

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025802.D
 Acq On : 13 Jun 2023 12:30
 Operator : MA/JU
 Sample : 02960-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:16:26 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	9156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	27326	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	15448	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	30622	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	15835	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	13847	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	10691	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7517	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	13448	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.423	178	46492	0.521	ng/ul	100
16) Anthracene	17.516	178	6725	0.089	ng/ul#	94
19) Fluoranthene	19.438	202	136485	1.884	ng/ul	99
20) Pyrene	19.800	202	125517	1.674	ng/ul	99
21) Benzo(a)anthracene	21.549	228	42039	0.833	ng/ul	98
22) Chrysene	21.602	228	59875	1.037	ng/ul	99
24) Benzo(b)fluoranthene	23.283	252	68830m	1.215	ng/ul	
25) Benzo(k)fluoranthene	23.329	252	24325m	0.428	ng/ul	
26) Benzo(a)pyrene	23.932	252	44366	0.924	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.631	276	37532	0.686	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.645	278	8025	0.194	ng/ul#	89
29) Benzo(g,h,i)perylene	27.446	276	38764	0.790	ng/ul	99

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

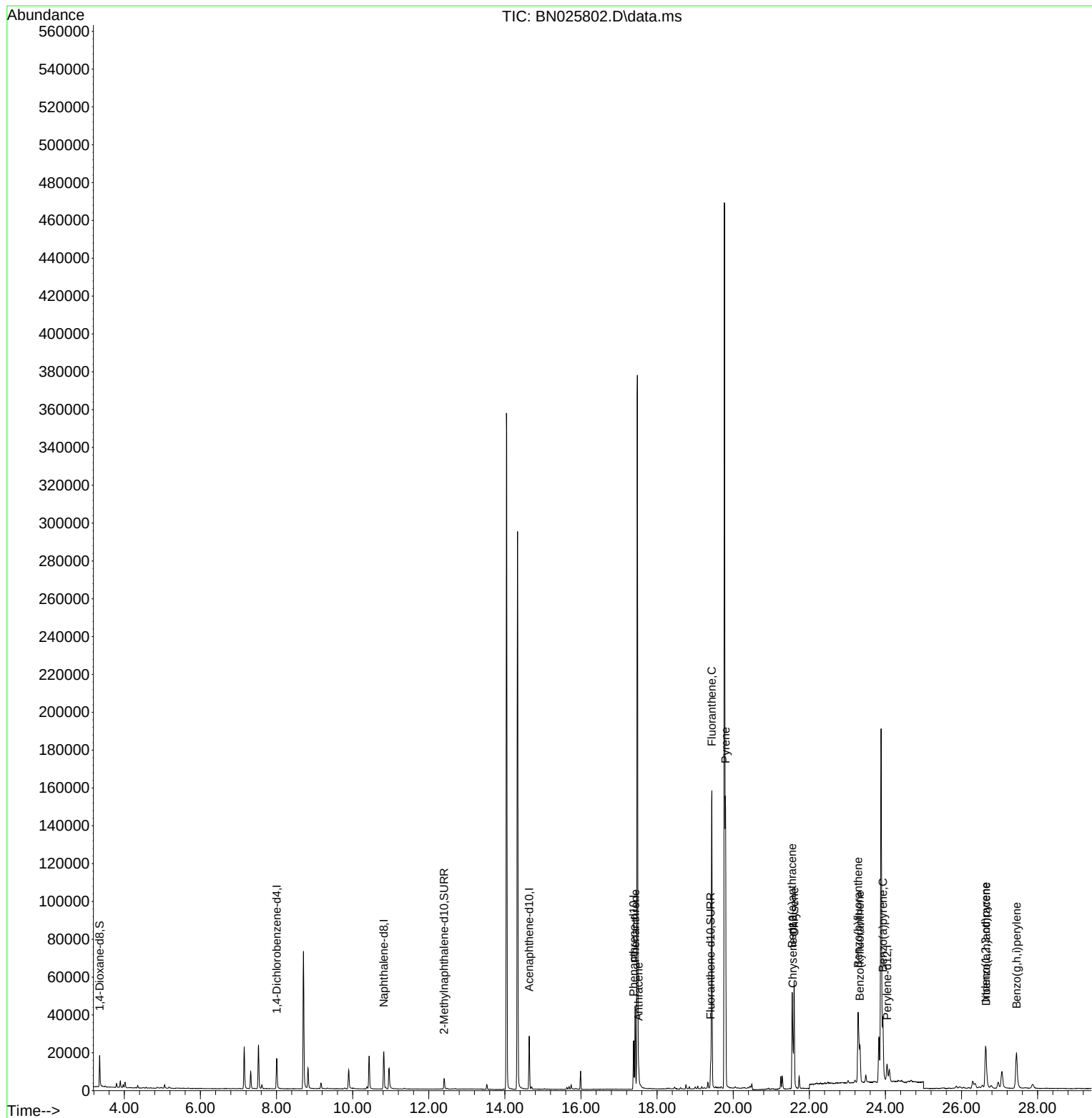
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025802.D
Acq On : 13 Jun 2023 12:30
Operator : MA/JU
Sample : 02960-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

