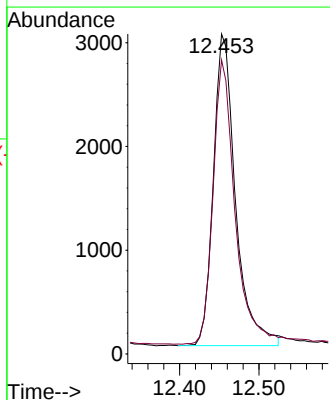
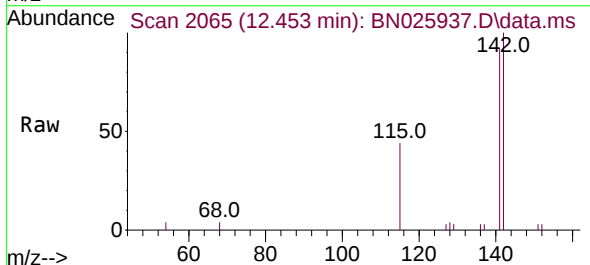
Manual Integrations
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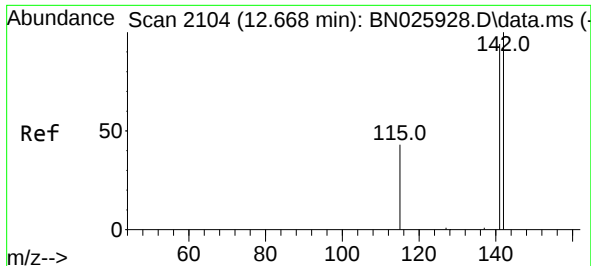
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

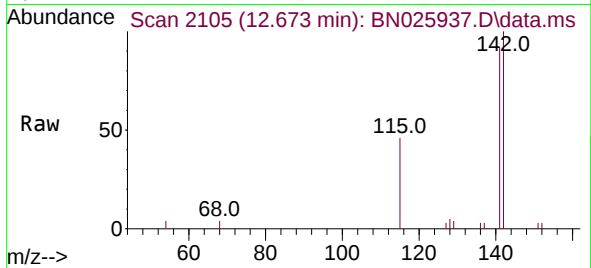
Tgt Ion:142 Resp: 5838
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

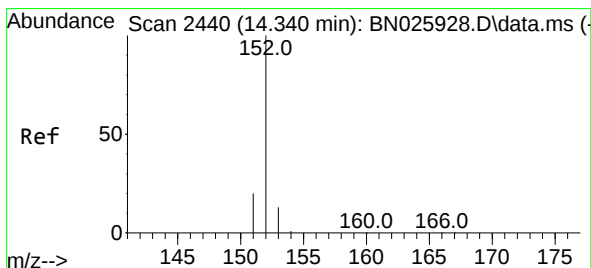
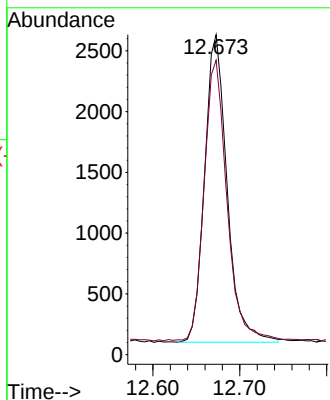
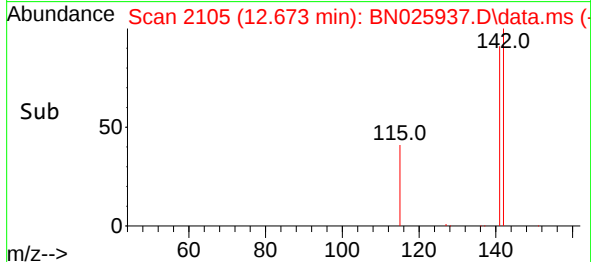
Instrument :
BNA_N
ClientSampleId :
DCFK1DL



Tgt Ion:142 Resp: 455
Ion Ratio Lower Upper
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141 92.8 74.2 111.4

