

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026980.D
 Acq On : 19 Aug 2023 05:05
 Operator : MA/JU
 Sample : 03965-19DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L4DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 05:33:30 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	8.101	152	7423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24347	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	33585	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	27538	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	25594	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6388	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1749	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	4304	0.049	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.453	152	2500	0.029	ng/ul#	90
15) Phenanthrene	17.515	178	18171	0.165	ng/ul	99
16) Anthracene	17.603	178	3888	0.039	ng/ul#	93
19) Fluoranthene	19.520	202	65199	0.570	ng/ul	99
20) Pyrene	19.882	202	59545m	0.488	ng/ul	
21) Benzo(a)anthracene	21.630	228	27086	0.247	ng/ul	98
22) Chrysene	21.682	228	33687	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	47915m	0.495	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	15248m	0.160	ng/ul	
26) Benzo(a)pyrene	24.071	252	27064	0.310	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.868	276	18226	0.159	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.895	278	3875	0.043	ng/ul#	58
29) Benzo(g,h,i)perylene	27.710	276	16294	0.171	ng/ul	94

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

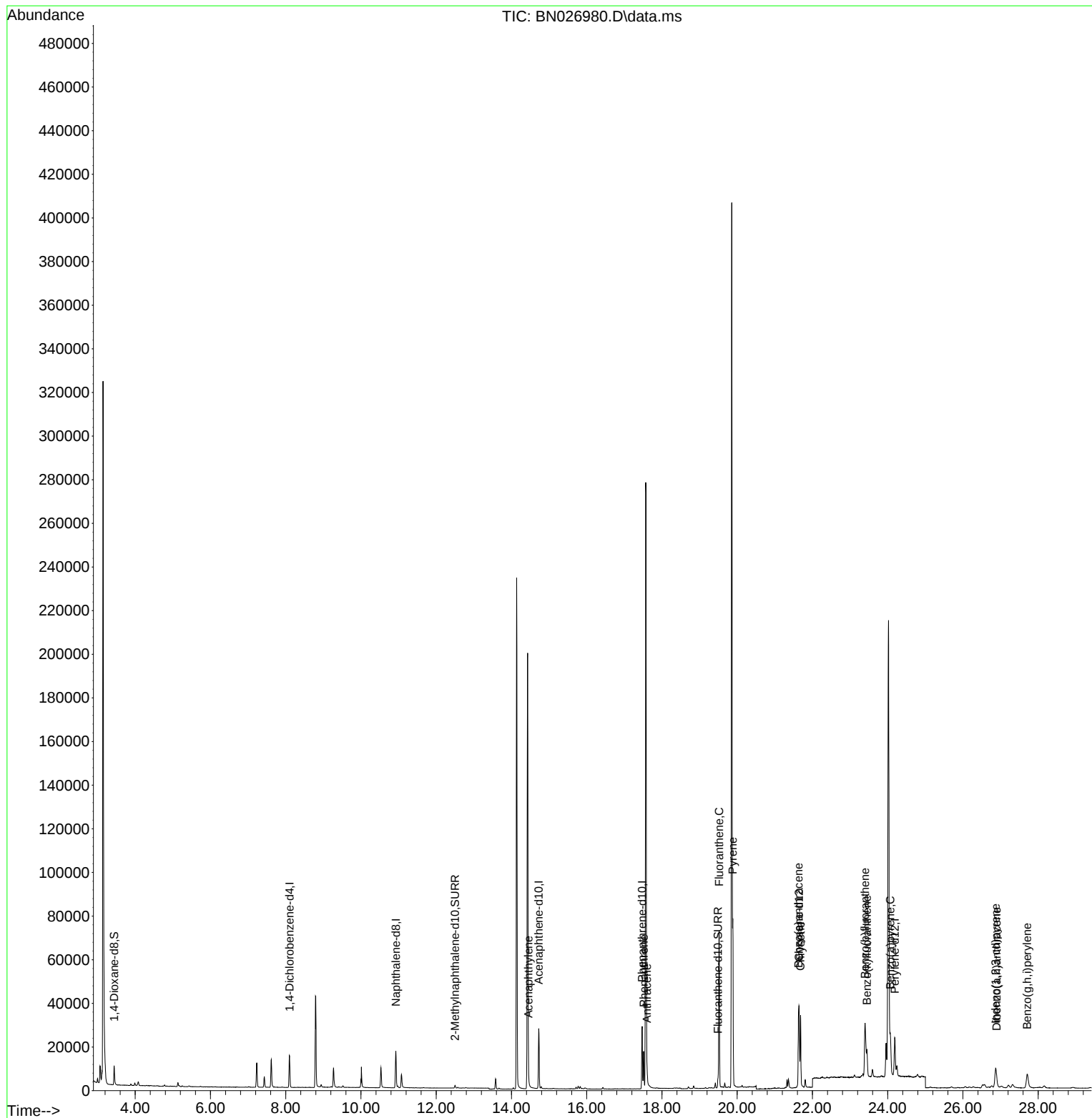
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026980.D
Acq On : 19 Aug 2023 05:05
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ALS Vial : 32 Sample Multiplier: 1