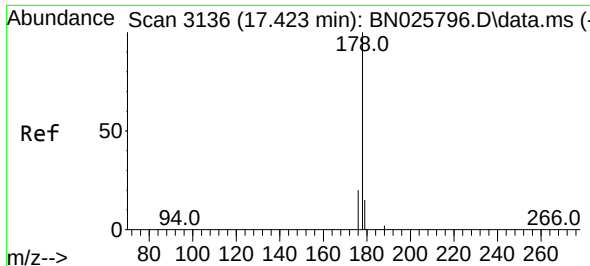
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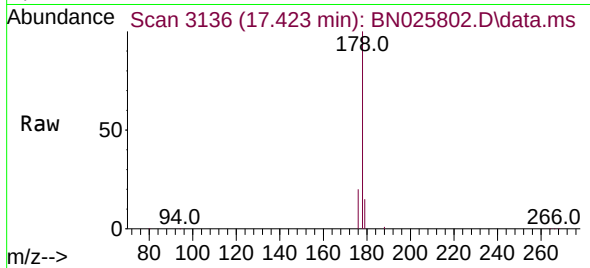
Quant Time: Jun 13 23:16:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
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#15
Phenanthrene
Concen: 0.521 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

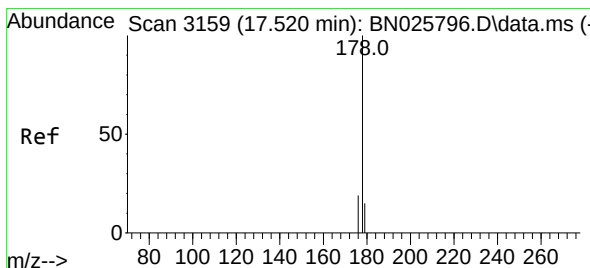
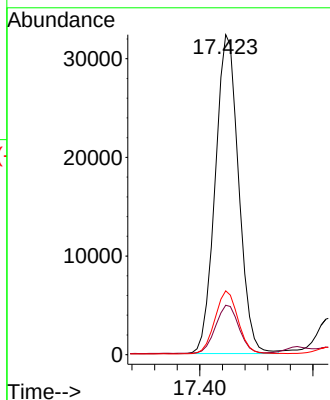
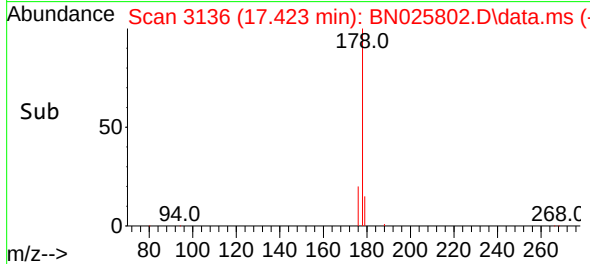
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:178 Resp: 46492
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.9 15.8 23.8