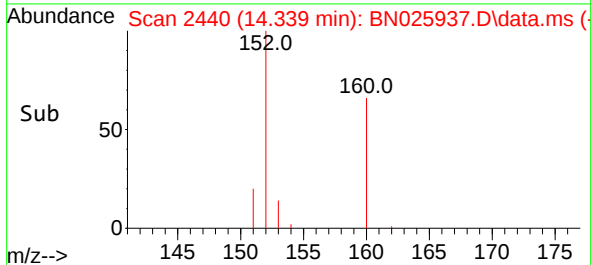
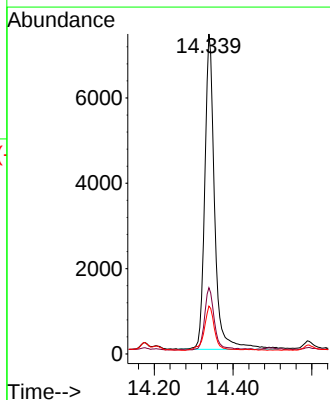
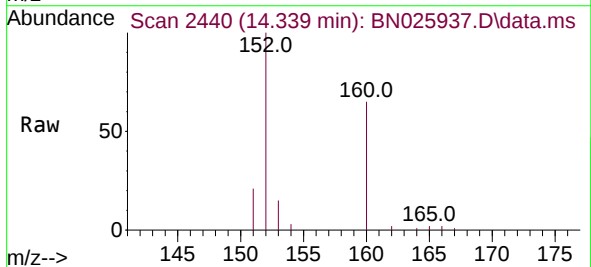
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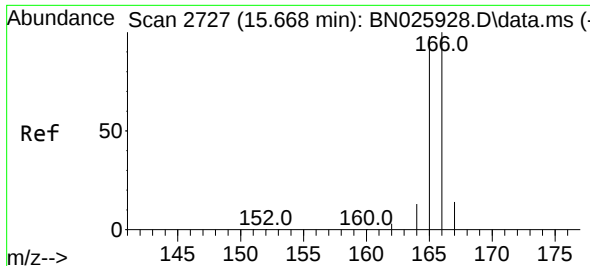
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.185 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

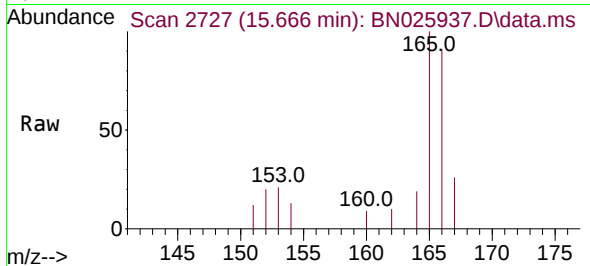
Tgt Ion:152 Resp: 12808
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 15.0 10.9 16.3





#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.666 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

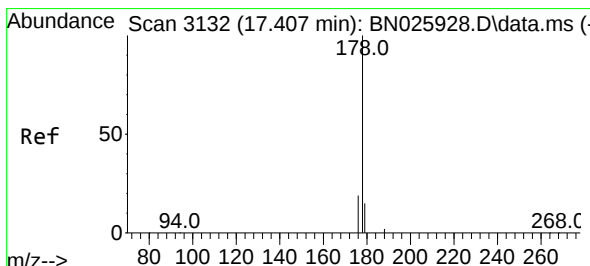
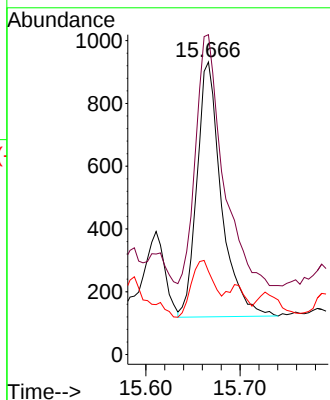
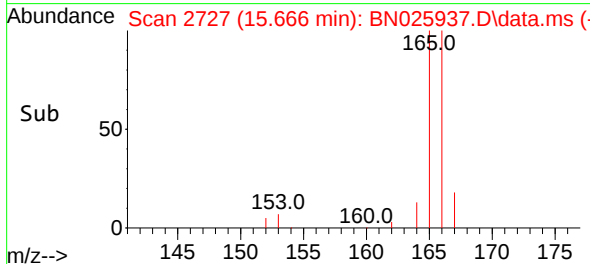
Instrument :
BNA_N
ClientSampleId :
DCFK1DL



