

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025931.D
 Acq On : 22 Jun 2023 11:23
 Operator : MA/JU
 Sample : 03083-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK2

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:02:16 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	8724	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	27391	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.616	164	16991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	32791	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	17256	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	15276	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	36928	3.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	10912	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	19128	0.291	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.840	128	60918	0.776	ng/ul	100
7) 2-Methylnaphthalene	12.452	142	48868	0.978	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	44338	0.856	ng/ul	100
10) Acenaphthylene	14.338	152	91748	1.153	ng/ul	99
11) Acenaphthene	14.681	153	8651	0.133	ng/ul	96
12) Fluorene	15.662	166	10865	0.146	ng/ul#	88
15) Phenanthrene	17.401	178	375026	3.462	ng/ul	99
16) Anthracene	17.494	178	46717	0.485	ng/ul	98
19) Fluoranthene	19.418	202	833678	9.045	ng/ul	98
20) Pyrene	19.781	202	670057	6.990	ng/ul	97
21) Benzo(a)anthracene	21.528	228	302216	4.245	ng/ul	97
22) Chrysene	21.584	228	369120	4.983	ng/ul	97
24) Benzo(b)fluoranthene	23.255	252	500528m	7.677	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	169777m	2.593	ng/ul	
26) Benzo(a)pyrene	23.907	252	281293	4.967	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.587	276	226358	3.660	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.594	278	54201	1.158	ng/ul	98
29) Benzo(g,h,i)perylene	27.385	276	217816	3.959	ng/ul	97

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

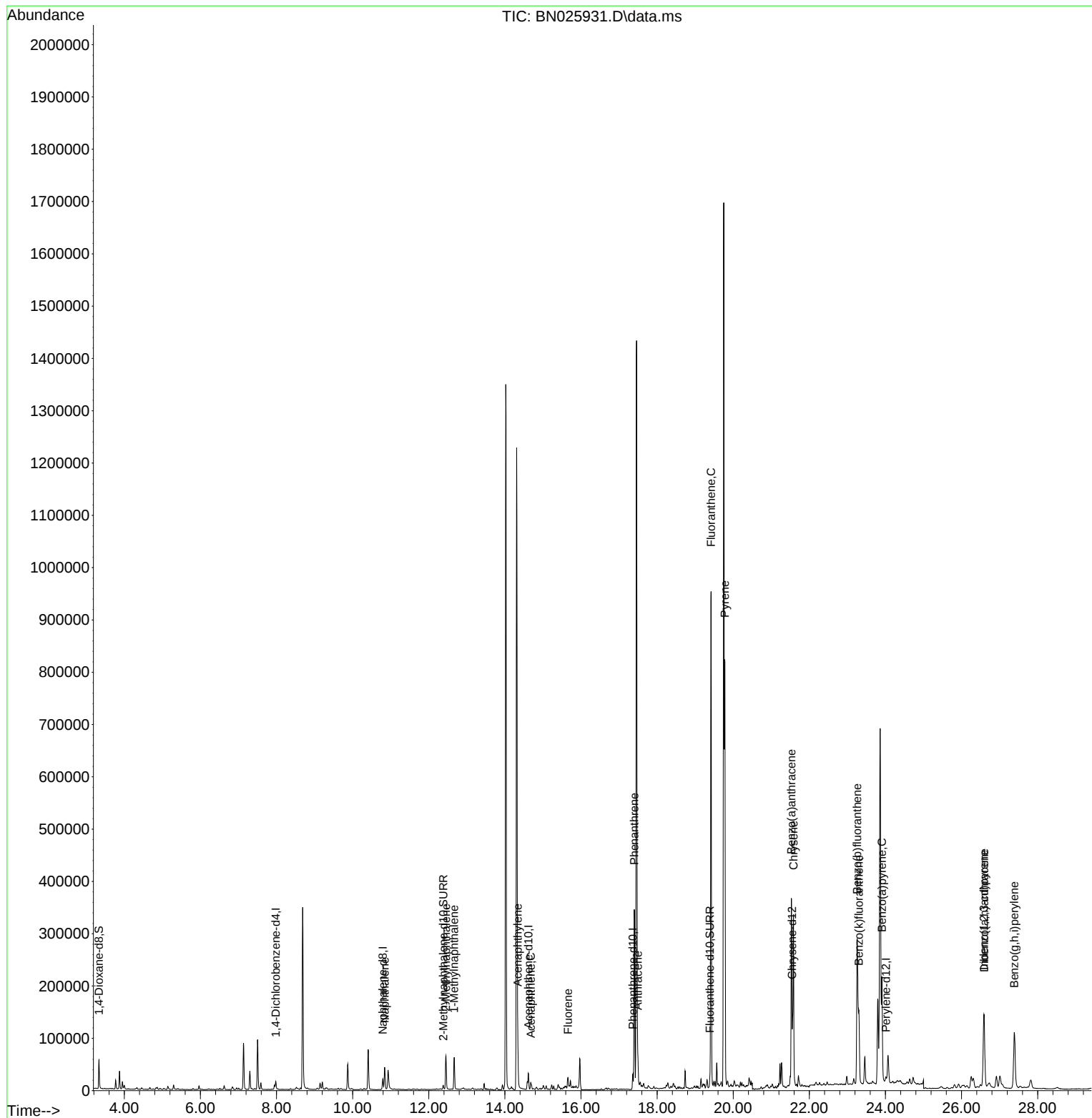
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025931.D
Acq On : 22 Jun 2023 11:23
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Sample : 03083-04
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ALS Vial : 5 Sample Multiplier: 1

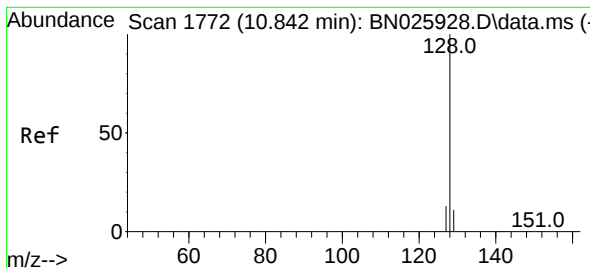
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#5

