

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027028.D
 Acq On : 22 Aug 2023 15:55
 Operator : MA/JU
 Sample : 03697-10DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L8DL

Quant Time: Aug 23 01:43:06 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)

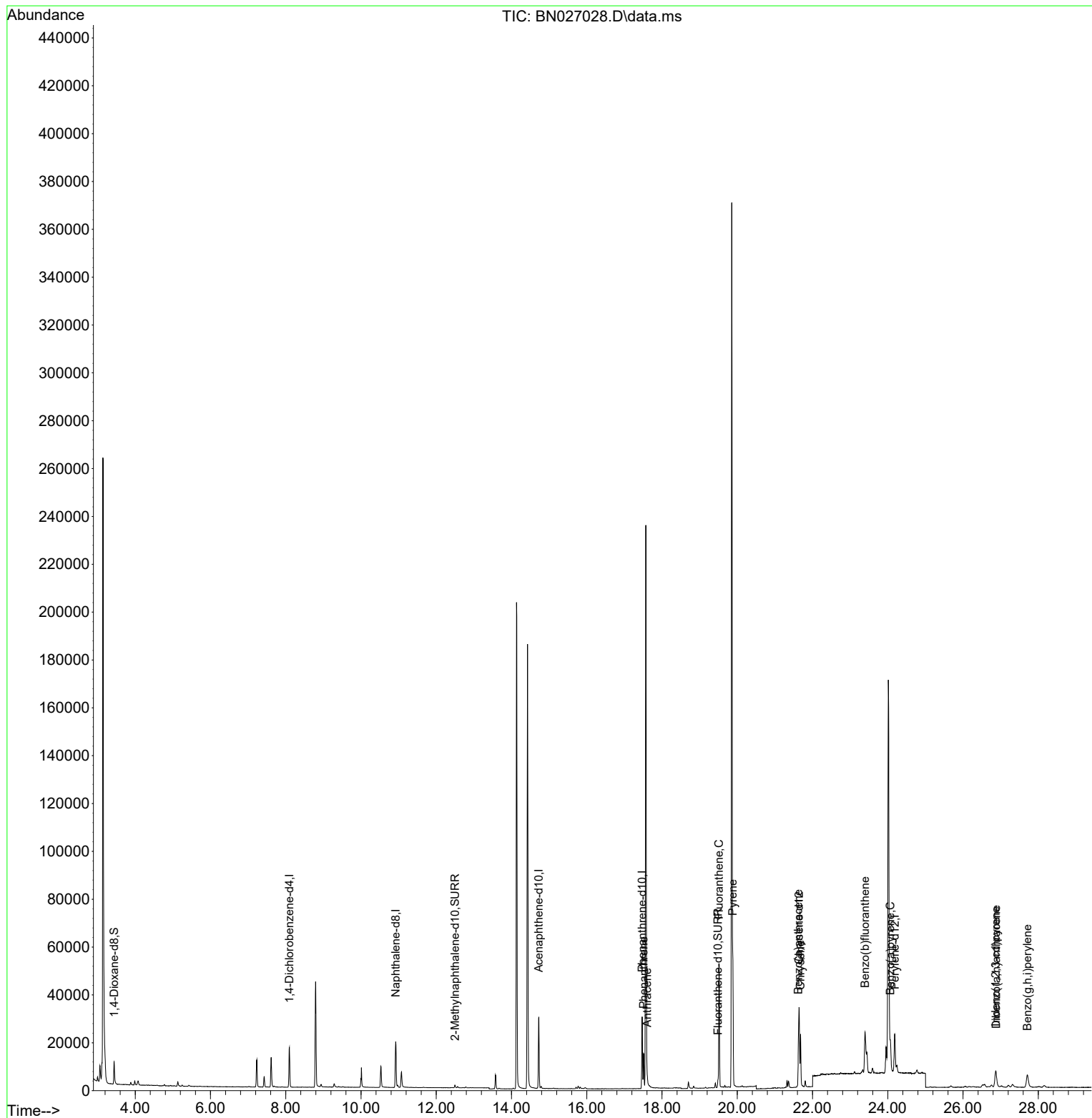
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	27609	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	16403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	35416	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	27443	0.400	ng/ul	0.00
23) Perylene-d12	24.184	264	23947	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	7281	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	1581	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3681	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.510	178	15859	0.136	ng/ul	99
16) Anthracene	17.603	178	2427	0.023	ng/ul#	88
19) Fluoranthene	19.515	202	46138	0.405	ng/ul	97
20) Pyrene	19.882	202	43619	0.359	ng/ul	99
21) Benzo(a)anthracene	21.624	228	17272	0.158	ng/ul	98
22) Chrysene	21.679	228	24801	0.230	ng/ul	98
24) Benzo(b)fluoranthene	23.395	252	44720	0.494	ng/ul	87
26) Benzo(a)pyrene	24.068	252	17664	0.216	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.868	276	13545	0.127	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.881	278	2917	0.034	ng/ul#	36
29) Benzo(g,h,i)perylene	27.710	276	13431	0.151	ng/ul	92