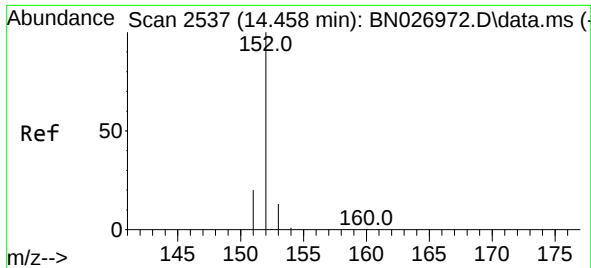
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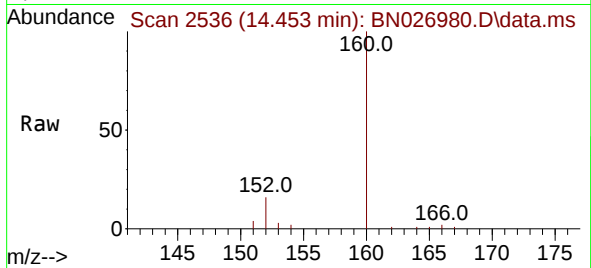
Quant Time: Aug 19 05:33:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.453 min Scan# 2536
Delta R.T. -0.005 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05

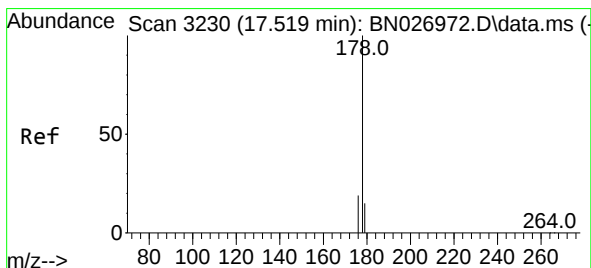
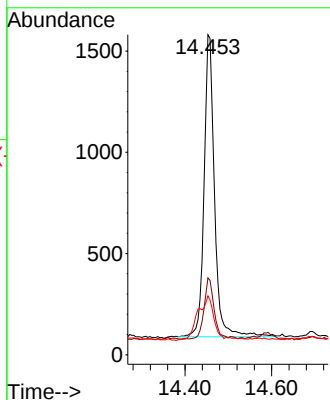
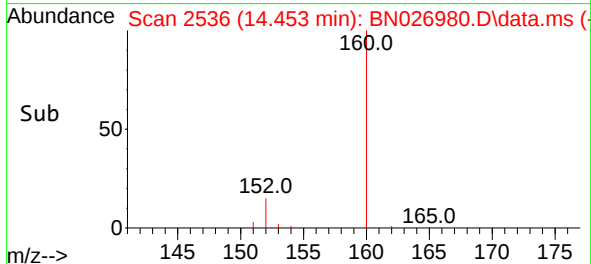
Instrument :
BNA_N
ClientSampleId :
A48L4DL



Tgt Ion:152 Resp: 2500
Ion Ratio Lower Upper
152 100
151 24.0 15.9 23.9
153 18.4 11.0 16.6

