

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025952.D
 Acq On : 23 Jun 2023 00:00
 Operator : MA/JU
 Sample : 03083-02DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK0DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:05:48 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	9124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	28872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17400	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	37754	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	25020	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	19104	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4515	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	1392	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	3435	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	10284	0.124	ng/ul	98
7) 2-Methylnaphthalene	12.457	142	5386	0.102	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	4379	0.080	ng/ul	100
10) Acenaphthylene	14.338	152	13308	0.163	ng/ul	98
11) Acenaphthene	14.681	153	6697	0.100	ng/ul	98
12) Fluorene	15.666	166	7341	0.096	ng/ul#	98
15) Phenanthrene	17.401	178	137036	1.099	ng/ul	99
16) Anthracene	17.494	178	25792	0.233	ng/ul	97
19) Fluoranthene	19.418	202	245025	1.834	ng/ul	97
20) Pyrene	19.776	202	200959	1.446	ng/ul	99
21) Benzo(a)anthracene	21.528	228	88954	0.862	ng/ul	98
22) Chrysene	21.580	228	96448	0.898	ng/ul	97
24) Benzo(b)fluoranthene	23.258	252	115881m	1.421	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	38845m	0.474	ng/ul	
26) Benzo(a)pyrene	23.904	252	66614	0.941	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.590	276	48283	0.624	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.593	278	11253	0.192	ng/ul#	90
29) Benzo(g,h,i)perylene	27.392	276	46621	0.678	ng/ul	96

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

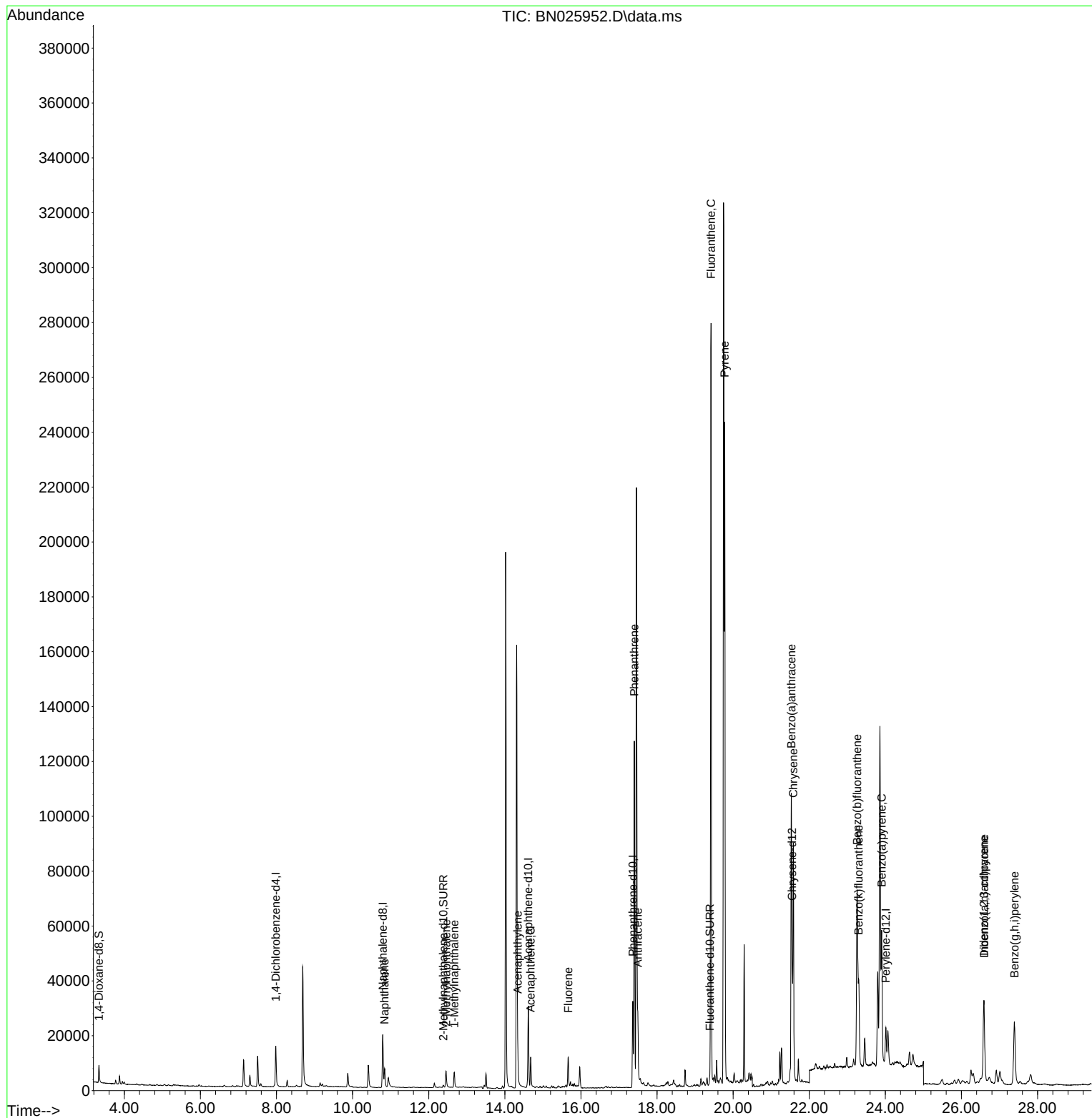
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025952.D
Acq On : 23 Jun 2023 00:00
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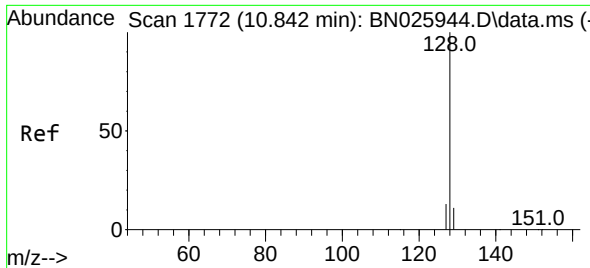
Instrument :
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Quant Time: Jun 23 01:05:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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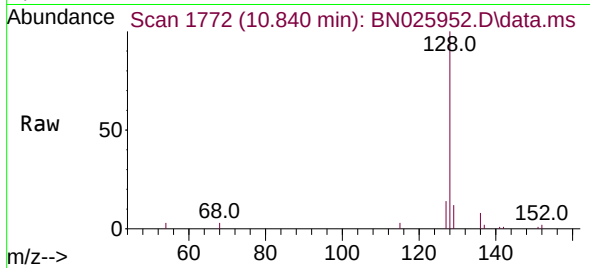
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

