

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020455.D
 Acq On : 26 Jun 2022 03:45
 Operator : CG/JU
 Sample : N3400-11
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:44:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	3995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.529	136	14150	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.381	164	23419	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.115	188	19426	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.308	240	14003	0.400	ng/ul	# 0.00
23) Perylene-d12	23.590	264	11222	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	24082	5.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	10586	0.456	ng/ul	0.00
18) Fluoranthene-d10	19.150	212	23160	0.502	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	6271	1.327	ng/ul#	78
5) Naphthalene	10.578	128	1795444	41.104	ng/ul	98
7) 2-Methylnaphthalene	12.195	142	18396	0.629	ng/ul	99
8) 1-Methylnaphthalene	12.415	142	5281	0.191	ng/ul	93
20) Pyrene	19.517	202	3081	0.046	ng/ul#	1
26) Benzo(a)pyrene	23.447	252	4097	0.087	ng/ul#	48

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

BNA N

ClientSampleId :

Abundance

TIC: BN020455.D\data.ms

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

Time-->

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

1,4-Dichlorobenzene-d4.I

Naphthalene-d8.I

Naphthalene

2-Methylnaphthalene-d10.SURR

1-Methylnaphthalene

Acenaphthene-d10.I

Phenanthrene-d10.I

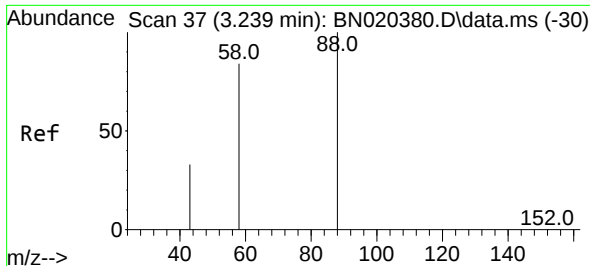
Fluoranthene-d10.SURR

Pyrene

Chrysene-d12

Benzo(a)pyrene.C

Perylene-d12.I



#2

1,4-Dioxane

Concen: 1.327 ng/ul

RT: 3.239 min Scan# 31

Delta R.T. -0.000 min

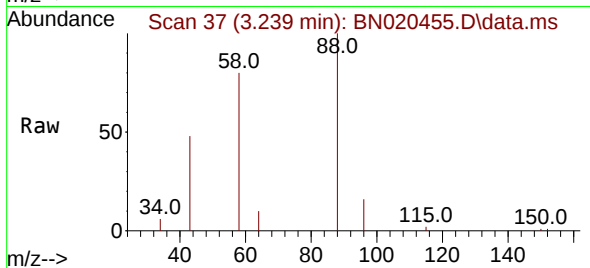
Lab File: BN020455.D

Acq: 26 Jun 2022 03:45

Instrument :

BNA_N

ClientSampleId :



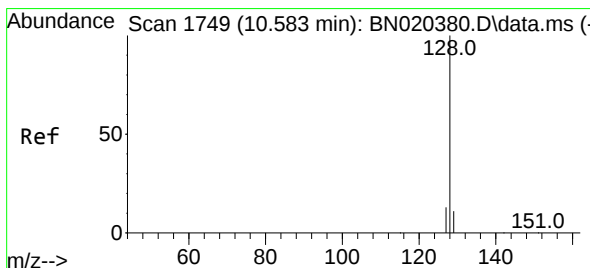
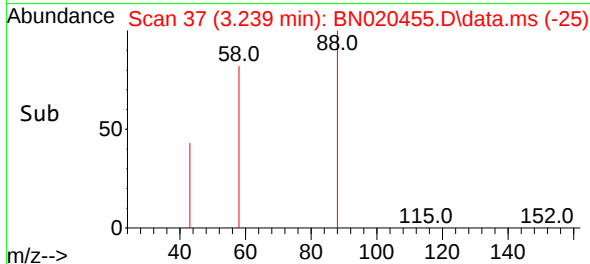
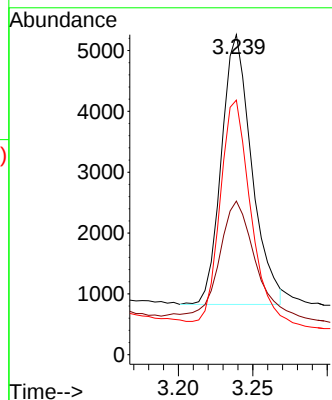
Tgt Ion: 88 Resp: 6271