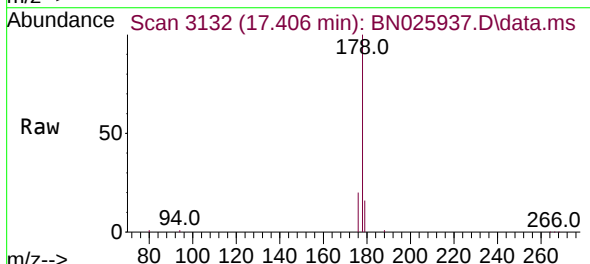
Tgt Ion:166 Resp: 1459
Ion Ratio Lower Upper
166 100
165 109.3 79.9 119.9
167 28.4 10.8 16.2

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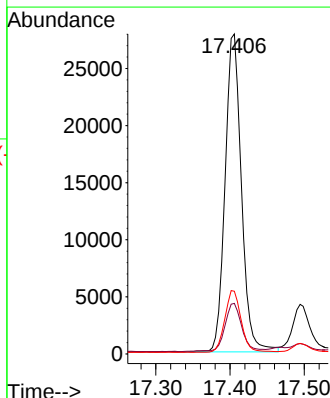
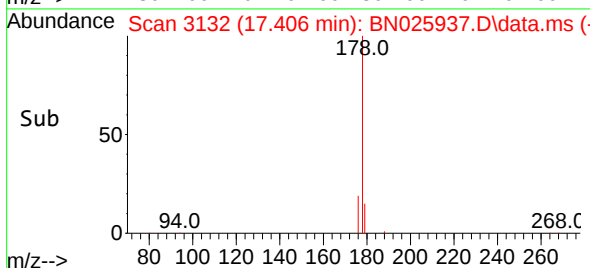
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

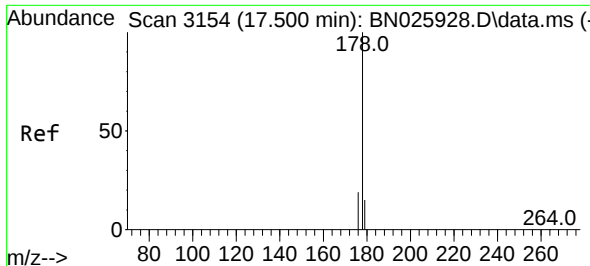


#15
Phenanthrene
Concen: 0.404 ng/u1
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58



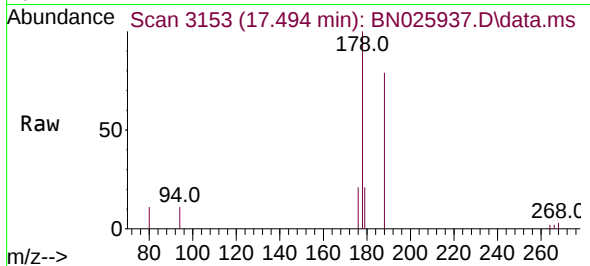
Tgt Ion:178 Resp: 42639
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.061 ng/u1
 RT: 17.494 min Scan# 3154
 Delta R.T. -0.005 min
 Lab File: BN025937.D
 Acq: 22 Jun 2023 14:58

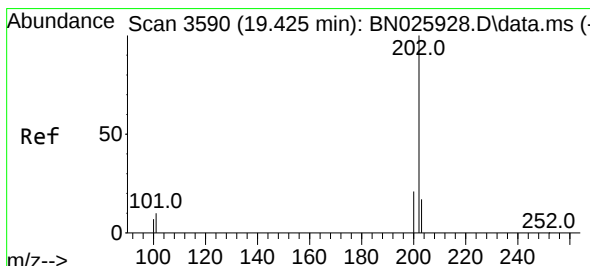
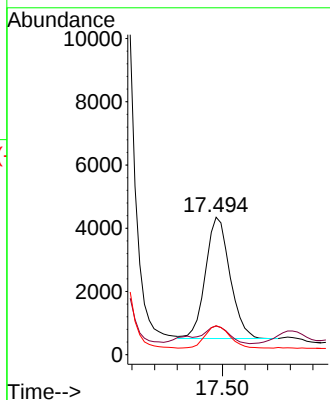
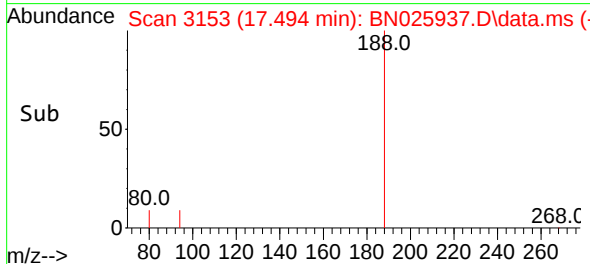
Instrument :
 BNA_N
 ClientSampleId :
 DCFK1DL



