

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025834.D
 Acq On : 14 Jun 2023 09:58
 Operator : MA/JU
 Sample : 02950-06DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW983DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 18:31:14 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 : Wed Jun 14 18:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9237	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	27742	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	16148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	32880	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	19161	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	16803	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3736	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	1141	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	2772	0.046	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.358	152	3359	0.053	ng/ul#	84
11) Acenaphthene	14.701	153	2273	0.043	ng/ul	95
15) Phenanthrene	17.424	178	9820	0.102	ng/ul#	89
16) Anthracene	17.512	178	6355m	0.078	ng/ul	
19) Fluoranthene	19.434	202	56242	0.642	ng/ul	98
20) Pyrene	19.796	202	128737	1.419	ng/ul	99
21) Benzo(a)anthracene	21.550	228	36896m	0.604	ng/ul	
22) Chrysene	21.603	228	78044	1.117	ng/ul	97
24) Benzo(b)fluoranthene	23.281	252	25087m	0.365	ng/ul	
25) Benzo(k)fluoranthene	23.319	252	5005m	0.073	ng/ul	
26) Benzo(a)pyrene	23.924	252	19798	0.340	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.612	276	10707	0.161	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.619	278	4478	0.089	ng/ul#	60
29) Benzo(g,h,i)perylene	27.410	276	13164	0.221	ng/ul	95

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

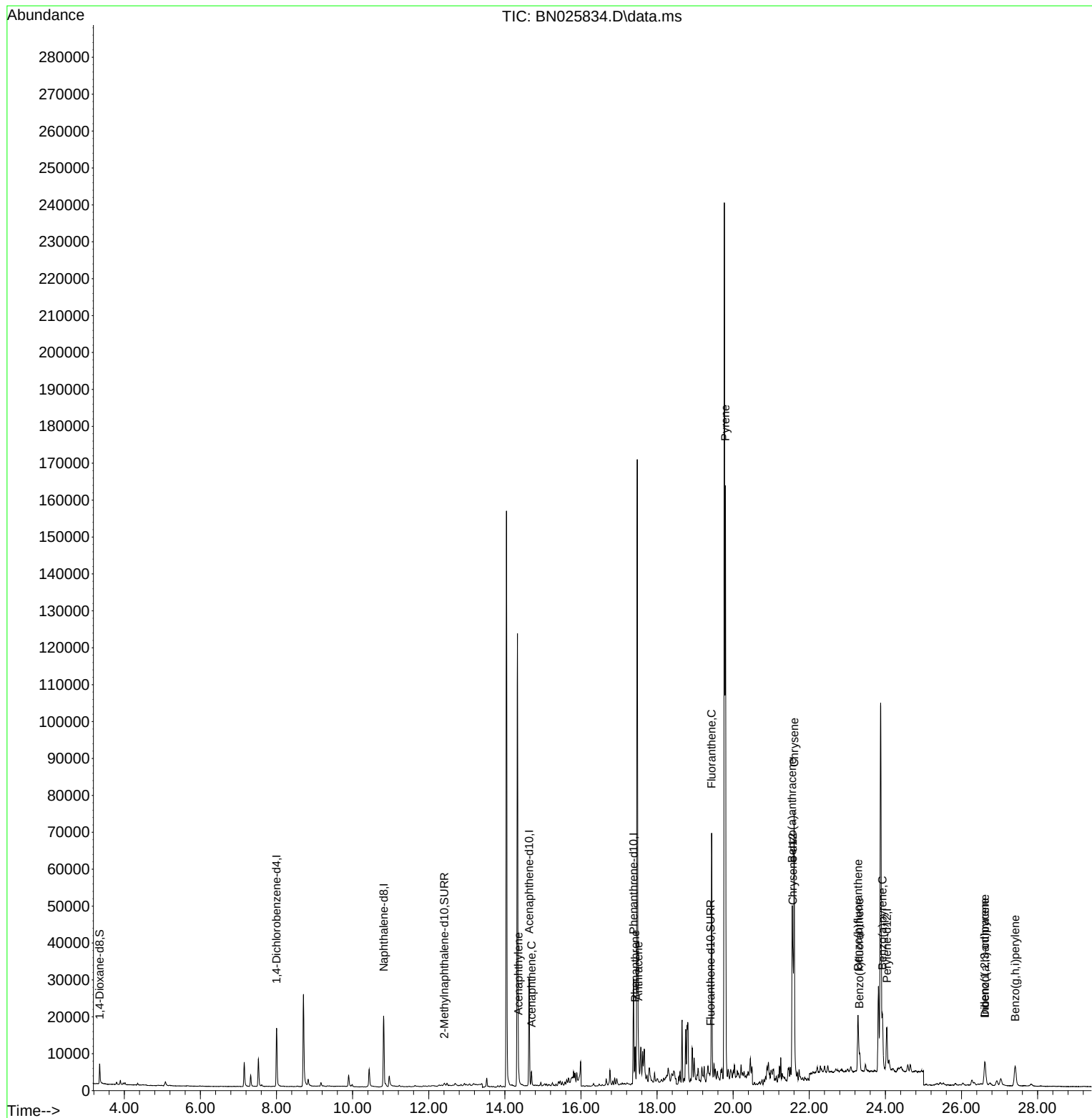
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025834.D
Acq On : 14 Jun 2023 09:58
Operator : MA/JU
Sample : 02950-06DL 5X
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ALS Vial : 40 Sample Multiplier: 1

