

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025170.D
 Acq On : 27 Apr 2023 10:37
 Operator : CG/JU
 Sample : 02418-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:19:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7010	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	22034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	13519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	30415	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	24830	0.400	ng/ul	0.00
23) Perylene-d12	23.931	264	21109	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	10308	1.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	3761	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	9274	0.142	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	5204	0.092	ng/ul#	95
7) 2-Methylnaphthalene	12.392	142	5409	0.156	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	3499	0.095	ng/ul	100
10) Acenaphthylene	14.279	152	1672	0.033	ng/ul#	75
11) Acenaphthene	14.621	153	1460	0.034	ng/ul	98
12) Fluorene	15.606	166	2367	0.050	ng/ul#	91
15) Phenanthrene	17.347	178	19548	0.228	ng/ul	99
16) Anthracene	17.440	178	11965	0.170	ng/ul	98
19) Fluoranthene	19.367	202	43557	0.485	ng/ul	99
20) Pyrene	19.730	202	10681	0.116	ng/ul	95
21) Benzo(a)anthracene	21.487	228	15673	0.209	ng/ul	97
22) Chrysene	21.543	228	25663	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.191	252	19574m	0.229	ng/ul	
25) Benzo(k)fluoranthene	23.238	252	6982m	0.085	ng/ul	

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

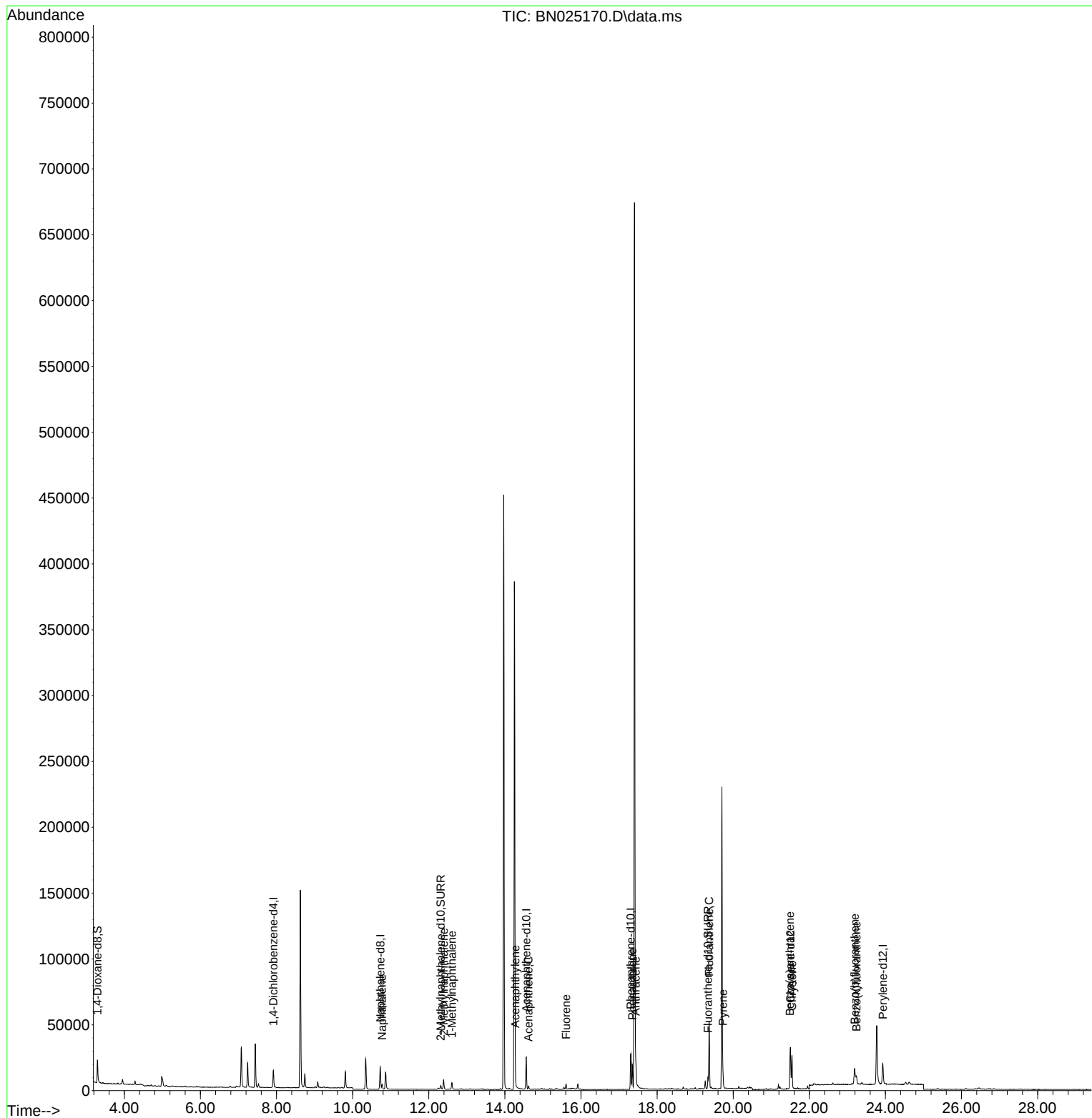
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025170.D
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Operator : CG/JU
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ALS Vial : 5 Sample Multiplier: 1

