

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024686.D
 Acq On : 31 Mar 2023 19:19
 Operator : CG/JU
 Sample : 02010-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB952

Quant Time: Apr 01 01:02:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

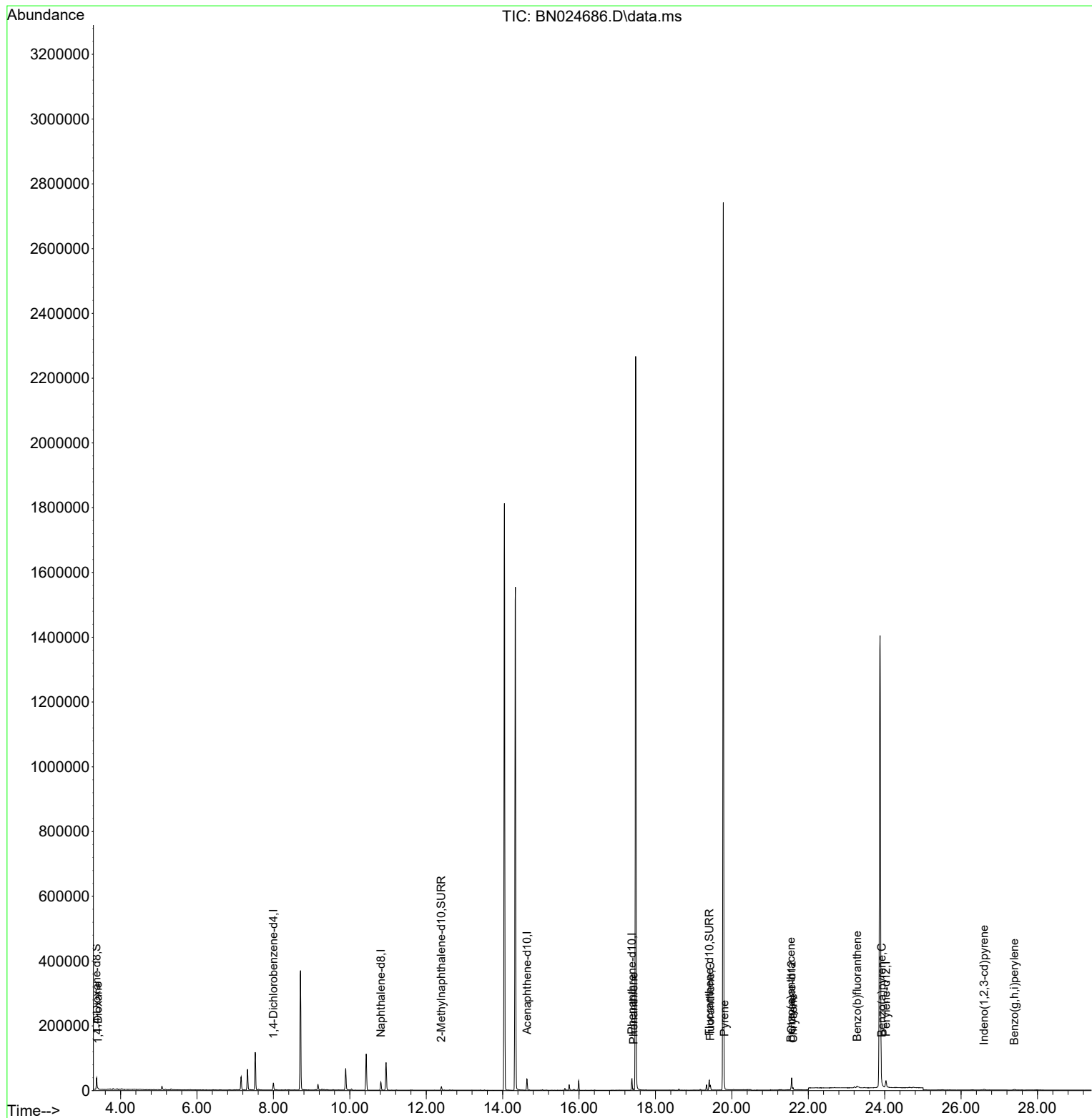
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	10673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	32541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	19282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	40921	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	31772	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	31085	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	21821	1.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13021	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	31967	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	1318	0.114	ng/ul#	57
15) Phenanthrene	17.426	178	4659	0.042	ng/ul#	90
19) Fluoranthene	19.436	202	12131	0.108	ng/ul#	95
20) Pyrene	19.803	202	11009	0.097	ng/ul#	93
21) Benzo(a)anthracene	21.548	228	4418	0.046	ng/ul#	81
22) Chrysene	21.603	228	6926	0.066	ng/ul#	85
24) Benzo(b)fluoranthene	23.278	252	11827	0.092	ng/ul#	42
26) Benzo(a)pyrene	23.924	252	4522	0.045	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.596	276	3597	0.030	ng/ul#	92
29) Benzo(g,h,i)perylene	27.394	276	3939	0.038	ng/ul#	64