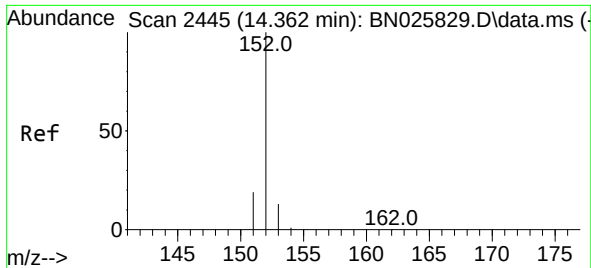
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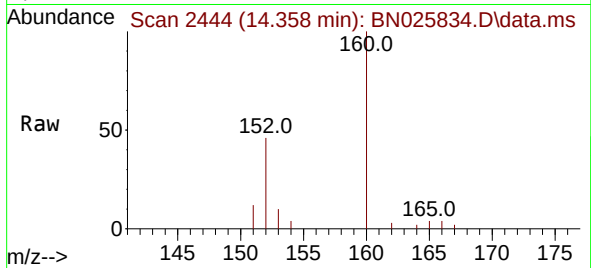
Quant Time: Jun 14 18:31:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 18:25:53 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.053 ng/u1
RT: 14.358 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

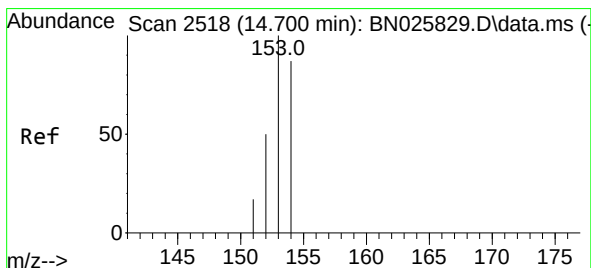
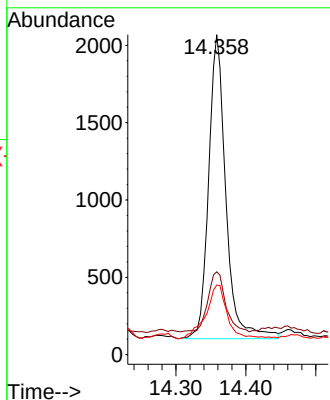
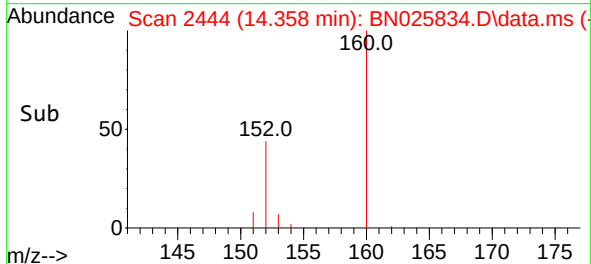
Instrument :
BNA_N
ClientSampleId :
EW983DL



Tgt Ion:152 Resp: 3359
Ion Ratio Lower Upper
152 100
151 25.9 16.0 24.0
153 21.7 10.7 16.1

