

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
Data File : BN024871.D
Acq On : 13 Apr 2023 21:34
Operator : CG/JU
Sample : SF6183
Misc : SFAM SIM SURROGATES
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6183

Quant Time: Apr 14 02:21:47 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)

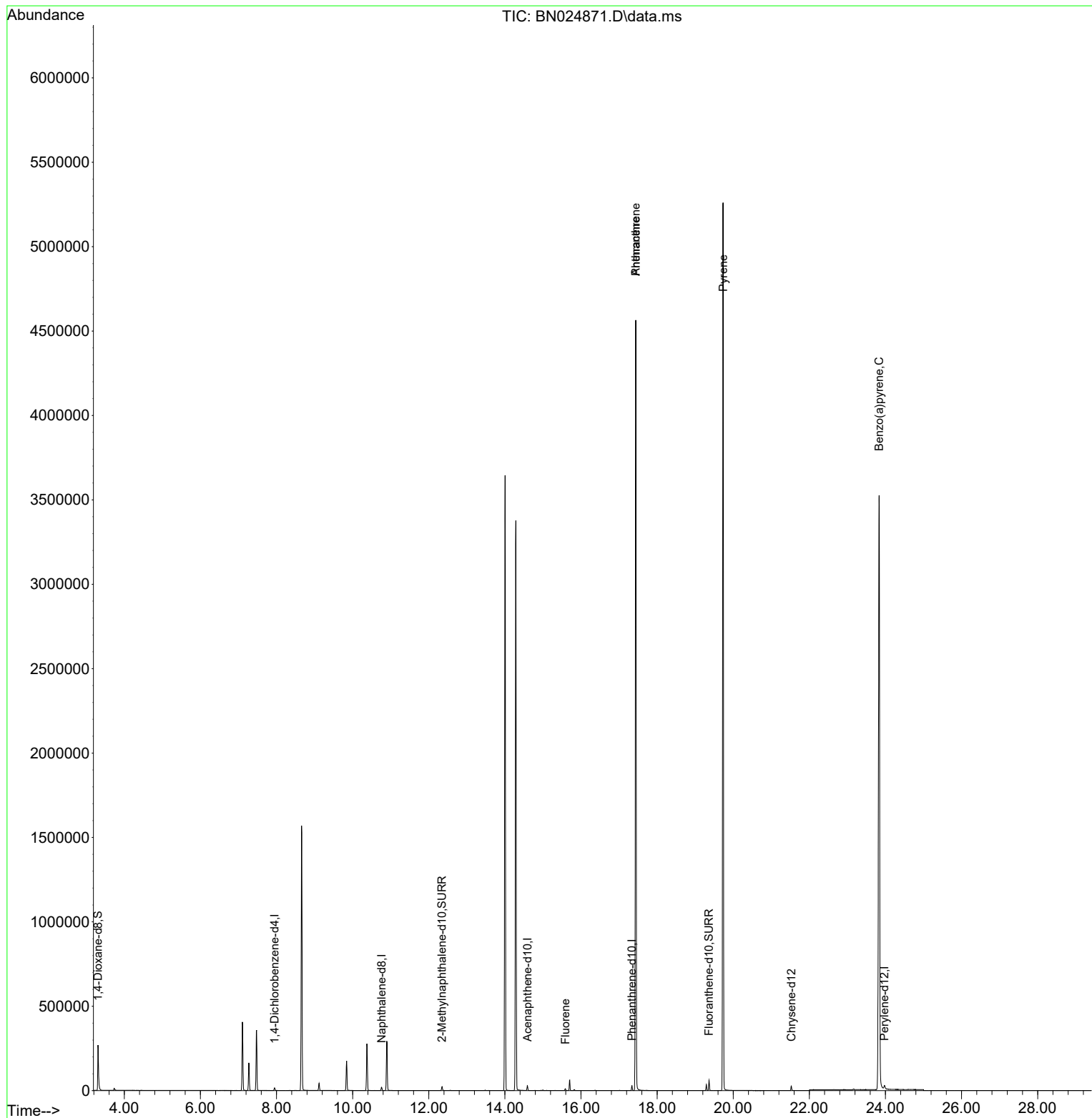
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	25148	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	32570	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	25795	0.400	ng/ul	0.00
23) Perylene-d12	23.972	264	29875	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	160411	18.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	29794	0.923	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	64536	1.007	ng/ul	0.00
Target Compounds				Qvalue		
12) Fluorene	15.588	166	9657	0.172	ng/ul#	10
15) Phenanthrene	17.440	178	2360	0.026	ng/ul#	1
16) Anthracene	17.440	178	2328	0.031	ng/ul#	1
20) Pyrene	19.735	202	8532	0.094	ng/ul#	1
26) Benzo(a)pyrene	23.835	252	21460	0.216	ng/ul#	76

