

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
 Data File : BN024865.D
 Acq On : 13 Apr 2023 17:48
 Operator : CG/JU
 Sample : 02275-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHDZ3

Quant Time: Apr 14 02:21:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

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

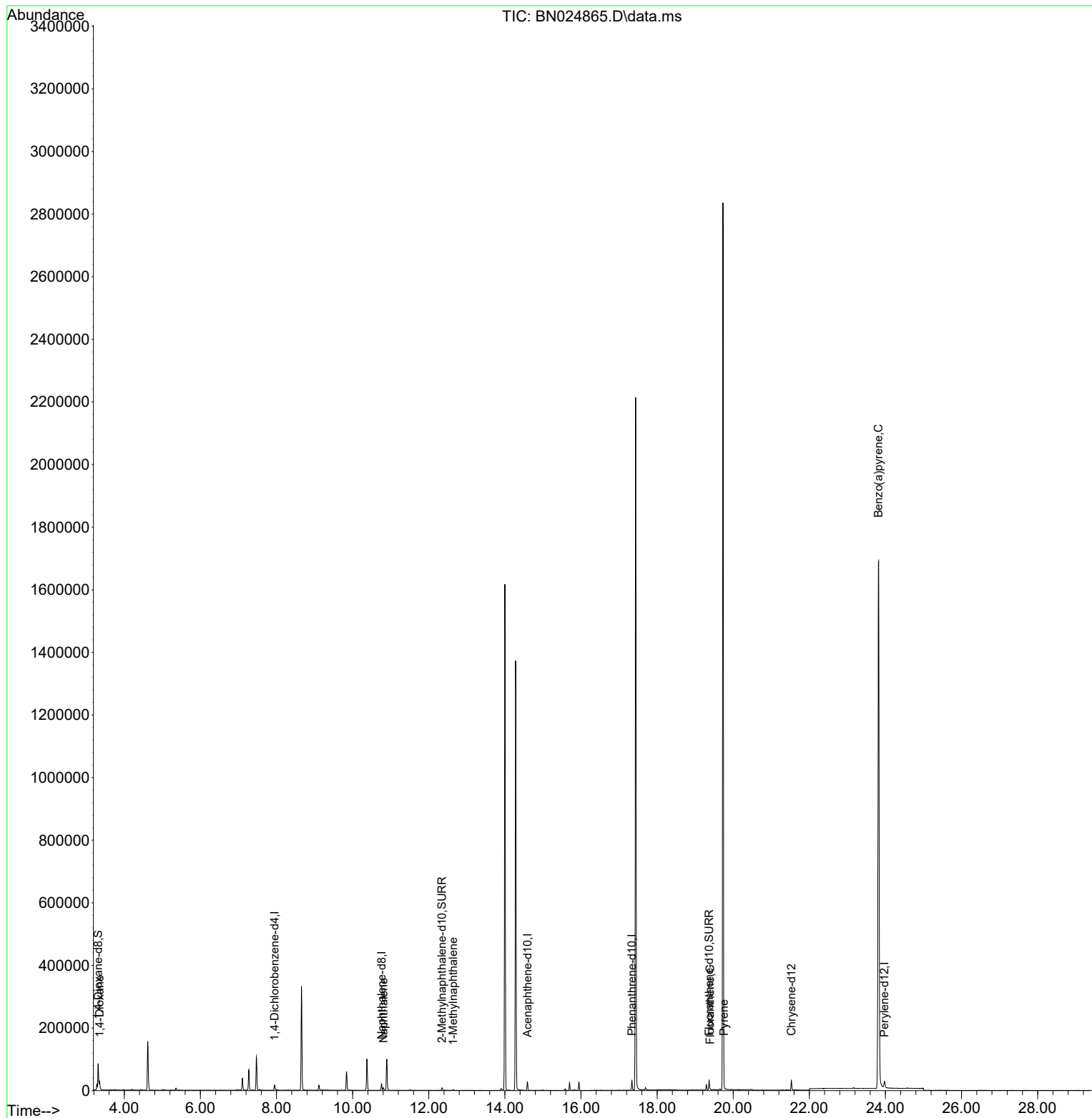
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	25390	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	14681	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	33315	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	28702	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	29516	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	54100	5.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	10598	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	30971	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	14129	1.410	ng/ul	95
5) Naphthalene	10.809	128	11649	0.180	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	1856	0.044	ng/ul	99
19) Fluoranthene	19.395	202	2975	0.030	ng/ul#	80
20) Pyrene	19.758	202	2422	0.024	ng/ul#	72
26) Benzo(a)pyrene	23.817	252	9738	0.099	ng/ul#	56