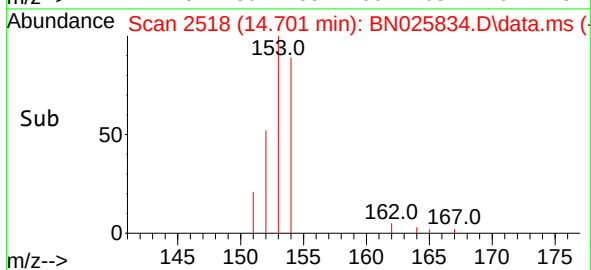
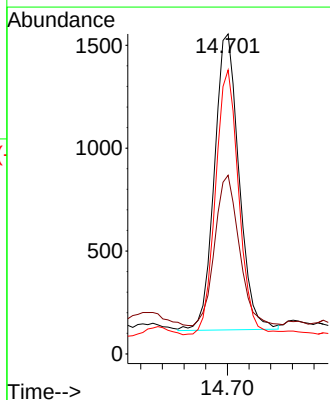
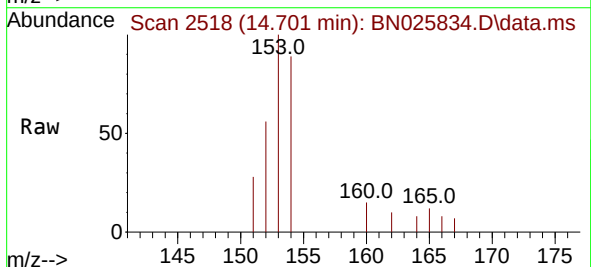
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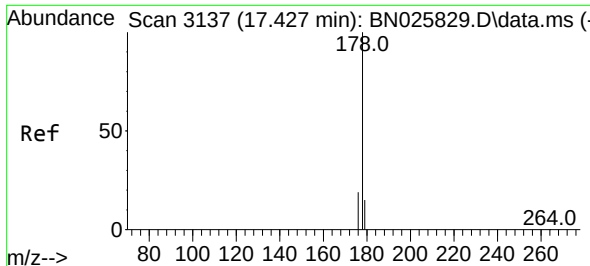
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.701 min Scan# 2518
Delta R.T. 0.001 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

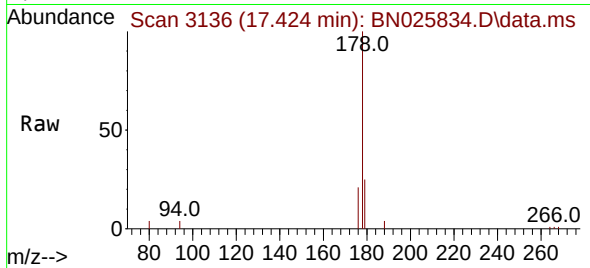
Tgt Ion:153 Resp: 2273
Ion Ratio Lower Upper
153 100
152 55.8 39.5 59.3
154 88.7 68.8 103.2





#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.424 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

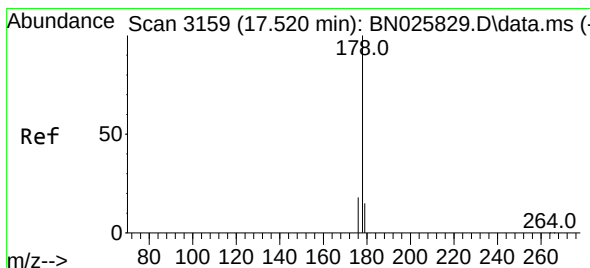
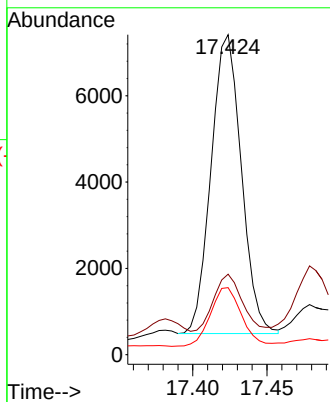
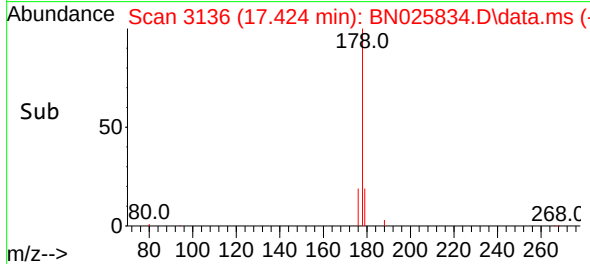
Instrument :
BNA_N
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EW983DL



Tgt Ion:178 Resp: 9820
Ion Ratio Lower Upper
178 100
179 25.2 12.6 18.8
176 21.0 15.8 23.8