Naphthalene

Concen: 0.776 ng/ul

RT: 10.840 min Scan# 1772

Delta R.T. -0.007 min

Lab File: BN025931.D

Acq: 22 Jun 2023 11:23

Instrument :

BNA_N

ClientSampleId :

DCFK2

Tgt Ion:128 Resp: 60918

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

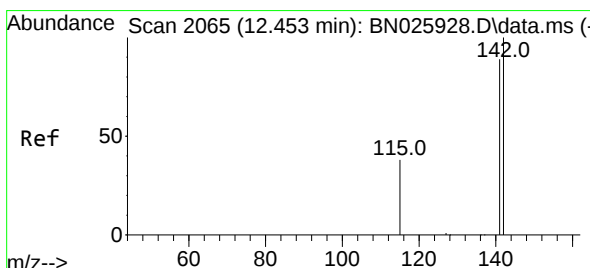
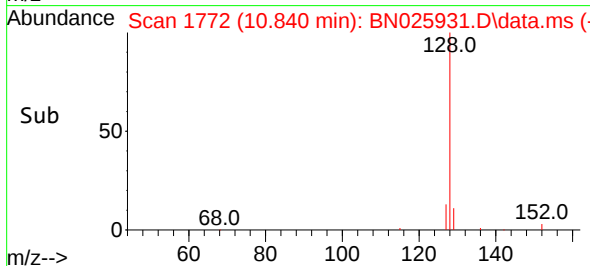
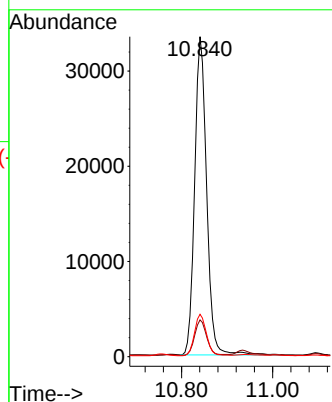
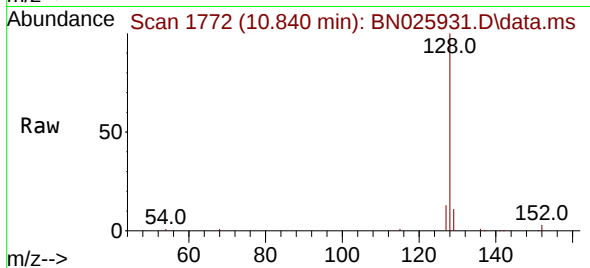
127 13.2 10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.978 ng/ul

RT: 12.452 min Scan# 2065

Delta R.T. -0.001 min

Lab File: BN025931.D

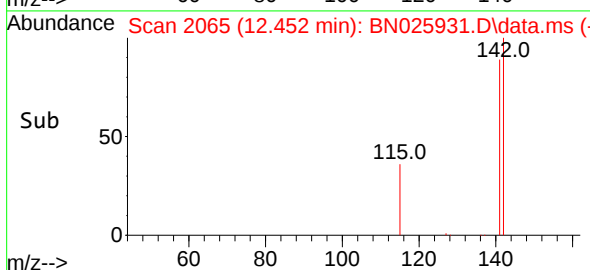
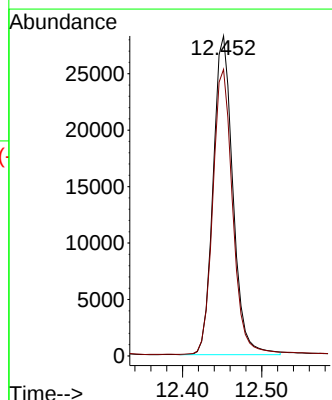
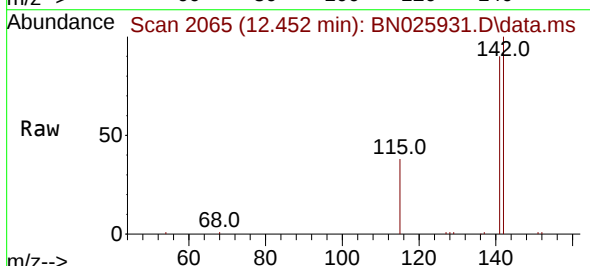
Acq: 22 Jun 2023 11:23

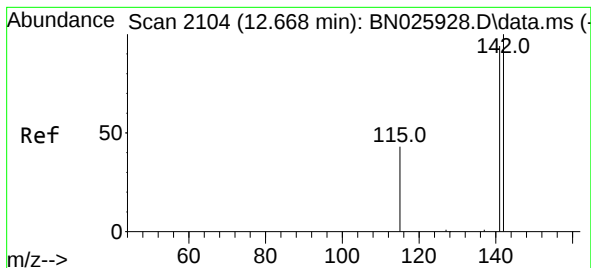
Tgt Ion:142 Resp: 48868

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.856 ng/ul

RT: 12.666 min Scan# 2104

Delta R.T. -0.007 min

Lab File: BN025931.D

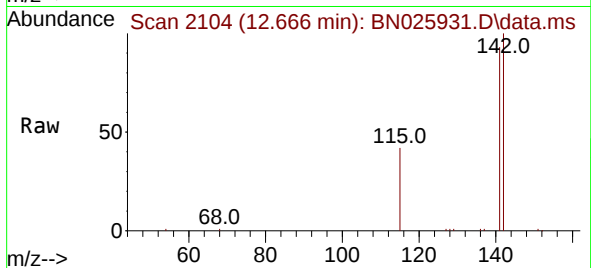
Acq: 22 Jun 2023 11:23

Instrument :

