

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027020.D
 Acq On : 22 Aug 2023 09:07
 Operator : MA/JU
 Sample : 03968-27
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 09:35:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	9853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.928	136	32559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	18964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	41487	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	33021	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	28854	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	47088	4.025	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	10283	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	26936	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.453	152	3826	0.036	ng/ul#	90
15) Phenanthrene	17.514	178	28145	0.206	ng/ul	99
16) Anthracene	17.607	178	6040	0.049	ng/ul#	93
19) Fluoranthene	19.520	202	91661	0.668	ng/ul	98
20) Pyrene	19.887	202	84372m	0.576	ng/ul	
21) Benzo(a)anthracene	21.629	228	42875	0.326	ng/ul	98
22) Chrysene	21.685	228	45848	0.354	ng/ul	97
24) Benzo(b)fluoranthene	23.404	252	53950m	0.494	ng/ul	
25) Benzo(k)fluoranthene	23.450	252	20167m	0.187	ng/ul	
26) Benzo(a)pyrene	24.076	252	34323	0.349	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.874	276	22178	0.172	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.887	278	5795	0.056	ng/ul#	43
29) Benzo(g,h,i)perylene	27.716	276	20958	0.195	ng/ul	92

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

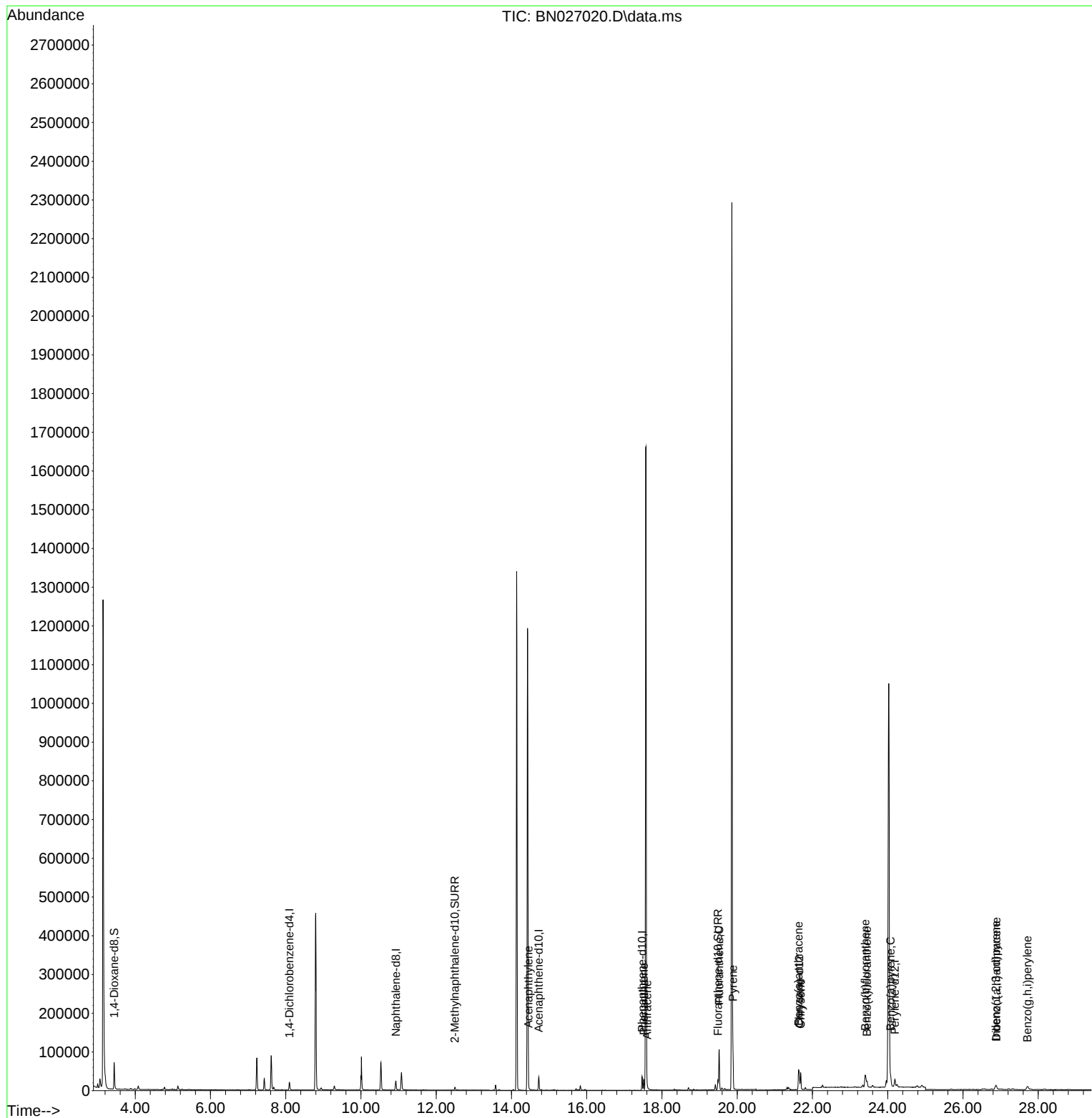
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027020.D
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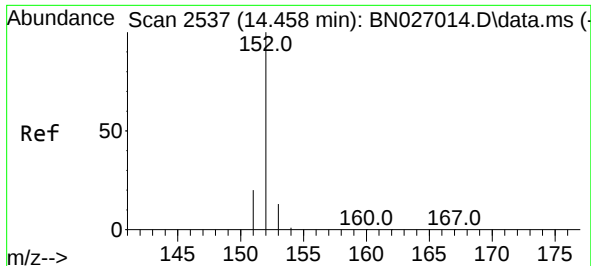
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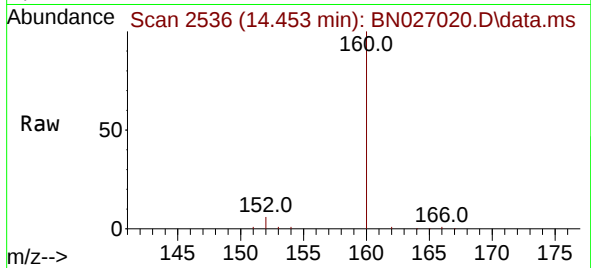
Quant Time: Aug 22 09:35:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.453 min Scan# 2536
Delta R.T. -0.004 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