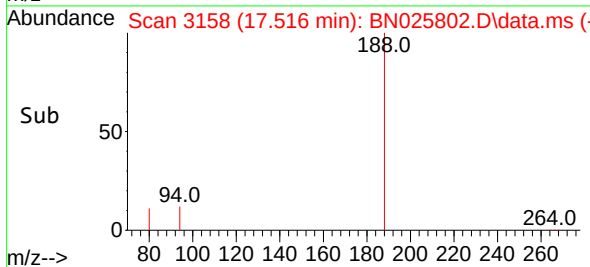
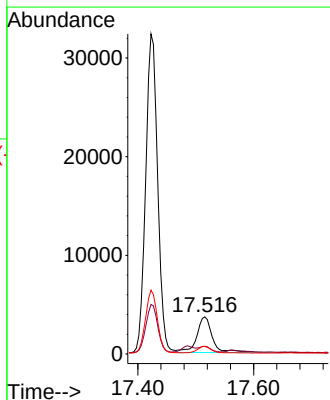
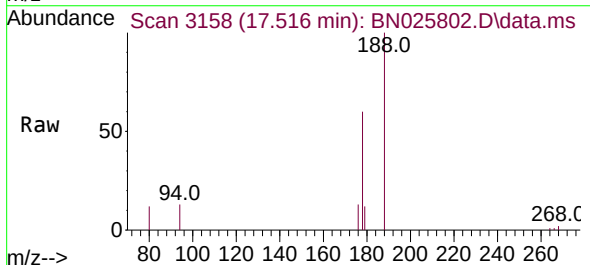
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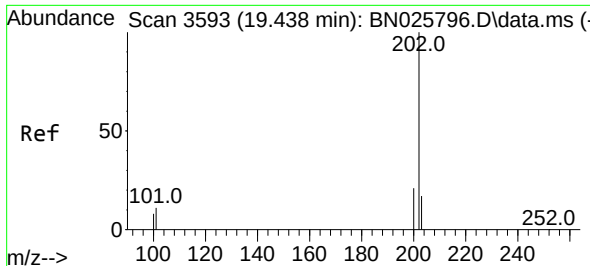
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

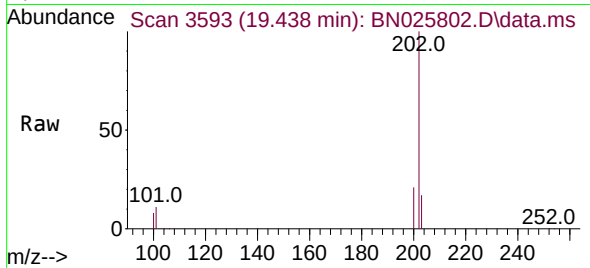
Tgt Ion:178 Resp: 6725
Ion Ratio Lower Upper
178 100
179 19.6 12.6 19.0#
176 20.9 15.4 23.2





#19
Fluoranthene
Concen: 1.884 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

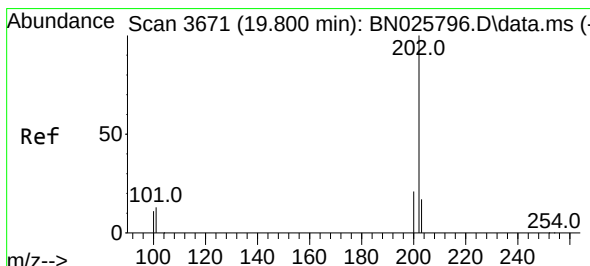
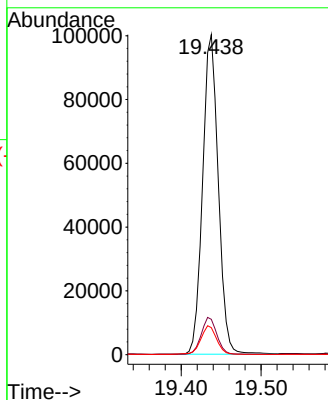
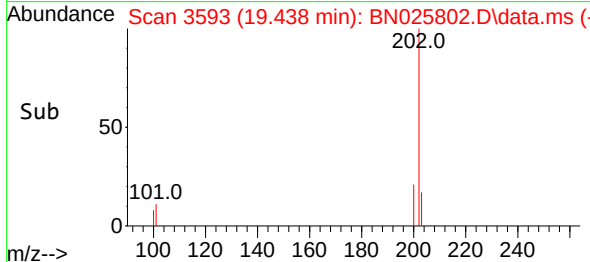
Instrument :
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ClientSampleId :
H0FN6