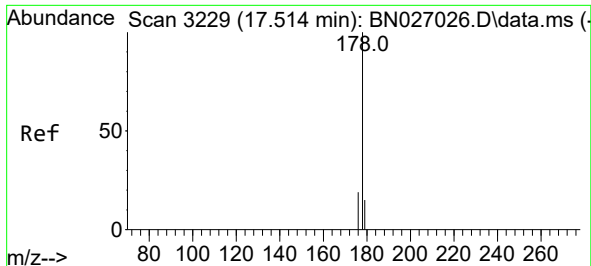
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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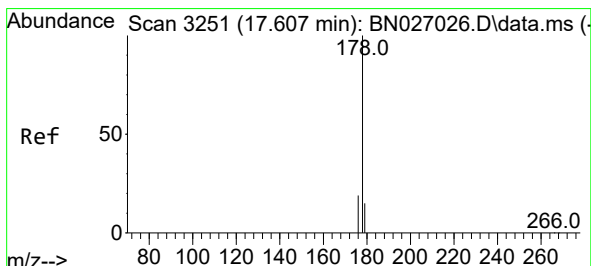
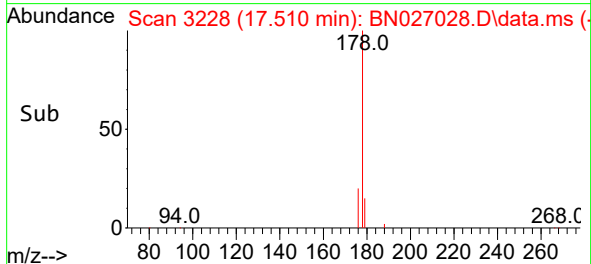
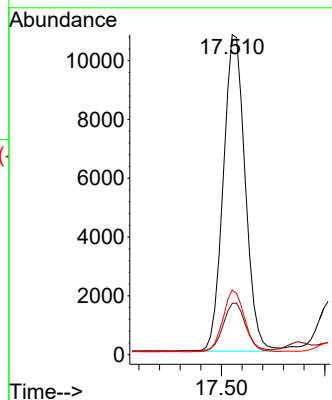
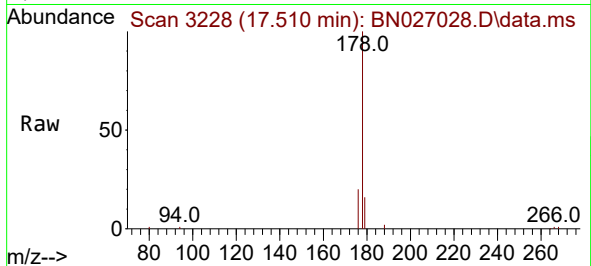




#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.510 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