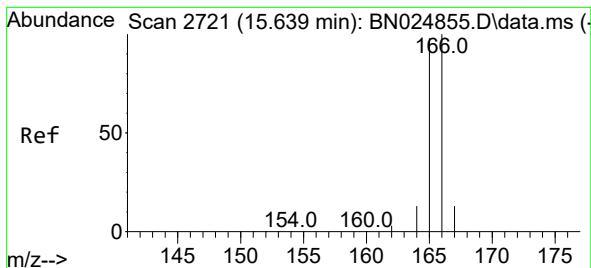
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Fluorene

Concen: 0.172 ng/ul

RT: 15.588 min Scan# 21

Delta R.T. -0.050 min

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ClientSampleId :

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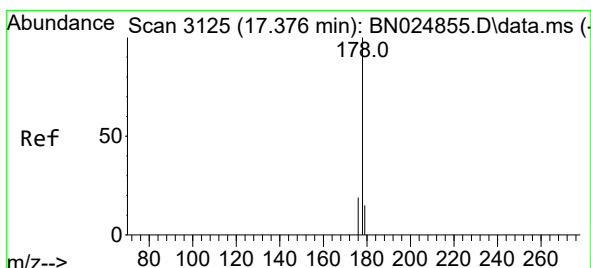
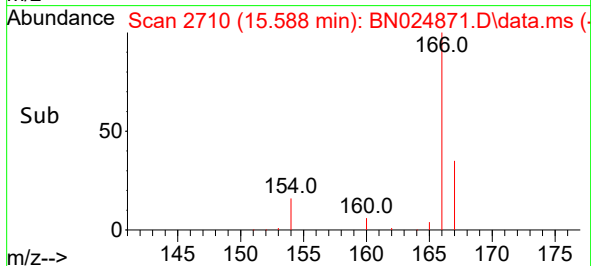
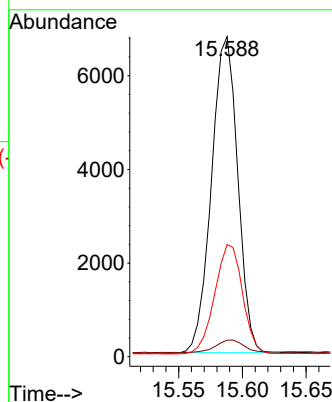
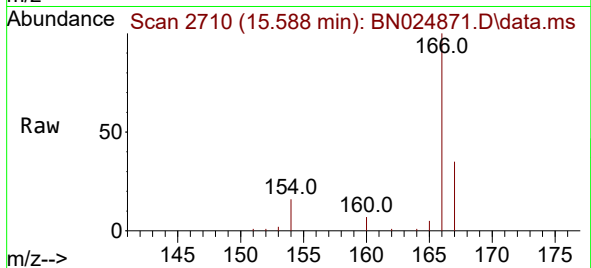
Tgt Ion:166 Resp: 9657

