

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025788.D
 Acq On : 12 Jun 2023 18:59
 Operator : MA/JU
 Sample : 02960-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 00:03:31 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	8316	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	24988	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14209	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	29507	0.400	ng/ul	0.00
17) Chrysene-d12	21.563	240	18193	0.400	ng/ul	0.00
23) Perylene-d12	24.048	264	14171	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	11271	1.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	2793	0.088	ng/ul	0.00
18) Fluoranthene-d10	19.409	212	5909	0.103	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.690	166	1084	0.021	ng/ul#	98
15) Phenanthrene	17.427	178	51799	0.602	ng/ul	99
16) Anthracene	17.516	178	5948	0.082	ng/ul#	93
19) Fluoranthene	19.437	202	164590	1.978	ng/ul	100
20) Pyrene	19.800	202	152920	1.775	ng/ul	99
21) Benzo(a)anthracene	21.546	228	56474	0.973	ng/ul	99
22) Chrysene	21.601	228	78224	1.179	ng/ul	99
24) Benzo(b)fluoranthene	23.285	252	88777m	1.532	ng/ul	
25) Benzo(k)fluoranthene	23.332	252	28053m	0.483	ng/ul	
26) Benzo(a)pyrene	23.934	252	53352	1.086	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.644	276	40869	0.730	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.668	278	8718	0.206	ng/ul#	86
29) Benzo(g,h,i)perylene	27.439	276	42213	0.840	ng/ul	100

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

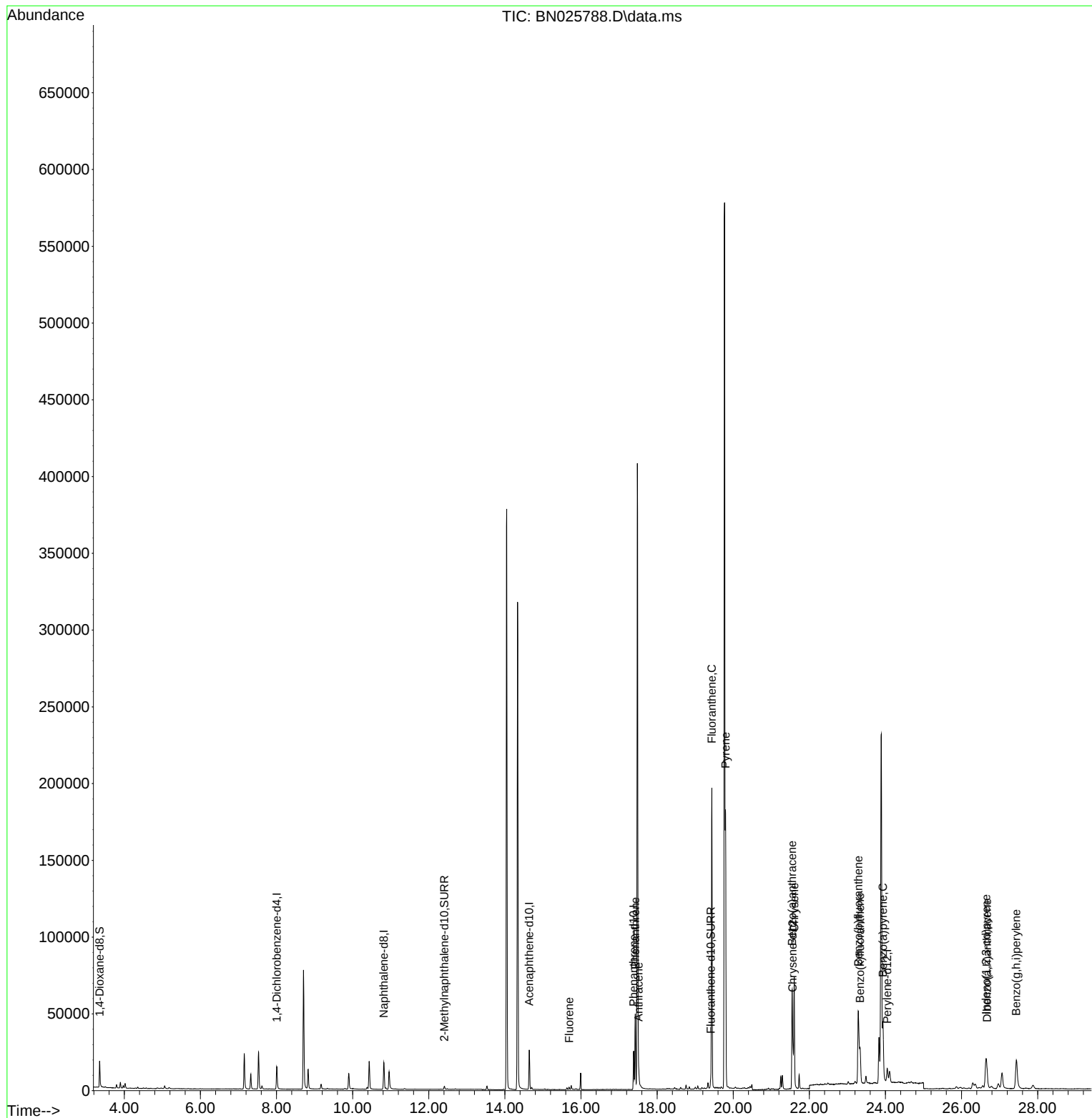
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025788.D
Acq On : 12 Jun 2023 18:59
Operator : MA/JU
Sample : 02960-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

