

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

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)

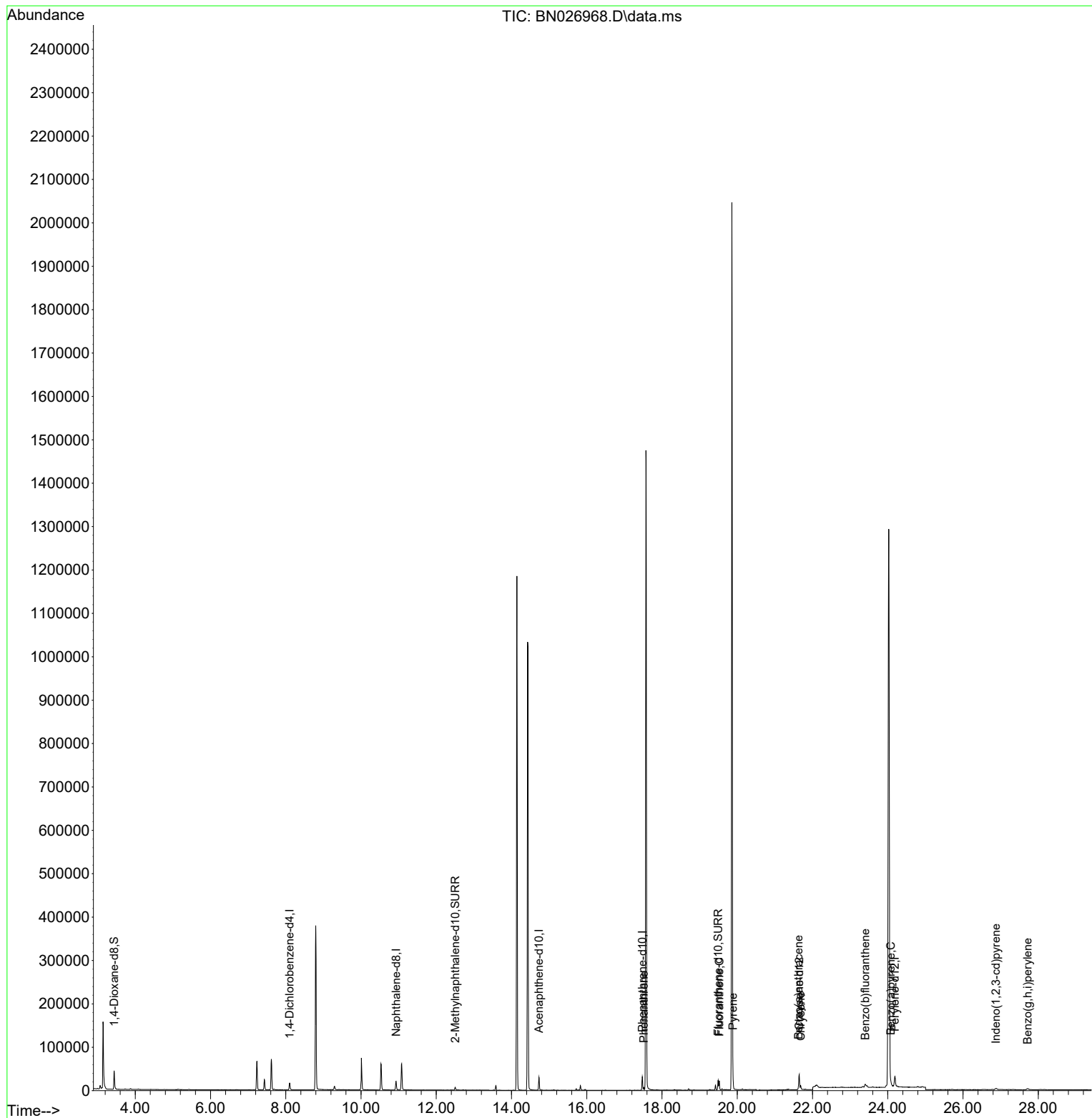
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	8002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	27420	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	16239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	36537	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	32487	0.400	ng/ul	0.00
23) Perylene-d12	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	18823	0.131	ng/ul	97
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	18839	0.137	ng/ul#	62
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