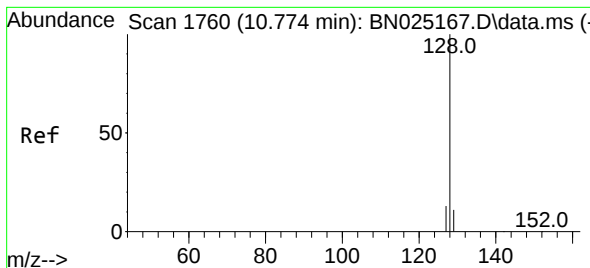
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Quant Time: Apr 28 01:19:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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#5

Naphthalene

Concen: 0.092 ng/ul

RT: 10.776 min Scan# 11

Delta R.T. 0.001 min

Lab File: BN025170.D

Acq: 27 Apr 2023 10:37

Instrument :

BNA_N

ClientSampleId :

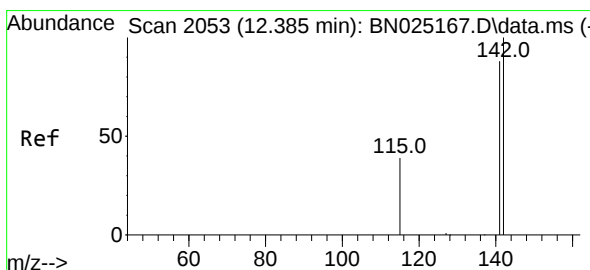
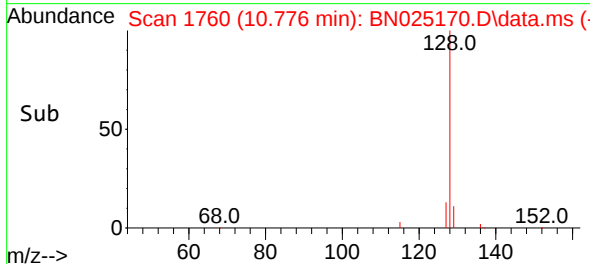
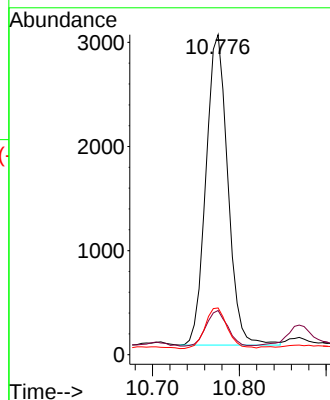
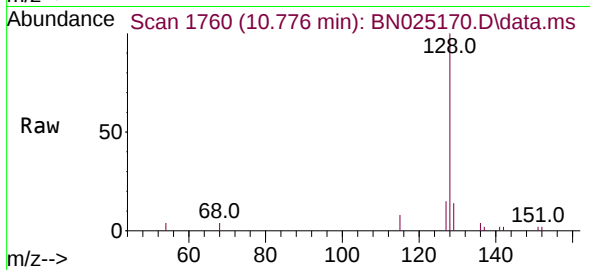
EW8Z4

Tgt Ion:128	Resp:	5204
Ion Ratio	Lower	Upper
128	100	
129	13.8	9.0 13.6
127	14.6	10.7 16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.156 ng/ul

