

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025238.D
 Acq On : 03 May 2023 14:11
 Operator : CG/JU
 Sample : 02419-33DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW928DL

Quant Time: May 04 04:29:13 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Supervised By :Jagrut
 Upadhyay
 05/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	9179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	31946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	41229	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	33523	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	30668	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4437	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1599	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3538	0.040	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	40996	0.501	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	23331	0.465	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	19095	0.357	ng/ul	100
10) Acenaphthylene	14.283	152	75178	1.053	ng/ul	99
11) Acenaphthene	14.626	153	33820	0.562	ng/ul	98
12) Fluorene	15.611	166	55028	0.818	ng/ul	99
15) Phenanthrene	17.351	178	991656	8.521	ng/ul	99
16) Anthracene	17.444	178	259292	2.724	ng/ul	99
19) Fluoranthene	19.373	202	1773516	14.630	ng/ul	100
20) Pyrene	19.735	202	1633295	13.113	ng/ul	100
21) Benzo(a)anthracene	21.488	228	909323	9.002	ng/ul	99
22) Chrysene	21.541	228	826657	7.502	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	981167m	7.886	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	310530m	2.595	ng/ul	
26) Benzo(a)pyrene	23.821	252	690611	6.708	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.447	276	386734	3.260	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.457	278	101453	1.095	ng/ul#	94
29) Benzo(g,h,i)perylene	27.228	276	339322	3.364	ng/ul	99

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

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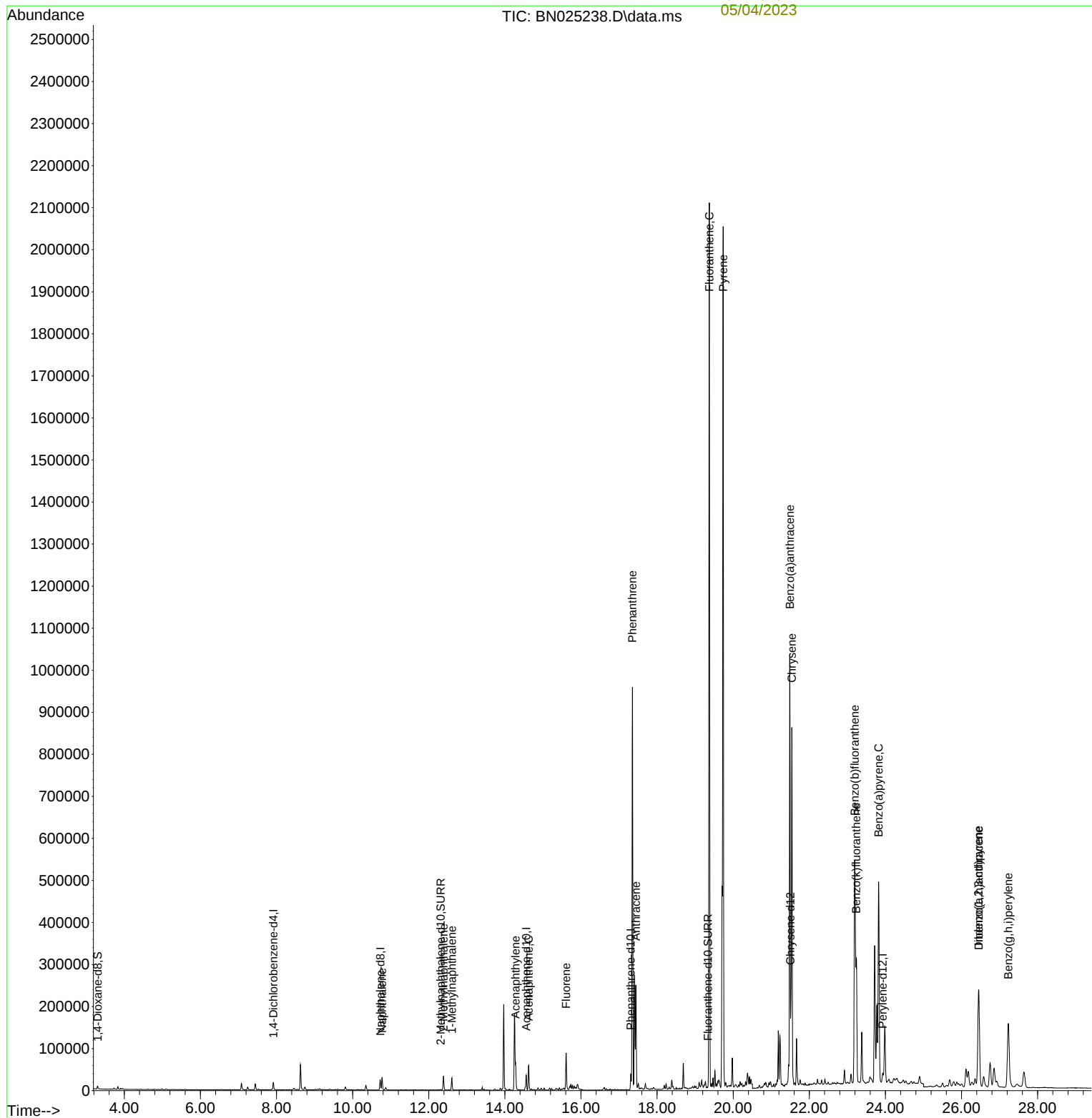
Instrument :
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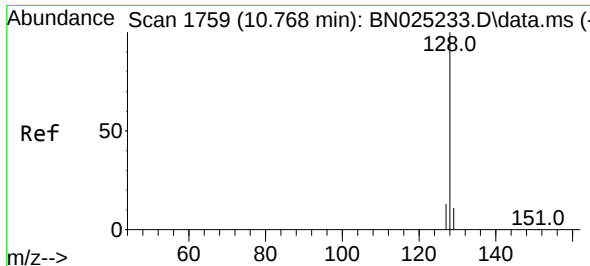
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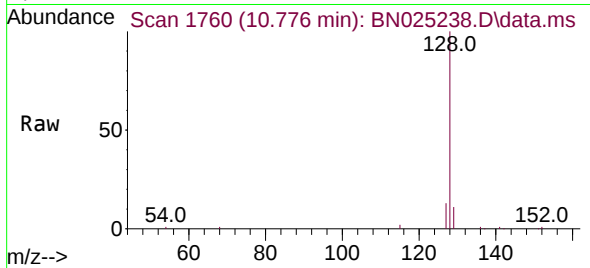
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#5
Naphthalene
Concen: 0.501 ng/ul
RT: 10.776 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
BNA_N
ClientSampleId :
EW928DL

