

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024646.D
 Acq On : 30 Mar 2023 17:10
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Mar 30 19:14:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 17:06:44 2023
 Response via : Initial Calibration

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

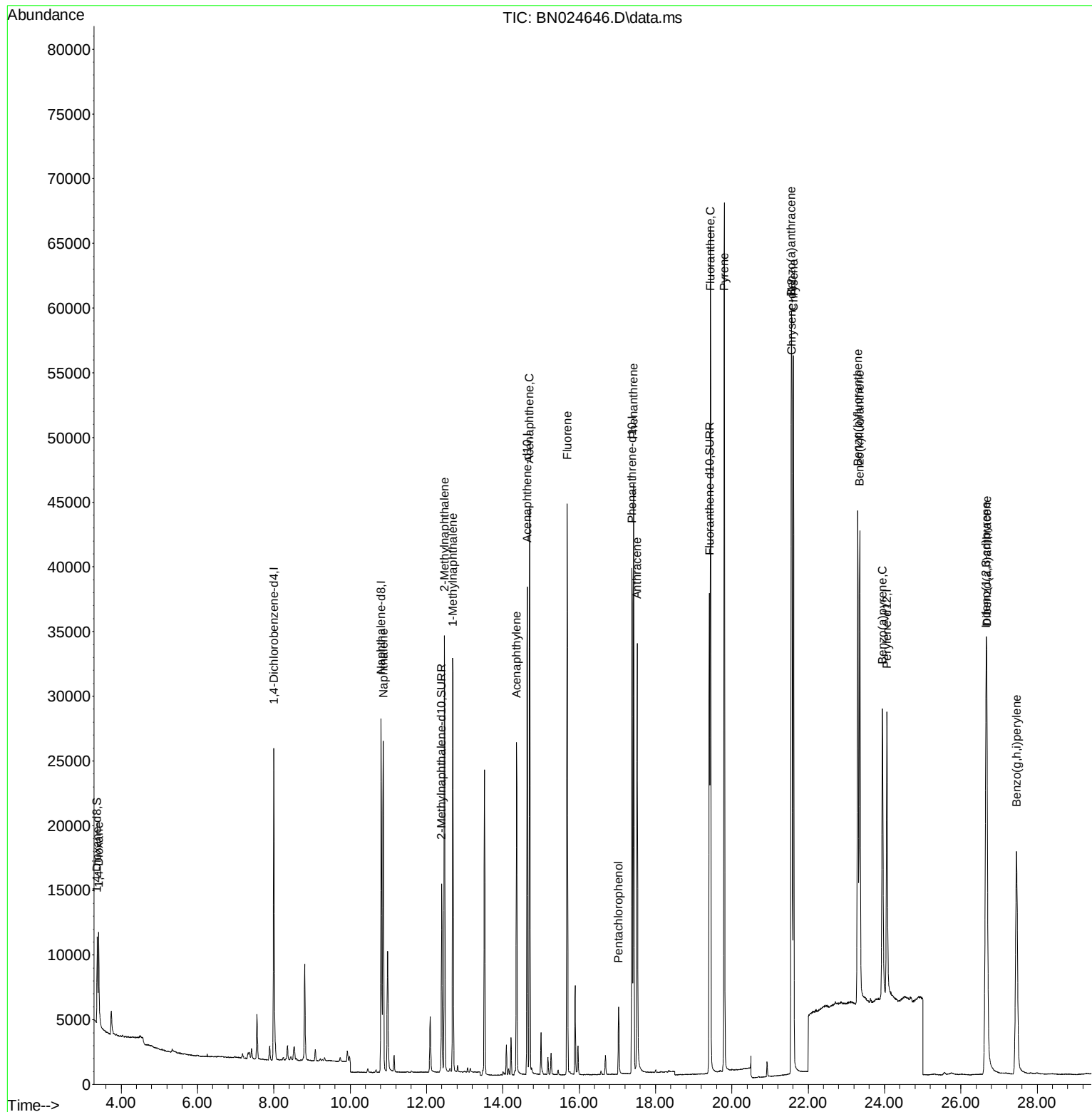
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	12162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	36215	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	20104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	43314	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	39331	0.400	ng/ul	0.00
23) Perylene-d12	24.064	264	32158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4254	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	19173	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	40328	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	4542	0.346	ng/ul#	83
5) Naphthalene	10.867	128	35998	0.405	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	23541	0.425	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	21960	0.379	ng/ul	100
10) Acenaphthylene	14.361	152	28818	0.405	ng/ul	99
11) Acenaphthene	14.703	153	24932	0.404	ng/ul	99
12) Fluorene	15.684	166	28336	0.402	ng/ul	99
14) Pentachlorophenol	17.033	266	3541	0.378	ng/ul	99
15) Phenanthrene	17.426	178	47722	0.402	ng/ul	100
16) Anthracene	17.518	178	39241	0.396	ng/ul	100
19) Fluoranthene	19.441	202	52467	0.379	ng/ul	100
20) Pyrene	19.803	202	54504	0.386	ng/ul	98
21) Benzo(a)anthracene	21.556	228	47610	0.403	ng/ul	99
22) Chrysene	21.612	228	51642	0.397	ng/ul	100
24) Benzo(b)fluoranthene	23.301	252	51615	0.386	ng/ul	98
25) Benzo(k)fluoranthene	23.351	252	51040	0.397	ng/ul	97
26) Benzo(a)pyrene	23.944	252	41129	0.391	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.659	276	50030	0.400	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.679	278	40103	0.400	ng/ul	98
29) Benzo(g,h,i)perylene	27.457	276	42657	0.396	ng/ul	99