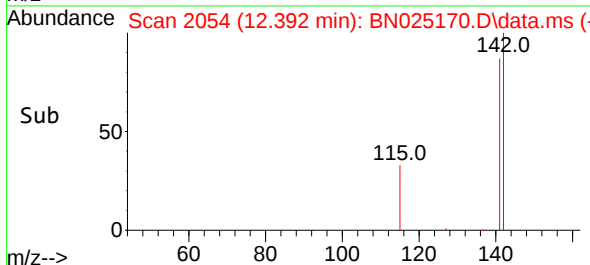
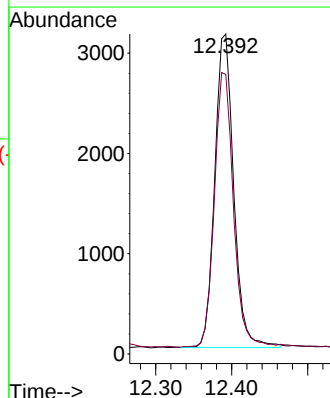
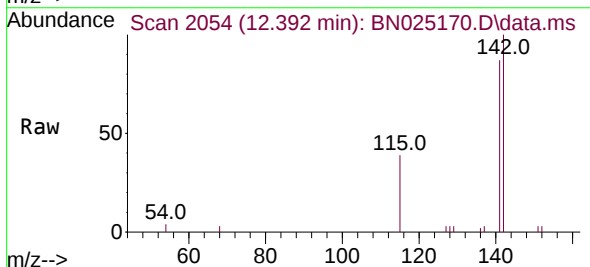
RT: 12.392 min Scan# 2054

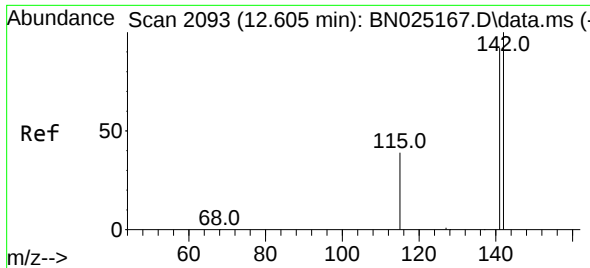
Delta R.T. 0.007 min

Lab File: BN025170.D

Acq: 27 Apr 2023 10:37

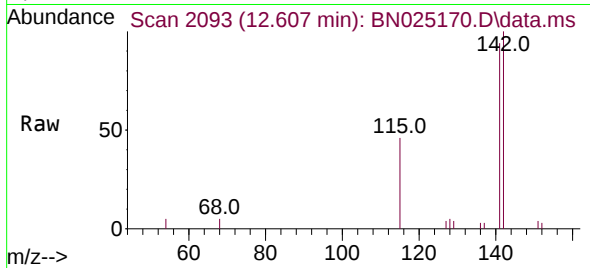
Tgt Ion:142	Resp:	5409
Ion Ratio	Lower	Upper
142	100	
141	88.1	71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

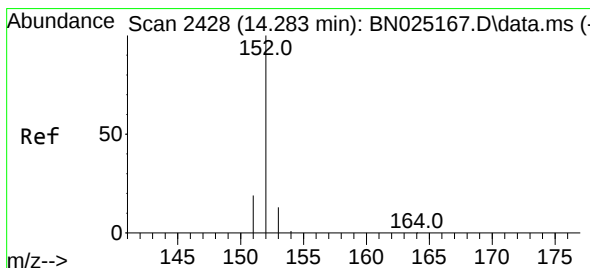
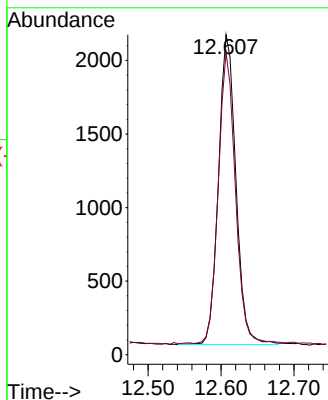
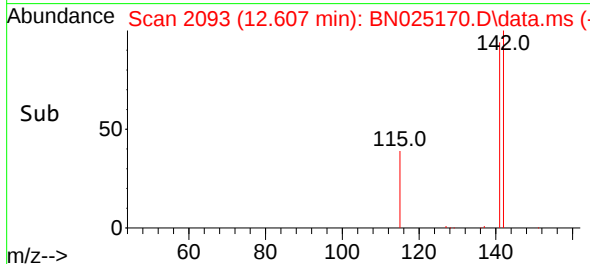
Instrument :
BNA_N
ClientSampleId :
EW8Z4