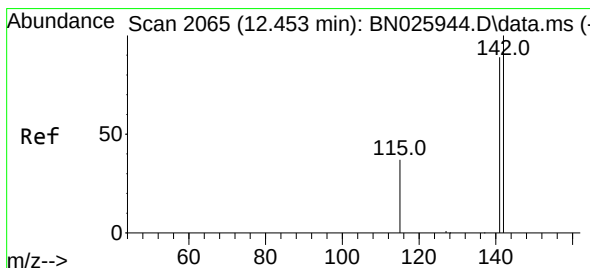
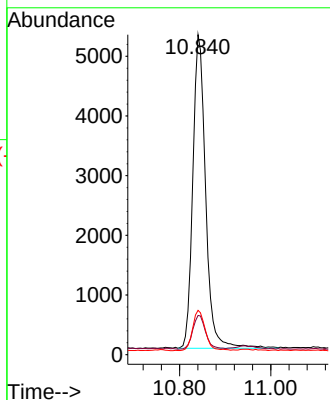
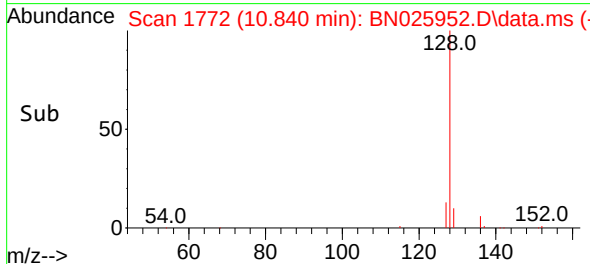
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



Tgt Ion:128 Resp: 10284
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.8 10.7 16.1

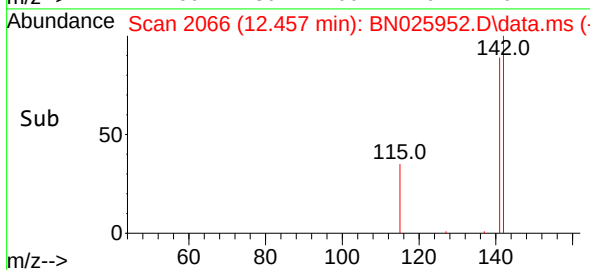
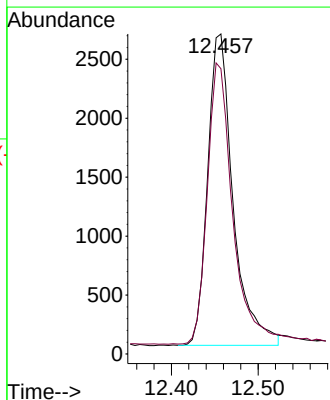
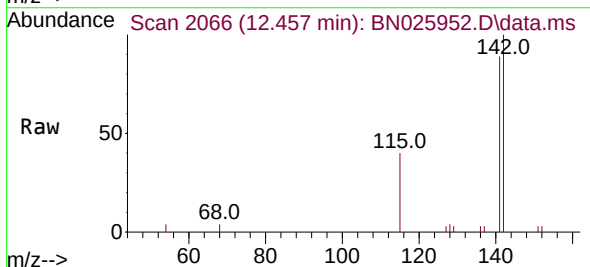
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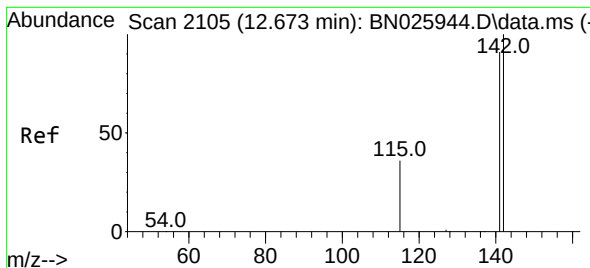
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.457 min Scan# 2066
Delta R.T. 0.004 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

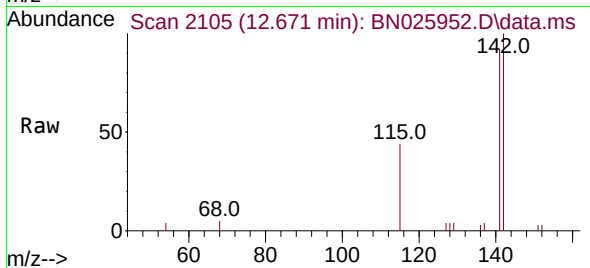
Tgt Ion:142 Resp: 5386
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