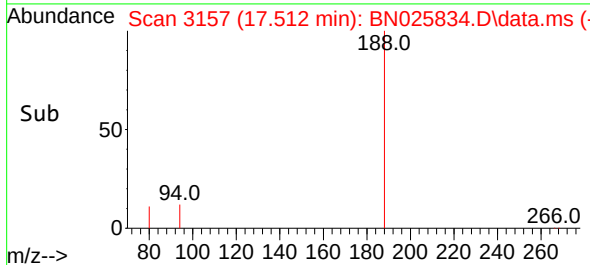
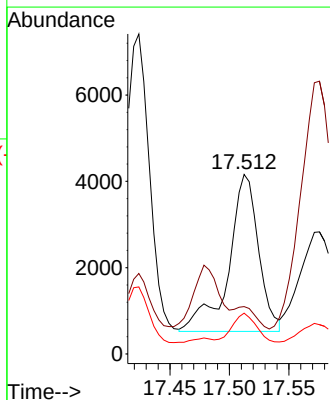
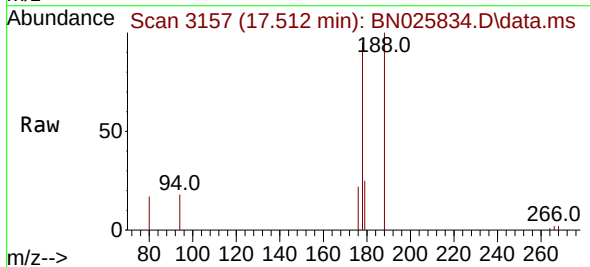
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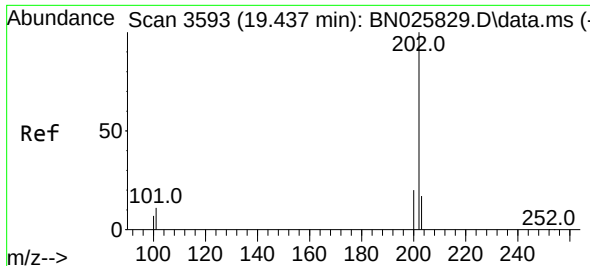
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.078 ng/ul m
RT: 17.512 min Scan# 3157
Delta R.T. -0.007 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

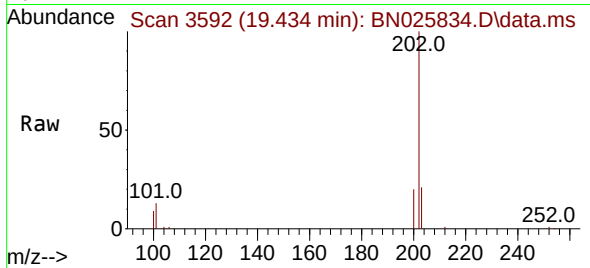
Tgt Ion:178 Resp: 6355
Ion Ratio Lower Upper
178 100
179 26.4 12.6 19.0#
176 22.7 15.4 23.2





#19
Fluoranthene
Concen: 0.642 ng/u1
RT: 19.434 min Scan# 3592
Delta R.T. -0.003 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

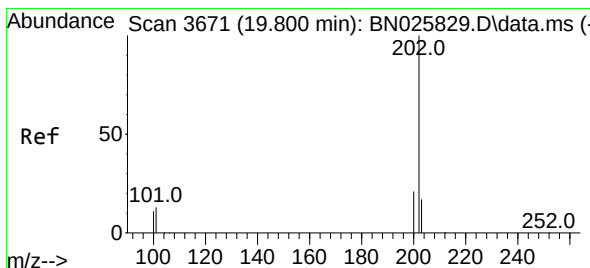
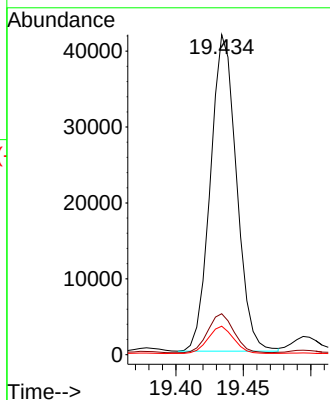
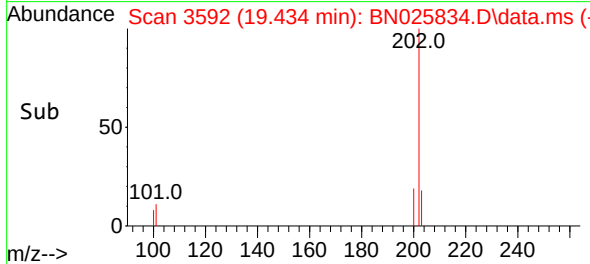
Instrument :
BNA_N
ClientSampleId :
EW983DL



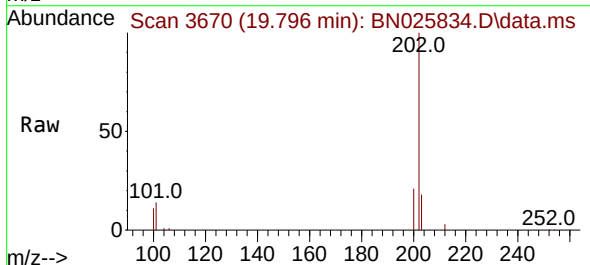
Tgt Ion:202 Resp: 5624
Ion Ratio Lower Upper
202 100
101 12.8 9.1 13.7
100 8.9 7.0 10.6

