

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025179.D
 Acq On : 27 Apr 2023 15:58
 Operator : CG/JU
 Sample : 02418-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 01:21:21 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	7817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	15517	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	34036	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	25745	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	21325	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	22393	2.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	7051	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	16119	0.237	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	15002	0.224	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	12077	0.295	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	9497	0.218	ng/ul	99
10) Acenaphthylene	14.284	152	37169	0.643	ng/ul	98
11) Acenaphthene	14.622	153	13459	0.276	ng/ul	99
12) Fluorene	15.612	166	16351	0.300	ng/ul	99
14) Pentachlorophenol	16.964	266	926	0.139	ng/ul	95
15) Phenanthrene	17.352	178	490798	5.109	ng/ul	99
16) Anthracene	17.441	178	82213	1.046	ng/ul	100
19) Fluoranthene	19.369	202	1021637	10.974	ng/ul	98
20) Pyrene	19.736	202	916652	9.583	ng/ul	100
21) Benzo(a)anthracene	21.492	228	395957	5.104	ng/ul	98
22) Chrysene	21.544	228	418722	4.948	ng/ul	98
24) Benzo(b)fluoranthene	23.199	252	485449m	5.611	ng/ul	
25) Benzo(k)fluoranthene	23.237	252	157722m	1.895	ng/ul	
26) Benzo(a)pyrene	23.824	252	336486	4.701	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.444	276	236419	2.866	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.458	278	54982	0.853	ng/ul#	91
29) Benzo(g,h,i)perylene	27.222	276	208428	2.972	ng/ul	98

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

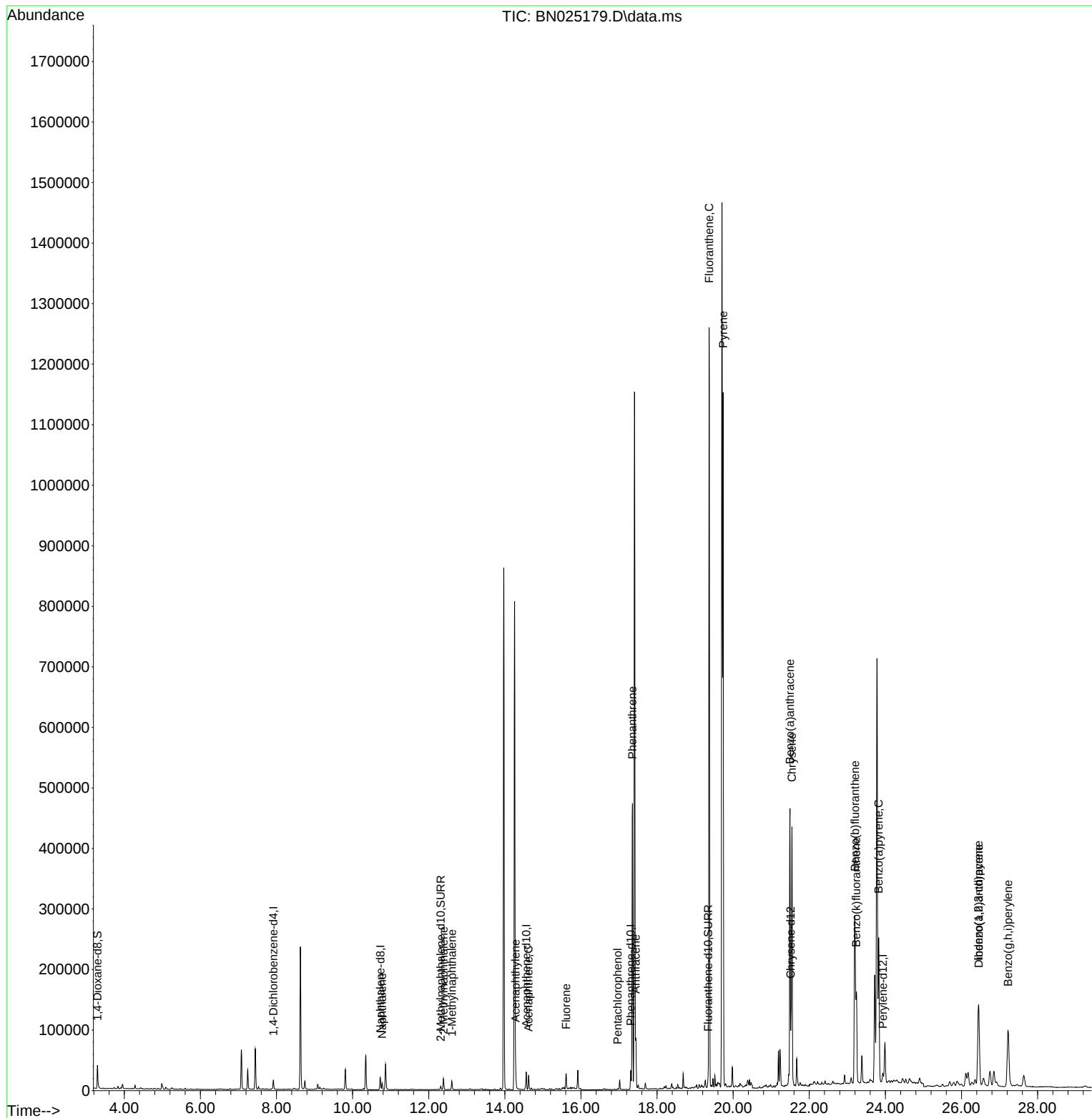
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025179.D
Acq On : 27 Apr 2023 15:58
Operator : CG/JU
Sample : 02418-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