Tgt Ion:142 Resp: 3498
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

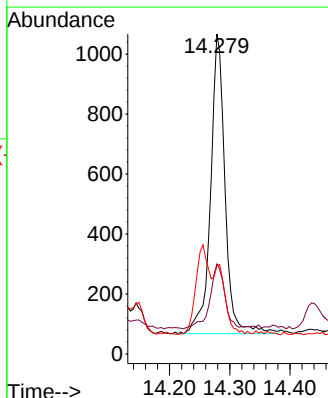
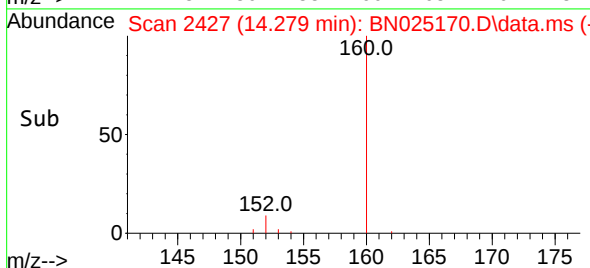
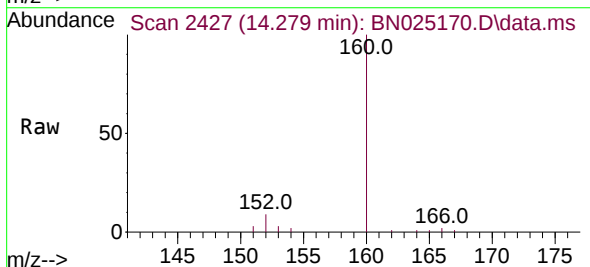
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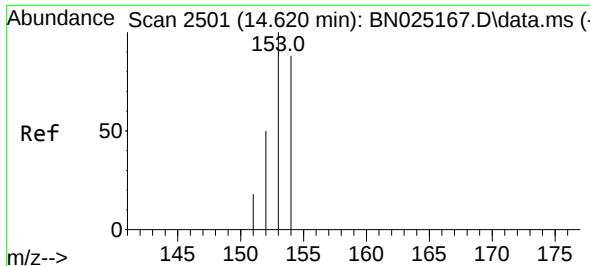
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

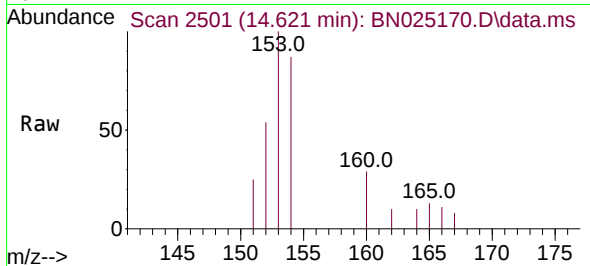
Tgt Ion:152 Resp: 1672
Ion Ratio Lower Upper
152 100
151 28.1 16.0 24.0#
153 27.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

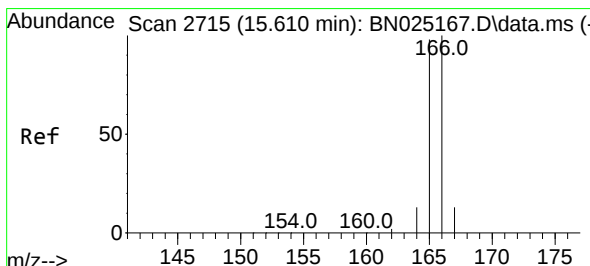
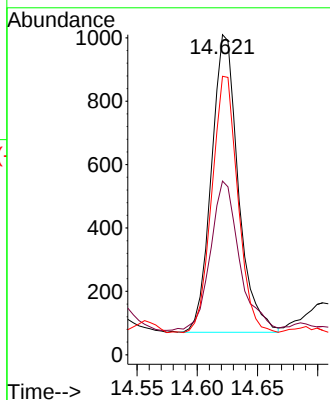
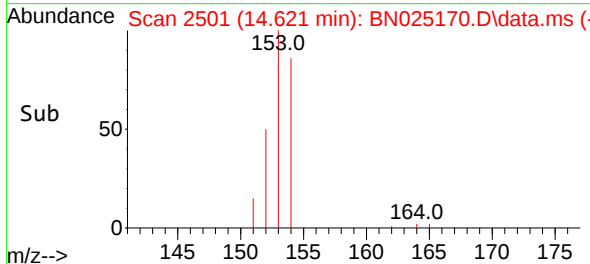
Instrument :
BNA_N
ClientSampleId :
EW8Z4



Tgt Ion:153 Resp: 1460
Ion Ratio Lower Upper
153 100
152 54.3 40.2 60.4
154 87.0 69.4 104.2

