

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026472.D
 Acq On : 11 Jul 2023 20:50
 Operator : MA/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:13:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

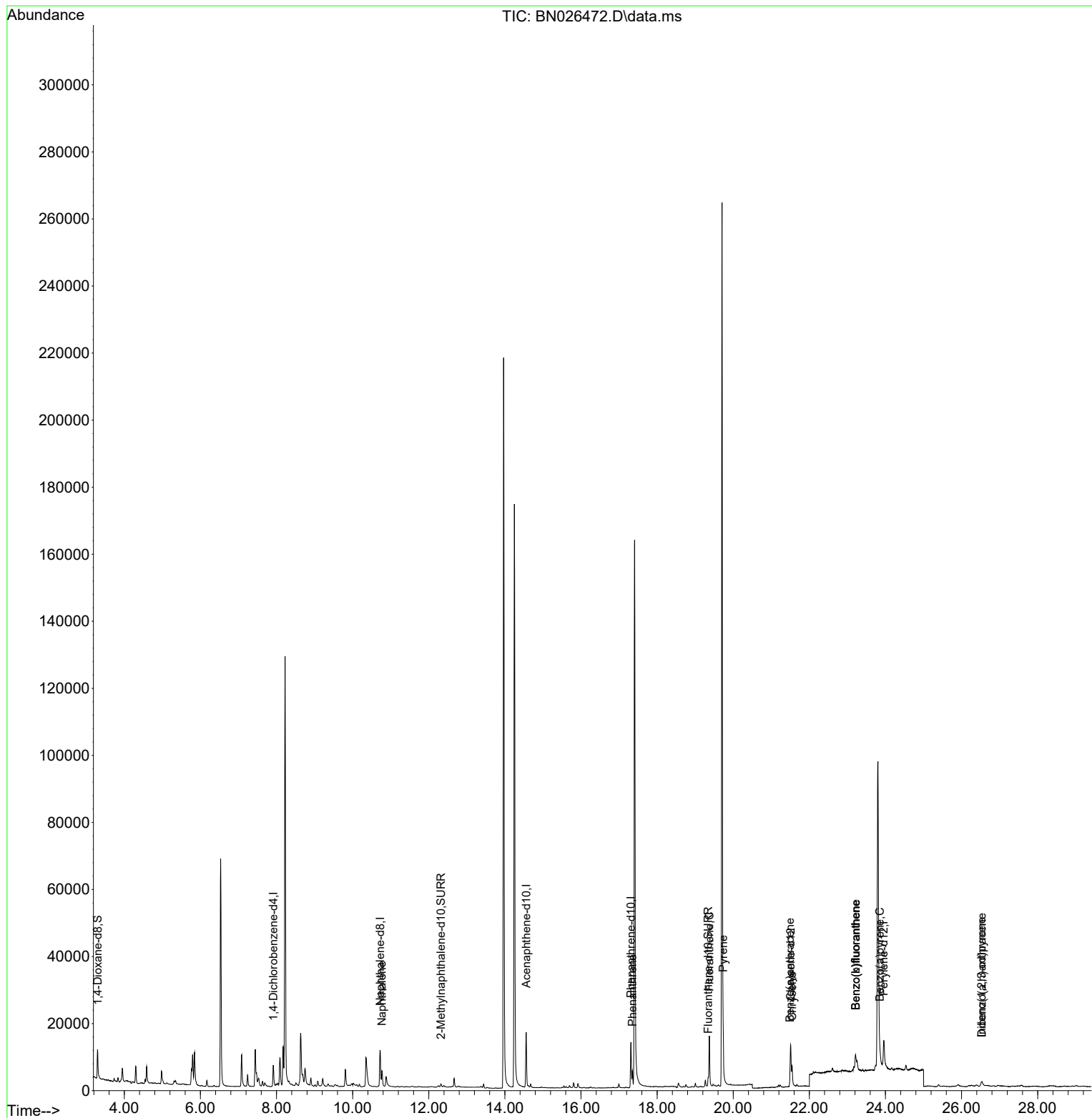
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3879	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.720	136	17541	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.561	164	9973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	17859	0.400	ng/ul	-0.01
17) Chrysene-d12	21.511	240	11798	0.400	ng/ul	0.00
23) Perylene-d12	23.954	264	12249	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	6216	1.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	1596	0.059	ng/ul	-0.01
18) Fluoranthene-d10	19.339	212	3085	0.069	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.769	128	7443	0.148	ng/ul	97
15) Phenanthrene	17.351	178	5328	0.090	ng/ul#	93
19) Fluoranthene	19.372	202	14777	0.234	ng/ul	100
20) Pyrene	19.734	202	12202	0.186	ng/ul	98
21) Benzo(a)anthracene	21.493	228	5126	0.105	ng/ul#	90
22) Chrysene	21.546	228	6091	0.120	ng/ul#	94
24) Benzo(b)fluoranthene	23.215	252	12002	0.230	ng/ul#	66
25) Benzo(k)fluoranthene	23.215	252	9466	0.180	ng/ul#	69
26) Benzo(a)pyrene	23.852	252	3214	0.071	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.527	276	3486	0.070	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.533	278	820	0.022	ng/ul#	1

