

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024776.D
 Acq On : 06 Apr 2023 11:53
 Operator : CG/JU
 Sample : 02010-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB944

Quant Time: Apr 06 22:21:55 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 : Thu Apr 06 22:19:46 2023
 Response via : Initial Calibration

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

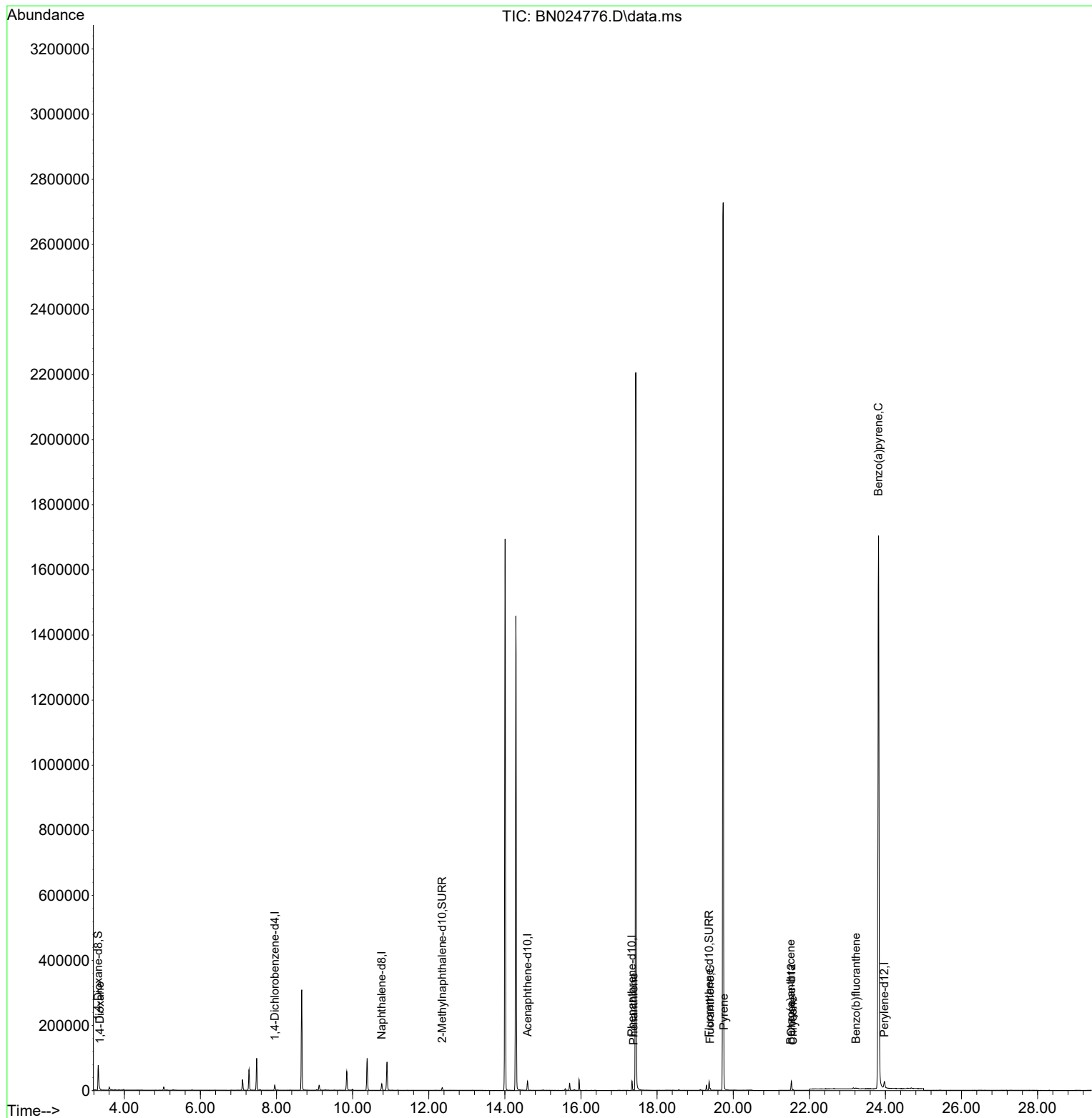
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25455	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.594	164	15161	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	32716	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	26788	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	30250	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	46125	5.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10965	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	28458	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	776	0.088	ng/ul#	58
15) Phenanthrene	17.381	178	1936	0.022	ng/ul#	84
19) Fluoranthene	19.396	202	4271	0.045	ng/ul#	90
20) Pyrene	19.759	202	3498	0.036	ng/ul#	72
21) Benzo(a)anthracene	21.512	228	1696	0.021	ng/ul#	88
22) Chrysene	21.570	228	2509	0.028	ng/ul#	90
24) Benzo(b)fluoranthene	23.227	252	4411	0.035	ng/ul#	1
26) Benzo(a)pyrene	23.818	252	11109	0.112	ng/ul#	62