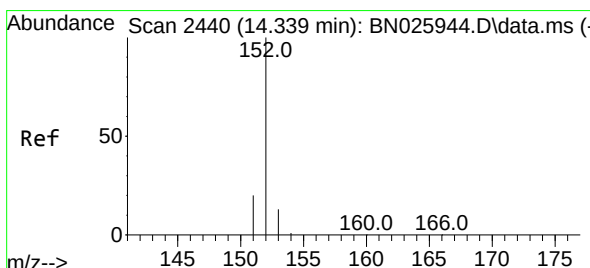
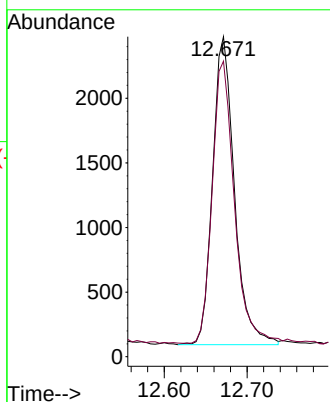
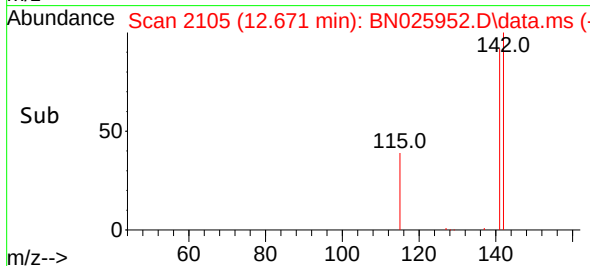
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



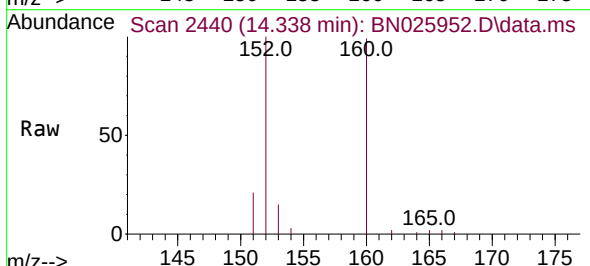
Tgt Ion:142 Resp: 4379
Ion Ratio Lower Upper
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141 92.7 74.2 111.4

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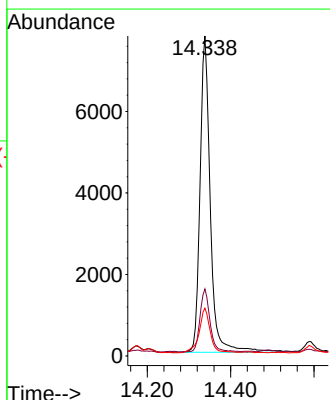
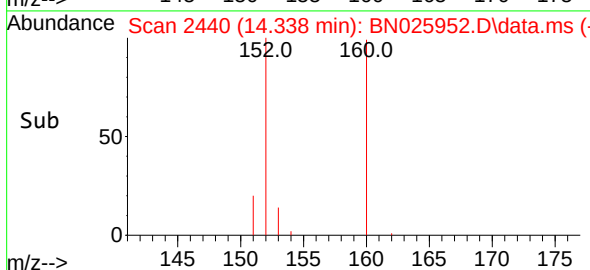
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

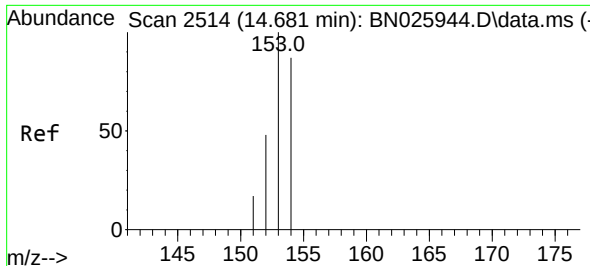


#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00



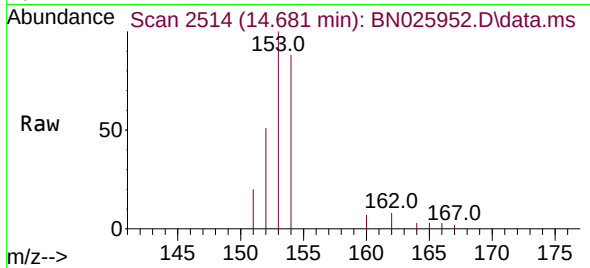
Tgt Ion:152 Resp: 13308
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.001 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

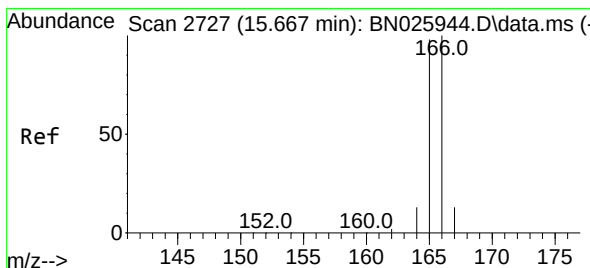
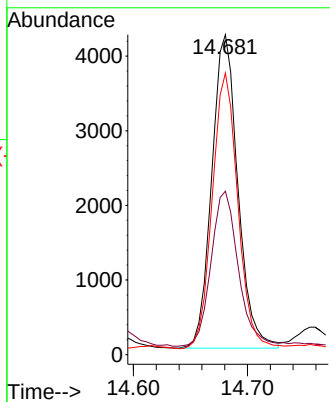
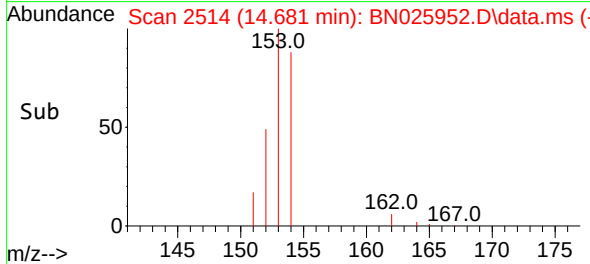
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



