

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026155.D
 Acq On : 01 Jul 2023 17:15
 Operator : MA/JU
 Sample : 03239-05DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:35:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	32230	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	18176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	34186	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	18601	0.400	ng/ul	0.00
23) Perylene-d12	23.998	264	19256	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	8267	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	2849	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	5149	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.004	266	325	0.027	ng/ul	98
15) Phenanthrene	17.389	178	28291	0.251	ng/ul	100
16) Anthracene	17.477	178	3191	0.032	ng/ul#	85
19) Fluoranthene	19.404	202	81514	0.820	ng/ul	100
20) Pyrene	19.767	202	68470	0.663	ng/ul	98
21) Benzo(a)anthracene	21.519	228	28068	0.366	ng/ul	96
22) Chrysene	21.572	228	41265	0.517	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	64919m	0.790	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	19833m	0.240	ng/ul	
26) Benzo(a)pyrene	23.896	252	36001	0.504	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.583	276	32932	0.422	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.587	278	7221	0.122	ng/ul#	68
29) Benzo(g,h,i)perylene	27.385	276	34041	0.491	ng/ul	98

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

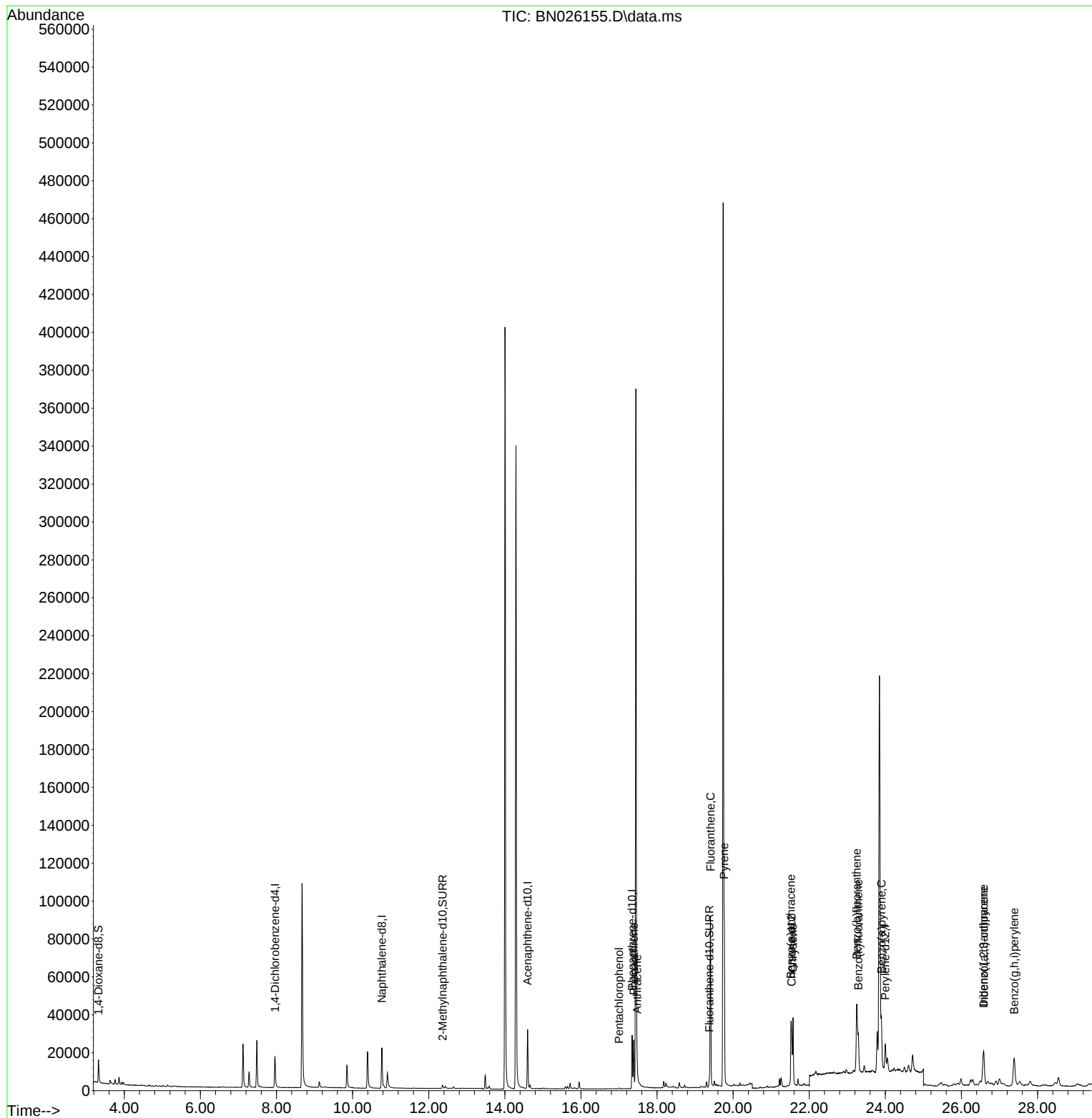
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026155.D
Acq On : 01 Jul 2023 17:15
Operator : MA/JU
Sample : 03239-05DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