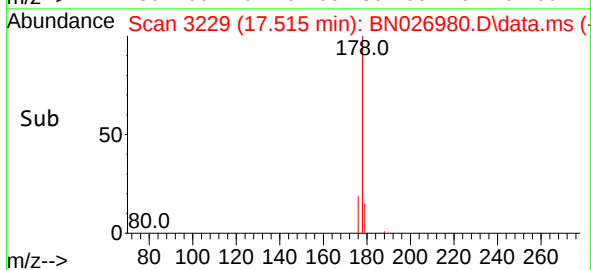
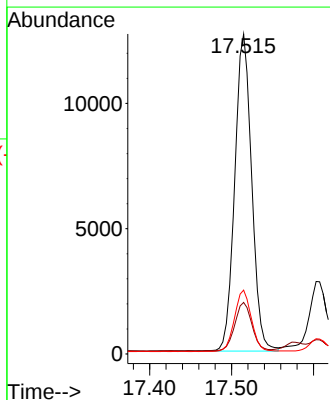
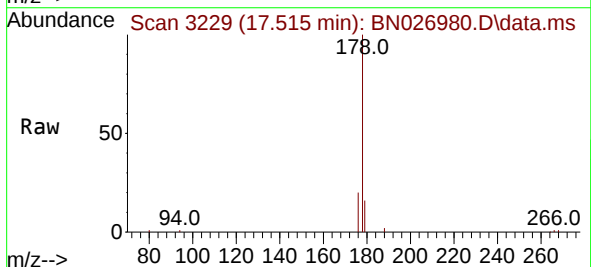
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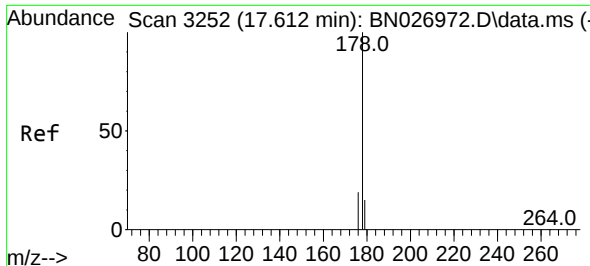
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#15
Phenanthrene
Concen: 0.165 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05

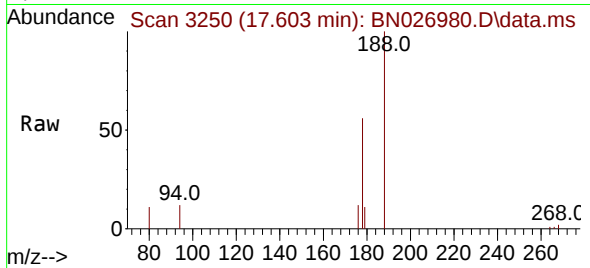
Tgt Ion:178 Resp: 18171
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.9 15.4 23.2





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.603 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN026980.D
 Acq: 19 Aug 2023 05:05

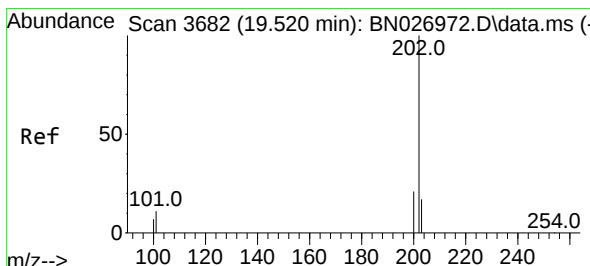
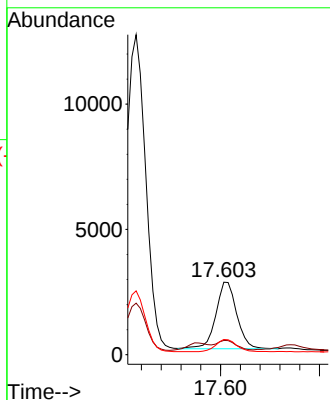
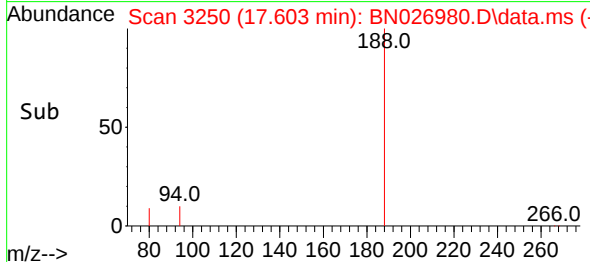
Instrument :
 BNA_N
 ClientSampleId :
 A48L4DL



Tgt Ion:178 Resp: 388
 Ion Ratio Lower Upper
 178 100
 179 19.7 12.6 19.0
 176 20.9 15.0 22.6