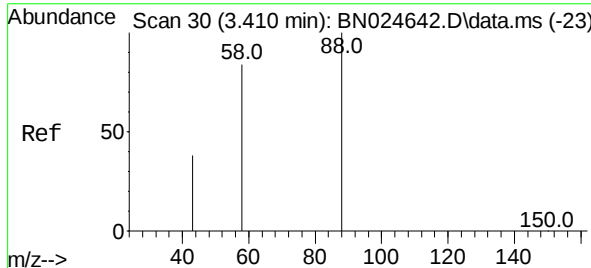
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 0.346 ng/ul

RT: 3.410 min Scan#

Delta R.T. 0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Instrument :

BNA_N

ClientSampleId :

SICV201

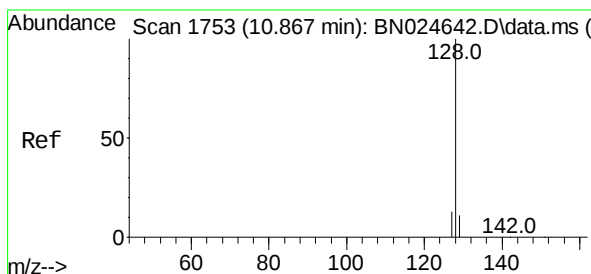
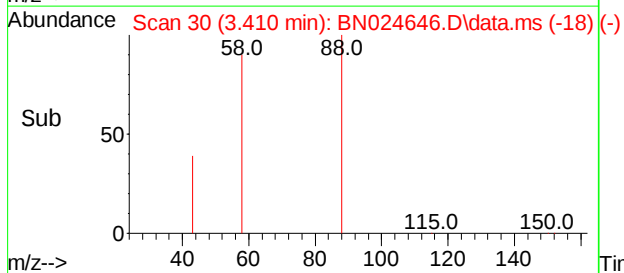
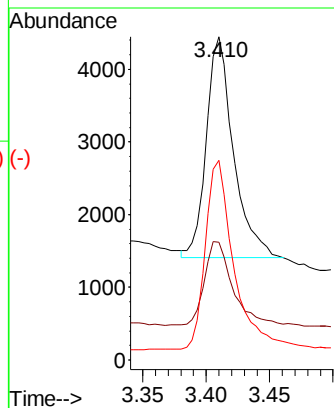
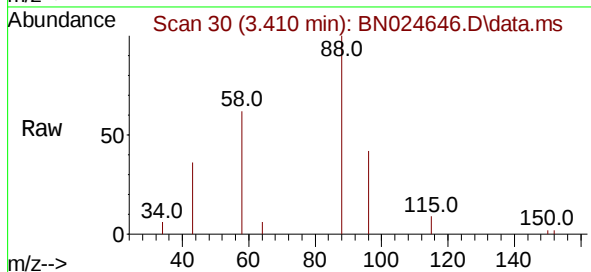
Tgt Ion: 88 Resp: 4542

Ion Ratio Lower Upper

88 100

43 36.3 37.2 55.8#

58 61.7 61.5 92.3



Naphthalene

Concen: 0.405 ng/ul

RT: 10.867 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

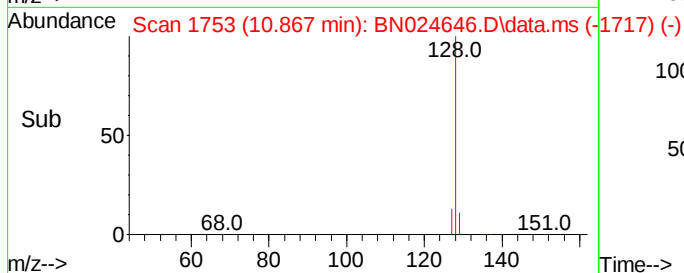
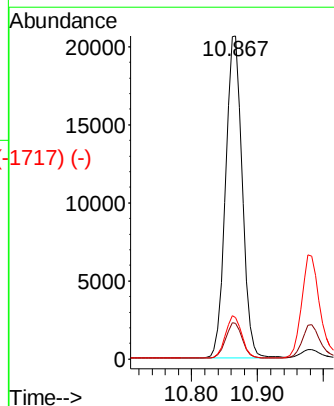
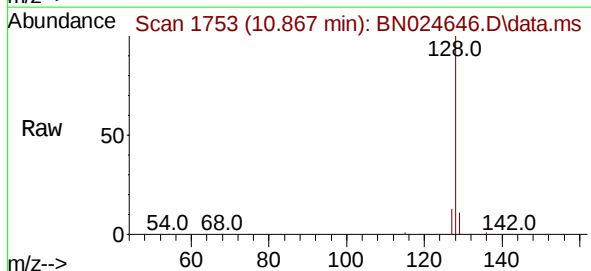
Tgt Ion:128 Resp: 35998

Ion Ratio Lower Upper

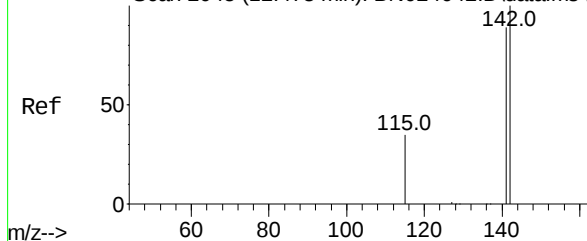
128 100

129 11.1 9.0 13.6

127 12.9 10.5 15.7



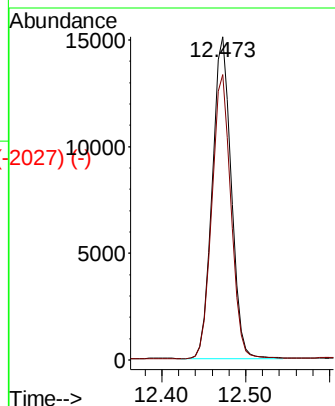
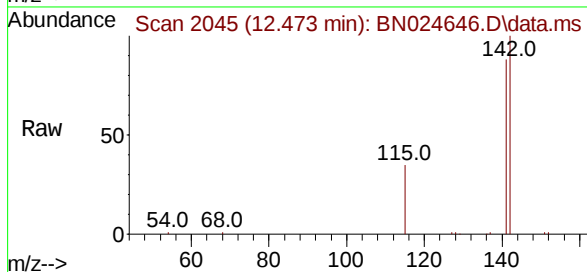
Abundance Scan 2045 (12.473 min): BN024642.D\data.ms (-2037) (-)