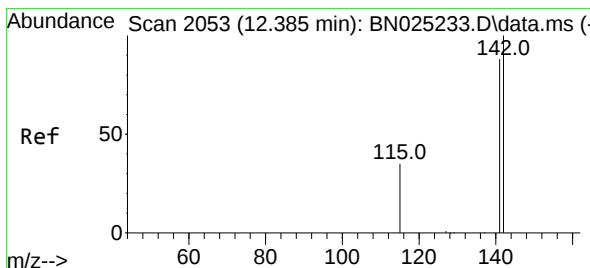
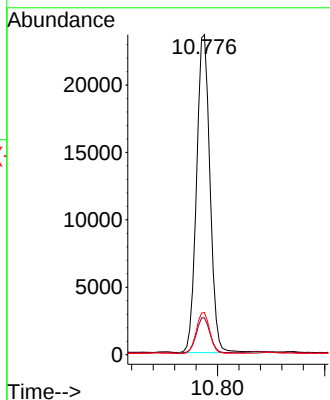
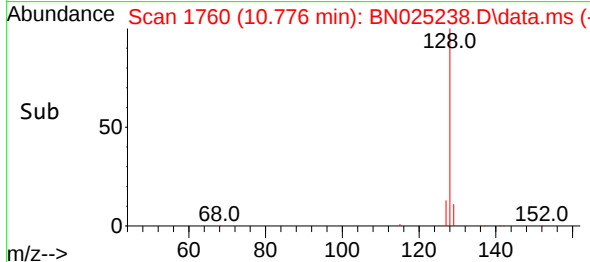


Tgt Ion:128 Resp: 40990
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.7 16.1

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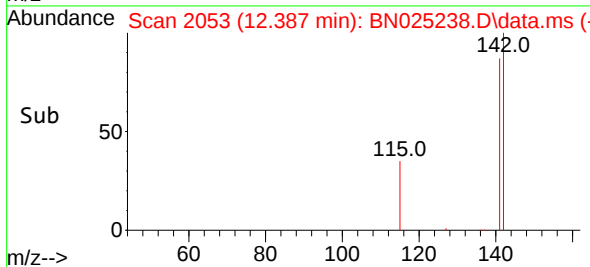
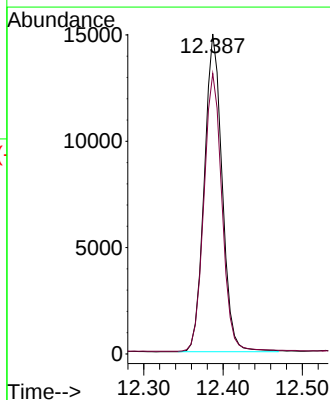
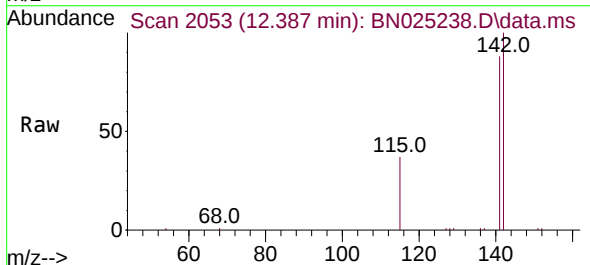
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Supervised By :Jagrut Upadhyay 05/04/2023

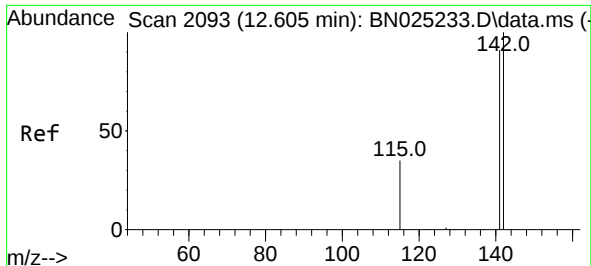
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#7
2-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

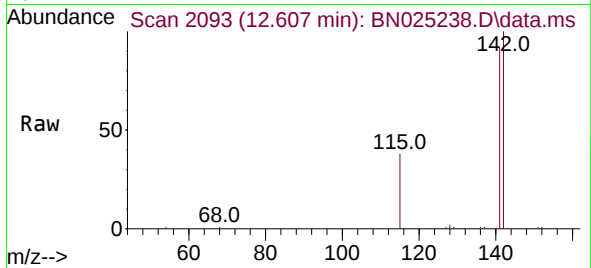
Tgt Ion:142 Resp: 23331
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