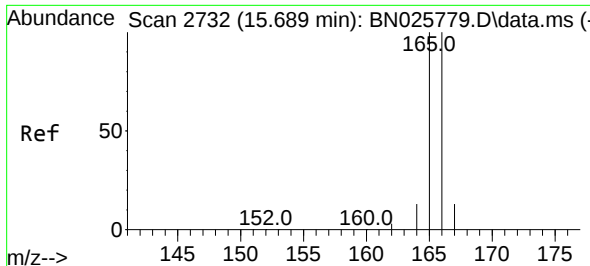
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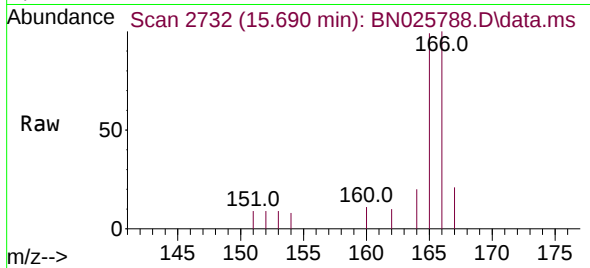
Quant Time: Jun 13 00:03:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
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#12
Fluorene
Concen: 0.021 ng/u1
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

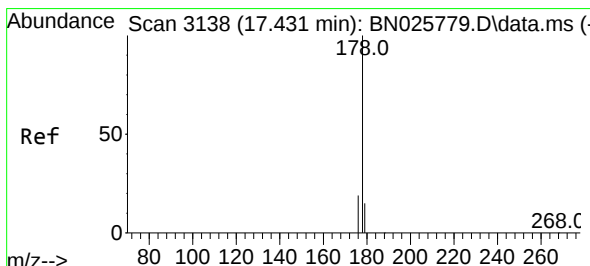
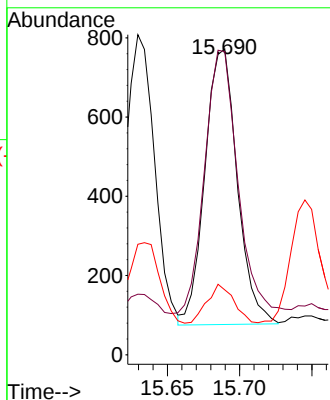
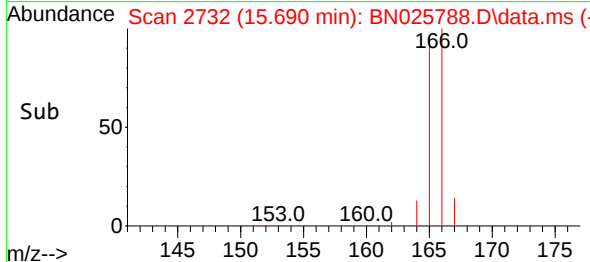
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:166 Resp: 1084
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 21.2 11.0 16.6