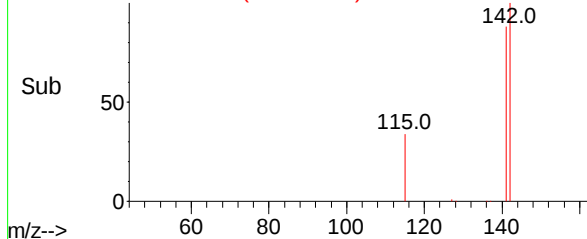
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Instrument :
BNA_N
ClientSampleId :
SICV201

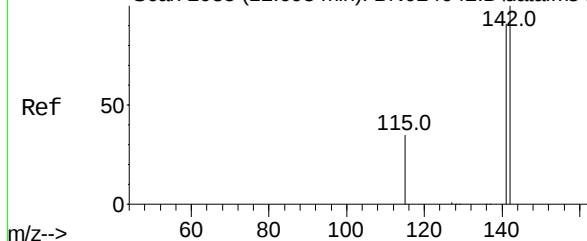
Tgt Ion:142 Resp: 23541
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



Abundance Scan 2045 (12.473 min): BN024646.D\data.ms (-2027) (-)

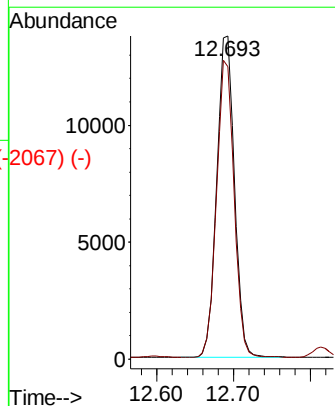
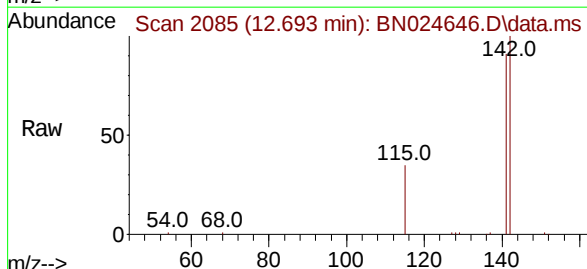


Abundance Scan 2085 (12.693 min): BN024642.D\data.ms (-2078) (-)

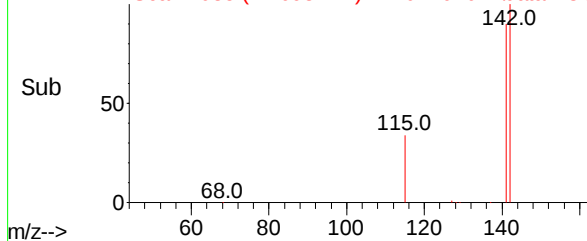


1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.693 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Tgt Ion:142 Resp: 21960
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3



Abundance Scan 2085 (12.693 min): BN024646.D\data.ms (-2067) (-)



Abundance Scan 2421 (14.361 min): BN024642.D\data.ms (-2419) (-)

Acenaphthylene

Concen: 0.405 ng/ul

RT: 14.361 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Instrument :

BNA_N

ClientSampleId :

SICV201

Tgt Ion:152 Resp: 28818

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.6 16.0

Abundance Scan 2421 (14.361 min): BN024646.D\data.ms

Ref 50

152.0

160.0 165.0

m/z-->

Abundance Scan 2421 (14.361 min): BN024646.D\data.ms

Raw 50

152.0

160.0 165.0

m/z-->

Abundance Scan 2421 (14.361 min): BN024646.D\data.ms (-2378) (-)

Sub 50

152.0

160.0 165.0

m/z-->

Abundance

14.361

15000

10000

5000

0

Time-->

14.40

Abundance Scan 2495 (14.703 min): BN024642.D\data.ms (-2415) (-)

Acenaphthene

Concen: 0.404 ng/ul

RT: 14.703 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Tgt Ion:153 Resp: 24932

Ion Ratio Lower Upper

153 100

152 49.9 40.3 60.5

154 89.1 71.0 106.4

Abundance Scan 2495 (14.703 min): BN024646.D\data.ms

Ref 50

153.0

160.0 165.0

m/z-->

Abundance Scan 2495 (14.703 min): BN024646.D\data.ms

Raw 50

153.0

160.0 165.0

m/z-->

Abundance Scan 2495 (14.703 min): BN024646.D\data.ms (-2452) (-)

