

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026597.D
 Acq On : 20 Jul 2023 18:19
 Operator : MA/JU
 Sample : 03452-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 21:48:56 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	1250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	3975	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.472	164	2723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	6621	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.422	240	7010	0.400	ng/ul	# 0.00
23) Perylene-d12	23.793	264	7651	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	3438	2.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	1730	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	6988	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.261	178	2118	0.100	ng/ul	96
19) Fluoranthene	19.283	202	8404	0.256	ng/ul#	96
20) Pyrene	19.641	202	7361m	0.206	ng/ul	
21) Benzo(a)anthracene	21.405	228	3689m	0.143	ng/ul	
22) Chrysene	21.457	228	4109	0.140	ng/ul	94
24) Benzo(b)fluoranthene	23.079	252	6479m	0.217	ng/ul	
25) Benzo(k)fluoranthene	23.120	252	2211m	0.071	ng/ul	
26) Benzo(a)pyrene	23.685	252	3358	0.127	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.254	276	3151	0.091	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.264	278	665	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.012	276	3311	0.108	ng/ul#	91

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

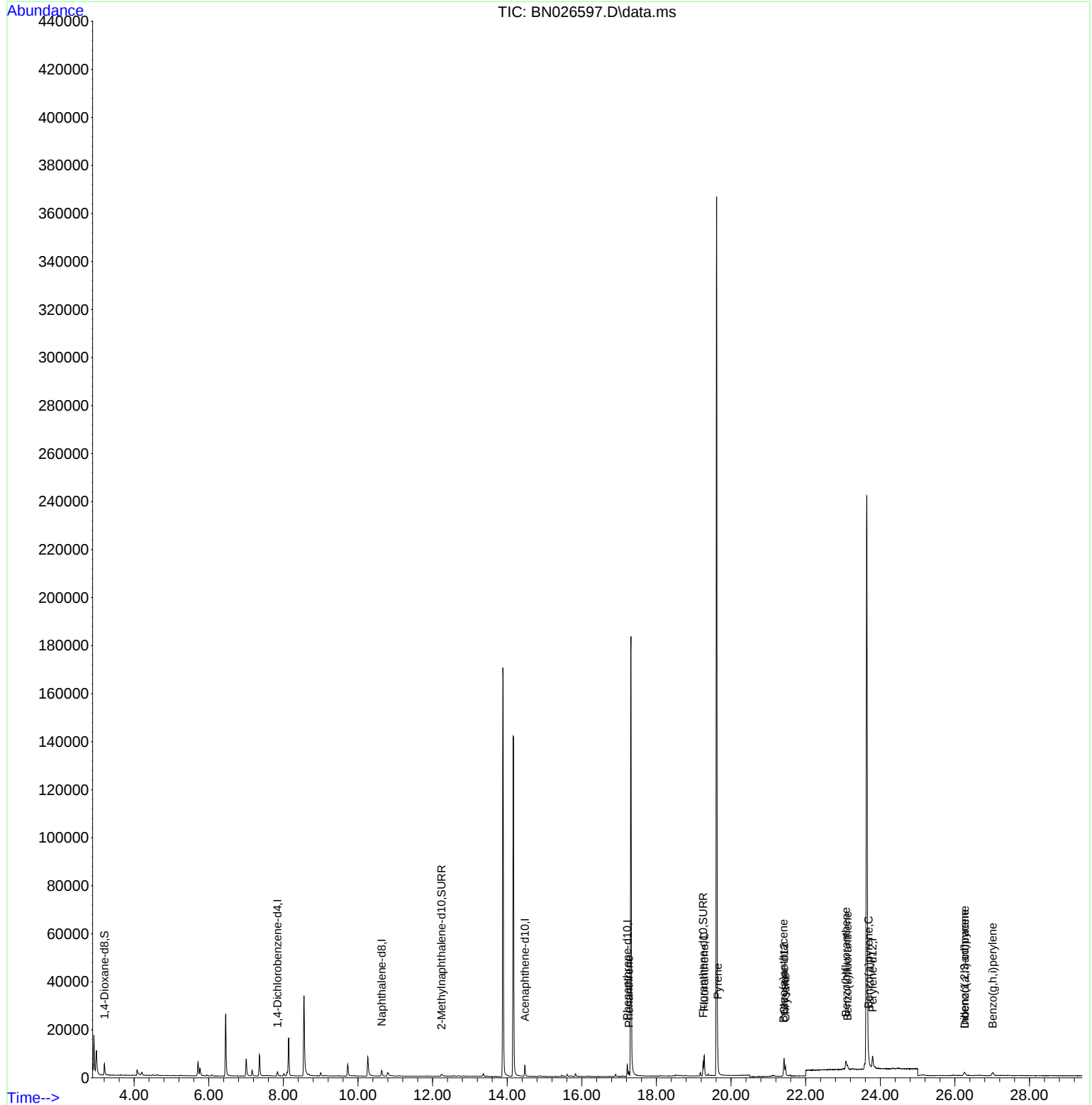
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026597.D
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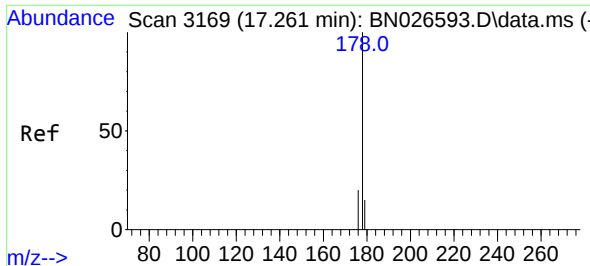
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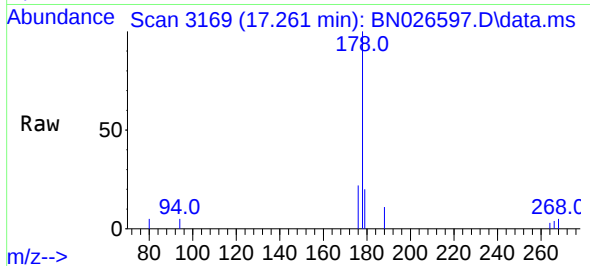
Quant Time: Jul 20 21:48:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
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#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 17.261 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