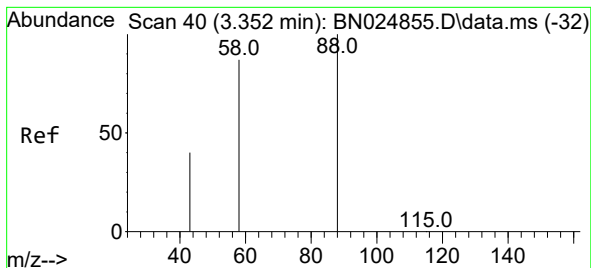
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.410 ng/ul

RT: 3.352 min Scan# 40

Delta R.T. 0.000 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

Instrument :

BNA_N

ClientSampleId :

BHDZ3

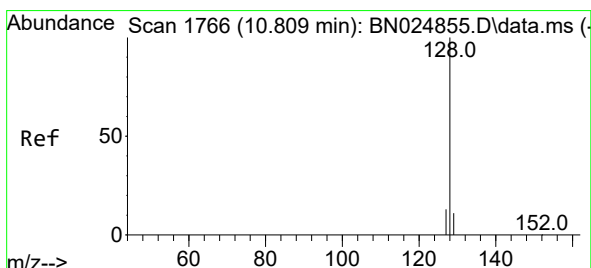
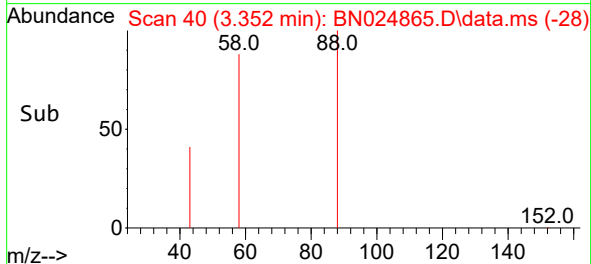
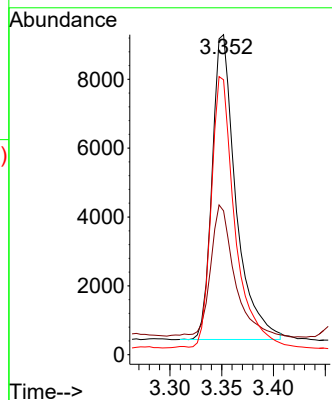
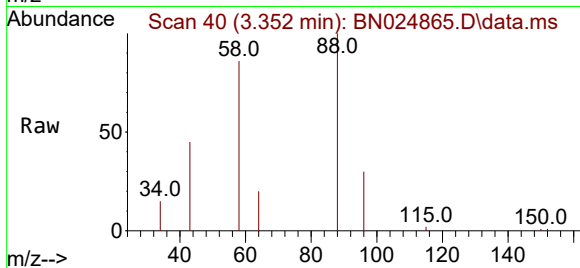
Tgt Ion: 88 Resp: 14129

Ion Ratio Lower Upper

88 100

43 44.9 39.1 58.7

58 85.9 65.7 98.5



#5

Naphthalene

Concen: 0.180 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. 0.001 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

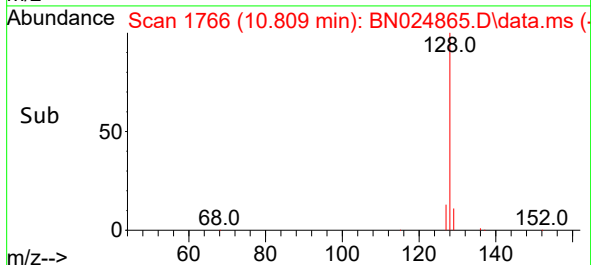
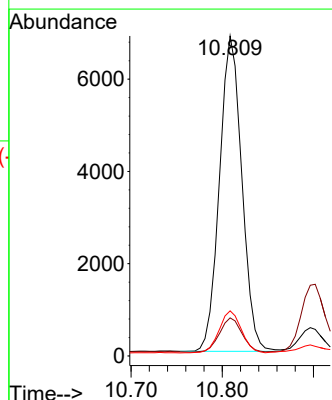
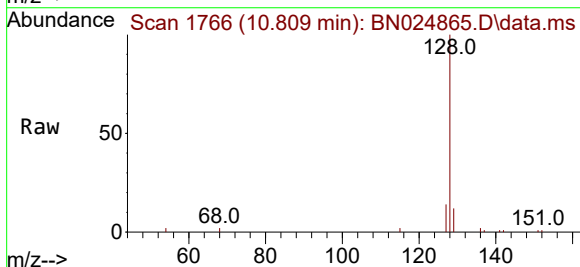
Tgt Ion: 128 Resp: 11649

