

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024446.D
 Acq On : 21 Mar 2023 13:16
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 17:39:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

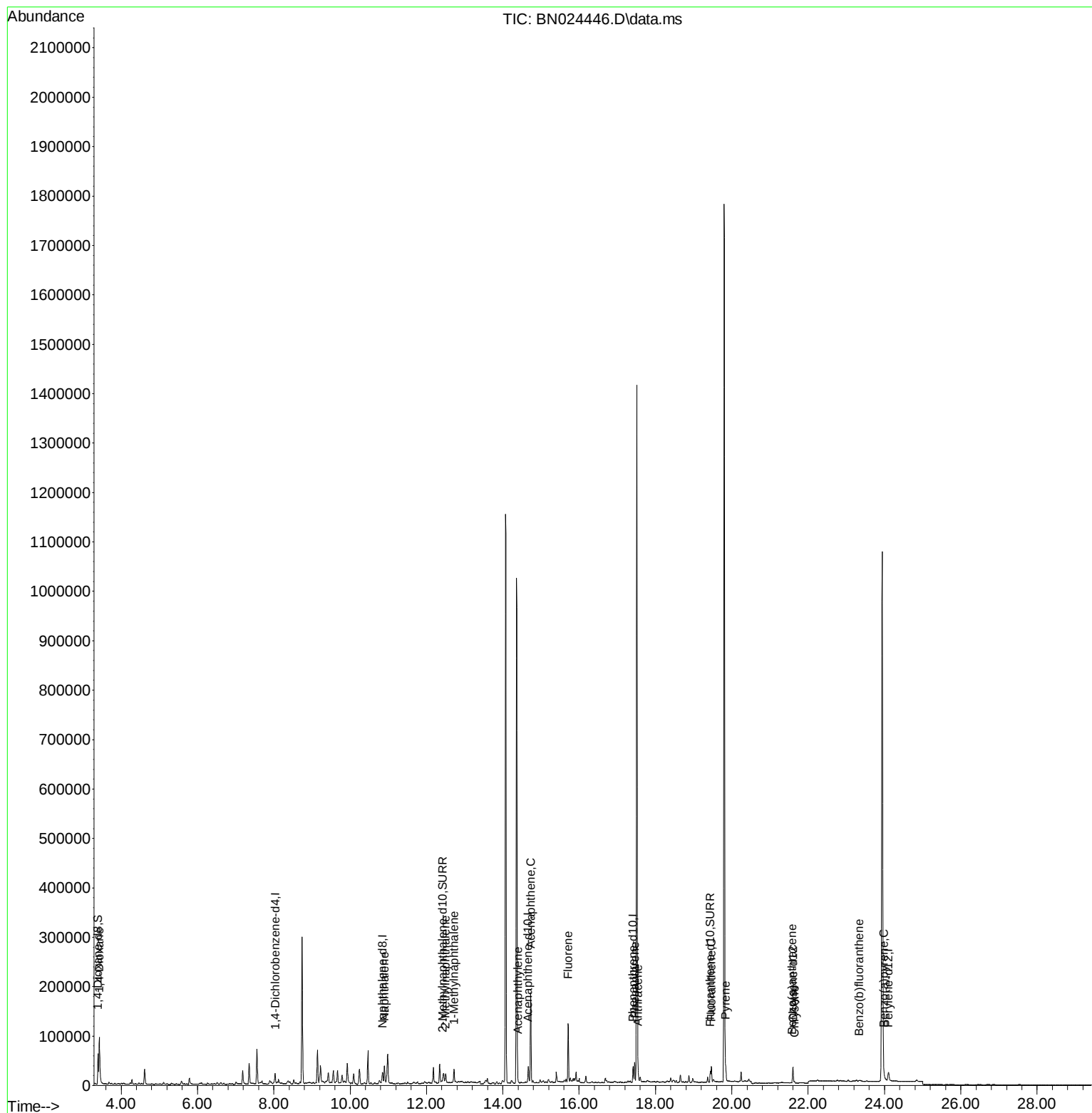
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29373	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	17970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	36318	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	31072	0.400	ng/ul	# 0.00
23) Perylene-d12	24.105	264	28873	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39457	3.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	9040	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	19898	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.426	88	62913	5.542	ng/ul#	85
5) Naphthalene	10.894	128	44023	0.600	ng/ul#	94
7) 2-Methylnaphthalene	12.500	142	12678	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	16997	0.364	ng/ul	98
10) Acenaphthylene	14.393	152	4268	0.057	ng/ul#	38
11) Acenaphthene	14.730	153	103285	1.788	ng/ul	97
12) Fluorene	15.711	166	72262	1.120	ng/ul	98
15) Phenanthrene	17.455	178	41435	0.398	ng/ul	95
16) Anthracene	17.544	178	15715	0.172	ng/ul#	80
19) Fluoranthene	19.464	202	23722	0.192	ng/ul#	74
20) Pyrene	19.831	202	20996	0.167	ng/ul#	63
21) Benzo(a)anthracene	21.583	228	3926	0.039	ng/ul#	67
22) Chrysene	21.641	228	3881	0.036	ng/ul#	64
24) Benzo(b)fluoranthene	23.337	252	5192	0.047	ng/ul#	1
26) Benzo(a)pyrene	23.986	252	2539	0.027	ng/ul#	1