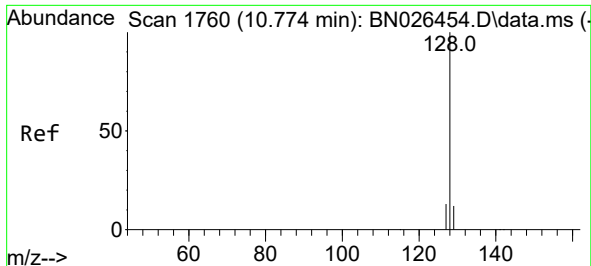
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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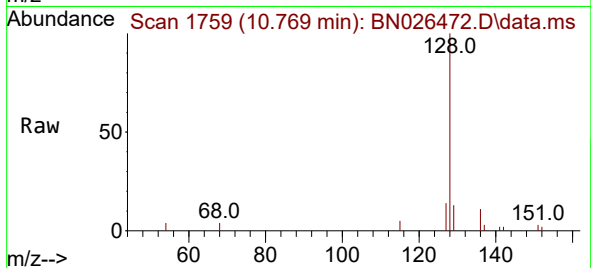
Quant Time: Jul 12 02:13:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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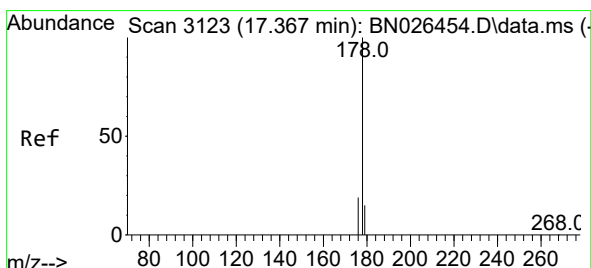
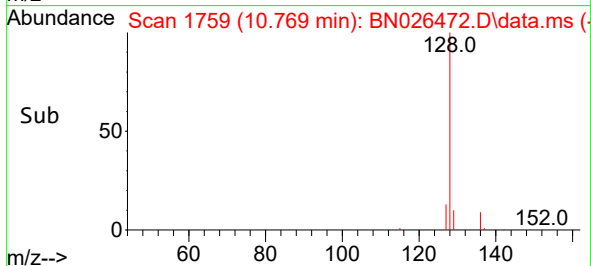
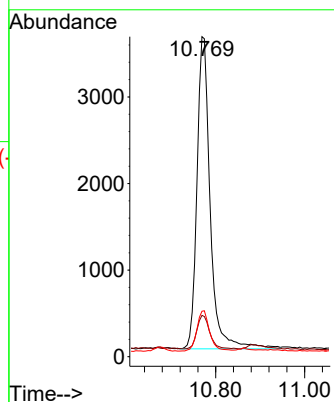


#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.769 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BN026472.D
Acq: 11 Jul 2023 20:50

Instrument :
BNA_N
ClientSampleId :