BNA_N

ClientSampleId :

DCFK2



Tgt Ion:142 Resp: 44338

Ion Ratio Lower Upper

142 100

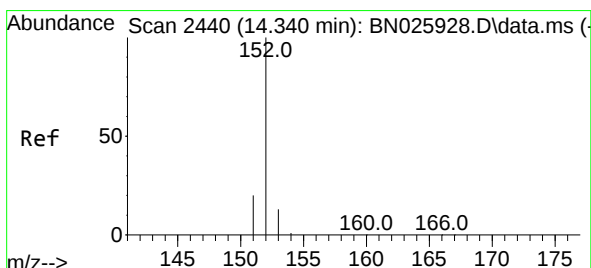
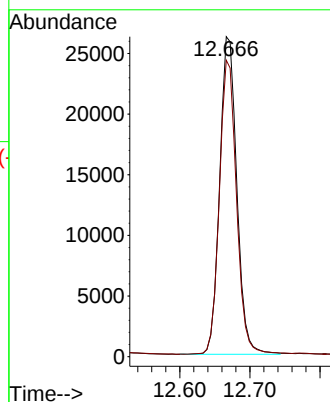
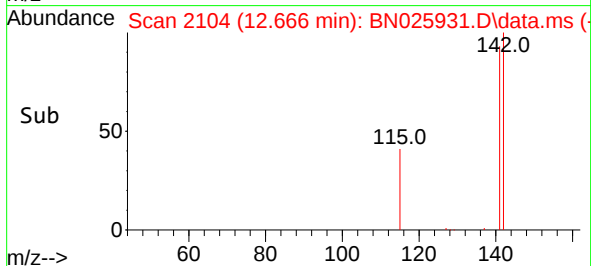
141 92.5 74.2 111.4

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#10

Acenaphthylene

Concen: 1.153 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN025931.D

Acq: 22 Jun 2023 11:23

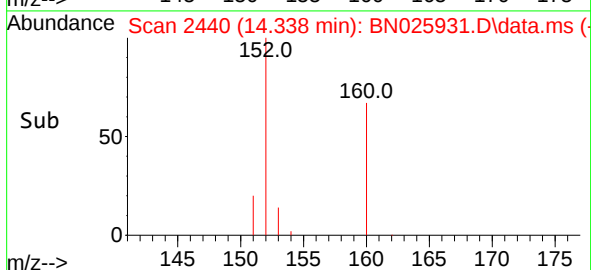
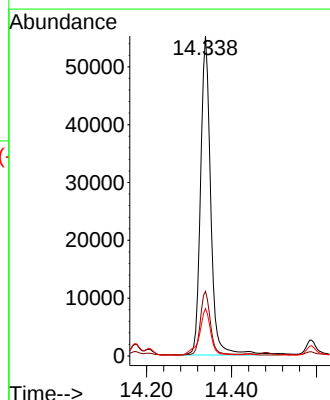
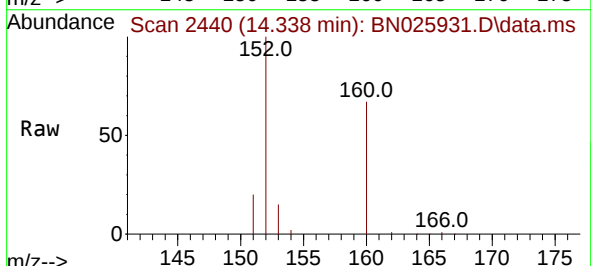
Tgt Ion:152 Resp: 91748

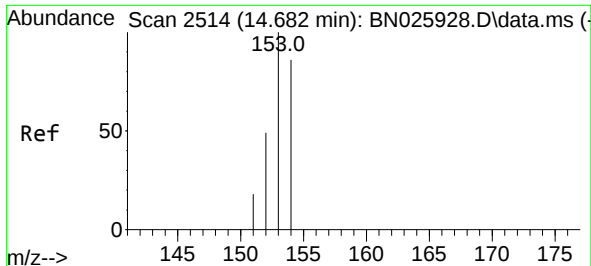
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

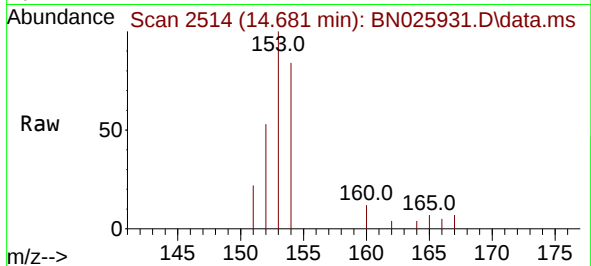
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

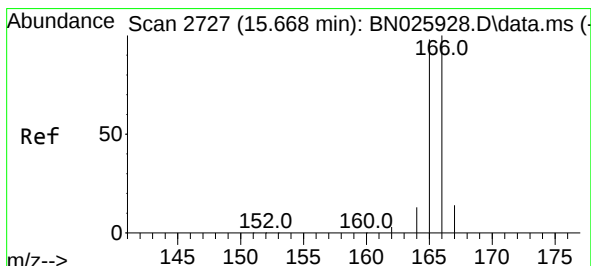
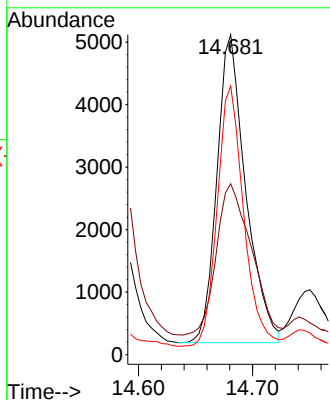
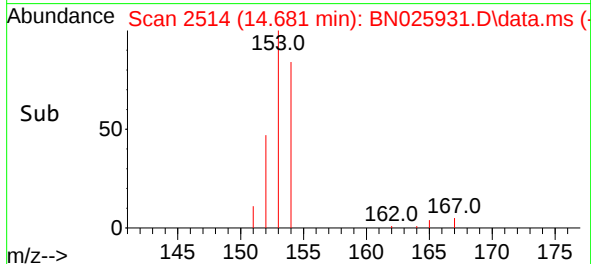
Instrument :
BNA_N
ClientSampleId :
DCFK2