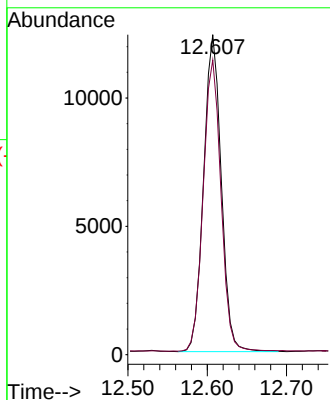
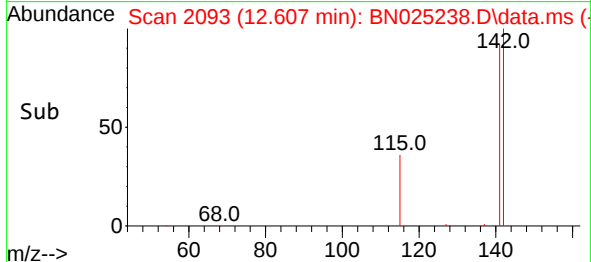
Instrument :
BNA_N
ClientSampleId :
EW928DL



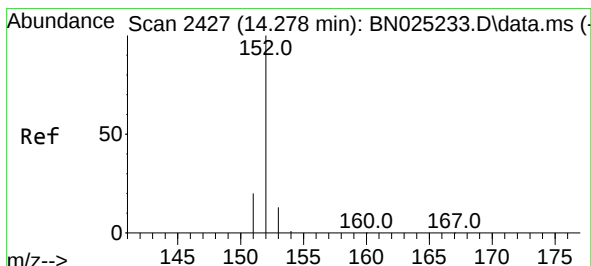
Tgt Ion:142 Resp: 1909
Ion Ratio Lower Upper
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141 92.3 73.8 110.6

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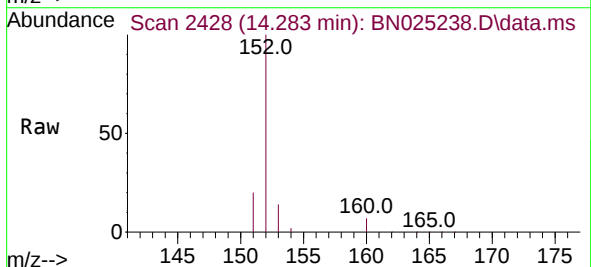
Reviewed By :Christian Giraldo 05/04/2023
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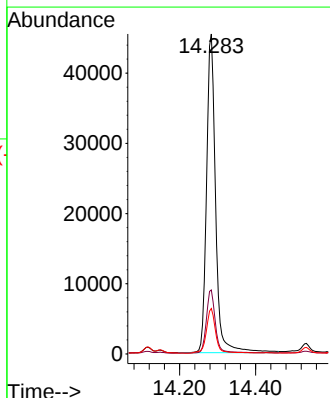
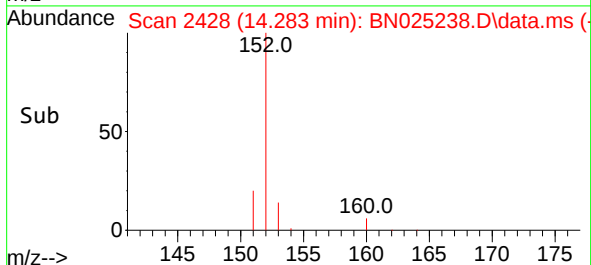
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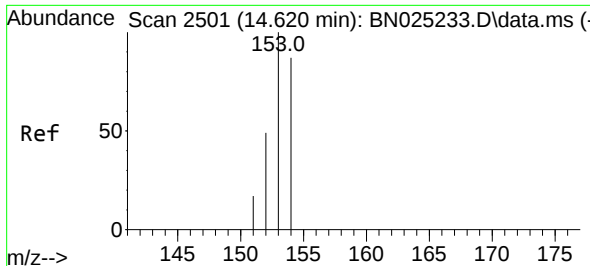


#10
Acenaphthylene
Concen: 1.053 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11



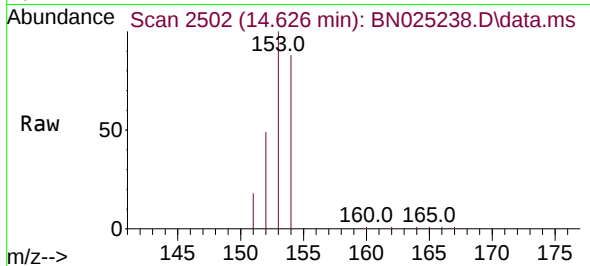
Tgt Ion:152 Resp: 75178
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.2 10.8 16.2





#11
Acenaphthene
Concen: 0.562 ng/u1
RT: 14.626 min Scan# 2502
Delta R.T. 0.006 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
BNA_N
ClientSampleId :
EW928DL