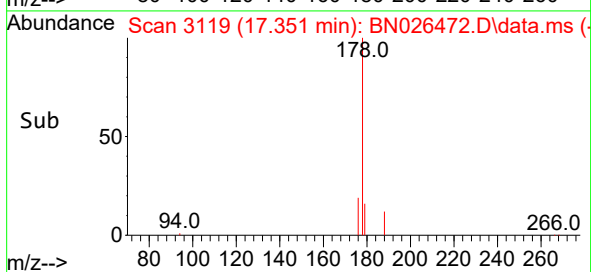
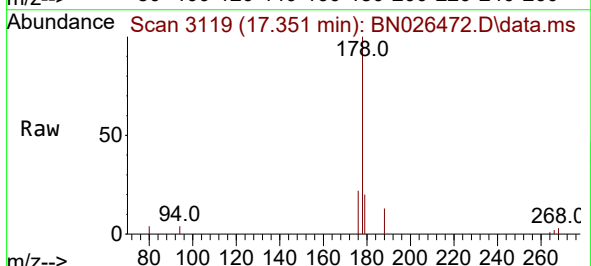
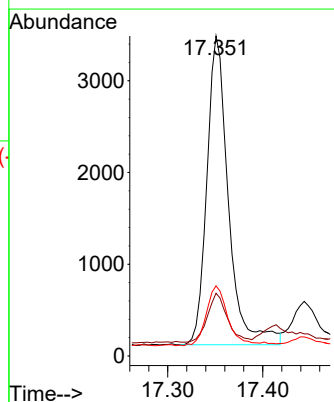


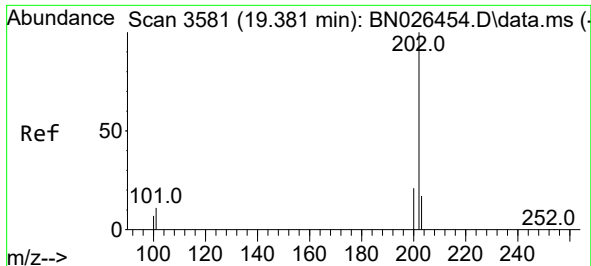
Tgt Ion:128 Resp: 7443
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.2 10.7 16.1



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.017 min
Lab File: BN026472.D
Acq: 11 Jul 2023 20:50

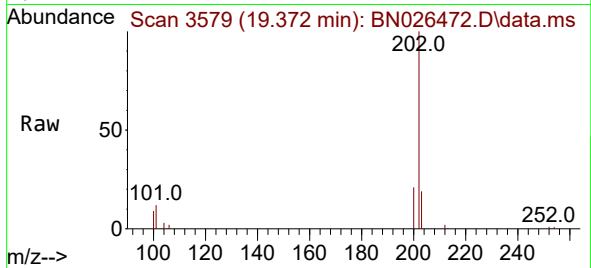
Tgt Ion:178 Resp: 5328
Ion Ratio Lower Upper
178 100
179 19.6 12.6 19.0#
176 21.9 15.8 23.6



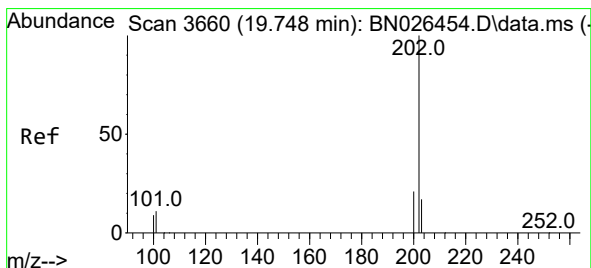
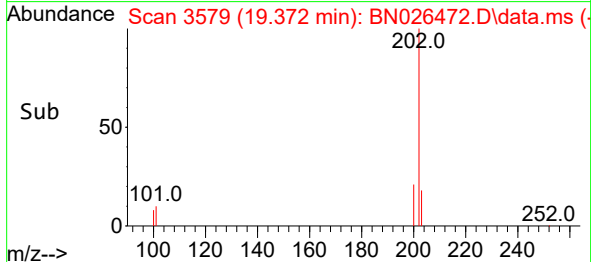
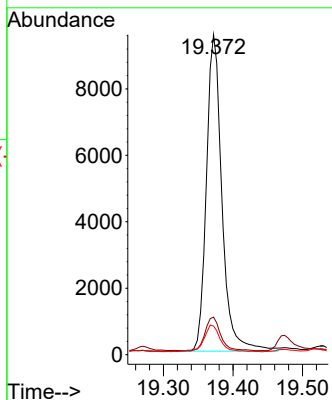


#19
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.372 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN026472.D
Acq: 11 Jul 2023 20:50

Instrument :
BNA_N
ClientSampleId :