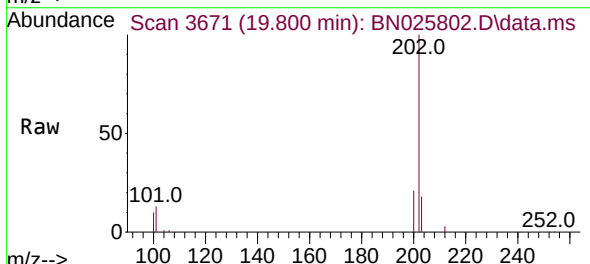
Tgt Ion:202 Resp: 136485
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 8.4 7.0 10.6

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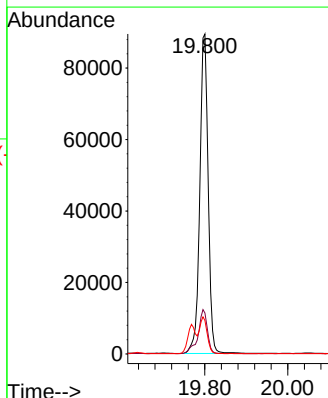
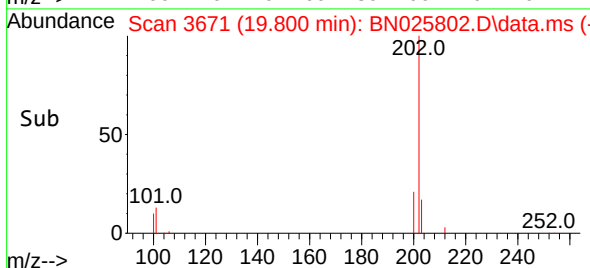
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

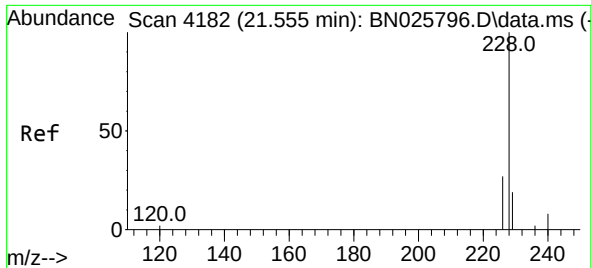


#20
Pyrene
Concen: 1.674 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30



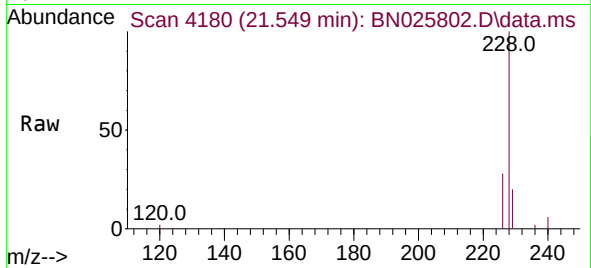
Tgt Ion:202 Resp: 125517
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 10.4 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.833 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