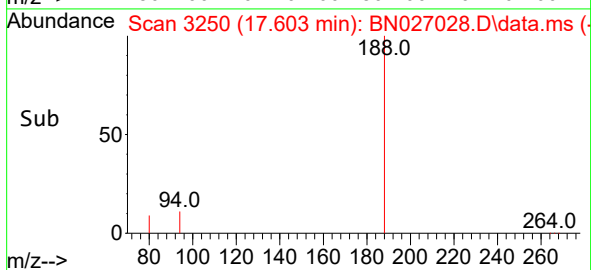
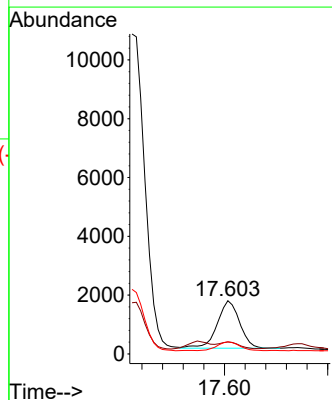
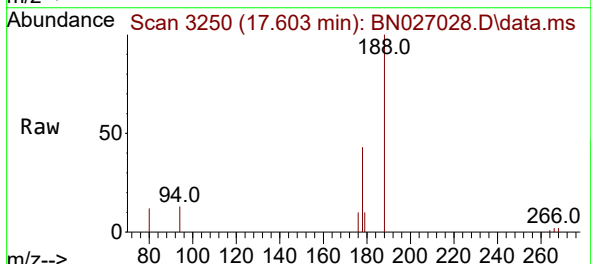
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BNA_N
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A48L8DL

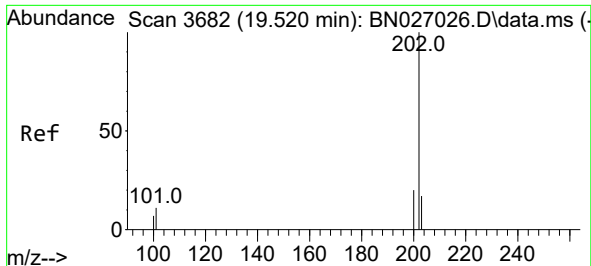
Tgt Ion:178 Resp: 15859
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 20.2 15.4 23.2



#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.004 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

Tgt Ion:178 Resp: 2427
Ion Ratio Lower Upper
178 100
179 22.5 12.6 19.0#
176 22.8 15.0 22.6#

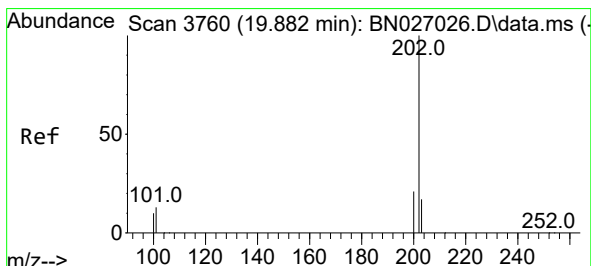
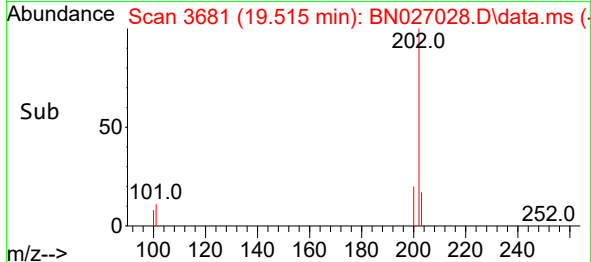
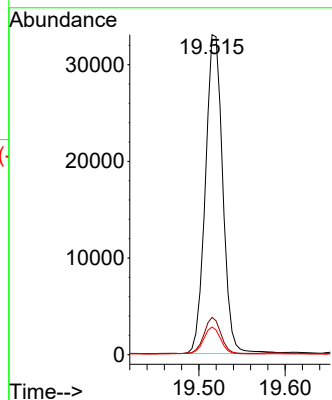
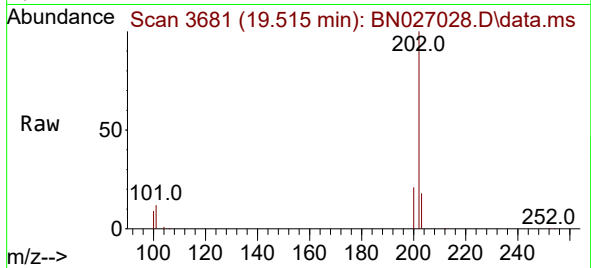




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.009 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