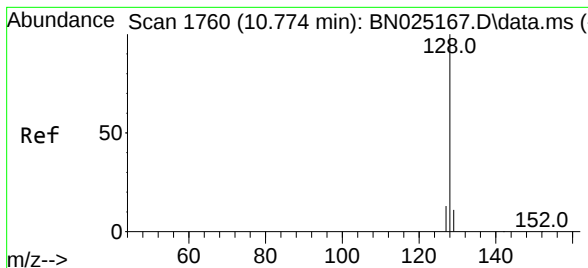
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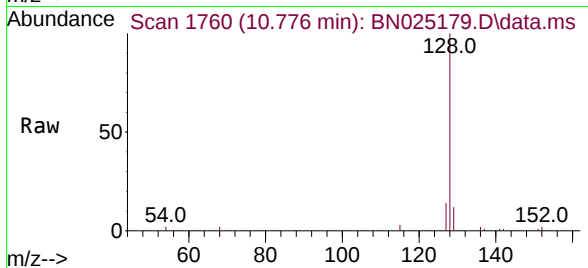
Quant Time: Apr 28 01:21:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

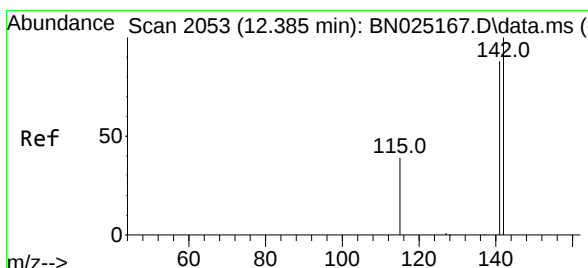
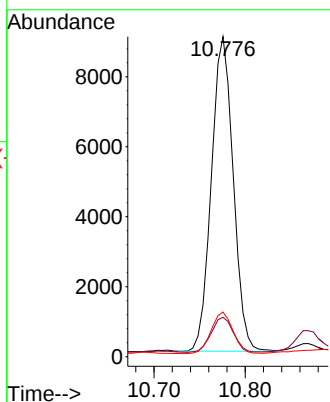
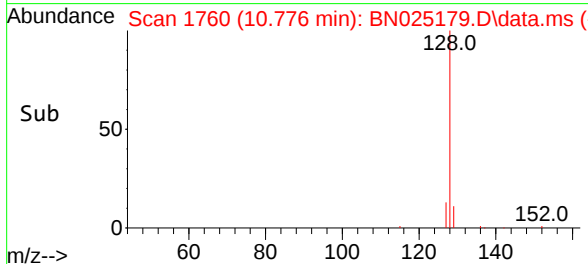
Instrument :
BNA_N
ClientSampleId :
EW8Z2



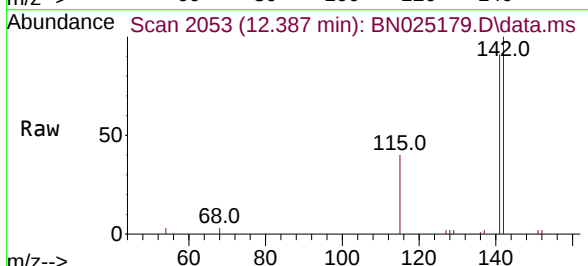
Tgt Ion:128 Resp: 1500
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.0 10.7 16.1

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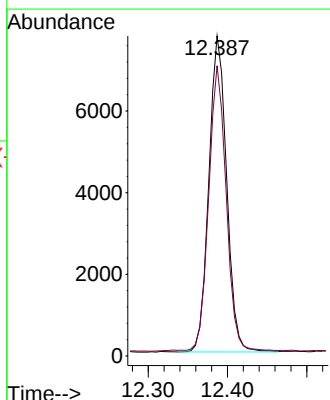
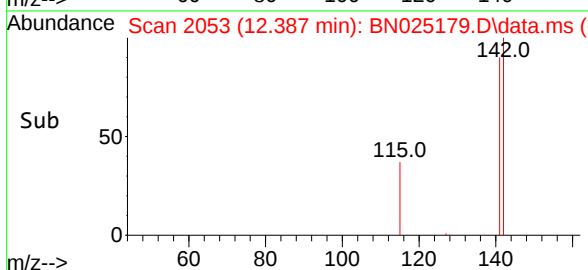
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

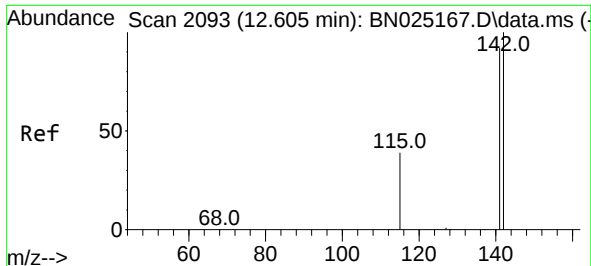


#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



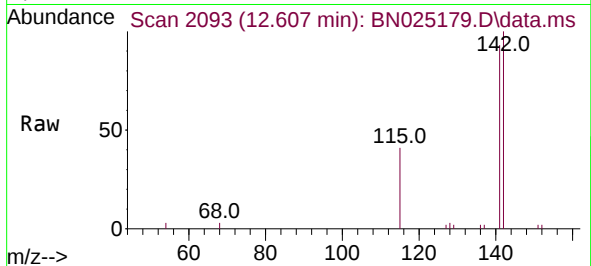
Tgt Ion:142 Resp: 12077
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

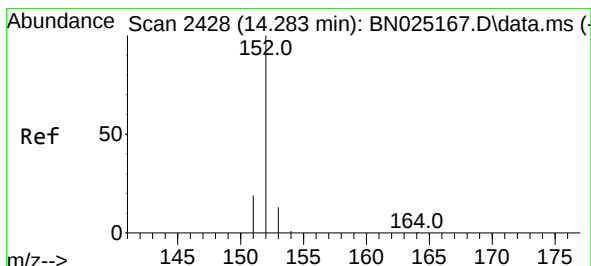
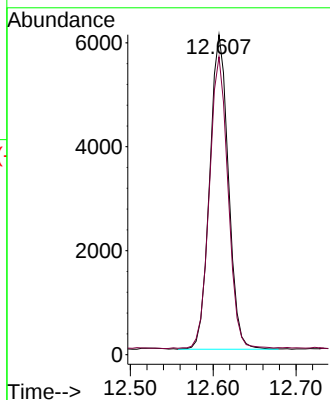
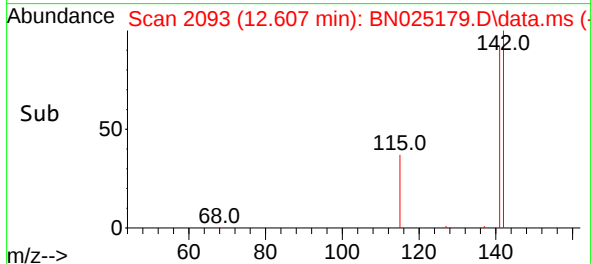
Instrument :
BNA_N
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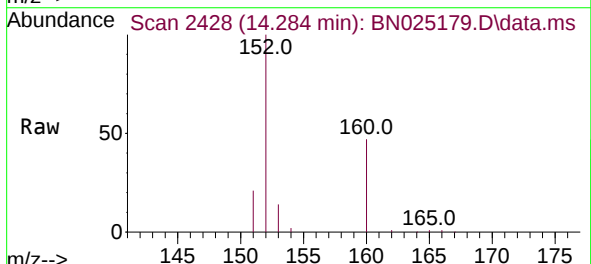
Tgt Ion:142 Resp: 949
Ion Ratio Lower Upper
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141 92.8 73.8 110.6

