

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026550.D
 Acq On : 17 Jul 2023 23:21
 Operator : MA/JU
 Sample : 03458-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M2

Quant Time: Jul 18 04:23:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3954	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	12295	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	7900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	17336	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	12063	0.400	ng/ul	# 0.00
23) Perylene-d12	23.923	264	9810	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	9939	1.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	2287	0.137	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	5834	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	906	0.184	ng/ul#	1
5) Naphthalene	10.798	128	3960	0.117	ng/ul#	93
15) Phenanthrene	17.364	178	2092	0.038	ng/ul#	84
19) Fluoranthene	19.382	202	7875	0.139	ng/ul	97
20) Pyrene	19.744	202	6312	0.103	ng/ul#	94
21) Benzo(a)anthracene	21.497	228	3227	0.073	ng/ul#	90
22) Chrysene	21.549	228	2835	0.056	ng/ul#	90
24) Benzo(b)fluoranthene	23.189	252	5466	0.143	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	26.440	276	1227	0.028	ng/ul#	82

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

BNA N

ClientSampleId :

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Abundance

TIC: BN026550.D\data.ms

Time-->

1,4-Dichlorobenzene-d4.I

Naphthalene-d8.I

2-Methylnaphthalene-d10.SUPR

Acenaphthene-d10.I

Phenanthrene-d10.I

Fluoranthene-d10.SUPR

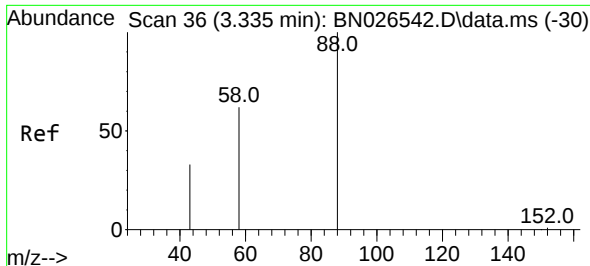
Pyrene

Benzo(a)anthracene-d12.I

Benzo(b)fluoranthene

Indeno(1,2,3-cd)pyrene

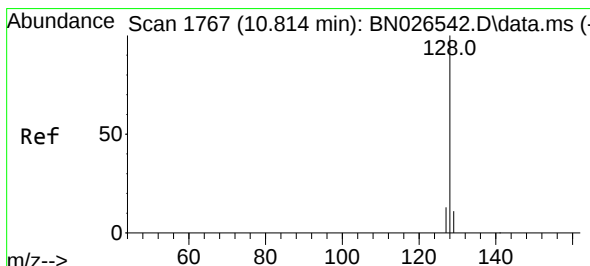
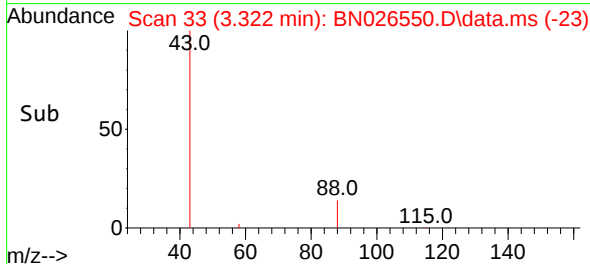
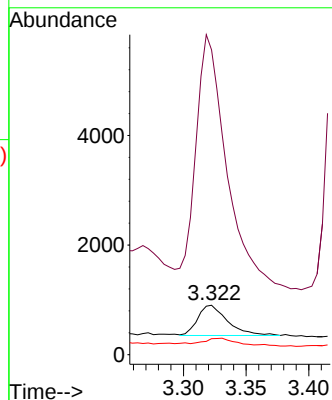
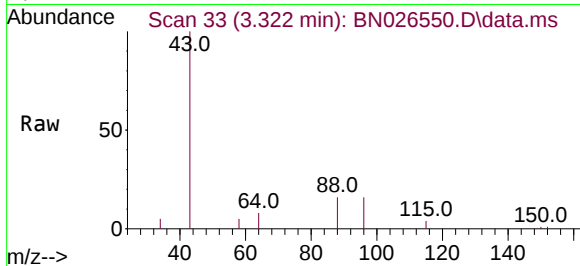
Perylene-d12.I