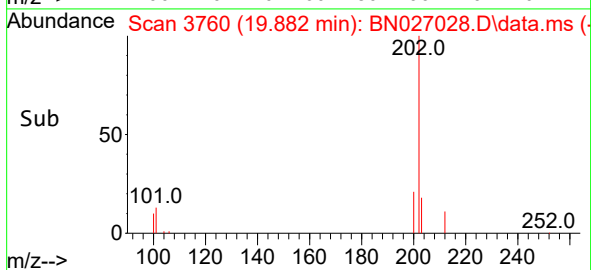
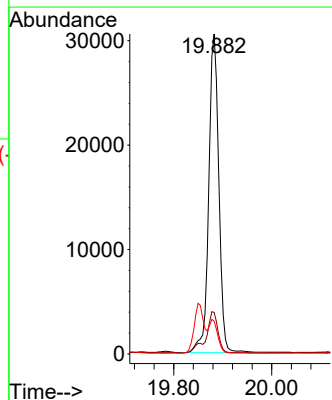
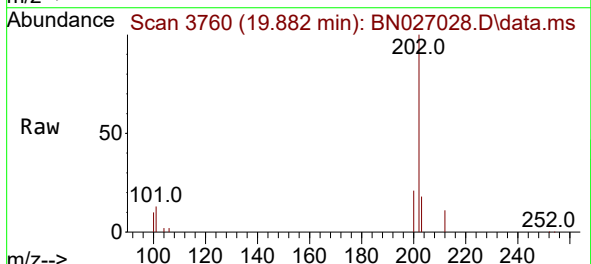
Instrument :
BNA_N
ClientSampleId :
A48L8DL

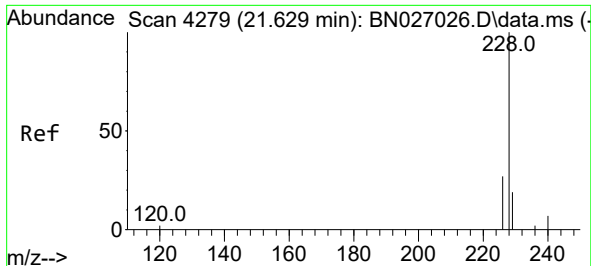
Tgt Ion:202 Resp: 46138
Ion Ratio Lower Upper
202 100
101 11.6 8.3 12.5
100 8.6 6.2 9.2



#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

Tgt Ion:202 Resp: 43619
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.3 8.5 12.7

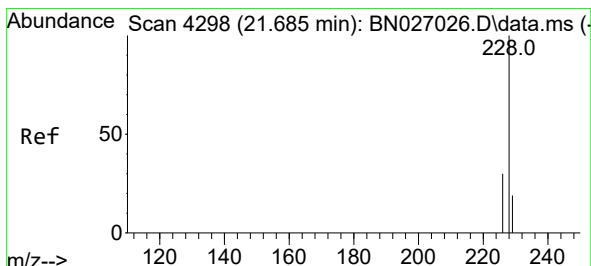
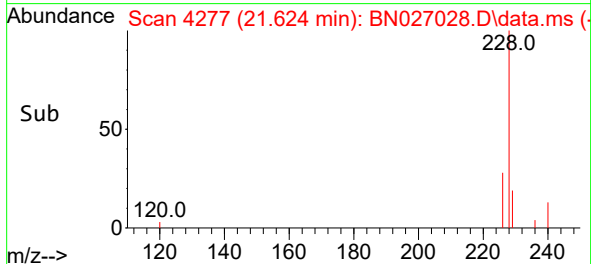
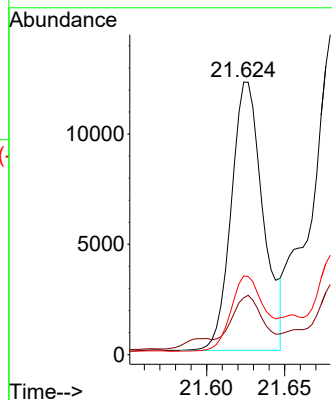
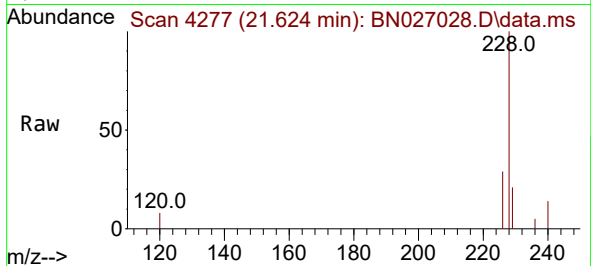