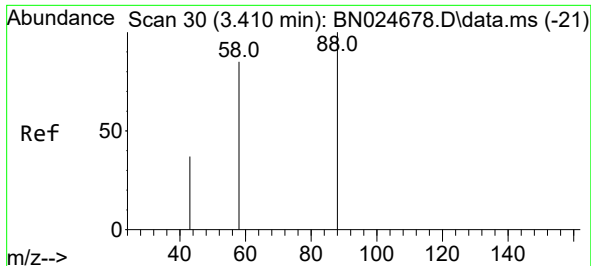
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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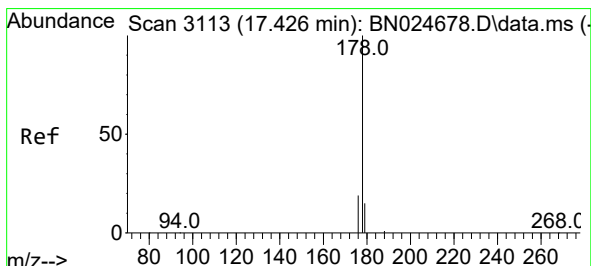
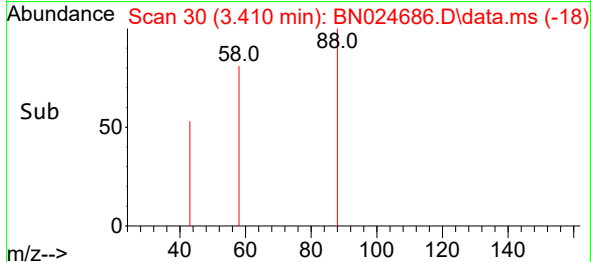
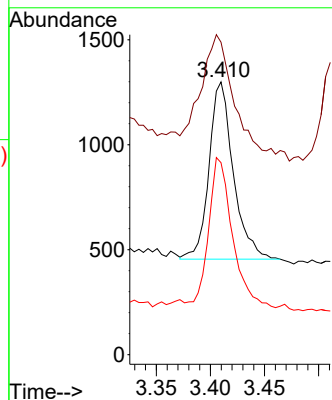
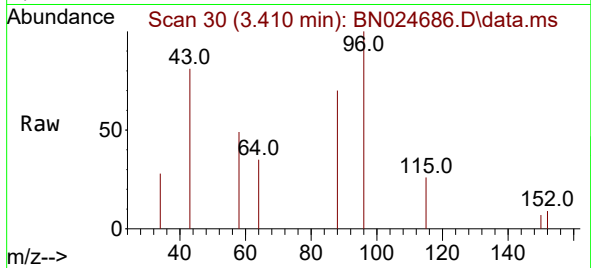




#2
 1,4-Dioxane
 Concen: 0.114 ng/ul
 RT: 3.410 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN024686.D
 Acq: 31 Mar 2023 19:19

