

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025789.D
 Acq On : 12 Jun 2023 19:35
 Operator : MA/JU
 Sample : 02960-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 00:03:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	25943	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	14423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	29070	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	16591	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	13794	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	15807	1.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	3977	0.121	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	7907	0.151	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	1458	0.022	ng/ul#	83
10) Acenaphthylene	14.363	152	1518	0.027	ng/ul#	83
11) Acenaphthene	14.705	153	2127	0.045	ng/ul	99
12) Fluorene	15.686	166	3291	0.062	ng/ul	99
15) Phenanthrene	17.424	178	110426	1.302	ng/ul	100
16) Anthracene	17.517	178	16488	0.230	ng/ul	98
19) Fluoranthene	19.439	202	314995	4.151	ng/ul	98
20) Pyrene	19.796	202	283498	3.609	ng/ul	98
21) Benzo(a)anthracene	21.547	228	103915	1.964	ng/ul	99
22) Chrysene	21.603	228	135661	2.242	ng/ul	98
24) Benzo(b)fluoranthene	23.286	252	152213m	2.698	ng/ul	
25) Benzo(k)fluoranthene	23.333	252	51464m	0.910	ng/ul	
26) Benzo(a)pyrene	23.935	252	94846	1.983	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.646	276	80277	1.473	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.659	278	17326	0.420	ng/ul	99
29) Benzo(g,h,i)perylene	27.450	276	79323	1.622	ng/ul	98

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

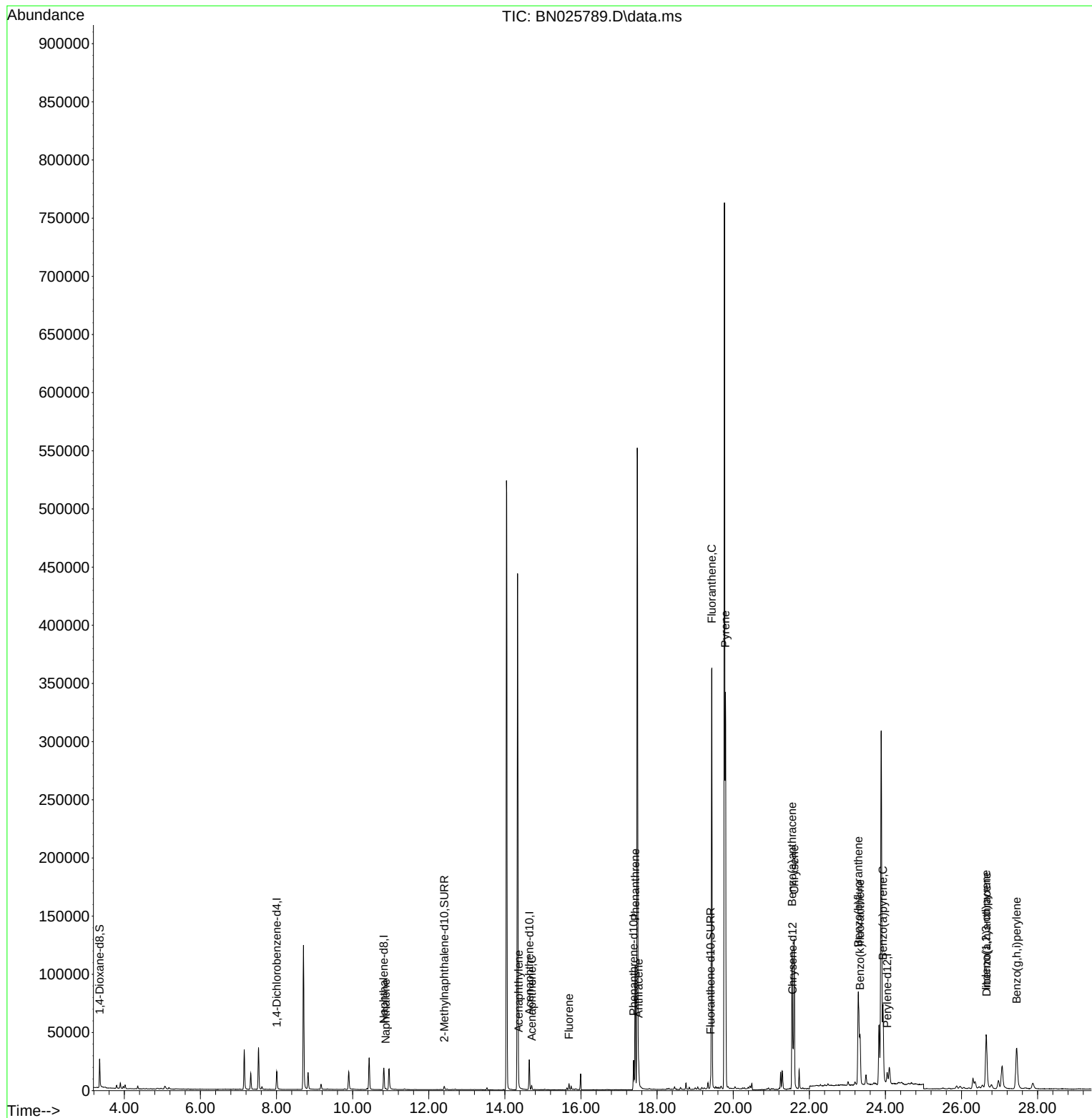
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025789.D
Acq On : 12 Jun 2023 19:35
Operator : MA/JU
Sample : 02960-03
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ALS Vial : 12 Sample Multiplier: 1