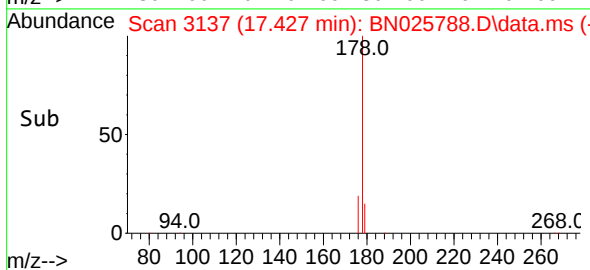
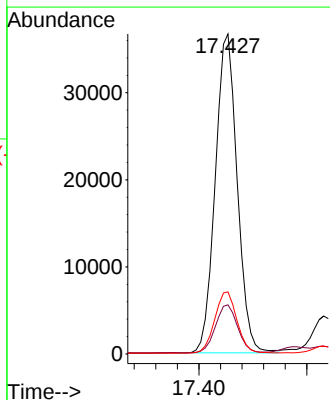
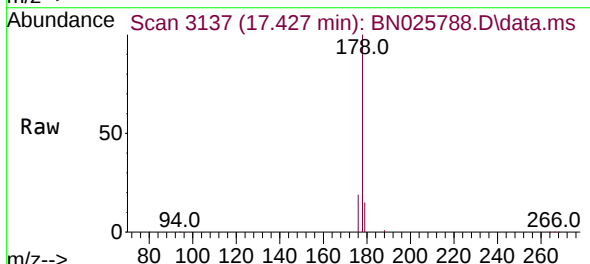
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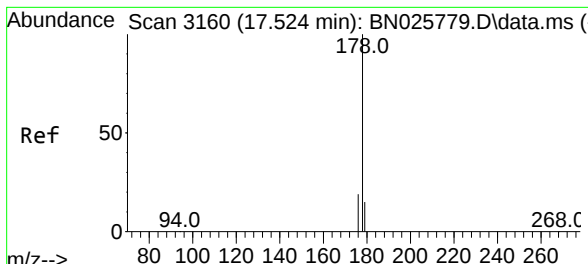
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#15
Phenanthrene
Concen: 0.602 ng/u1
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

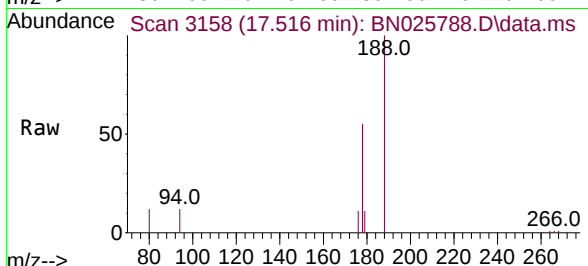
Tgt Ion:178 Resp: 51799
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.4 15.8 23.8





#16
 Anthracene
 Concen: 0.082 ng/ul
 RT: 17.516 min Scan# 3160
 Delta R.T. -0.008 min
 Lab File: BN025788.D
 Acq: 12 Jun 2023 18:59

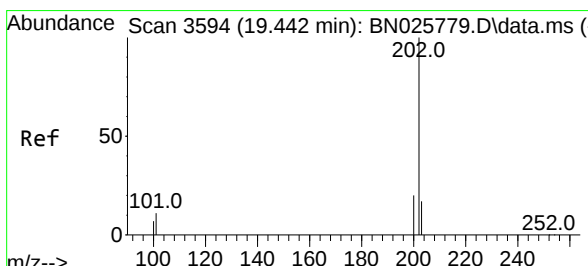
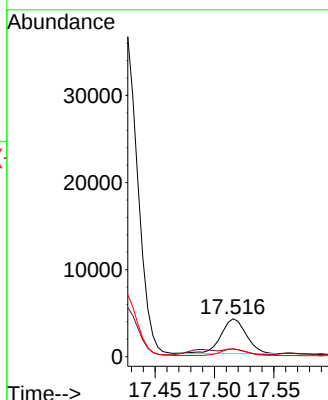
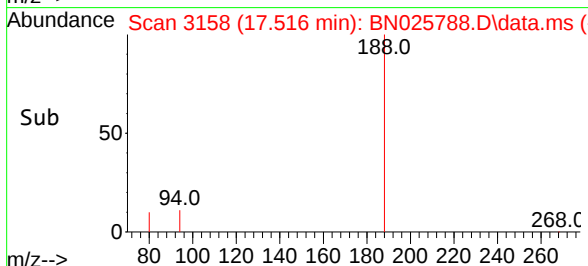
Instrument :
 BNA_N
 ClientSampleId :
 H0FN6



Tgt Ion:178 Resp: 5948
 Ion Ratio Lower Upper
 178 100
 179 20.3 12.6 19.0
 176 20.7 15.4 23.2