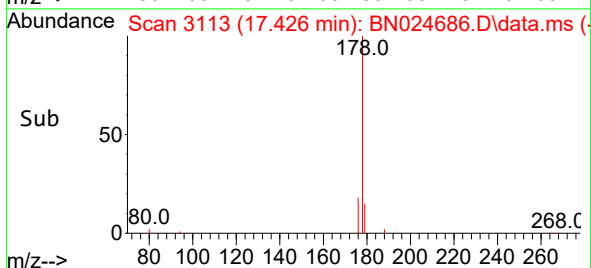
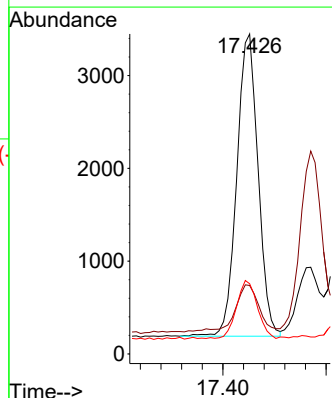
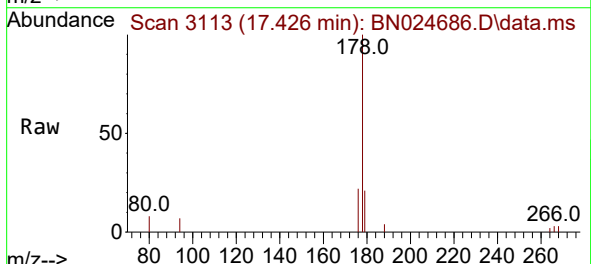
Instrument :
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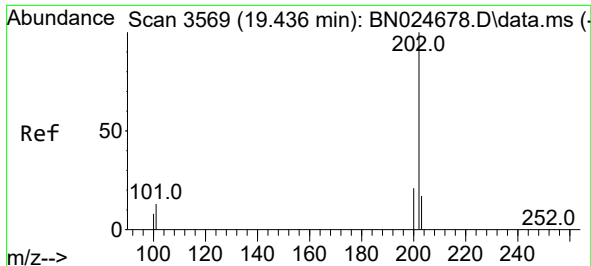
Tgt Ion: 88 Resp: 1318
 Ion Ratio Lower Upper
 88 100
 43 114.5 37.2 55.8#
 58 70.4 61.5 92.3



#15
 Phenanthrene
 Concen: 0.042 ng/ul
 RT: 17.426 min Scan# 3113
 Delta R.T. 0.000 min
 Lab File: BN024686.D
 Acq: 31 Mar 2023 19:19

Tgt Ion: 178 Resp: 4659
 Ion Ratio Lower Upper
 178 100
 179 21.4 12.3 18.5#
 176 22.0 15.5 23.3

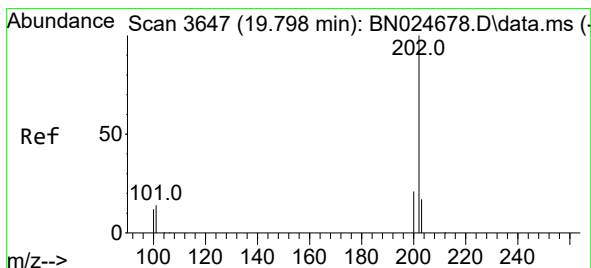
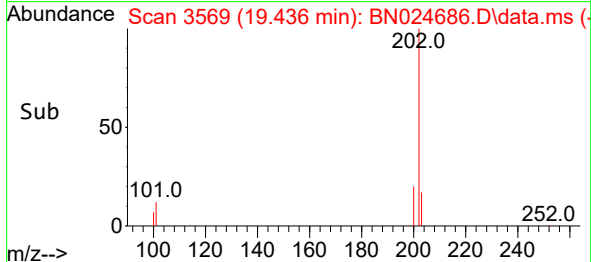
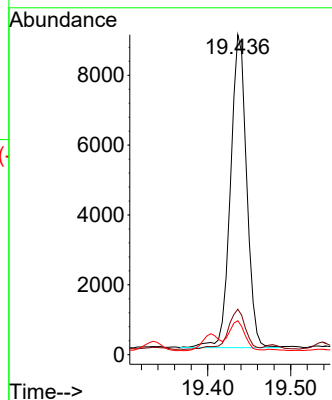
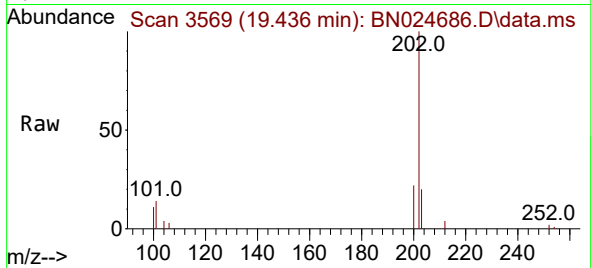