Tgt Ion:153 Resp: 669
Ion Ratio Lower Upper
153 100
152 51.1 39.4 59.0
154 88.0 68.9 103.3

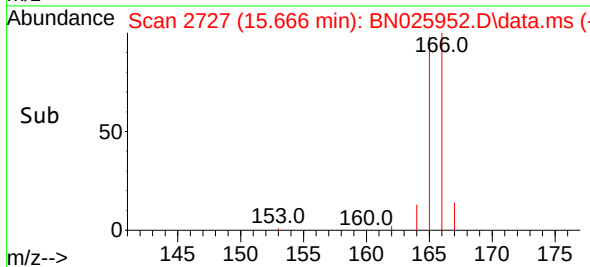
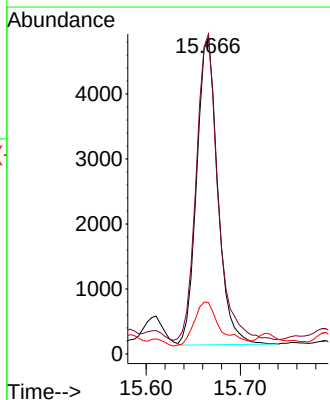
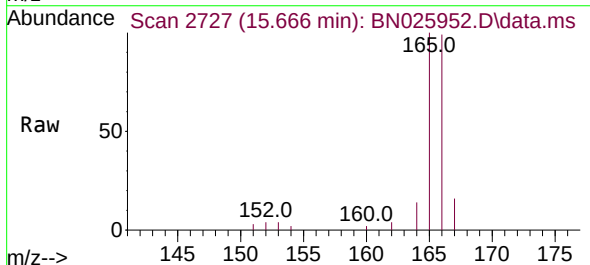
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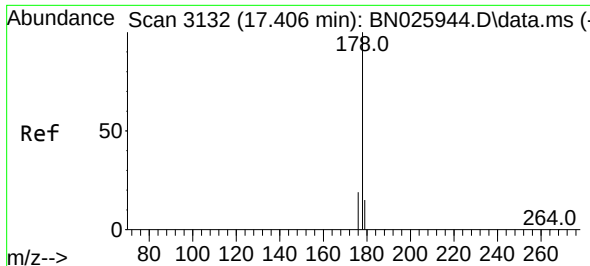
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.666 min Scan# 2727
Delta R.T. -0.001 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

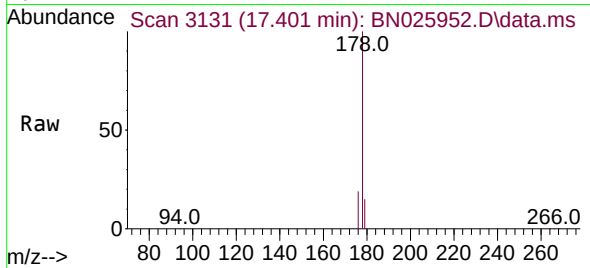
Tgt Ion:166 Resp: 7341
Ion Ratio Lower Upper
166 100
165 101.0 79.9 119.9
167 16.3 10.8 16.2#





#15
Phenanthrene
Concen: 1.099 ng/u1
RT: 17.401 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

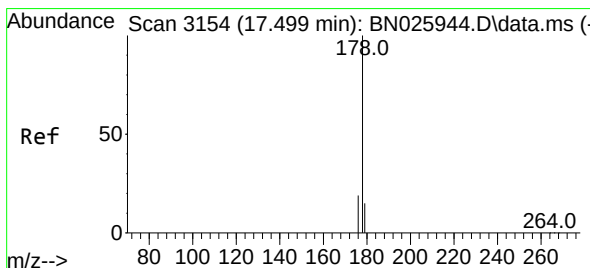
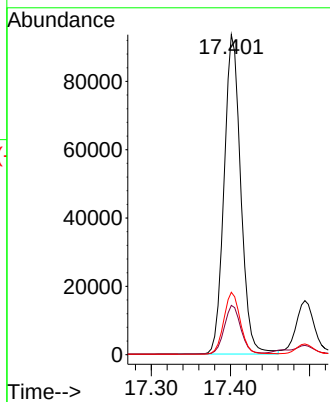
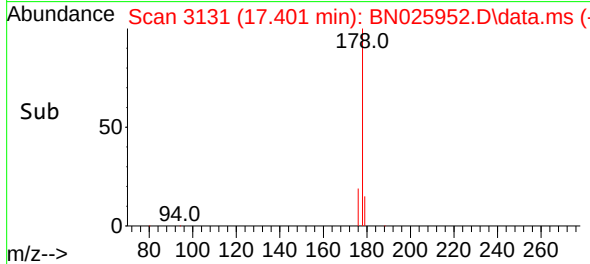
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