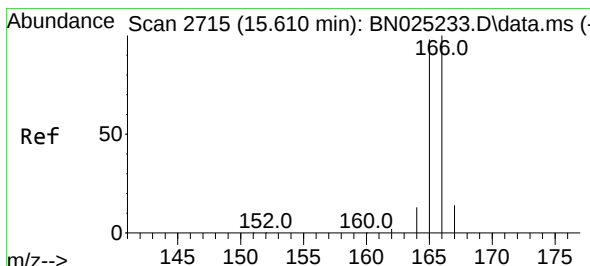
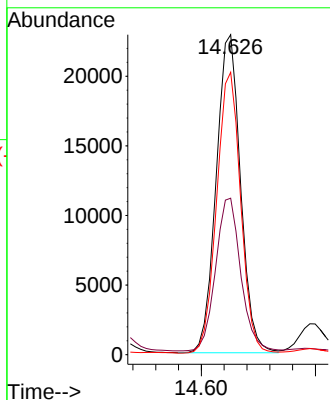
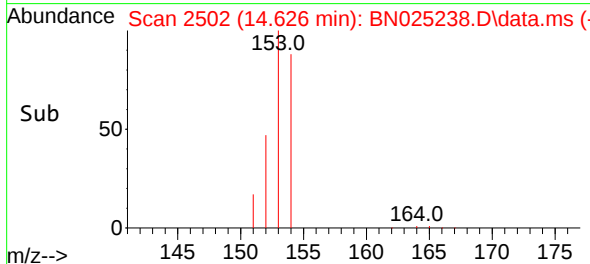


Tgt Ion:153 Resp: 33820
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.2 69.4 104.2

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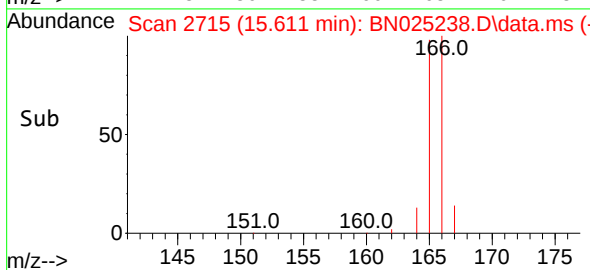
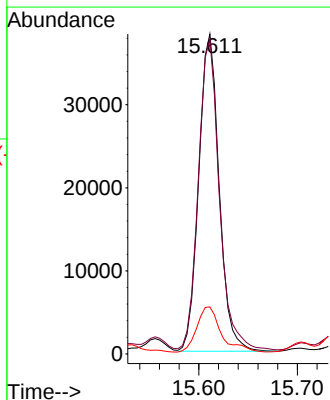
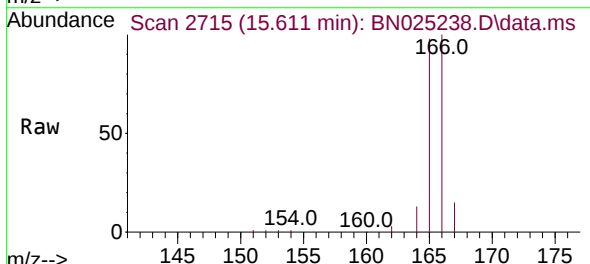
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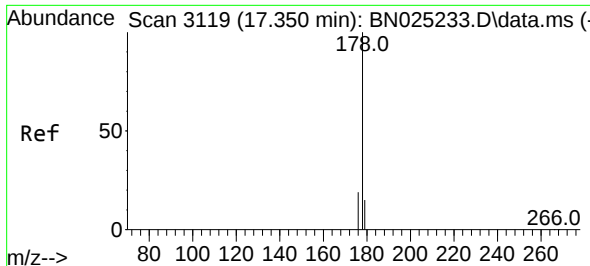
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#12
Fluorene
Concen: 0.818 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

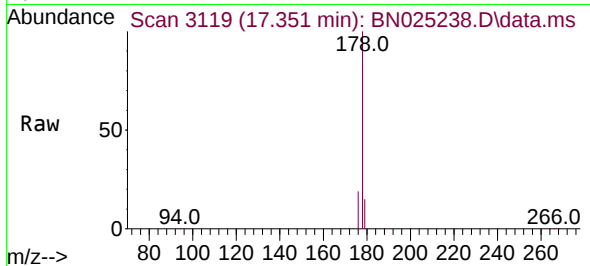
Tgt Ion:166 Resp: 55028
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 14.7 11.0 16.6





#15
Phenanthrene
Concen: 8.521 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
BNA_N
ClientSampleId :
EW928DL

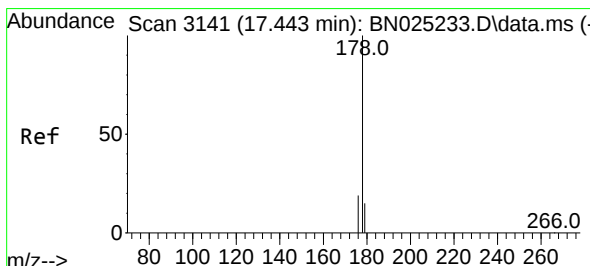
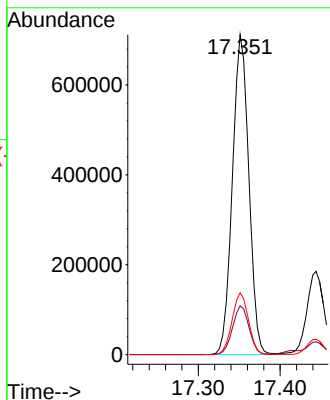
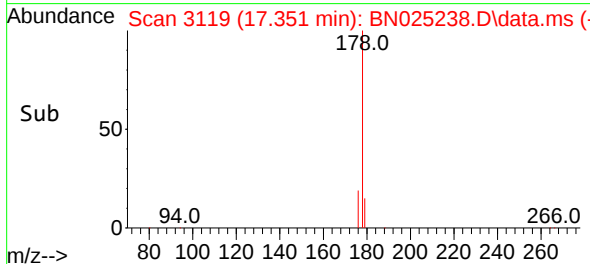


Tgt Ion:178 Resp: 991650
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.4 15.6 23.4