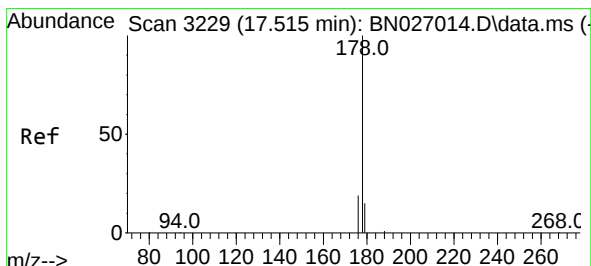
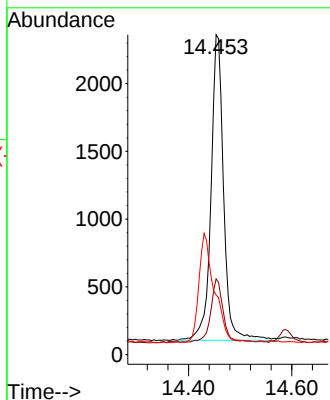
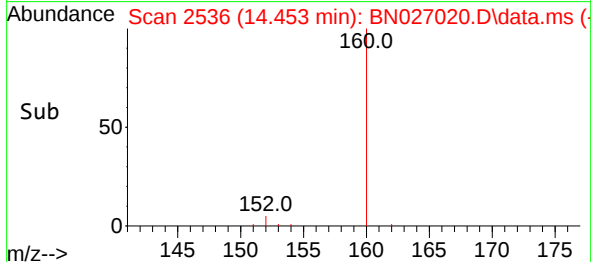
Instrument :
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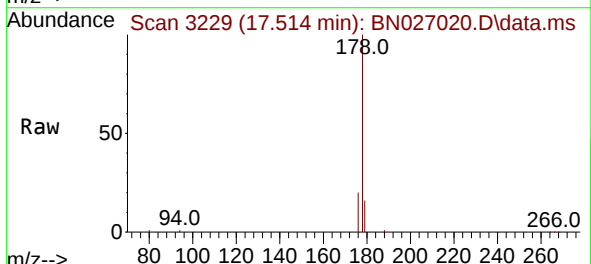
Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 23.7 15.9 23.9
153 18.6 11.0 16.6