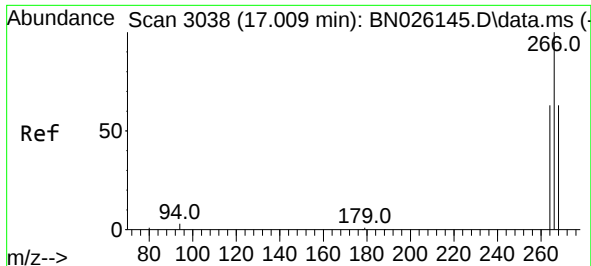
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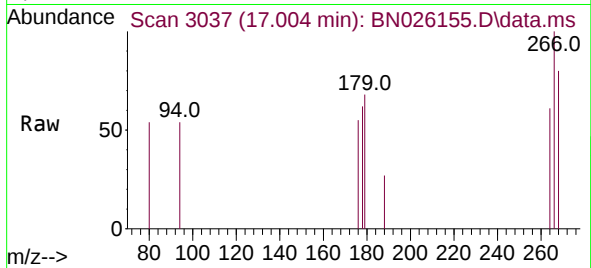
Quant Time: Jul 01 22:35:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#14
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 17.004 min Scan# 3038
Delta R.T. -0.005 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

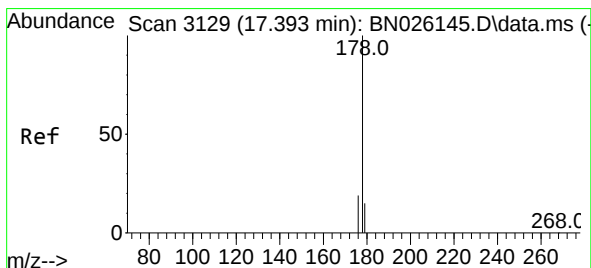
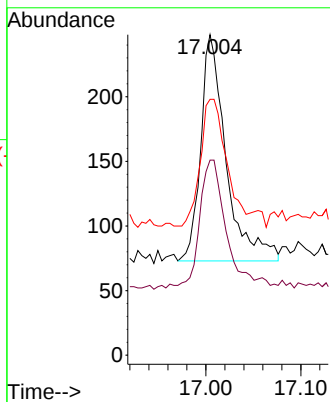
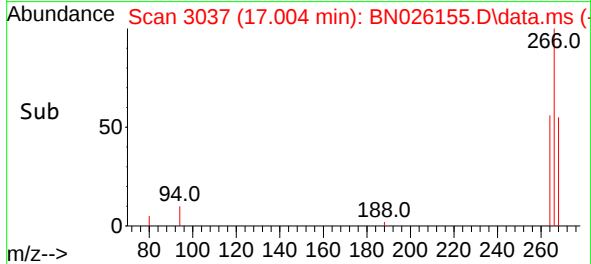
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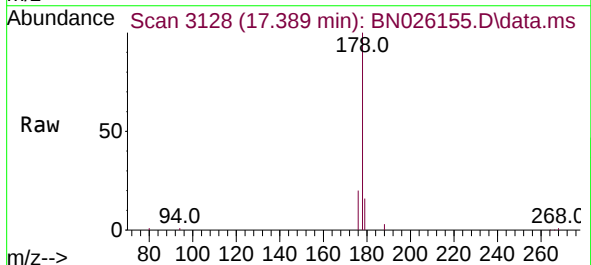
Tgt Ion:266 Resp: 329
Ion Ratio Lower Upper
266 100
264 62.2 50.5 75.7
268 61.8 51.6 77.4