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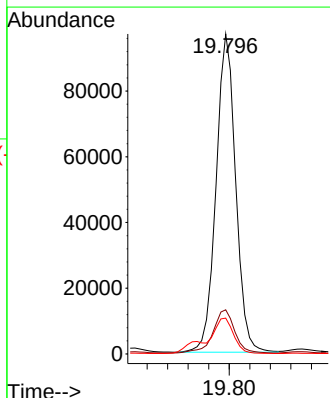
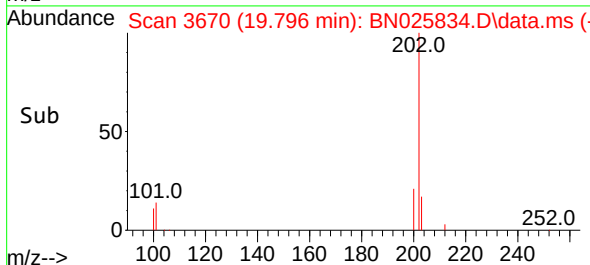
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

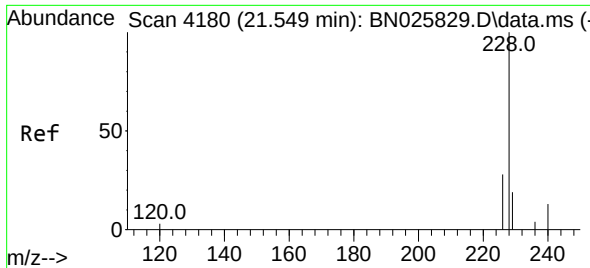


#20
Pyrene
Concen: 1.419 ng/u1
RT: 19.796 min Scan# 3670
Delta R.T. -0.003 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58



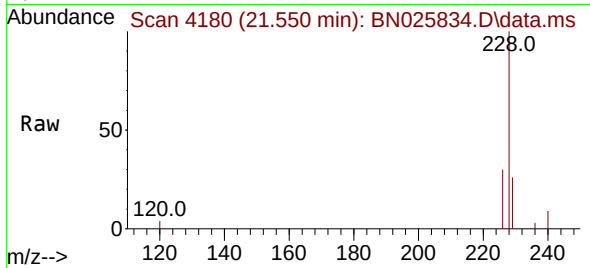
Tgt Ion:202 Resp: 128737
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 11.2 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.604 ng/ul m
RT: 21.550 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

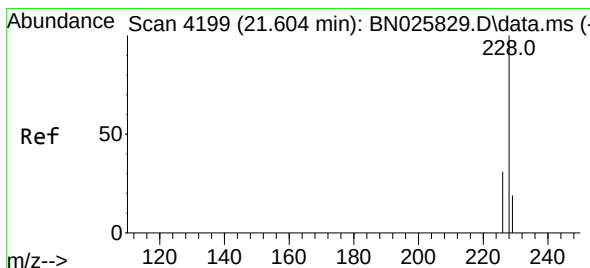
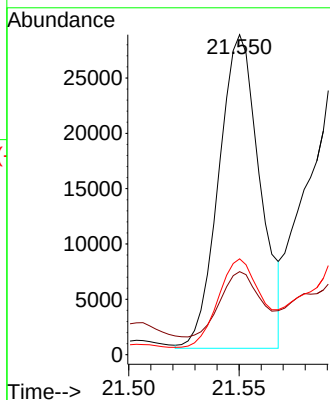
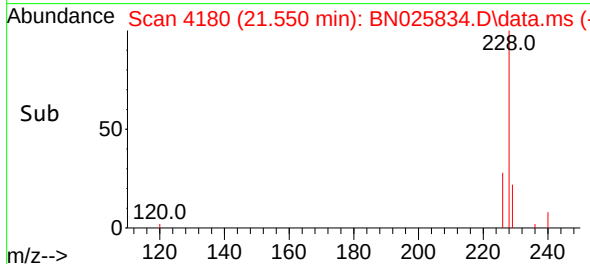
Instrument :
BNA_N
ClientSampleId :
EW983DL



Tgt Ion:228 Resp: 36890
Ion Ratio Lower Upper
228 100
229 26.0 15.5 23.3
226 30.0 22.0 33.0