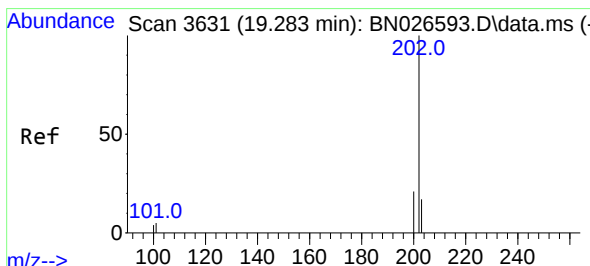
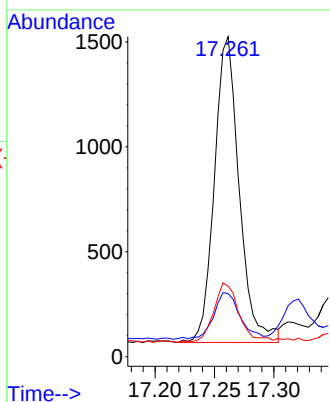
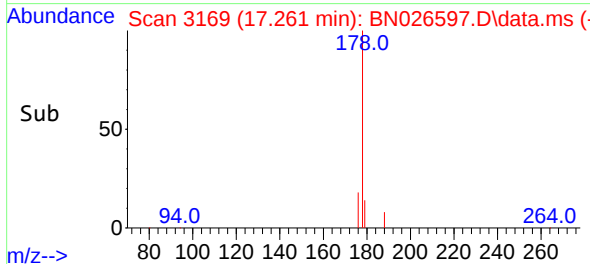
Instrument :
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Tgt Ion:178 Resp: 2118
Ion Ratio Lower Upper
178 100
179 19.7 13.7 20.5
176 22.0 16.5 24.7