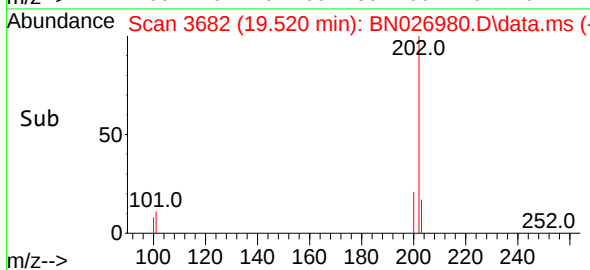
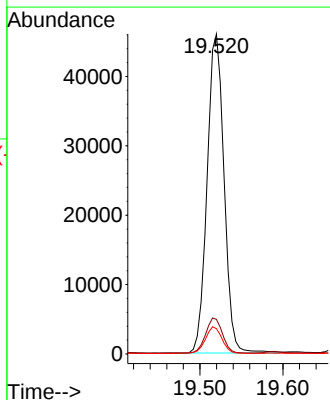
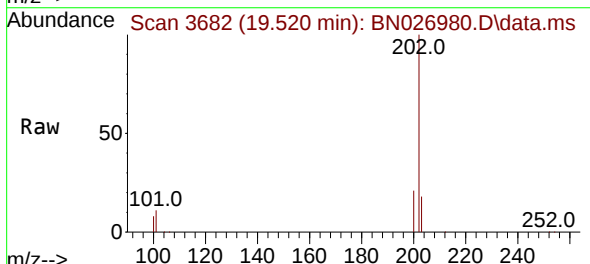
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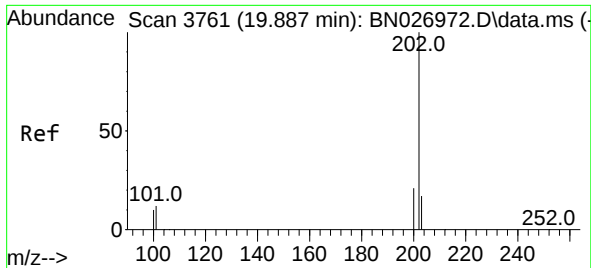
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#19
 Fluoranthene
 Concen: 0.570 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026980.D
 Acq: 19 Aug 2023 05:05

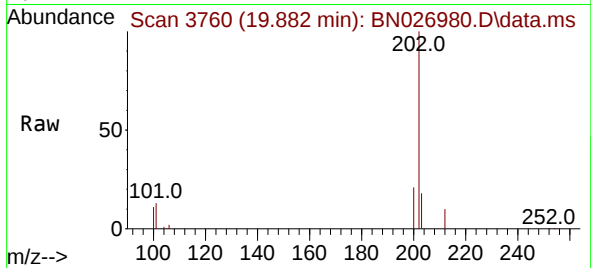
Tgt Ion:202 Resp: 65199
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.3 12.5
 100 7.9 6.2 9.2





#20
Pyrene
Concen: 0.488 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05

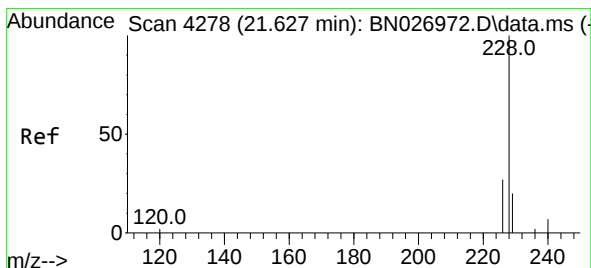
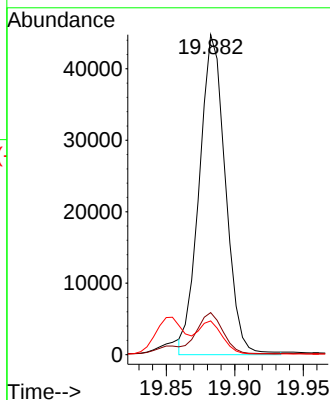
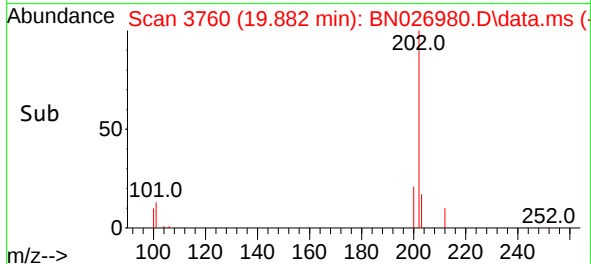
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ClientSampleId :
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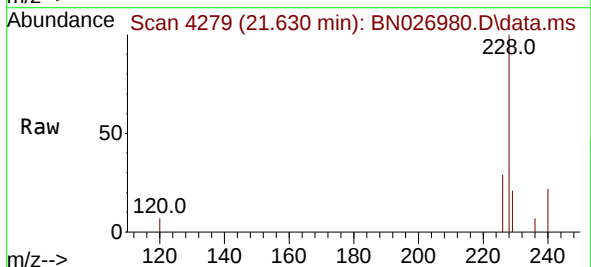
Tgt Ion:202 Resp: 5954
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.5 8.5 12.7