Manual Integrations
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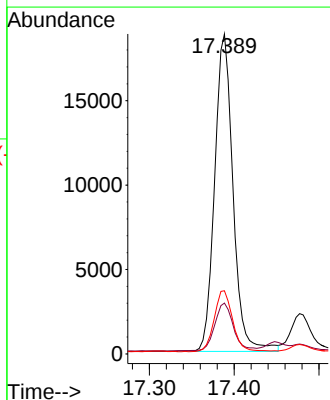
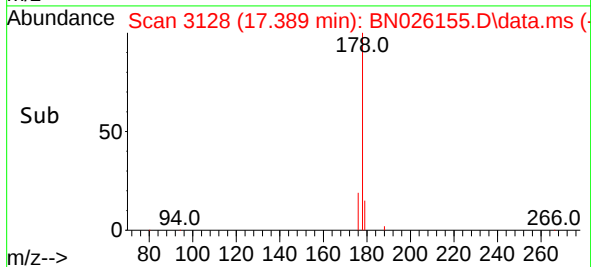
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

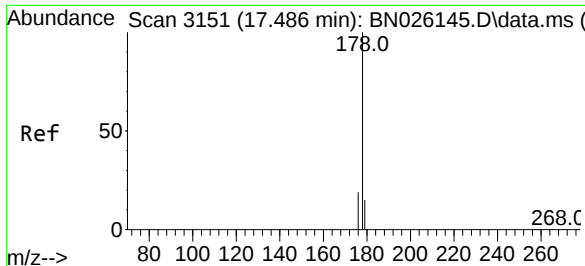


#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15



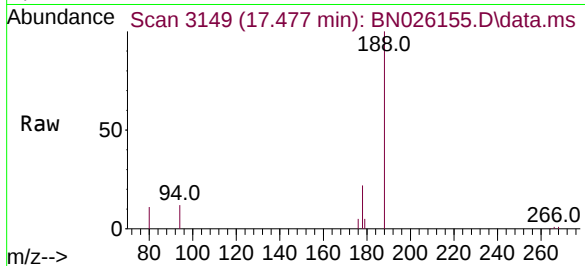
Tgt Ion:178 Resp: 28291
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 15.8 23.6





#16
 Anthracene
 Concen: 0.032 ng/u1
 RT: 17.477 min Scan# 3149
 Delta R.T. -0.010 min
 Lab File: BN026155.D
 Acq: 01 Jul 2023 17:15

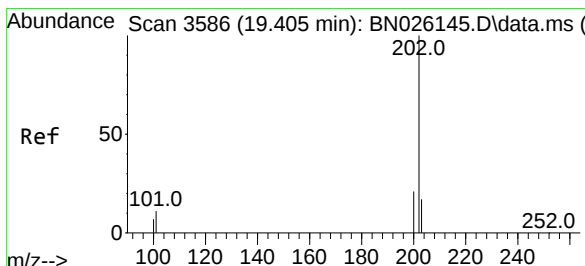
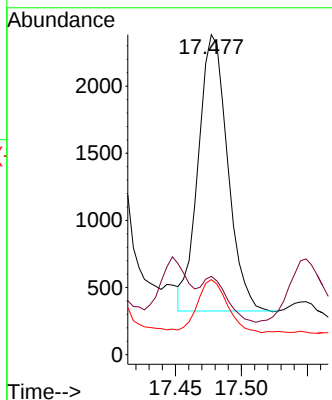
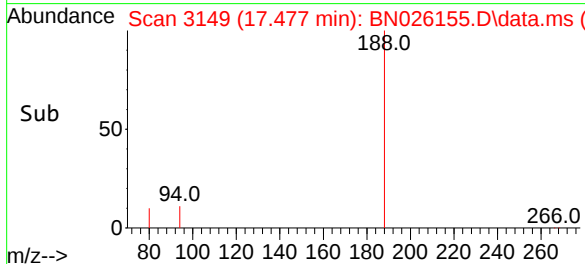
Instrument :
 BNA_N
 ClientSampleId :
 DCFY3DL



Tgt Ion:178 Resp: 319
 Ion Ratio Lower Upper
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 179 24.5 12.6 18.8
 176 23.4 15.1 22.7

