

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026968.D
 Acq On : 18 Aug 2023 20:28
 Operator : MA/JU
 Sample : 03965-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 00:02:26 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	8.105	152	8002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	27420	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	16239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	36537	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	32487	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	36266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	30224	3.181	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	8932	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	23968	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.519	178	7161	0.060	ng/ul	95
19) Fluoranthene	19.524	202	17813	0.132	ng/ul	99
20) Pyrene	19.887	202	15854m	0.110	ng/ul	
21) Benzo(a)anthracene	21.630	228	9187	0.071	ng/ul#	91
22) Chrysene	21.685	228	8532	0.067	ng/ul#	90
24) Benzo(b)fluoranthene	23.401	252	13828m	0.101	ng/ul	
25) Benzo(k)fluoranthene	23.451	252	5275m	0.039	ng/ul	
26) Benzo(a)pyrene	24.079	252	8701	0.070	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.877	276	6415	0.040	ng/ul#	83
29) Benzo(g,h,i)perylene	27.719	276	6339	0.047	ng/ul#	73

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

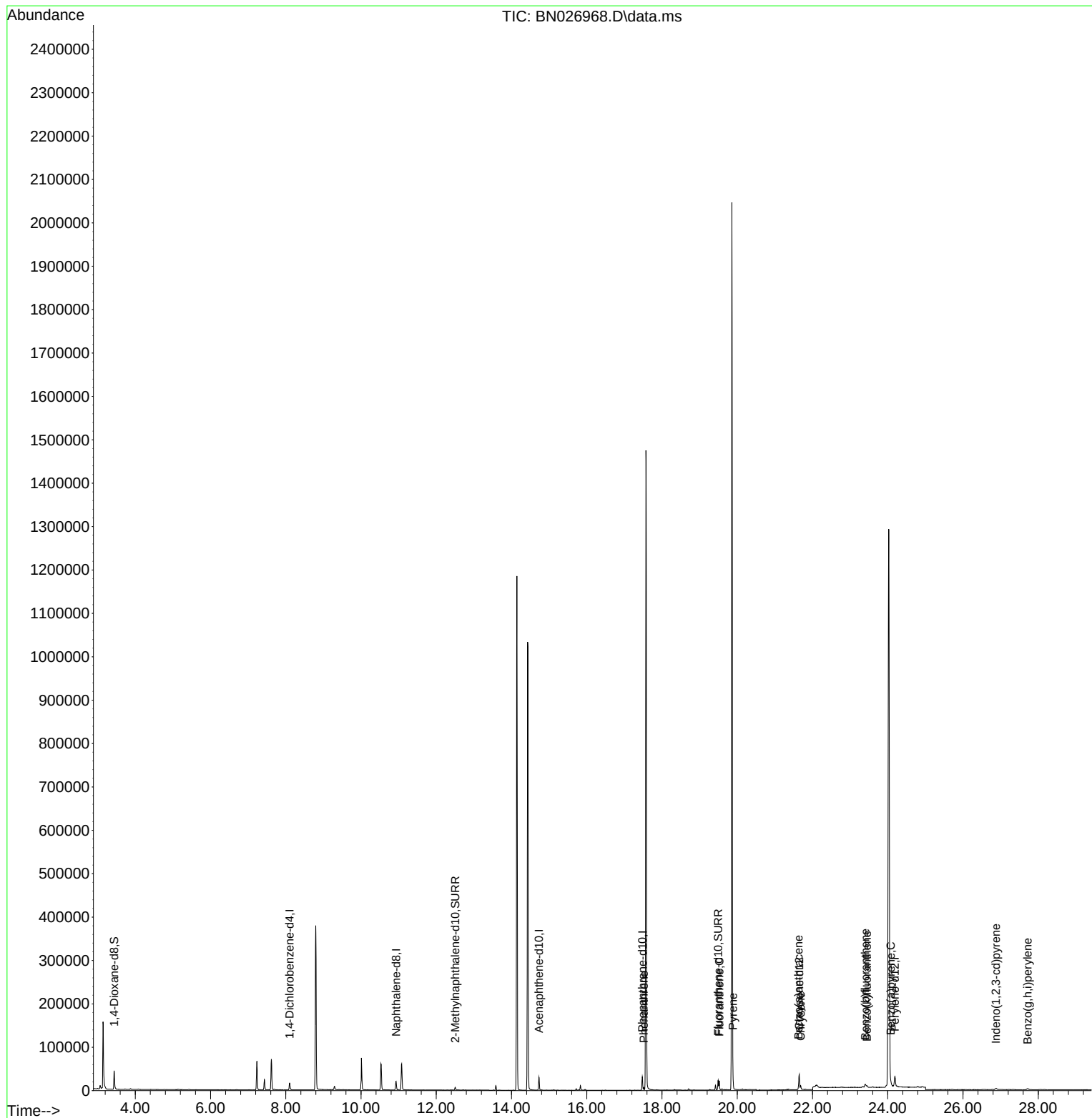
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
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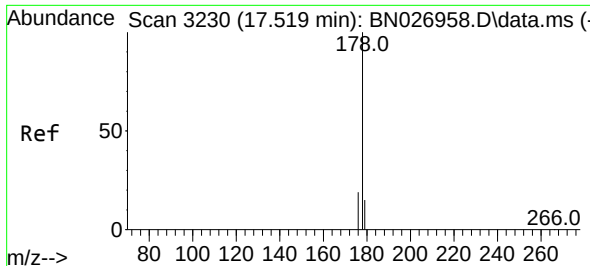
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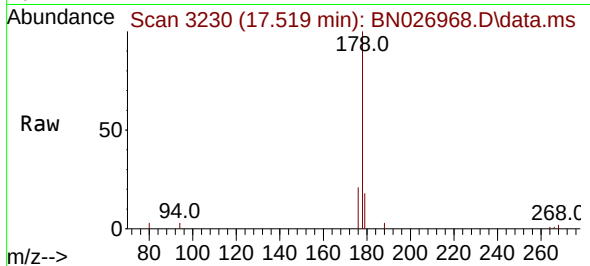
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#15
Phenanthrene
Concen: 0.060 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