Ion Ratio Lower Upper

88 100

43 48.0 32.5 48.7

58 79.5 46.2 69.2#



#5

Naphthalene

Concen: 41.104 ng/ul

RT: 10.578 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BN020455.D

Acq: 26 Jun 2022 03:45

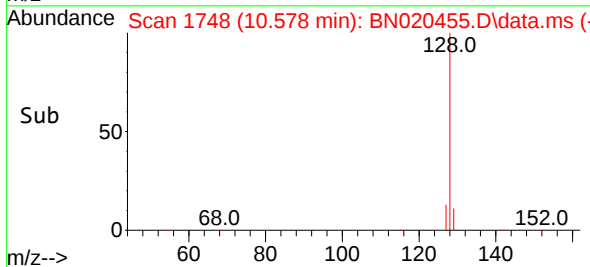
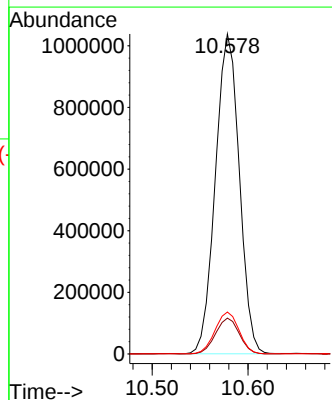
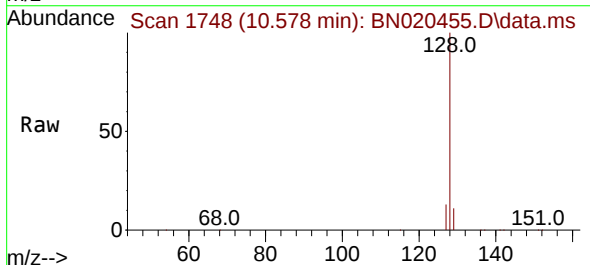
Tgt Ion:128 Resp: 1795444

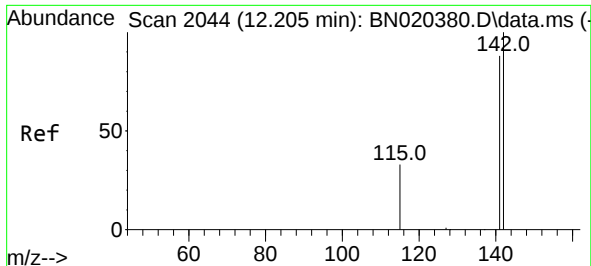
Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

127 13.1 11.3 16.9

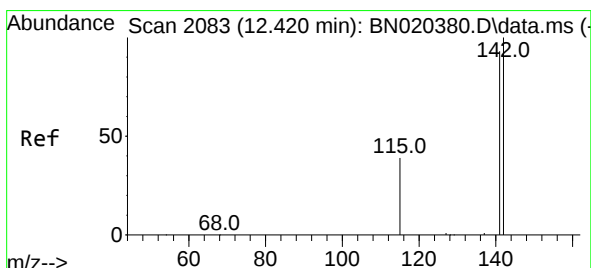
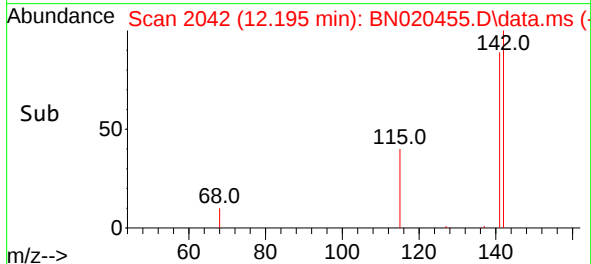
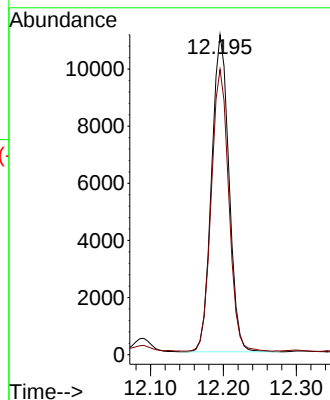
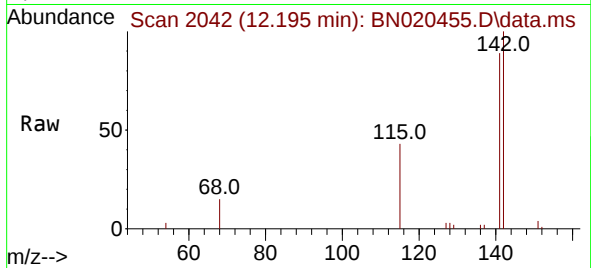




#7
2-Methylnaphthalene
Concen: 0.629 ng/ul
RT: 12.195 min Scan# 2042
Delta R.T. -0.010 min
Lab File: BN020455.D
Acq: 26 Jun 2022 03:45