Tgt Ion:178 Resp: 137030
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6

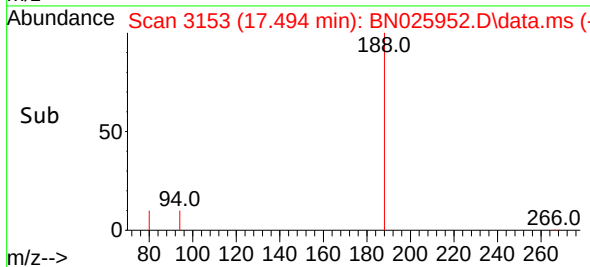
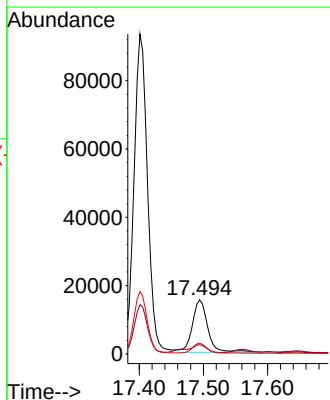
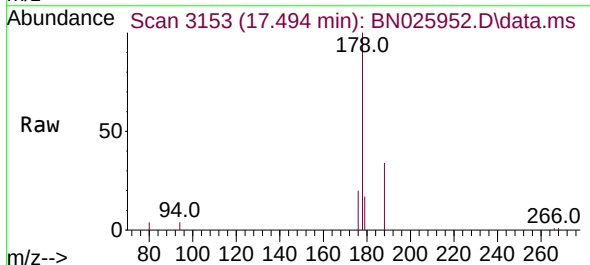
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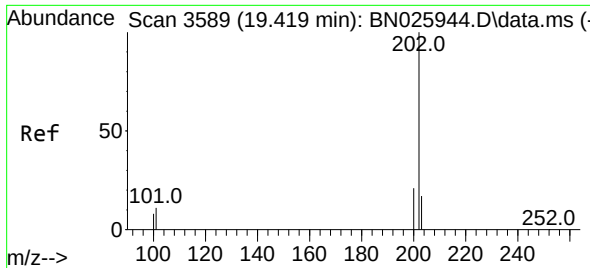
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.233 ng/u1
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

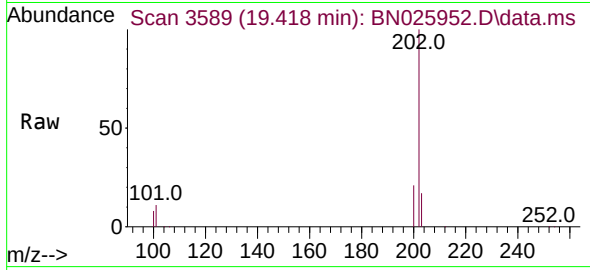
Tgt Ion:178 Resp: 25792
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 1.834 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

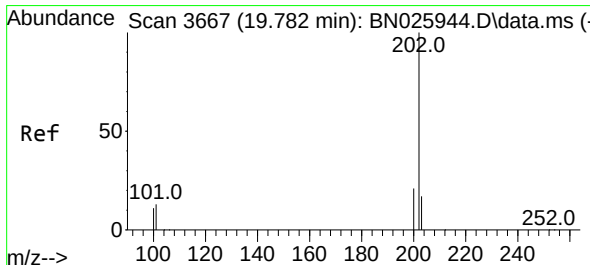
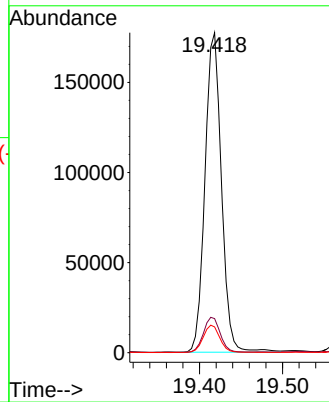
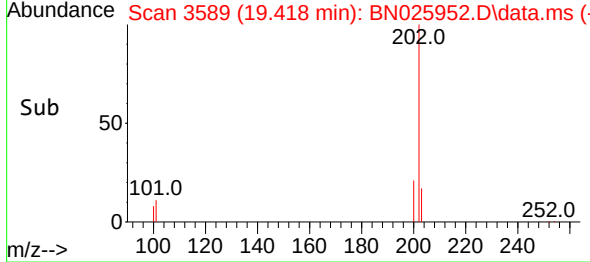
Instrument :
BNA_N
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DCFK0DL



Tgt Ion:202 Resp: 245025
Ion Ratio Lower Upper
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101 10.7 9.5 14.3
100 8.1 7.3 10.9

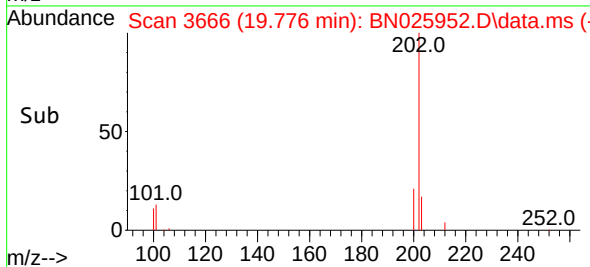
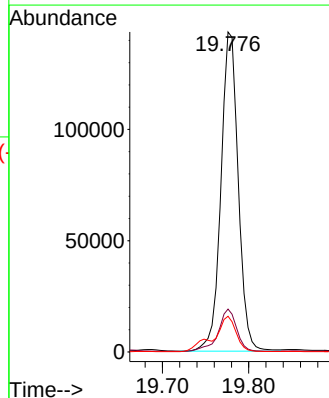
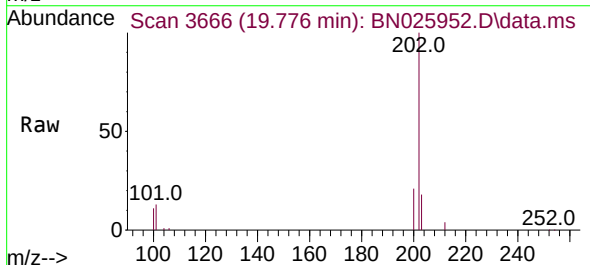
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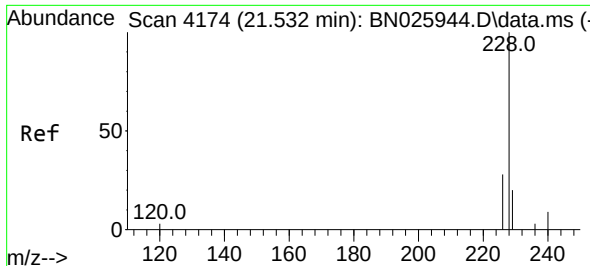
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 1.446 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

