

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027091.D
 Acq On : 24 Aug 2023 09:42
 Operator : MA/JU
 Sample : 03968-30
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 02:57:36 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 : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	11846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	40512	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	24510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	55495	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	47197	0.400	ng/ul	0.00
23) Perylene-d12	24.167	264	46079	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	34902	2.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	6801	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	19231	0.129	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.444	152	7010	0.051	ng/ul	96
15) Phenanthrene	17.502	178	34092	0.187	ng/ul	100
16) Anthracene	17.595	178	9116	0.055	ng/ul	96
19) Fluoranthene	19.511	202	113126	0.577	ng/ul	100
20) Pyrene	19.873	202	105893m	0.506	ng/ul	
21) Benzo(a)anthracene	21.618	228	66991	0.357	ng/ul	98
22) Chrysene	21.671	228	57146	0.308	ng/ul	98
24) Benzo(b)fluoranthene	23.383	252	90566m	0.520	ng/ul	
25) Benzo(k)fluoranthene	23.427	252	30594m	0.178	ng/ul	
26) Benzo(a)pyrene	24.056	252	60523	0.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.841	276	35482	0.172	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.861	278	8157	0.050	ng/ul#	74
29) Benzo(g,h,i)perylene	27.679	276	32530	0.190	ng/ul	97

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

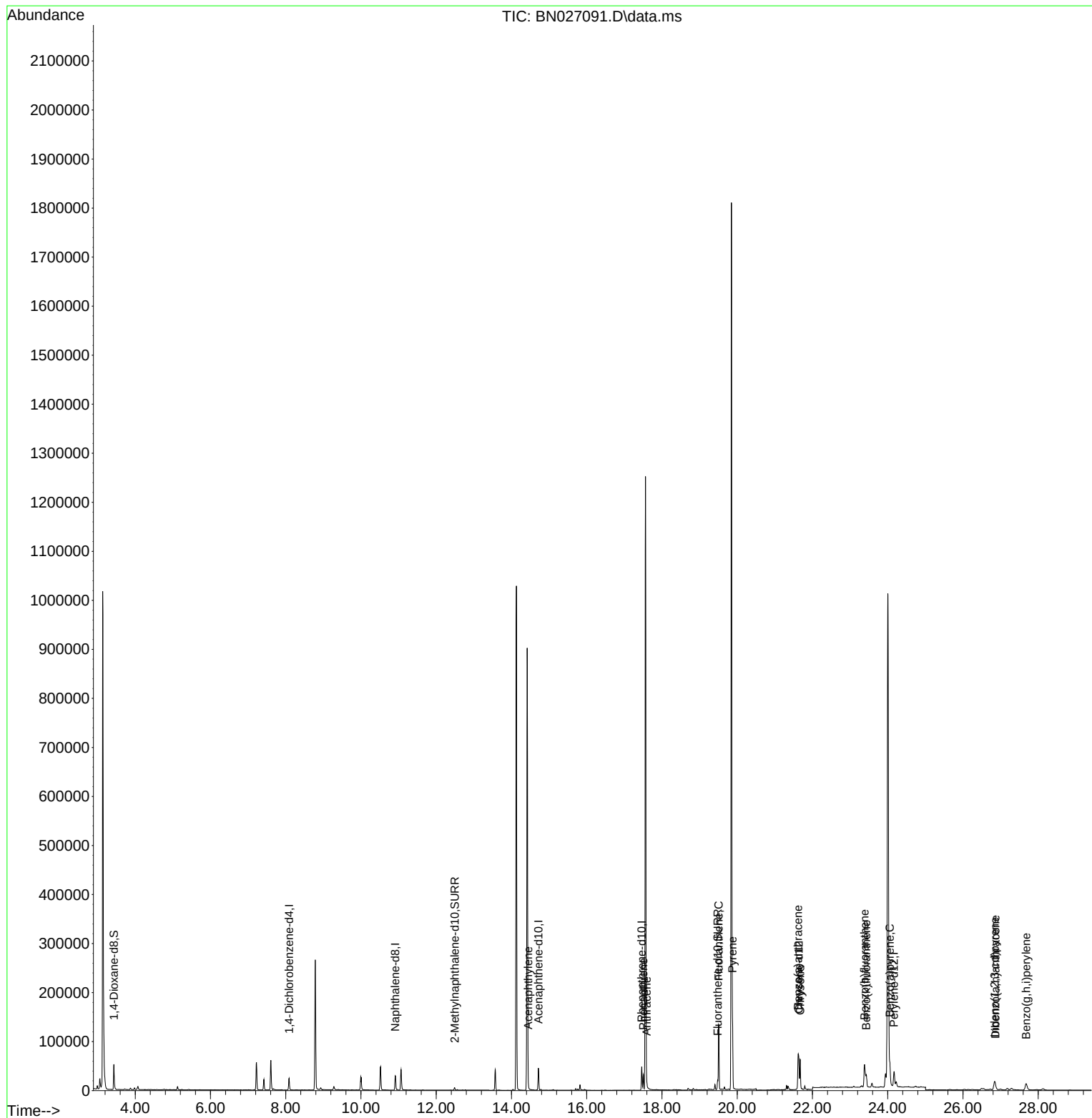
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027091.D
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ALS Vial : 111 Sample Multiplier: 1