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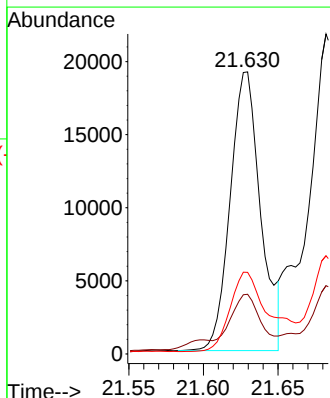
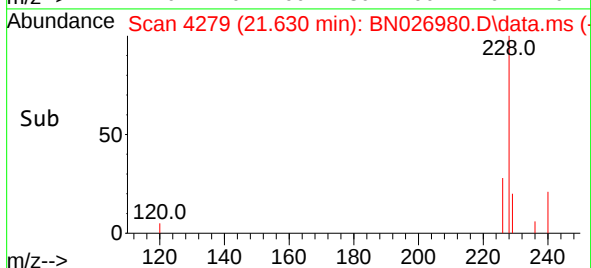
Reviewed By :Yogesh Patel 08/21/2023
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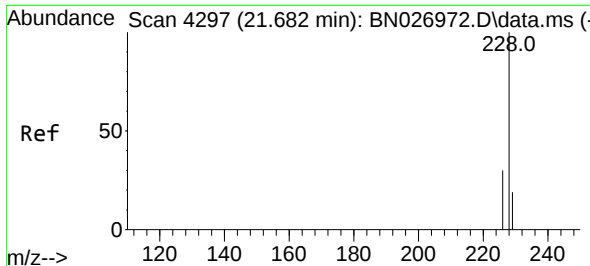


#21
Benzo(a)anthracene
Concen: 0.247 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05



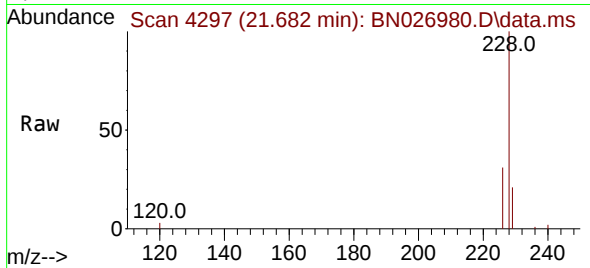
Tgt Ion:228 Resp: 27086
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.9 22.2 33.2





#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05

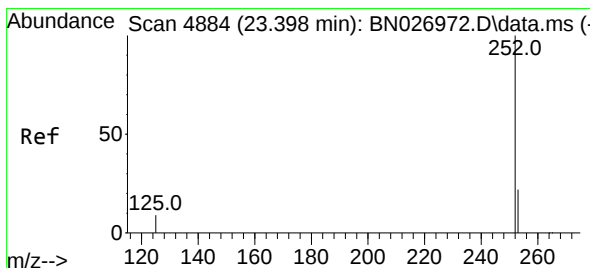
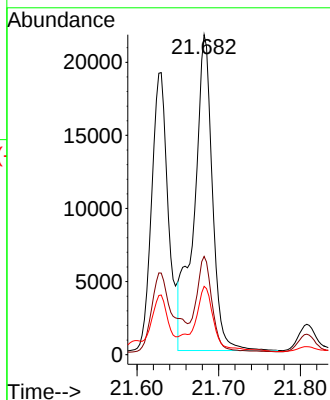
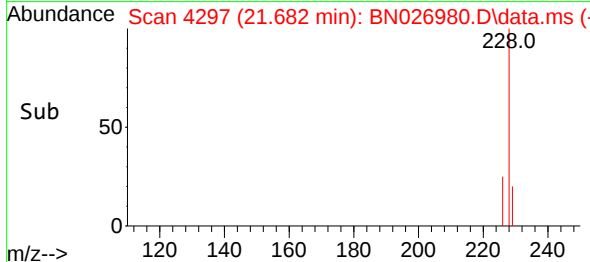
Instrument :
BNA_N
ClientSampleId :
A48L4DL