Ion Ratio Lower Upper

166 100

165 5.1 80.1 120.1#

167 35.0 10.7 16.1#



#15

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.440 min Scan# 3140

Delta R.T. 0.060 min

Lab File: BN024871.D

Acq: 13 Apr 2023 21:34

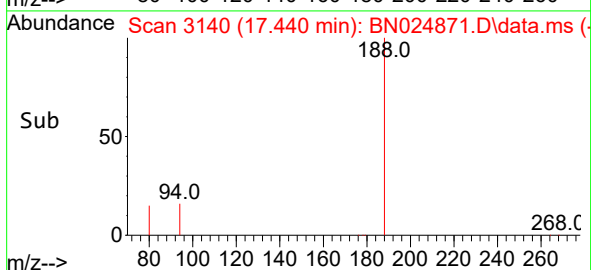
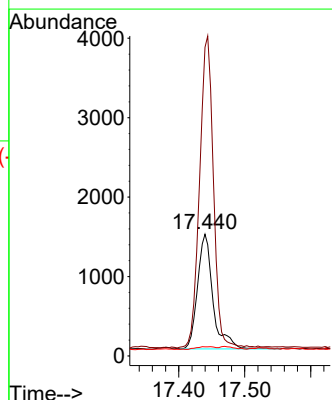
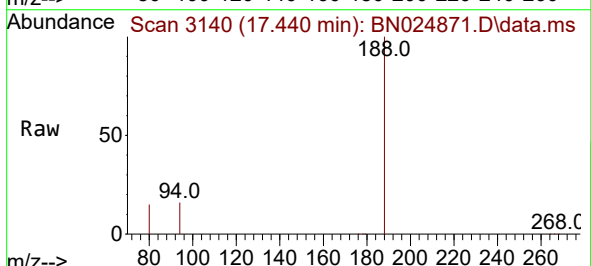
Tgt Ion:178 Resp: 2360

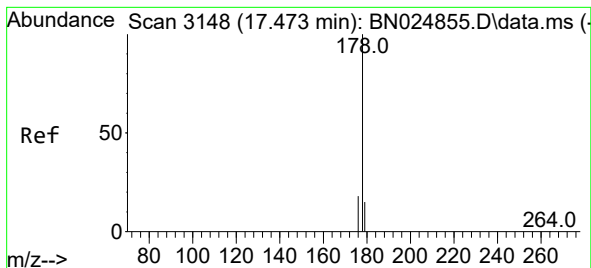
Ion Ratio Lower Upper

178 100

179 253.3 12.3 18.5#

176 7.4 15.4 23.0#





#16

Anthracene

Concen: 0.031 ng/ul

RT: 17.440 min Scan# 3148

Delta R.T. -0.033 min

Lab File: BN024871.D

Acq: 13 Apr 2023 21:34

Instrument :

BNA_N

ClientSampleId :

SP6183

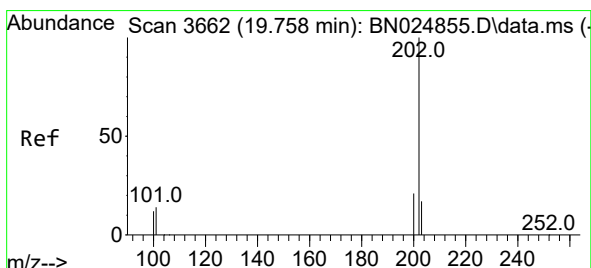
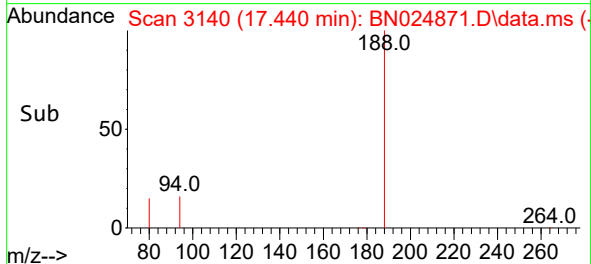
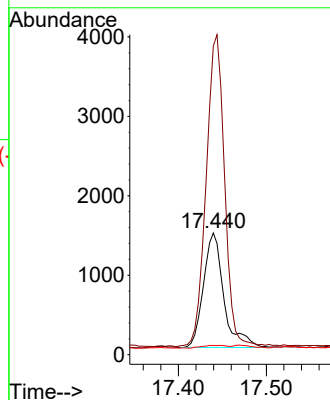
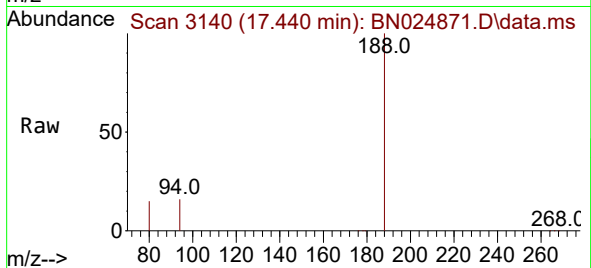
Tgt Ion:178 Resp: 2328