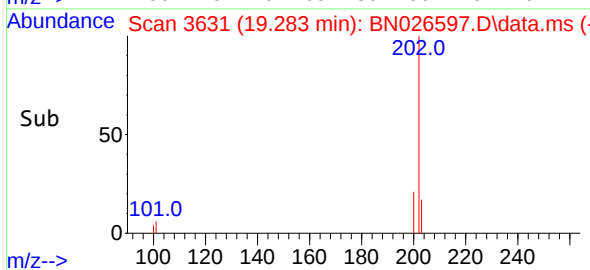
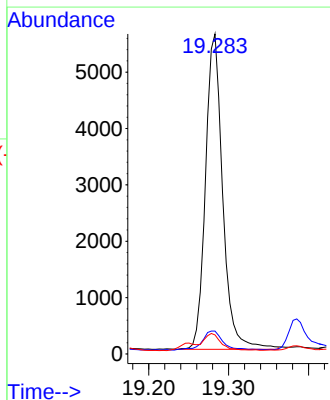
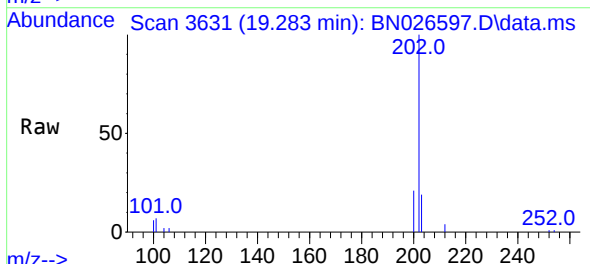
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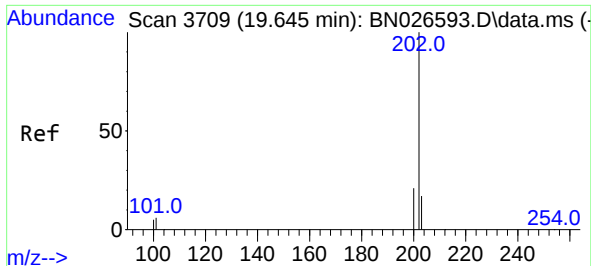
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.283 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

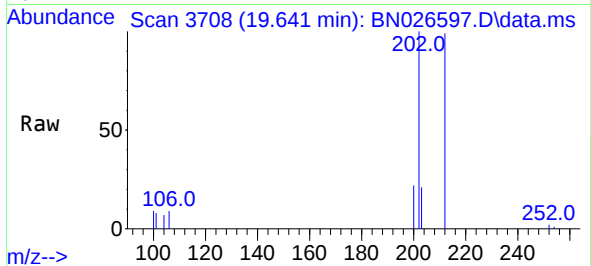
Tgt Ion:202 Resp: 8404
Ion Ratio Lower Upper
202 100
101 7.1 7.0 10.4
100 5.9 6.0 9.0#





#20
Pyrene
Concen: 0.206 ng/ul m
RT: 19.641 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

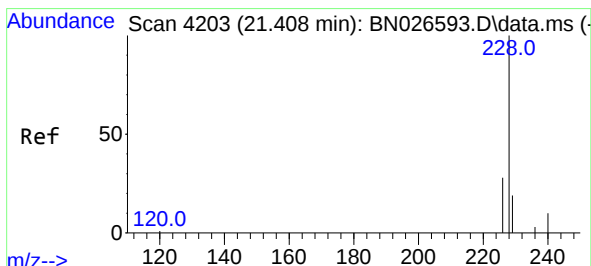
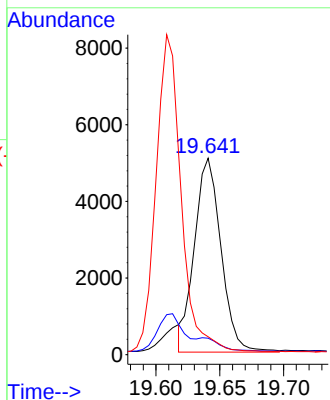
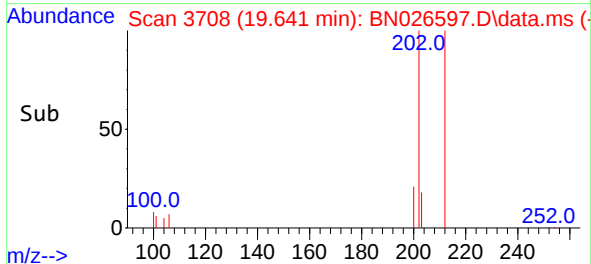
Instrument :
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ClientSampleId :
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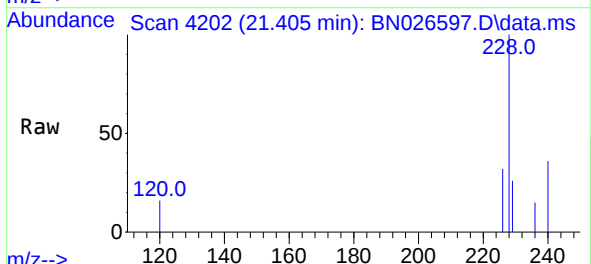
Tgt Ion:202 Resp: 736
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 9.1 6.2 9.2