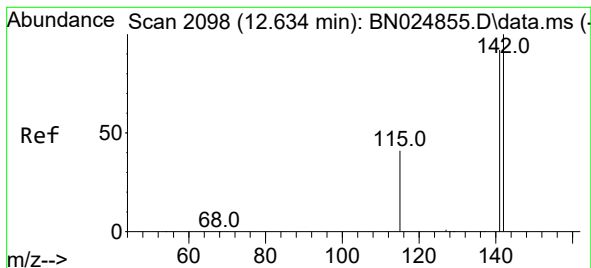
Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

127 14.1 10.5 15.7





#8

1-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.640 min Scan# 2098

Delta R.T. 0.001 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

Instrument :

BNA_N

ClientSampleId :

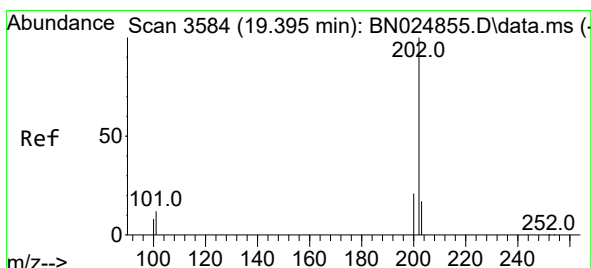
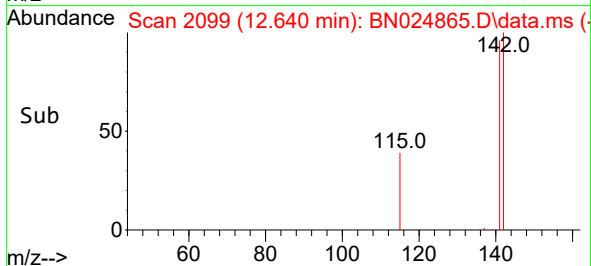
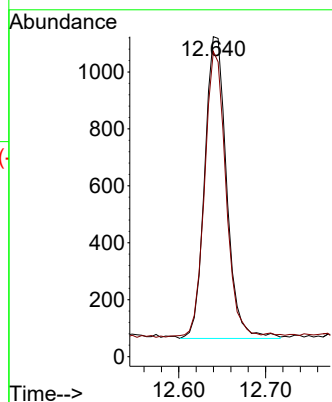
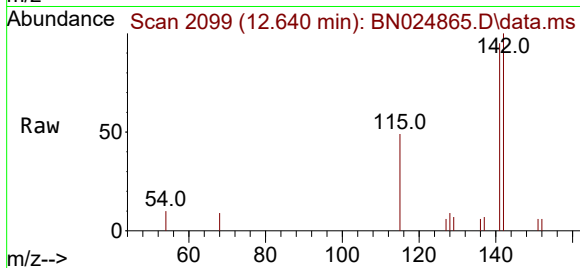
BHDZ3