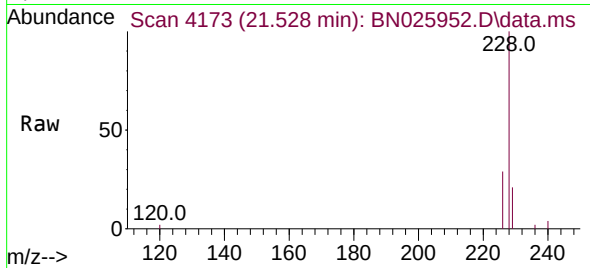
Tgt Ion:202 Resp: 200959
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.862 ng/u1
RT: 21.528 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

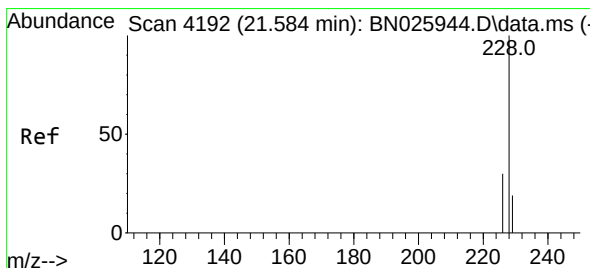
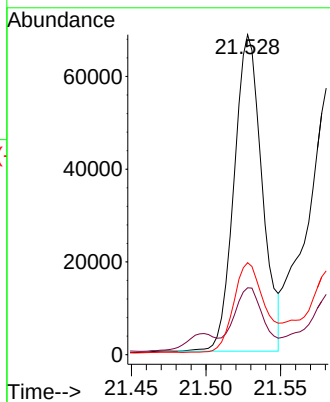
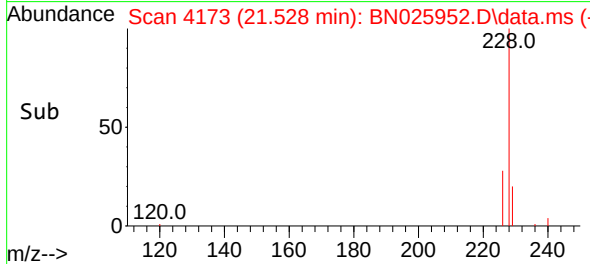
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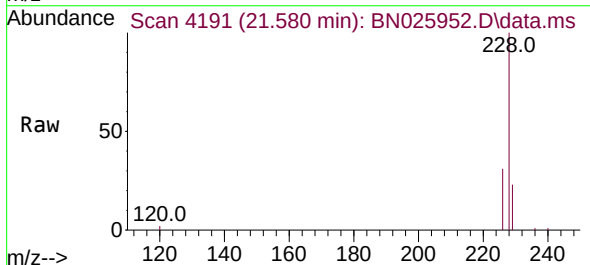
Tgt Ion:228 Resp: 88954
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.8 22.5 33.7

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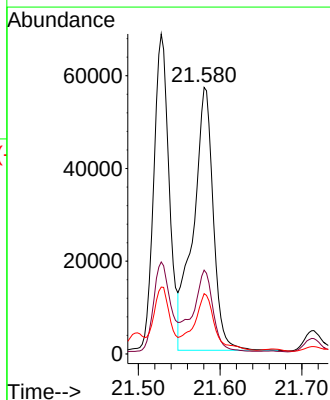
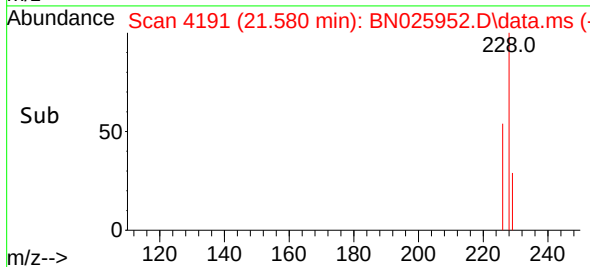
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

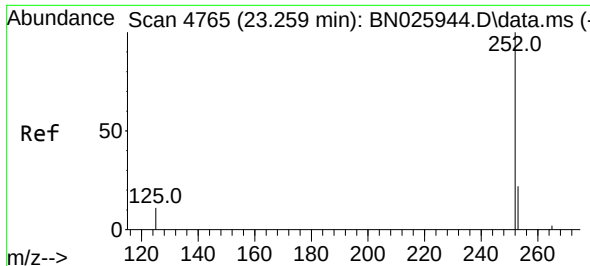


#22
Chrysene
Concen: 0.898 ng/u1
RT: 21.580 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00



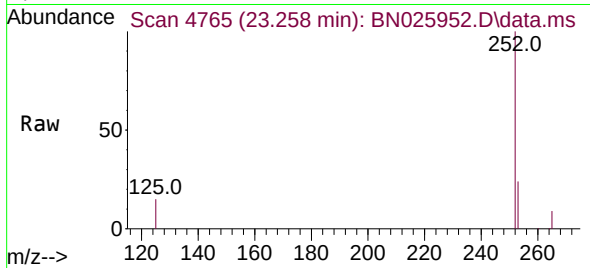
Tgt Ion:228 Resp: 96448
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.421 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. 0.002 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