Tgt Ion:153 Resp: 865
Ion Ratio Lower Upper
153 100
152 53.4 39.4 59.0
154 84.0 68.9 103.3

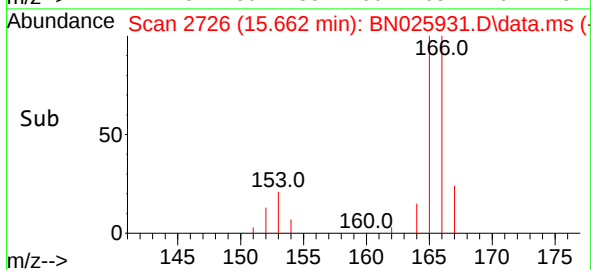
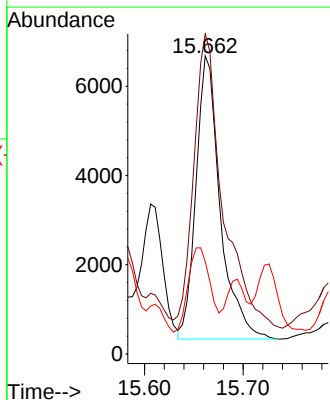
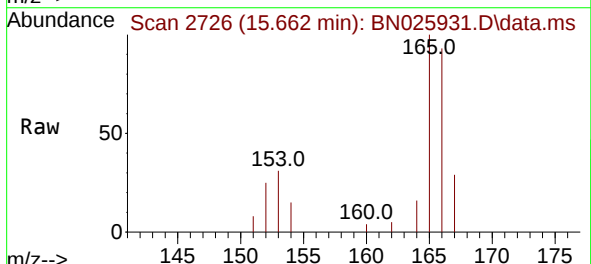
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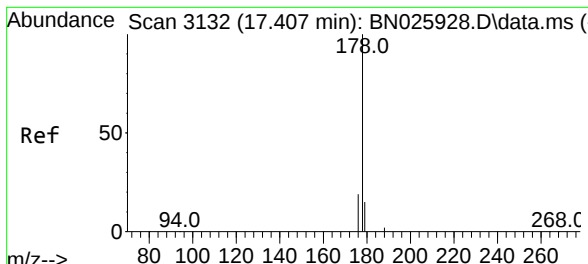
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

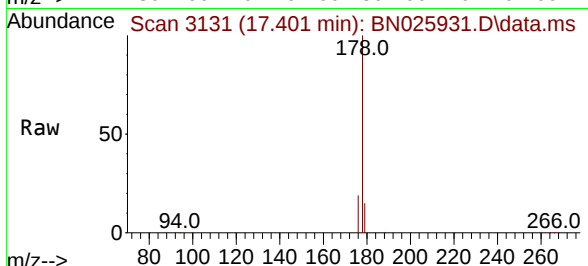
Tgt Ion:166 Resp: 10865
Ion Ratio Lower Upper
166 100
165 107.3 79.9 119.9
167 31.0 10.8 16.2#





#15
 Phenanthrene
 Concen: 3.462 ng/u1
 RT: 17.401 min Scan# 3132
 Delta R.T. -0.005 min
 Lab File: BN025931.D
 Acq: 22 Jun 2023 11:23

Instrument :
 BNA_N
 ClientSampleId :
 DCFK2

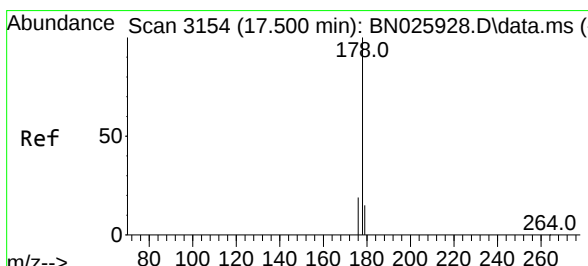
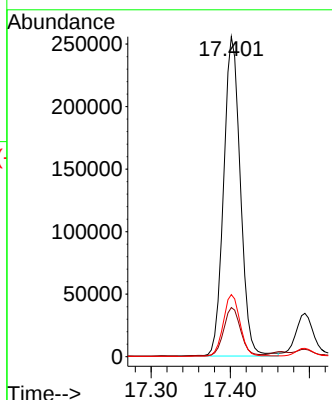
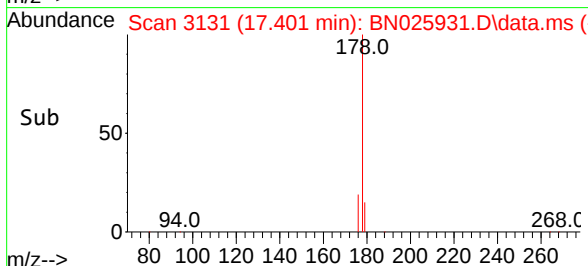