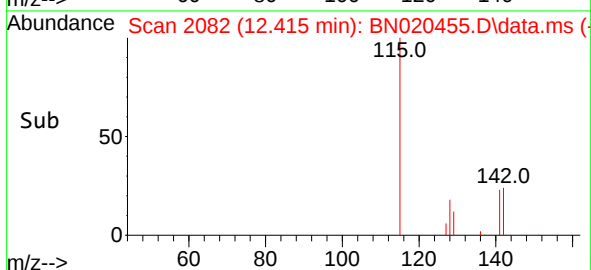
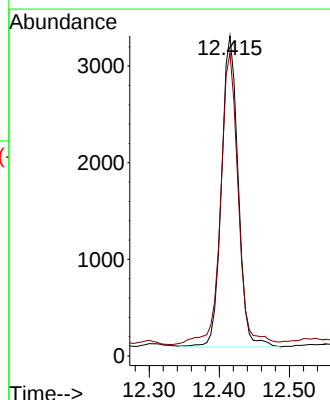
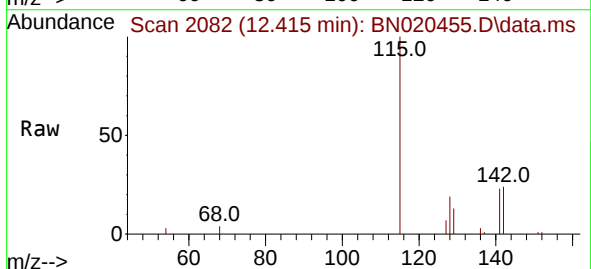
Instrument :
BNA_N
ClientSampleId :

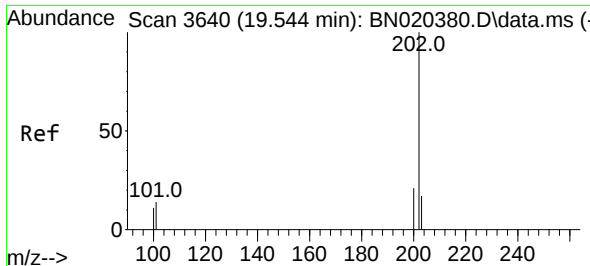
Tgt Ion:142 Resp: 18396
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN020455.D
Acq: 26 Jun 2022 03:45

Tgt Ion:142 Resp: 5281
Ion Ratio Lower Upper
142 100
141 99.1 73.7 110.5

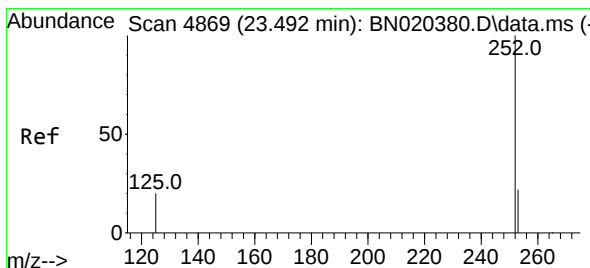
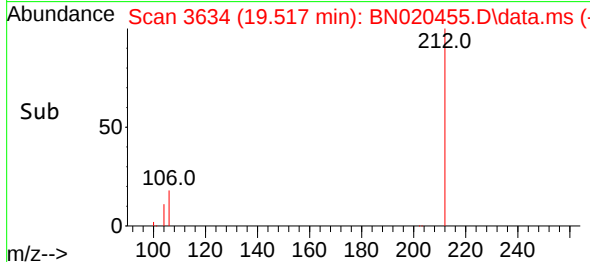
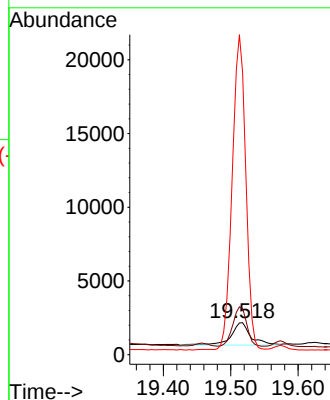
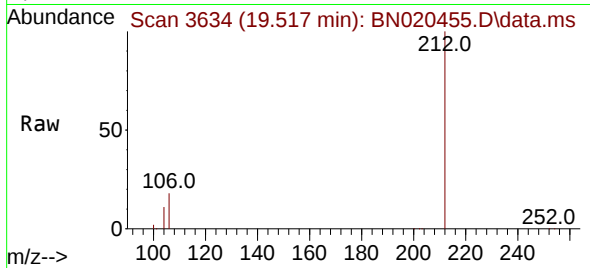




#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.517 min Scan# 3081
Delta R.T. -0.026 min
Lab File: BN020455.D
Acq: 26 Jun 2022 03:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3081
Ion Ratio Lower Upper
202 100
101 144.6 11.6 17.4#
100 880.9 9.2 13.8#



#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.447 min Scan# 4853
Delta R.T. -0.045 min
Lab File: BN020455.D
Acq: 26 Jun 2022 03:45

Tgt Ion:252 Resp: 4097
Ion Ratio Lower Upper
252 100
253 56.7 21.0 31.4#
125 45.2 18.8 28.2#