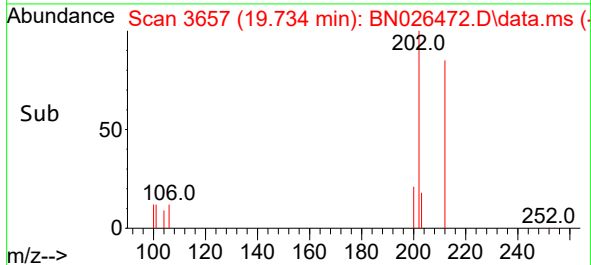
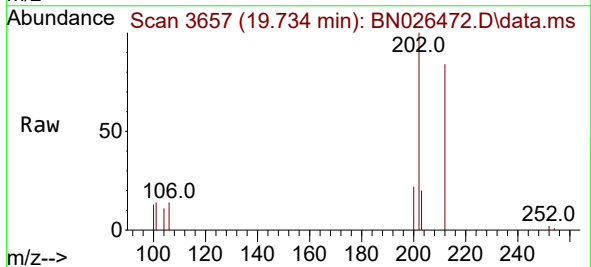
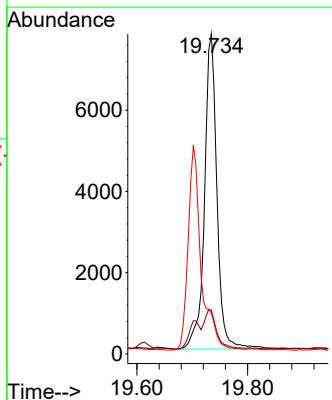


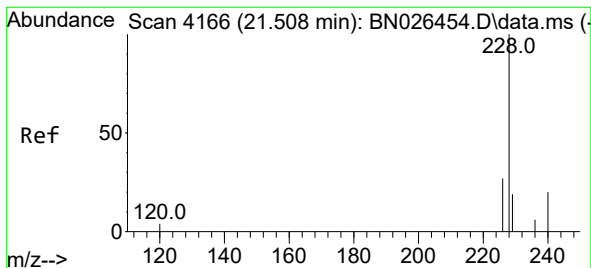
Tgt Ion:202 Resp: 14777
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.186 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. -0.015 min
Lab File: BN026472.D
Acq: 11 Jul 2023 20:50

Tgt Ion:202 Resp: 12202
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 12.8 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.105 ng/ul

RT: 21.493 min Scan# 4161

Delta R.T. -0.007 min

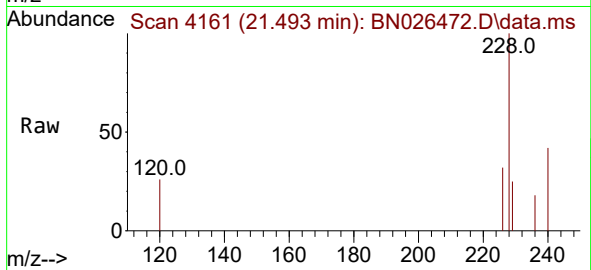
Lab File: BN026472.D

Acq: 11 Jul 2023 20:50

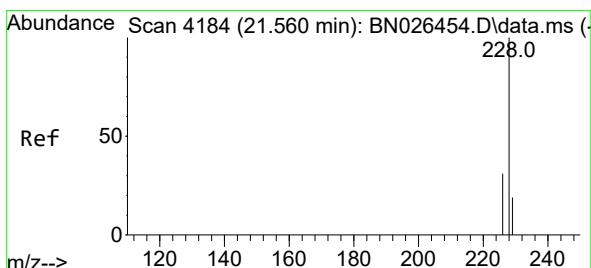
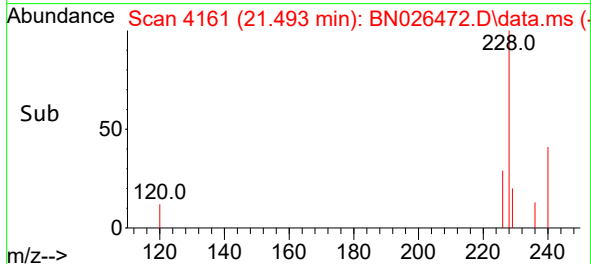
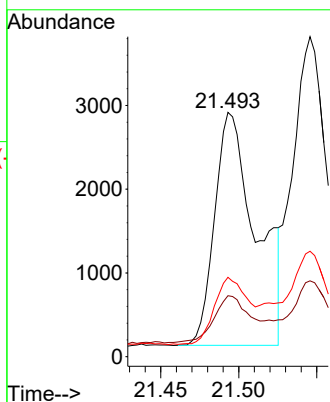
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:228	Resp:	5126
Ion Ratio	Lower	Upper
228	100	
229	24.9	15.8 23.6#
226	32.5	22.5 33.7