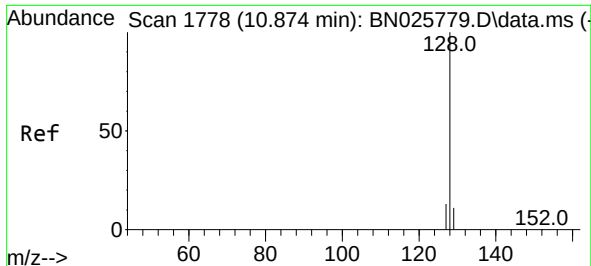
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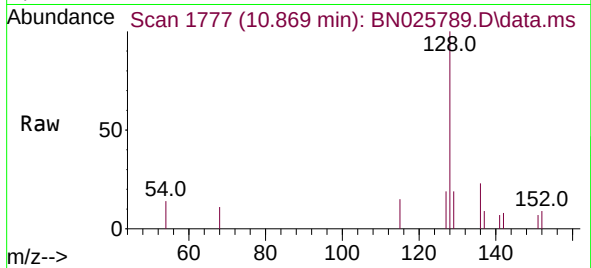
Quant Time: Jun 13 00:03:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

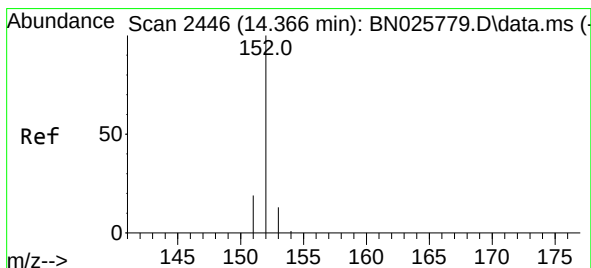
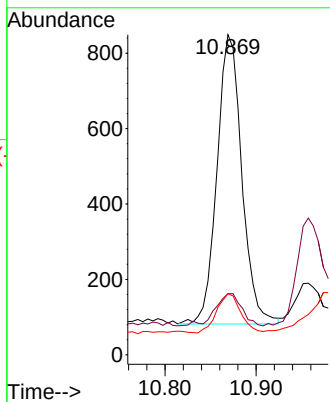
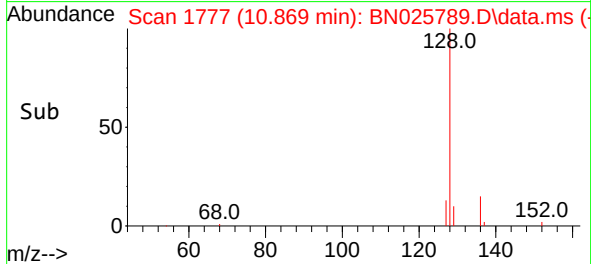
Instrument :
BNA_N
ClientSampleId :
H0FN7



Tgt Ion:128 Resp: 1458
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7
127 19.1 10.5 15.7

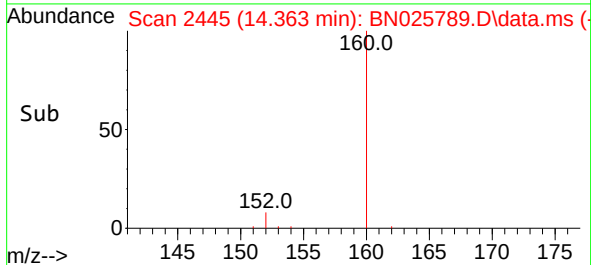
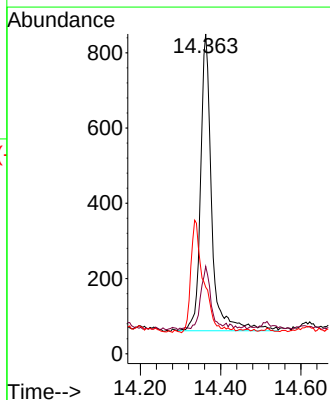
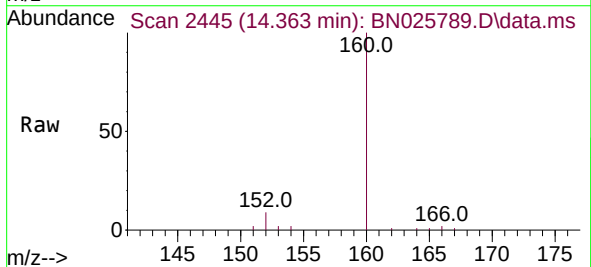
Manual Integrations
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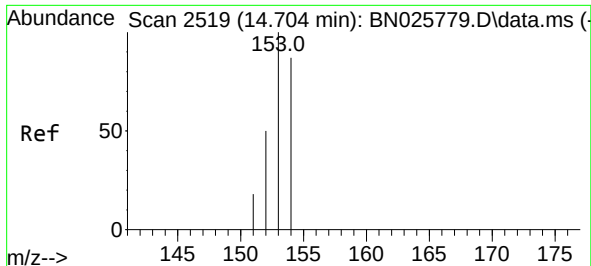
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.363 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