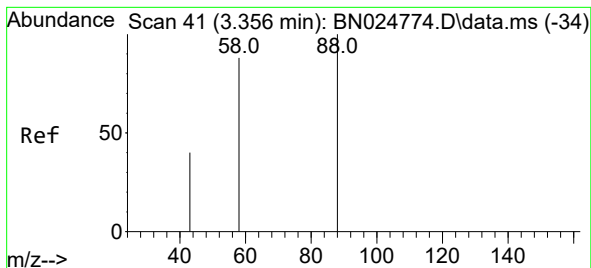
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:19:46 2023
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.088 ng/ul

RT: 3.356 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN024776.D

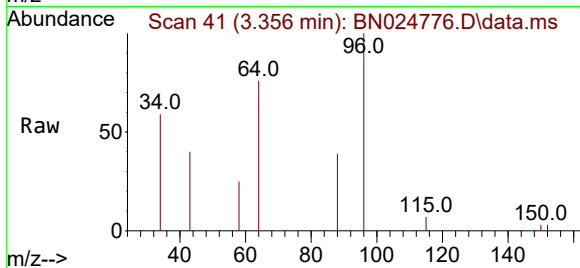
Acq: 06 Apr 2023 11:53

Instrument :

BNA_N

ClientSampleId :

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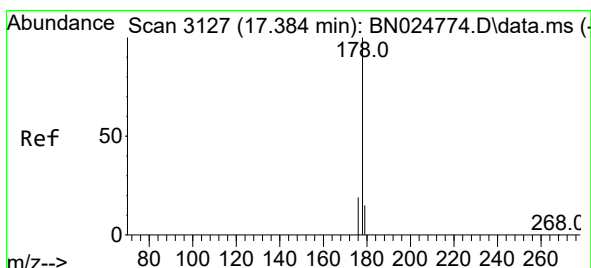
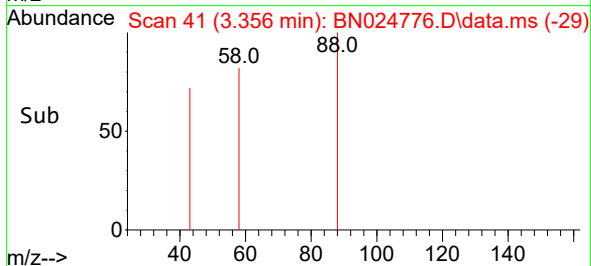
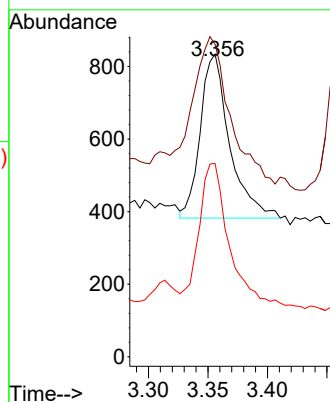
Tgt Ion: 88 Resp: 776

Ion Ratio Lower Upper

88 100

43 103.2 37.2 55.8#

58 63.9 61.5 92.3



#15

Phenanthrene

Concen: 0.022 ng/ul

RT: 17.381 min Scan# 3126

Delta R.T. -0.003 min

Lab File: BN024776.D

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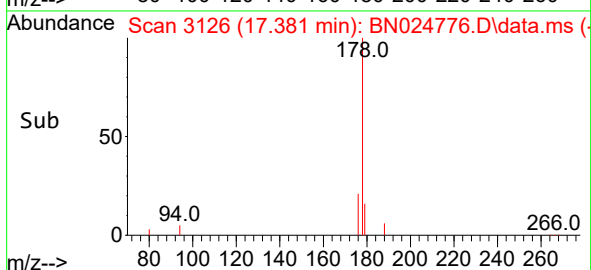
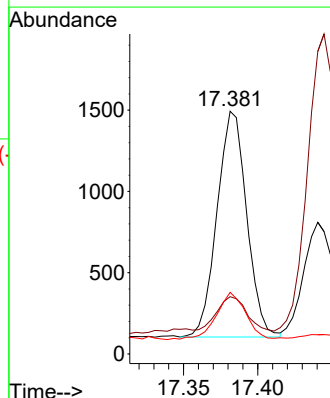
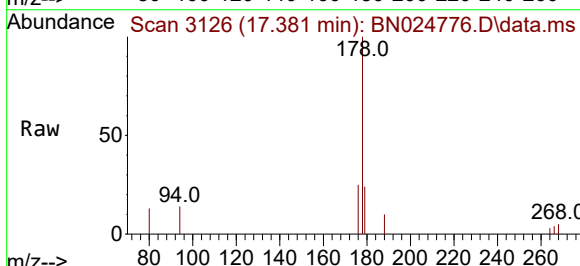
Tgt Ion: 178 Resp: 1936