Tgt Ion:178 Resp: 375020

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.4	15.8	23.6

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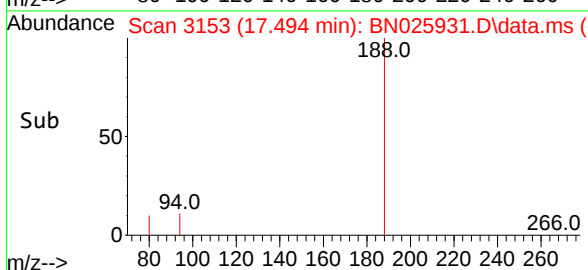
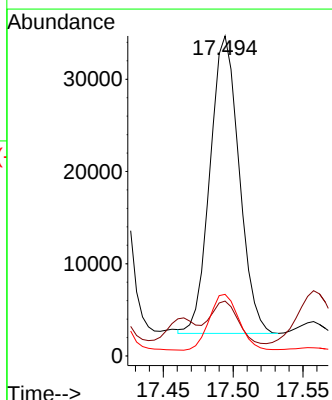
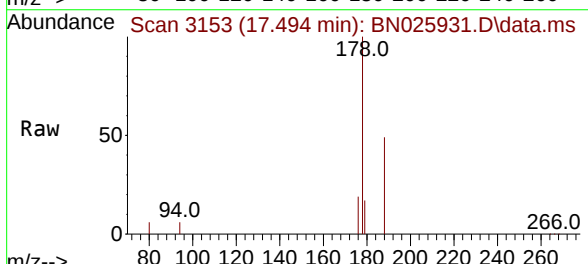
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

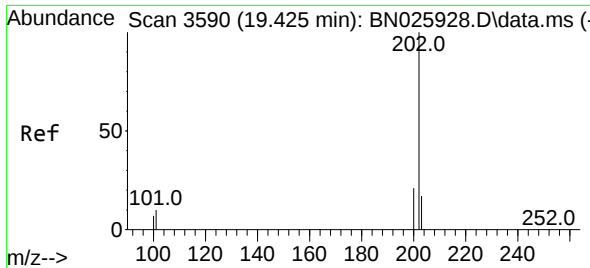


#16
 Anthracene
 Concen: 0.485 ng/u1
 RT: 17.494 min Scan# 3153
 Delta R.T. -0.005 min
 Lab File: BN025931.D
 Acq: 22 Jun 2023 11:23

Tgt Ion:178 Resp: 46717

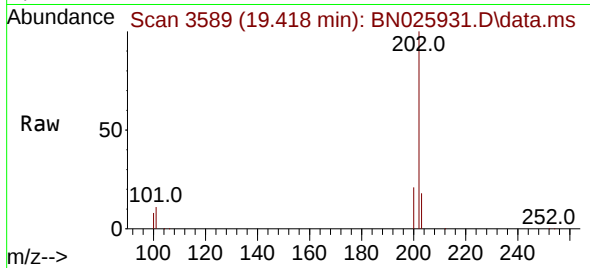
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	18.8
176	19.3	15.1	22.7





#19
Fluoranthene
Concen: 9.045 ng/u1
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

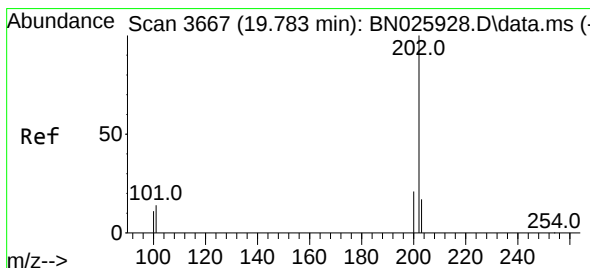
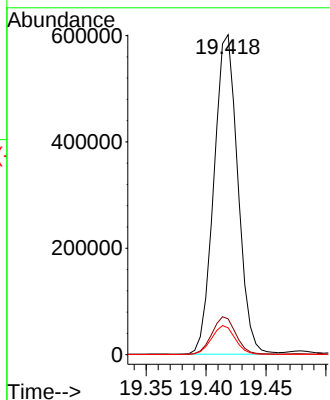
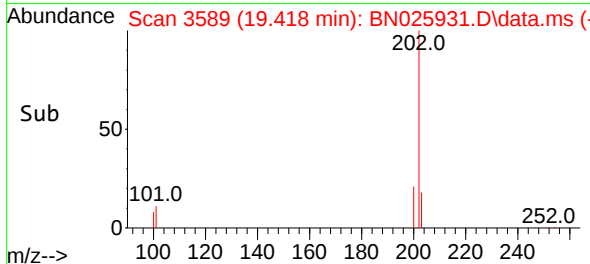
Instrument :
BNA_N
ClientSampleId :
DCFK2



Tgt Ion:202 Resp: 833678
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.4 7.3 10.9

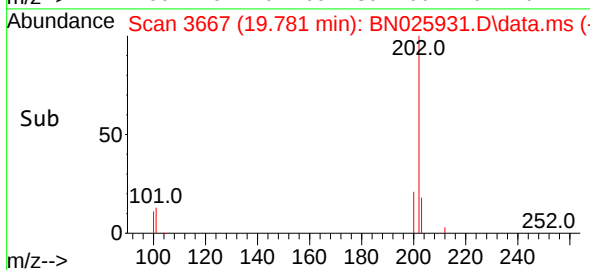
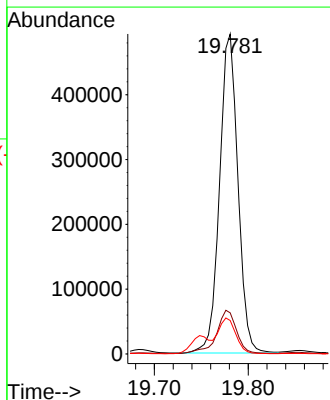
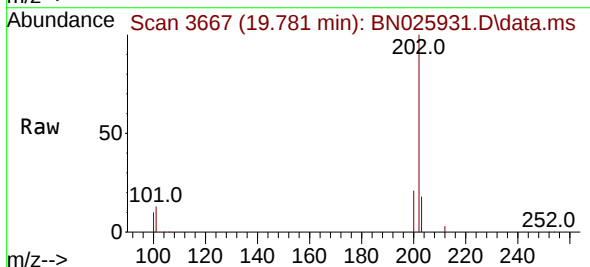
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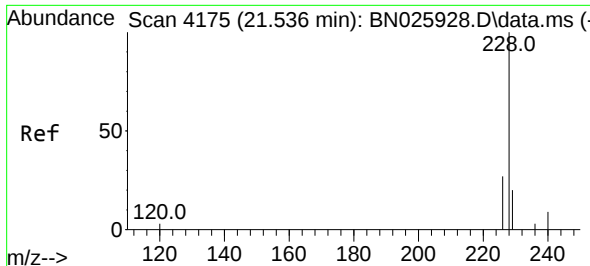
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 6.990 ng/u1
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