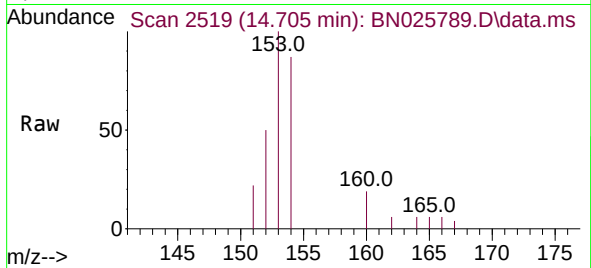
Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
151 27.3 16.0 24.0#
153 20.8 10.7 16.1#





#11
Acenaphthene
Concen: 0.045 ng/u1
RT: 14.705 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

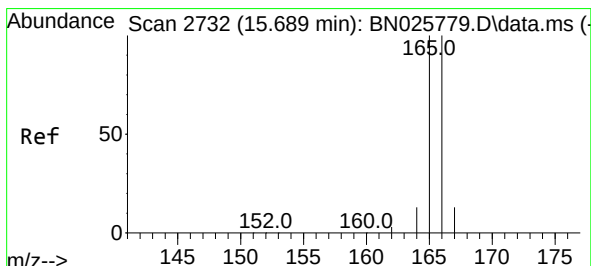
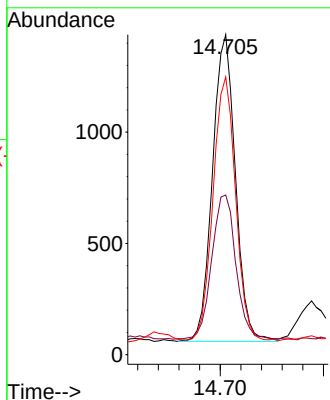
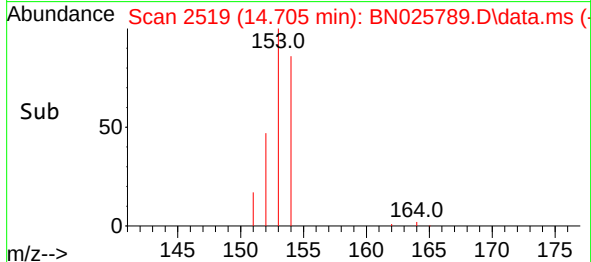
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 2127
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 86.8 68.8 103.2

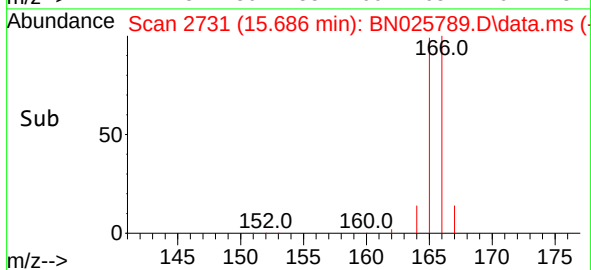
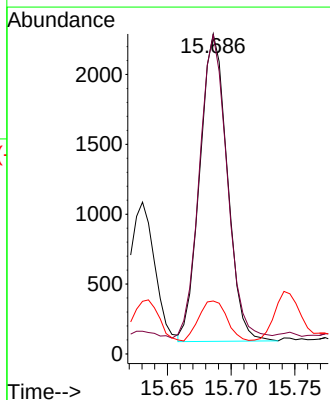
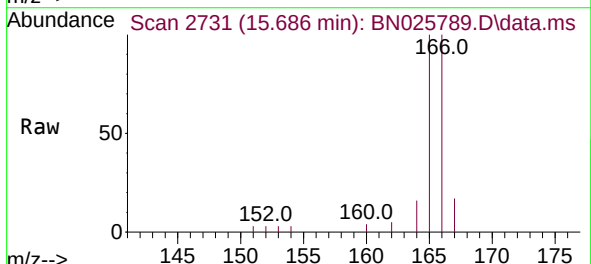
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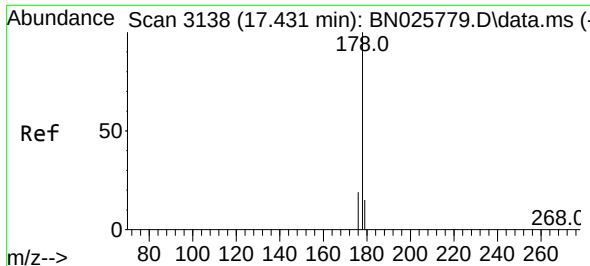
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

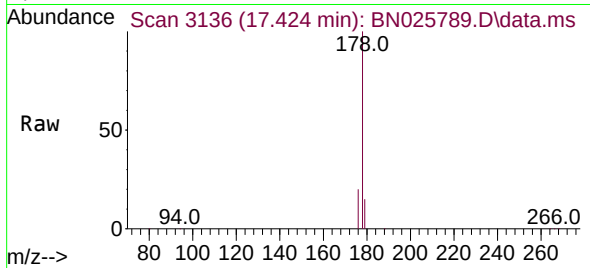
Tgt Ion:166 Resp: 3291
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 16.6 11.0 16.6