#21
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

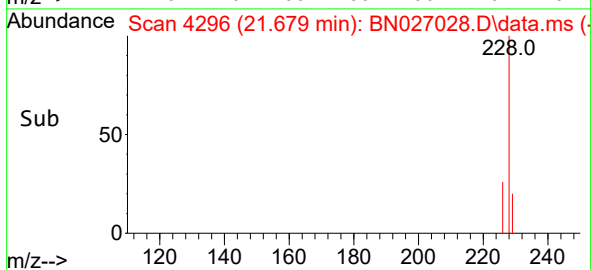
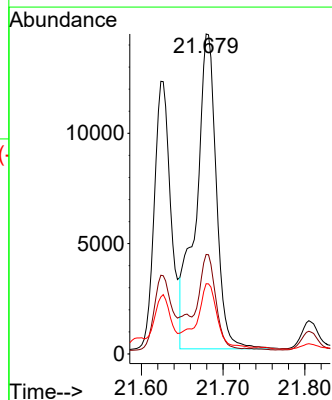
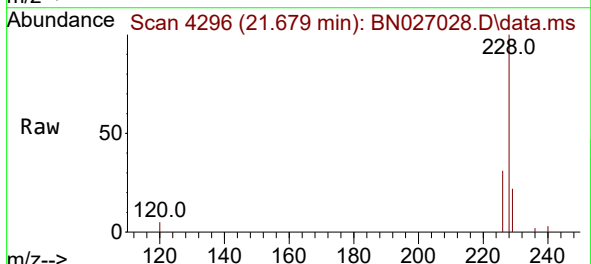
Instrument :
BNA_N
ClientSampleId :
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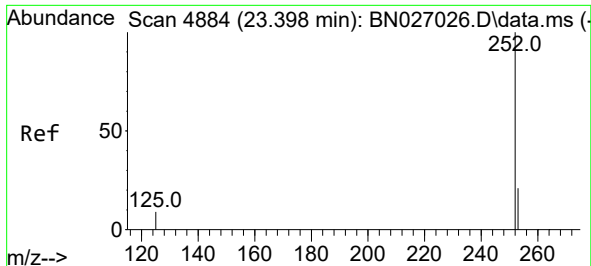
Tgt Ion:228 Resp: 17272
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.9 22.2 33.2



#22
Chrysene
Concen: 0.230 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

Tgt Ion:228 Resp: 24801
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 22.0 15.8 23.6

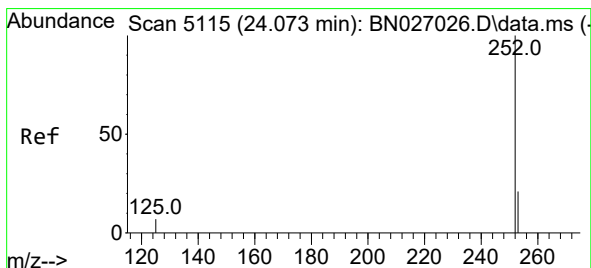
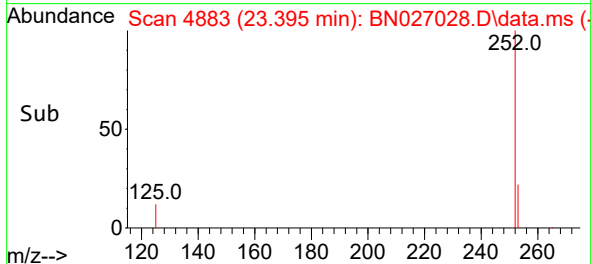
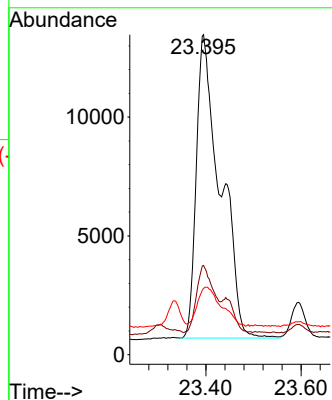
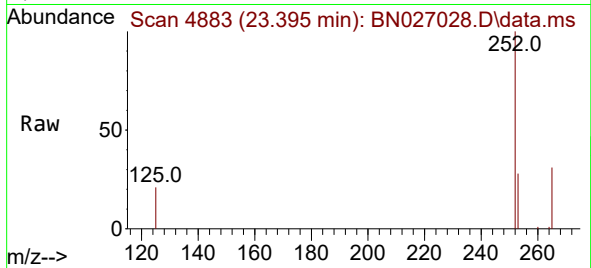