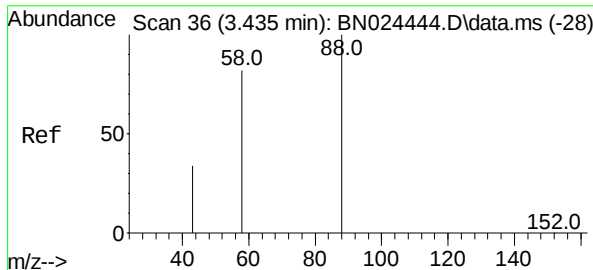
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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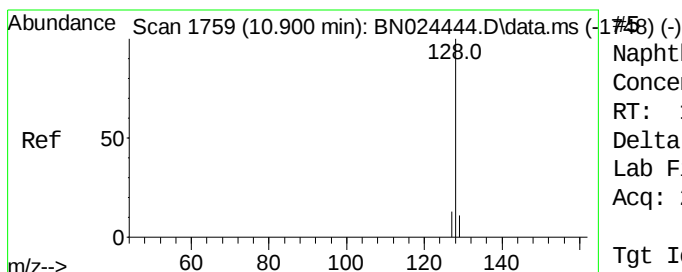
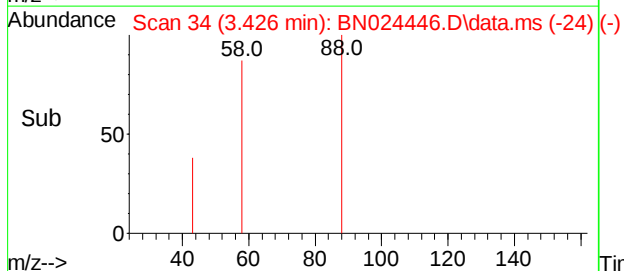
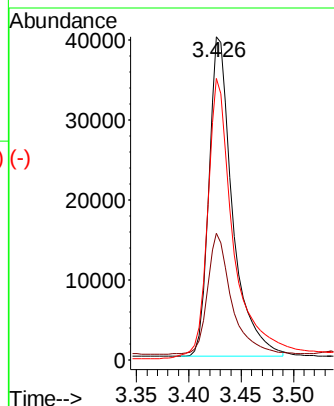
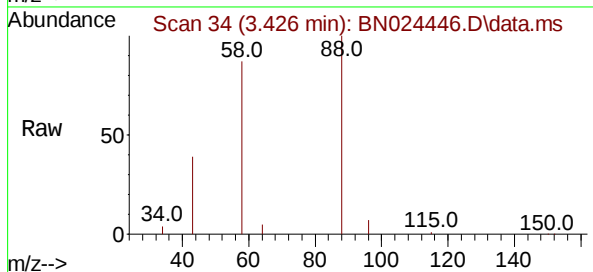




1,4-Dioxane
 Concen: 5.542 ng/ul
 RT: 3.426 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BN024446.D
 Acq: 21 Mar 2023 13:16

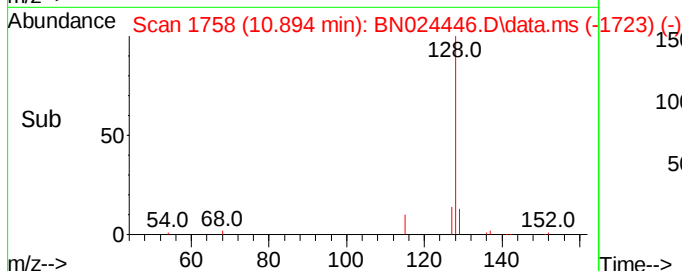
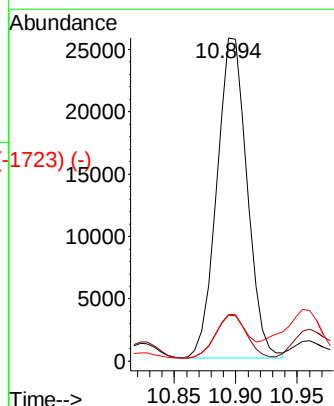
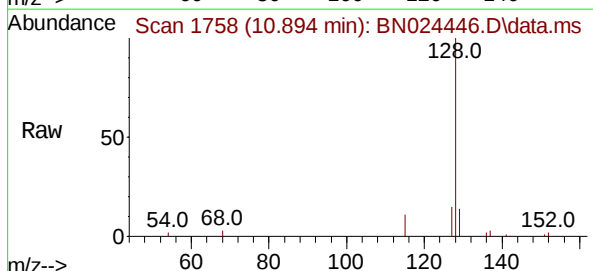
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 88 Resp: 62913
 Ion Ratio Lower Upper
 88 100
 43 39.1 32.1 48.1
 58 87.1 55.1 82.7#