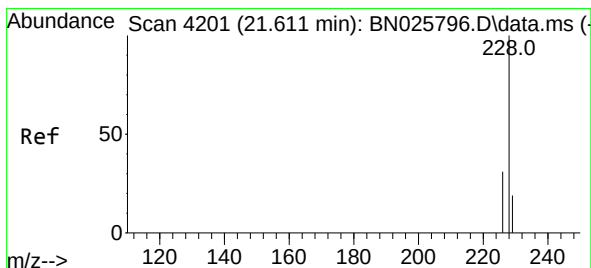
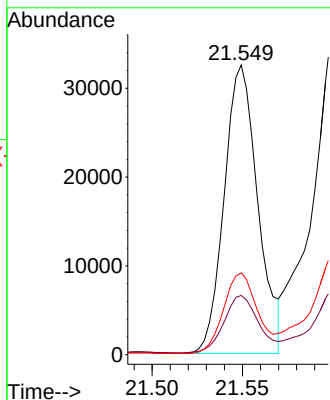
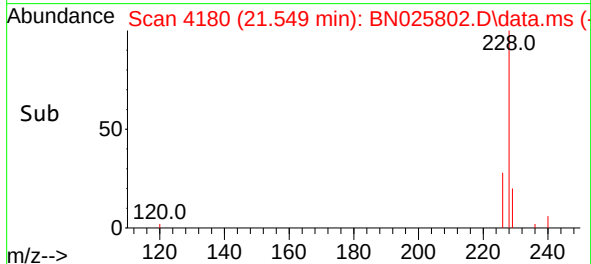
Instrument :
BNA_N
ClientSampleId :
H0FN6



Tgt Ion:228 Resp: 42039
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 28.2 22.0 33.0

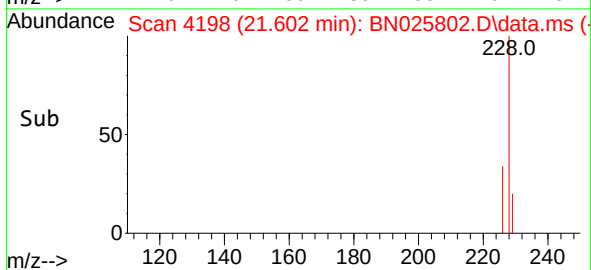
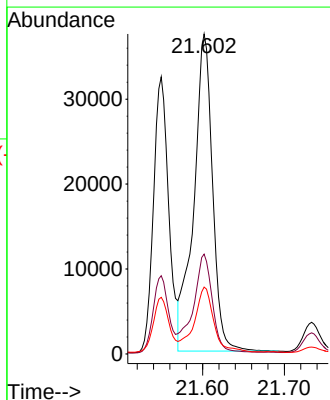
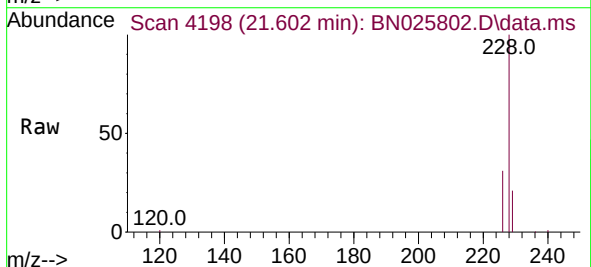
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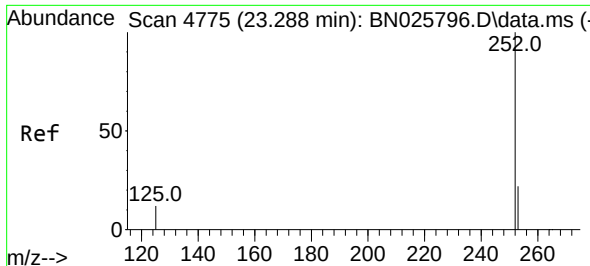
Reviewed By :Yogesh Patel 06/14/2023
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#22
Chrysene
Concen: 1.037 ng/ul
RT: 21.602 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

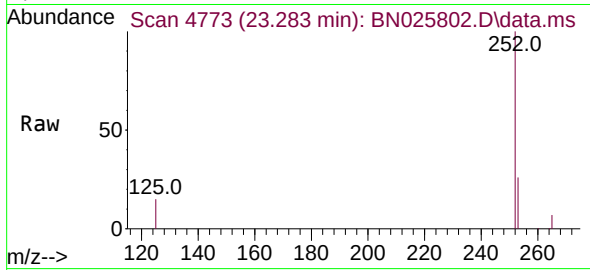
Tgt Ion:228 Resp: 59875
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 20.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.215 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