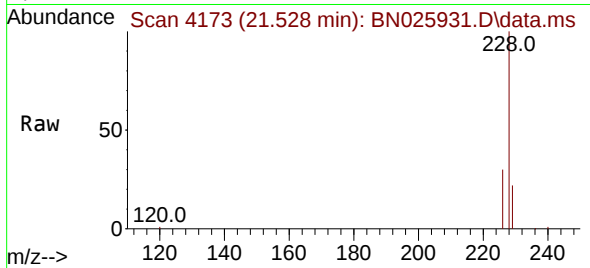
Tgt Ion:202 Resp: 670057
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.245 ng/ul
RT: 21.528 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

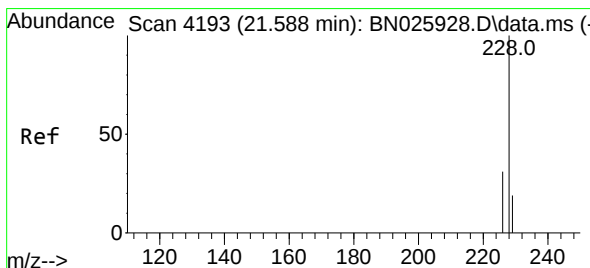
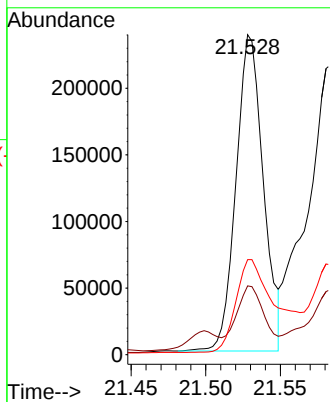
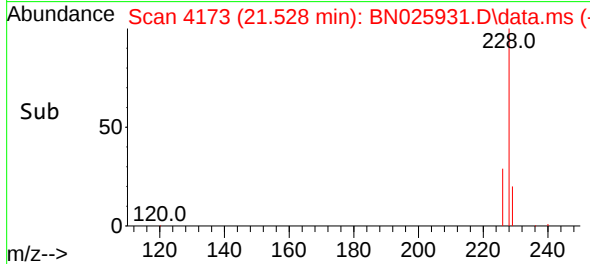
Instrument :
BNA_N
ClientSampleId :
DCFK2



Tgt Ion:228 Resp: 302210
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.7 22.5 33.7

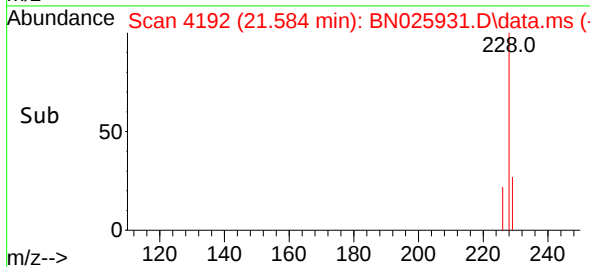
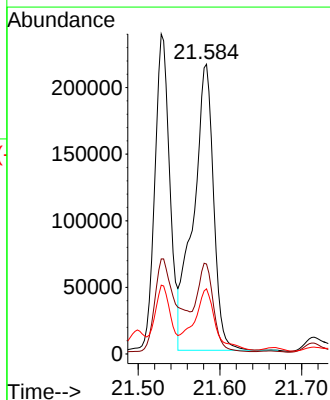
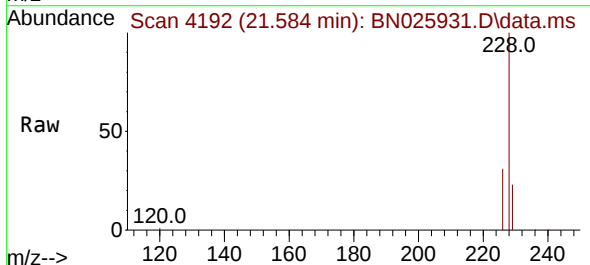
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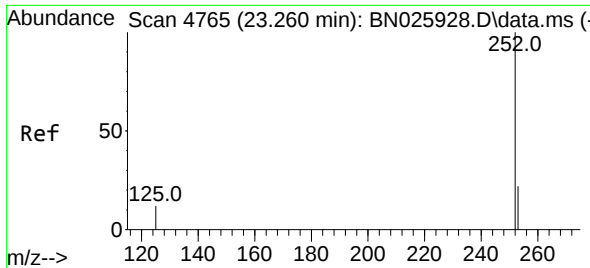
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 4.983 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

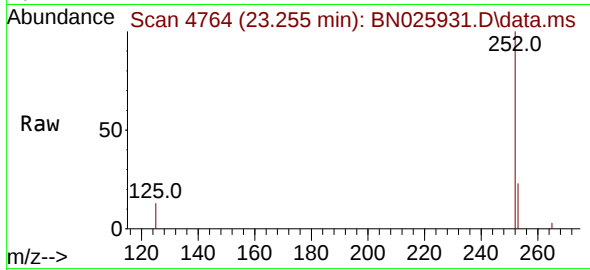
Tgt Ion:228 Resp: 369120
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.677 ng/ul m
RT: 23.255 min Scan# 4764
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