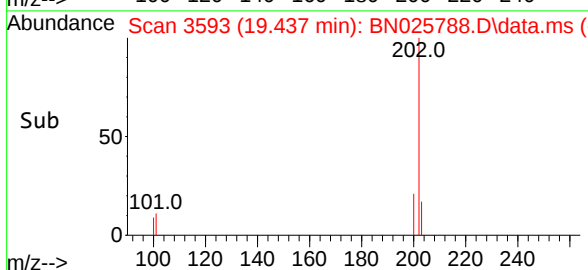
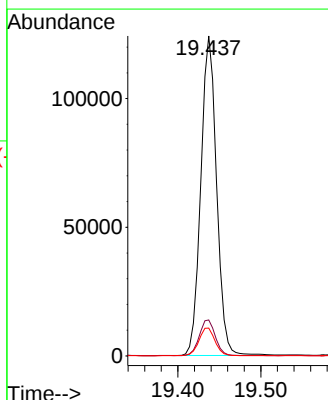
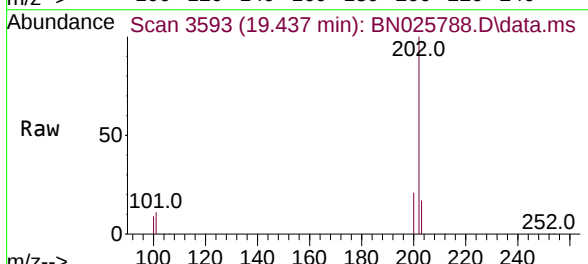
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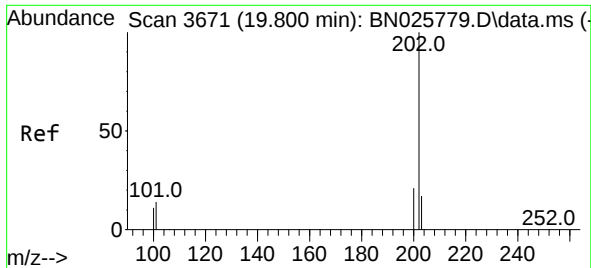
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#19
 Fluoranthene
 Concen: 1.978 ng/ul
 RT: 19.437 min Scan# 3593
 Delta R.T. -0.005 min
 Lab File: BN025788.D
 Acq: 12 Jun 2023 18:59

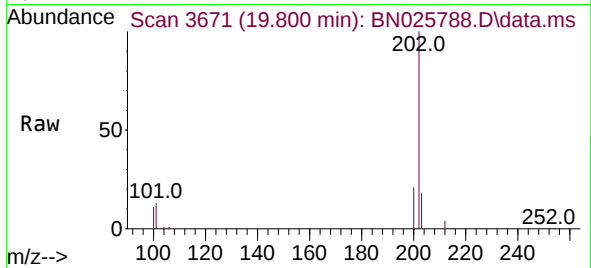
Tgt Ion:202 Resp: 164590
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.1 13.7
 100 8.7 7.0 10.6





#20
Pyrene
Concen: 1.775 ng/ul
RT: 19.800 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

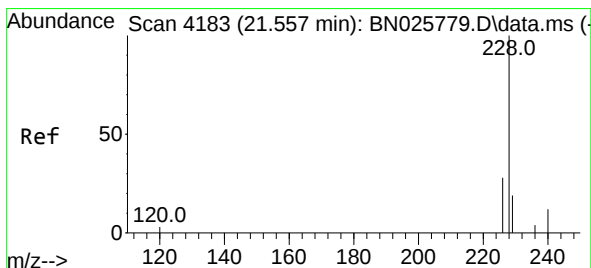
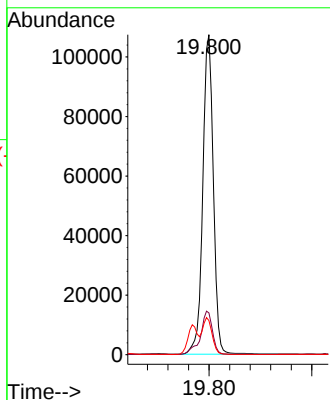
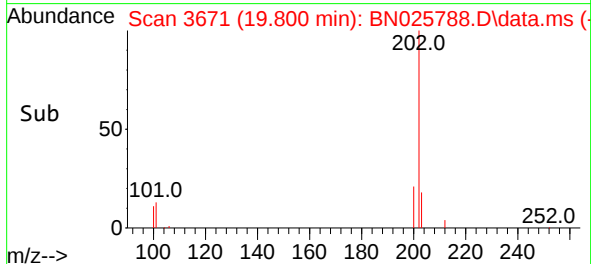
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:202 Resp: 152920
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 10.6 8.8 13.2