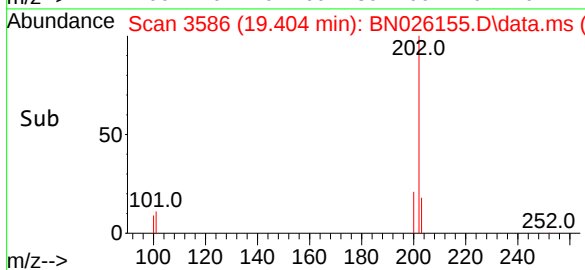
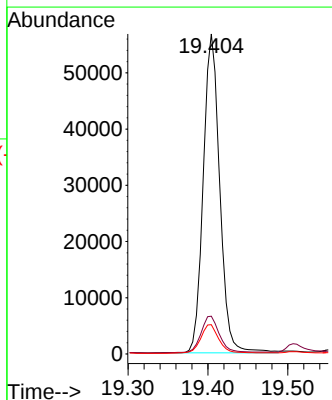
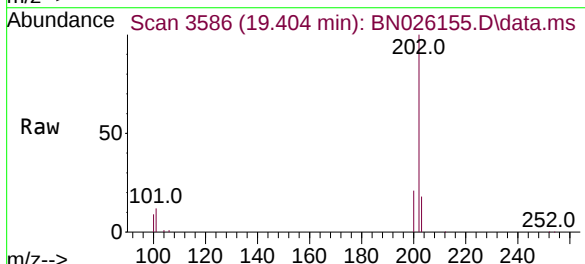
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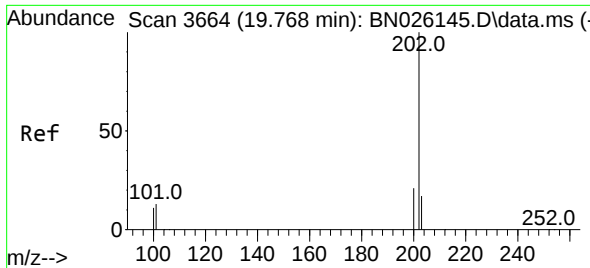
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 0.820 ng/u1
 RT: 19.404 min Scan# 3586
 Delta R.T. -0.006 min
 Lab File: BN026155.D
 Acq: 01 Jul 2023 17:15

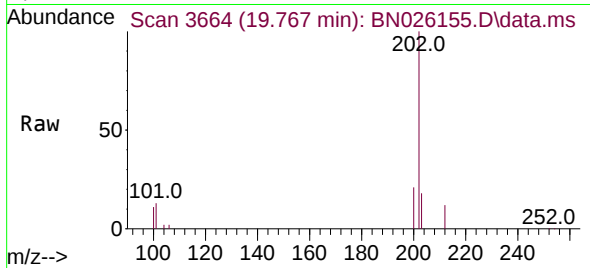
Tgt Ion:202 Resp: 81514
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 9.1 7.3 10.9





#20
Pyrene
Concen: 0.663 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

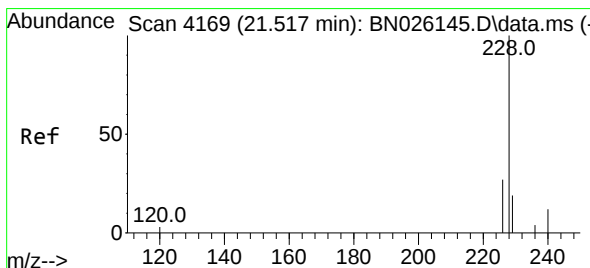
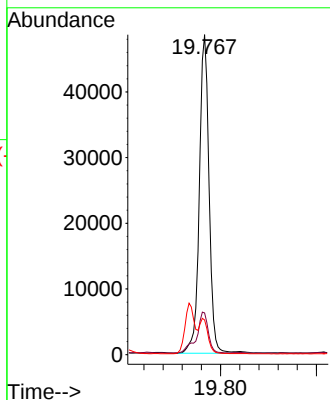
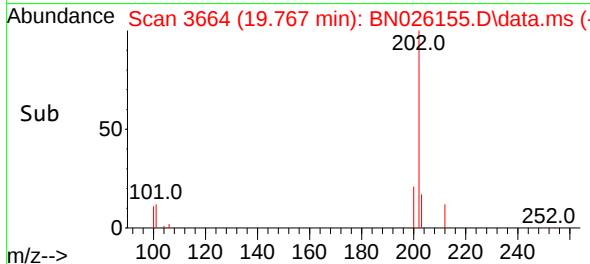
Instrument :
BNA_N
ClientSampleId :
DCFY3DL