Ion Ratio Lower Upper

178 100

179 253.3 12.4 18.6#

176 7.4 14.7 22.1#



#20

Pyrene

Concen: 0.094 ng/ul

RT: 19.735 min Scan# 3657

Delta R.T. -0.027 min

Lab File: BN024871.D

Acq: 13 Apr 2023 21:34

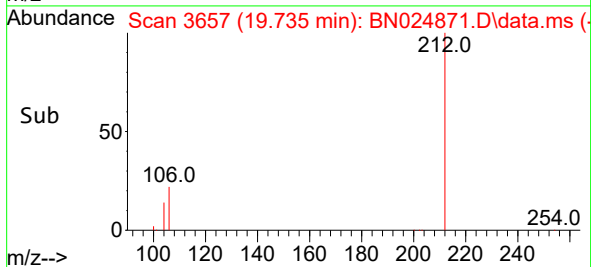
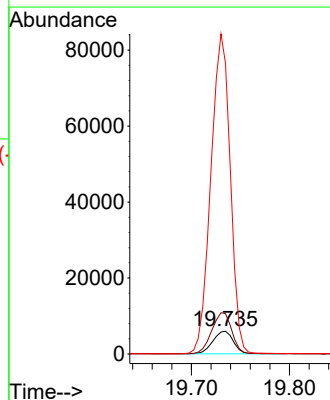
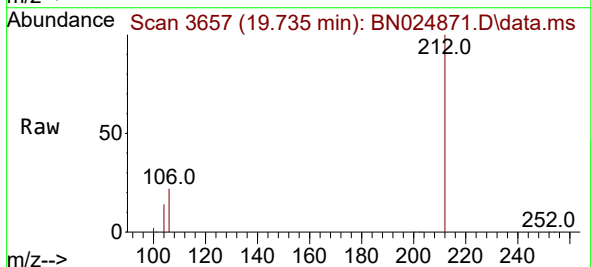
Tgt Ion:202 Resp: 8532

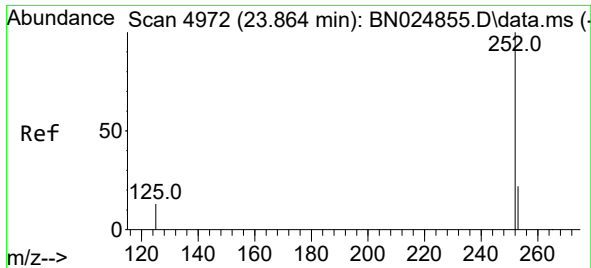
Ion Ratio Lower Upper

202 100

101 177.2 11.8 17.8#

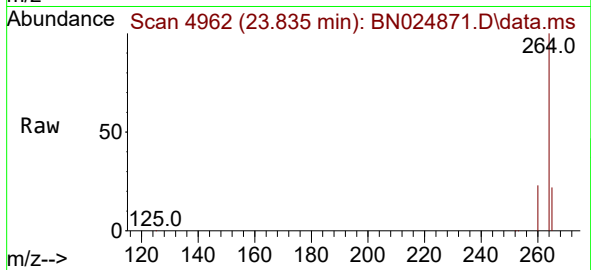
100 1277.8 9.5 14.3#





#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.835 min Scan# 4962
Delta R.T. -0.034 min
Lab File: BN024871.D
Acq: 13 Apr 2023 21:34

Instrument :
BNA_N
ClientSampleId :
SP6183



Tgt Ion:252 Resp: 21460
Ion Ratio Lower Upper
252 100
253 36.5 20.7 31.1#
125 32.5 15.9 23.9#