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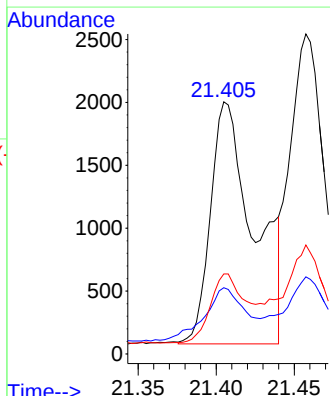
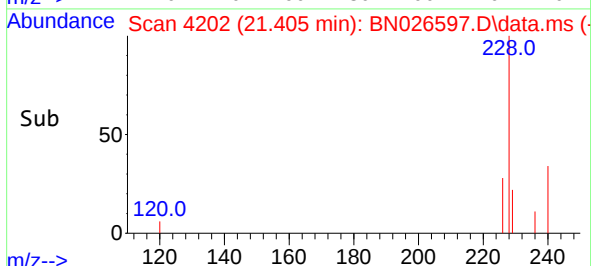
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

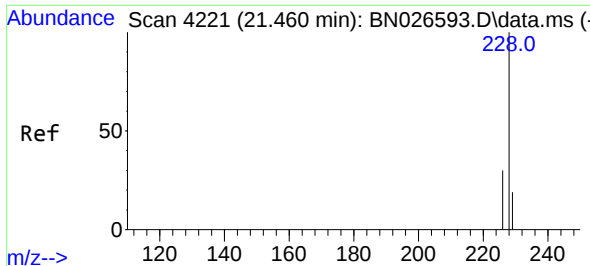


#21
Benzo(a)anthracene
Concen: 0.143 ng/ul m
RT: 21.405 min Scan# 4202
Delta R.T. -0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19



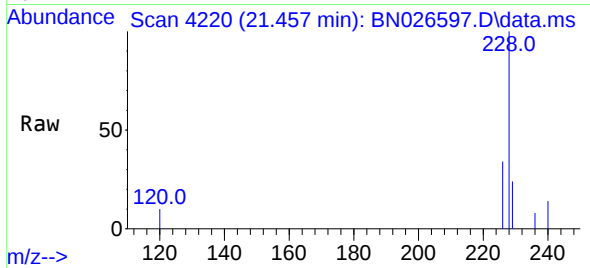
Tgt Ion:228 Resp: 3689
Ion Ratio Lower Upper
228 100
229 26.3 16.7 25.1#
226 31.7 23.5 35.3





#22
Chrysene
Concen: 0.140 ng/ul
RT: 21.457 min Scan# 4109
Delta R.T. -0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

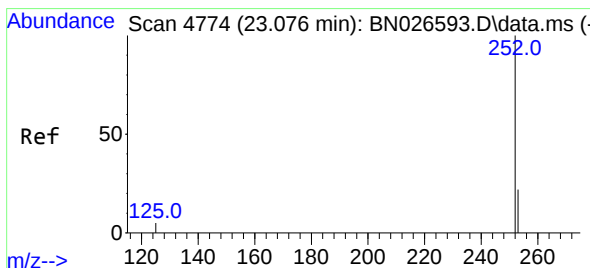
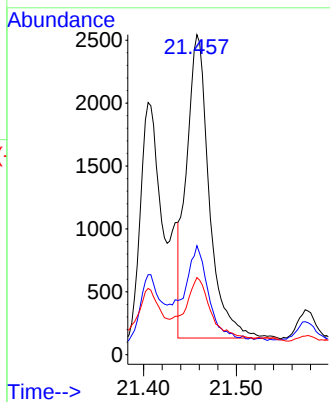
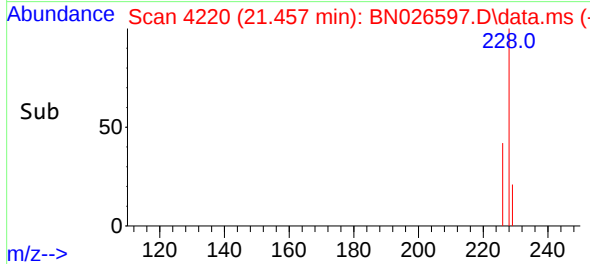
Instrument :
BNA_N
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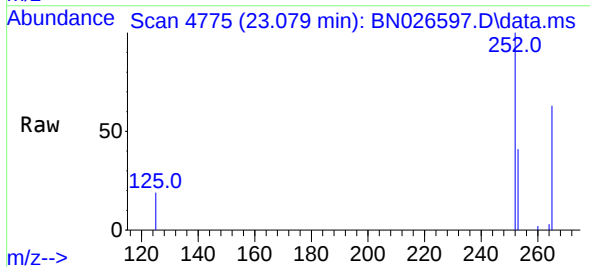
Tgt Ion:228 Resp: 4109
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 24.1 16.4 24.6