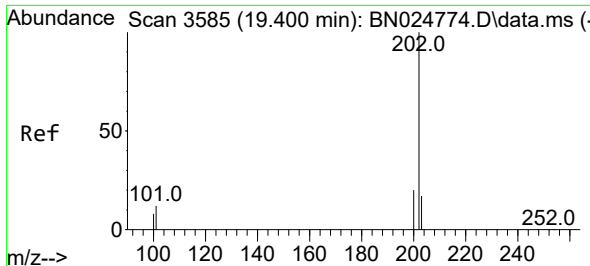
Ion Ratio Lower Upper

178 100

179 23.6 12.3 18.5#

176 25.4 15.5 23.3#

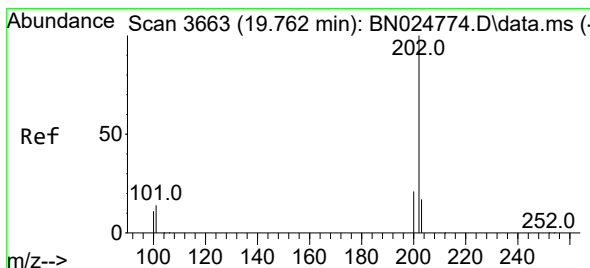
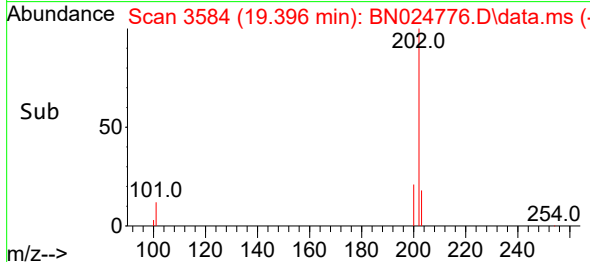
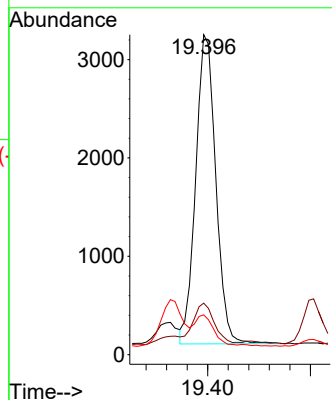
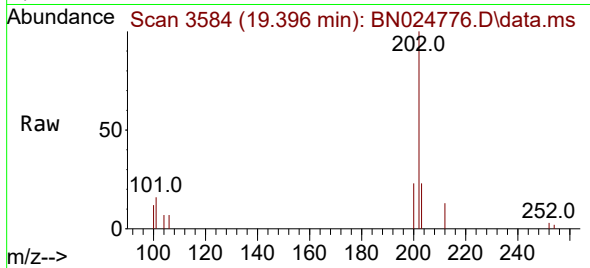




#19
Fluoranthene
Concen: 0.045 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.004 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