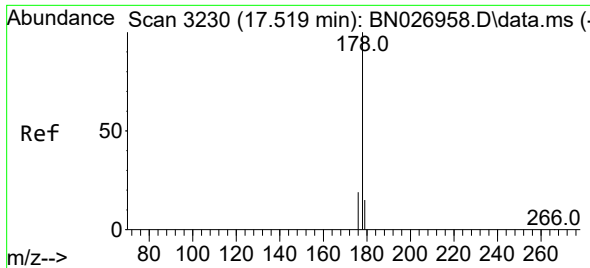
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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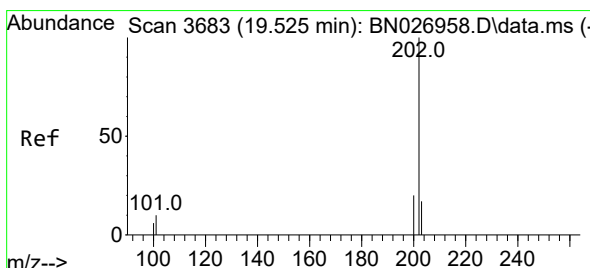
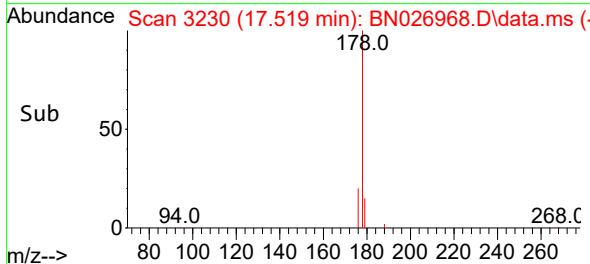
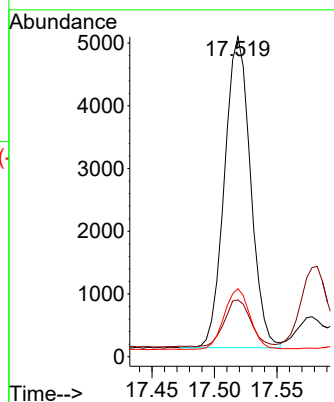
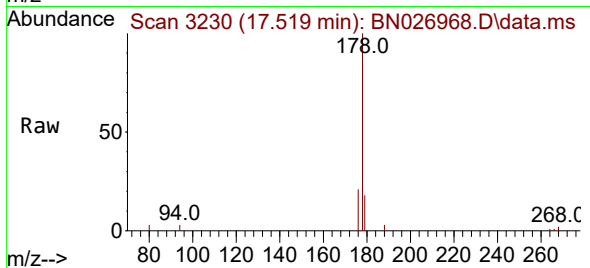




#15
Phenanthrene
Concen: 0.060 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

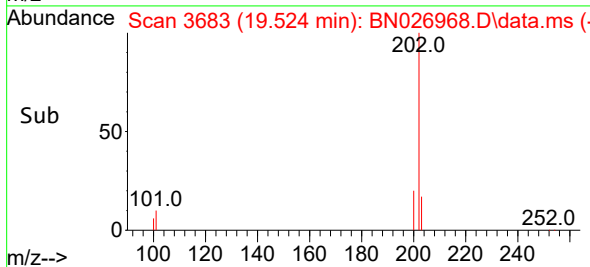
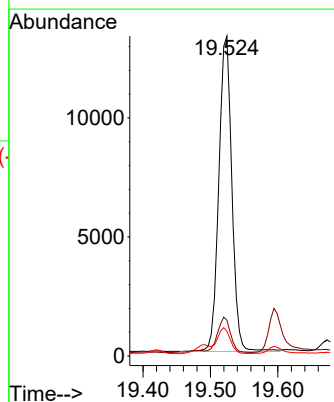
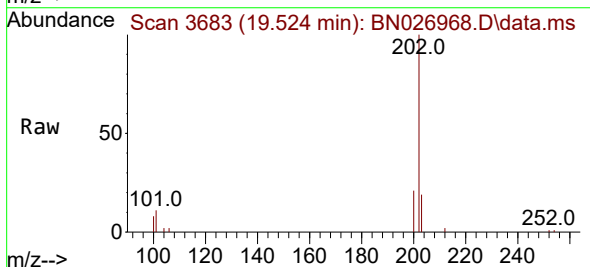
Instrument :
BNA_N
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A48L2