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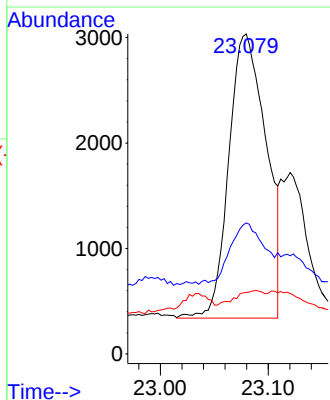
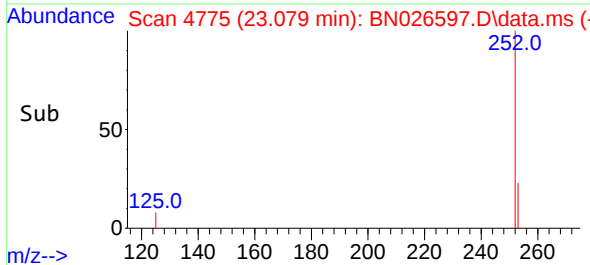
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

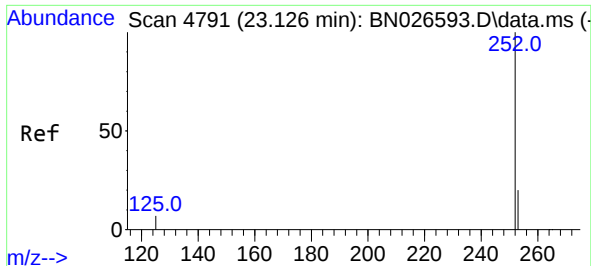


#24
Benzo(b)fluoranthene
Concen: 0.217 ng/ul m
RT: 23.079 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19



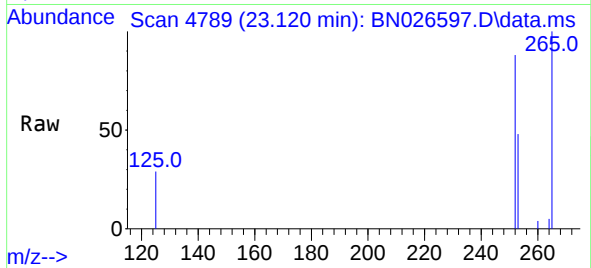
Tgt Ion:252 Resp: 6479
Ion Ratio Lower Upper
252 100
253 40.9 0.0 68.6
125 19.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.120 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19

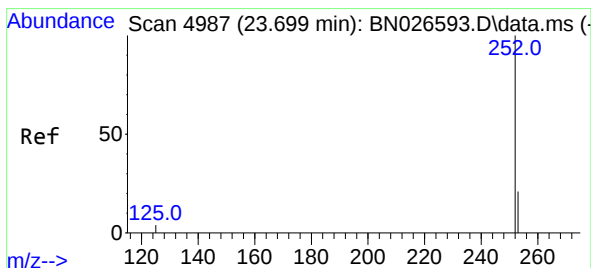
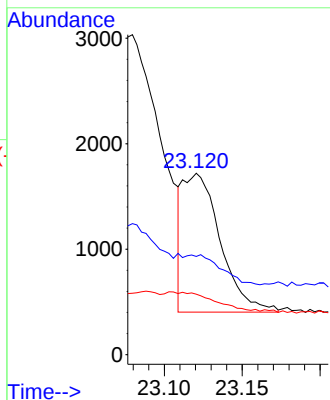
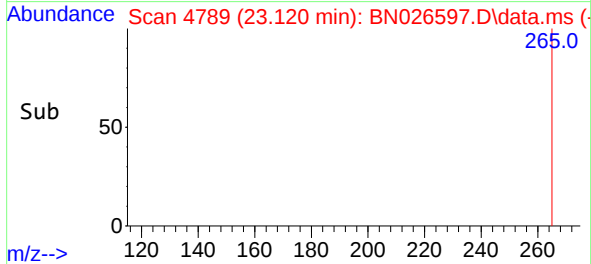
Instrument :
BNA_N
ClientSampleId :
A46Q6