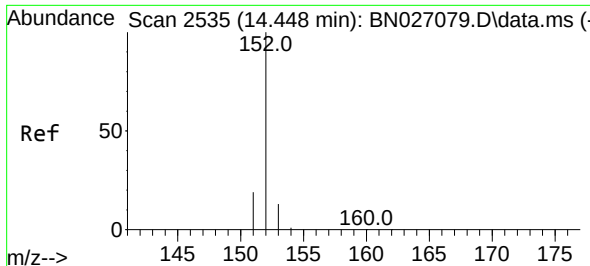
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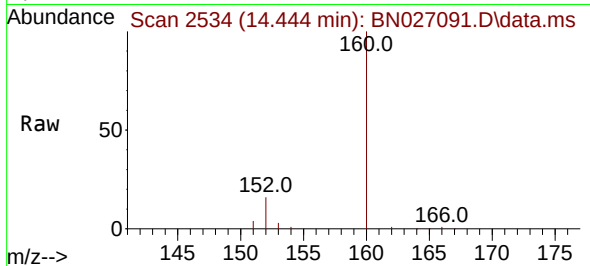
Quant Time: Aug 25 02:57:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

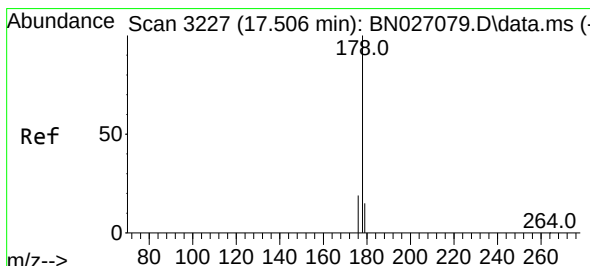
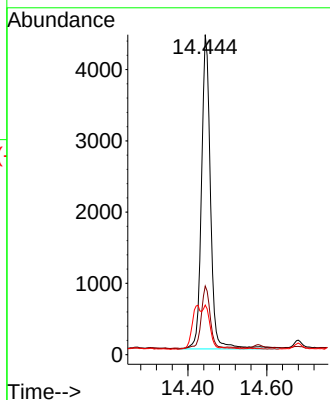
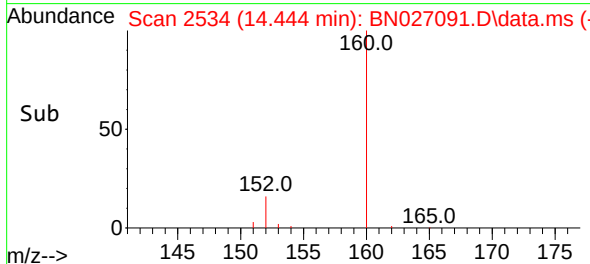
Instrument :
BNA_N
ClientSampleId :
A48P8



Tgt Ion:152 Resp: 7010
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 15.5 11.0 16.6