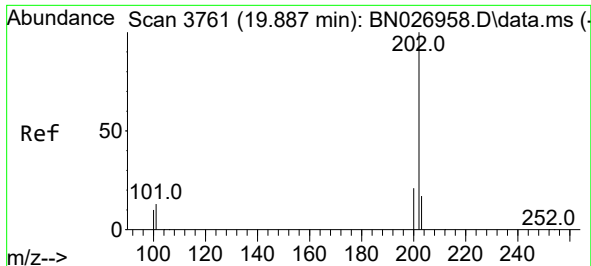
Tgt Ion:	178	Resp:	7161
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.6	18.8
176	21.2	15.4	23.2



#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

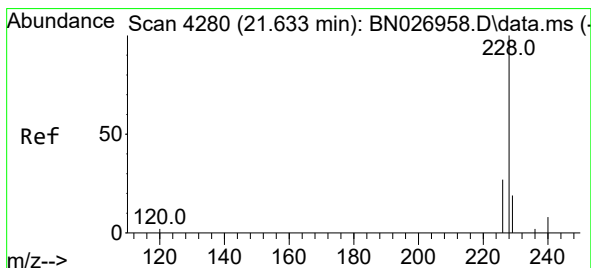
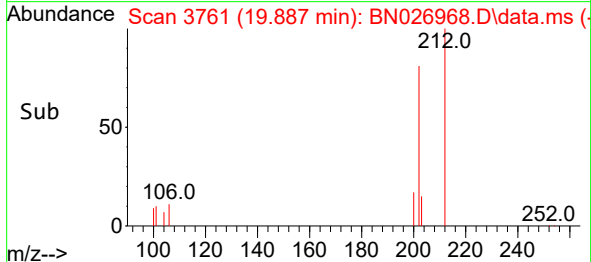
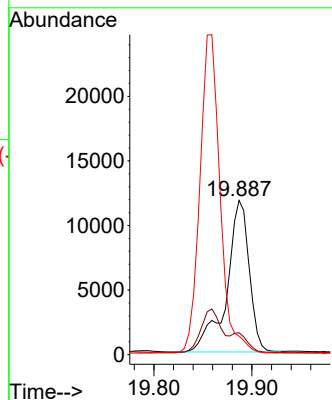
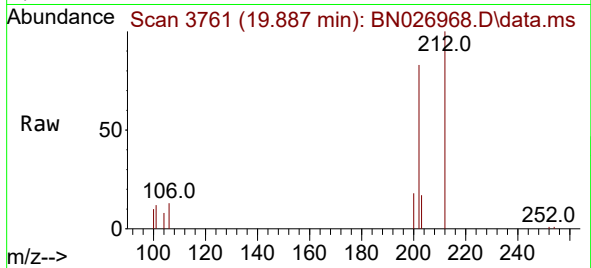




#20
Pyrene
Concen: 0.131 ng/ul
RT: 19.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