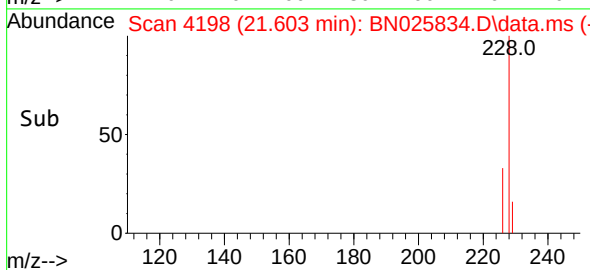
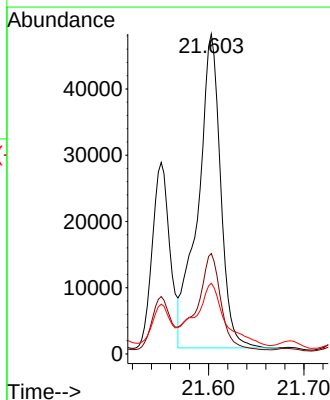
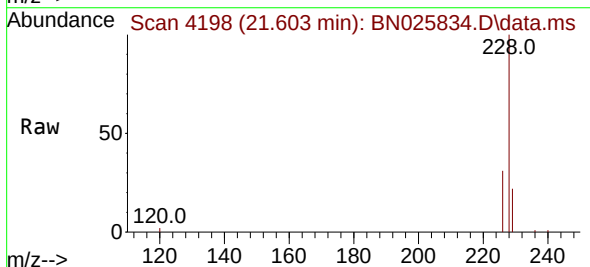
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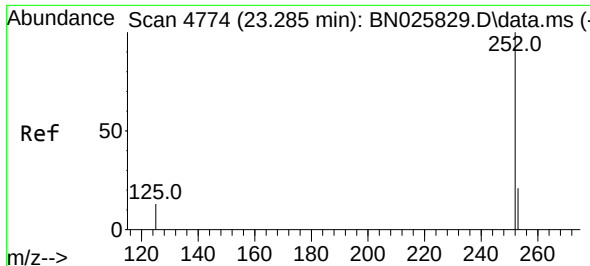
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 1.117 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.001 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

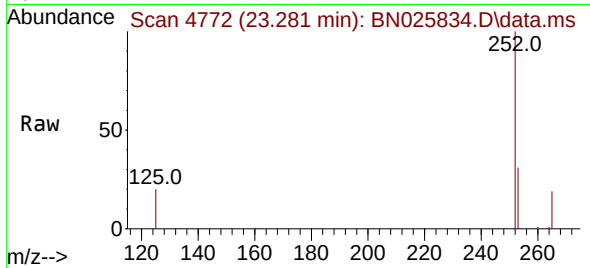
Tgt Ion:228 Resp: 78044
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul m
RT: 23.281 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

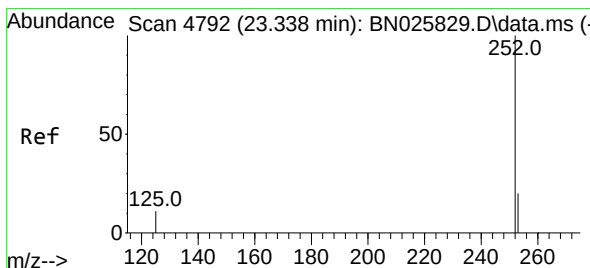
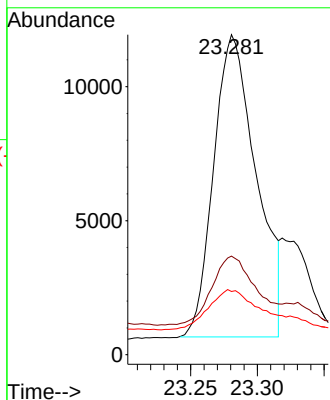
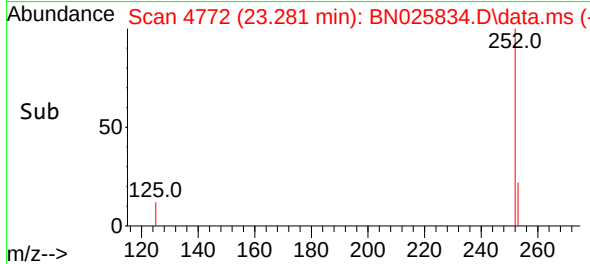
Instrument :
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ClientSampleId :
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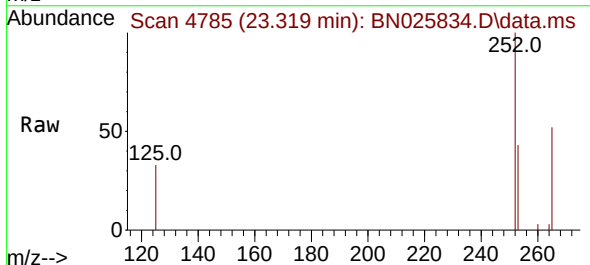
Tgt Ion:252 Resp: 2508
Ion Ratio Lower Upper
252 100
253 30.8 0.0 56.0
125 19.8 0.0 28.0

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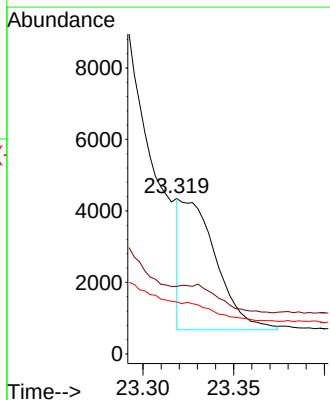
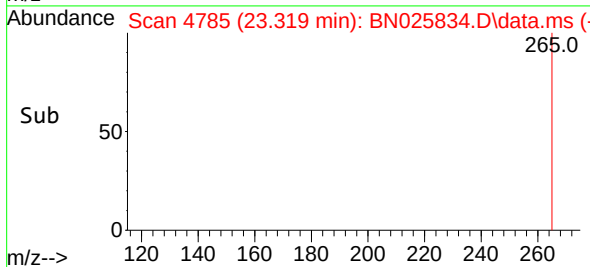
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