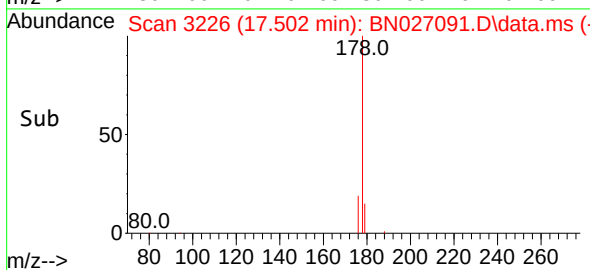
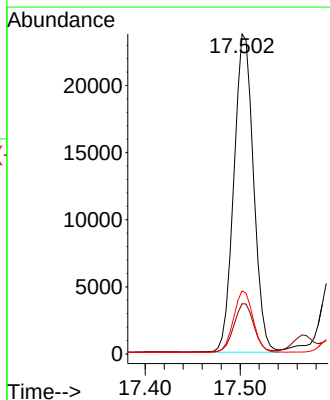
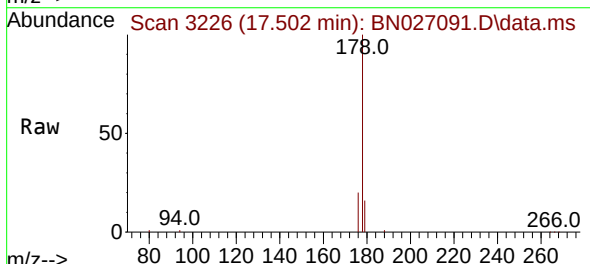
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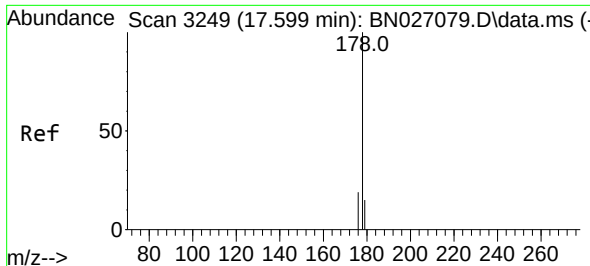
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.502 min Scan# 3226
Delta R.T. -0.008 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

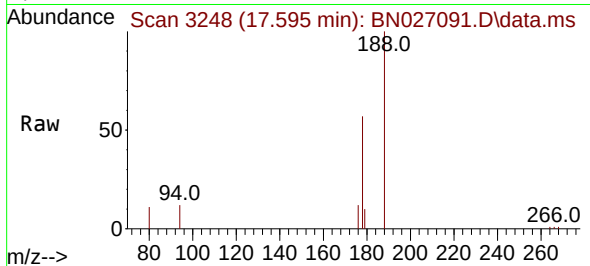
Tgt Ion:178 Resp: 34092
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.7 15.4 23.2





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.595 min Scan# 3110
 Delta R.T. -0.008 min
 Lab File: BN027091.D
 Acq: 24 Aug 2023 09:42

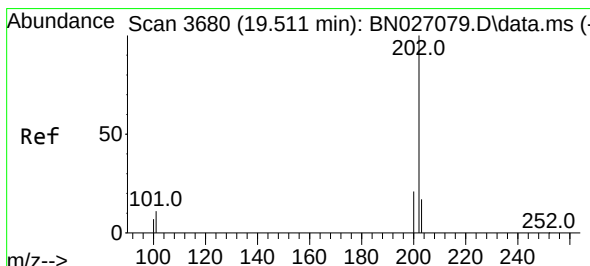
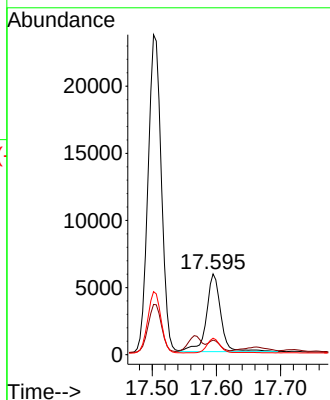
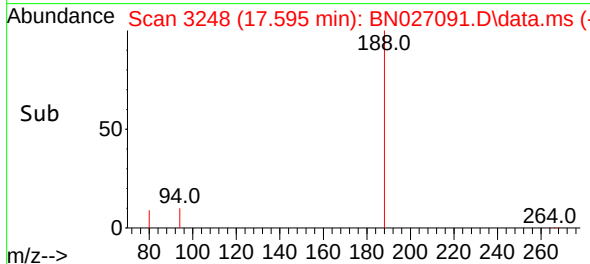
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Tgt Ion:178 Resp: 9110
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.6 19.0
 176 20.3 15.0 22.6