#15
Phenanthrene
Concen: 1.302 ng/ul
RT: 17.424 min Scan# 3138
Delta R.T. -0.007 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

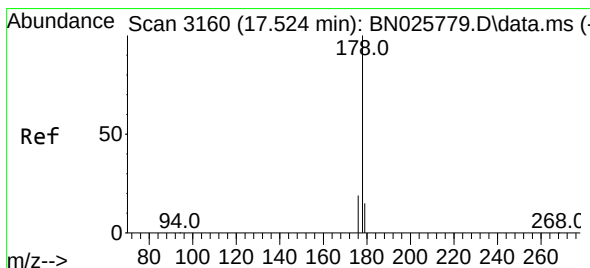
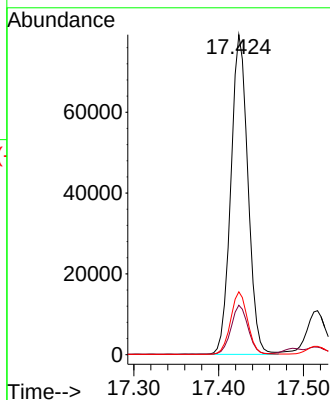
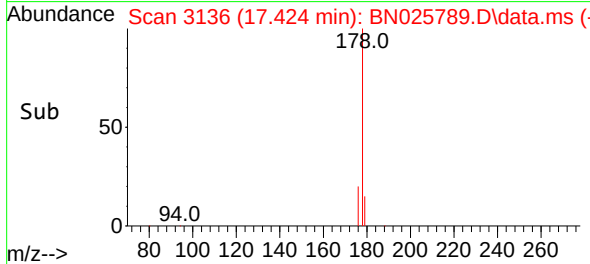
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 110420
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.6 15.8 23.8

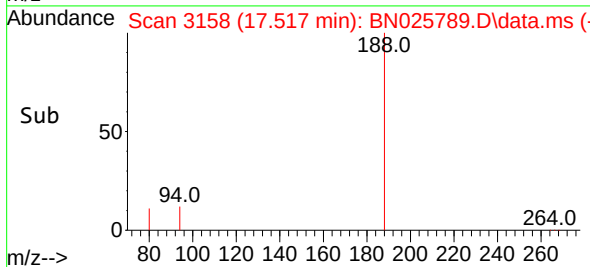
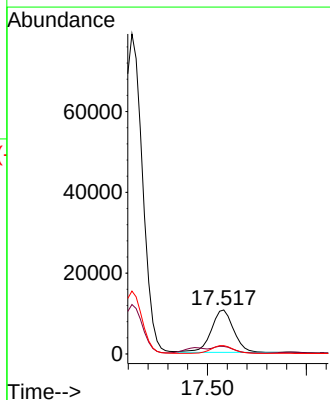
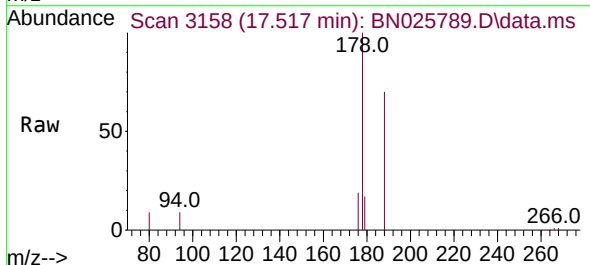
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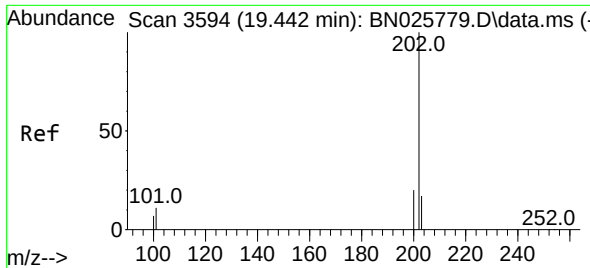
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
Anthracene
Concen: 0.230 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:178 Resp: 16488
Ion Ratio Lower Upper
178 100
179 17.0 12.6 19.0
176 18.8 15.4 23.2





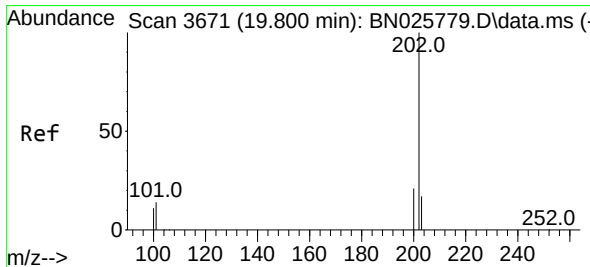
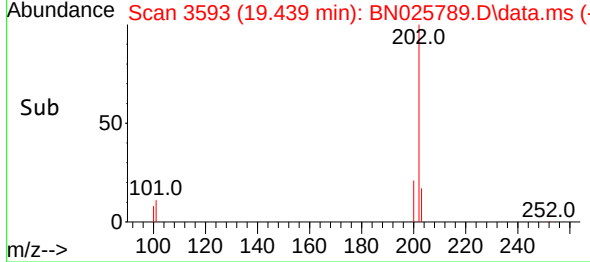
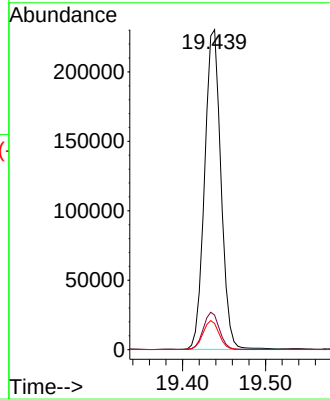
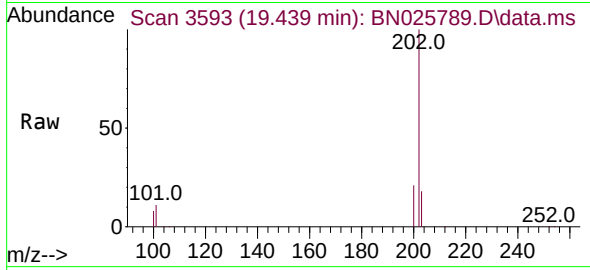
#19
Fluoranthene
Concen: 4.151 ng/u1
RT: 19.439 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:202 Resp: 31499
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.2 7.0 10.6