#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

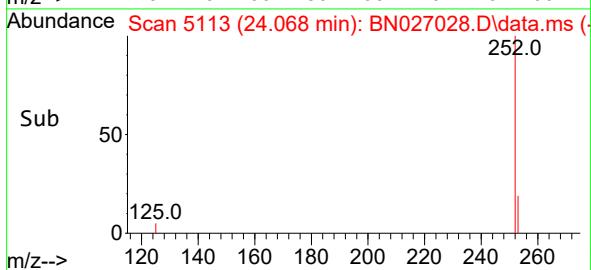
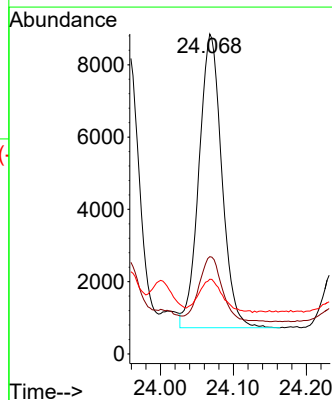
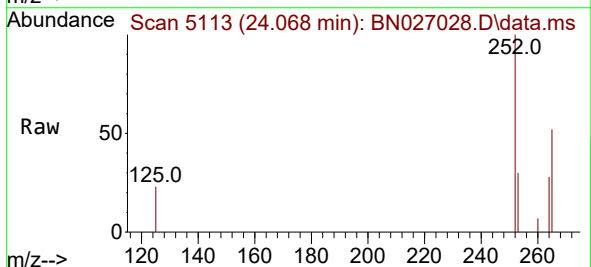
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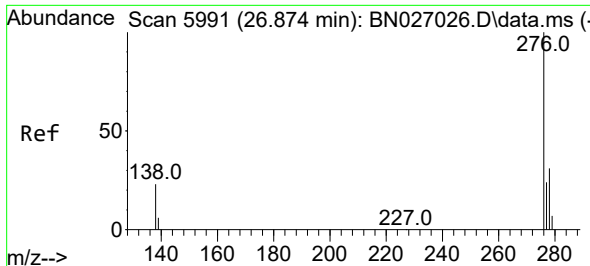
Tgt Ion:252 Resp: 44720
Ion Ratio Lower Upper
252 100
253 27.9 0.0 46.8
125 20.7 0.0 25.2



#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 24.068 min Scan# 5113
Delta R.T. -0.018 min
Lab File: BN027028.D
Acq: 22 Aug 2023 15:55

Tgt Ion:252 Resp: 17664
Ion Ratio Lower Upper
252 100
253 30.4 19.0 28.6#
125 23.3 11.4 17.0#

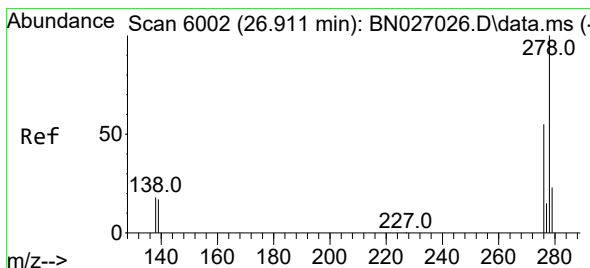
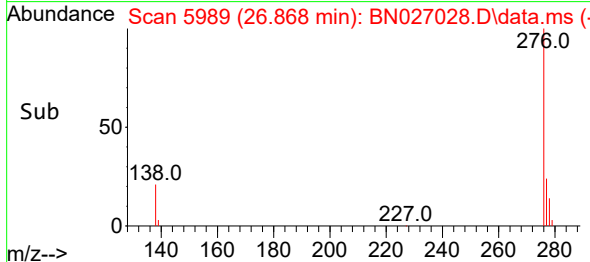
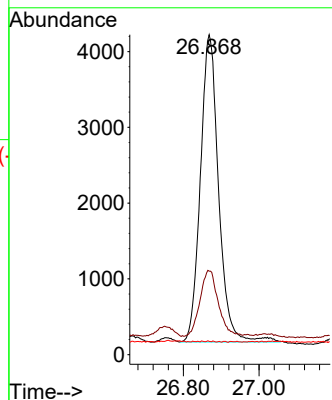
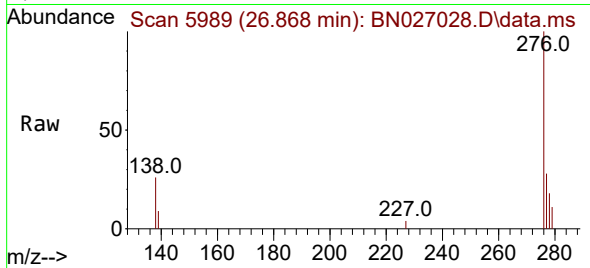