#2
 1,4-Dioxane
 Concen: 0.184 ng/ul
 RT: 3.322 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026550.D
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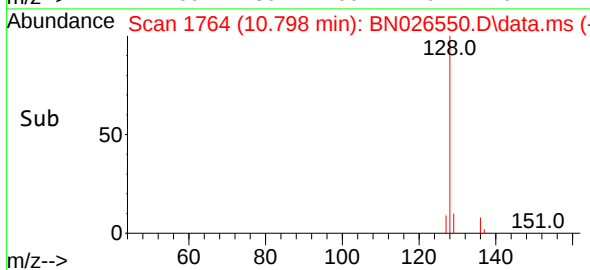
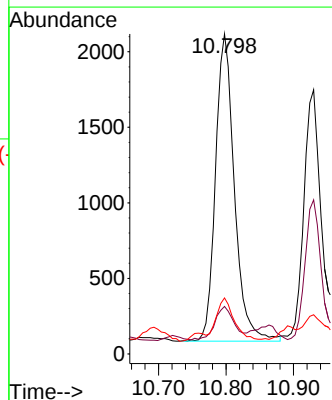
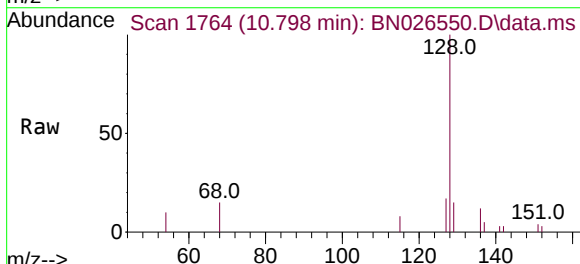
Instrument :
 BNA_N
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 A46M2

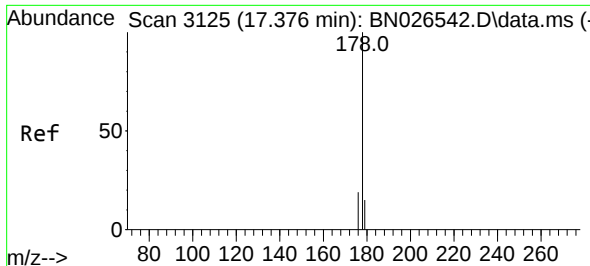
Tgt Ion: 88 Resp: 906
 Ion Ratio Lower Upper
 88 100
 43 616.6 33.0 49.6#
 58 32.5 41.7 62.5#



#5
 Naphthalene
 Concen: 0.117 ng/ul
 RT: 10.798 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN026550.D
 Acq: 17 Jul 2023 23:21

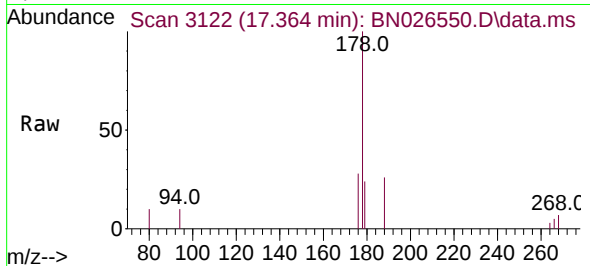
Tgt Ion: 128 Resp: 3960
 Ion Ratio Lower Upper
 128 100
 129 14.8 10.2 15.2
 127 17.5 11.4 17.0#



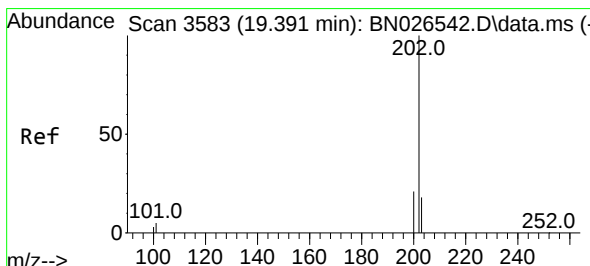
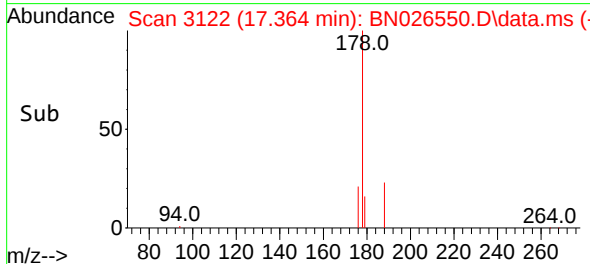
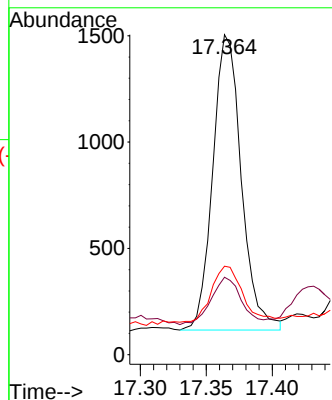