Naphthalene
 Concen: 0.600 ng/ul
 RT: 10.894 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BN024446.D
 Acq: 21 Mar 2023 13:16

Tgt Ion:128 Resp: 44023
 Ion Ratio Lower Upper
 128 100
 129 14.3 9.0 13.6#
 127 14.5 10.5 15.7



Abundance Scan 2050 (12.500 min): BN024444.D\data.ms (-2047) (-)

2-Methylnaphthalene

Concen: 0.285 ng/u1

RT: 12.500 min Scan# 2050

Delta R.T. -0.006 min

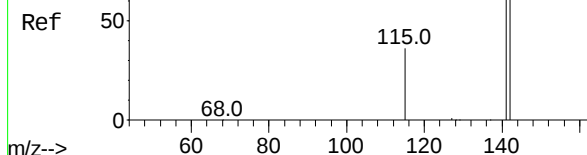
Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

Instrument :

BNA_N

ClientSampleId :

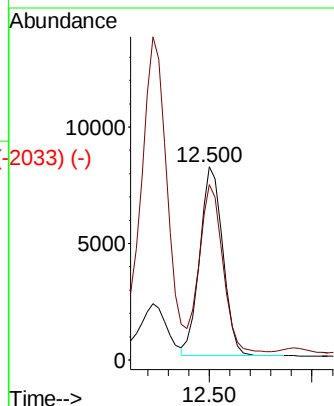
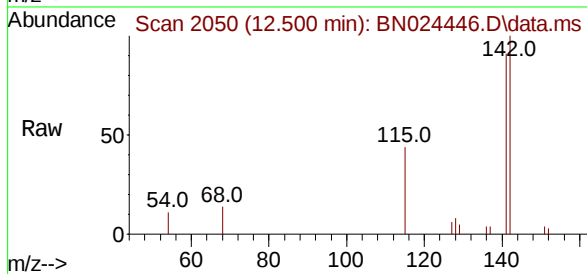


Tgt Ion:142 Resp: 12678

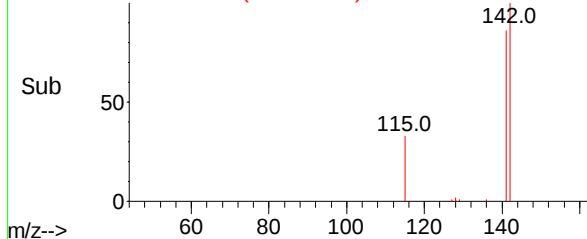
Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5



Abundance Scan 2050 (12.500 min): BN024446.D\data.ms (-2033) (-)



Abundance Scan 2090 (12.720 min): BN024444.D\data.ms (-2082) (-)

1-Methylnaphthalene

Concen: 0.364 ng/u1

RT: 12.720 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BN024446.D

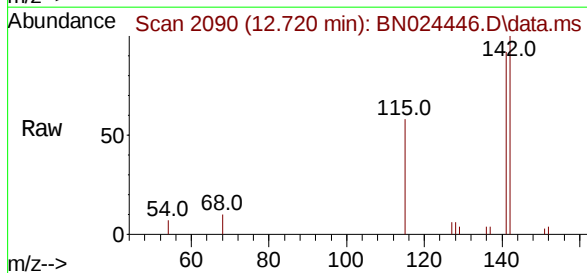
Acq: 21 Mar 2023 13:16

Tgt Ion:142 Resp: 16997

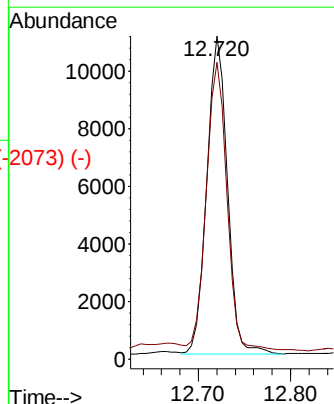
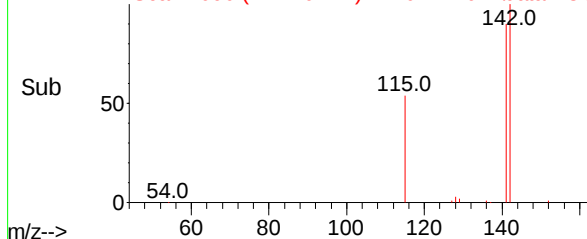
Ion Ratio Lower Upper