Tgt Ion:178 Resp: 576
 Ion Ratio Lower Upper
 178 100
 179 20.9 12.6 18.8
 176 21.1 15.1 22.7

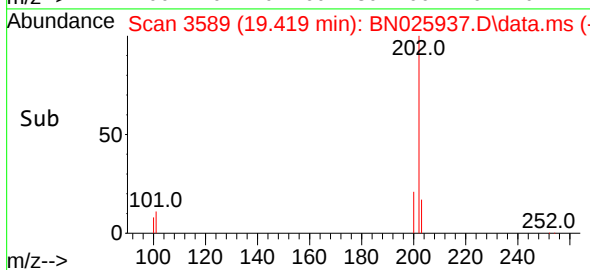
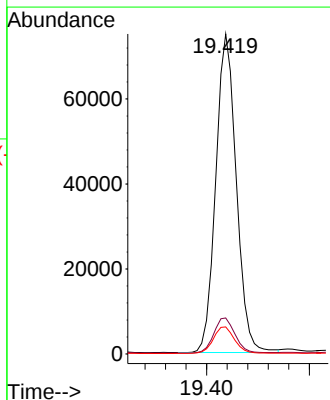
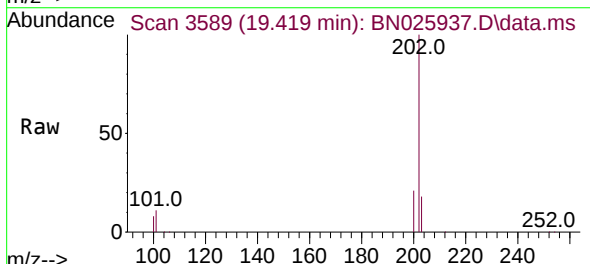
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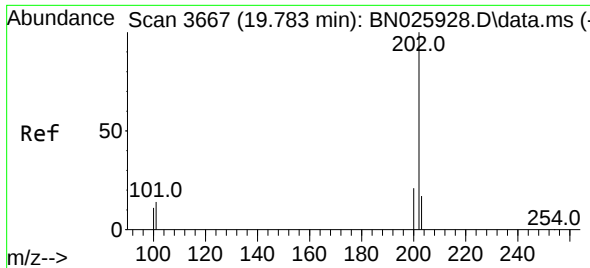
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#19
 Fluoranthene
 Concen: 0.915 ng/u1
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.001 min
 Lab File: BN025937.D
 Acq: 22 Jun 2023 14:58

Tgt Ion:202 Resp: 104272
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.5 14.3
 100 8.5 7.3 10.9