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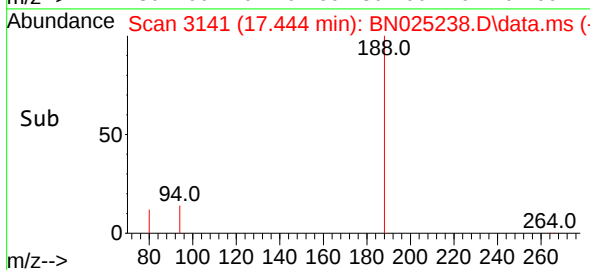
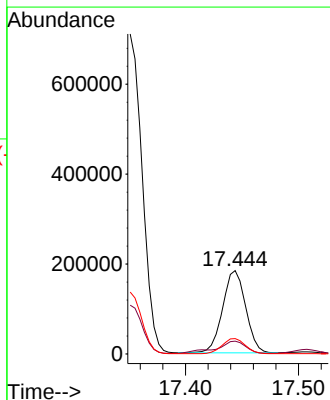
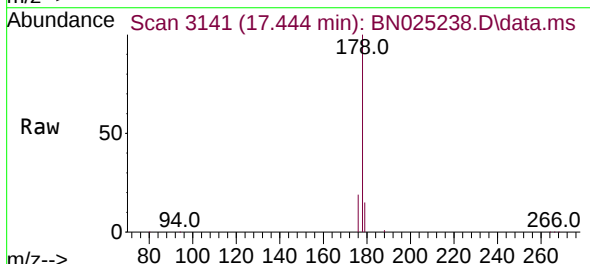
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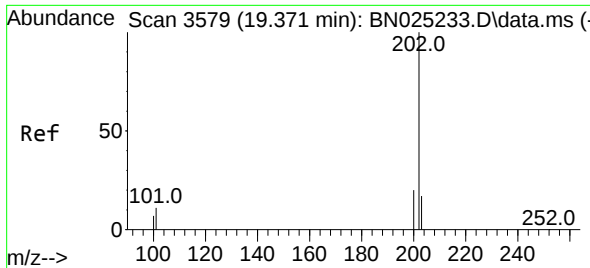
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#16
Anthracene
Concen: 2.724 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

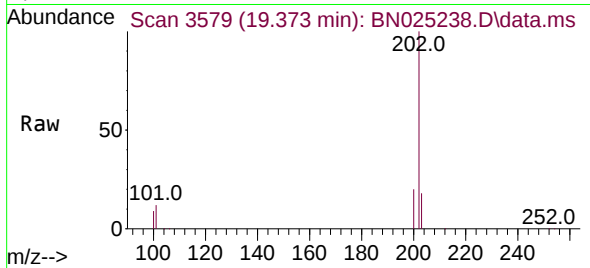
Tgt Ion:178 Resp: 259292
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.5 15.3 22.9





#19
Fluoranthene
Concen: 14.630 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
BNA_N
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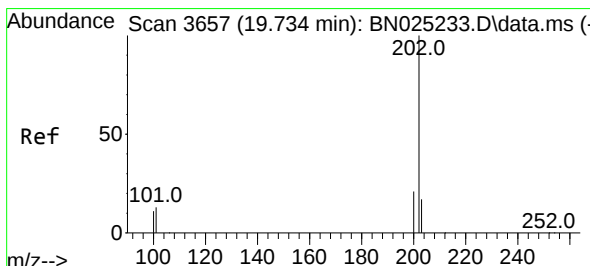
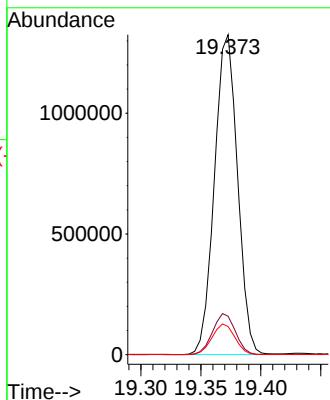
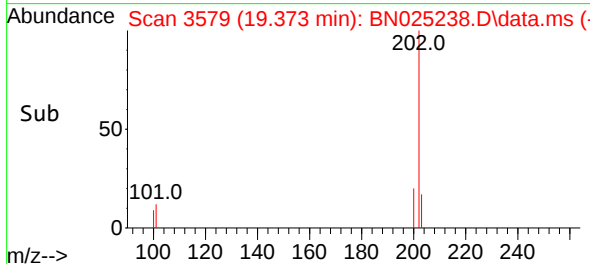


Tgt Ion:202 Resp: 1773510
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 8.8 7.3 10.9