Manual Integrations
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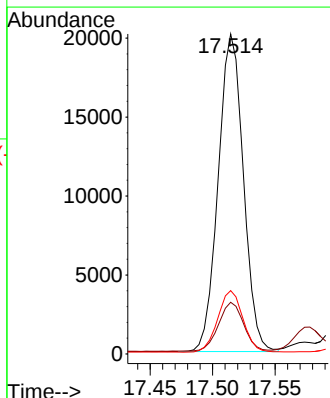
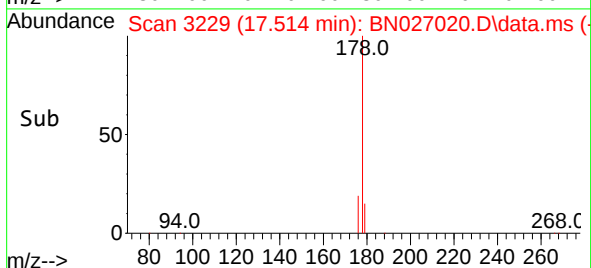
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

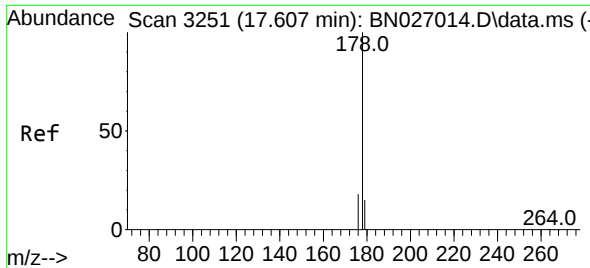


#15
Phenanthrene
Concen: 0.206 ng/ul
RT: 17.514 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07



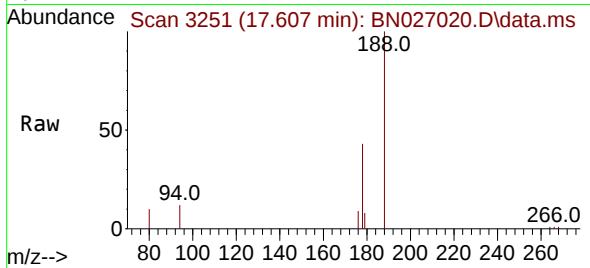
Tgt Ion:178 Resp: 28145
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.8 15.4 23.2





#16
 Anthracene
 Concen: 0.049 ng/ul
 RT: 17.607 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027020.D
 Acq: 22 Aug 2023 09:07

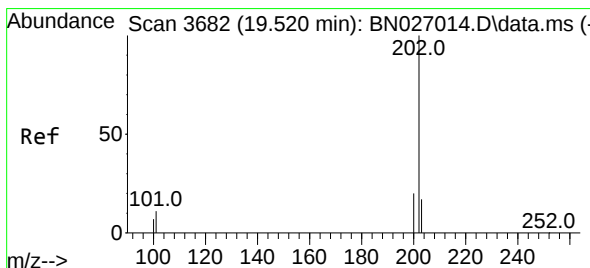
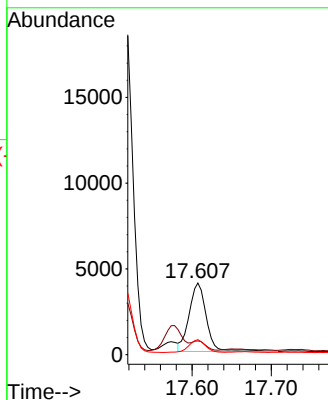
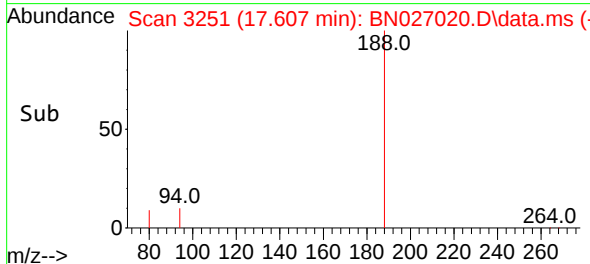
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Tgt Ion:178 Resp: 6040
 Ion Ratio Lower Upper
 178 100
 179 19.3 12.6 19.0
 176 21.1 15.0 22.6