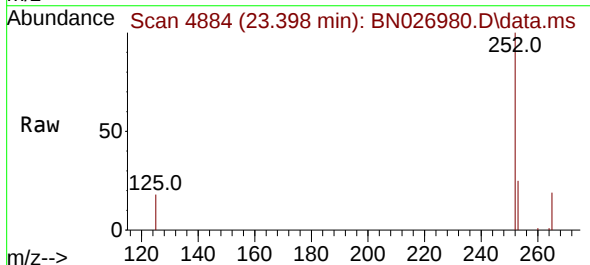
Tgt Ion:228 Resp: 3368
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.4 15.8 23.6

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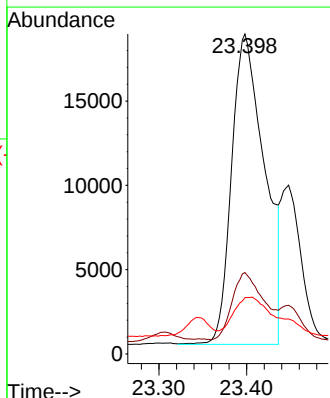
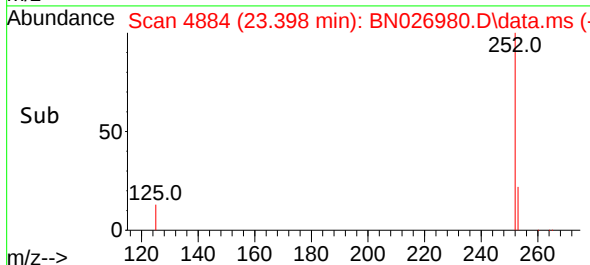
Reviewed By :Yogesh Patel 08/21/2023
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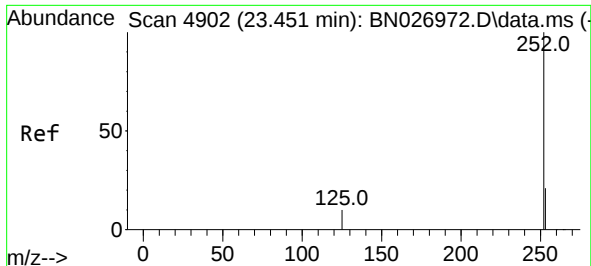


#24
Benzo(b)fluoranthene
Concen: 0.495 ng/ul m
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05



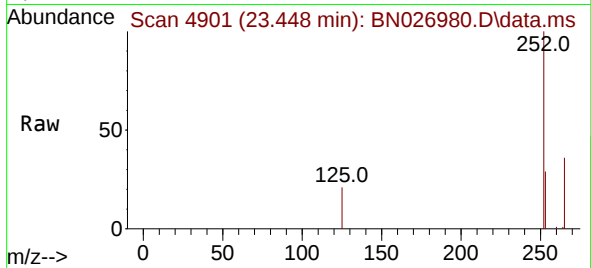
Tgt Ion:252 Resp: 47915
Ion Ratio Lower Upper
252 100
253 25.4 0.0 46.8
125 17.6 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 23.448 min Scan# 4902
Delta R.T. -0.012 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05

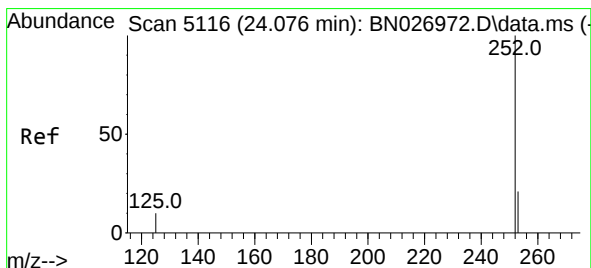
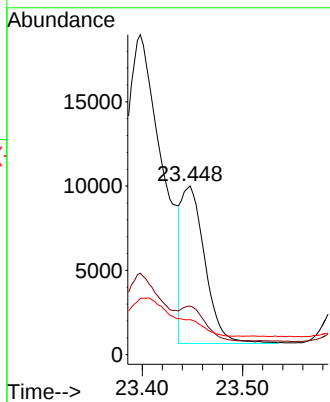
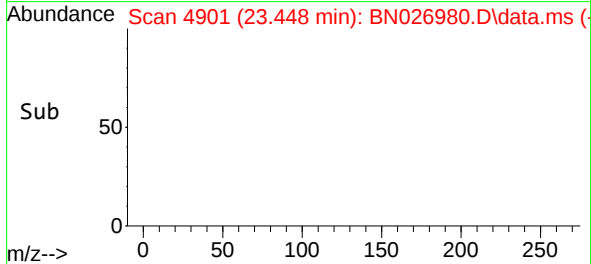
Instrument :
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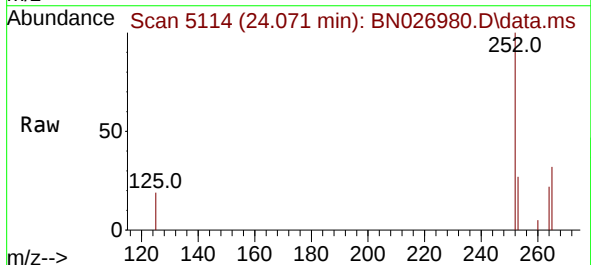
Tgt Ion:252 Resp: 15248
Ion Ratio Lower Upper
252 100
253 28.8 18.2 27.4
125 20.8 9.9 14.9