#22

Chrysene

Concen: 0.120 ng/ul

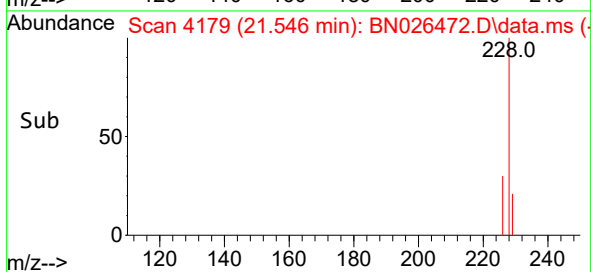
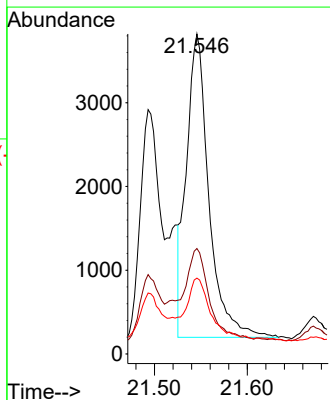
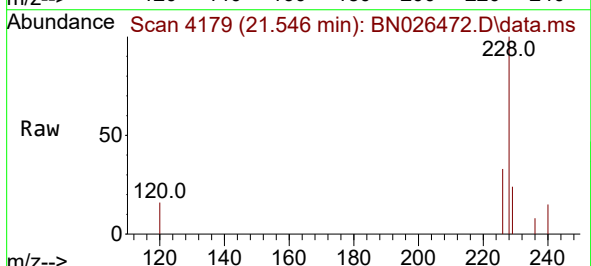
RT: 21.546 min Scan# 4179

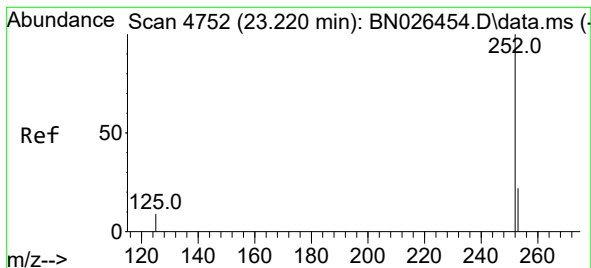
Delta R.T. -0.007 min

Lab File: BN026472.D

Acq: 11 Jul 2023 20:50

Tgt Ion:228	Resp:	6091
Ion Ratio	Lower	Upper
228	100	
226	33.0	24.8 37.2
229	23.7	15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.230 ng/ul

RT: 23.215 min Scan# 4750

Delta R.T. -0.004 min

Lab File: BN026472.D

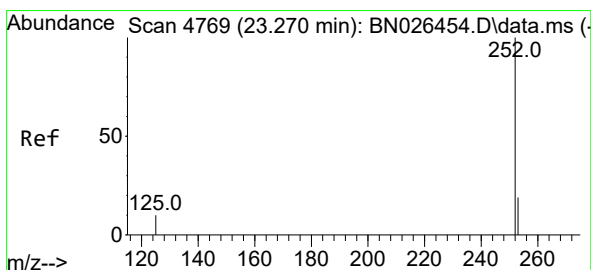
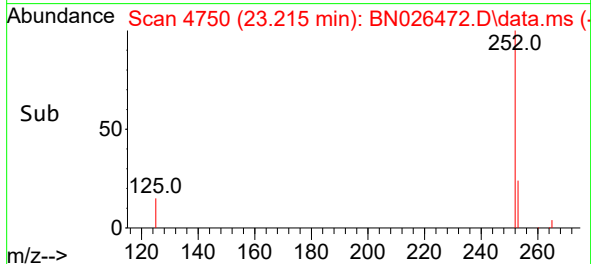
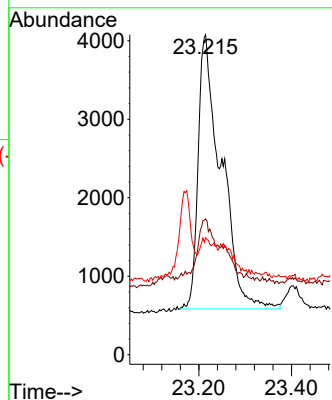
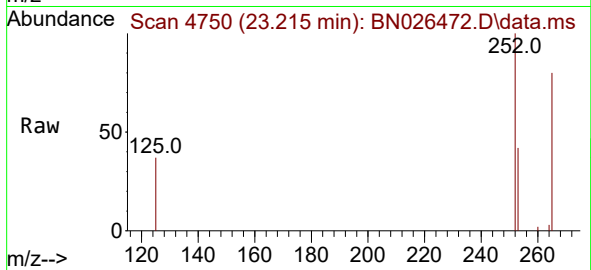
Acq: 11 Jul 2023 20:50