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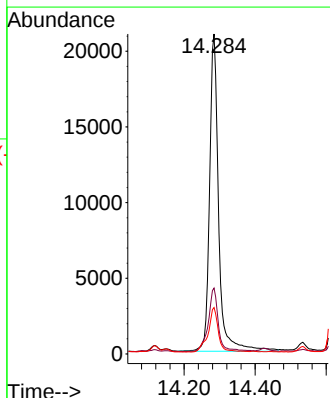
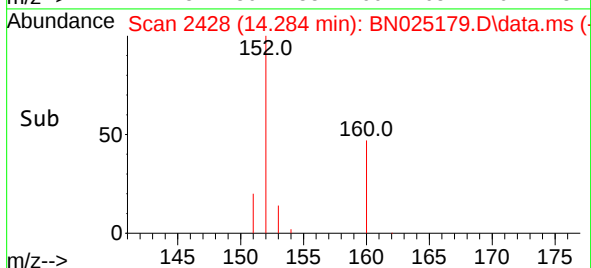
Reviewed By :Christian Giraldo 04/28/2023
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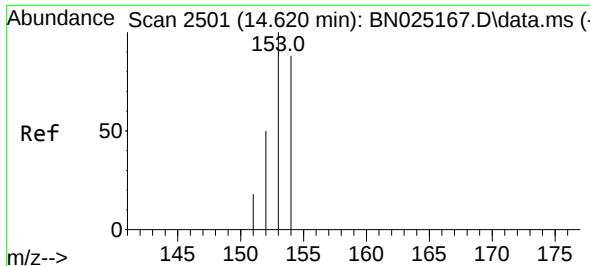


#10
Acenaphthylene
Concen: 0.643 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



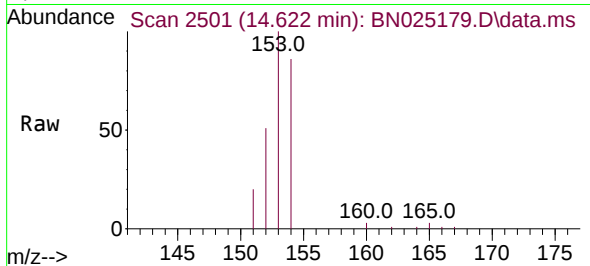
Tgt Ion:152 Resp: 37169
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.5 10.8 16.2





#11
Acenaphthene
Concen: 0.276 ng/u1
RT: 14.622 min Scan# 2501
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

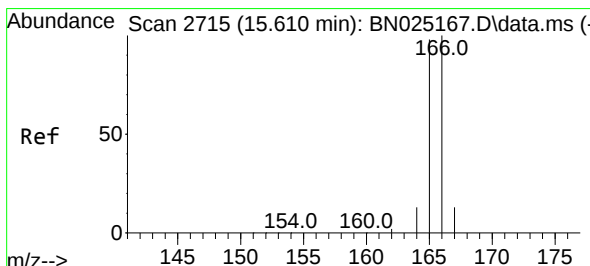
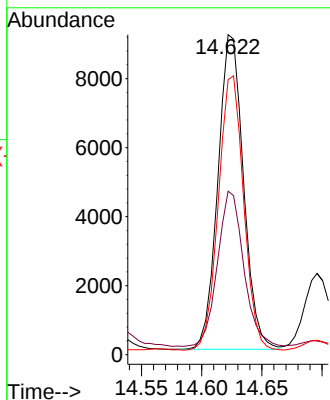
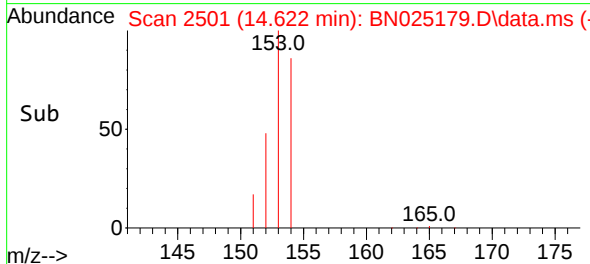
Instrument :
BNA_N
ClientSampleId :
EW8Z2



Tgt Ion:153 Resp: 1345
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 85.9 69.4 104.2