#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

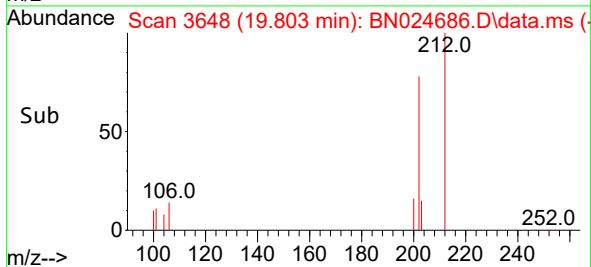
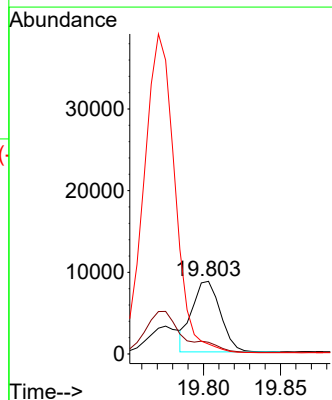
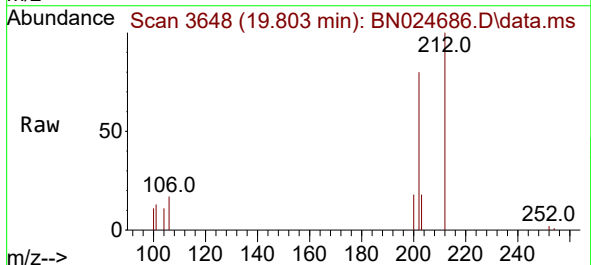
Instrument :
BNA_N
ClientSampleId :
CB952

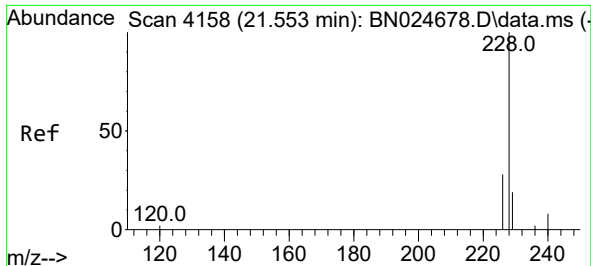
Tgt Ion:202 Resp: 12131
Ion Ratio Lower Upper
202 100
101 14.2 9.6 14.4
100 10.6 7.0 10.6#



#20
Pyrene
Concen: 0.097 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

Tgt Ion:202 Resp: 11009
Ion Ratio Lower Upper
202 100
101 16.1 10.9 16.3
100 13.6 8.7 13.1#