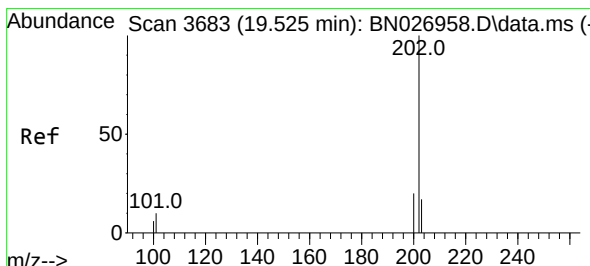
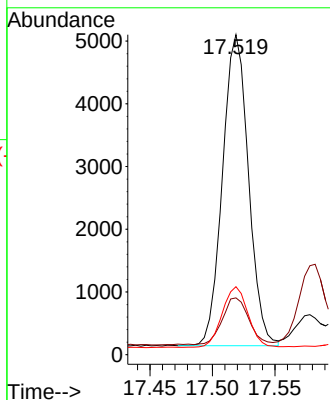
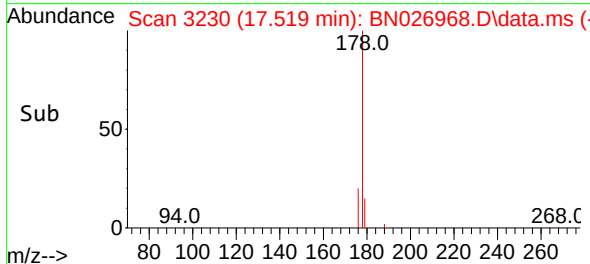
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 716
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 21.2 15.4 23.2