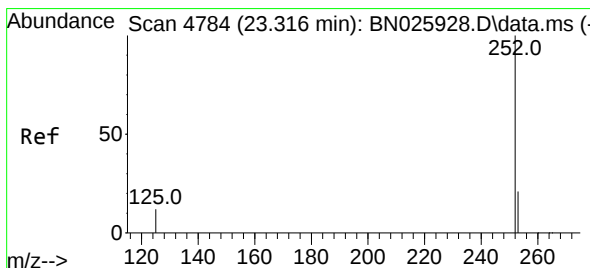
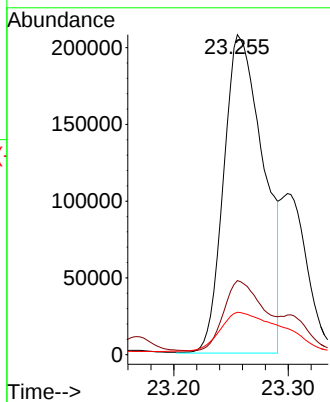
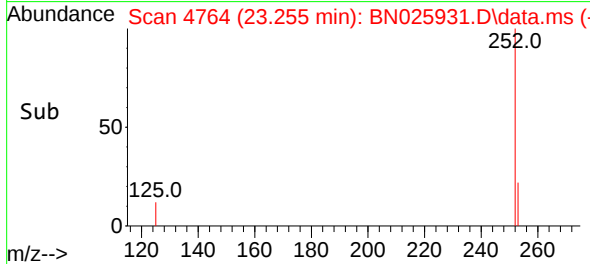
Instrument :
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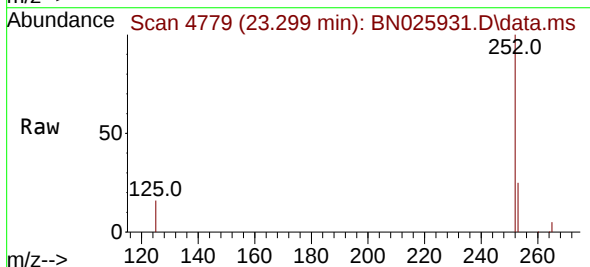
Tgt Ion:252 Resp: 500528
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 13.3 0.0 35.8

Manual Integrations
APPROVED

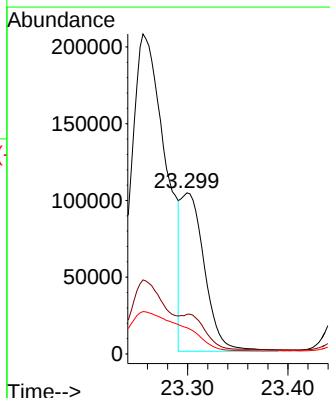
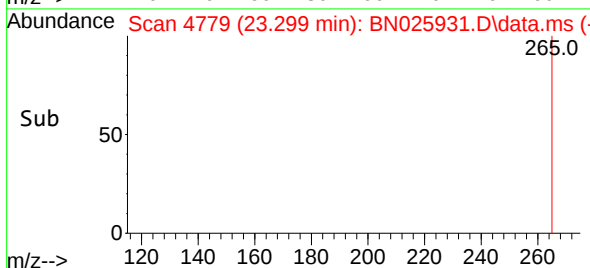
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

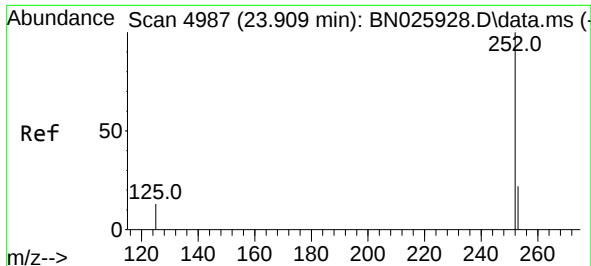


#25
Benzo(k)fluoranthene
Concen: 2.593 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.010 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23



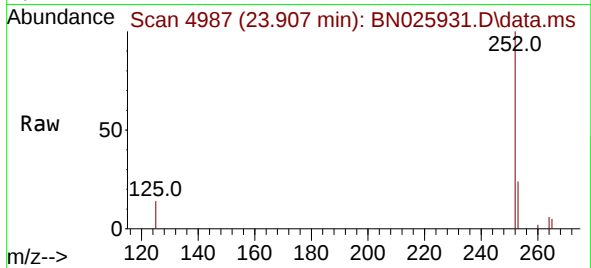
Tgt Ion:252 Resp: 169777
Ion Ratio Lower Upper
252 100
253 24.6 23.2 34.8
125 16.3 15.0 22.4





#26
Benzo(a)pyrene
Concen: 4.967 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

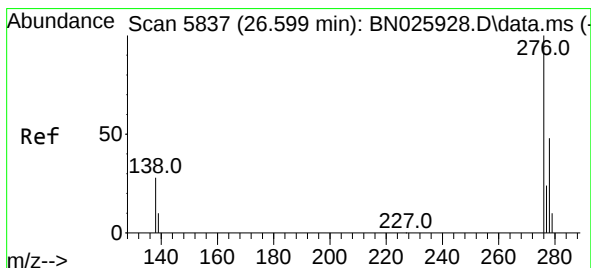
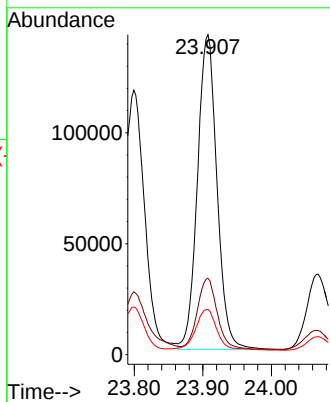
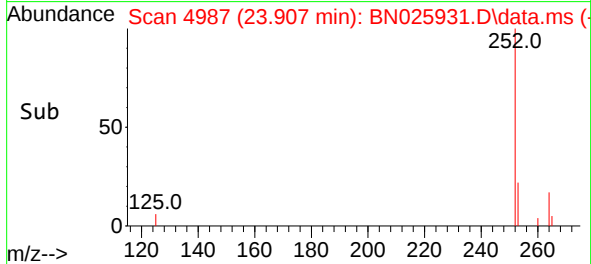
Instrument :
BNA_N
ClientSampleId :
DCFK2