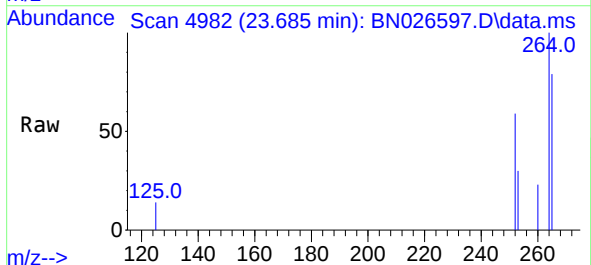
Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
253 54.2 27.2 40.8
125 33.4 13.4 20.2

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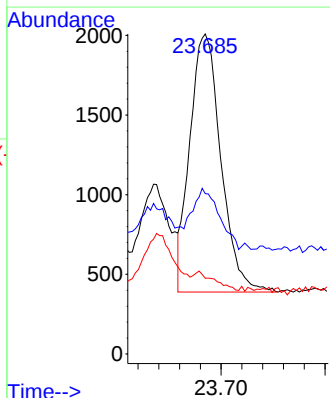
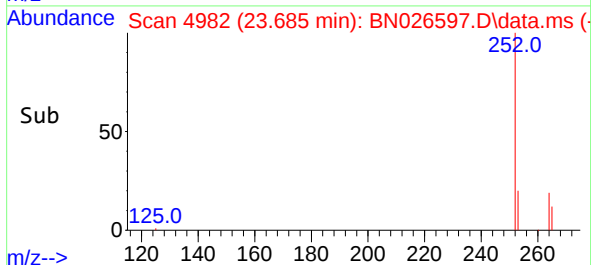
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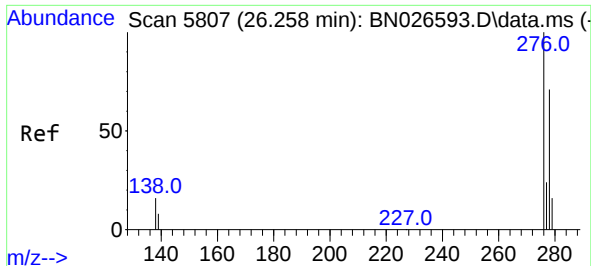


#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN026597.D
Acq: 20 Jul 2023 18:19



Tgt Ion:252 Resp: 3358
Ion Ratio Lower Upper
252 100
253 50.1 32.6 49.0
125 23.6 19.3 28.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.091 ng/ul

RT: 26.254 min Scan# 5806

Delta R.T. -0.003 min

Lab File: BN026597.D

Acq: 20 Jul 2023 18:19

Instrument :

BNA_N

ClientSampleId :

A46Q6

Tgt Ion:276 Resp: 315

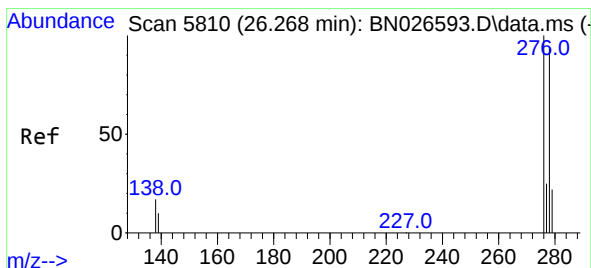
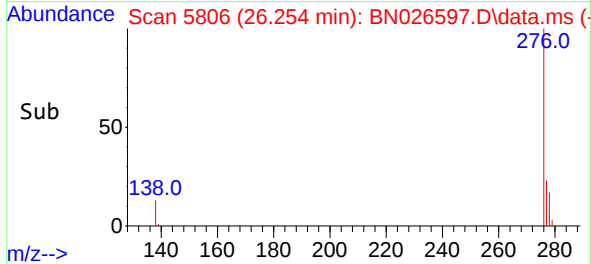
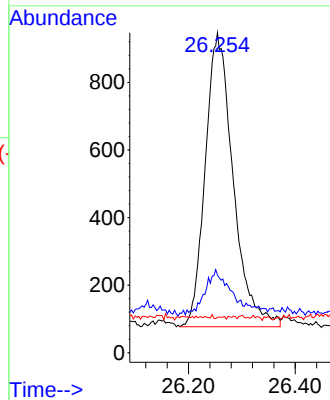
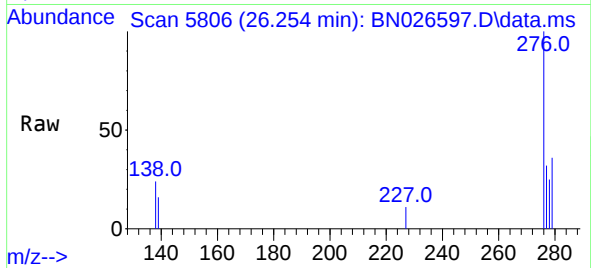
Ion	Ratio	Lower	Upper
276	100		
138	13.4	22.2	33.4
227	0.1	0.1	0.1