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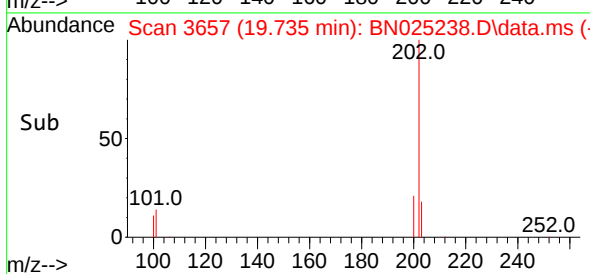
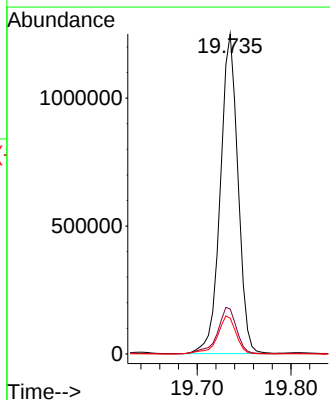
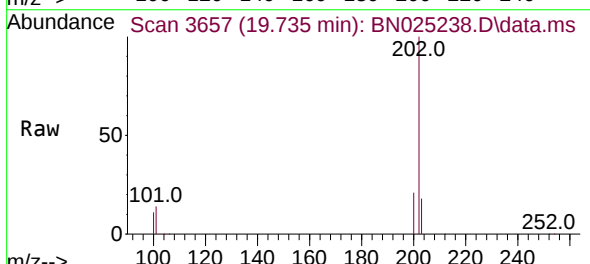
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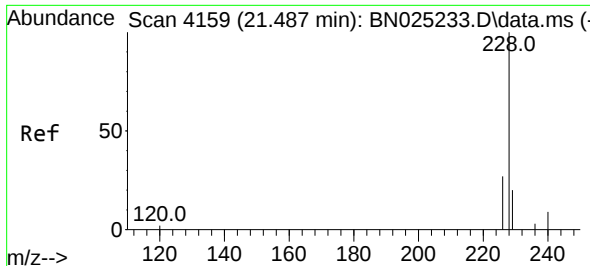
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#20
Pyrene
Concen: 13.113 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

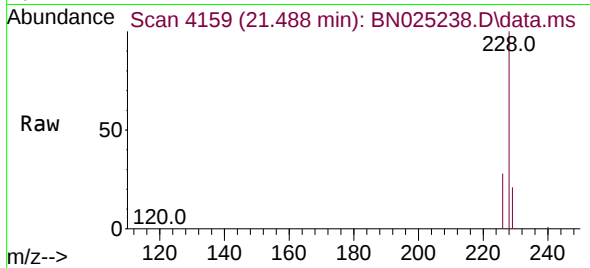
Tgt Ion:202 Resp: 1633295
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 9.002 ng/u1
RT: 21.488 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

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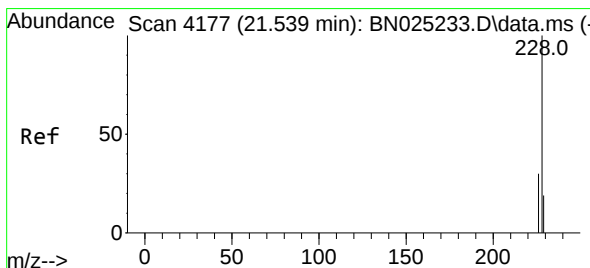
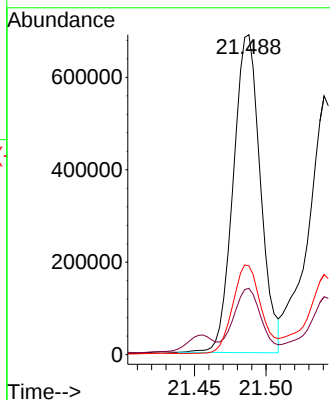
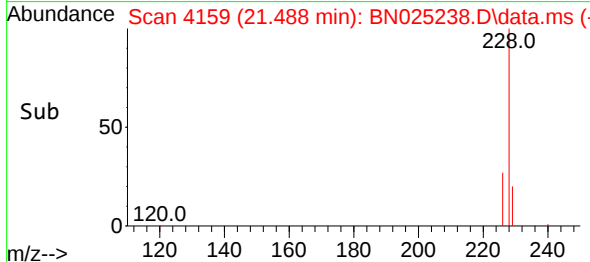


Tgt Ion:228 Resp: 90932
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 27.7 22.1 33.1

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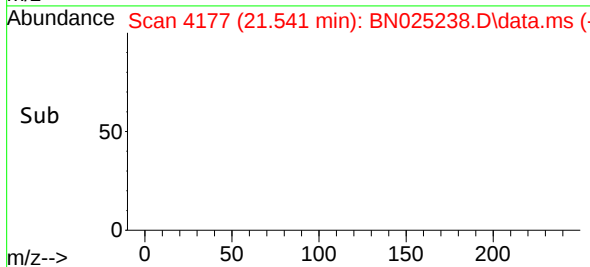
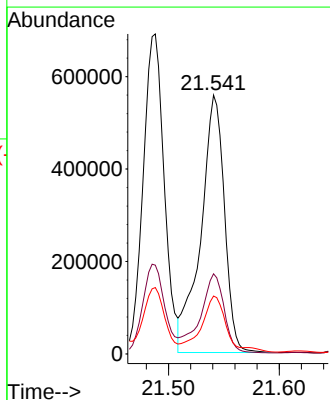
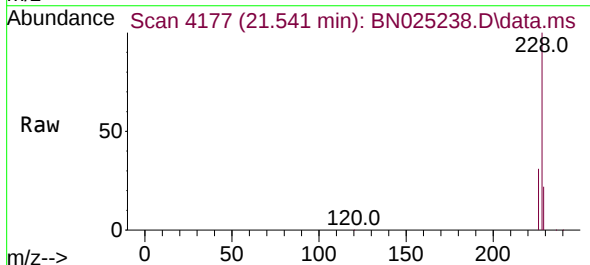
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Supervised By :Jagrut Upadhyay 05/04/2023

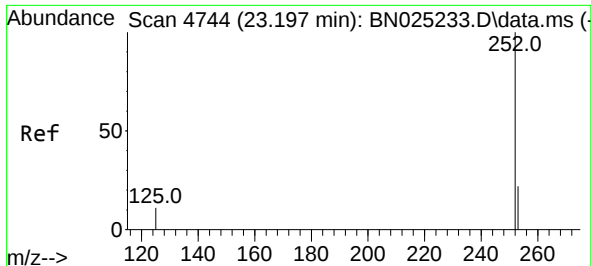
Supervised By :Jagrut
Upadhyay
05/04/2023