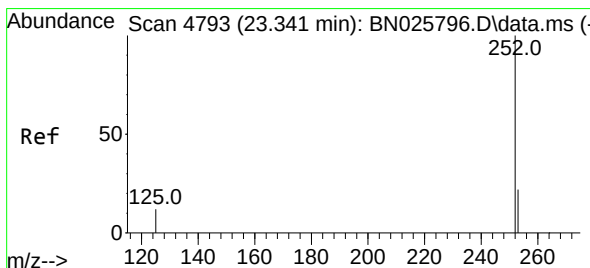
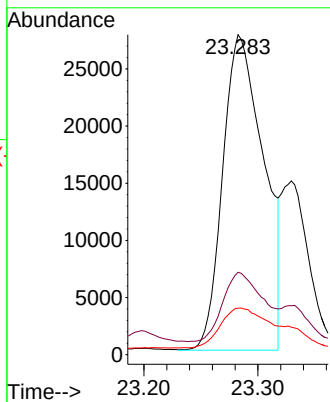
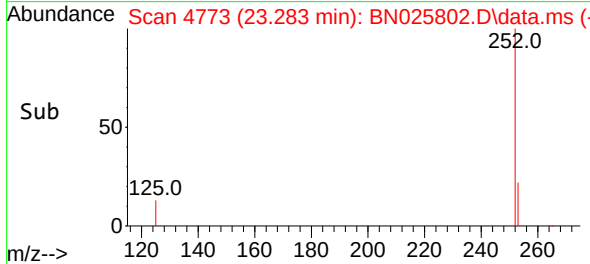
Instrument :
BNA_N
ClientSampleId :
H0FN6



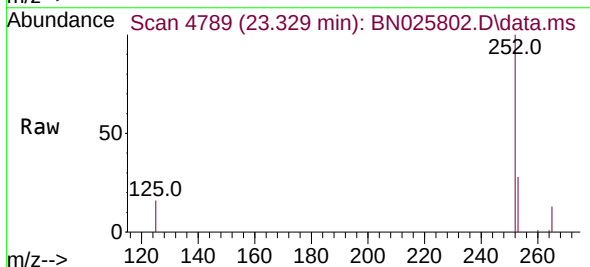
Tgt Ion:252 Resp: 68830
Ion Ratio Lower Upper
252 100
253 25.8 0.0 56.0
125 14.5 0.0 28.0

Manual Integrations
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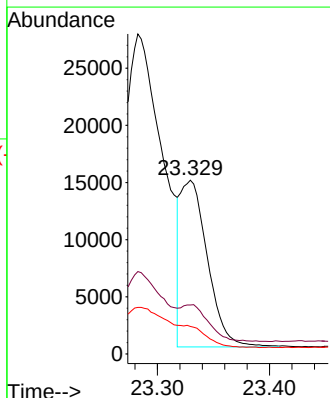
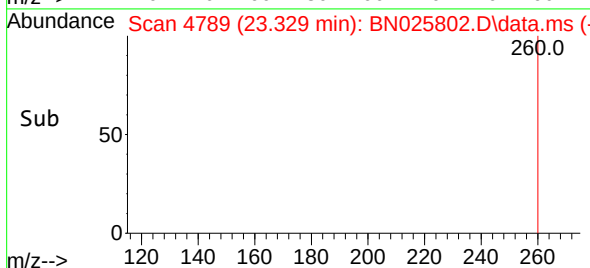
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

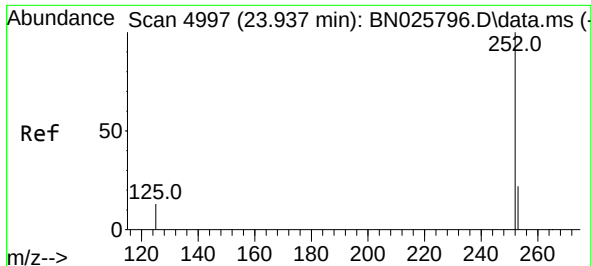


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul m
RT: 23.329 min Scan# 4789
Delta R.T. -0.012 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30