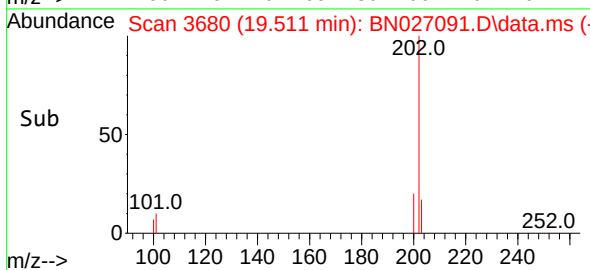
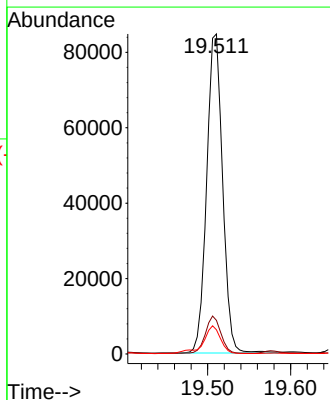
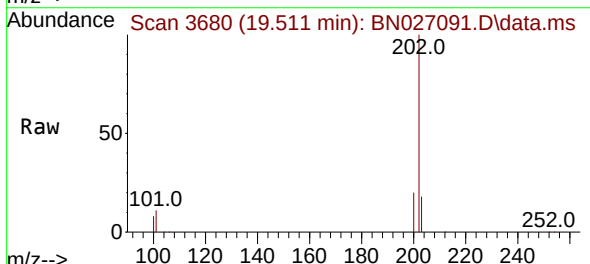
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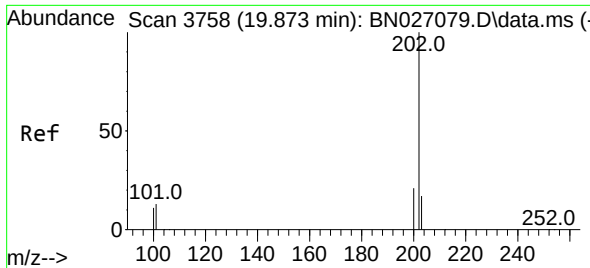
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#19
 Fluoranthene
 Concen: 0.577 ng/ul
 RT: 19.511 min Scan# 3680
 Delta R.T. -0.005 min
 Lab File: BN027091.D
 Acq: 24 Aug 2023 09:42

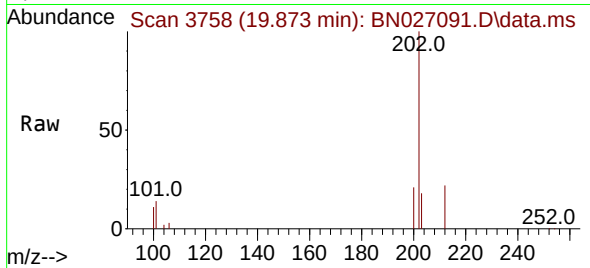
Tgt Ion:202 Resp: 113126
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.3 12.5
 100 7.5 6.2 9.2





#20
Pyrene
Concen: 0.506 ng/ul m
RT: 19.873 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

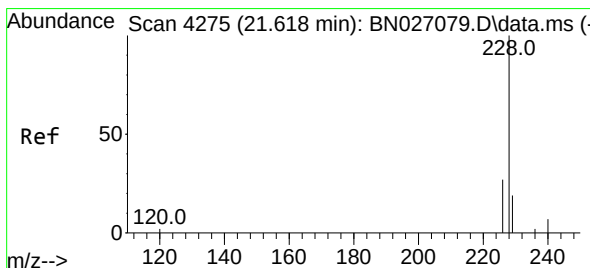
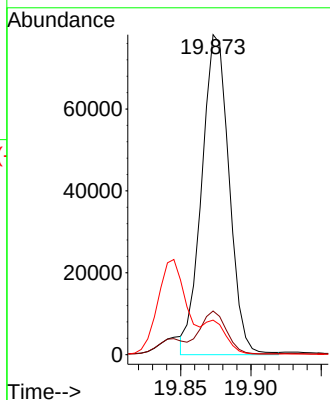
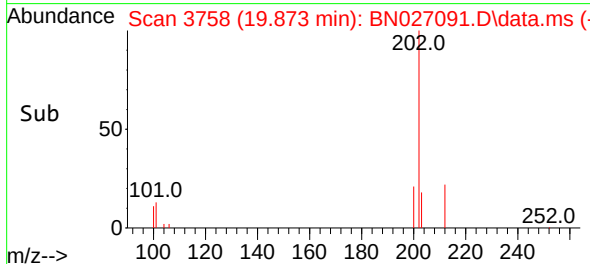
Instrument :
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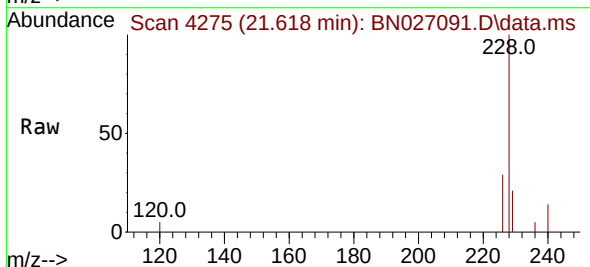
Tgt Ion:202 Resp: 10589
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.8 8.5 12.7