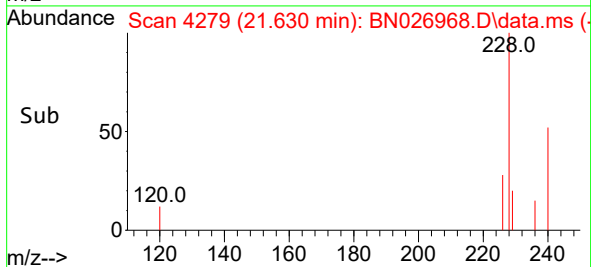
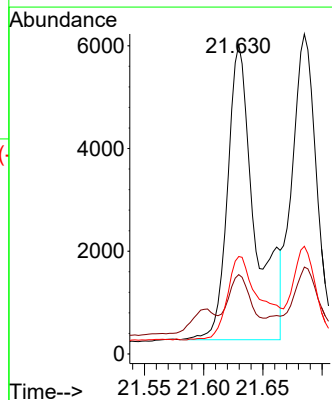
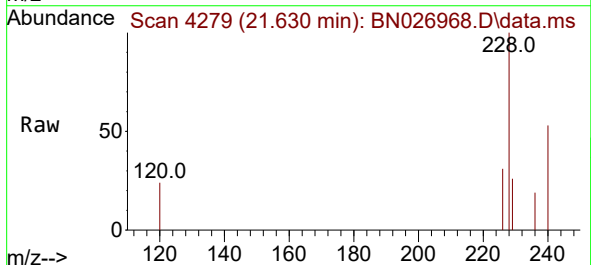
Instrument :
BNA_N
ClientSampleId :
A48L2

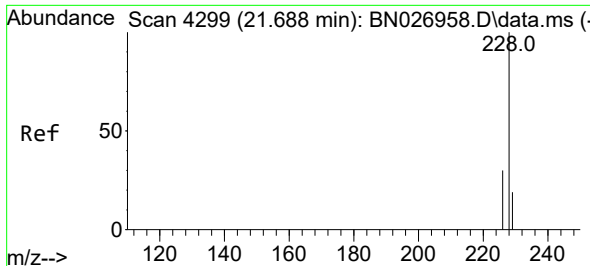
Tgt Ion:202 Resp: 18823
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 12.1 8.5 12.7



#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# 4299

Delta R.T. -0.006 min

Lab File: BN026968.D

Acq: 18 Aug 2023 20:28

Instrument :

BNA_N

ClientSampleId :

A48L2

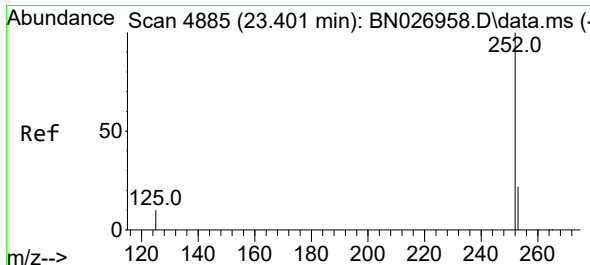
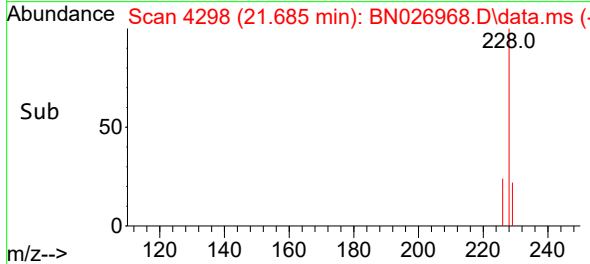
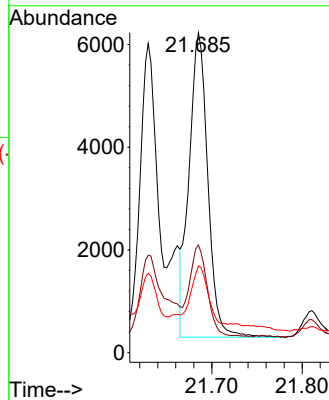
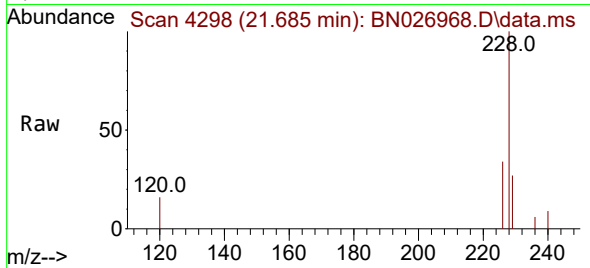
Tgt Ion:228 Resp: 8532