Sub 50

153.0

160.0 165.0

m/z-->

Abundance

14.703

15000

10000

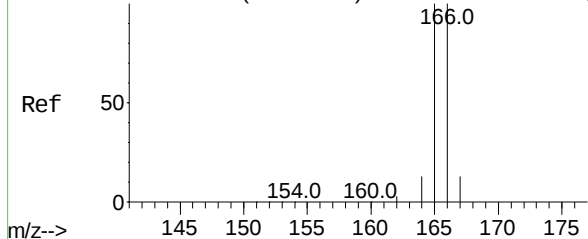
5000

0

Time-->

14.60 14.80

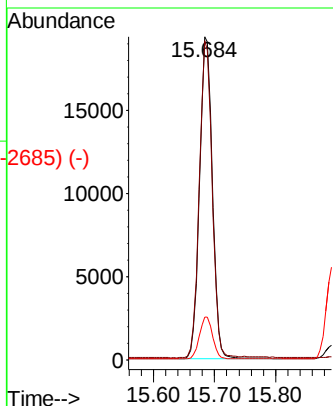
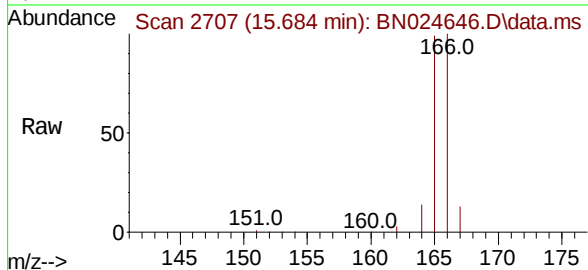
Abundance Scan 2707 (15.684 min): BN024642.D\data.ms (-2685) (-)



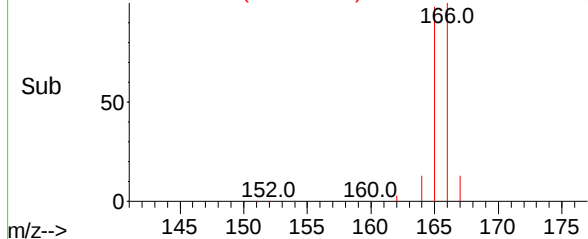
Fluorene
Concen: 0.402 ng/ul
RT: 15.684 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Instrument :
BNA_N
ClientSampleId :
SICV201

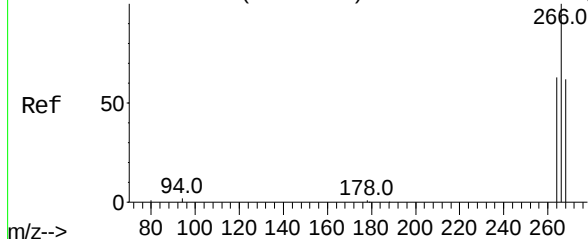
Tgt Ion:	166	Resp:	28336
Ion Ratio	Lower	Upper	
166	100		
165	98.7	80.0	120.0
167	13.3	10.8	16.2



Abundance Scan 2707 (15.684 min): BN024646.D\data.ms (-2685) (-)

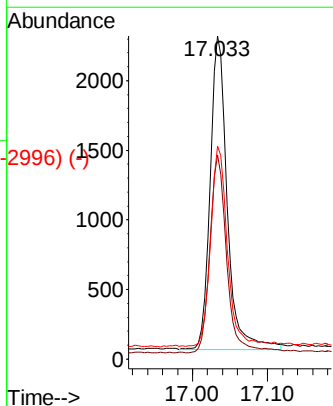
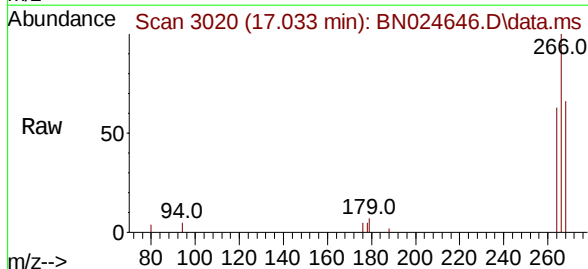


Abundance Scan 3020 (17.033 min): BN024642.D\data.ms (-3014) (-)

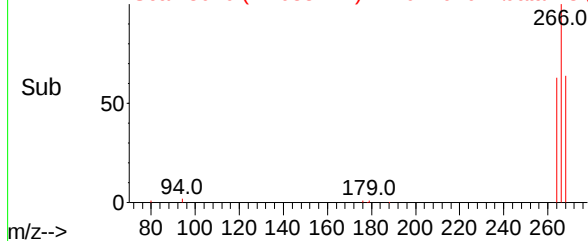


Pentachlorophenol
Concen: 0.378 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

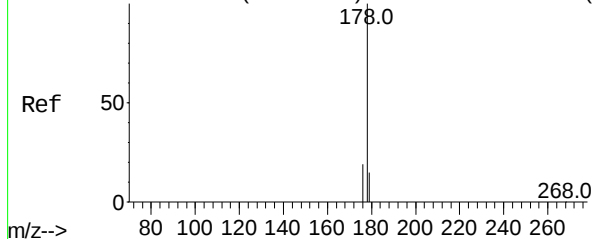
Tgt Ion:	266	Resp:	3541
Ion Ratio	Lower	Upper	
266	100		
264	61.8	49.6	74.4
268	63.8	52.6	78.8



Abundance Scan 3020 (17.033 min): BN024646.D\data.ms (-2996) (-)



Abundance Scan 3113 (17.426 min): BN024642.D\data.ms (-3105) (-)



Phenanthrene

Concen: 0.402 ng/ul

RT: 17.426 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Instrument :

BNA_N

ClientSampleId :