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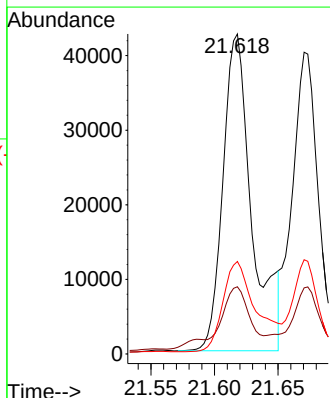
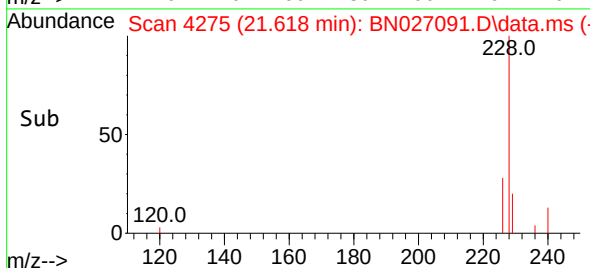
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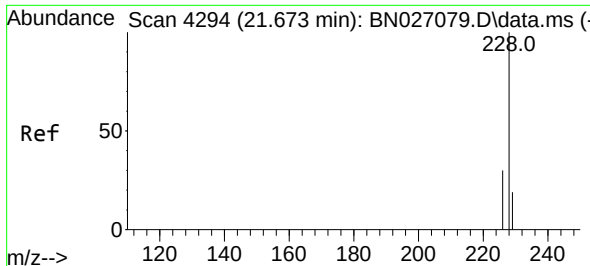


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42



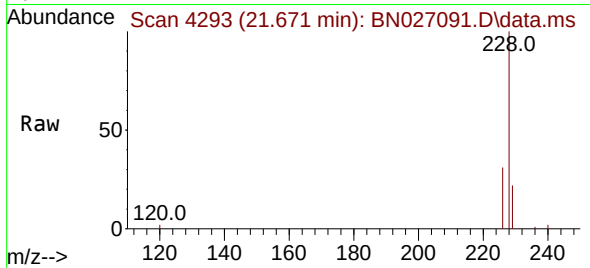
Tgt Ion:228 Resp: 66991
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.9 22.2 33.2





#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.671 min Scan# 4293
Delta R.T. -0.006 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

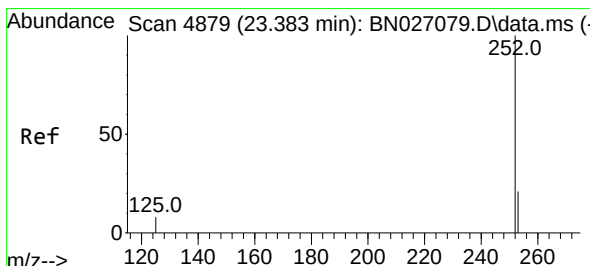
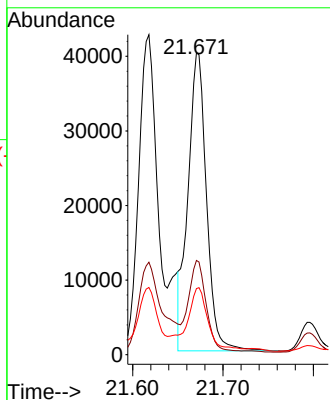
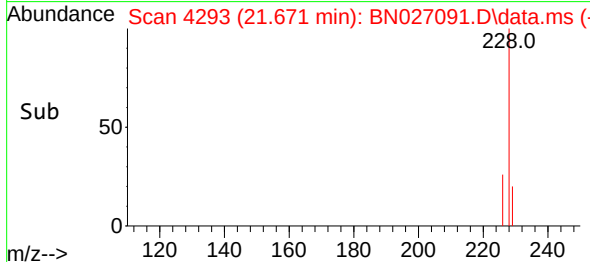
Instrument :
BNA_N
ClientSampleId :
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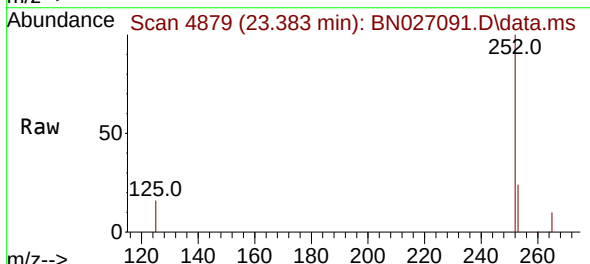
Tgt Ion:228 Resp: 57140
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 21.9 15.8 23.6