Tgt Ion:142 Resp: 1856

Ion Ratio Lower Upper

142 100

141 91.8 74.0 111.0



#19

Fluoranthene

Concen: 0.030 ng/ul

RT: 19.395 min Scan# 3584

Delta R.T. 0.001 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

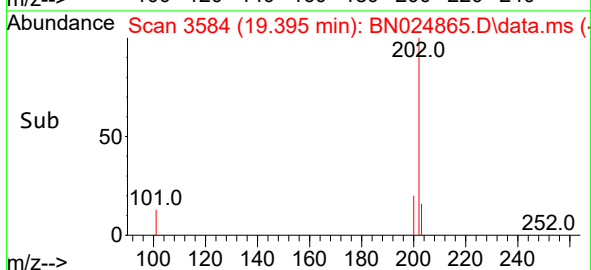
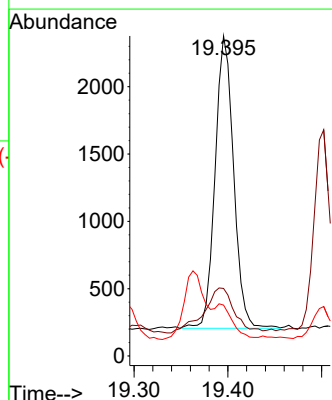
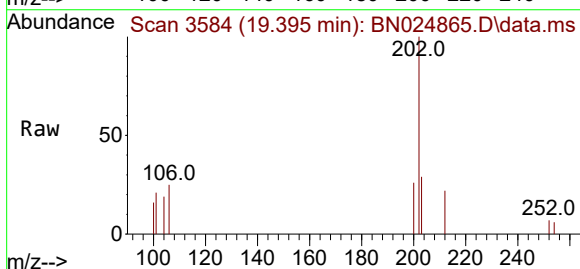
Tgt Ion:202 Resp: 2975

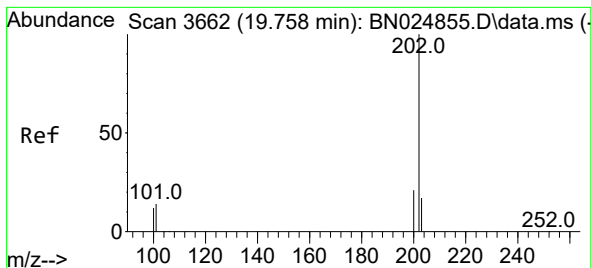
Ion Ratio Lower Upper

202 100

101 21.1 10.0 15.0#

100 15.9 7.5 11.3#





#20

Pyrene

Concen: 0.024 ng/ul

RT: 19.758 min Scan# 3662

Delta R.T. -0.004 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

Instrument :

BNA_N

ClientSampleId :

BHDZ3

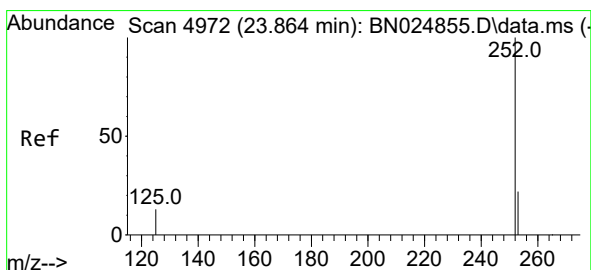
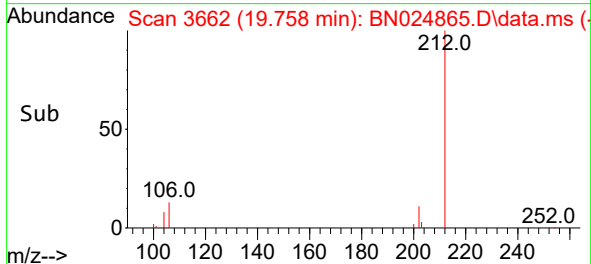
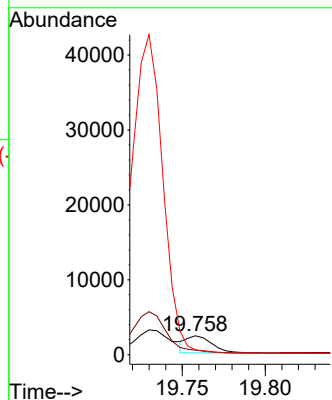
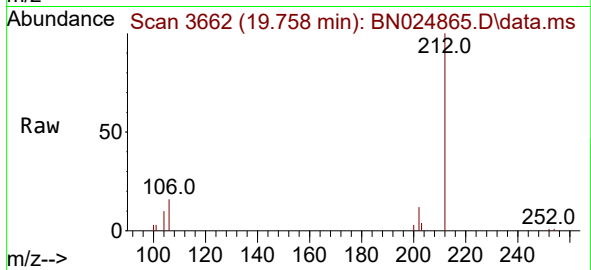
Tgt Ion:202 Resp: 2422

Ion Ratio Lower Upper

202 100

101 23.4 11.8 17.8#

100 26.4 9.5 14.3#



#26

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.817 min Scan# 4956

Delta R.T. -0.052 min

Lab File: BN024865.D

Acq: 13 Apr 2023 17:48

Tgt Ion:252 Resp: 9738

Ion Ratio Lower Upper

252 100

253 47.0 20.7 31.1#

125 41.8 15.9 23.9#