SICV201

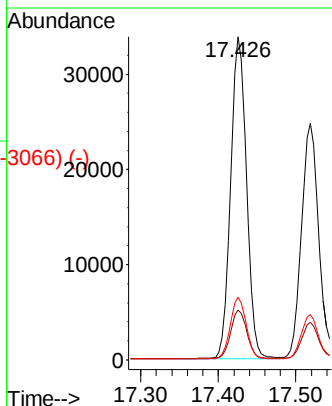
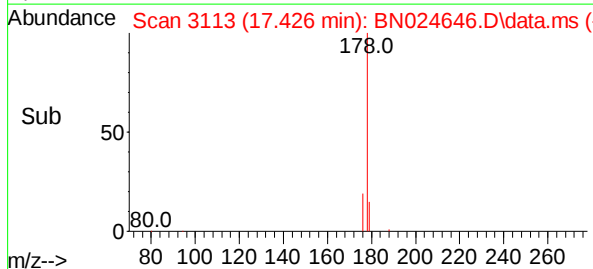
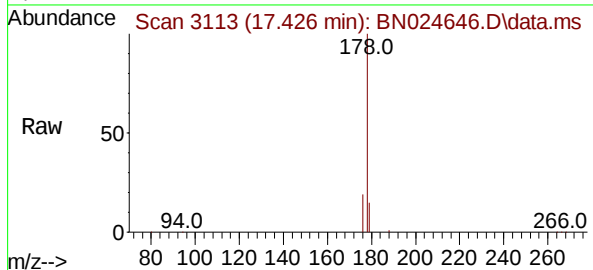
Tgt Ion:178 Resp: 47722

Ion Ratio Lower Upper

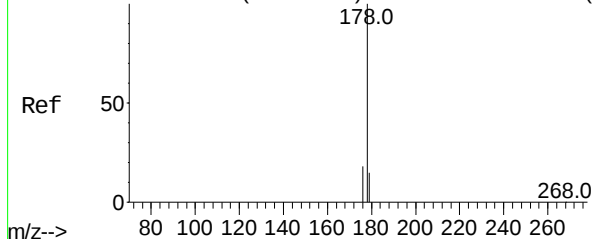
178 100

179 15.4 12.3 18.5

176 19.4 15.5 23.3



Abundance Scan 3135 (17.518 min): BN024642.D\data.ms (-3116) (-)



Anthracene

Concen: 0.396 ng/ul

RT: 17.518 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

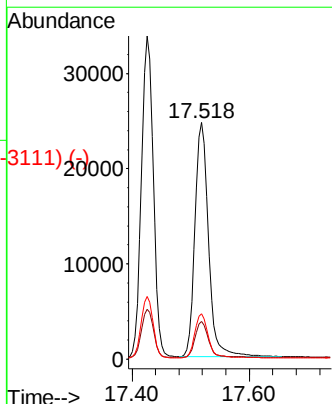
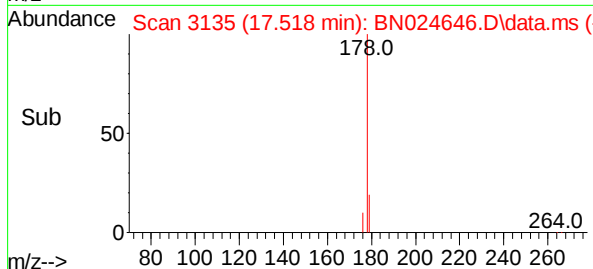
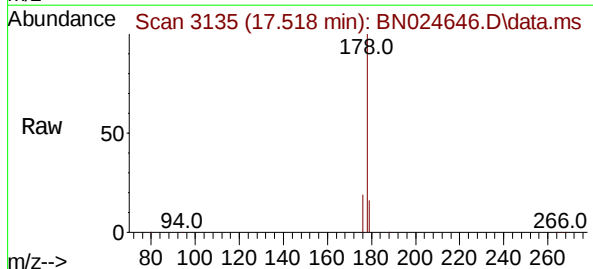
Tgt Ion:178 Resp: 39241

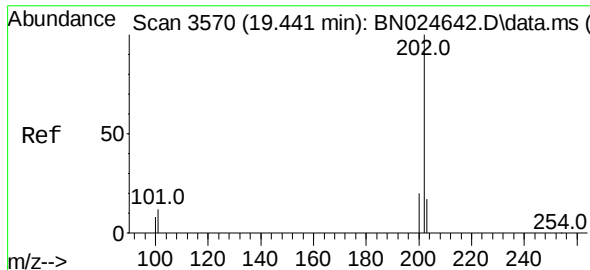
Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 19.1 15.2 22.8

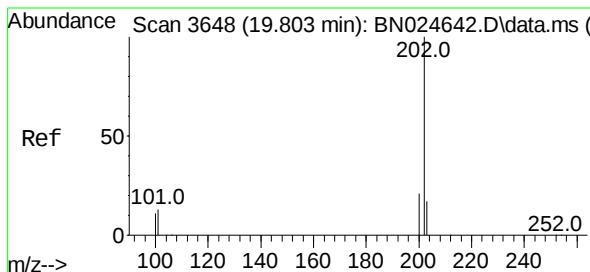
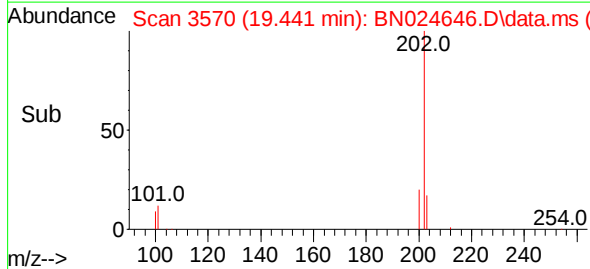
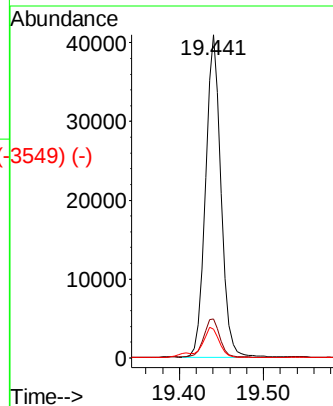
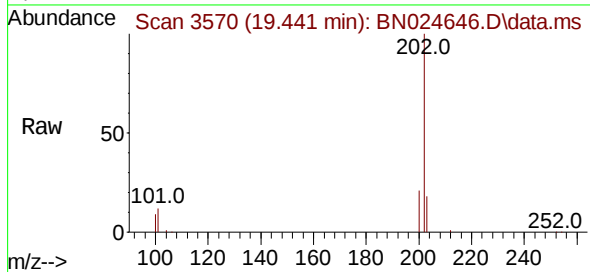