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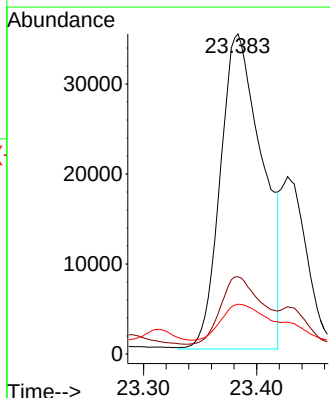
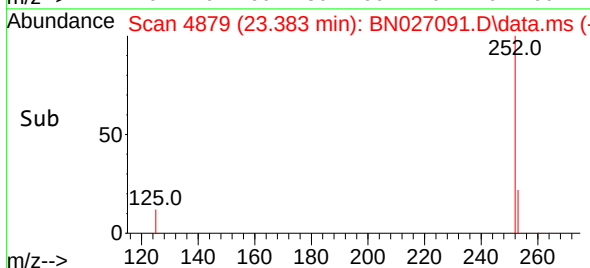
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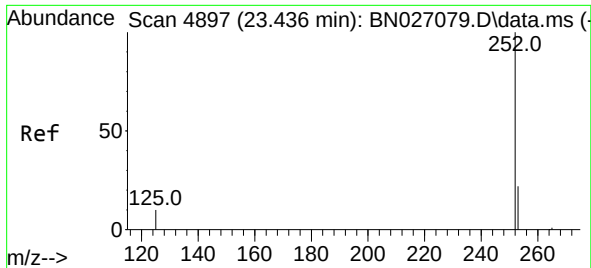


#24
Benzo(b)fluoranthene
Concen: 0.520 ng/ul m
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42



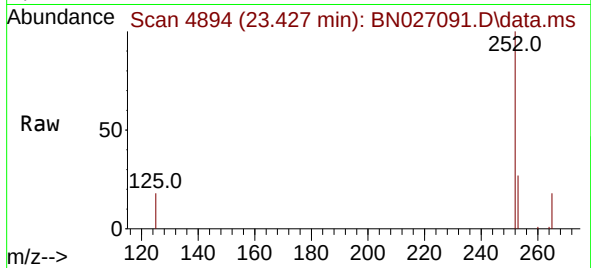
Tgt Ion:252 Resp: 90566
Ion Ratio Lower Upper
252 100
253 24.1 0.0 46.8
125 15.6 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 23.427 min Scan# 4894
Delta R.T. -0.012 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

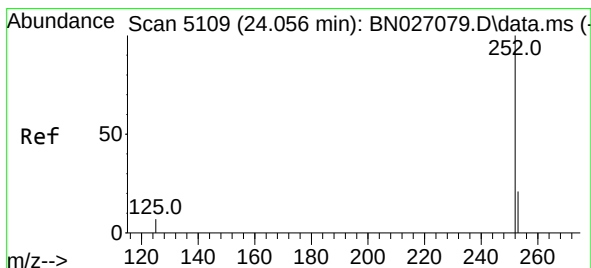
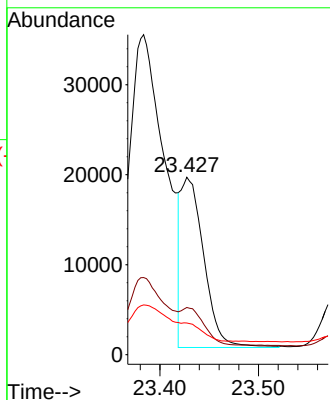
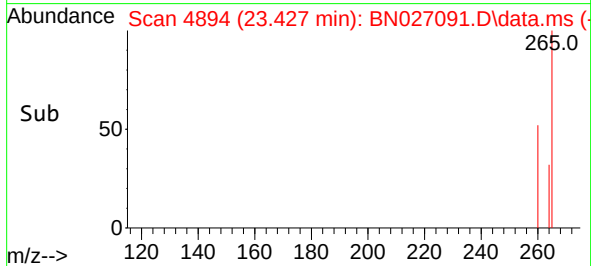
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A48P8