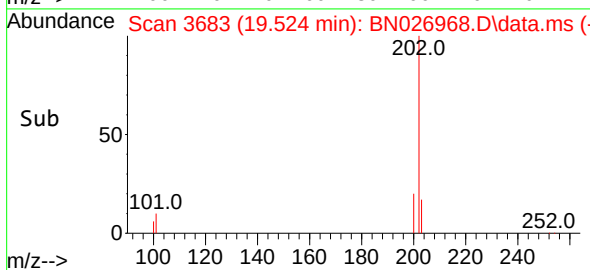
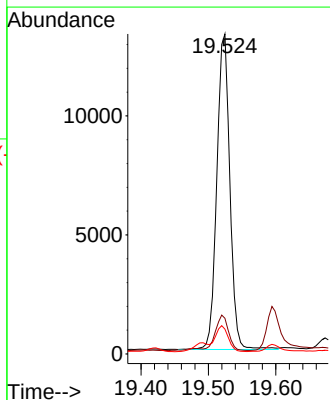
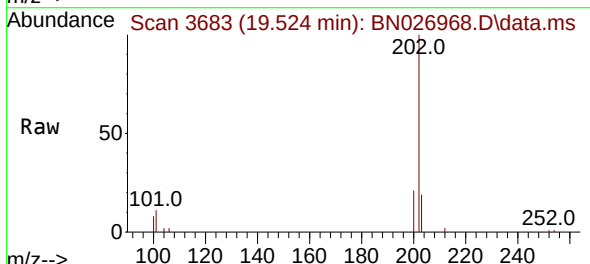
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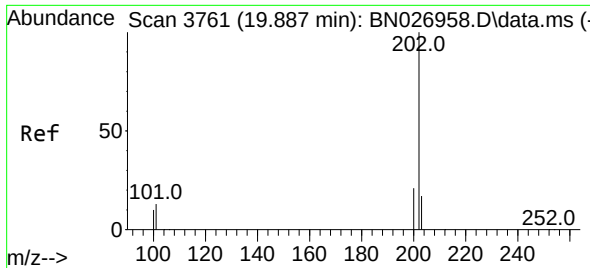
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#19
Fluoranthene
Concen: 0.132 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

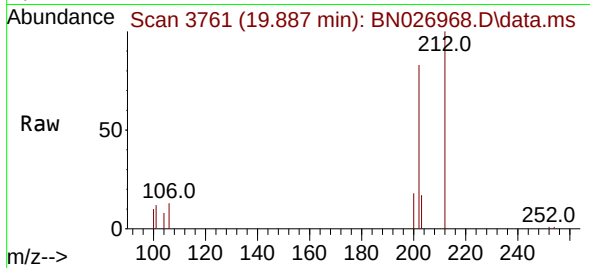
Tgt Ion:202 Resp: 17813
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 7.8 6.2 9.2