Fluoranthene
Concen: 0.379 ng/ul
RT: 19.441 min Scan# 3570
Delta R.T. -0.000 min
Lab File: BN024646.D
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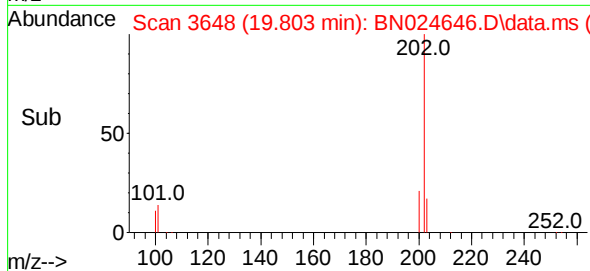
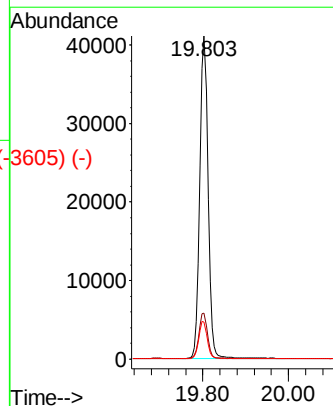
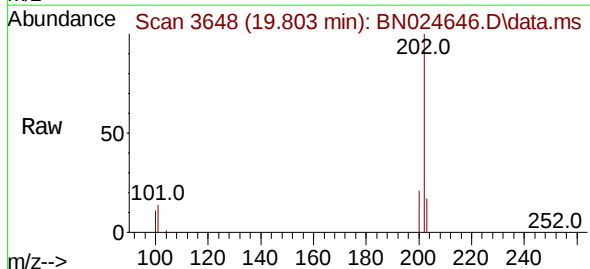
Instrument :
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Tgt Ion:	202	Resp:	52467
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
100	8.9	7.0	10.6

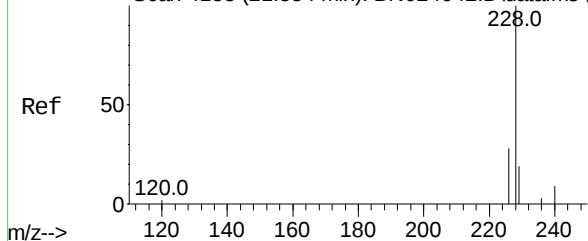


Pyrene
Concen: 0.386 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Tgt Ion:	202	Resp:	54504
Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.9	16.3
100	11.4	8.7	13.1



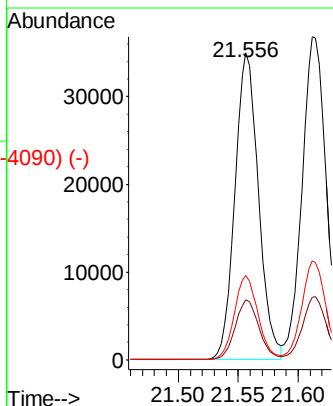
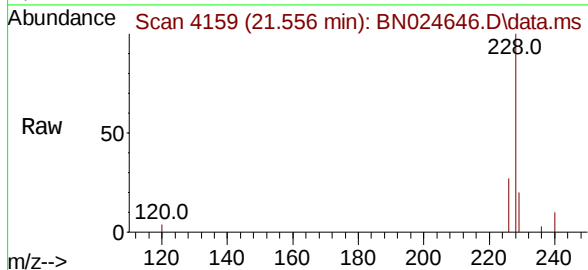
Abundance Scan 4158 (21.554 min): BN024642.D\data.ms (-4124) (-)



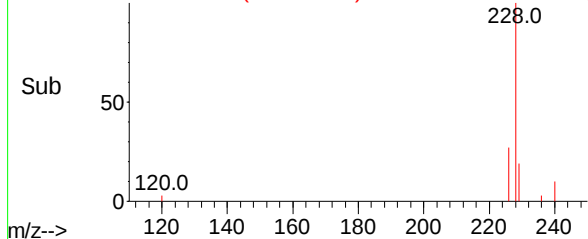
Benzo(a)anthracene
Concen: 0.403 ng/u1
RT: 21.556 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Instrument :
BNA_N
ClientSampleId :
SICV201

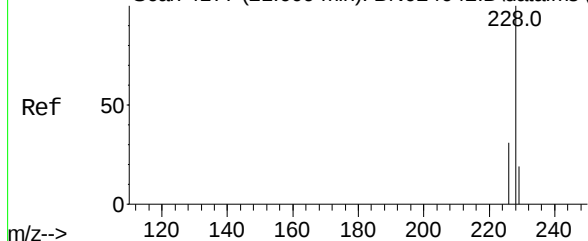
Tgt Ion:	228	Resp:	47610
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.4	22.5	33.7



Abundance Scan 4159 (21.556 min): BN024646.D\data.ms (-4090) (-)