Ion Ratio Lower Upper

228 100

226 33.6 24.6 36.8

229 27.1 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.137 ng/ul

RT: 23.401 min Scan# 4885

Delta R.T. -0.006 min

Lab File: BN026968.D

Acq: 18 Aug 2023 20:28

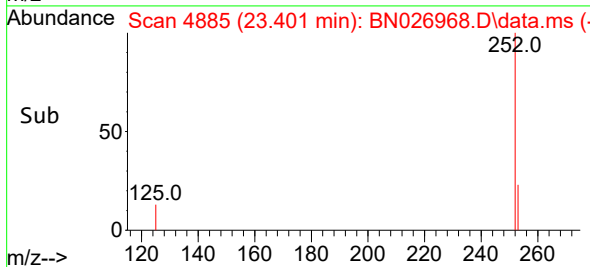
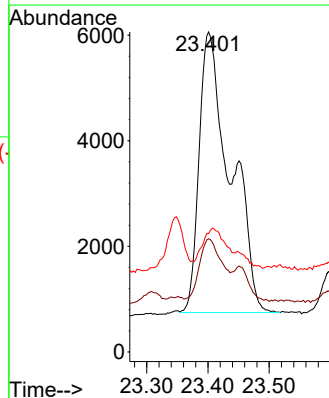
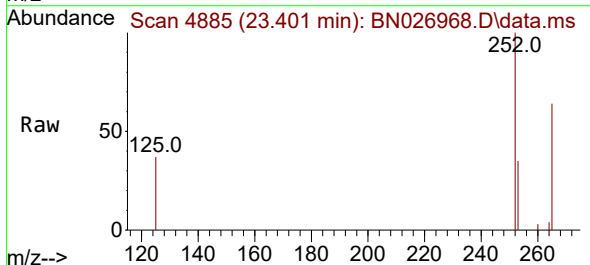
Tgt Ion:252 Resp: 18839

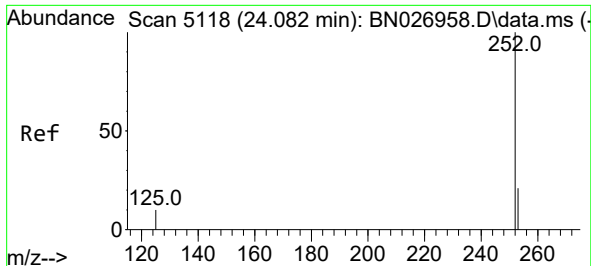
Ion Ratio Lower Upper

252 100

253 35.4 0.0 46.8

125 37.0 0.0 25.2#

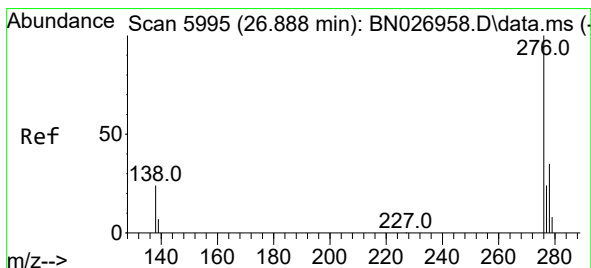
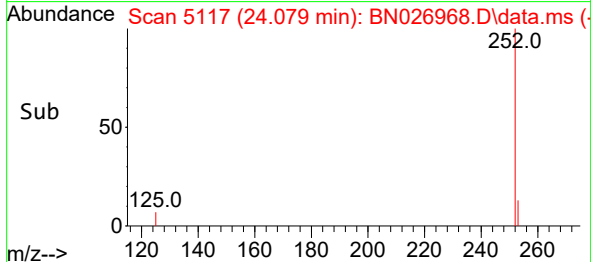
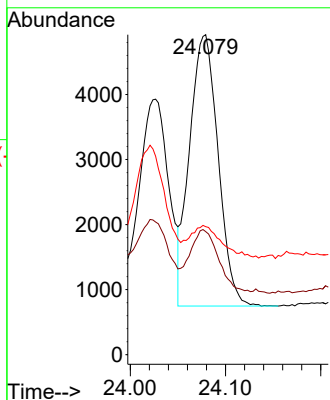
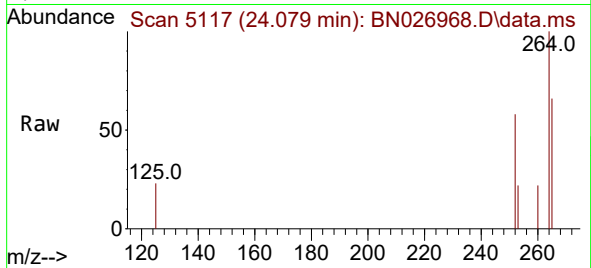