Tgt Ion:252 Resp: 30594
Ion Ratio Lower Upper
252 100
253 26.6 18.2 27.4
125 17.8 9.9 14.9

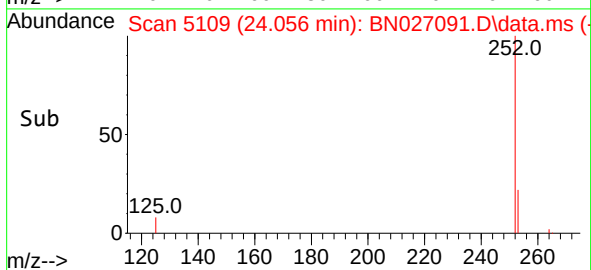
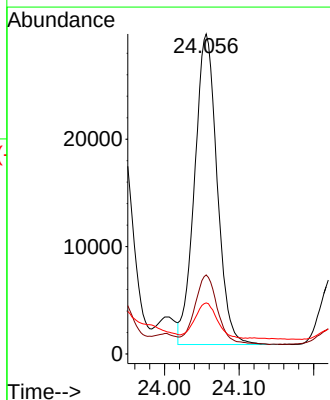
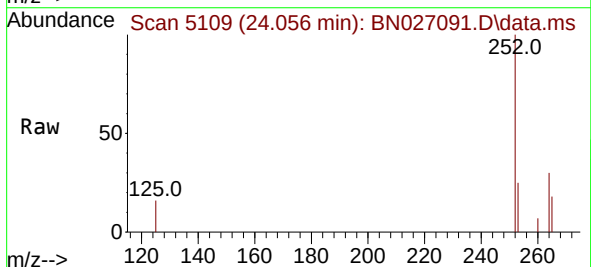
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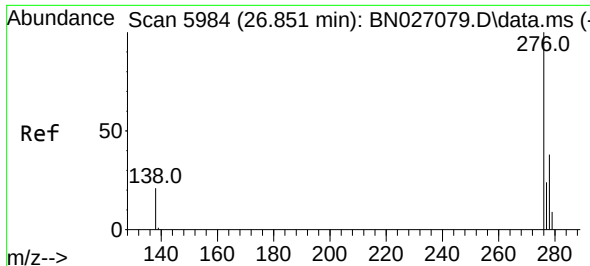
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 24.056 min Scan# 5109
Delta R.T. -0.006 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

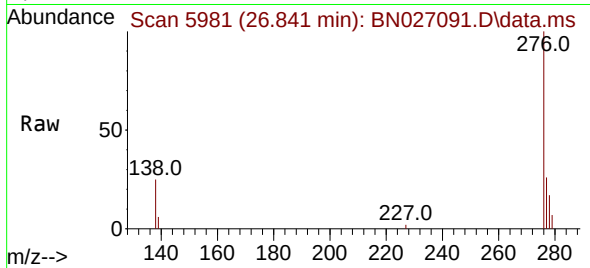
Tgt Ion:252 Resp: 60523
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.6
125 16.0 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.841 min Scan# 5984
Delta R.T. -0.013 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42