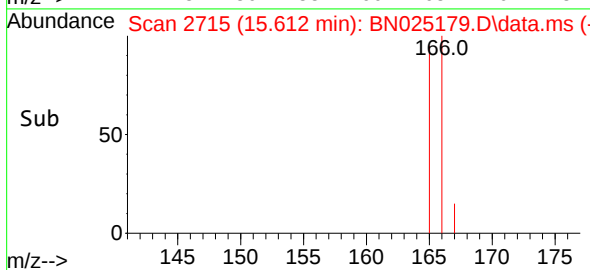
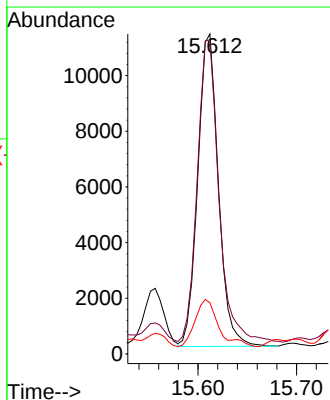
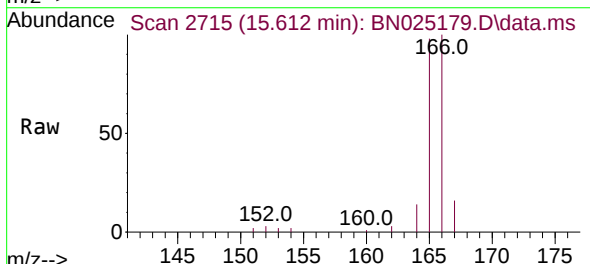
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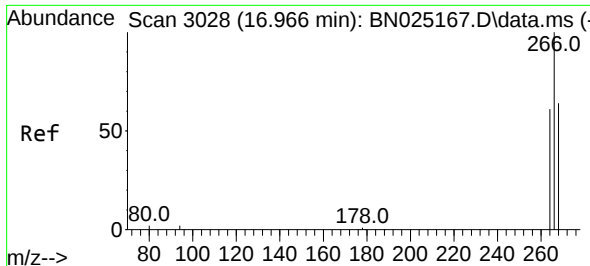
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.300 ng/u1
RT: 15.612 min Scan# 2715
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

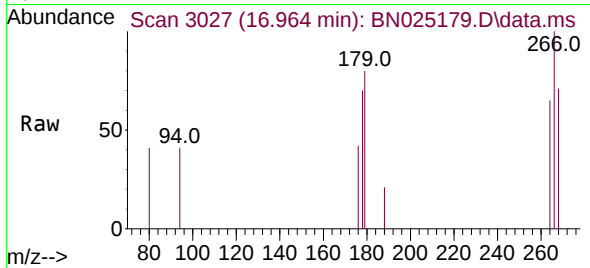
Tgt Ion:166 Resp: 16351
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 16.0 11.0 16.6





#14
Pentachlorophenol
Concen: 0.139 ng/ul
RT: 16.964 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

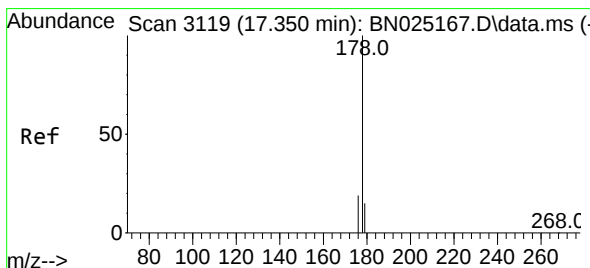
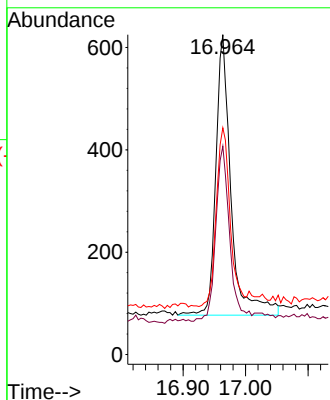
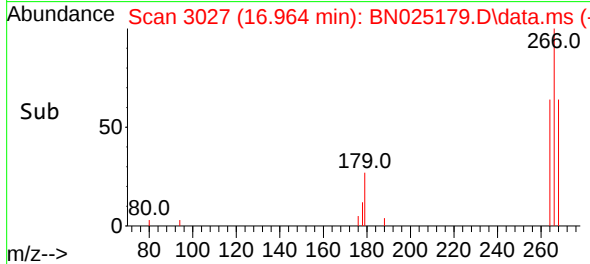
Instrument :
BNA_N
ClientSampleId :
EW8Z2



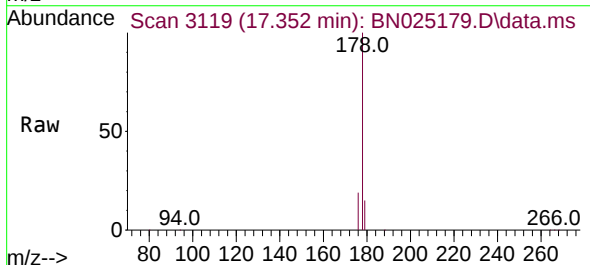
Tgt Ion:266 Resp: 920
Ion Ratio Lower Upper
266 100
264 60.4 49.6 74.4
268 58.2 51.3 76.9

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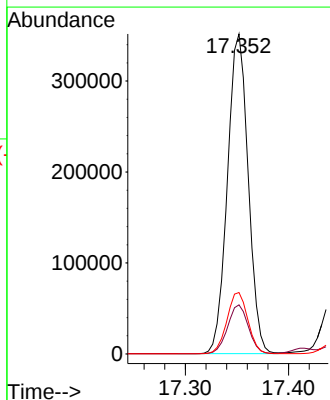
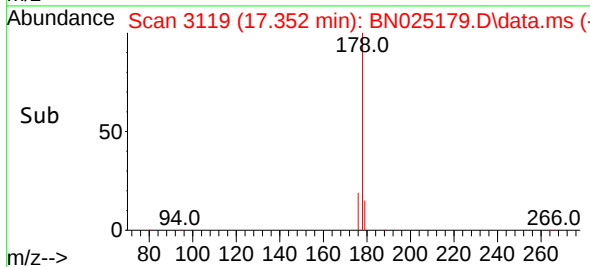
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

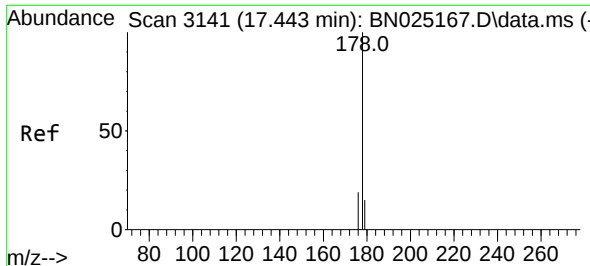


#15
Phenanthrene
Concen: 5.109 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