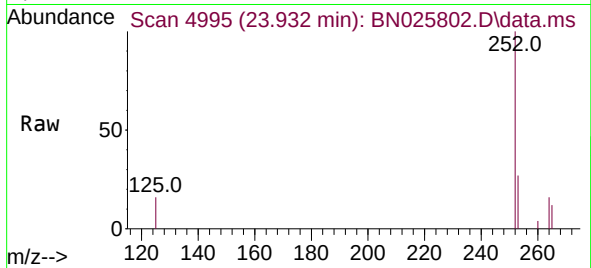
Tgt Ion:252 Resp: 24325
Ion Ratio Lower Upper
252 100
253 28.2 23.3 34.9
125 15.9 11.6 17.4





#26
Benzo(a)pyrene
Concen: 0.924 ng/ul
RT: 23.932 min Scan# 4995
Delta R.T. -0.011 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

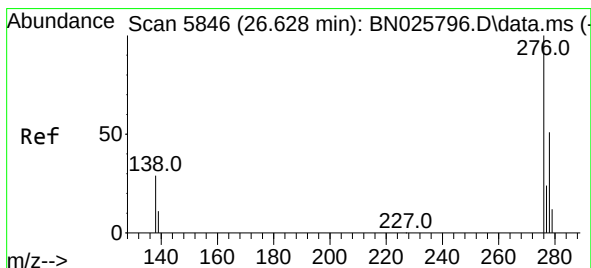
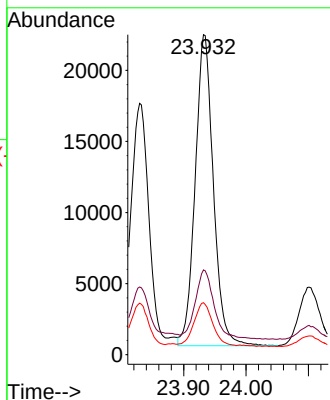
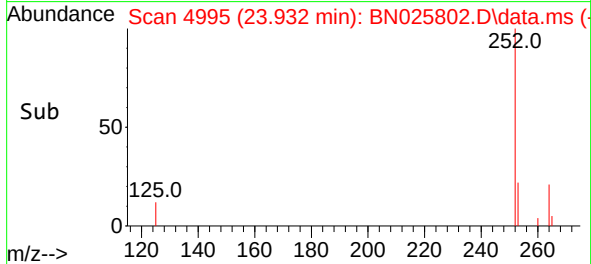
Instrument :
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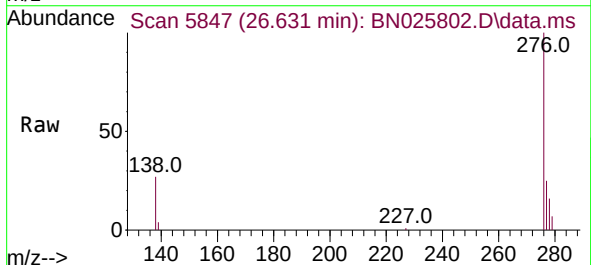
Tgt Ion:252 Resp: 44360
Ion Ratio Lower Upper
252 100
253 26.5 25.8 38.8
125 16.3 13.5 20.3

Manual Integrations
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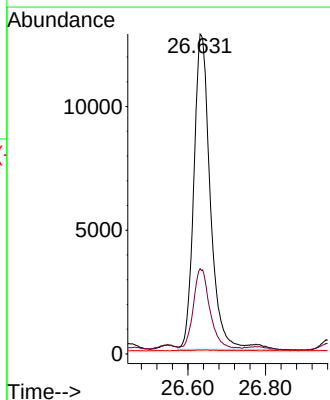
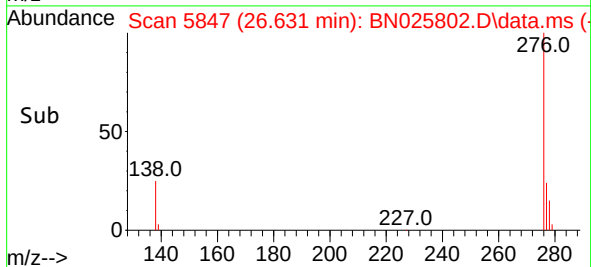
Reviewed By :Yogesh Patel 06/14/2023
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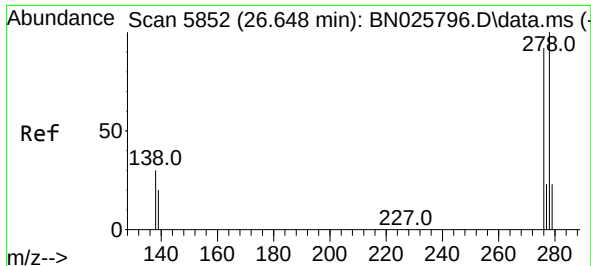