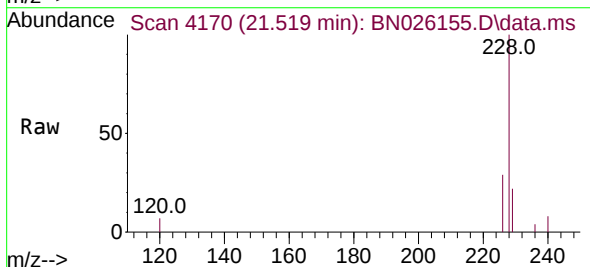
Tgt Ion:202 Resp: 68470
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.9 9.1 13.7

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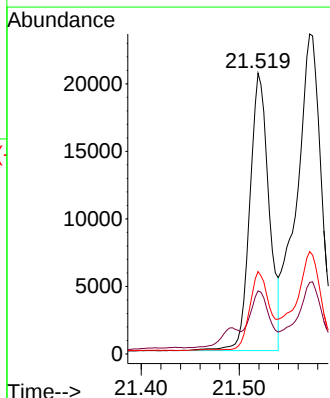
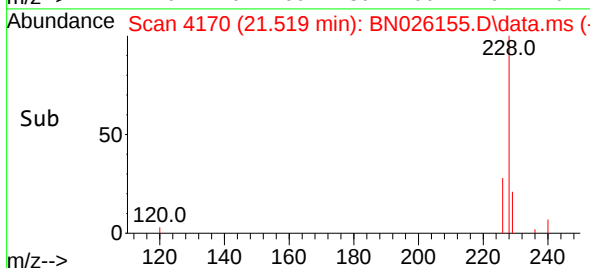
Reviewed By :Yogesh Patel 07/02/2023
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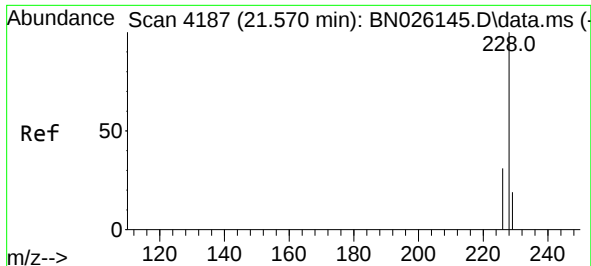


#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.519 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15



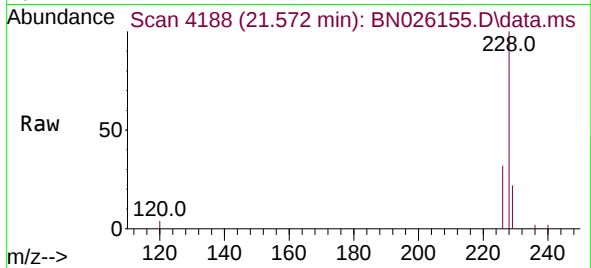
Tgt Ion:228 Resp: 28068
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 29.3 22.5 33.7





#22
Chrysene
Concen: 0.517 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.008 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

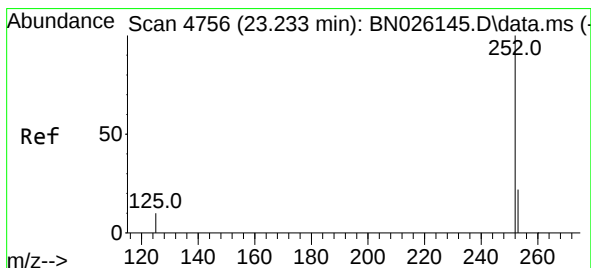
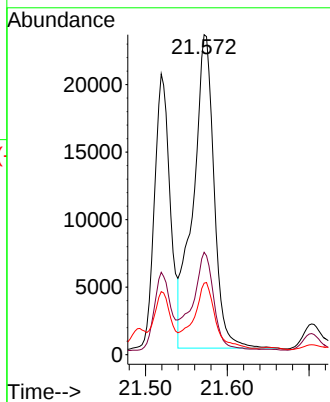
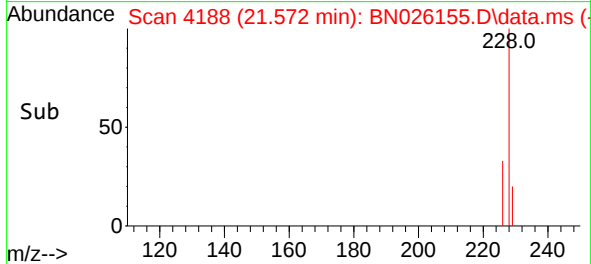
Instrument :
BNA_N
ClientSampleId :
DCFY3DL