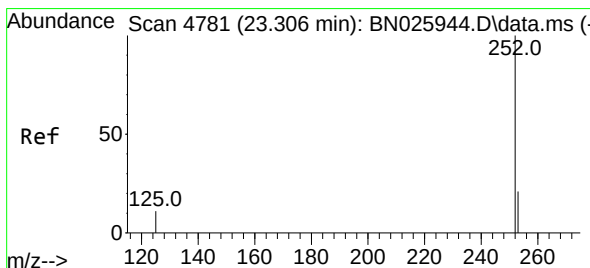
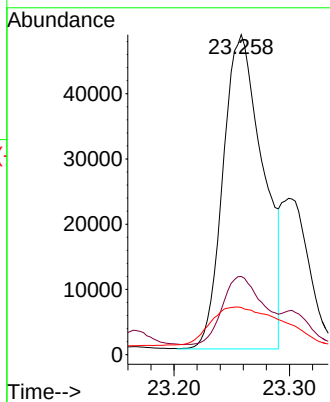
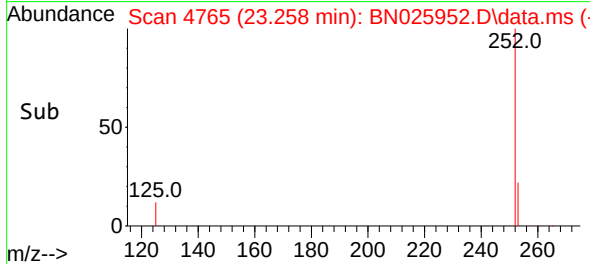
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



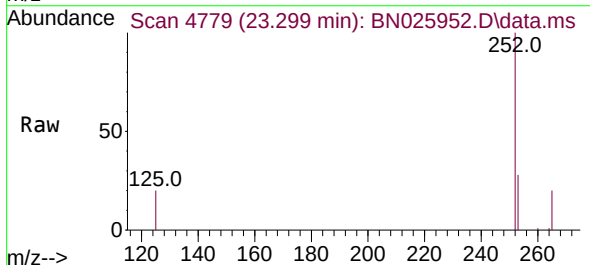
Tgt Ion:252 Resp: 11588
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.7 0.0 35.8

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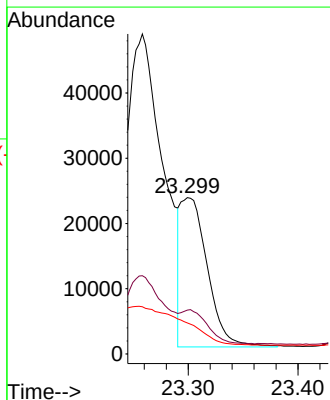
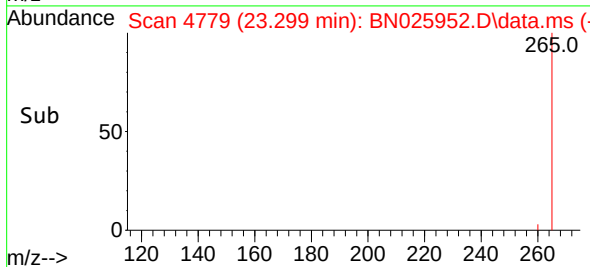
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

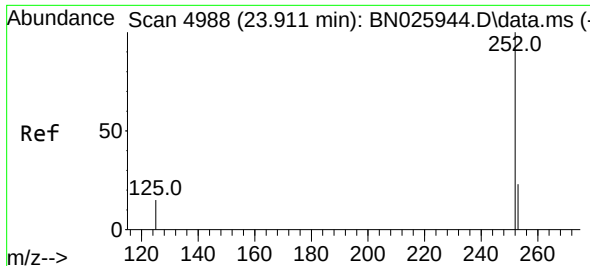


#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.010 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00



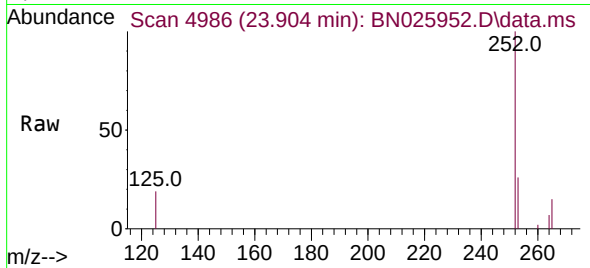
Tgt Ion:252 Resp: 38845
Ion Ratio Lower Upper
252 100
253 28.1 23.2 34.8
125 19.9 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.941 ng/ul
RT: 23.904 min Scan# 4986
Delta R.T. -0.004 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

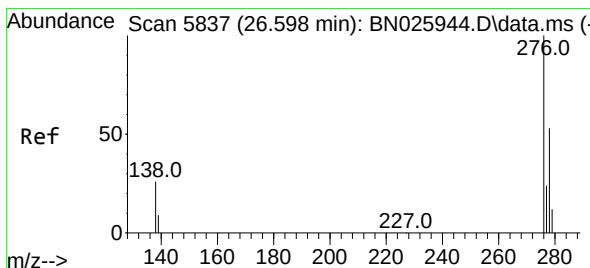
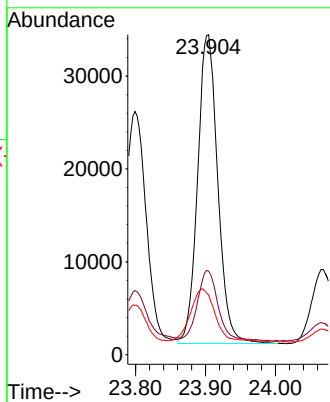
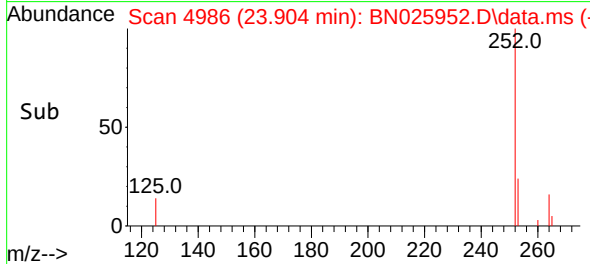
Instrument :
BNA_N
ClientSampleId :
DCFK0DL