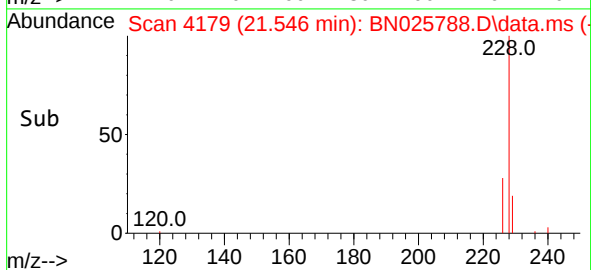
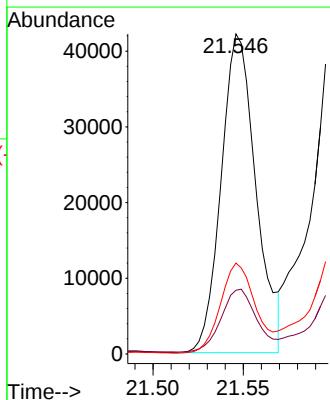
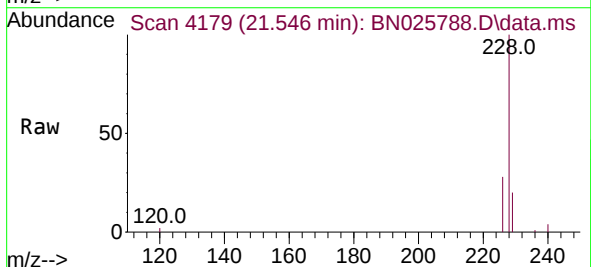
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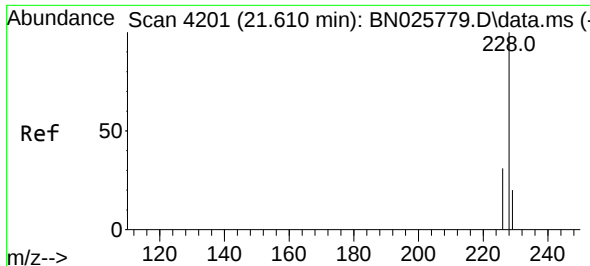
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#21
Benzo(a)anthracene
Concen: 0.973 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

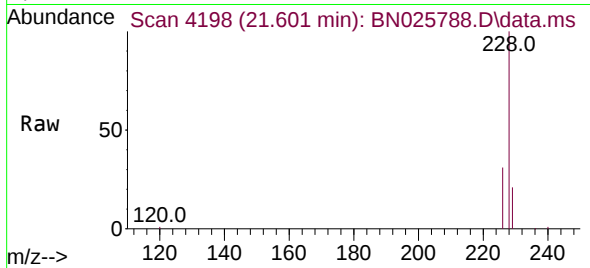
Tgt Ion:228 Resp: 56474
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.4 22.0 33.0





#22
Chrysene
Concen: 1.179 ng/ul
RT: 21.601 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

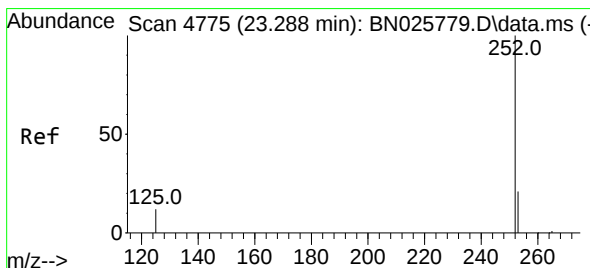
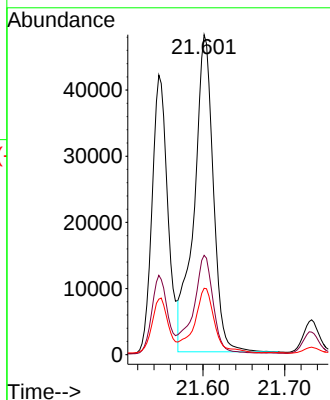
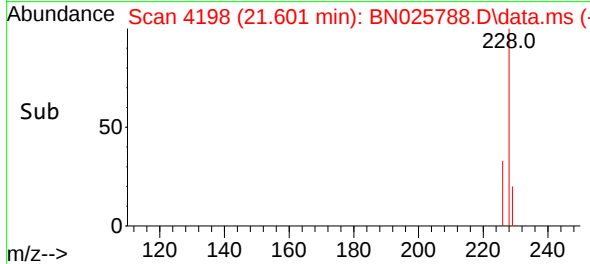
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:228 Resp: 78224
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.7 15.7 23.5