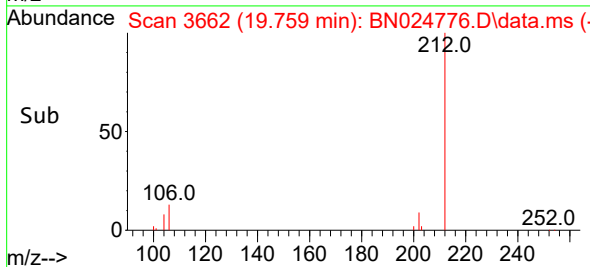
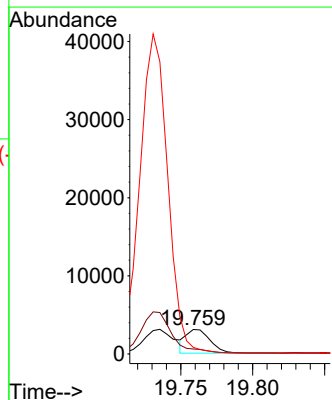
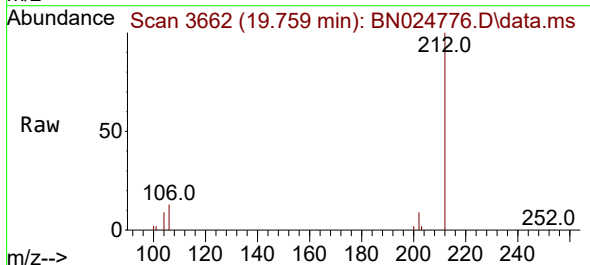
Instrument :
BNA_N
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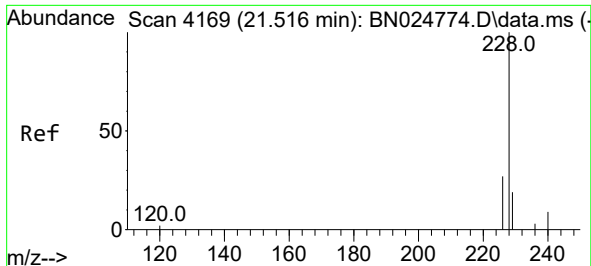
Tgt Ion:202 Resp: 4271
Ion Ratio Lower Upper
202 100
101 16.1 9.6 14.4#
100 12.5 7.0 10.6#



#20
Pyrene
Concen: 0.036 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.004 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

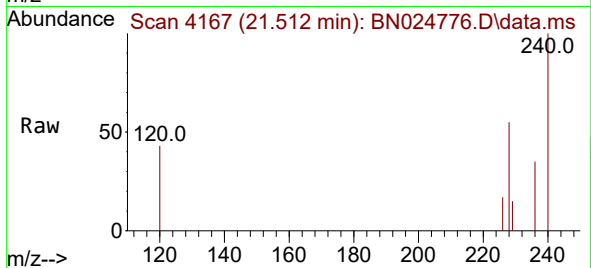
Tgt Ion:202 Resp: 3498
Ion Ratio Lower Upper
202 100
101 20.5 10.9 16.3#
100 26.6 8.7 13.1#



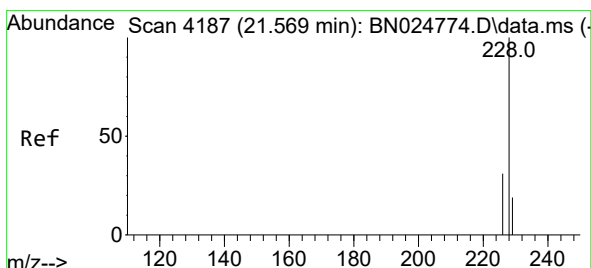
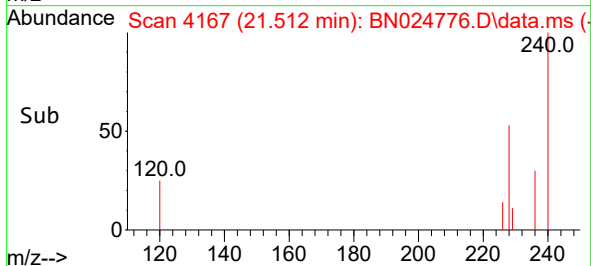
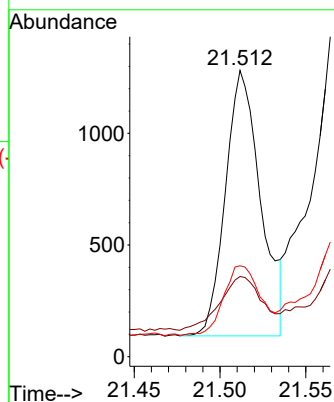


#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.512 min Scan# 4167
Delta R.T. -0.005 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