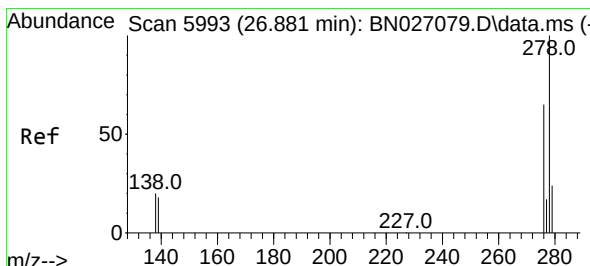
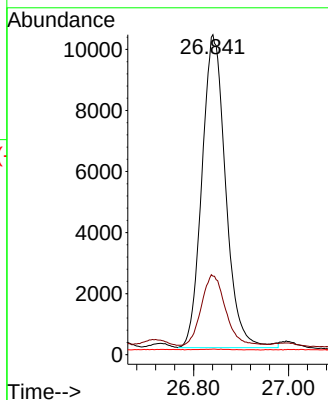
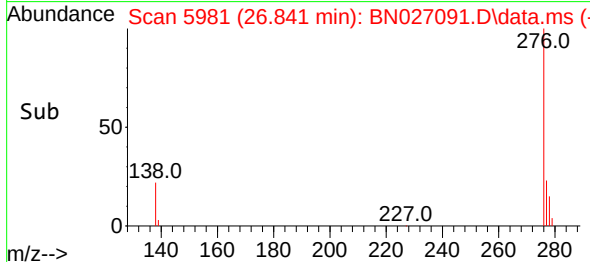
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BNA_N
ClientSampleId :
A48P8



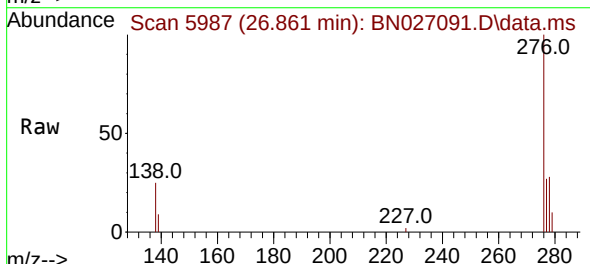
Tgt Ion:276 Resp: 3548
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.2 0.0 0.0

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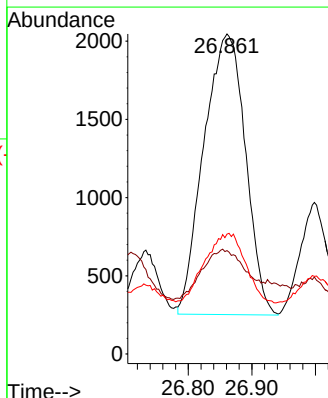
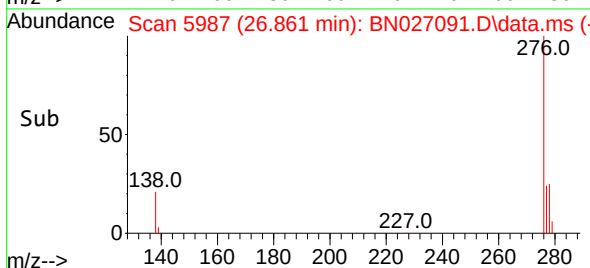
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

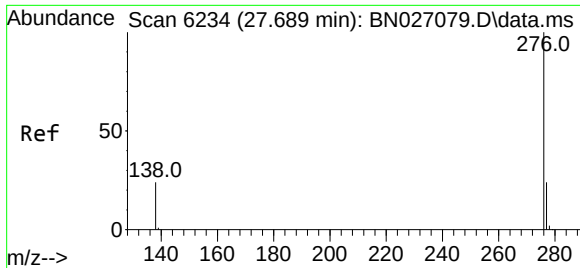


#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.861 min Scan# 5987
Delta R.T. -0.024 min
Lab File: BN027091.D
Acq: 24 Aug 2023 09:42



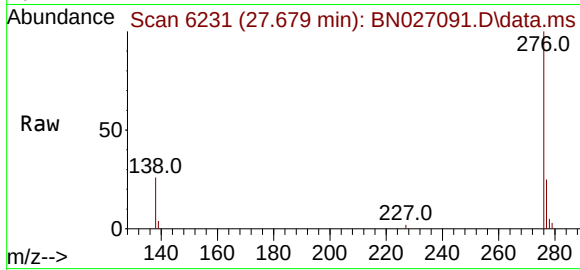
Tgt Ion:278 Resp: 8157
Ion Ratio Lower Upper
278 100
139 32.3 15.7 23.5#
279 37.4 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.190 ng/ul
 RT: 27.679 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN027091.D
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Instrument :
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Tgt Ion:	276	Resp:	32530
Ion Ratio	Lower	Upper	
276	100		
138	26.3	19.3	28.9
277	25.3	19.8	29.8

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 Supervised By :mohammad ahmed 08/25/2023