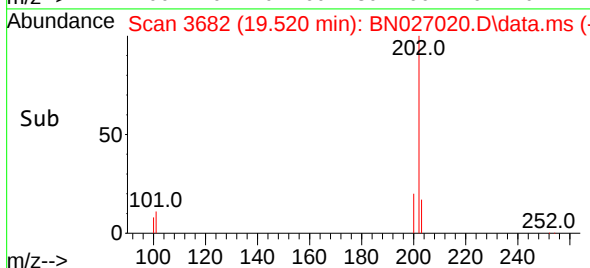
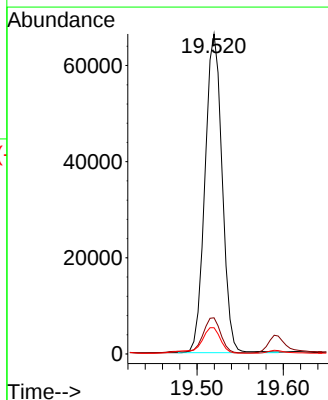
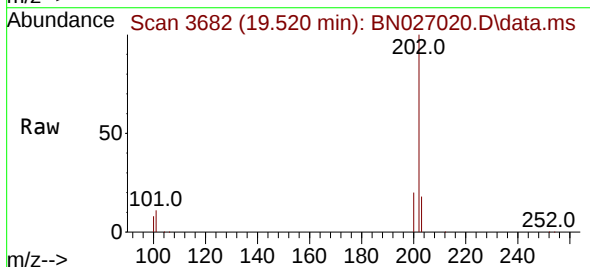
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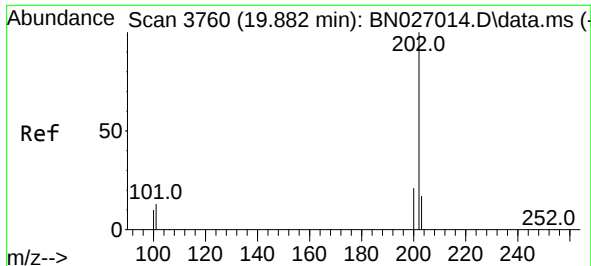
Reviewed By :Yogesh Patel 08/22/2023
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#19
 Fluoranthene
 Concen: 0.668 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN027020.D
 Acq: 22 Aug 2023 09:07

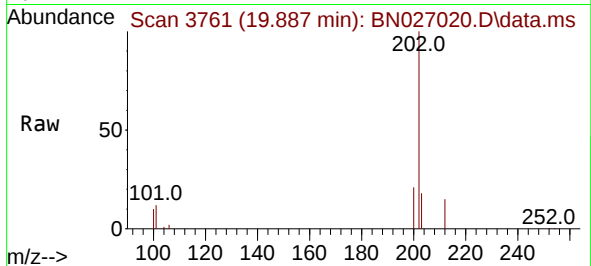
Tgt Ion:202 Resp: 91661
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.3 12.5
 100 8.2 6.2 9.2





#20
Pyrene
Concen: 0.576 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

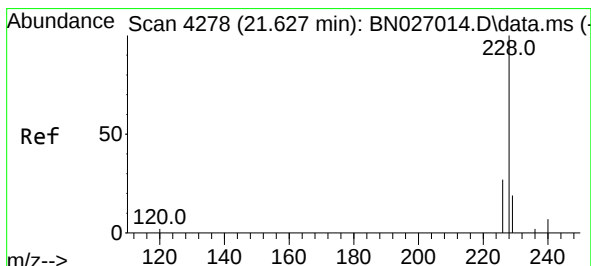
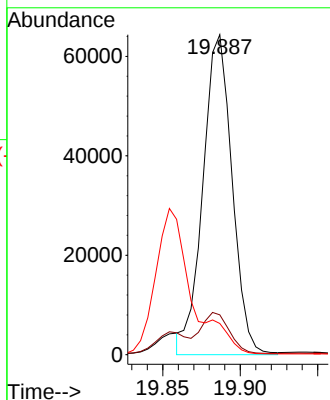
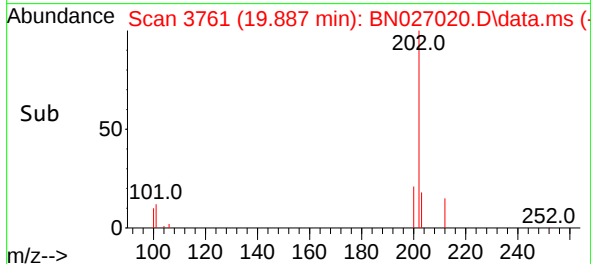
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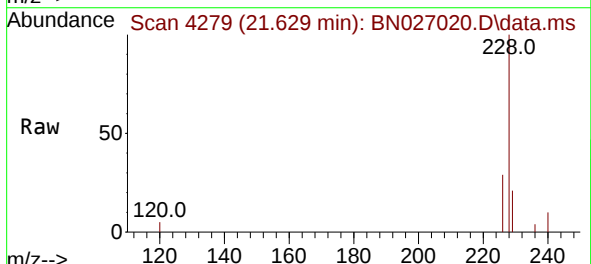
Tgt Ion:202 Resp: 84372
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.8 8.5 12.7