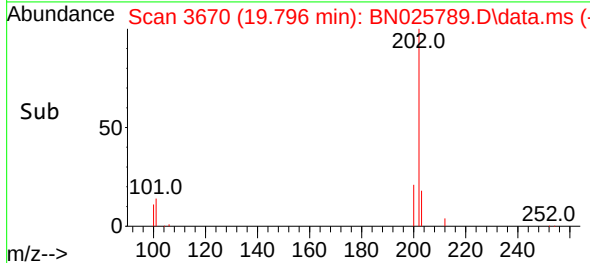
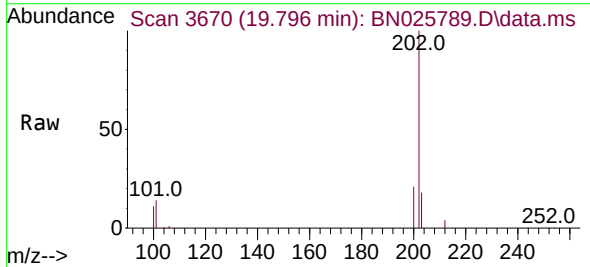
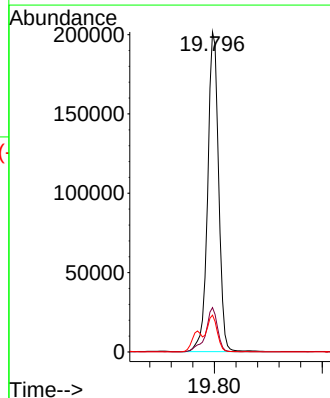
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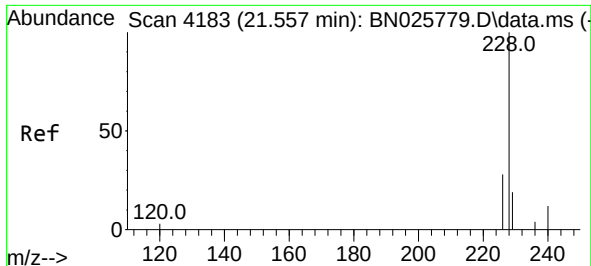
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#20
Pyrene
Concen: 3.609 ng/u1
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

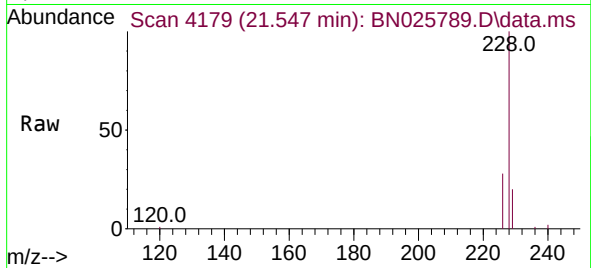
Tgt Ion:202 Resp: 283498
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 11.5 8.8 13.2





#21
Benzo(a)anthracene
Concen: 1.964 ng/ul
RT: 21.547 min Scan# 4183
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

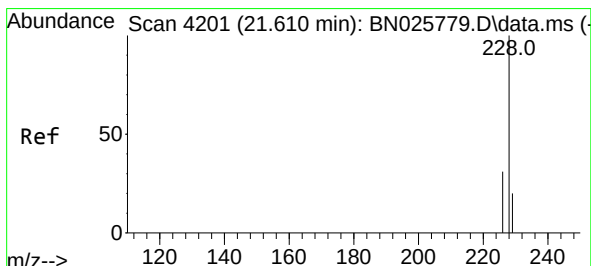
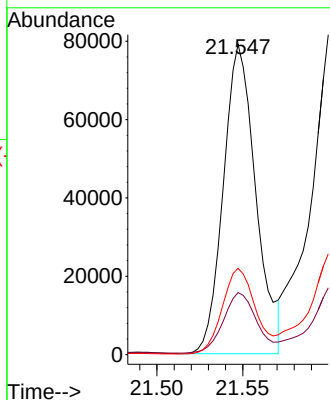
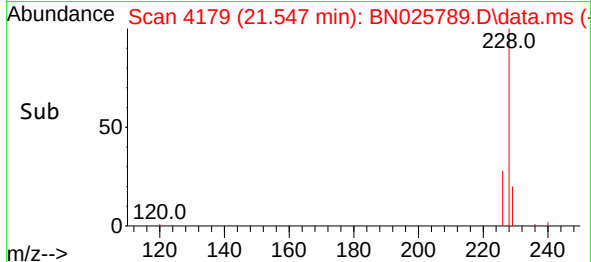
Instrument :
BNA_N
ClientSampleId :
H0FN7