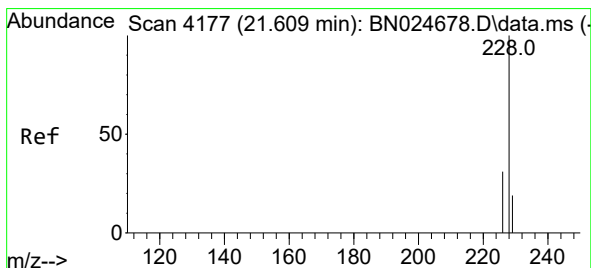
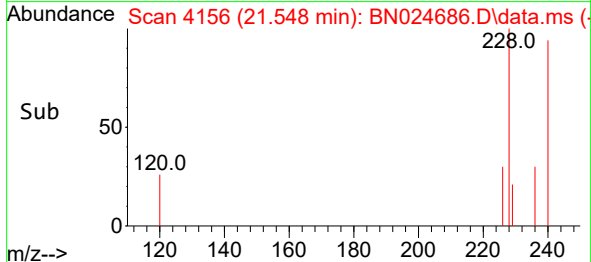
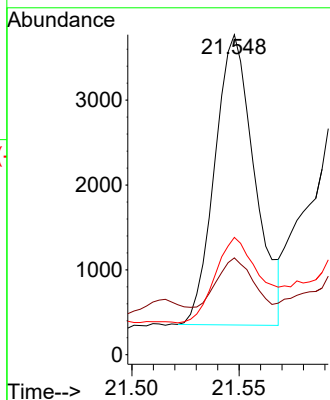
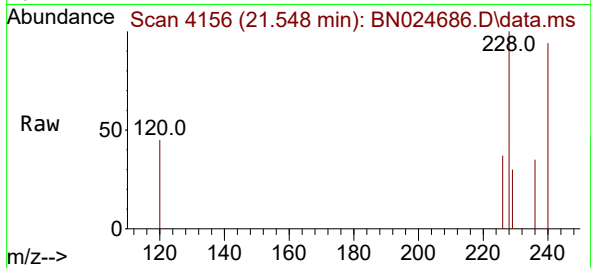




#21
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.548 min Scan# 4158
Delta R.T. -0.006 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

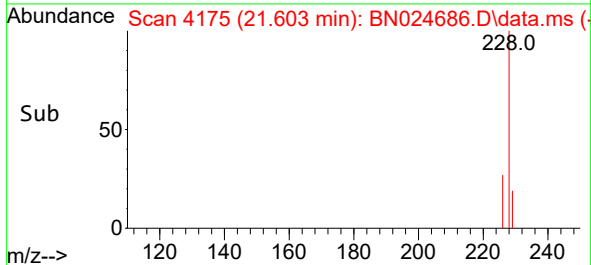
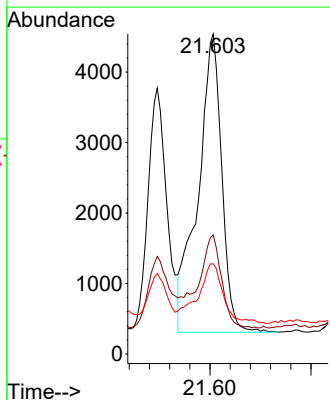
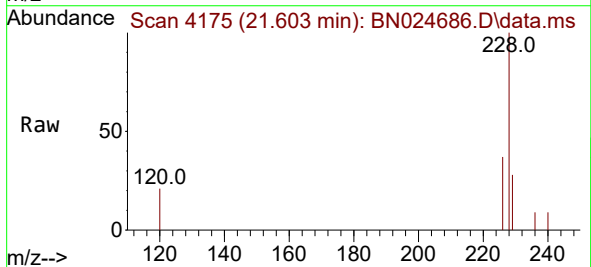
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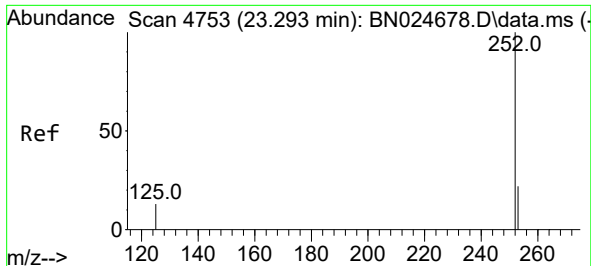
Tgt Ion:228 Resp: 4418
Ion Ratio Lower Upper
228 100
229 30.3 15.6 23.4#
226 36.7 22.5 33.7#