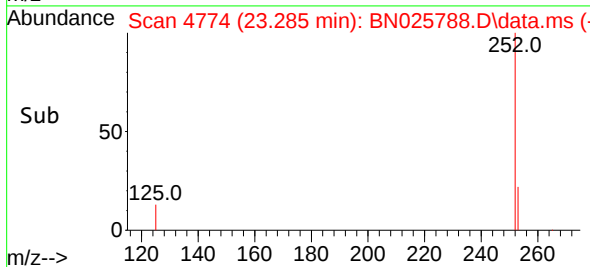
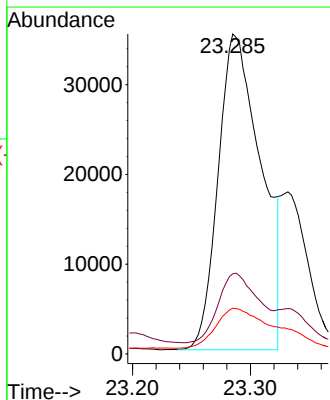
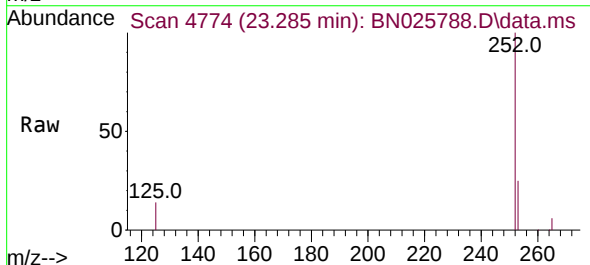
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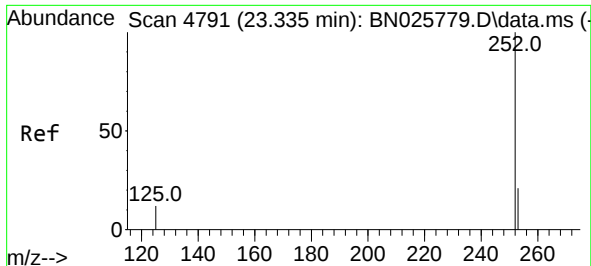
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#24
Benzo(b)fluoranthene
Concen: 1.532 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

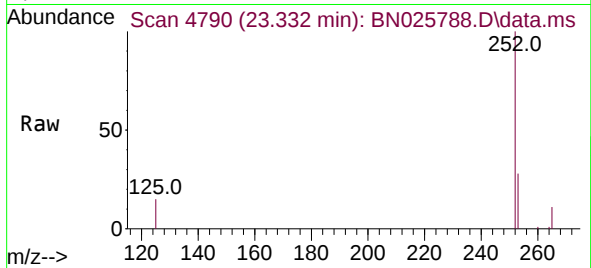
Tgt Ion:252 Resp: 88777
Ion Ratio Lower Upper
252 100
253 25.0 0.0 56.0
125 14.3 0.0 28.0





#25
Benzo(k)fluoranthene
Concen: 0.483 ng/ul m
RT: 23.332 min Scan# 4791
Delta R.T. -0.009 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

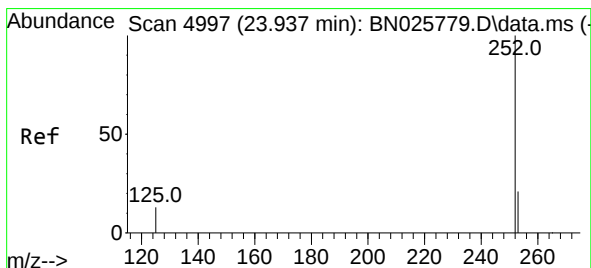
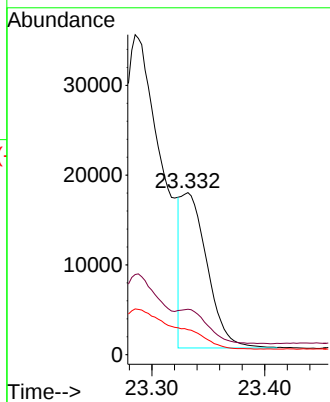
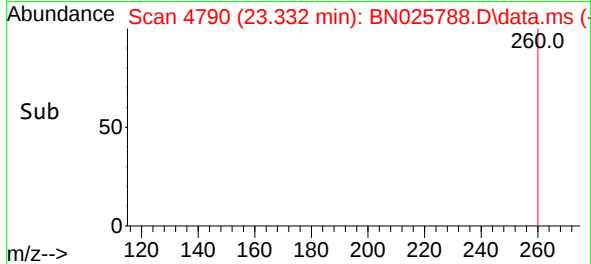
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:252 Resp: 2805
Ion Ratio Lower Upper
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253 28.0 23.3 34.9
125 15.4 11.6 17.4