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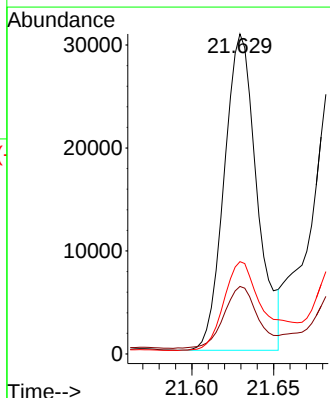
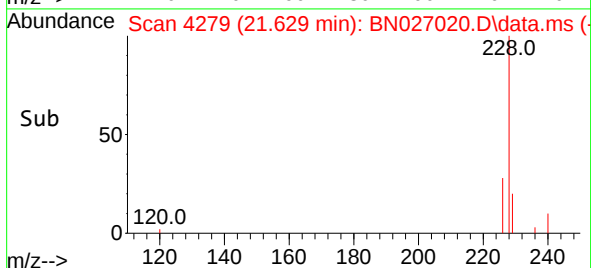
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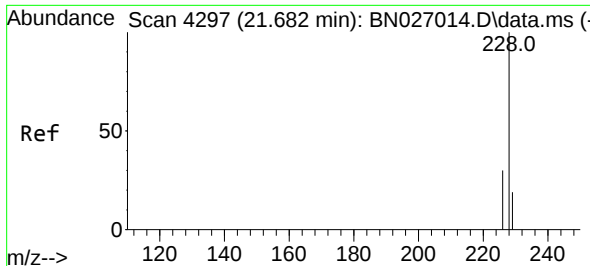


#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.629 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07



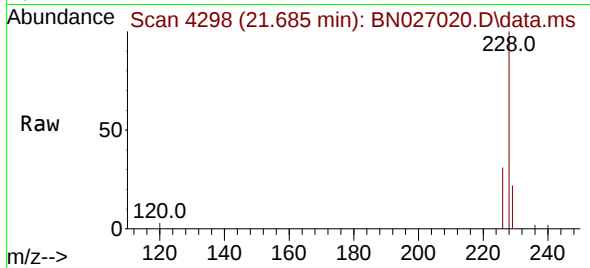
Tgt Ion:228 Resp: 42875
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.8 22.2 33.2





#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

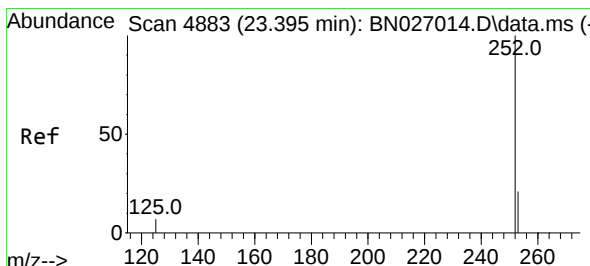
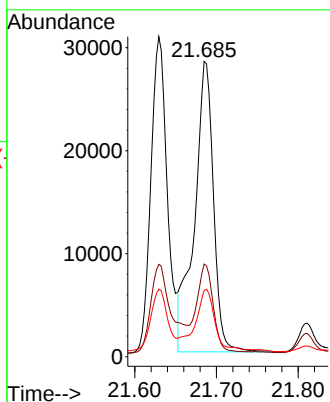
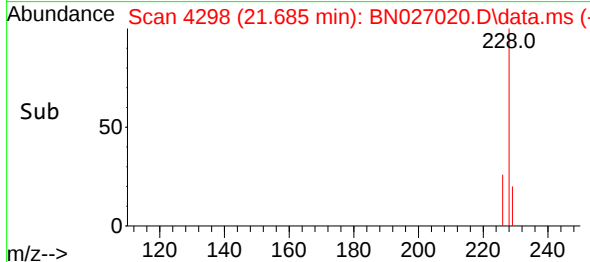
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BNA_N
ClientSampleId :
A48P4