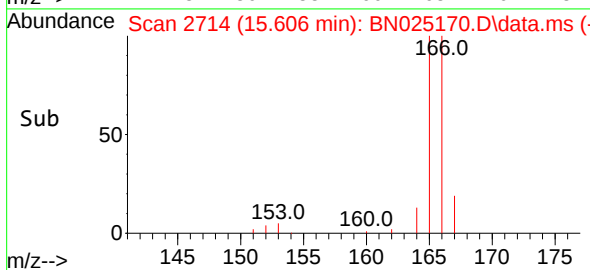
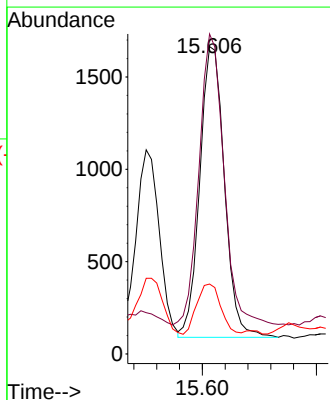
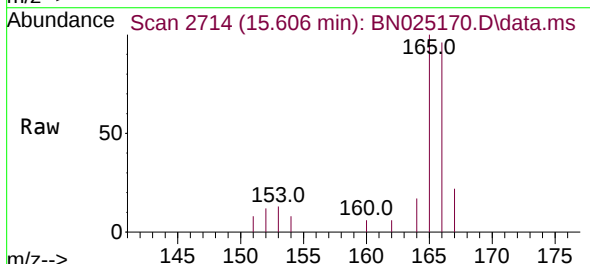
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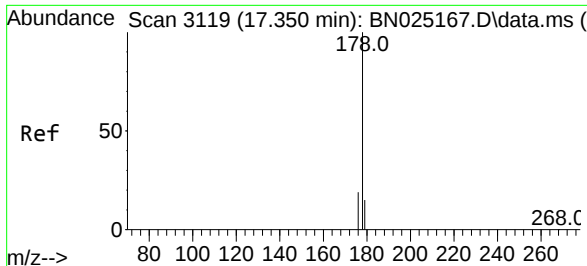
Reviewed By :Christian Giraldo 04/28/2023
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#12
Fluorene
Concen: 0.050 ng/u1
RT: 15.606 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

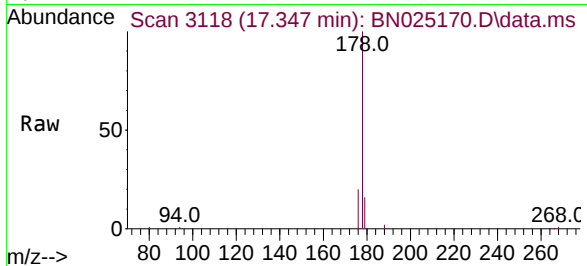
Tgt Ion:166 Resp: 2367
Ion Ratio Lower Upper
166 100
165 104.1 78.1 117.1
167 22.8 11.0 16.6#





#15
Phenanthrene
Concen: 0.228 ng/u1
RT: 17.347 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

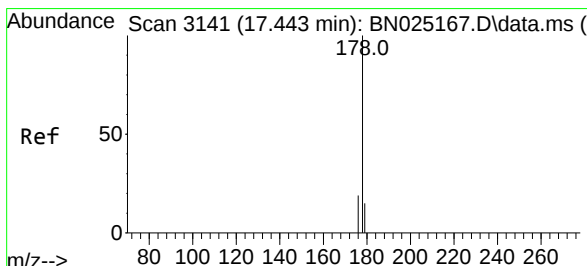
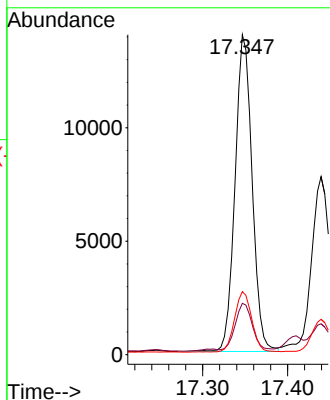
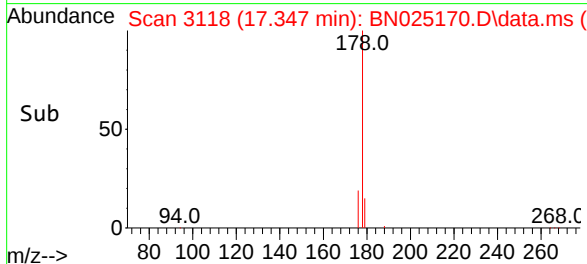
Instrument :
BNA_N
ClientSampleId :
EW8Z4



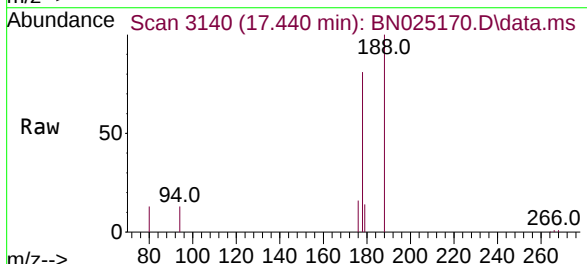
Tgt Ion:178 Resp: 19548
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.7 15.6 23.4