Tgt Ion:228 Resp: 4126
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 22.3 15.7 23.5

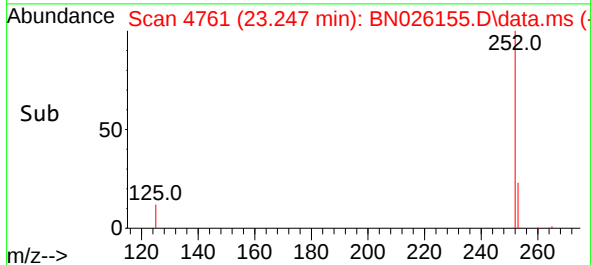
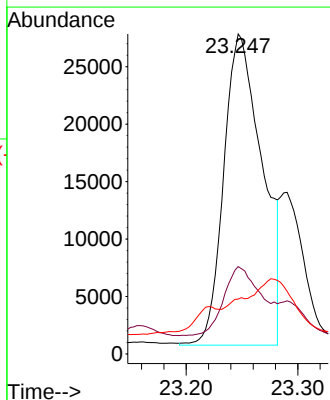
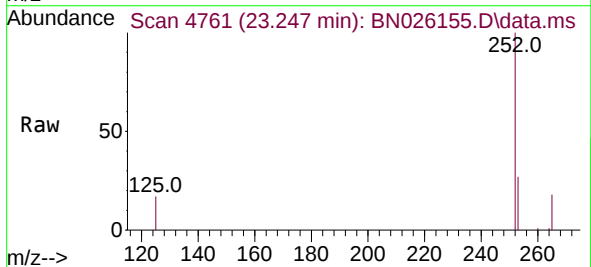
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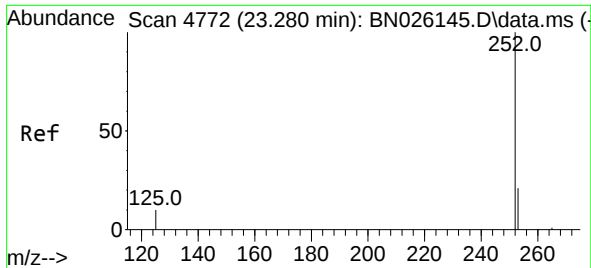
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.004 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

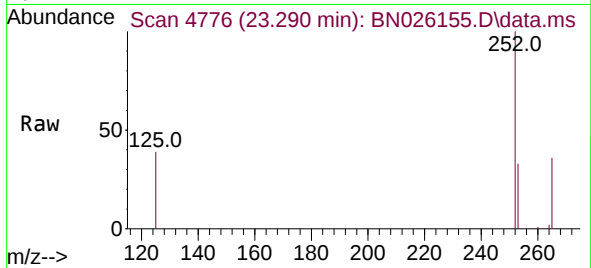
Tgt Ion:252 Resp: 64919
Ion Ratio Lower Upper
252 100
253 27.3 0.0 55.6
125 17.2 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 23.290 min Scan# 4772
Delta R.T. -0.002 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

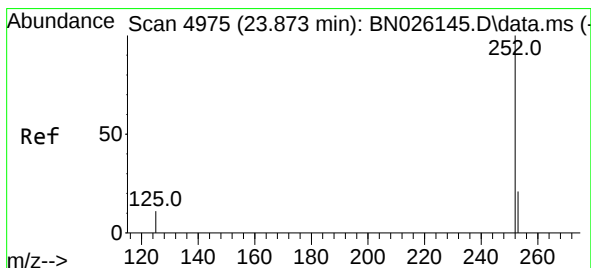
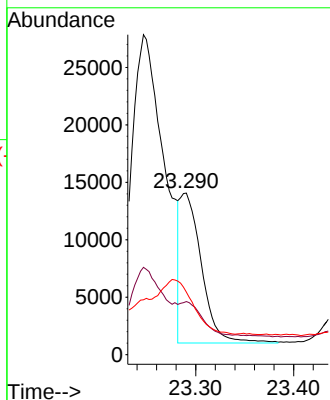
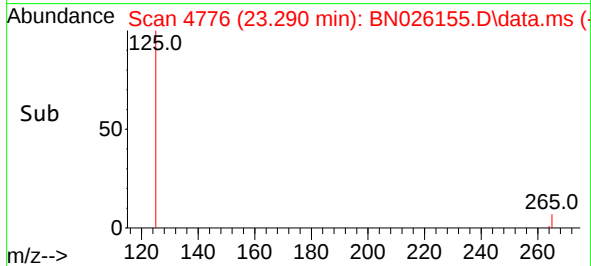
Instrument :
BNA_N
ClientSampleId :
DCFY3DL