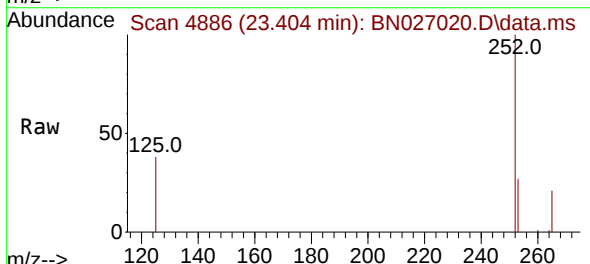
Tgt Ion:228 Resp: 45848
Ion Ratio Lower Upper
228 100
226 31.4 24.6 36.8
229 22.4 15.8 23.6

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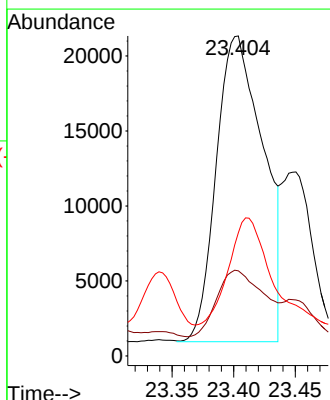
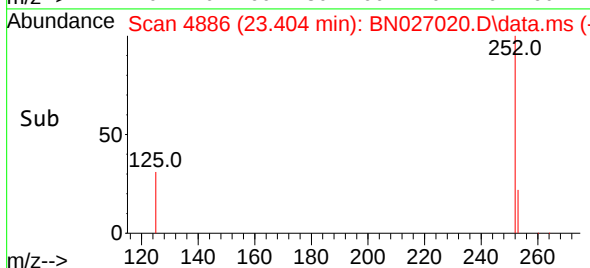
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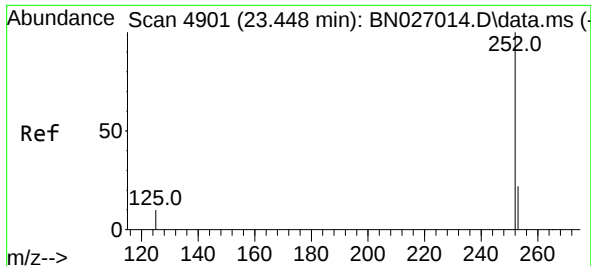


#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul m
RT: 23.404 min Scan# 4886
Delta R.T. -0.003 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07



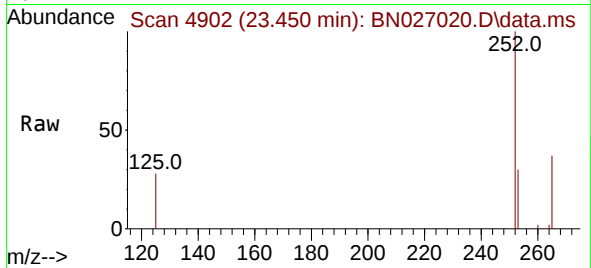
Tgt Ion:252 Resp: 53950
Ion Ratio Lower Upper
252 100
253 26.6 0.0 46.8
125 38.5 0.0 25.2#





#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.450 min Scan# 4901
Delta R.T. -0.009 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

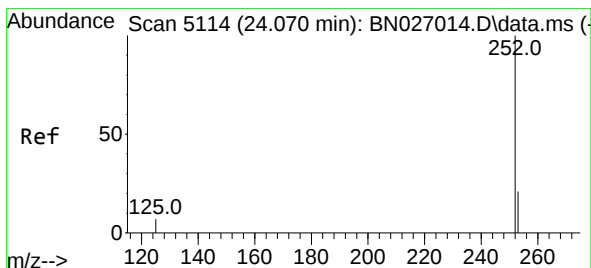
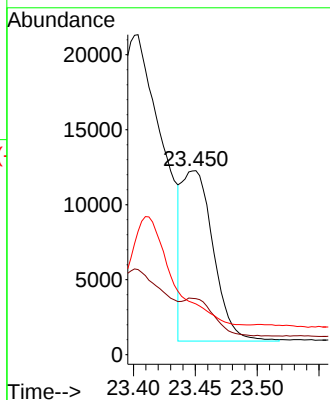
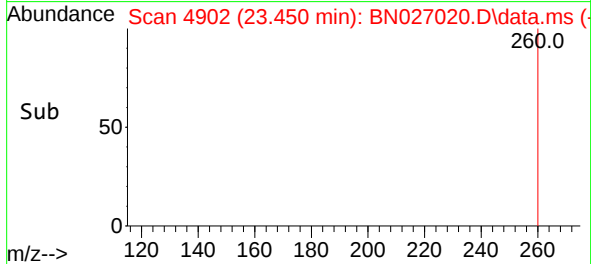
Instrument :
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Tgt Ion:252 Resp: 2016
Ion Ratio Lower Upper
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253 30.5 18.2 27.4
125 27.6 9.9 14.9