#22
Chrysene
Concen: 7.502 ng/u1
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

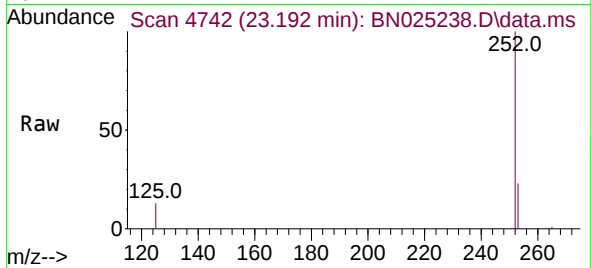
Tgt Ion:228 Resp: 826657
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.886 ng/ul m
RT: 23.192 min Scan# 4742
Delta R.T. -0.005 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
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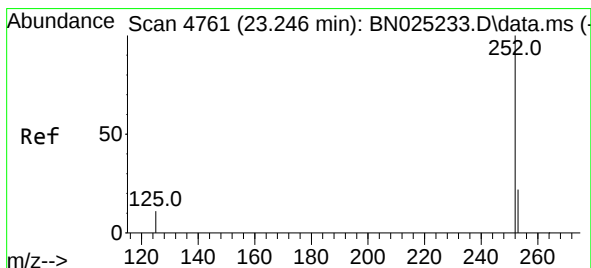
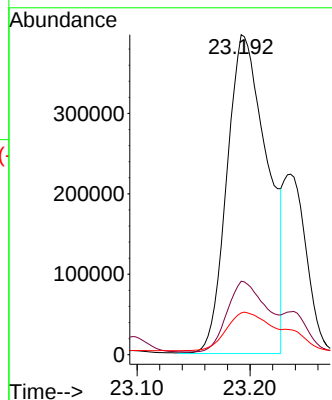


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Ion Ratio Lower Upper
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253 22.9 0.0 50.2
125 13.0 0.0 30.4

Manual Integrations
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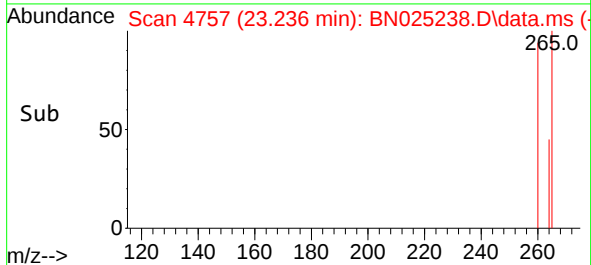
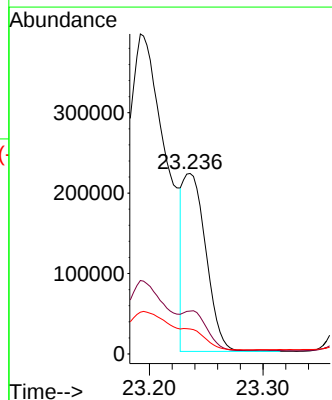
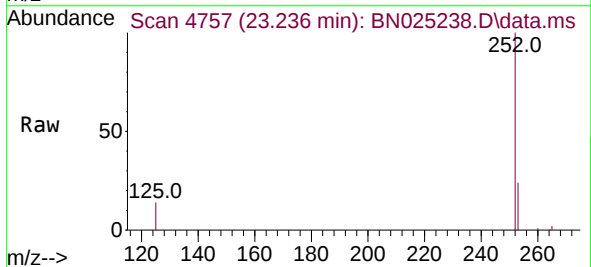
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

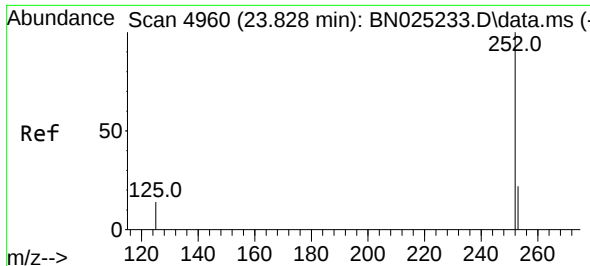
Supervised By :Jagrut
Upadhyay
05/04/2023



#25
Benzo(k)fluoranthene
Concen: 2.595 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.010 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

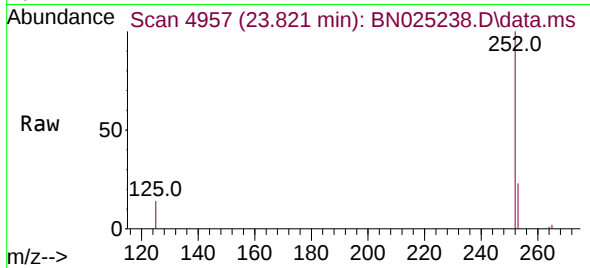
Tgt Ion:252 Resp: 310530
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.4
125 13.8 11.8 17.8





#26
Benzo(a)pyrene
Concen: 6.708 ng/ul
RT: 23.821 min Scan# 4957
Delta R.T. -0.007 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :
BNA_N
ClientSampleId :
EW928DL