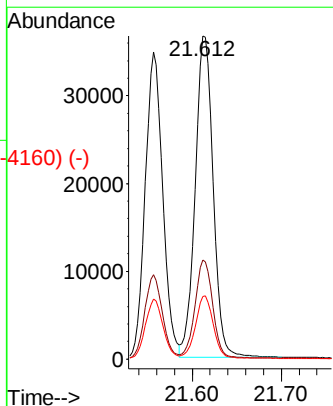
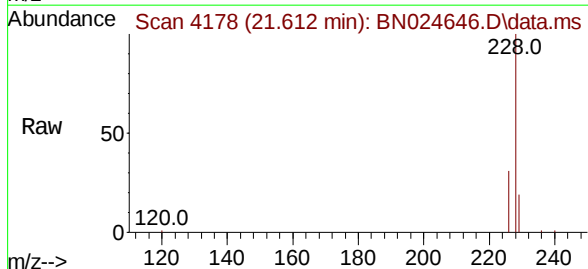


Abundance Scan 4177 (21.609 min): BN024642.D\data.ms (-4123) (-)

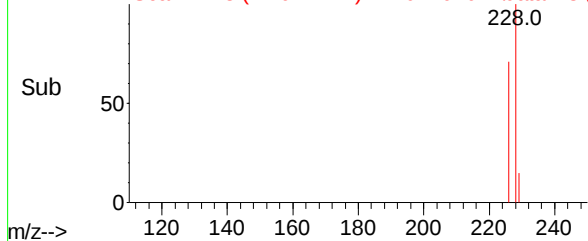


Chrysene
Concen: 0.397 ng/u1
RT: 21.612 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

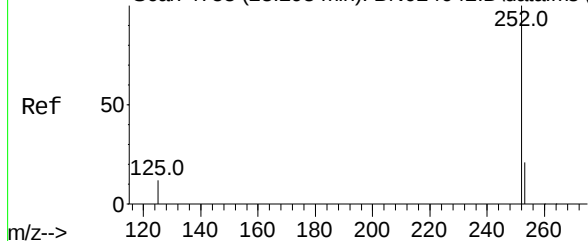
Tgt Ion:	228	Resp:	51642
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.4	15.6	23.4



Abundance Scan 4178 (21.612 min): BN024646.D\data.ms (-4160) (-)



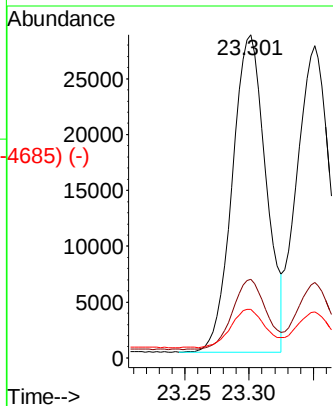
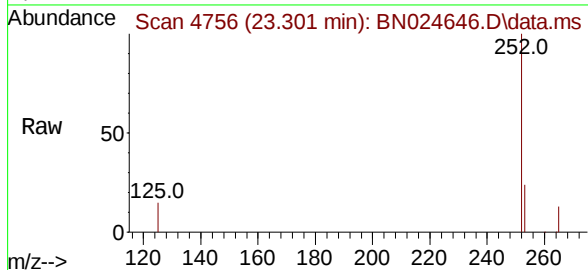
Abundance Scan 4753 (23.293 min): BN024642.D\data.ms (-4725) (-)



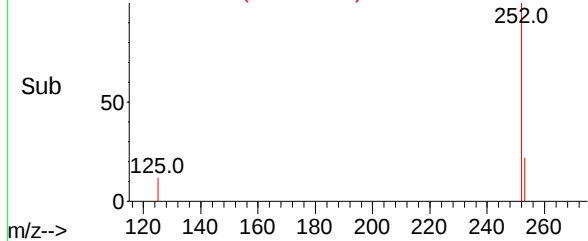
Benzo(b)fluoranthene
Concen: 0.386 ng/u1
RT: 23.301 min Scan# 4754
Delta R.T. 0.008 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Instrument :
BNA_N
ClientSampleId :
SICV201

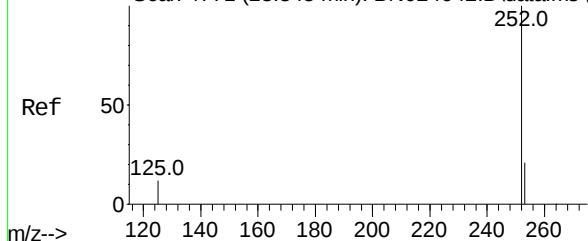
Tgt Ion:	252	Resp:	51615
Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	49.6
125	15.0	0.0	32.4



Abundance Scan 4756 (23.301 min): BN024646.D\data.ms (-4685) (-)

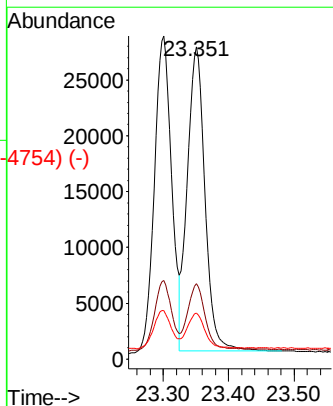
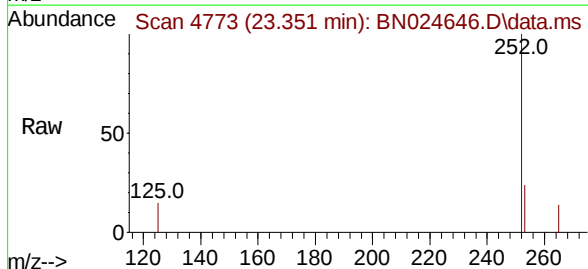


Abundance Scan 4771 (23.345 min): BN024642.D\data.ms (-4725) (-)