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	12002
Ion Ratio	Lower	Upper
252	100	
253	42.5	0.0 55.6
125	36.5	0.0 35.8#



#25

Benzo(k)fluoranthene

Concen: 0.180 ng/ul

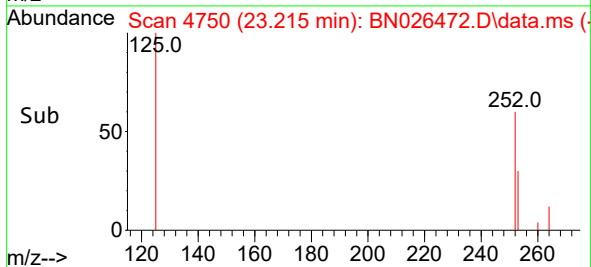
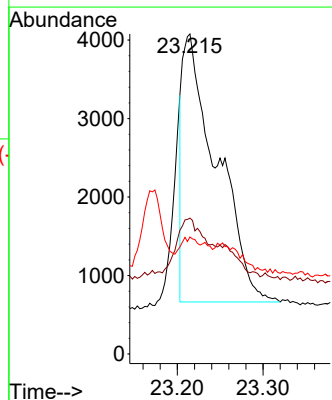
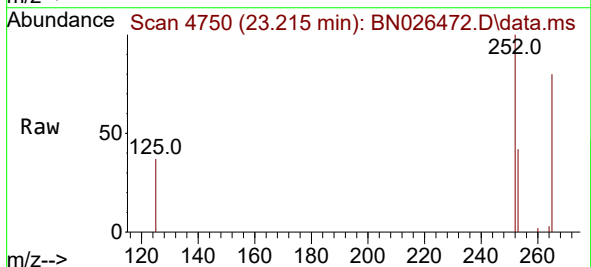
RT: 23.215 min Scan# 4750

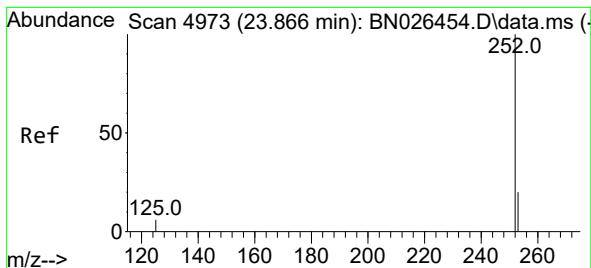
Delta R.T. -0.047 min

Lab File: BN026472.D

Acq: 11 Jul 2023 20:50

Tgt Ion:252	Resp:	9466
Ion Ratio	Lower	Upper
252	100	
253	42.5	23.2 34.8#
125	36.5	15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 23.852 min Scan# 4968

Delta R.T. -0.018 min

Lab File: BN026472.D

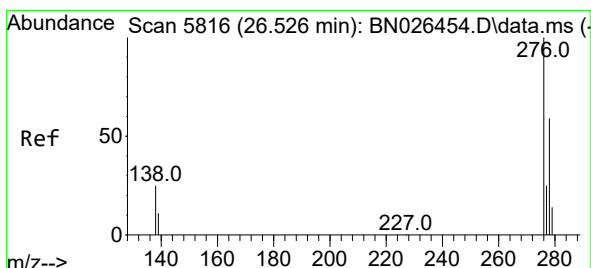
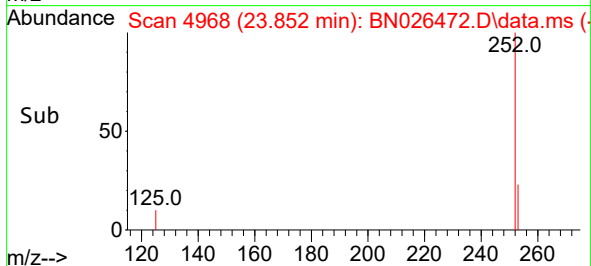
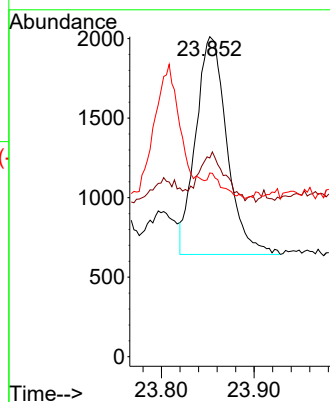
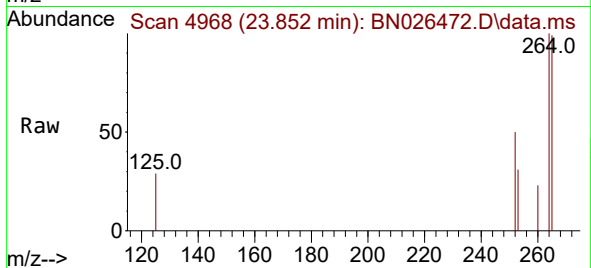
Acq: 11 Jul 2023 20:50