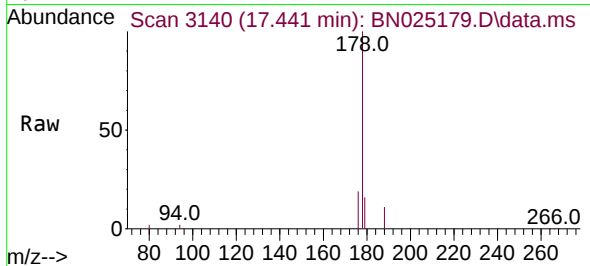
Tgt Ion:178 Resp: 490798
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 1.046 ng/ul
 RT: 17.441 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

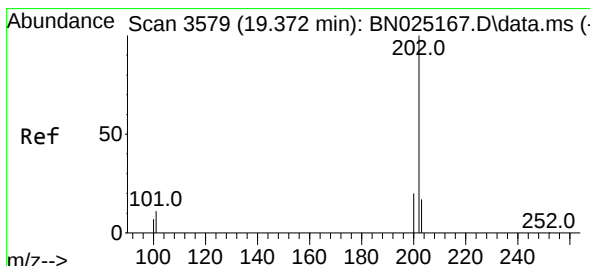
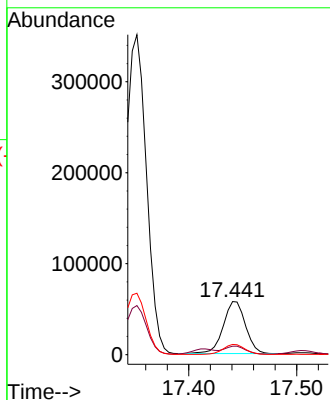
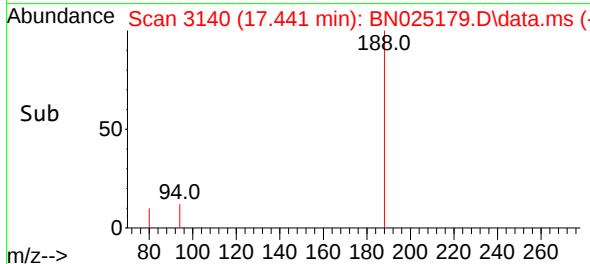
Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2



Tgt Ion:178 Resp: 8221
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.7 19.1
 176 19.3 15.3 22.9

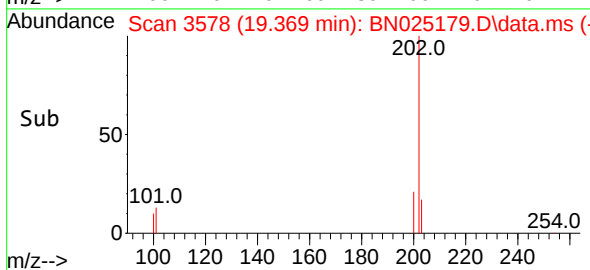
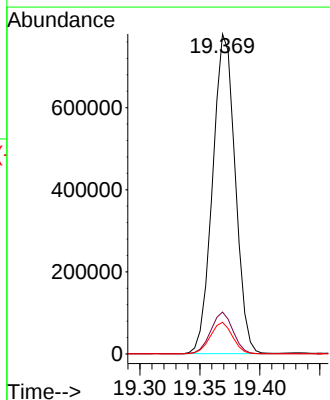
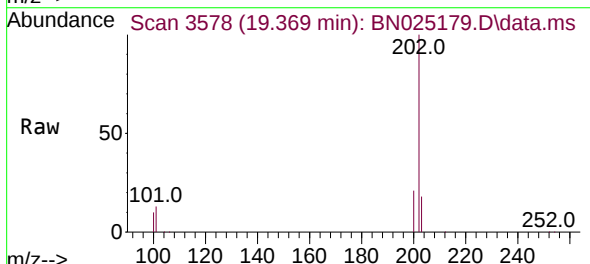
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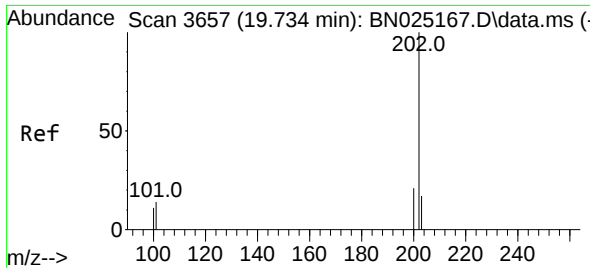
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#19
 Fluoranthene
 Concen: 10.974 ng/ul
 RT: 19.369 min Scan# 3578
 Delta R.T. -0.003 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

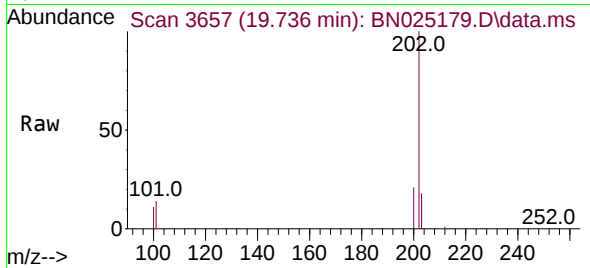
Tgt Ion:202 Resp: 1021637
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.7 14.5
 100 9.9 7.3 10.9





#20
Pyrene
Concen: 9.583 ng/u1
RT: 19.736 min Scan# 30
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

