

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018504.D
 Acq On : 31 Jan 2022 18:11
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV235

Quant Time: Feb 01 03:46:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 03:44:37 2022
 Response via : Initial Calibration

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

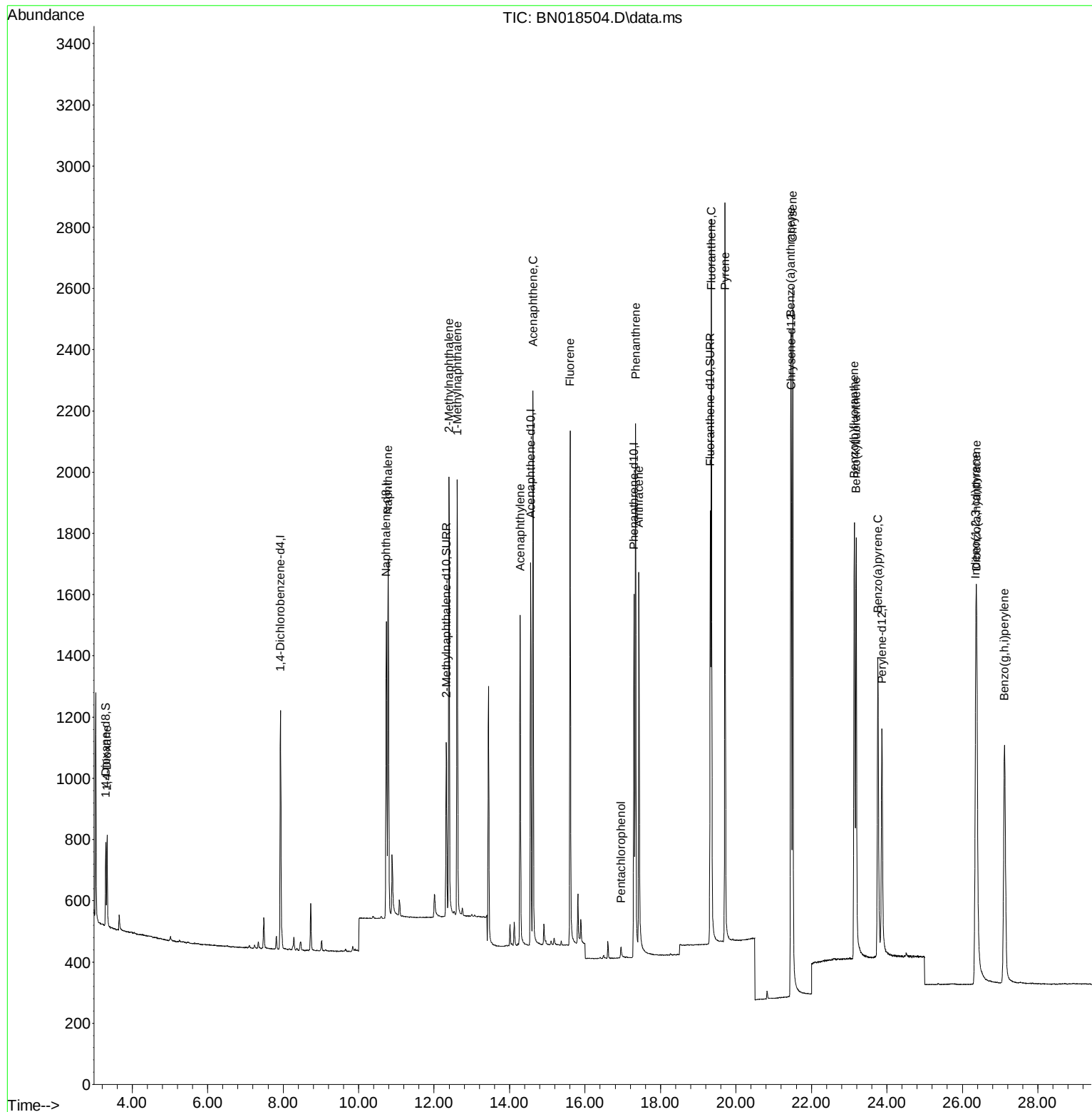
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	399	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1369	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.558	164	726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	1431	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.467	240	1298	0.400	ng/ul	# 0.00
23) Perylene-d12	23.867	264	1104	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	175	0.470	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	780	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.319	212	1574	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	197	0.475	ng/ul#	84
5) Naphthalene	10.783	128	1606	0.395	ng/ul#	92
7) 2-Methylnaphthalene	12.394	142	1043	0.351	ng/ul	99
8) 1-Methylnaphthalene	12.614	142	995	0.332	ng/ul	100
10) Acenaphthylene	14.280	152	1303	0.415	ng/ul#	91
11) Acenaphthene	14.623	153	1072	0.424	ng/ul	98
12) Fluorene	15.603	166	1156	0.371	ng/ul#	97
14) Pentachlorophenol	16.952	266	34	0.060	ng/ul	98
15) Phenanthrene	17.340	178	1935	0.409	ng/ul	95
16) Anthracene	17.429	178	1567	0.368	ng/ul#	93
19) Fluoranthene	19.346	202	2109	0.409	ng/ul#	85
20) Pyrene	19.709	202	2185	0.405	ng/ul#	85
21) Benzo(a)anthracene	21.453	228	1659	0.335	ng/ul	95
22) Chrysene	21.505	228	2117	0.394	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	1931	0.418	ng/ul	90
25) Benzo(k)fluoranthene	23.186	252	2061	0.391	ng/ul#	90
26) Benzo(a)pyrene	23.762	252	1716	0.392	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.356	276	2055	0.369	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.380	278	1651	0.383	ng/ul#	79
29) Benzo(g,h,i)perylene	27.117	276	1881	0.396	ng/ul#	80