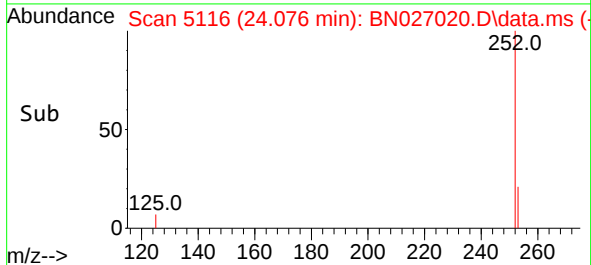
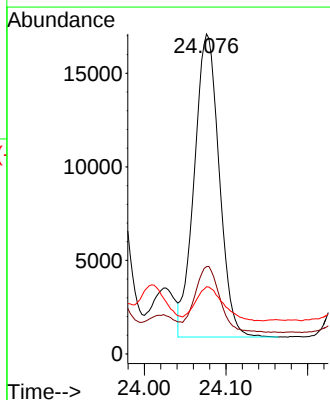
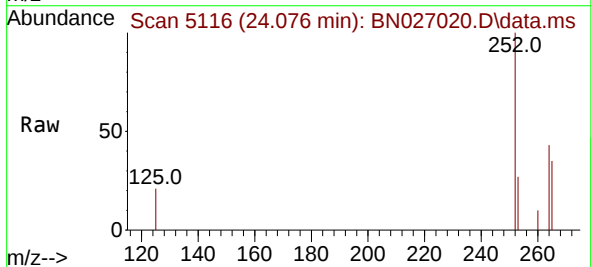
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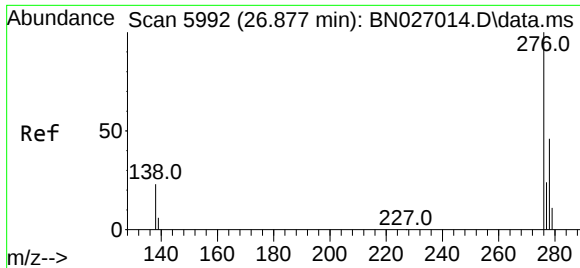
Reviewed By :Yogesh Patel 08/22/2023
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#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 24.076 min Scan# 5116
Delta R.T. -0.009 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

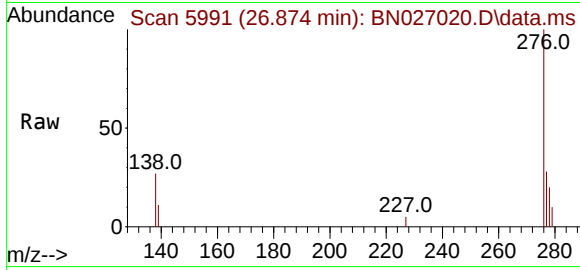
Tgt Ion:252 Resp: 34323
Ion Ratio Lower Upper
252 100
253 27.3 19.0 28.6
125 21.0 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.874 min Scan# 5992
Delta R.T. -0.011 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07