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.127 ng/ul
 RT: 26.868 min Scan# 5989
 Delta R.T. -0.017 min
 Lab File: BN027028.D
 Acq: 22 Aug 2023 15:55

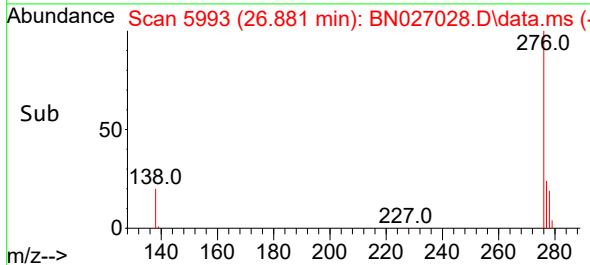
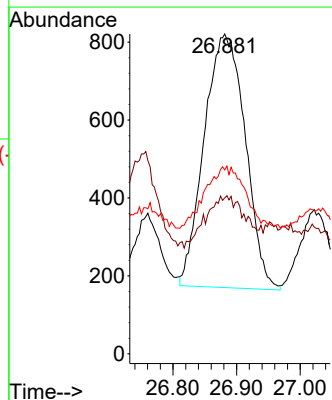
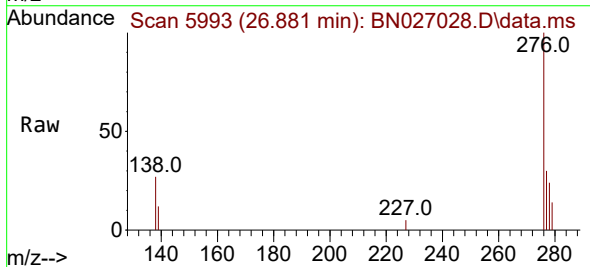
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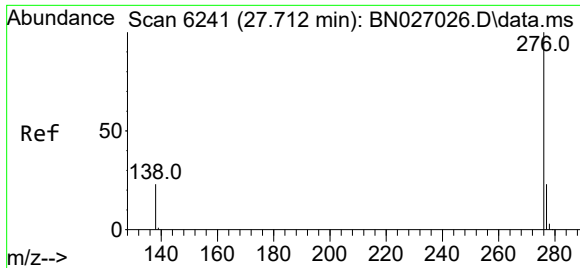
Tgt Ion:276 Resp: 13545
 Ion Ratio Lower Upper
 276 100
 138 21.5 21.6 32.4#
 227 0.0 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.034 ng/ul
 RT: 26.881 min Scan# 5993
 Delta R.T. -0.040 min
 Lab File: BN027028.D
 Acq: 22 Aug 2023 15:55

Tgt Ion:278 Resp: 2917
 Ion Ratio Lower Upper
 278 100
 139 48.7 15.7 23.5#
 279 57.5 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.151 ng/ul
 RT: 27.710 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN027028.D
 Acq: 22 Aug 2023 15:55

Instrument :
 BNA_N
 ClientSampleId :
 A48L8DL

Tgt Ion:	276	Resp:	13431
Ion Ratio	Lower	Upper	
276	100		
138	28.1	19.3	28.9
277	28.7	19.8	29.8