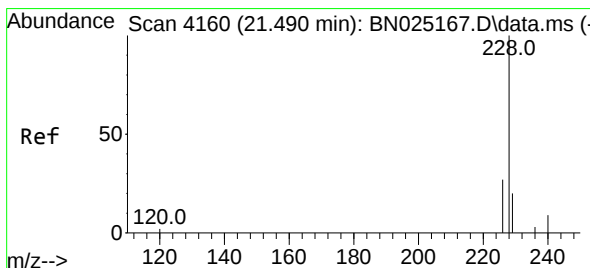
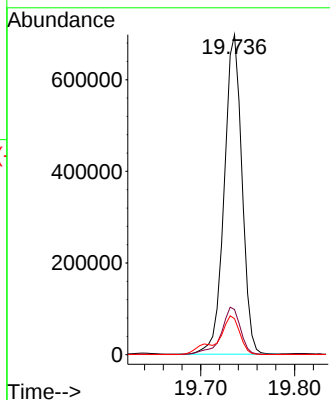
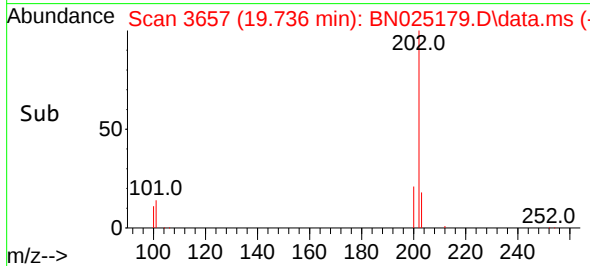
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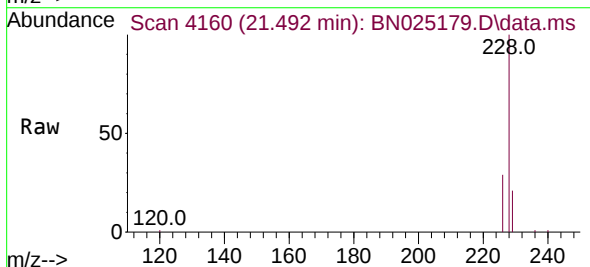
Tgt Ion:202 Resp: 916652
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.2 9.2 13.8

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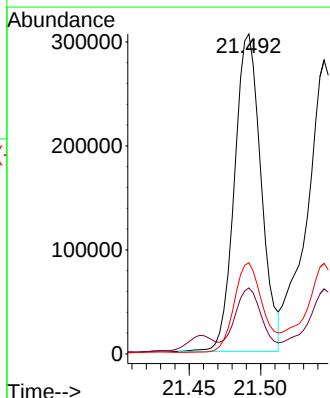
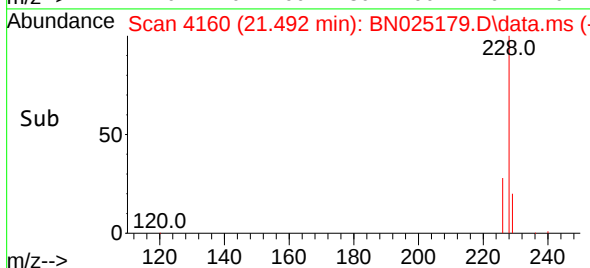
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

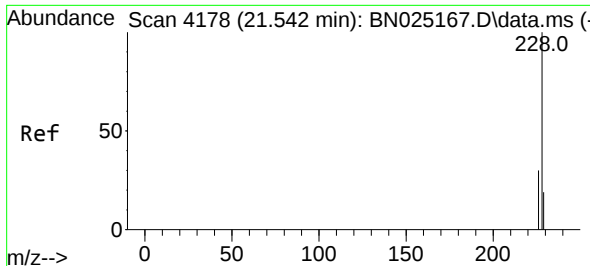


#21
Benzo(a)anthracene
Concen: 5.104 ng/u1
RT: 21.492 min Scan# 4160
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



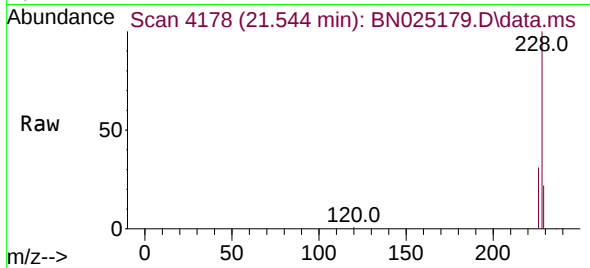
Tgt Ion:228 Resp: 395957
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.5 22.1 33.1





#22
Chrysene
Concen: 4.948 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

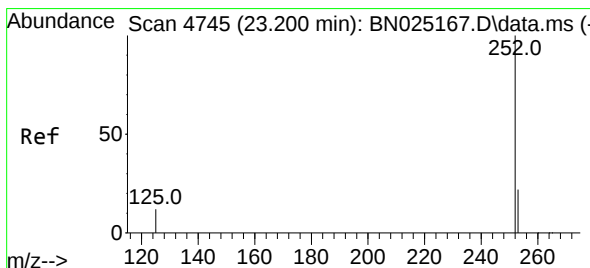
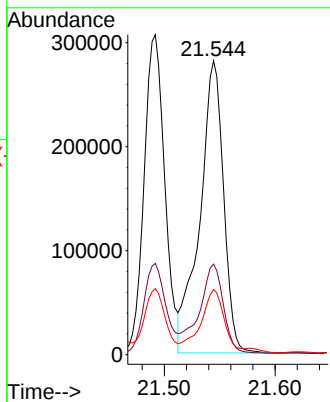
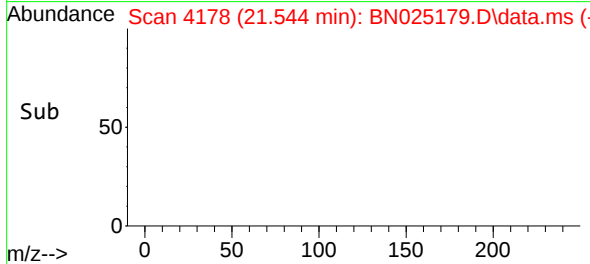
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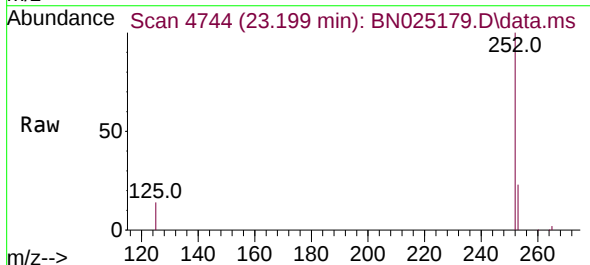
Tgt Ion:228 Resp: 41872
Ion Ratio Lower Upper
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226 30.8 24.5 36.7
229 22.2 15.8 23.6