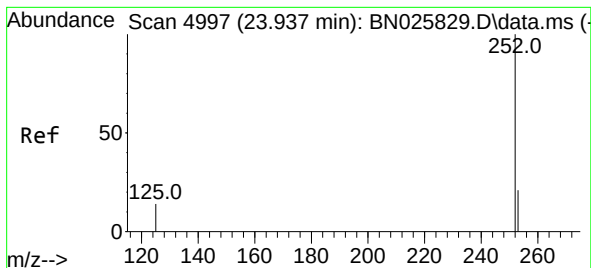


#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.319 min Scan# 4785
Delta R.T. -0.019 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58



Tgt Ion:252 Resp: 5005
Ion Ratio Lower Upper
252 100
253 43.4 23.3 34.9#
125 33.4 11.6 17.4#





#26

Benzo(a)pyrene

Concen: 0.340 ng/ul

RT: 23.924 min Scan# 4997

Delta R.T. -0.013 min

Lab File: BN025834.D

Acq: 14 Jun 2023 09:58

Instrument :

BNA_N

ClientSampleId :

EW983DL

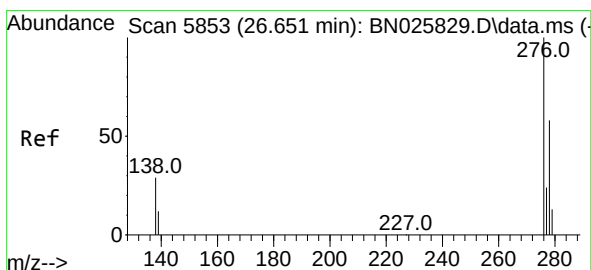
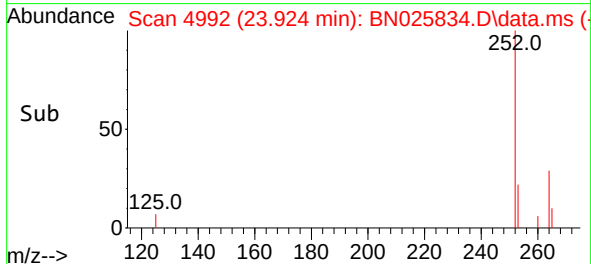
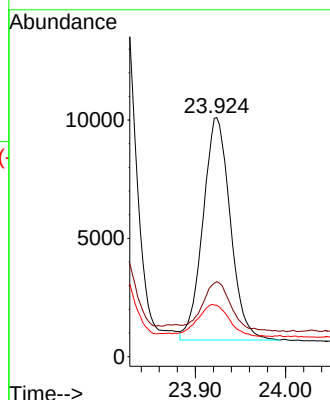
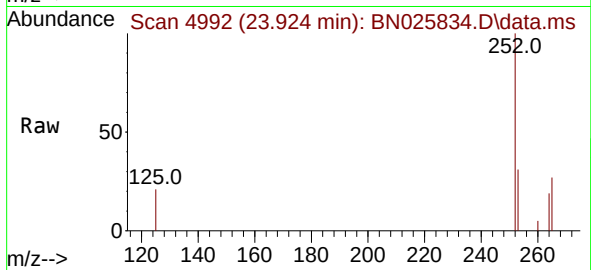
Tgt Ion:	252	Resp:	1979
Ion Ratio	Lower	Upper	
252	100		
253	31.4	25.8	38.8
125	21.5	13.5	20.3

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.161 ng/ul

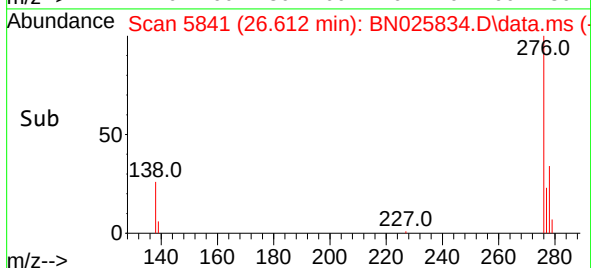
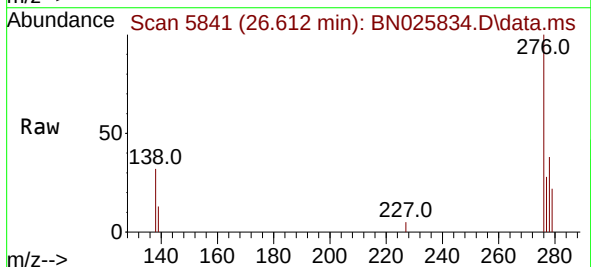
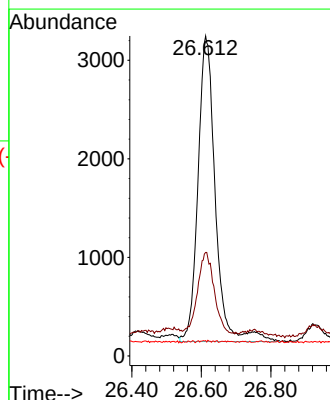
RT: 26.612 min Scan# 5841