#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

Tgt Ion:228 Resp: 6926
Ion Ratio Lower Upper
228 100
226 37.2 24.6 37.0#
229 28.2 15.6 23.4#

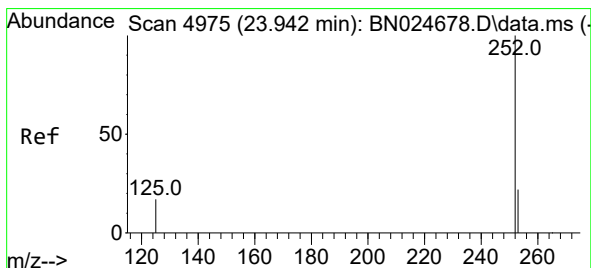
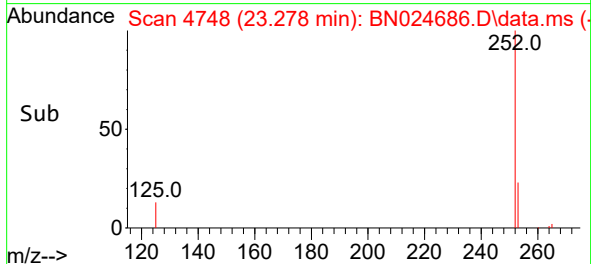
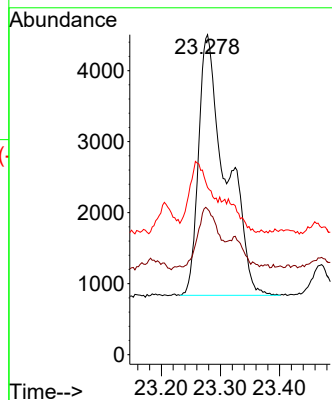
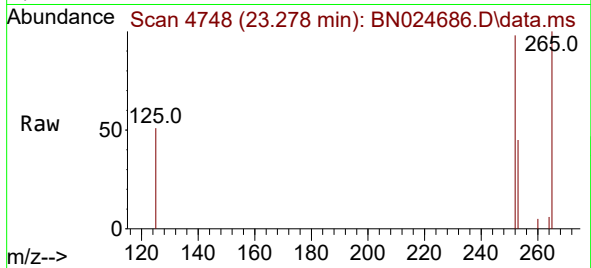




#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 23.278 min Scan# 4748
Delta R.T. -0.014 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

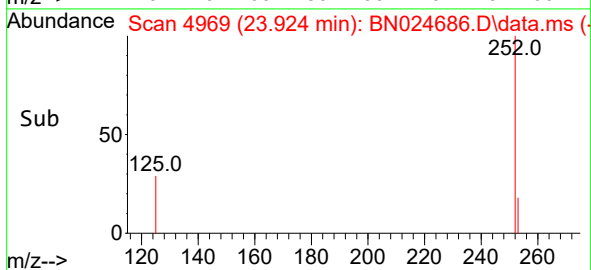
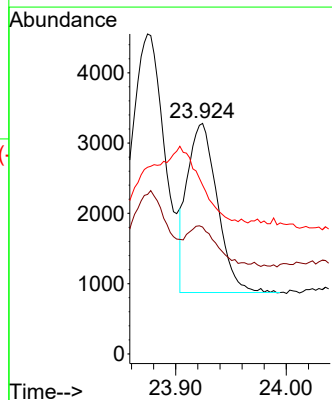
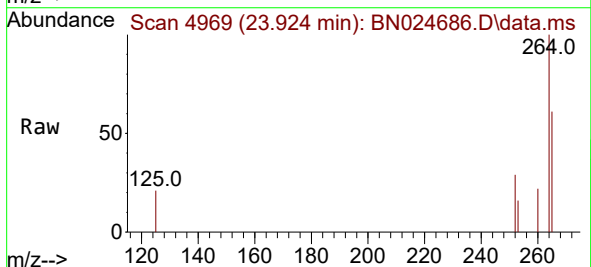
Instrument :
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ClientSampleId :
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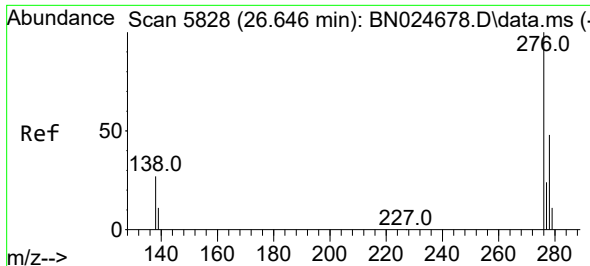
Tgt Ion:252 Resp: 11827
Ion Ratio Lower Upper
252 100
253 45.5 0.0 49.6
125 52.3 0.0 32.4#