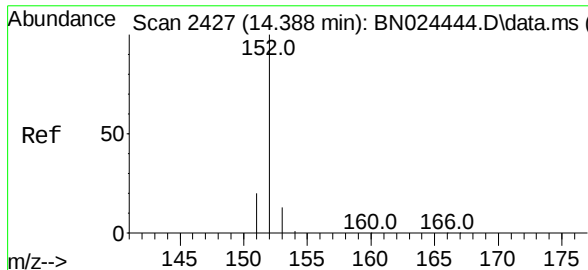
142 100

141 89.6 73.0 109.6



Abundance Scan 2090 (12.720 min): BN024446.D\data.ms (-2073) (-)

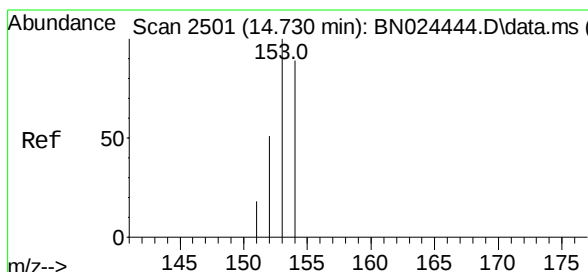
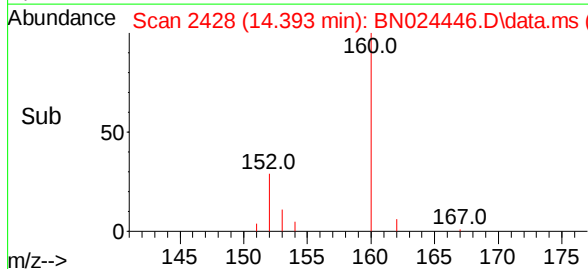
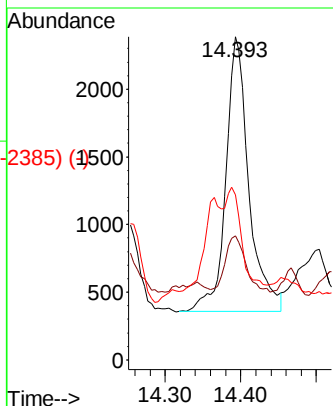
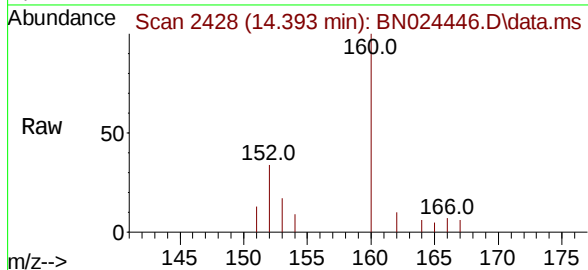




Acenaphthylene
 Concen: 0.057 ng/ul
 RT: 14.393 min Scan# 2428
 Delta R.T. -0.000 min
 Lab File: BN024446.D
 Acq: 21 Mar 2023 13:16

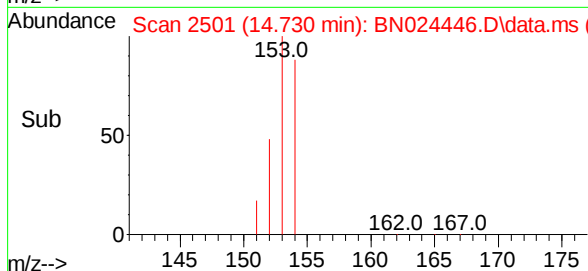
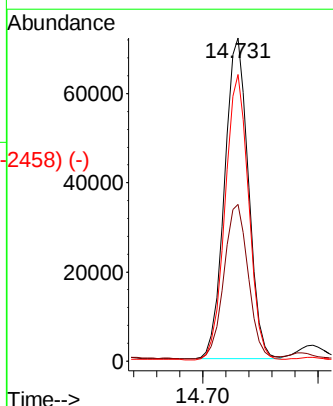
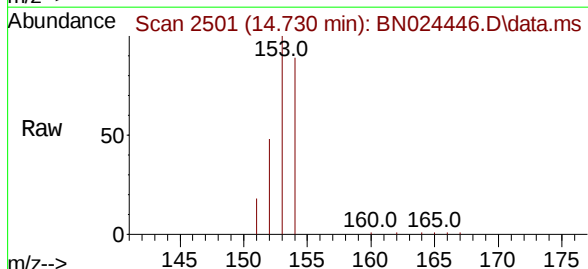
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	152	Resp:	4268
Ion	Ratio	Lower	Upper
152	100		
151	38.4	15.9	23.9#
153	51.0	10.6	16.0#