Instrument :
BNA_N
ClientSampleId :
CB944

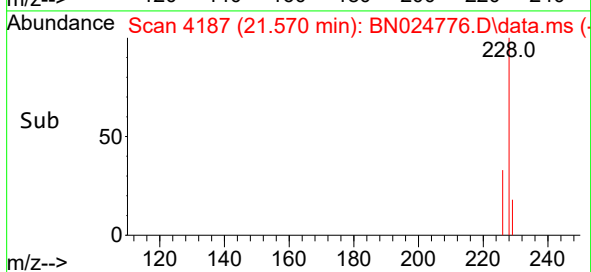
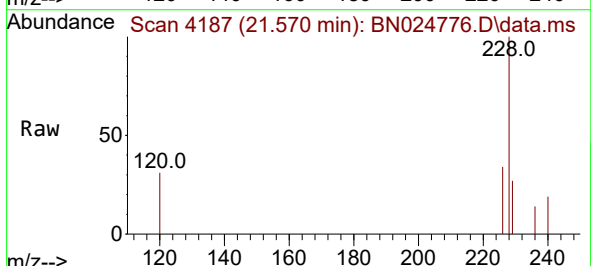
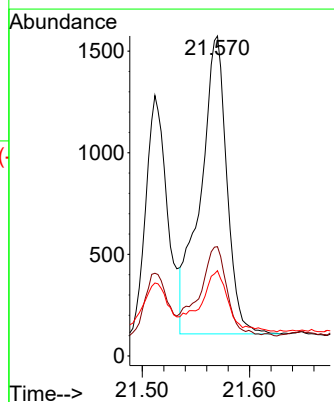


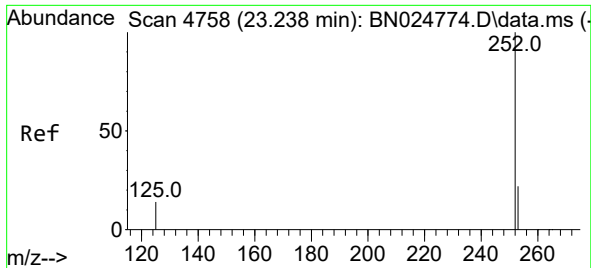
Tgt Ion:228 Resp: 1696
Ion Ratio Lower Upper
228 100
229 28.0 15.6 23.4#
226 31.7 22.5 33.7



#22
Chrysene
Concen: 0.028 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. 0.001 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

Tgt Ion:228 Resp: 2509
Ion Ratio Lower Upper
228 100
226 34.2 24.6 37.0
229 26.7 15.6 23.4#

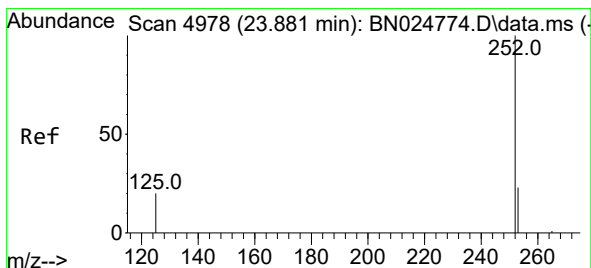
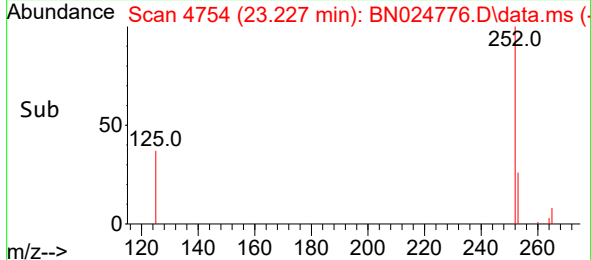
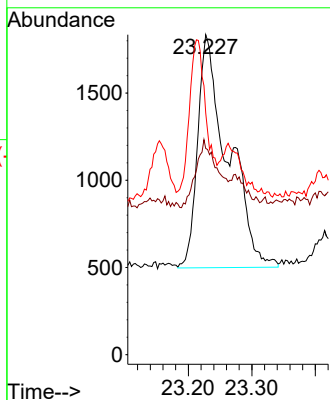
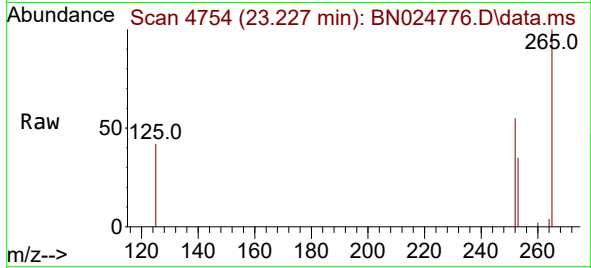




#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul
RT: 23.227 min Scan# 41
Delta R.T. -0.011 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

Instrument :
BNA_N
ClientSampleId :
CB944

Tgt Ion:252 Resp: 4411
Ion Ratio Lower Upper
252 100
253 64.5 0.0 49.6#
125 75.5 0.0 32.4#



#26
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.818 min Scan# 4956
Delta R.T. -0.063 min
Lab File: BN024776.D
Acq: 06 Apr 2023 11:53

Tgt Ion:252 Resp: 11109
Ion Ratio Lower Upper
252 100
253 44.1 21.8 32.8#
125 40.5 15.4 23.0#