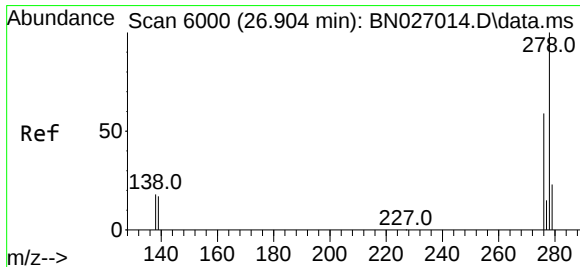
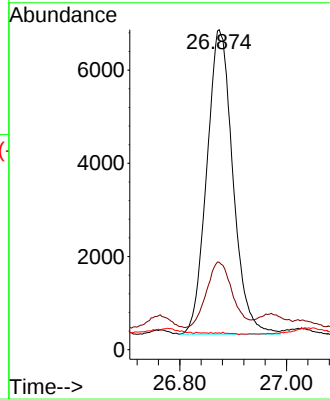
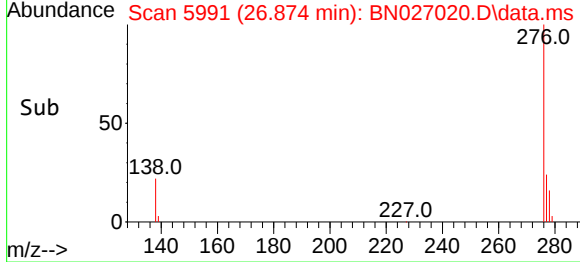
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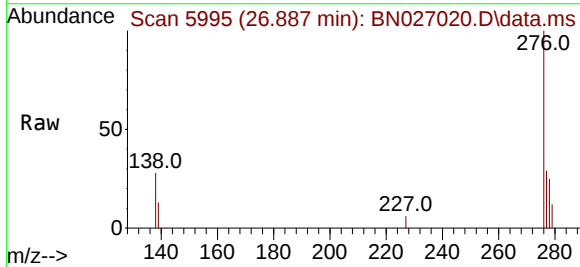
Tgt Ion: 276 Resp: 22178
Ion Ratio Lower Upper
276 100
138 21.6 21.6 32.4
227 0.0 0.0 0.0

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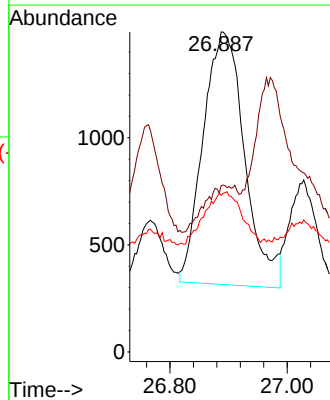
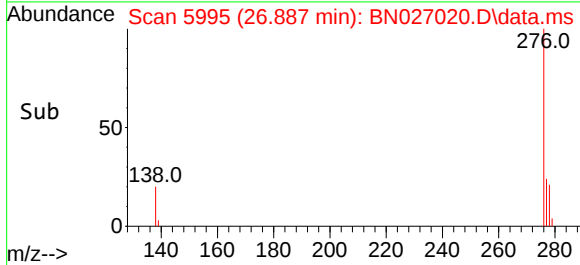
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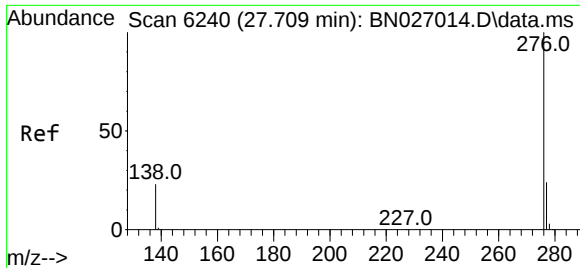


#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.887 min Scan# 5995
Delta R.T. -0.034 min
Lab File: BN027020.D
Acq: 22 Aug 2023 09:07



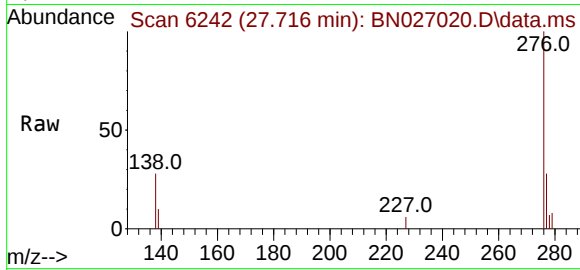
Tgt Ion: 278 Resp: 5795
Ion Ratio Lower Upper
278 100
139 52.0 15.7 23.5#
279 48.9 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.195 ng/ul
 RT: 27.716 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN027020.D
 Acq: 22 Aug 2023 09:07

Instrument :
 BNA_N
 ClientSampleId :
 A48P4



Tgt Ion: 276 Resp: 20958
 Ion Ratio Lower Upper
 276 100
 138 28.0 19.3 28.9
 277 28.4 19.8 29.8

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