#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.364 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026550.D
Acq: 17 Jul 2023 23:21

Instrument :
BNA_N
ClientSampleId :
A46M2

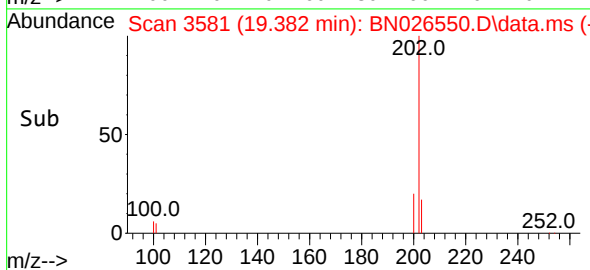
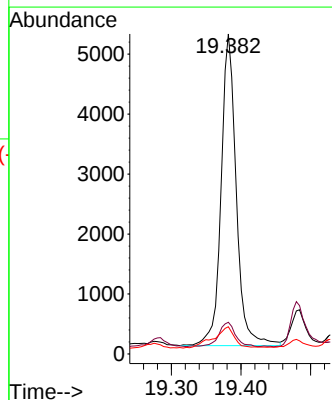
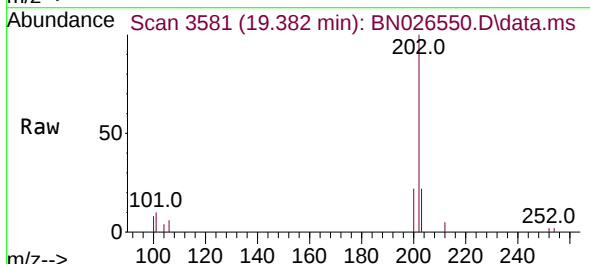


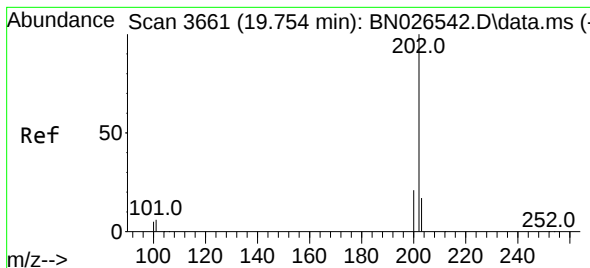
Tgt Ion:178 Resp: 2092
Ion Ratio Lower Upper
178 100
179 24.2 13.7 20.5#
176 27.6 16.5 24.7#



#19
Fluoranthene
Concen: 0.139 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026550.D
Acq: 17 Jul 2023 23:21

Tgt Ion:202 Resp: 7875
Ion Ratio Lower Upper
202 100
101 9.9 7.0 10.4
100 8.5 6.0 9.0





#20

Pyrene

Concen: 0.103 ng/ul

RT: 19.744 min Scan# 3661

Delta R.T. -0.005 min

Lab File: BN026550.D

Acq: 17 Jul 2023 23:21

Instrument :

BNA_N

ClientSampleId :

A46M2

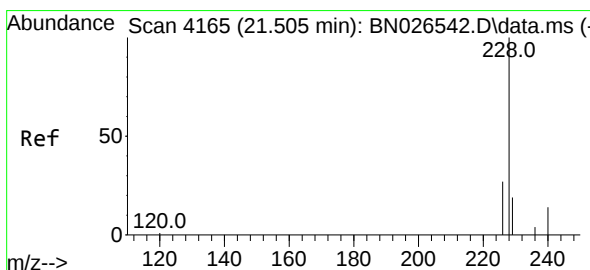
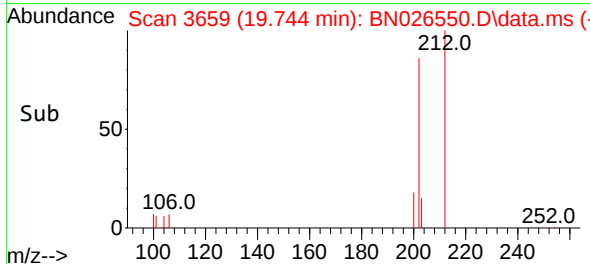
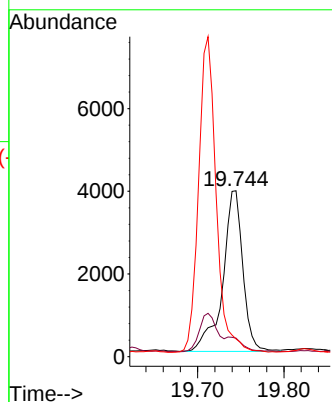
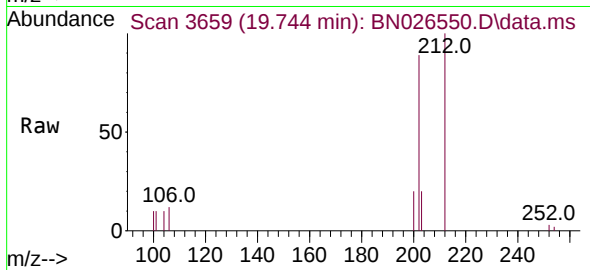
Tgt Ion:202 Resp: 6312