Tgt Ion:252 Resp: 1983
Ion Ratio Lower Upper
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253 32.9 23.2 34.8
125 38.7 15.0 22.4

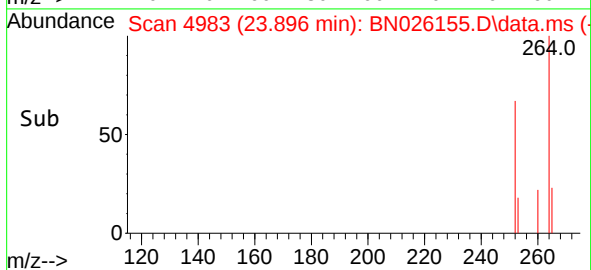
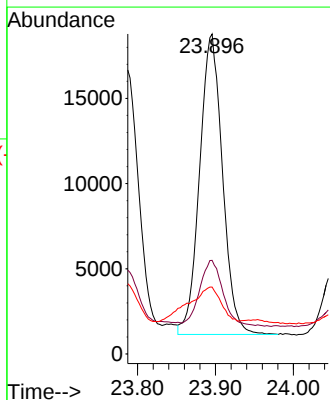
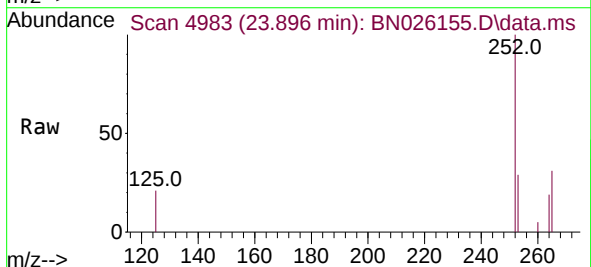
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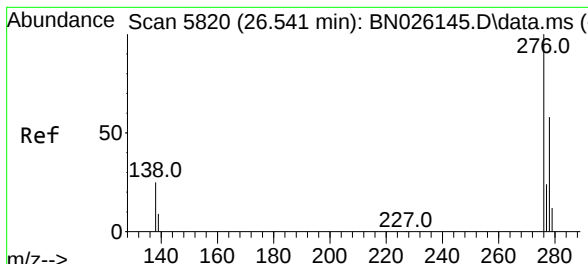
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.010 min
Lab File: BN026155.D
Acq: 01 Jul 2023 17:15

Tgt Ion:252 Resp: 36001
Ion Ratio Lower Upper
252 100
253 29.2 26.0 39.0
125 20.9 17.3 25.9





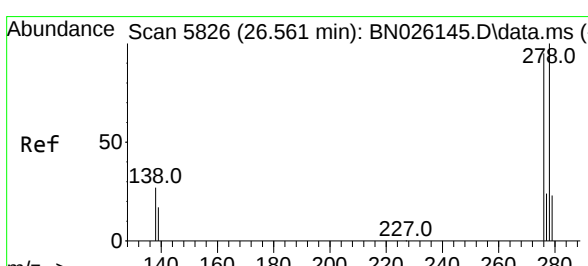
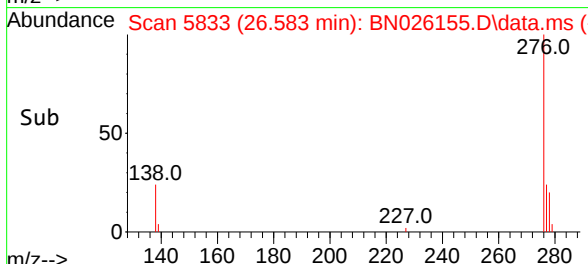
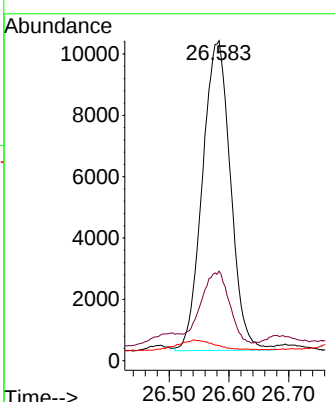
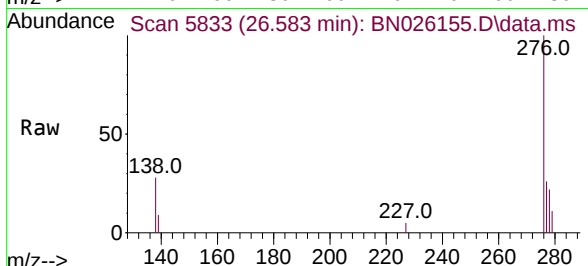
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng/ul
 RT: 26.583 min Scan# 5833
 Delta R.T. 0.025 min
 Lab File: BN026155.D
 Acq: 01 Jul 2023 17:15