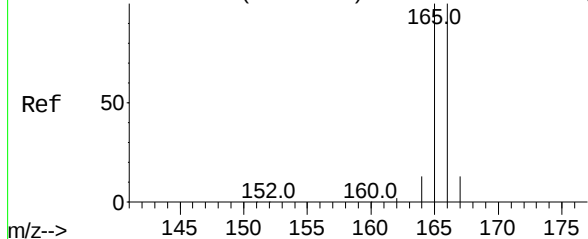


Acenaphthene
 Concen: 1.788 ng/ul
 RT: 14.730 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BN024446.D
 Acq: 21 Mar 2023 13:16

Tgt Ion:	153	Resp:	103285
Ion	Ratio	Lower	Upper
153	100		
152	48.4	42.6	64.0
154	88.8	70.6	105.8

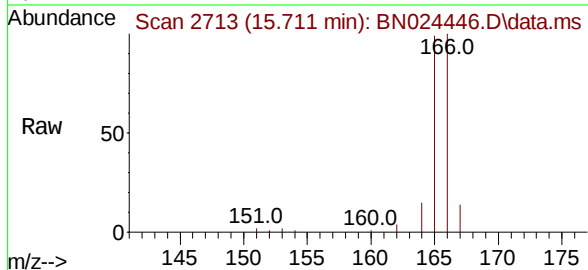


Abundance Scan 2713 (15.711 min): BN024444.D\data.ms (-2713) (-)

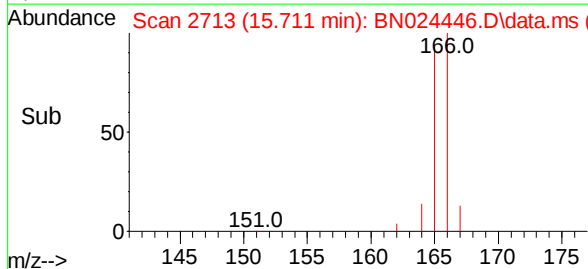
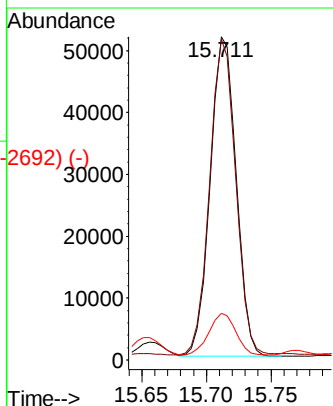


Fluorene
Concen: 1.120 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

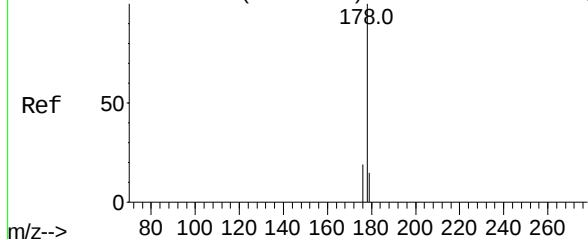
Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	166	Resp:	72262
Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.4	116.0
167	14.5	10.9	16.3

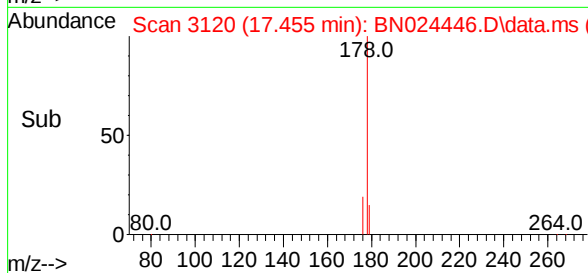
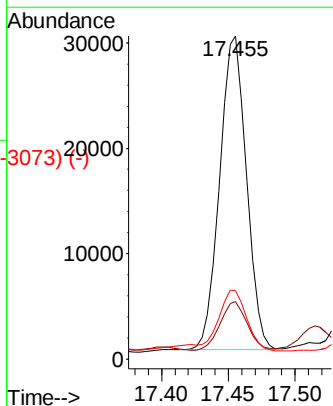
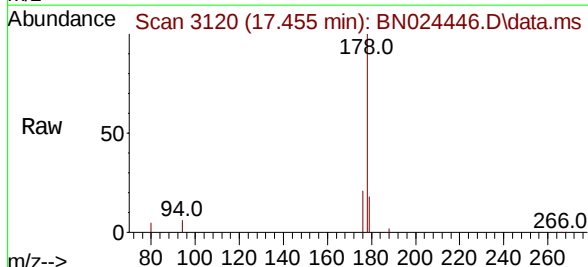


Abundance Scan 3119 (17.451 min): BN024444.D\data.ms (-3119) (-)



Phenanthrene
Concen: 0.398 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

Tgt Ion:	178	Resp:	41435
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.2
176	21.3	15.7	23.5



Abundance Scan 3141 (17.544 min): BN024444.D\data.ms (-3118) (-)

Anthracene

Concen: 0.172 ng/ul

RT: 17.544 min Scan# 3141

Delta R.T. -0.004 min

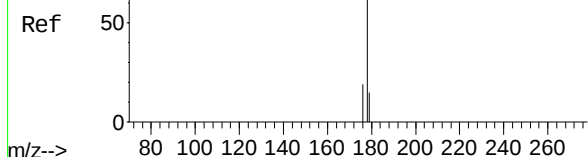
Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