#20
Pyrene
Concen: 0.110 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

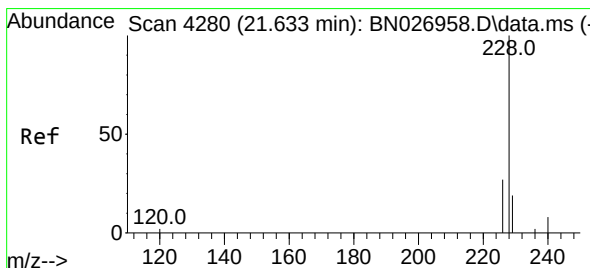
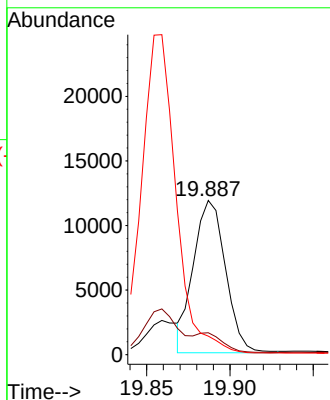
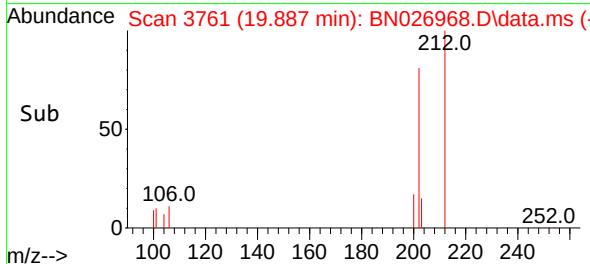
Instrument :
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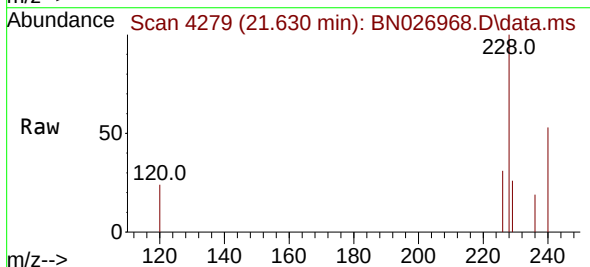
Tgt Ion:202 Resp: 15854
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 12.1 8.5 12.7

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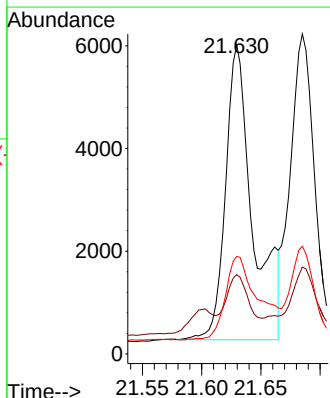
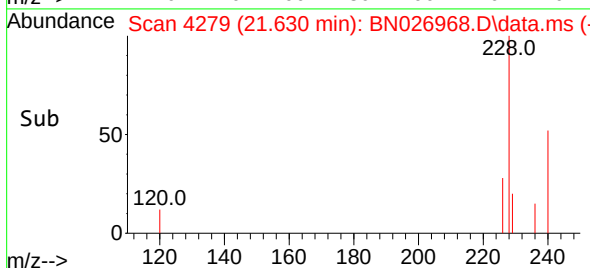
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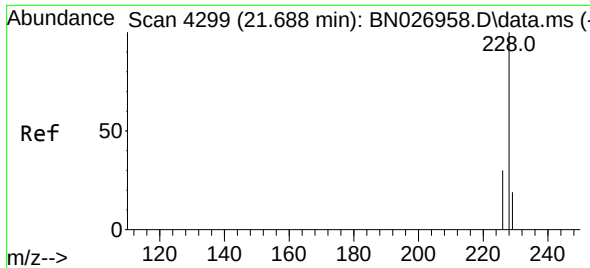


#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28



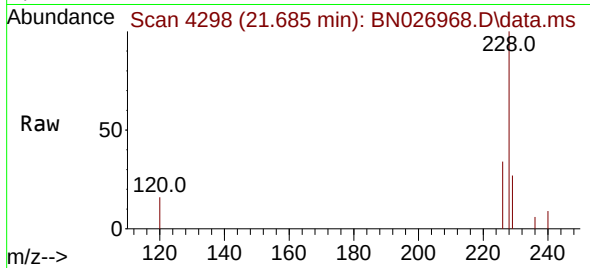
Tgt Ion:228 Resp: 9187
Ion Ratio Lower Upper
228 100
229 25.6 16.0 24.0#
226 31.5 22.2 33.2