Tgt Ion:228 Resp: 103915
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.9 22.0 33.0

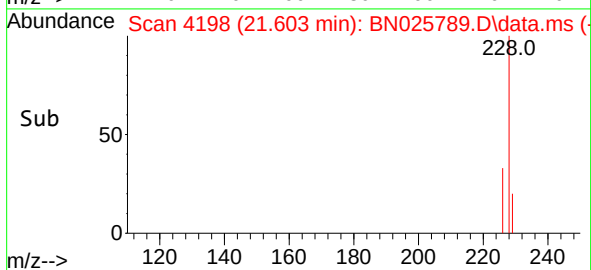
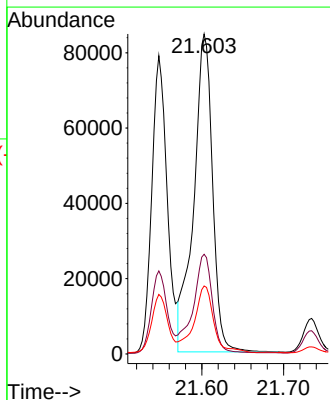
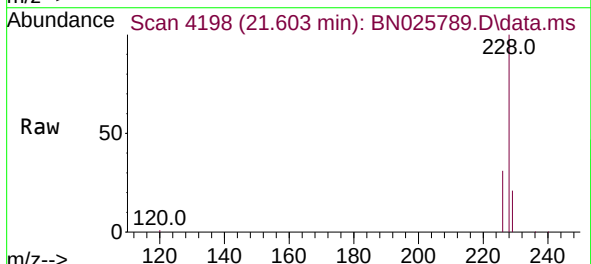
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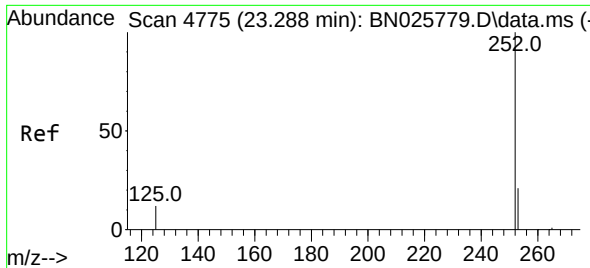
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#22
Chrysene
Concen: 2.242 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

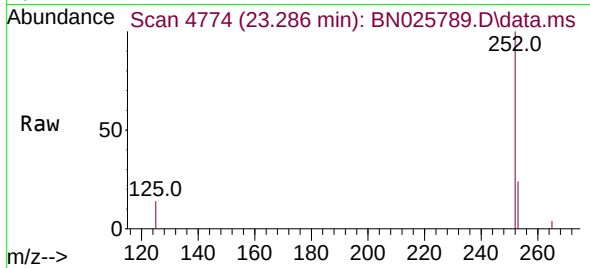
Tgt Ion:228 Resp: 135661
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.698 ng/ul m
RT: 23.286 min Scan# 4775
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

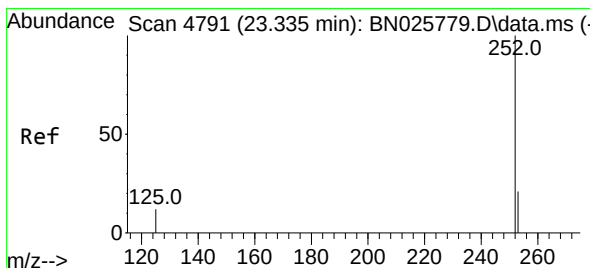
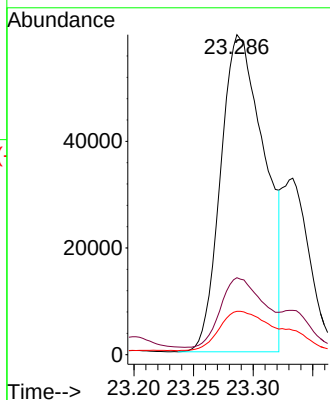
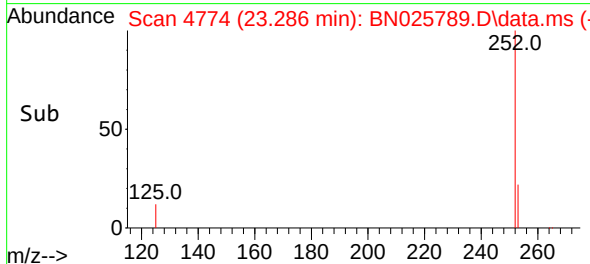
Instrument :
BNA_N
ClientSampleId :
H0FN7



Tgt Ion:252 Resp: 15221
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.0
125 13.5 0.0 28.0