Instrument :

BNA_N

ClientSampleId :



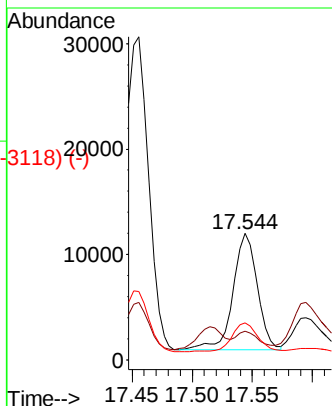
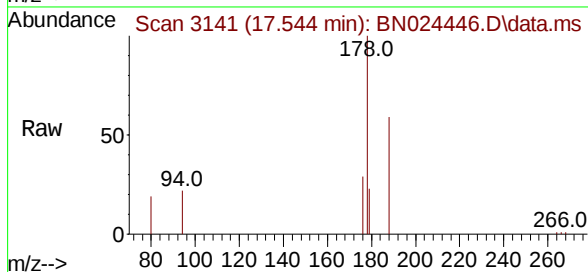
Tgt Ion:178 Resp: 15715

Ion Ratio Lower Upper

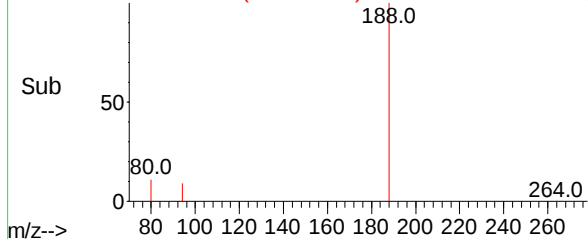
178 100

179 22.7 12.3 18.5#

176 29.4 15.3 22.9#



Abundance Scan 3141 (17.544 min): BN024446.D\data.ms (-3118) (-)



Abundance Scan 3575 (19.464 min): BN024444.D\data.ms (-3555) (-)

Fluoranthene

Concen: 0.192 ng/ul

RT: 19.464 min Scan# 3575

Delta R.T. -0.005 min

Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

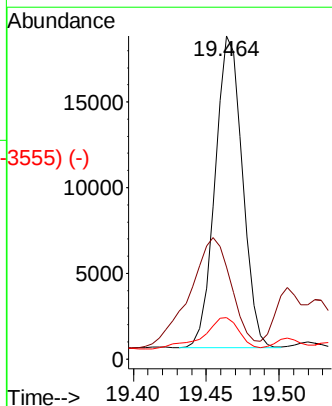
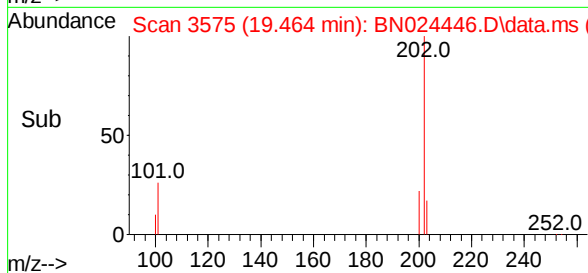
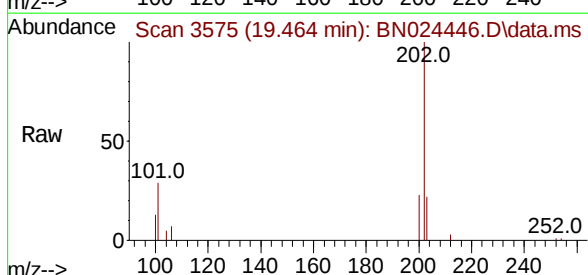
Tgt Ion:202 Resp: 23722

Ion Ratio Lower Upper

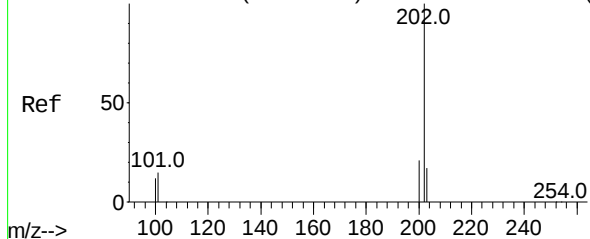
202 100

101 28.6 10.4 15.6#

100 12.9 7.7 11.5#



Abundance Scan 3653 (19.827 min): BN024444.D\data.ms (-3620) (-)



Pyrene

Concen: 0.167 ng/ul

RT: 19.831 min Scan#

Delta R.T. -0.000 min

Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

Instrument :

BNA_N

ClientSampleId :