Tgt Ion:252 Resp: 28129
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0
125 14.2 17.3 25.9

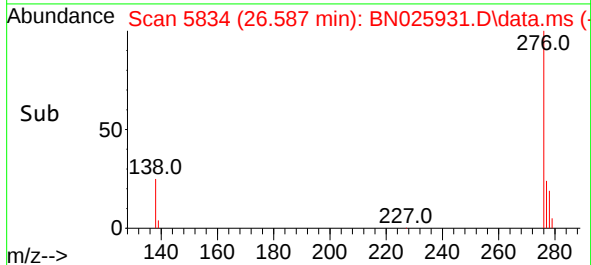
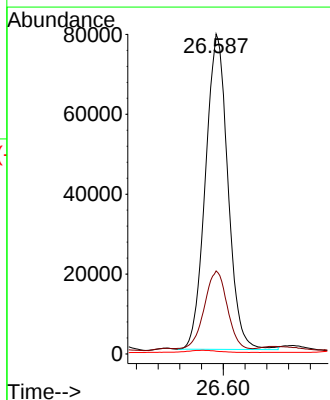
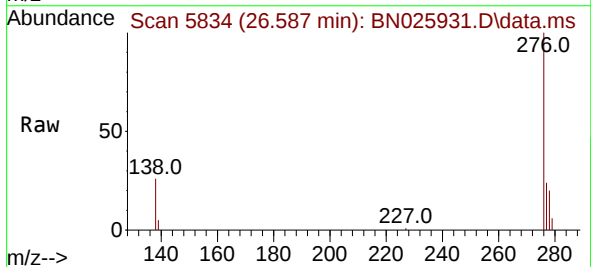
Manual Integrations
APPROVED

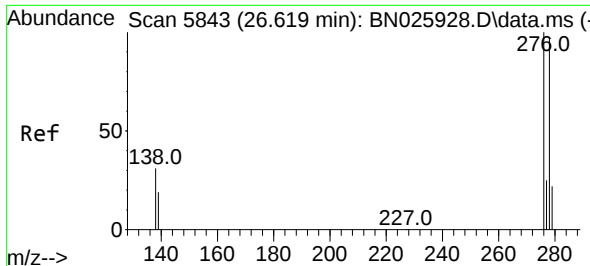
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.660 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.008 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

Tgt Ion:276 Resp: 226358
Ion Ratio Lower Upper
276 100
138 26.2 24.5 36.7
227 0.0 0.0 0.0





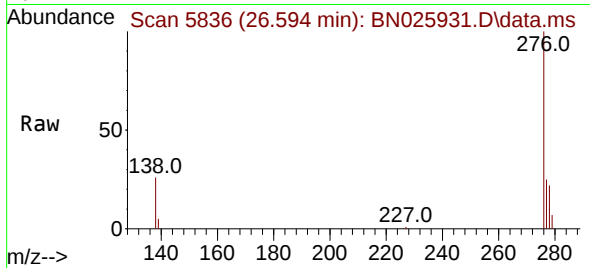
#28
Dibenzo(a,h)anthracene
Concen: 1.158 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.028 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23

Instrument :

BNA_N

ClientSampleId :

DCFK2



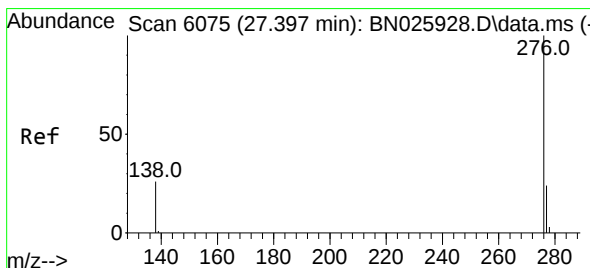
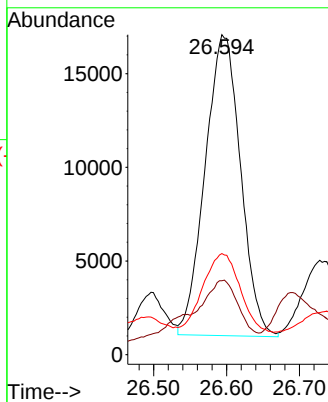
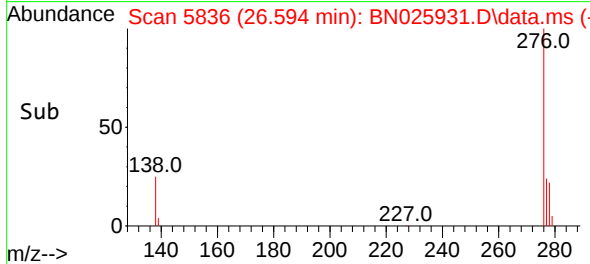
Tgt Ion:278 Resp: 5420
Ion Ratio Lower Upper
278 100
139 23.1 19.0 28.4
279 31.6 26.7 40.1

Manual Integrations

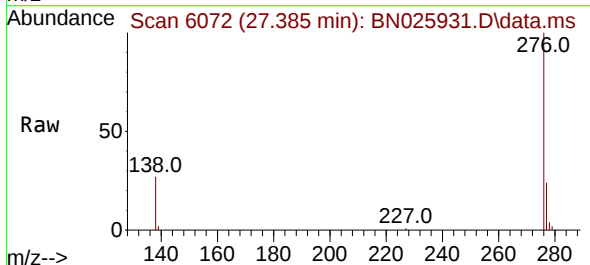
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 3.959 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN025931.D
Acq: 22 Jun 2023 11:23



Tgt Ion:276 Resp: 217816
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.0
277 24.3 20.0 30.0