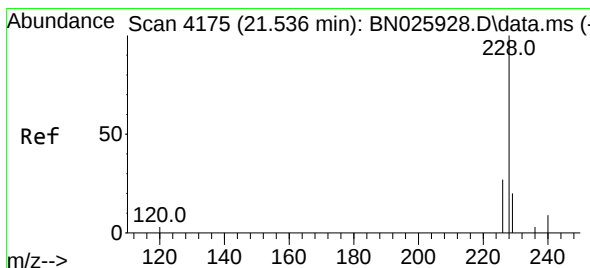
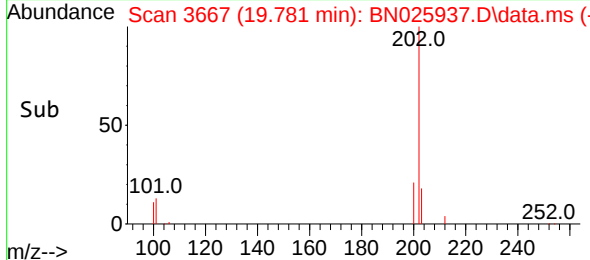
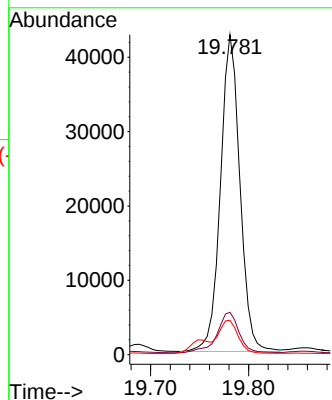
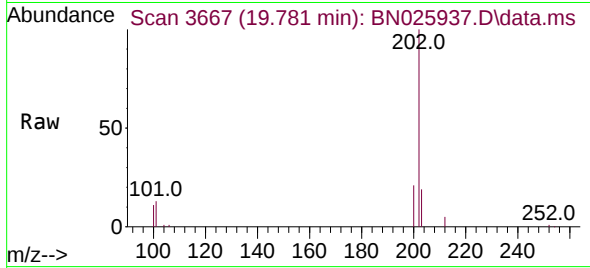
#20
Pyrene
Concen: 0.498 ng/u1
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Instrument :
BNA_N
ClientSampleId :
DCFK1DL

Tgt Ion:202 Resp: 59000
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.8 9.1 13.7

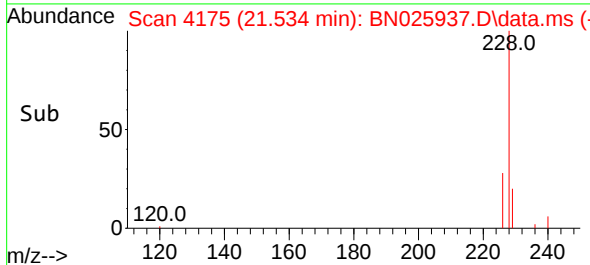
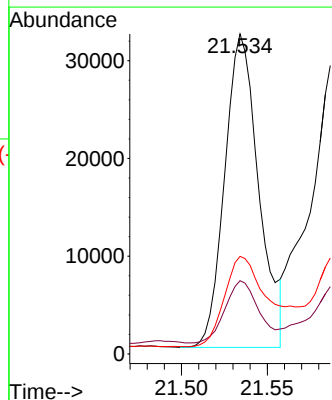
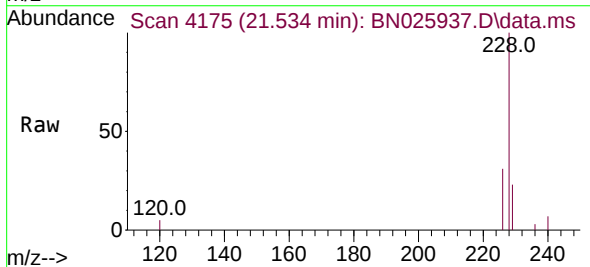
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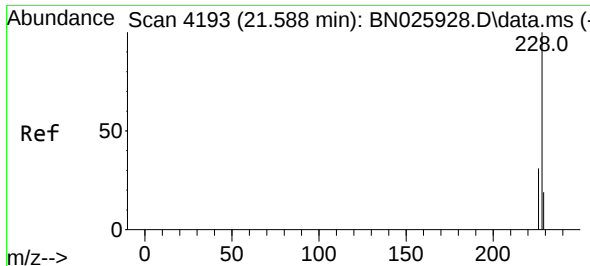
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#21
Benzo(a)anthracene
Concen: 0.503 ng/u1
RT: 21.534 min Scan# 4175
Delta R.T. 0.002 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

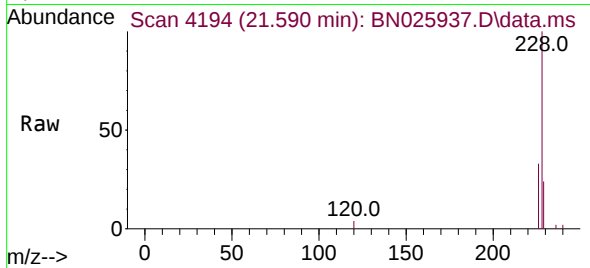
Tgt Ion:228 Resp: 44291
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 30.5 22.5 33.7