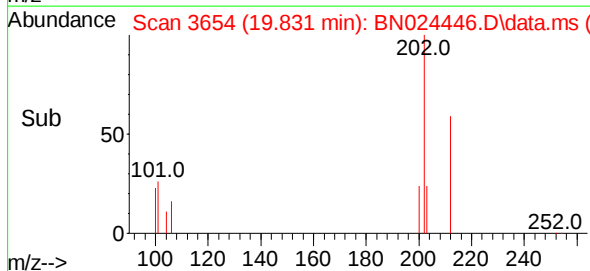
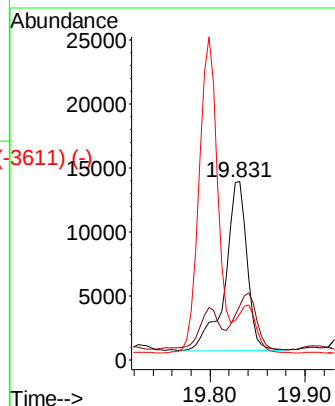
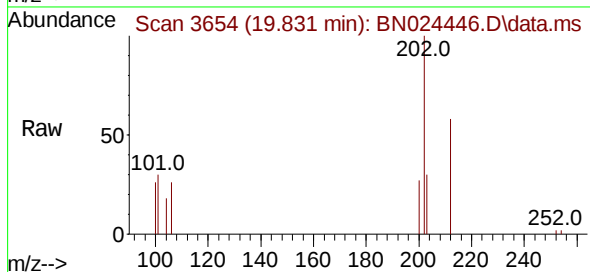
Tgt Ion:202 Resp: 20996

Ion Ratio Lower Upper

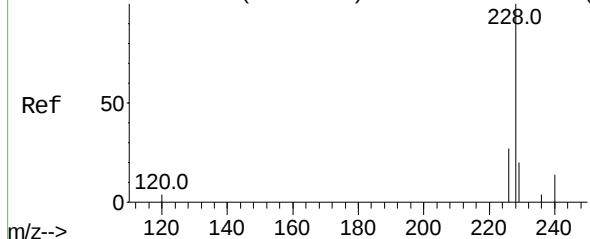
202 100

101 30.4 12.1 18.1#

100 25.8 9.4 14.0#



Abundance Scan 4167 (21.580 min): BN024444.D\data.ms (-4123) (-)



Benzo(a)anthracene

Concen: 0.039 ng/ul

RT: 21.583 min Scan# 4168

Delta R.T. -0.000 min

Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

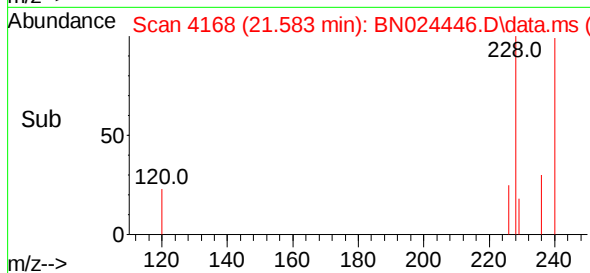
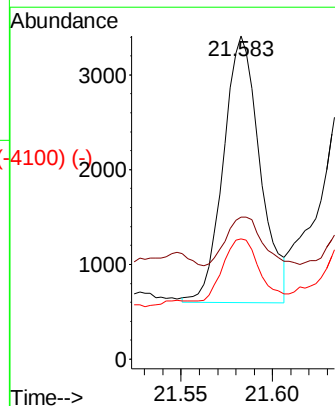
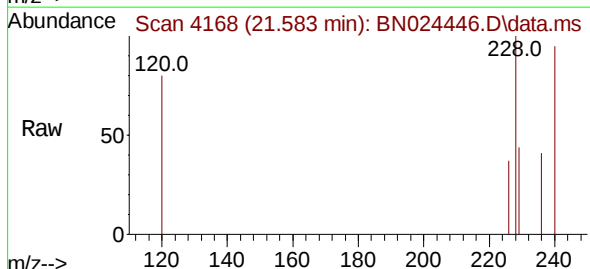
Tgt Ion:228 Resp: 3926

Ion Ratio Lower Upper

228 100

229 44.0 15.8 23.6#

226 37.2 22.2 33.4#



Abundance Scan 4185 (21.632 min): BN024444.D\data.ms (-4172) (-)

Chrysene

Concen: 0.036 ng/ul

RT: 21.641 min Scan# 4188

Delta R.T. -0.000 min

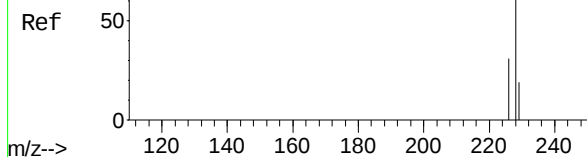
Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