#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.924 min Scan# 4969
Delta R.T. -0.017 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

Tgt Ion:252 Resp: 4522
Ion Ratio Lower Upper
252 100
253 55.0 21.8 32.8#
125 73.2 15.4 23.0#

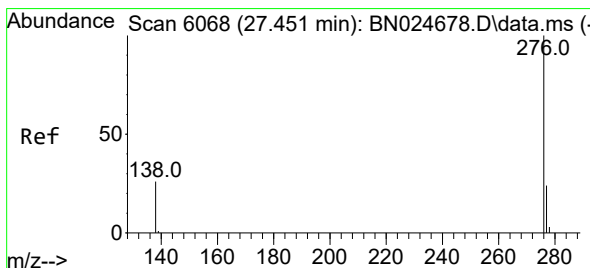
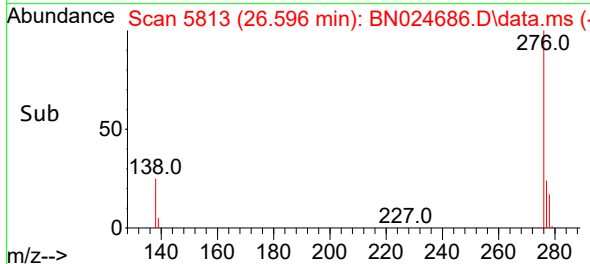
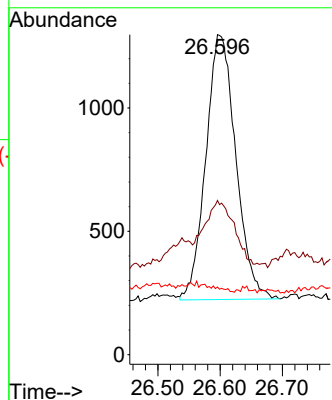
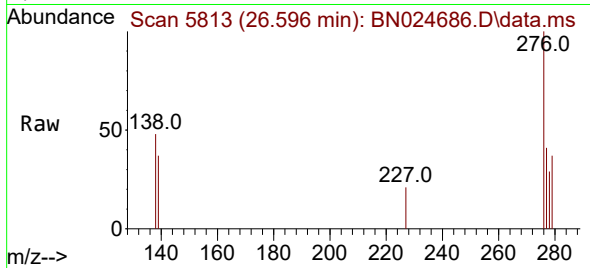




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.030 ng/ul
 RT: 26.596 min Scan# 51
 Delta R.T. -0.050 min
 Lab File: BN024686.D
 Acq: 31 Mar 2023 19:19

Instrument :
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 CB952

Tgt Ion:276 Resp: 3597
 Ion Ratio Lower Upper
 276 100
 138 26.4 24.6 36.8
 227 0.0 0.1 0.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.038 ng/ul
 RT: 27.394 min Scan# 6051
 Delta R.T. -0.057 min
 Lab File: BN024686.D
 Acq: 31 Mar 2023 19:19

Tgt Ion:276 Resp: 3939
 Ion Ratio Lower Upper
 276 100
 138 48.3 21.4 32.2#
 277 40.0 19.8 29.6#