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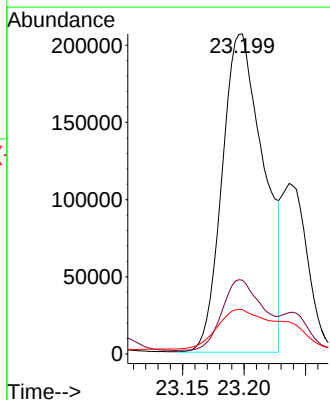
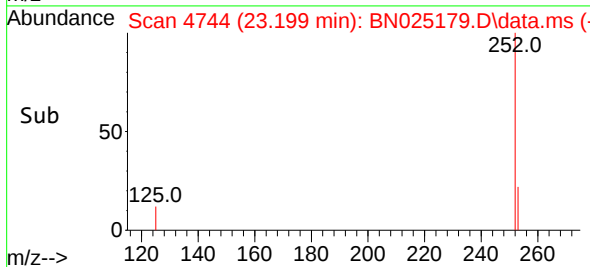
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

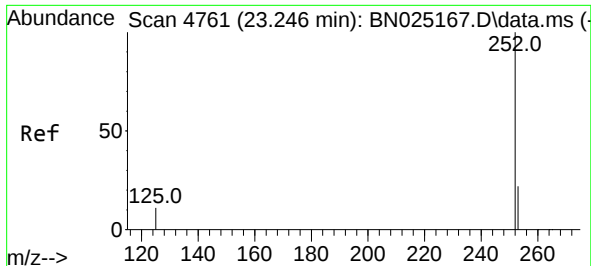


#24
Benzo(b)fluoranthene
Concen: 5.611 ng/ul m
RT: 23.199 min Scan# 4744
Delta R.T. -0.001 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



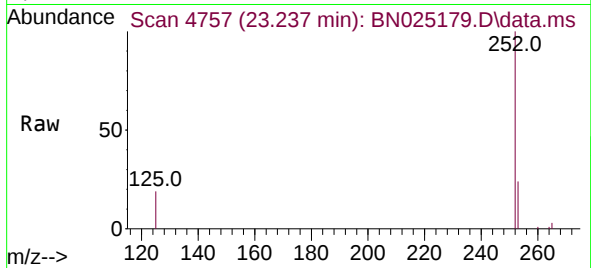
Tgt Ion:252 Resp: 485449
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.8 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 1.895 ng/ul m
RT: 23.237 min Scan# 4757
Delta R.T. -0.010 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

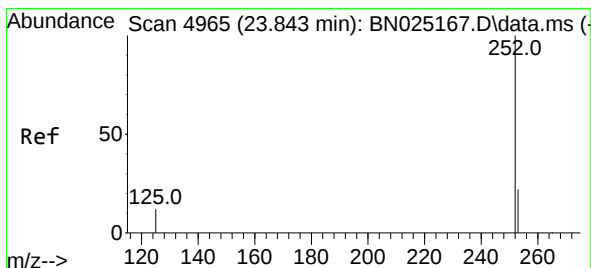
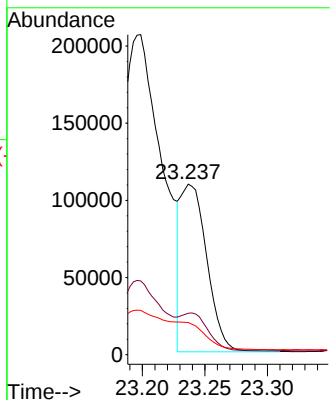
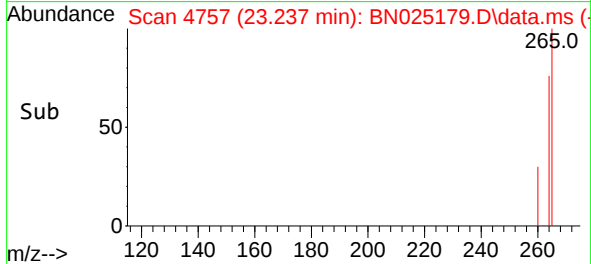
Instrument :
BNA_N
ClientSampleId :
EW8Z2



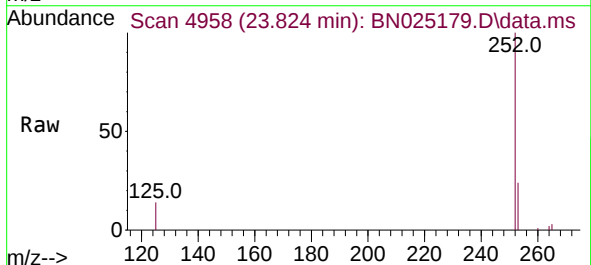
Tgt Ion:252 Resp: 15772
Ion Ratio Lower Upper
252 100
253 24.3 20.2 30.4
125 18.8 11.8 17.8

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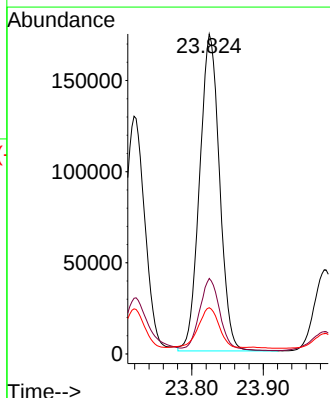
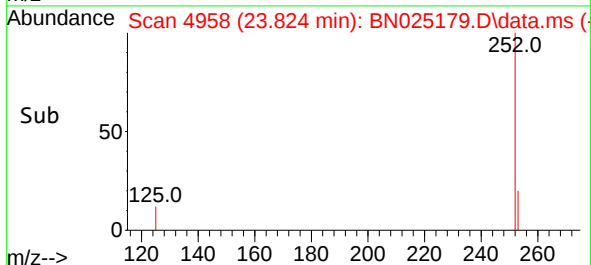
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