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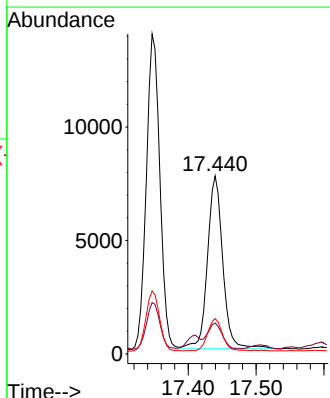
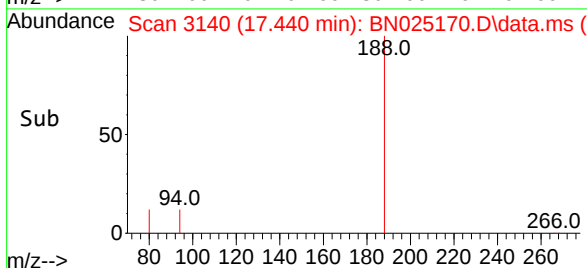
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

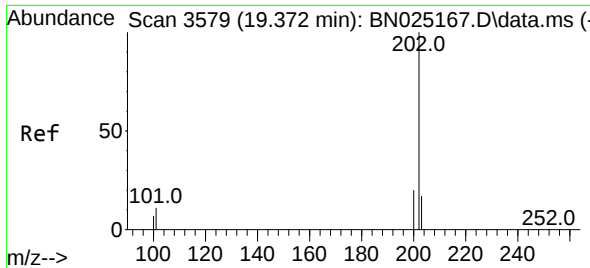


#16
Anthracene
Concen: 0.170 ng/u1
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37



Tgt Ion:178 Resp: 11965
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 19.8 15.3 22.9





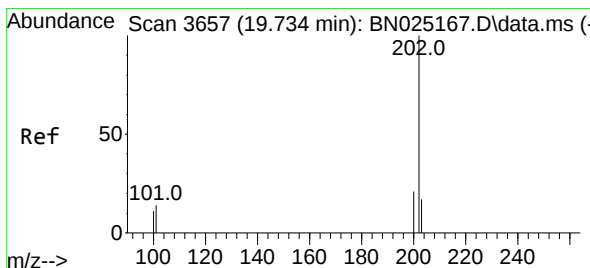
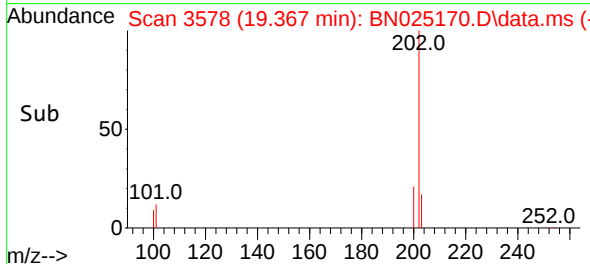
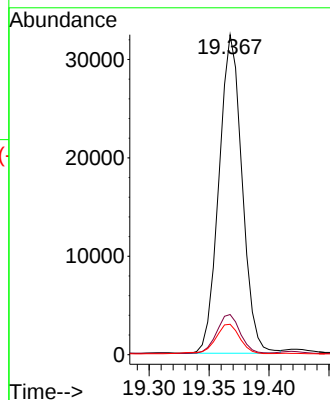
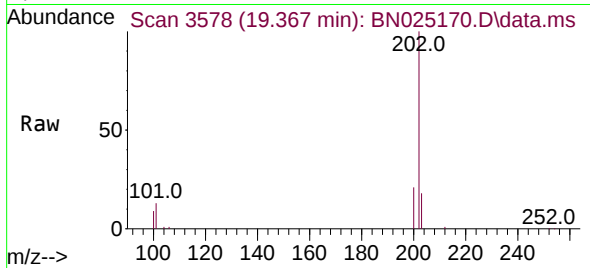
#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.367 min Scan# 3579
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

Instrument :
BNA_N
ClientSampleId :
EW8Z4

Tgt Ion:202 Resp: 4355
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.5 7.3 10.9