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	3214
Ion Ratio	Lower	Upper
252	100	
253	62.1	26.0 39.0#
125	57.4	17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.070 ng/ul

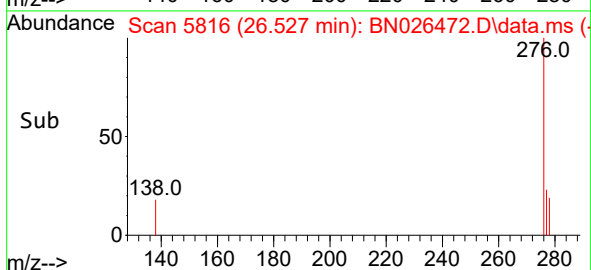
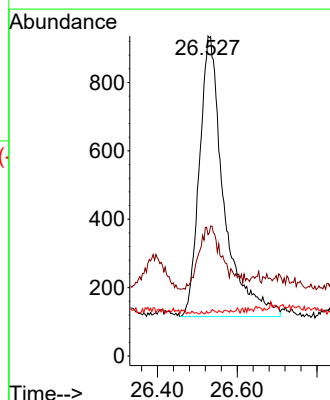
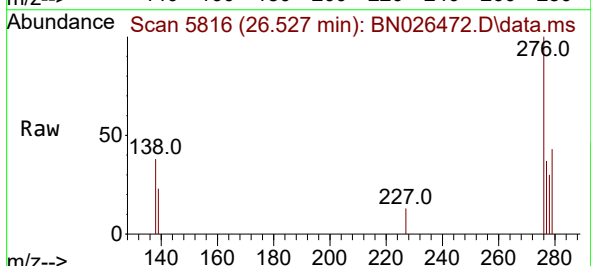
RT: 26.527 min Scan# 5816

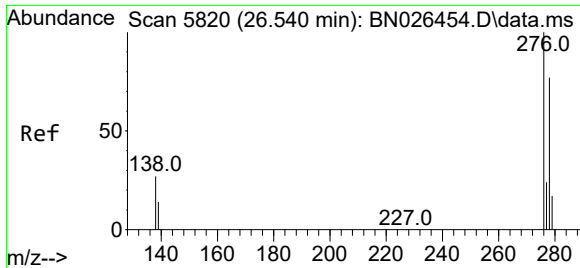
Delta R.T. -0.014 min

Lab File: BN026472.D

Acq: 11 Jul 2023 20:50

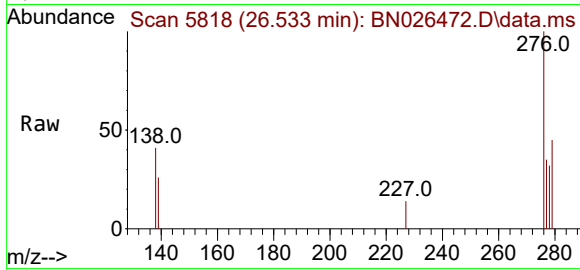
Tgt Ion:276	Resp:	3486
Ion Ratio	Lower	Upper
276	100	
138	0.0	24.5 36.7#
227	0.1	0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.028 min
Lab File: BN026472.D
Acq: 11 Jul 2023 20:50

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 820
Ion Ratio Lower Upper
278 100
139 80.7 19.0 28.4#
279 138.5 26.7 40.1#