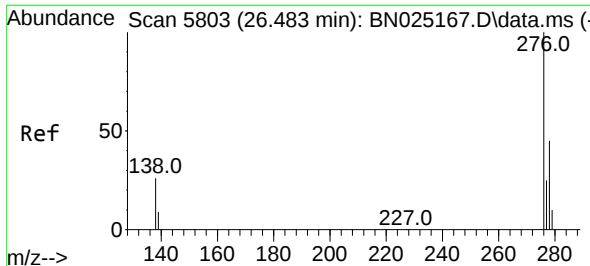


#26
Benzo(a)pyrene
Concen: 4.701 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.019 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



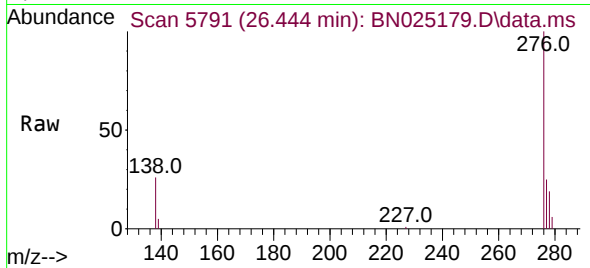
Tgt Ion:252 Resp: 336486
Ion Ratio Lower Upper
252 100
253 23.6 21.4 32.2
125 14.5 14.6 22.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.866 ng/ul
RT: 26.444 min Scan# 5791
Delta R.T. -0.038 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

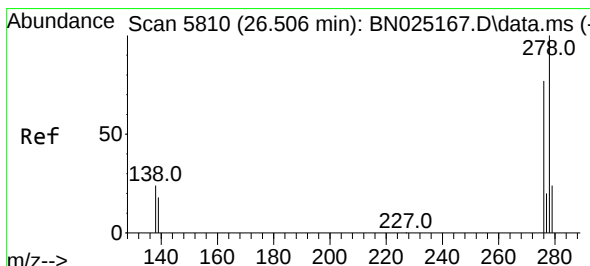
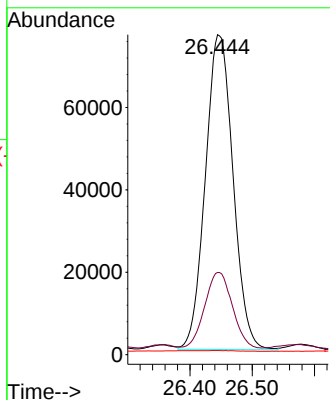
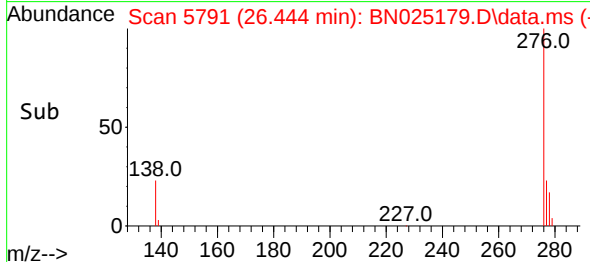
Instrument :
BNA_N
ClientSampleId :
EW8Z2



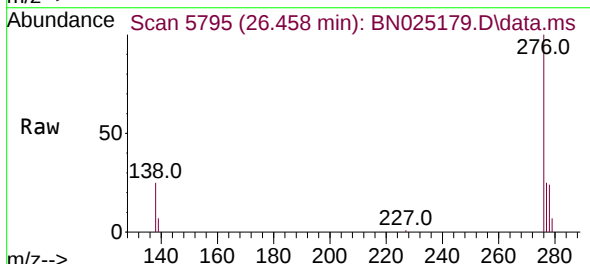
Tgt Ion:276 Resp: 236419
Ion Ratio Lower Upper
276 100
138 24.0 21.9 32.9
227 0.0 0.1 0.1

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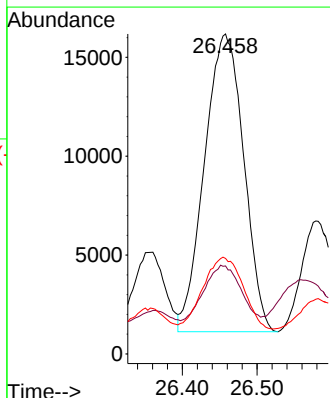
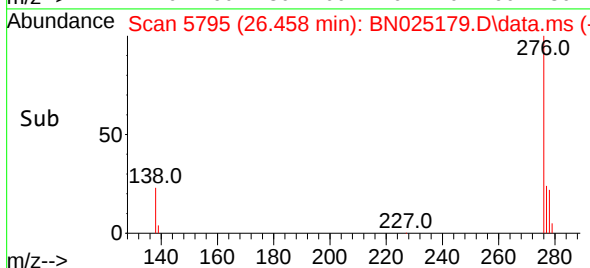
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

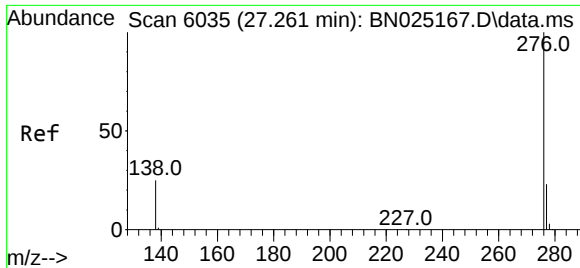


#28
Dibenzo(a,h)anthracene
Concen: 0.853 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. -0.048 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58



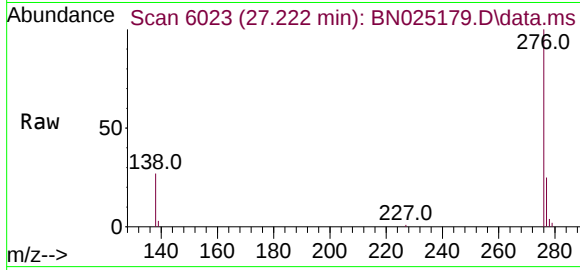
Tgt Ion:278 Resp: 54982
Ion Ratio Lower Upper
278 100
139 27.5 17.0 25.6#
279 29.9 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 2.972 ng/ul
 RT: 27.222 min Scan# 60
 Delta R.T. -0.038 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2



Tgt Ion: 276 Resp: 208428

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.3	30.5
277	24.8	19.8	29.6

Manual Integrations
 APPROVED

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