#22
Chrysene
Concen: 0.554 ng/ul
RT: 21.590 min Scan# 4193
Delta R.T. 0.005 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

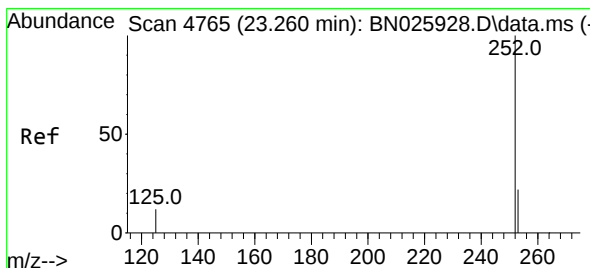
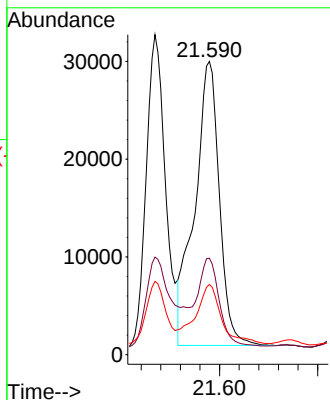
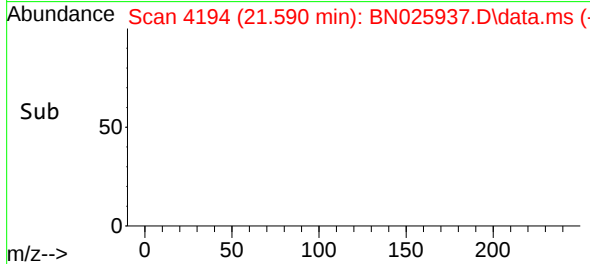
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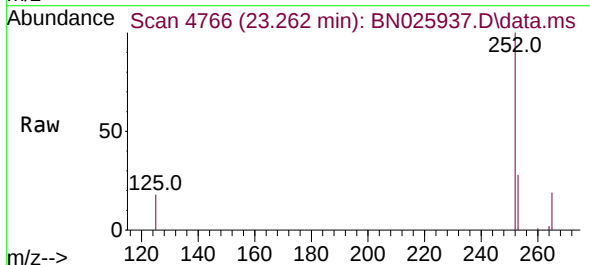
Tgt Ion:228 Resp: 50702
Ion Ratio Lower Upper
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226 32.9 24.8 37.2
229 24.0 15.7 23.5

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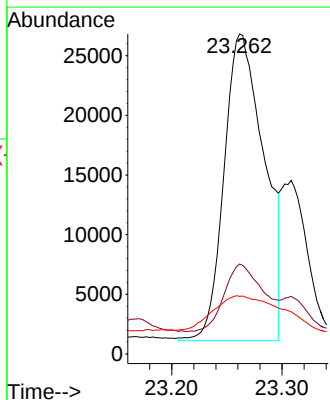
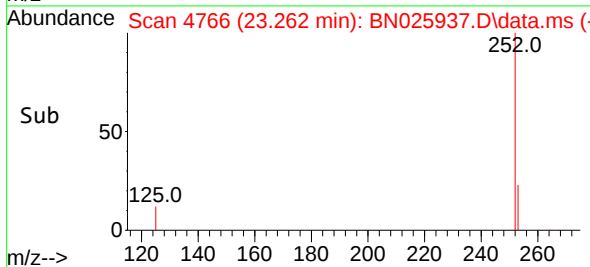
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

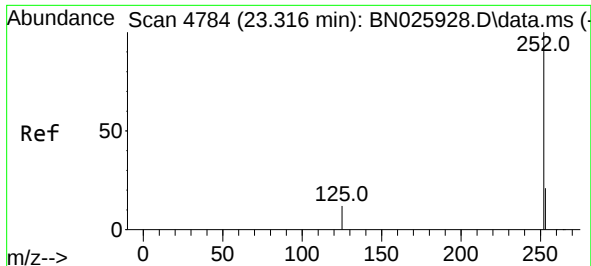


#24
Benzo(b)fluoranthene
Concen: 0.887 ng/ul m
RT: 23.262 min Scan# 4766
Delta R.T. 0.005 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58