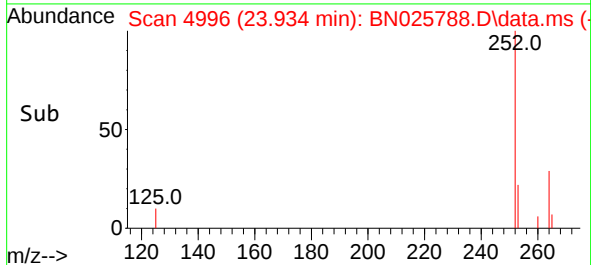
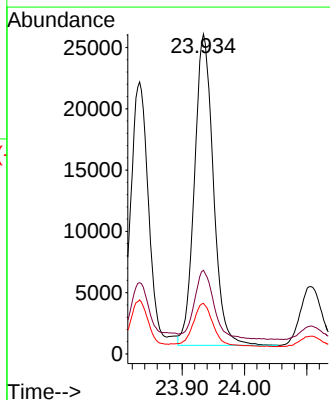
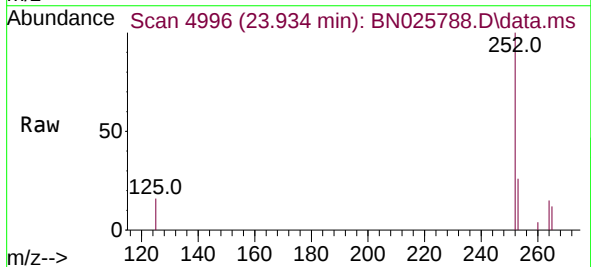
Manual Integrations
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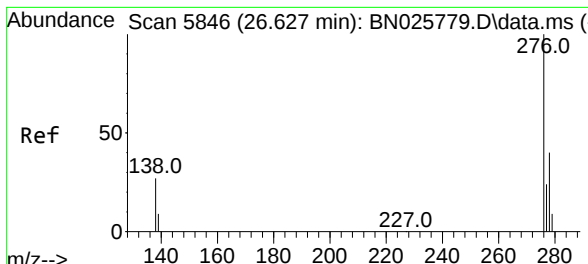
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#26
Benzo(a)pyrene
Concen: 1.086 ng/ul
RT: 23.934 min Scan# 4996
Delta R.T. -0.009 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

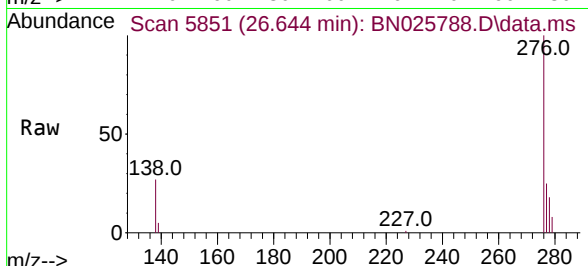
Tgt Ion:252 Resp: 53352
Ion Ratio Lower Upper
252 100
253 26.2 25.8 38.8
125 15.8 13.5 20.3





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.730 ng/ul
 RT: 26.644 min Scan# 5851
 Delta R.T. -0.014 min
 Lab File: BN025788.D
 Acq: 12 Jun 2023 18:59