Manual Integrations
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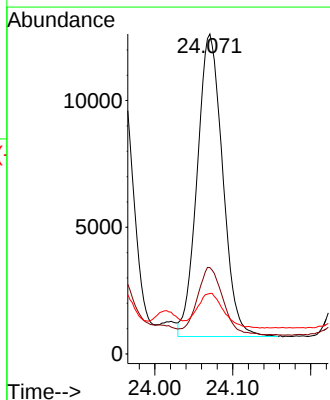
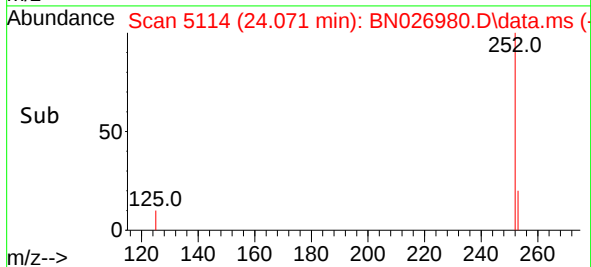
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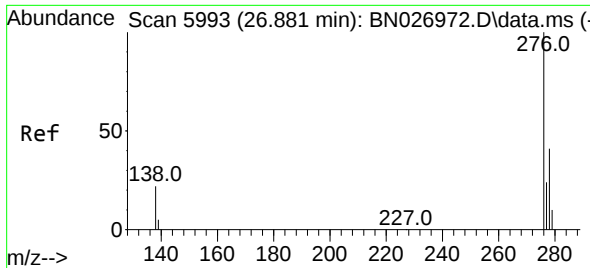


#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 24.071 min Scan# 5114
Delta R.T. -0.015 min
Lab File: BN026980.D
Acq: 19 Aug 2023 05:05



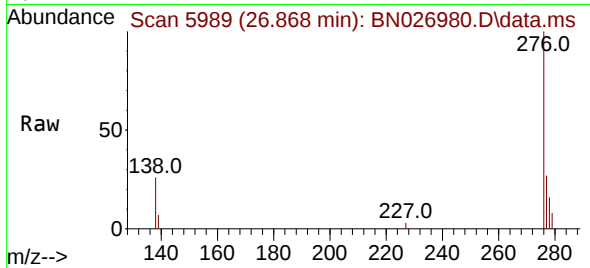
Tgt Ion:252 Resp: 27064
Ion Ratio Lower Upper
252 100
253 27.0 19.0 28.6
125 18.9 11.4 17.0





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.159 ng/ul
 RT: 26.868 min Scan# 5989
 Delta R.T. -0.017 min
 Lab File: BN026980.D
 Acq: 19 Aug 2023 05:05