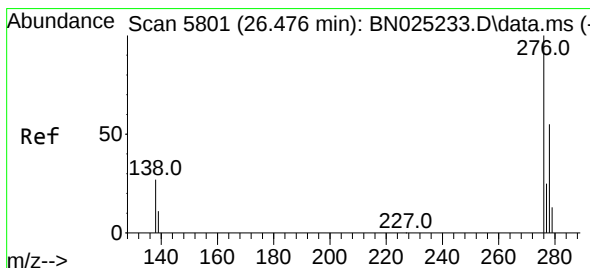
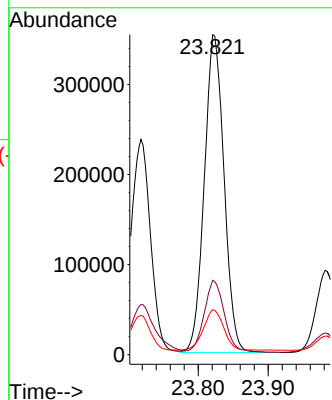


Tgt Ion:252 Resp: 690611
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 14.1 14.6 22.0

Manual Integrations
APPROVED

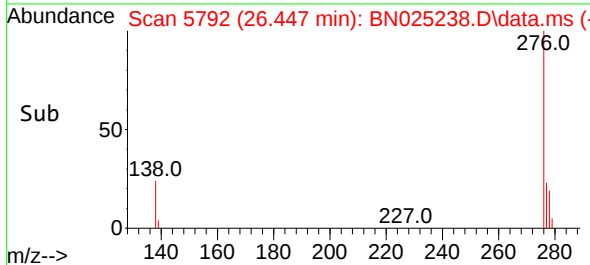
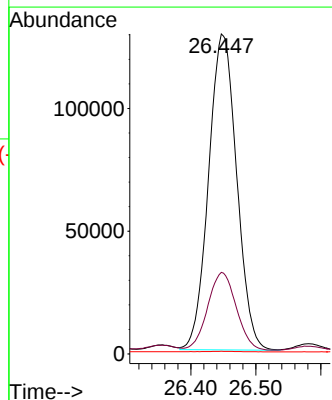
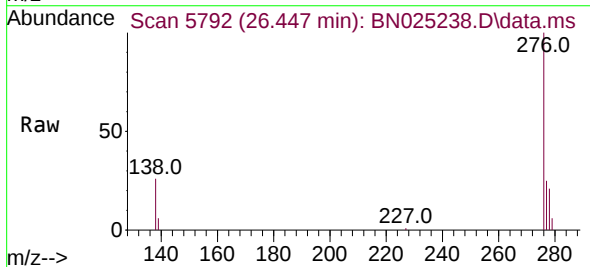
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

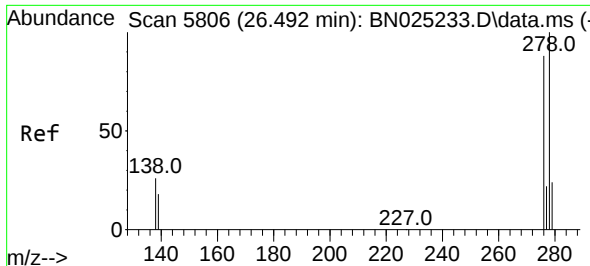
Supervised By :Jagrut
Upadhyay
05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.260 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.029 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Tgt Ion:276 Resp: 386734
Ion Ratio Lower Upper
276 100
138 25.0 21.9 32.9
227 0.2 0.1 0.1





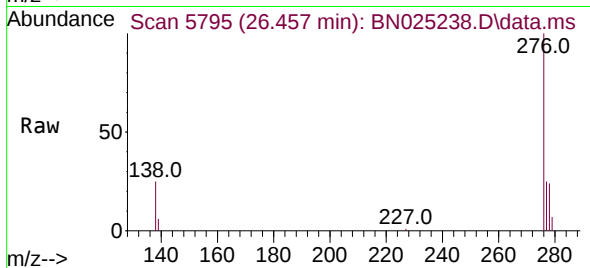
#28
Dibenzo(a,h)anthracene
Concen: 1.095 ng/ul
RT: 26.457 min Scan# 51
Delta R.T. -0.036 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Instrument :

BNA_N

ClientSampleId :

EW928DL

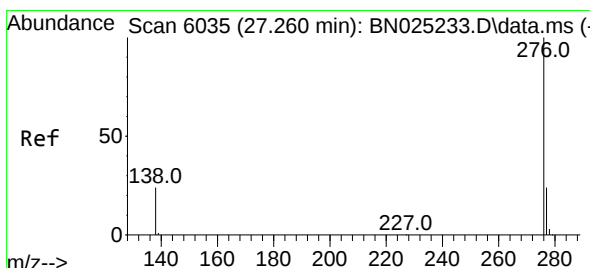
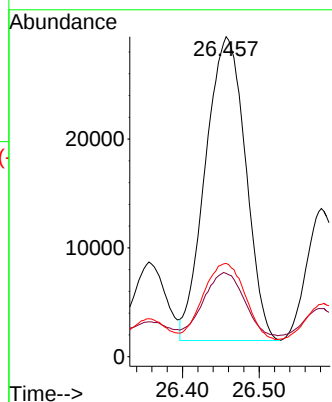


Tgt Ion:278 Resp: 10145
Ion Ratio Lower Upper
278 100
139 26.0 17.0 25.6
279 29.2 21.8 32.8

Manual Integrations
APPROVED

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

Supervised By :Jagrut
Upadhyay
05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 3.364 ng/ul
RT: 27.228 min Scan# 6025
Delta R.T. -0.032 min
Lab File: BN025238.D
Acq: 03 May 2023 14:11

Tgt Ion:276 Resp: 339322
Ion Ratio Lower Upper
276 100
138 26.2 20.3 30.5
277 24.4 19.8 29.6