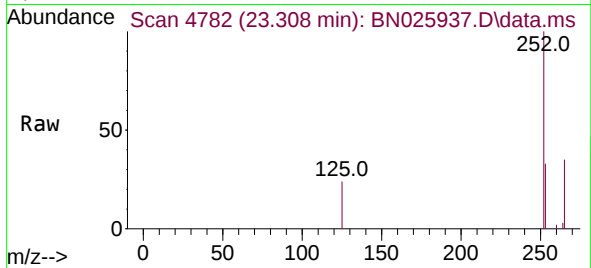
Tgt Ion:252 Resp: 64987
Ion Ratio Lower Upper
252 100
253 28.1 0.0 55.6
125 18.0 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 23.308 min Scan# 4782
Delta R.T. -0.001 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

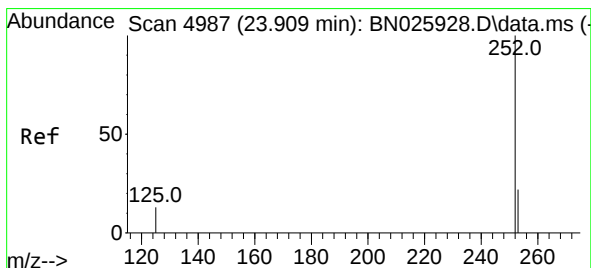
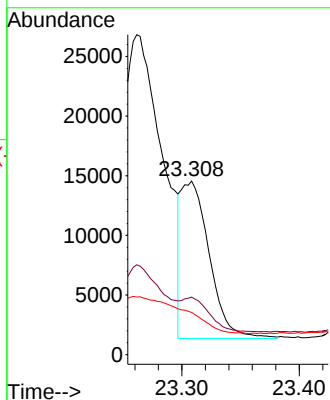
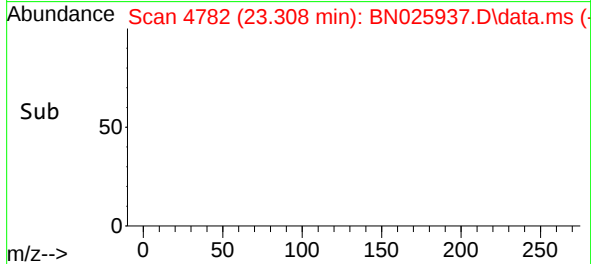
Instrument :
BNA_N
ClientSampleId :
DCFK1DL



Tgt Ion:252 Resp: 21970
Ion Ratio Lower Upper
252 100
253 33.2 23.2 34.8
125 24.4 15.0 22.4

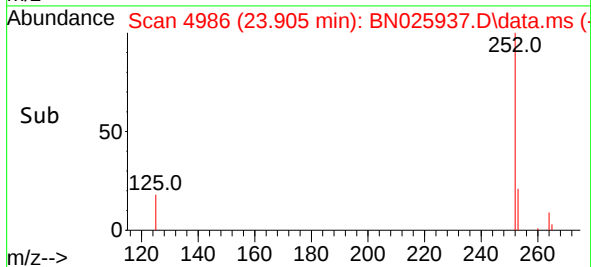
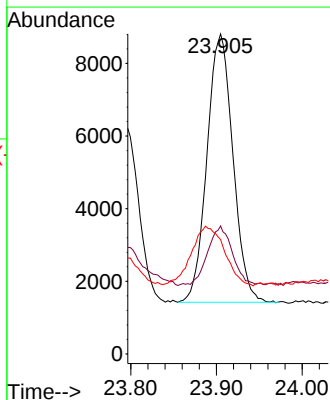
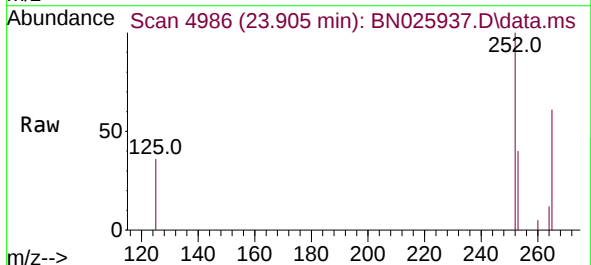
Manual Integrations
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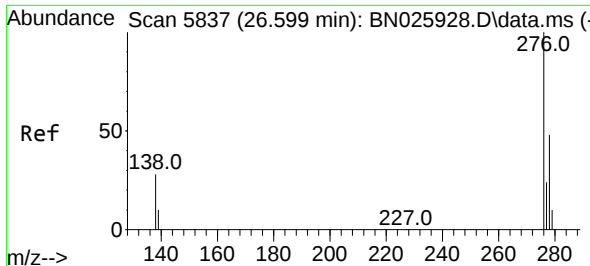
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.004 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Tgt Ion:252 Resp: 15562
Ion Ratio Lower Upper
252 100
253 40.0 26.0 39.0#
125 35.8 17.3 25.9#