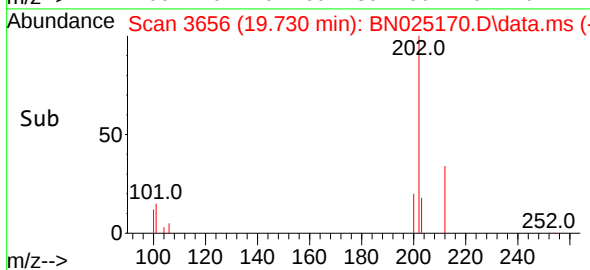
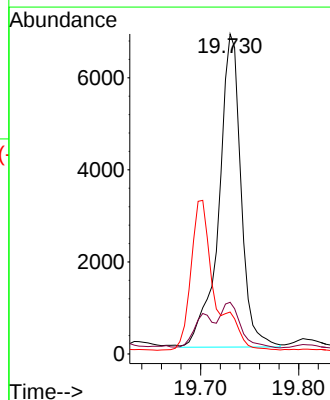
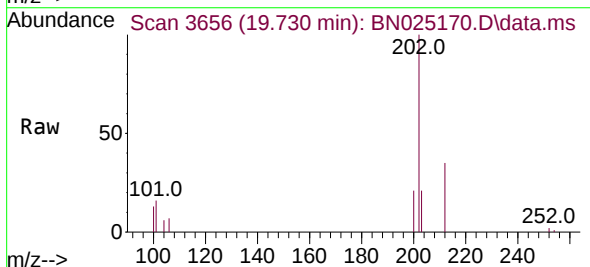
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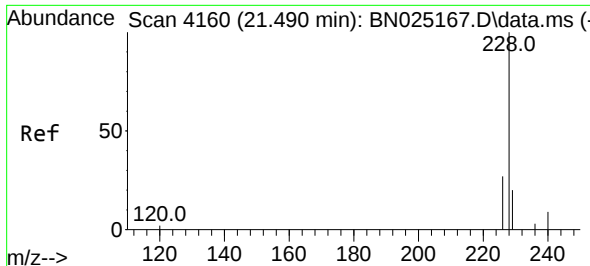
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 0.116 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

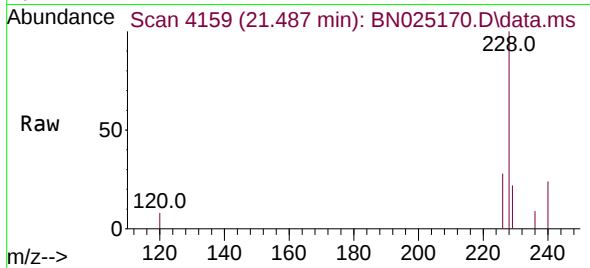
Tgt Ion:202 Resp: 10681
Ion Ratio Lower Upper
202 100
101 16.2 11.3 16.9
100 13.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.487 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

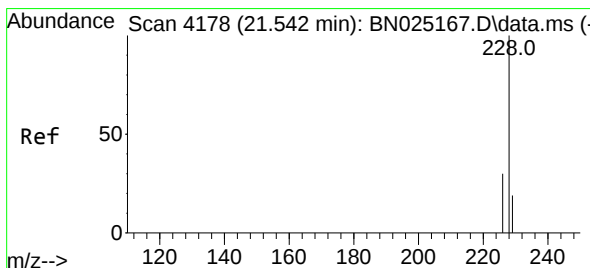
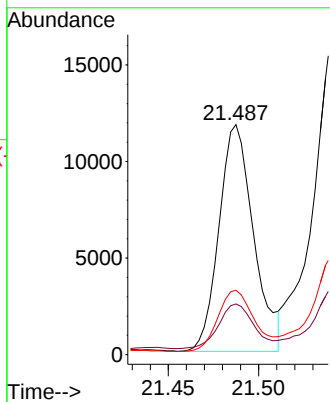
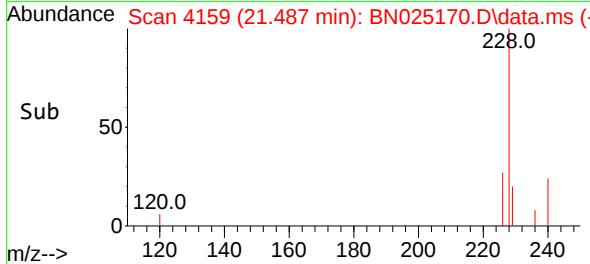
Instrument :
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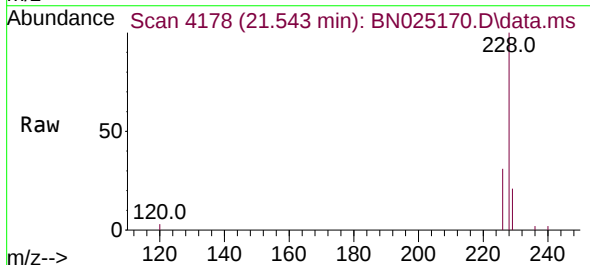
Tgt Ion:228 Resp: 1567
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.0 22.1 33.1