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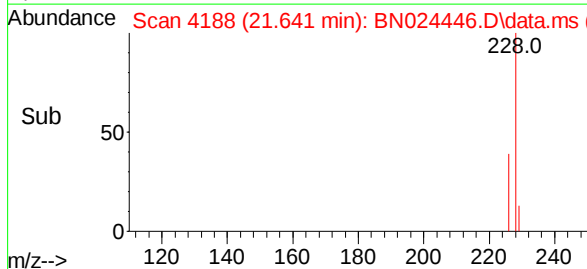
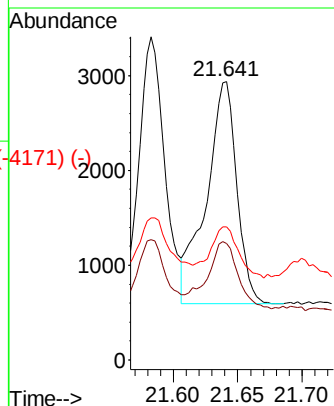
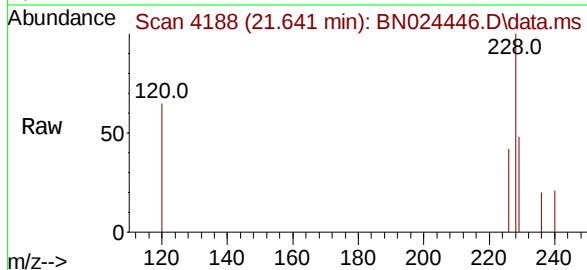
Tgt Ion:228 Resp: 3881

Ion Ratio Lower Upper

228 100

226 41.9 24.8 37.2#

229 47.7 15.8 23.6#



Abundance Scan 4761 (23.316 min): BN024444.D\data.ms (-4725) (-)

Benzo(b)fluoranthene

Concen: 0.047 ng/ul

RT: 23.337 min Scan# 4768

Delta R.T. -0.003 min

Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

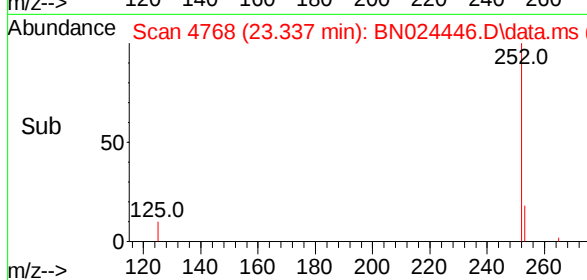
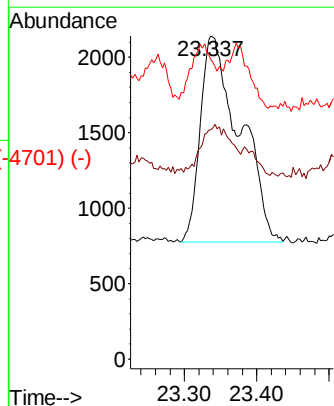
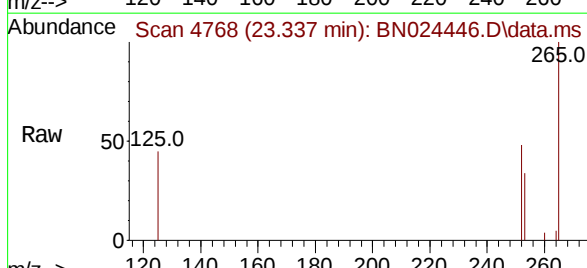
Tgt Ion:252 Resp: 5192

Ion Ratio Lower Upper

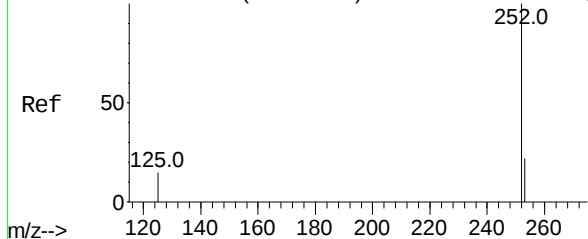
252 100

253 70.8 0.0 46.2#

125 92.9 0.0 34.0#

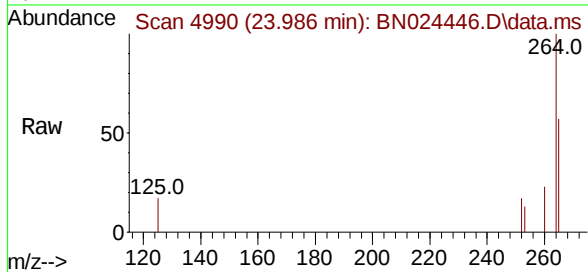


Abundance Scan 4984 (23.968 min): BN024444.D\data.ms (-4925) (-)



Benzo(a)pyrene
Concen: 0.027 ng/u1
RT: 23.986 min Scan# 4925
Delta R.T. -0.003 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	252	Resp:	2539
Ion Ratio	Lower	Upper	
252	100		
253	75.7	19.2	28.8#
125	98.0	15.8	23.6#