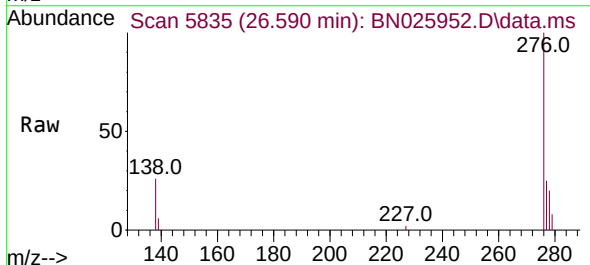
Tgt Ion:252 Resp: 66614
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 18.6 17.3 25.9

Manual Integrations
APPROVED

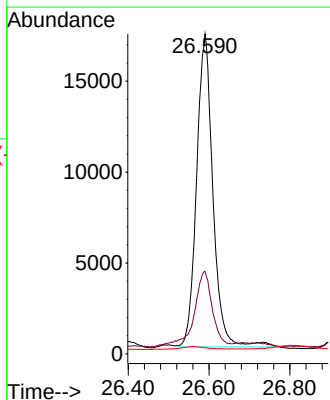
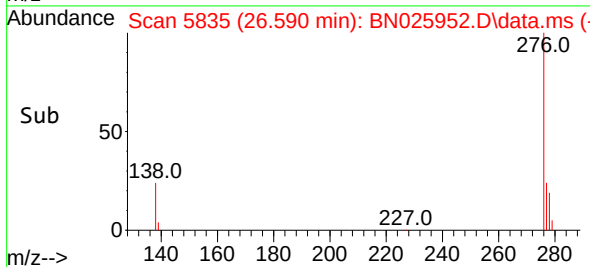
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

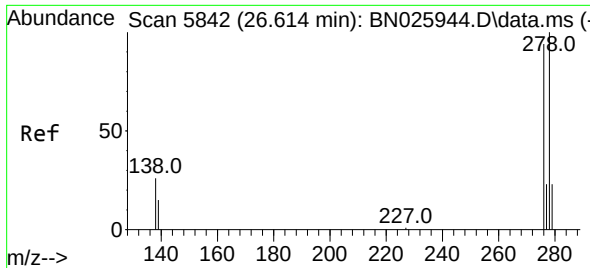


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.624 ng/ul
RT: 26.590 min Scan# 5835
Delta R.T. -0.004 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00



Tgt Ion:276 Resp: 48283
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.0 0.0 0.0





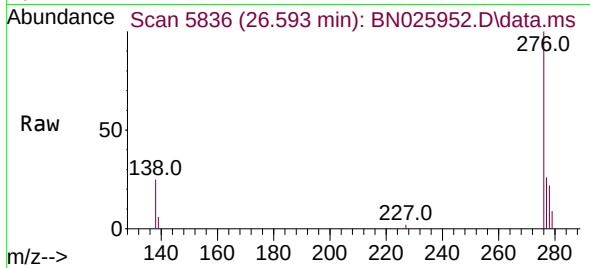
#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 26.593 min Scan# 5836
Delta R.T. -0.028 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00

Instrument :

BNA_N

ClientSampleId :

DCFK0DL

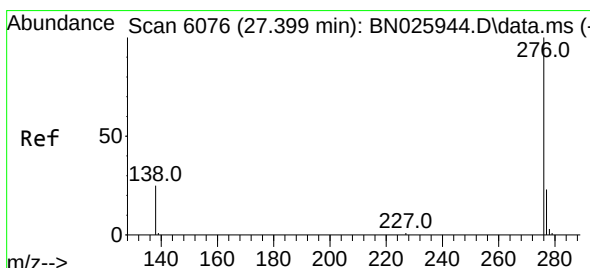
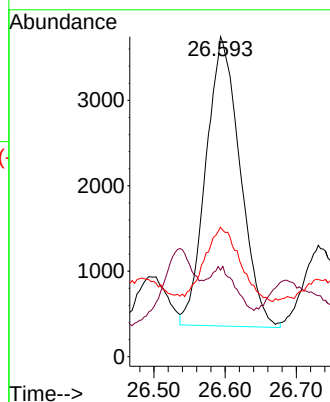
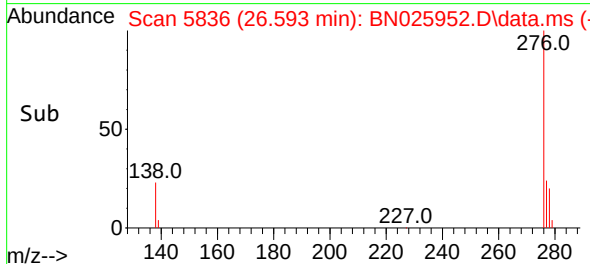


Tgt Ion: 278 Resp: 1125
Ion Ratio Lower Upper
278 100
139 27.0 19.0 28.4
279 40.5 26.7 40.1

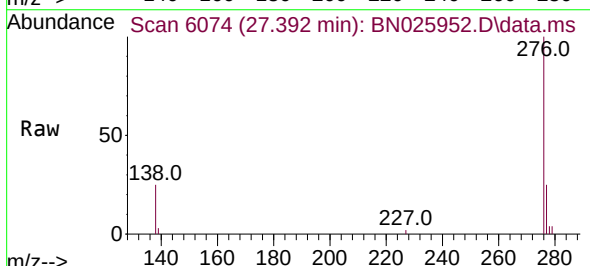
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.678 ng/ul
RT: 27.392 min Scan# 6074
Delta R.T. 0.006 min
Lab File: BN025952.D
Acq: 23 Jun 2023 00:00



Tgt Ion: 276 Resp: 46621
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 24.9 20.0 30.0