#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 24.079 min Scan# 5118
Delta R.T. -0.006 min
Lab File: BN026968.D
Acq: 18 Aug 2023 20:28

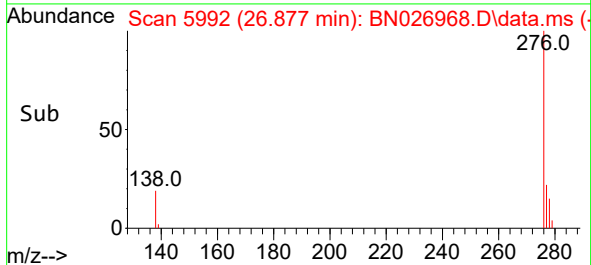
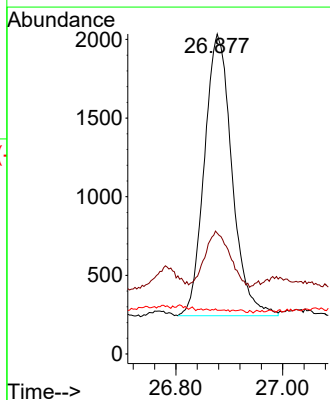
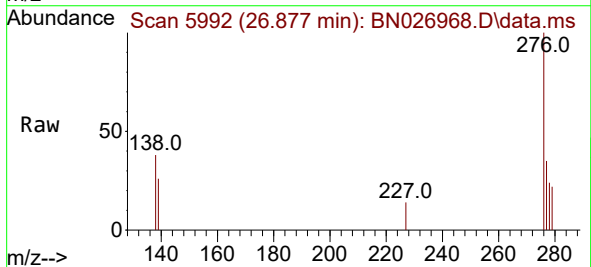
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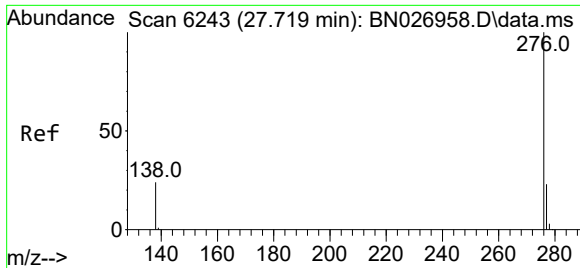
Tgt Ion:252 Resp: 8701
Ion Ratio Lower Upper
252 100
253 38.4 19.0 28.6#
125 40.0 11.4 17.0#



#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

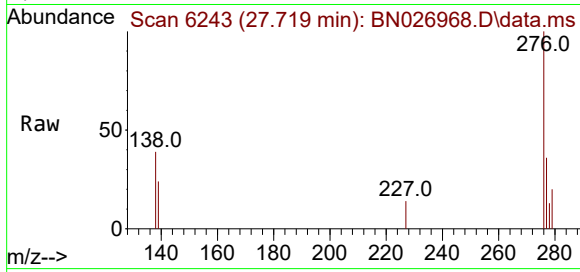
Tgt Ion:276 Resp: 6415
Ion Ratio Lower Upper
276 100
138 18.0 21.6 32.4#
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 27.719 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN026968.D
 Acq: 18 Aug 2023 20:28

Instrument :
 BNA_N
 ClientSampleId :
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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#