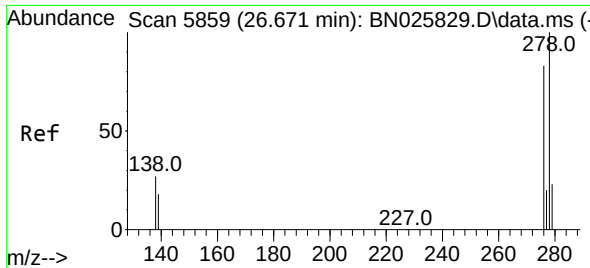
Delta R.T. -0.039 min

Lab File: BN025834.D

Acq: 14 Jun 2023 09:58

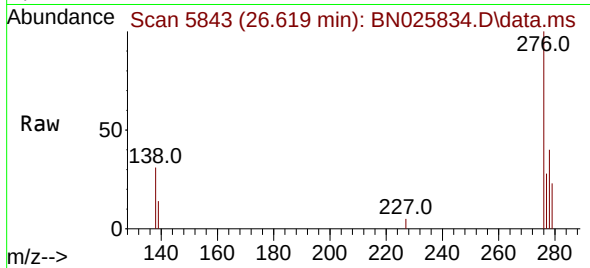
Tgt Ion:	276	Resp:	10707
Ion Ratio	Lower	Upper	
276	100		
138	25.6	24.6	36.8
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 26.619 min Scan# 5843
Delta R.T. -0.052 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58

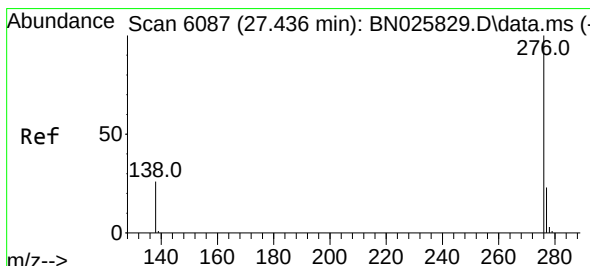
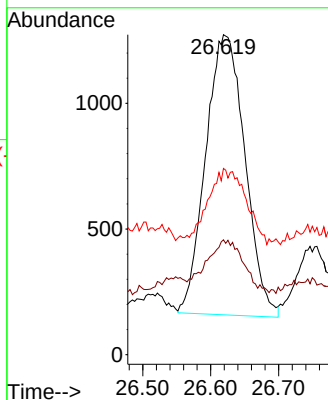
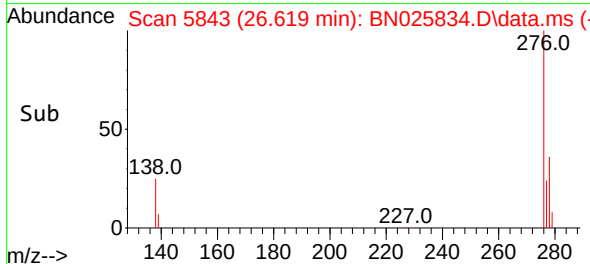
Instrument :
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EW983DL



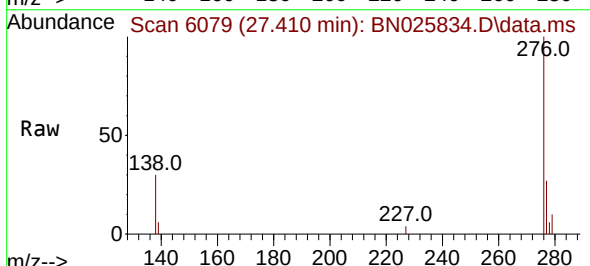
Tgt Ion:278 Resp: 4478
Ion Ratio Lower Upper
278 100
139 35.9 17.9 26.9
279 58.2 25.3 37.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.221 ng/ul
RT: 27.410 min Scan# 6079
Delta R.T. -0.025 min
Lab File: BN025834.D
Acq: 14 Jun 2023 09:58



Tgt Ion:276 Resp: 13164
Ion Ratio Lower Upper
276 100
138 29.8 21.8 32.8
277 26.7 19.4 29.2