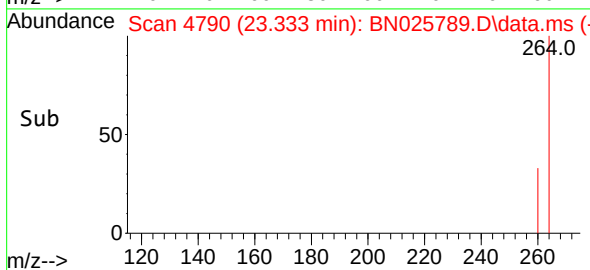
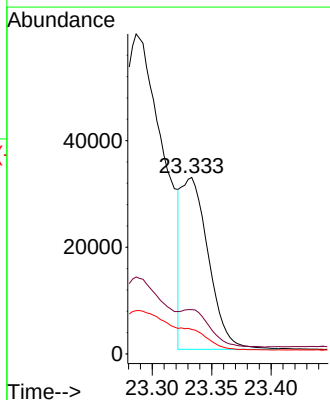
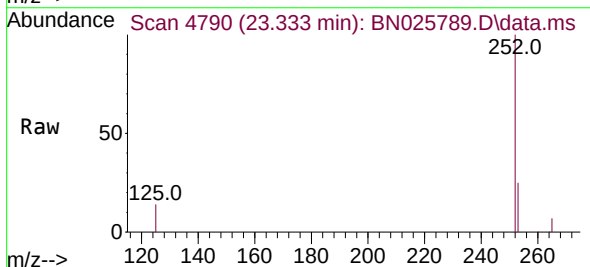
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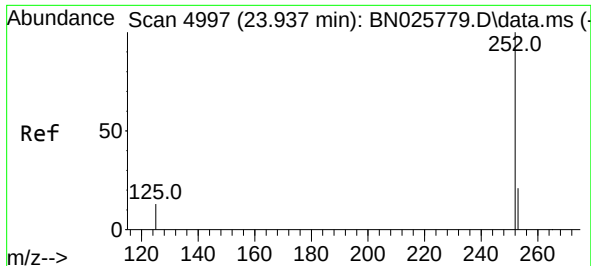
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#25
Benzo(k)fluoranthene
Concen: 0.910 ng/ul m
RT: 23.333 min Scan# 4790
Delta R.T. -0.008 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

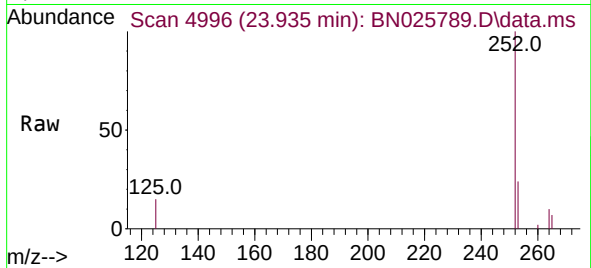
Tgt Ion:252 Resp: 51464
Ion Ratio Lower Upper
252 100
253 25.1 23.3 34.9
125 13.8 11.6 17.4





#26
Benzo(a)pyrene
Concen: 1.983 ng/ul
RT: 23.935 min Scan# 4996
Delta R.T. -0.008 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

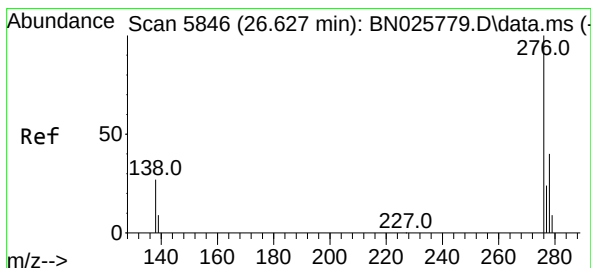
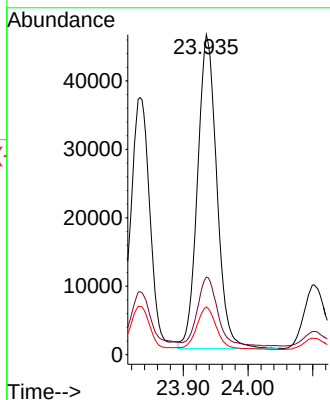
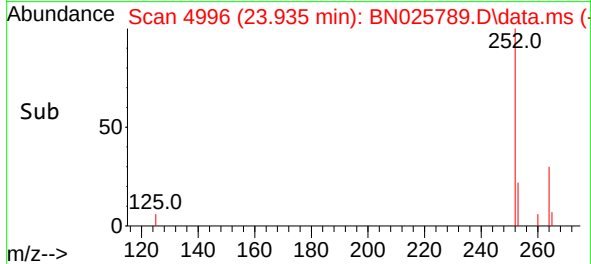
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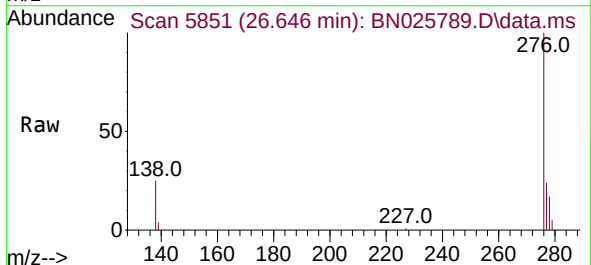
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Ion Ratio Lower Upper
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125 14.9 13.5 20.3