Ion Ratio Lower Upper

202 100

101 11.2 8.0 12.0

100 10.7 6.2 9.2#



#21

Benzo(a)anthracene

Concen: 0.073 ng/ul

RT: 21.497 min Scan# 4162

Delta R.T. -0.006 min

Lab File: BN026550.D

Acq: 17 Jul 2023 23:21

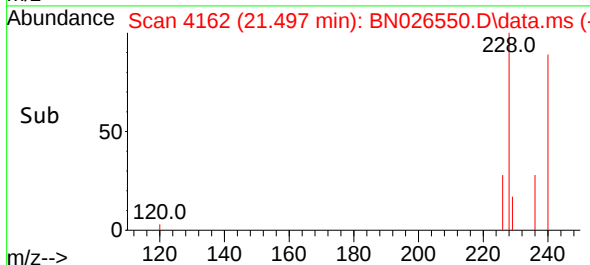
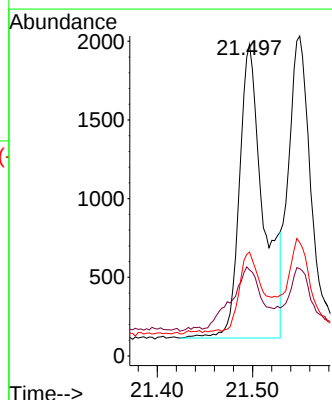
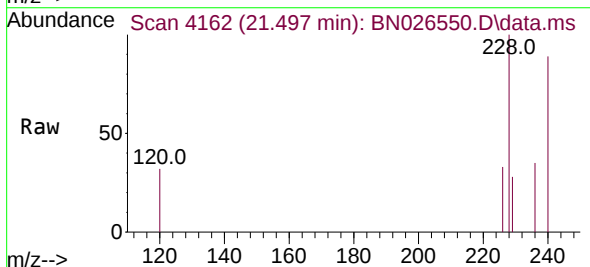
Tgt Ion:228 Resp: 3227