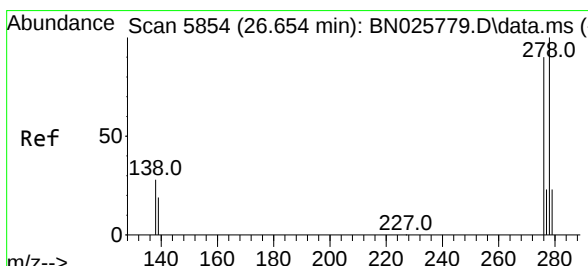
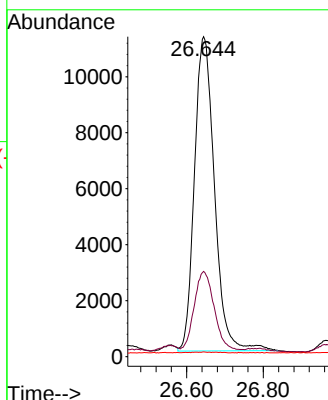
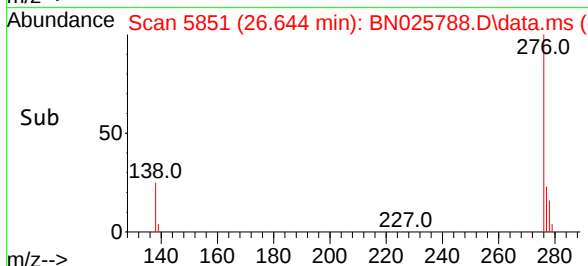
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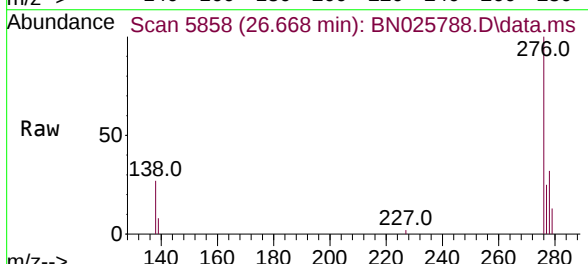
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 Ion Ratio Lower Upper
 276 100
 138 25.4 24.6 36.8
 227 0.1 0.0 0.0

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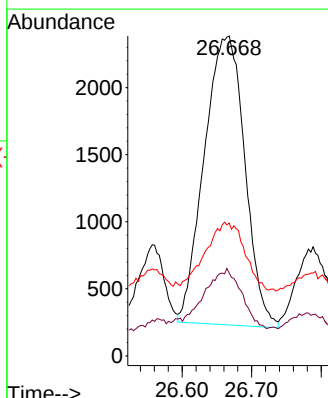
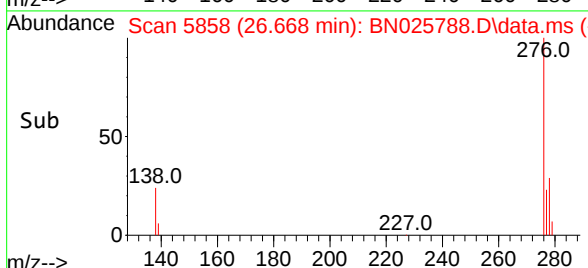
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

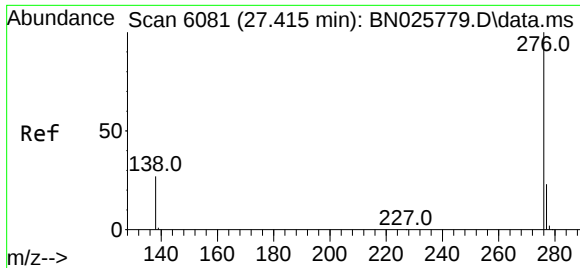


#28
 Dibenzo(a,h)anthracene
 Concen: 0.206 ng/ul
 RT: 26.668 min Scan# 5858
 Delta R.T. -0.017 min
 Lab File: BN025788.D
 Acq: 12 Jun 2023 18:59



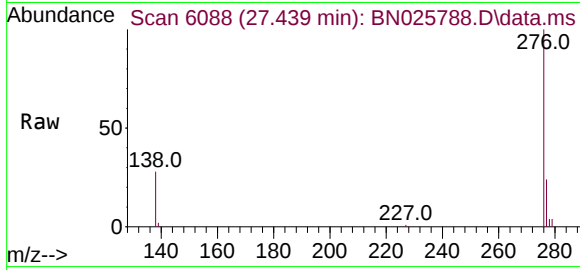
Tgt Ion:278 Resp: 8718
 Ion Ratio Lower Upper
 278 100
 139 25.9 17.9 26.9
 279 41.6 25.3 37.9#





#29
Benzo(g,h,i)perylene
Concen: 0.840 ng/ul
RT: 27.439 min Scan# 6088
Delta R.T. -0.010 min
Lab File: BN025788.D
Acq: 12 Jun 2023 18:59

Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:276 Resp: 4221
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.8
277 24.3 19.4 29.2

Manual Integrations
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