Instrument : BNA_N
 ClientSampleId : DCFY3DL

Tgt Ion: 276 Resp: 3293

Ion	Ratio	Lower	Upper
276	100		
138	23.5	24.5	36.7
227	0.0	0.0	0.0

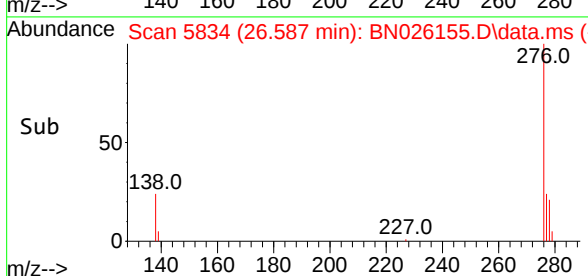
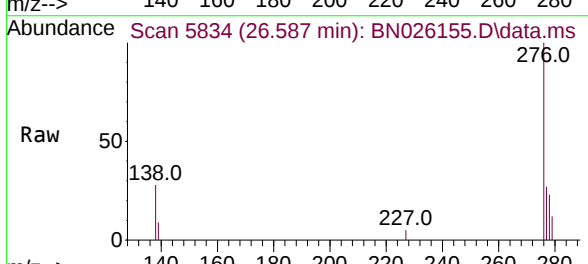
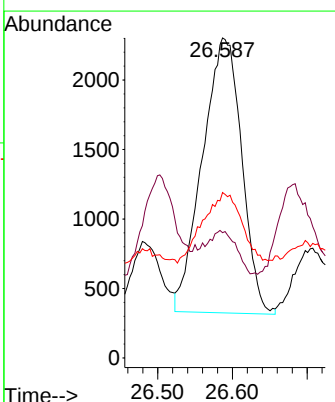
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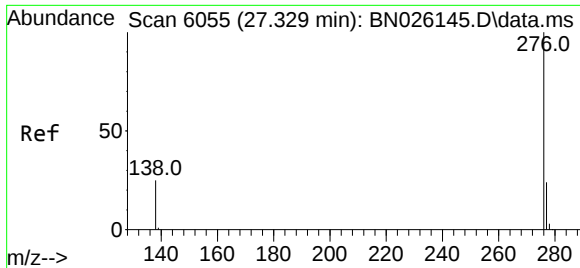


#28
 Dibenzo(a,h)anthracene
 Concen: 0.122 ng/ul
 RT: 26.587 min Scan# 5834
 Delta R.T. 0.008 min
 Lab File: BN026155.D
 Acq: 01 Jul 2023 17:15

Tgt Ion: 278 Resp: 7221

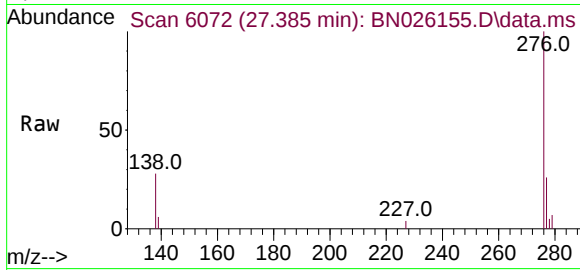
Ion	Ratio	Lower	Upper
278	100		
139	39.2	19.0	28.4
279	51.7	26.7	40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.491 ng/ul
 RT: 27.385 min Scan# 6072
 Delta R.T. 0.039 min
 Lab File: BN026155.D
 Acq: 01 Jul 2023 17:15

Instrument :
 BNA_N
 ClientSampleId :
 DCFY3DL



Tgt Ion: 276 Resp: 3404

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.4	35.0
277	26.0	20.0	30.0

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