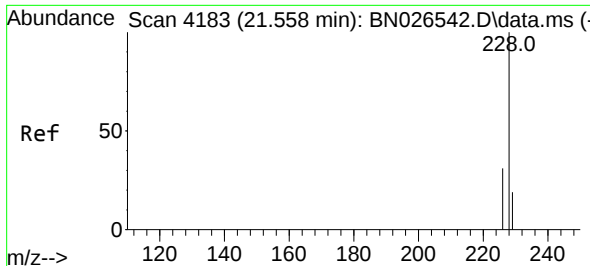
Ion Ratio Lower Upper

228 100

229 27.6 16.7 25.1#

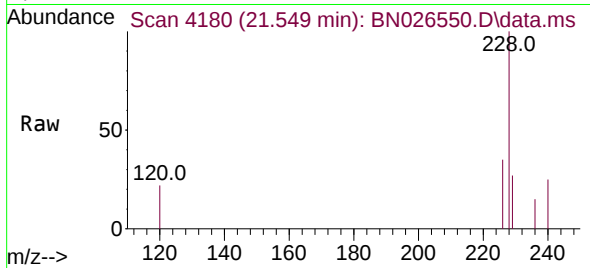
226 33.3 23.5 35.3



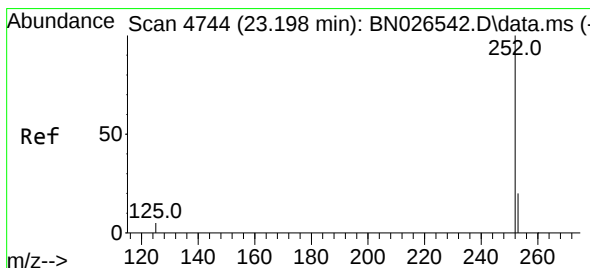
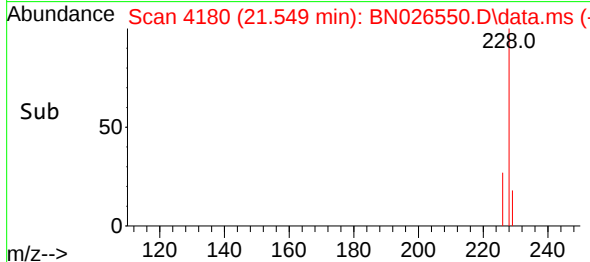
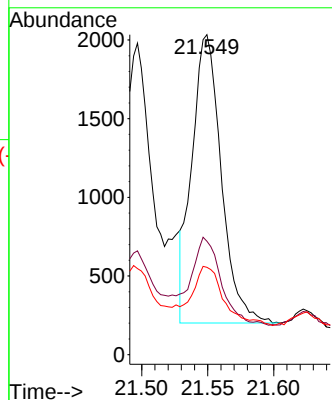


#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.009 min
Lab File: BN026550.D
Acq: 17 Jul 2023 23:21

Instrument :
BNA_N
ClientSampleId :
A46M2

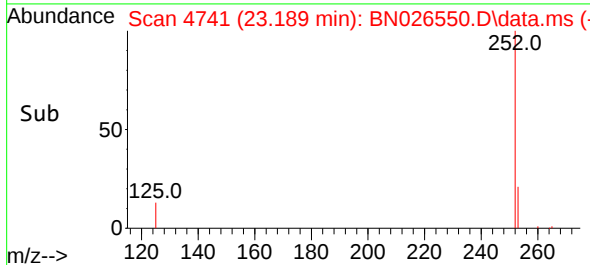
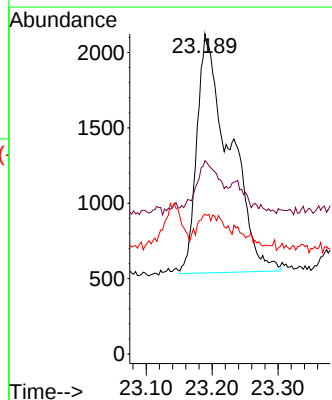
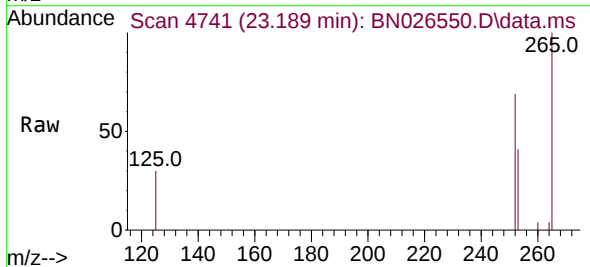


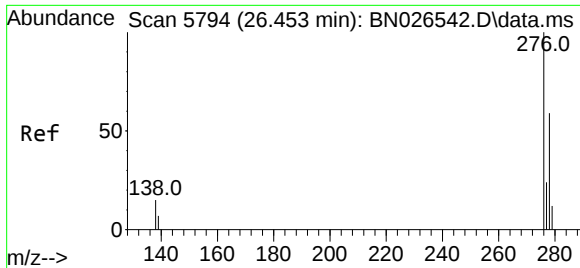
Tgt Ion:228 Resp: 2835
Ion Ratio Lower Upper
228 100
226 35.4 25.2 37.8
229 27.3 16.4 24.6#



#24
Benzo(b)fluoranthene
Concen: 0.143 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BN026550.D
Acq: 17 Jul 2023 23:21

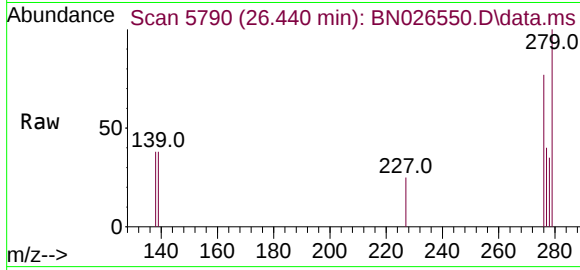
Tgt Ion:252 Resp: 5466
Ion Ratio Lower Upper
252 100
253 60.4 0.0 68.6
125 43.7 0.0 34.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 26.440 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN026550.D
Acq: 17 Jul 2023 23:21

Instrument :
BNA_N
ClientSampleId :
A46M2



Tgt Ion: 276 Resp: 1227
Ion Ratio Lower Upper
276 100
138 18.3 22.2 33.4#
227 1.5 0.1 0.1#