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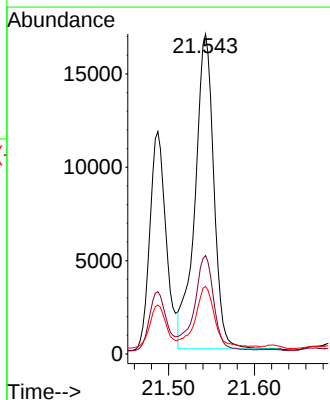
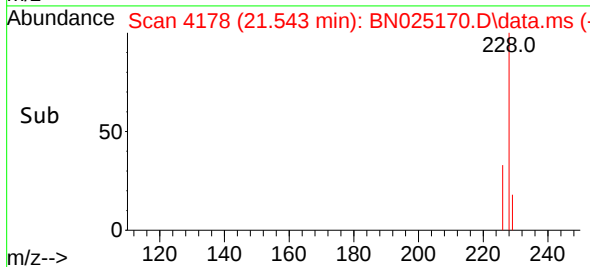
Reviewed By :Christian Giraldo 04/28/2023
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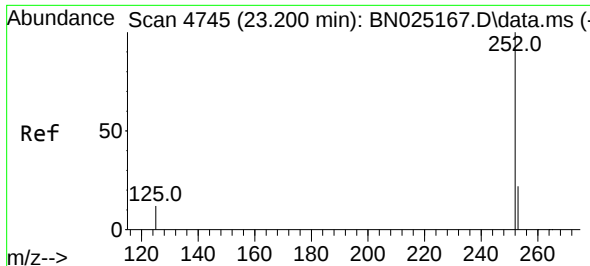


#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37



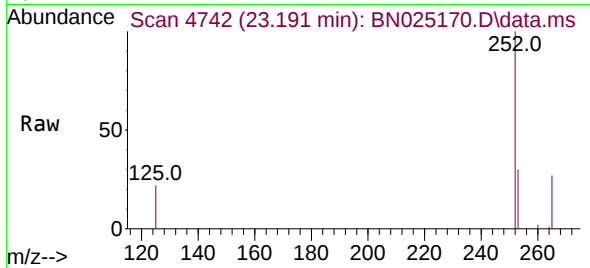
Tgt Ion:228 Resp: 25663
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.229 ng/ul m
RT: 23.191 min Scan# 4742
Delta R.T. -0.008 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37

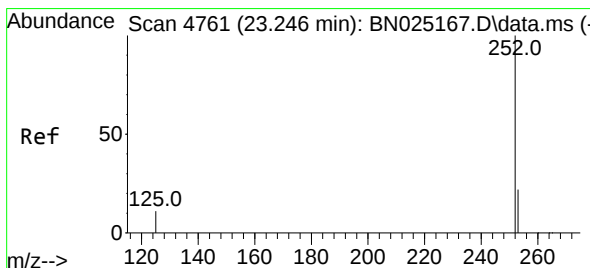
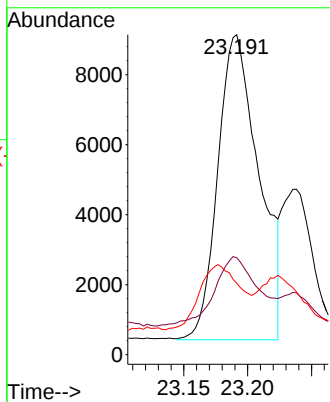
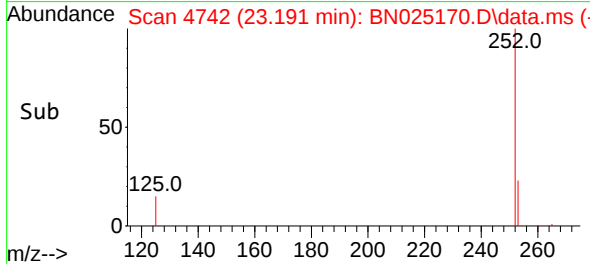
Instrument :
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ClientSampleId :
EW8Z4



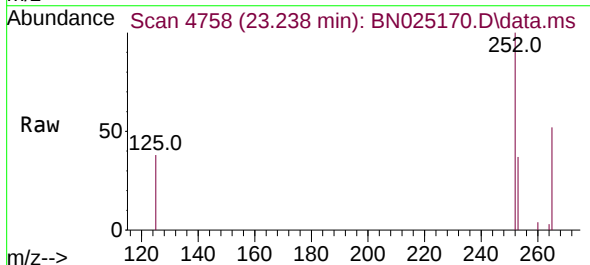
Tgt Ion:252 Resp: 19574
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 22.3 0.0 30.4

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Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.238 min Scan# 4758
Delta R.T. -0.008 min
Lab File: BN025170.D
Acq: 27 Apr 2023 10:37



Tgt Ion:252 Resp: 6982
Ion Ratio Lower Upper
252 100
253 37.3 20.2 30.4#
125 38.0 11.8 17.8#