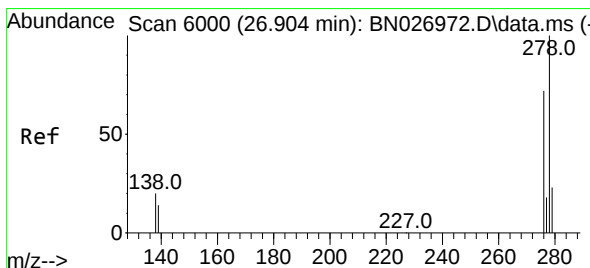
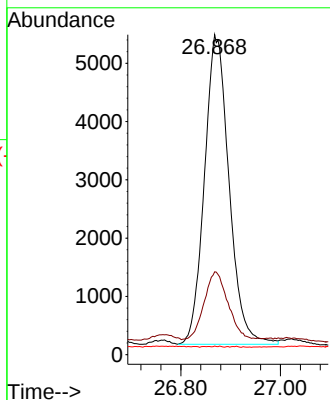
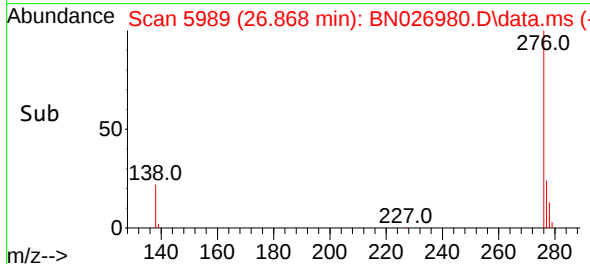
Instrument :
 BNA_N
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 A48L4DL



Tgt Ion: 276 Resp: 18220
 Ion Ratio Lower Upper
 276 100
 138 21.3 21.6 32.4#
 227 0.0 0.0 0.0#

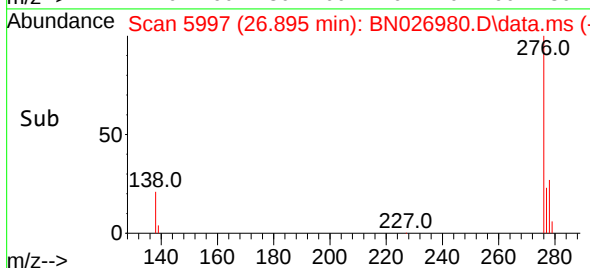
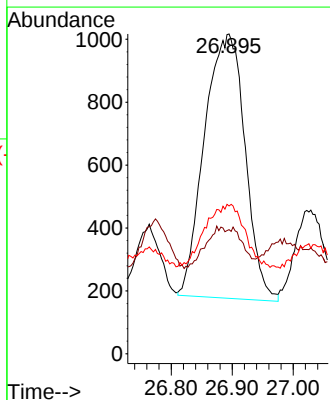
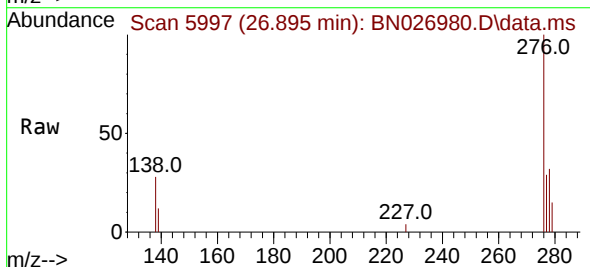
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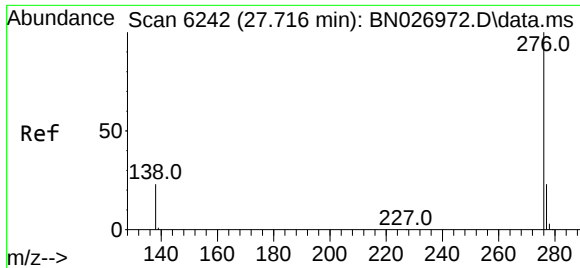
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.043 ng/ul
 RT: 26.895 min Scan# 5997
 Delta R.T. -0.027 min
 Lab File: BN026980.D
 Acq: 19 Aug 2023 05:05

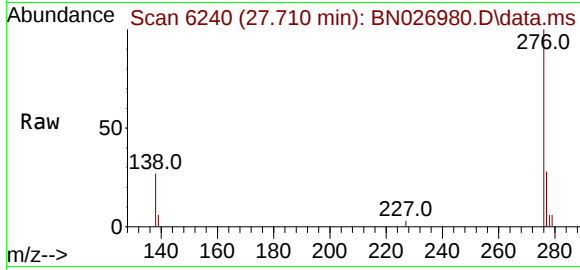
Tgt Ion: 278 Resp: 3875
 Ion Ratio Lower Upper
 278 100
 139 38.8 15.7 23.5#
 279 46.2 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.171 ng/ul
 RT: 27.710 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: BN026980.D
 Acq: 19 Aug 2023 05:05

Instrument :
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 A48L4DL



Tgt Ion:	276	Resp:	16294
Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.3	28.9
277	27.6	19.8	29.8

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