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng/ul
RT: 26.631 min Scan# 5847
Delta R.T. -0.027 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30



Tgt Ion:276 Resp: 37532
Ion Ratio Lower Upper
276 100
138 25.7 24.6 36.8
227 0.2 0.0 0.0#





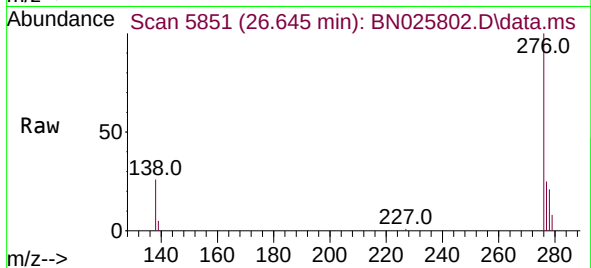
#28
Dibenzo(a,h)anthracene
Concen: 0.194 ng/ul
RT: 26.645 min Scan# 5852
Delta R.T. -0.040 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

Instrument :

BNA_N

ClientSampleId :

H0FN6



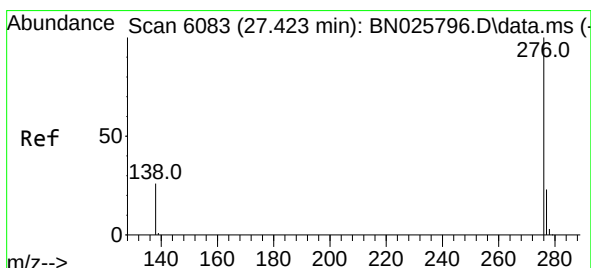
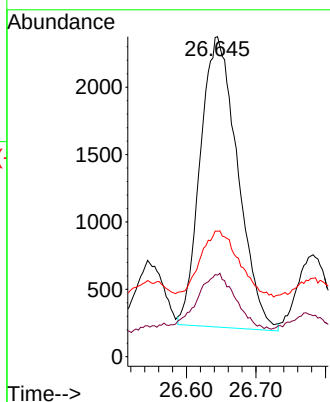
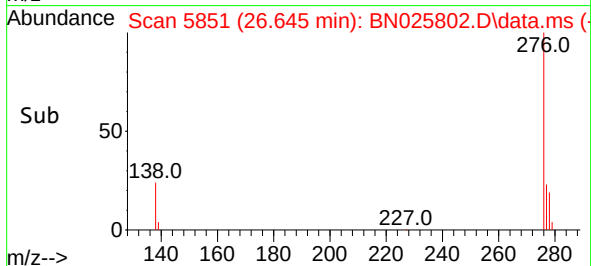
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278 100
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279 39.2 25.3 37.9

Manual Integrations

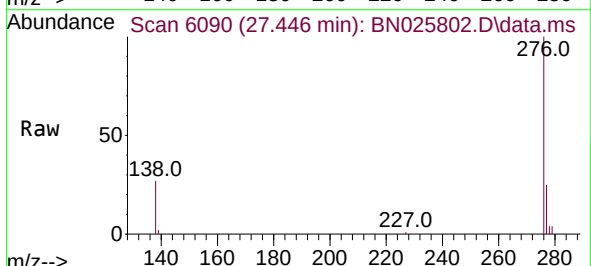
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Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.790 ng/ul
RT: 27.446 min Scan# 6090
Delta R.T. -0.003 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30



Tgt Ion:276 Resp: 38764
Ion Ratio Lower Upper
276 100
138 27.2 21.8 32.8
277 24.7 19.4 29.2