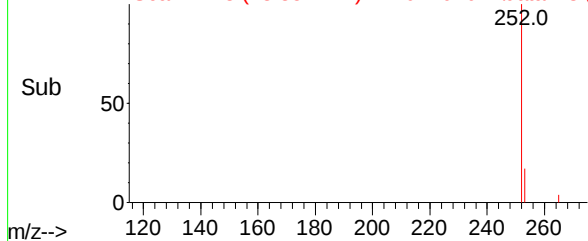


Benzo(k)fluoranthene
Concen: 0.397 ng/u1
RT: 23.351 min Scan# 4773
Delta R.T. 0.005 min
Lab File: BN024646.D
Acq: 30 Mar 2023 17:10

Tgt Ion:	252	Resp:	51040
Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.2	30.2
125	14.8	13.1	19.7



Abundance Scan 4773 (23.351 min): BN024646.D\data.ms (-4754) (-)



Abundance Scan 4975 (23.942 min): BN024642.D\data.ms (-4926) (-)

Benzo(a)pyrene

Concen: 0.391 ng/u1

RT: 23.944 min Scan# 4926

Delta R.T. 0.003 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Instrument :

BNA_N

ClientSampleId :

SICV201

Tgt Ion:252 Resp: 41129

Ion Ratio Lower Upper

252 100

253 25.3 21.8 32.8

125 18.5 15.4 23.0

Abundance Scan 4976 (23.944 min): BN024646.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4976 (23.944 min): BN024646.D\data.ms (-4941) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

15000

23.944

10000

5000

0

Time-->

23.80 24.00

Abundance Scan 5828 (26.647 min): BN024642.D\data.ms (-5827) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng/u1

RT: 26.659 min Scan# 5832

Delta R.T. 0.013 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

Tgt Ion:276 Resp: 50030

Ion Ratio Lower Upper

276 100

138 30.4 24.6 36.8

227 0.2 0.1 0.1#

Abundance Scan 5832 (26.659 min): BN024646.D\data.ms

Ref 50

138.0

227.0

276.0

Raw 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5832 (26.659 min): BN024646.D\data.ms (-5769) (-)

Ref 50

138.0

227.0

276.0

Sub 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

10000

26.659

5000

0

Time-->

26.60 26.80

Abundance Scan 5836 (26.673 min): BN024642.D\data.ms (-5628) (-)

Dibenzo(a,h)anthracene

Concen: 0.400 ng/u1

RT: 26.679 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN024646.D

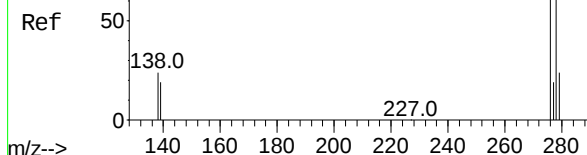
Acq: 30 Mar 2023 17:10

Instrument :

BNA_N

ClientSampleId :

SICV201



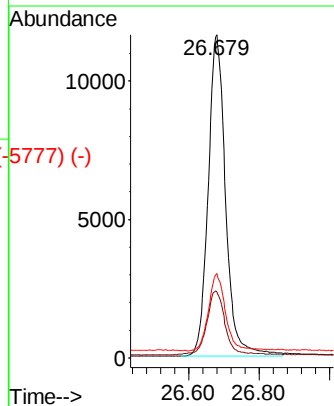
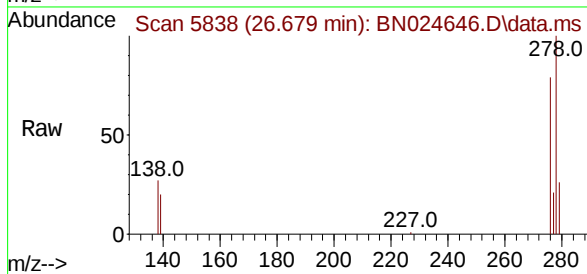
Tgt Ion:278 Resp: 40103

Ion Ratio Lower Upper

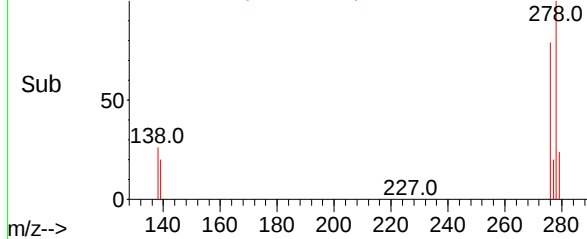
278 100

139 20.4 16.5 24.7

279 26.1 21.8 32.8



Abundance Scan 5838 (26.679 min): BN024646.D\data.ms (-5777) (-)



Abundance Scan 6068 (27.451 min): BN024642.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.396 ng/u1

RT: 27.457 min Scan# 6070

Delta R.T. 0.006 min

Lab File: BN024646.D

Acq: 30 Mar 2023 17:10

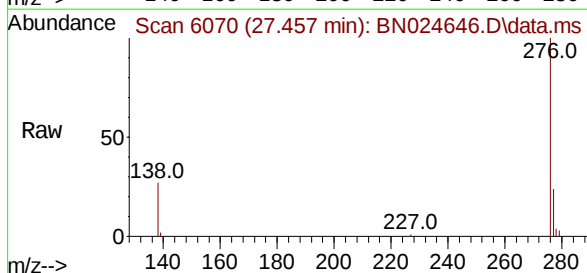
Tgt Ion:276 Resp: 42657

Ion Ratio Lower Upper

276 100

138 26.8 21.4 32.2

277 23.8 19.8 29.6



Abundance Scan 6070 (27.457 min): BN024646.D\data.ms (-6009) (-)