#22
Chrysene
Concen: 0.067 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

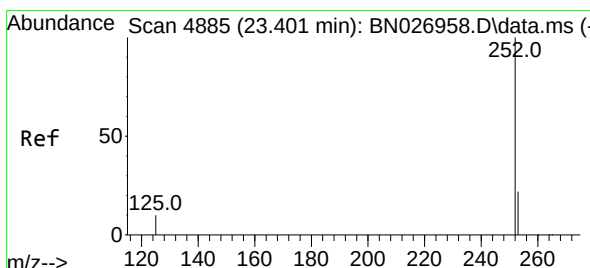
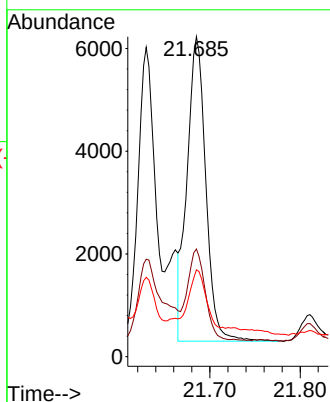
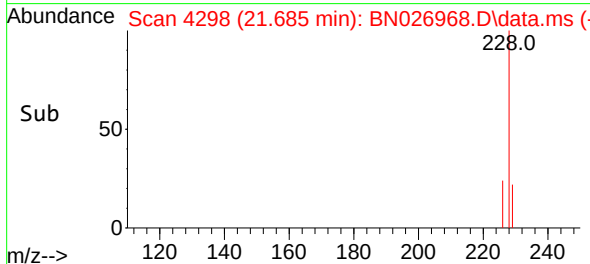
Instrument :
BNA_N
ClientSampleId :
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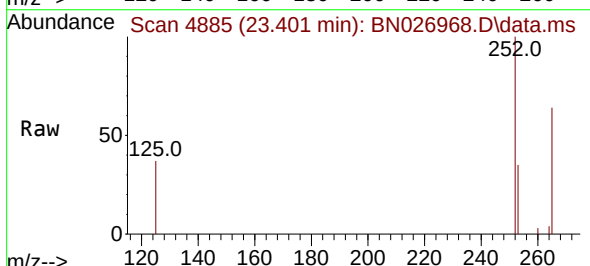
Tgt Ion:228 Resp: 8532
Ion Ratio Lower Upper
228 100
226 33.6 24.6 36.8
229 27.1 15.8 23.6

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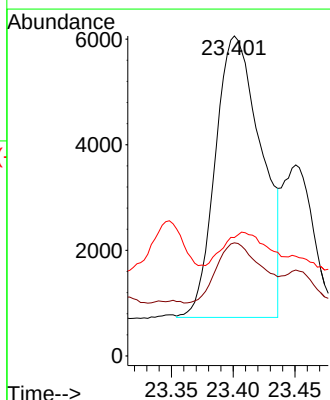
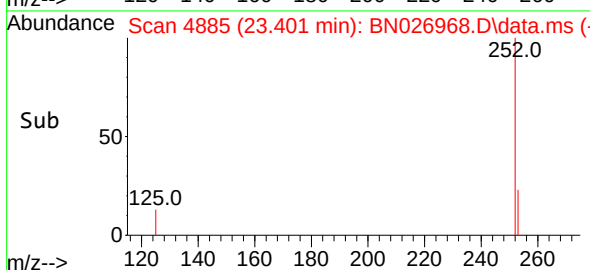
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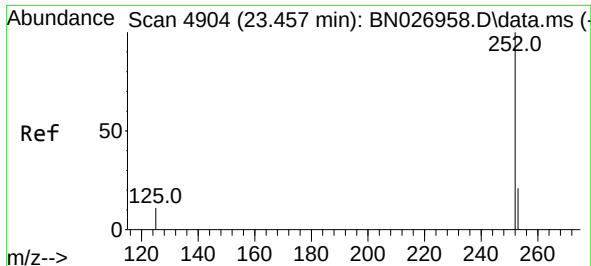