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#28

Dibenzo(a,h)anthracene

Concen: 0.025 ng/ul

RT: 26.264 min Scan# 5809

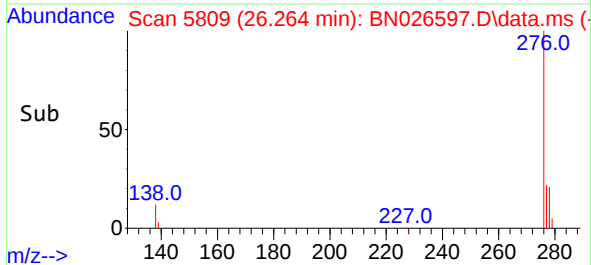
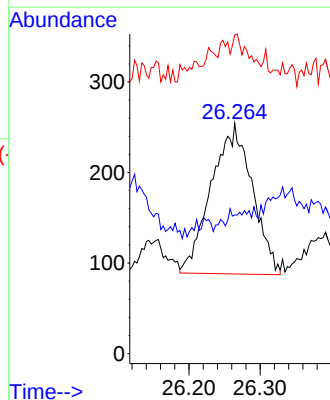
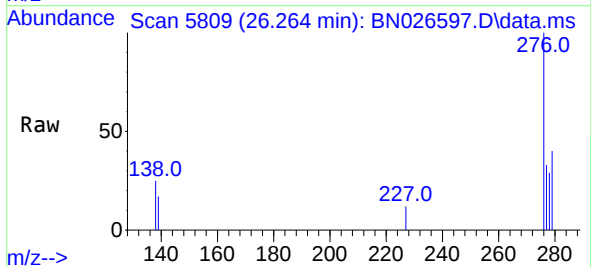
Delta R.T. -0.003 min

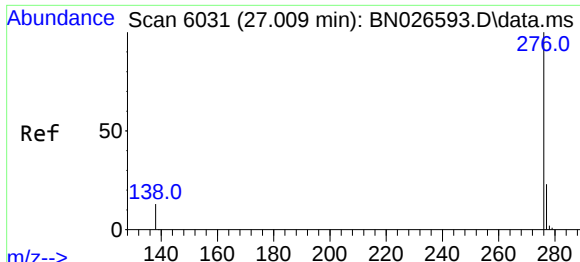
Lab File: BN026597.D

Acq: 20 Jul 2023 18:19

Tgt Ion:278 Resp: 665

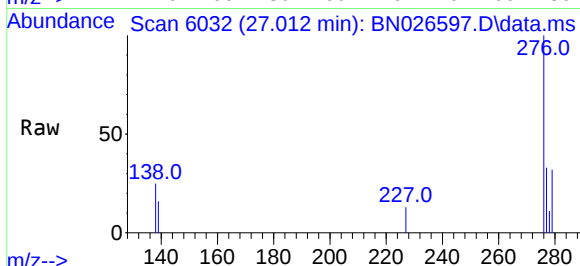
Ion	Ratio	Lower	Upper
278	100		
139	60.2	18.9	28.3
279	138.6	31.3	46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.108 ng/ul
 RT: 27.012 min Scan# 6031
 Delta R.T. 0.003 min
 Lab File: BN026597.D
 Acq: 20 Jul 2023 18:19

Instrument :
 BNA_N
 ClientSampleId :
 A46Q6



Tgt Ion: 276 Resp: 331

Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	33.4	21.8	32.8

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