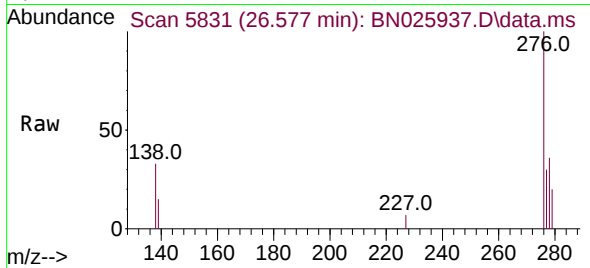
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.017 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58

Instrument :

BNA_N

ClientSampleId :

DCFK1DL



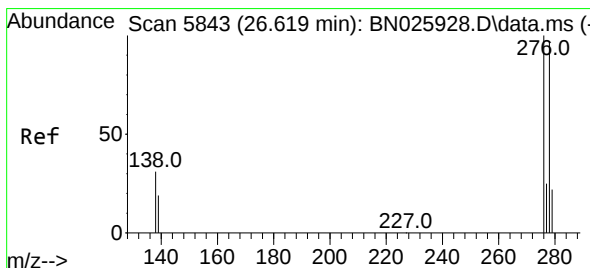
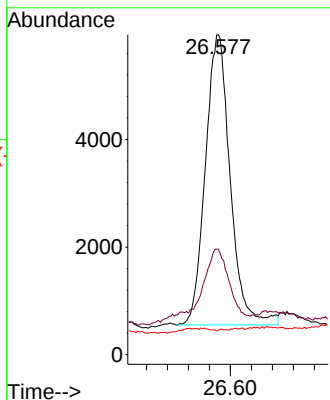
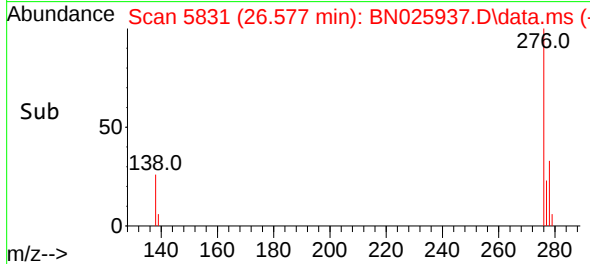
Tgt Ion:276 Resp: 17729
Ion Ratio Lower Upper
276 100
138 27.3 24.5 36.7
227 0.1 0.0 0.0

Manual Integrations

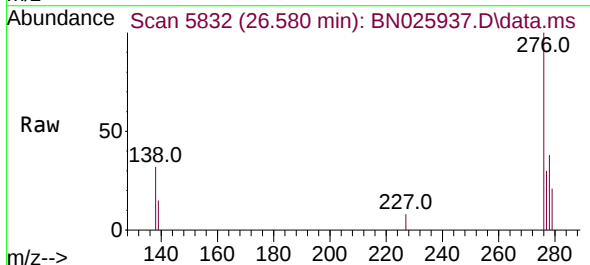
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.041 min
Lab File: BN025937.D
Acq: 22 Jun 2023 14:58



Tgt Ion:278 Resp: 7156
Ion Ratio Lower Upper
278 100
139 40.4 19.0 28.4#
279 55.5 26.7 40.1#