#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28



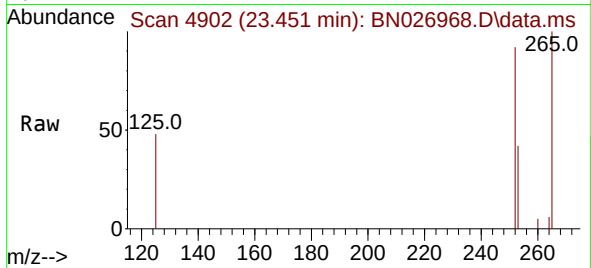
Tgt Ion:252 Resp: 13828
Ion Ratio Lower Upper
252 100
253 35.4 0.0 46.8
125 37.0 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 23.451 min Scan# 4904
Delta R.T. -0.009 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

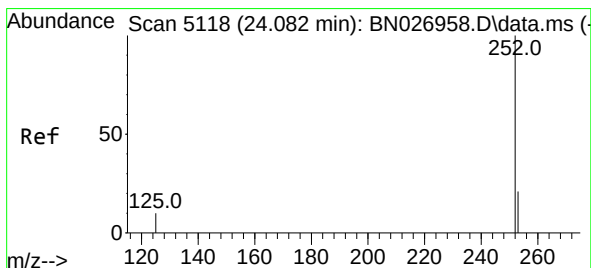
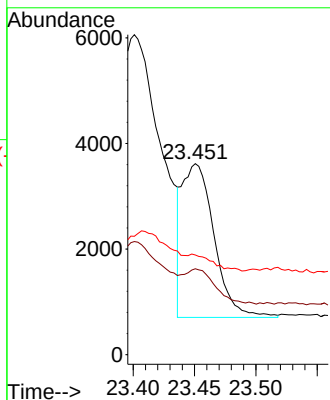
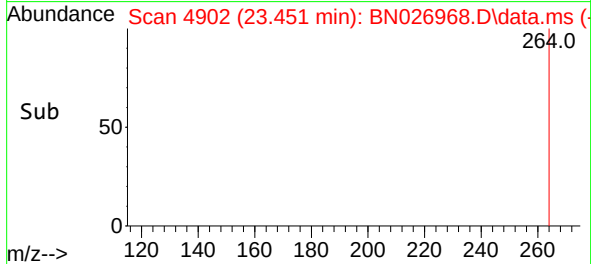
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 5275
Ion Ratio Lower Upper
252 100
253 45.0 18.2 27.4#
125 52.2 9.9 14.9#

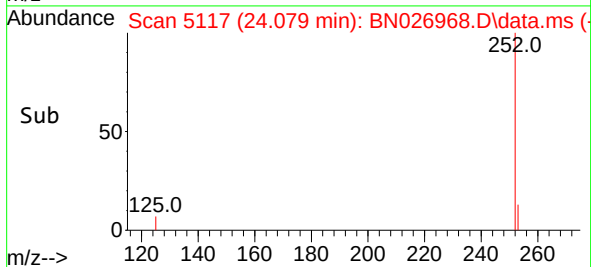
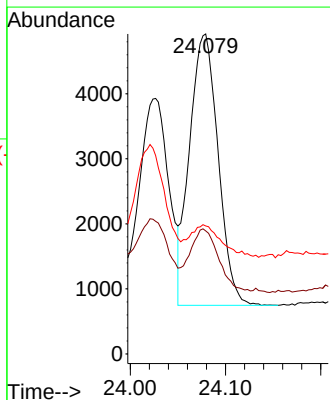
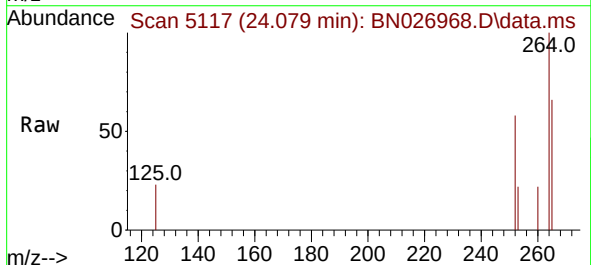
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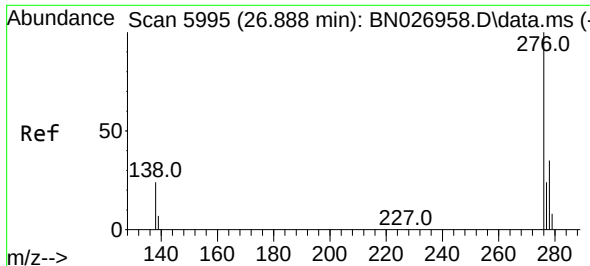
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Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