Manual Integrations
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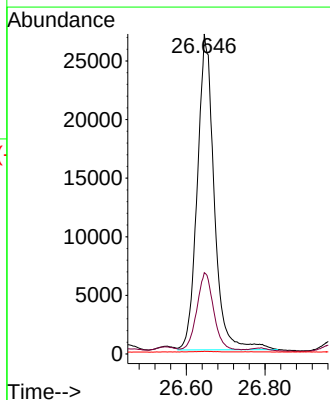
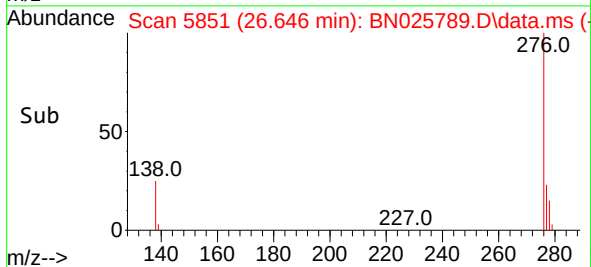
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

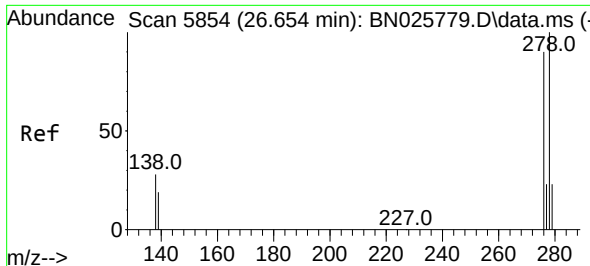


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.473 ng/ul
RT: 26.646 min Scan# 5851
Delta R.T. -0.012 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35



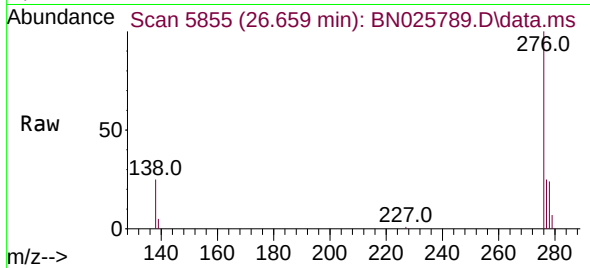
Tgt Ion:276 Resp: 80277
Ion Ratio Lower Upper
276 100
138 24.7 24.6 36.8
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.659 min Scan# 5855
Delta R.T. -0.026 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

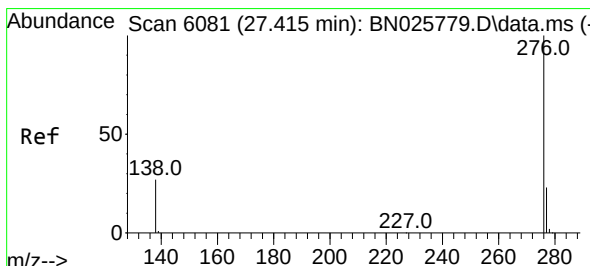
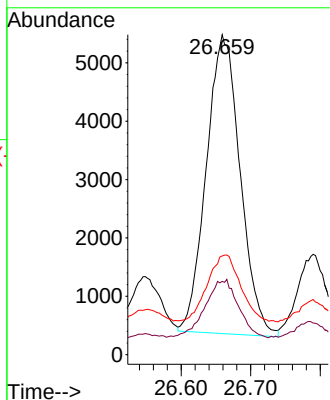
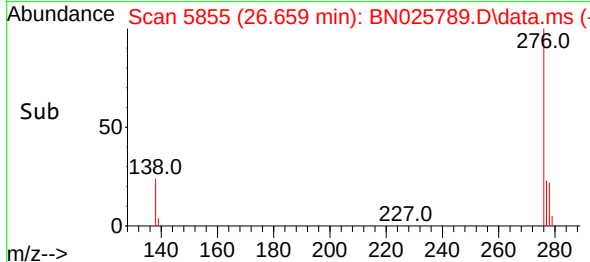
Instrument :
BNA_N
ClientSampleId :
H0FN7



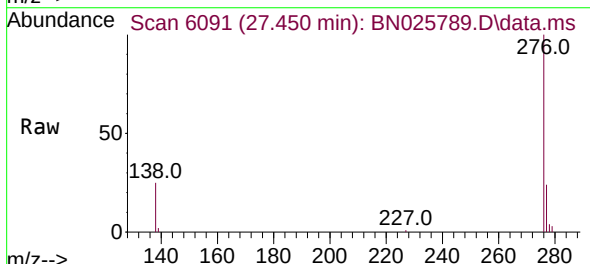
Tgt Ion: 278 Resp: 17320
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 30.9 25.3 37.9

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 06/13/2023
Supervised By : mohammad ahmed 06/13/2023



#29
Benzo(g,h,i)perylene
Concen: 1.622 ng/ul
RT: 27.450 min Scan# 6091
Delta R.T. 0.001 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35



Tgt Ion: 276 Resp: 79323
Ion Ratio Lower Upper
276 100
138 25.5 21.8 32.8
277 23.9 19.4 29.2