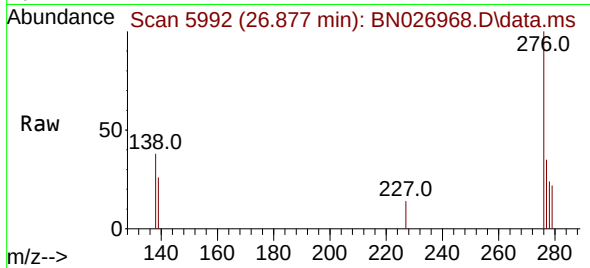
Tgt Ion:252 Resp: 8701
Ion Ratio Lower Upper
252 100
253 38.4 19.0 28.6#
125 40.0 11.4 17.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.877 min Scan# 5992
Delta R.T. -0.007 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

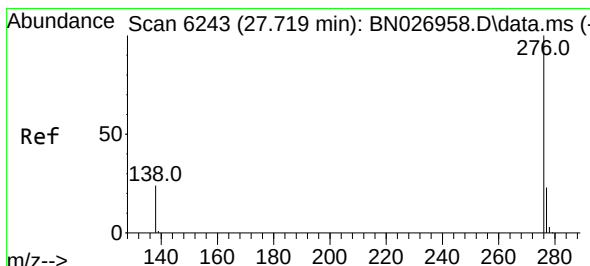
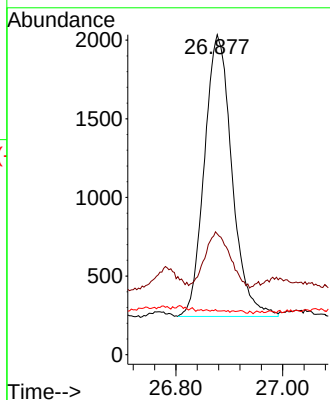
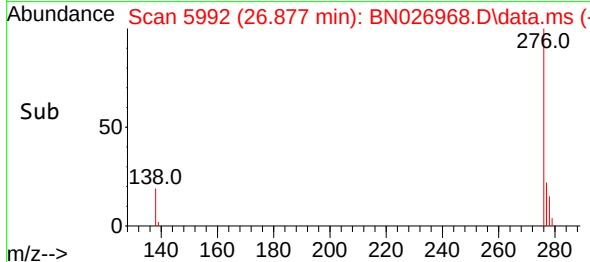
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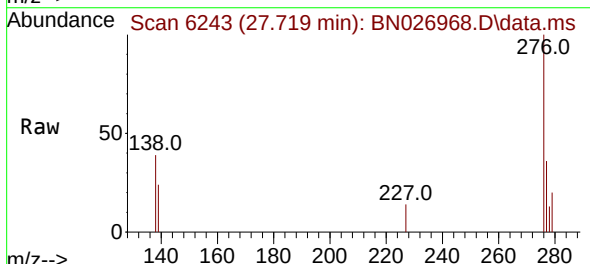
Tgt Ion:276 Resp: 6415
Ion Ratio Lower Upper
276 100
138 18.0 21.6 32.4#
227 0.0 0.0 0.0

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#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 27.719 min Scan# 6243
Delta R.T. -0.004 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28



Tgt Ion:276 Resp: 6339
Ion Ratio Lower Upper
276 100
138 39.1 19.3 28.9#
277 36.2 19.8 29.8#