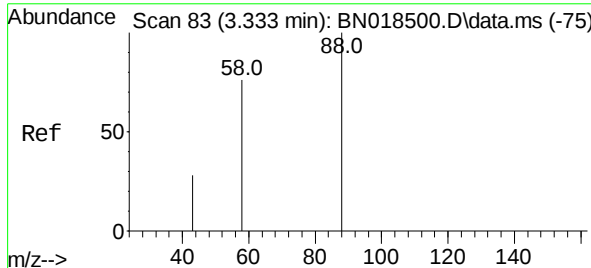
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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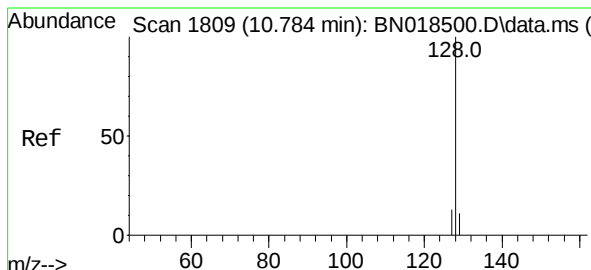
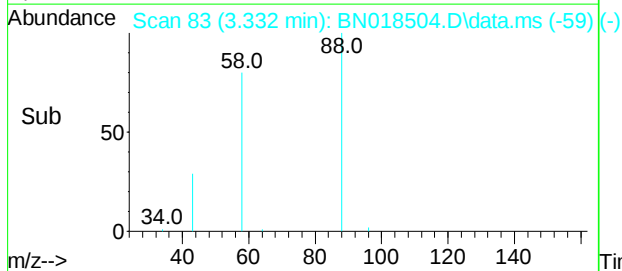
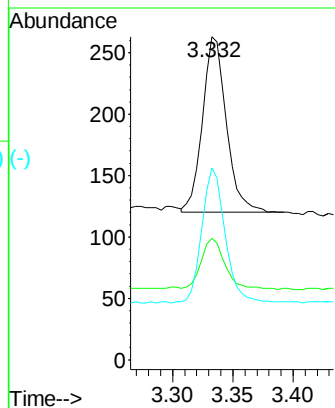
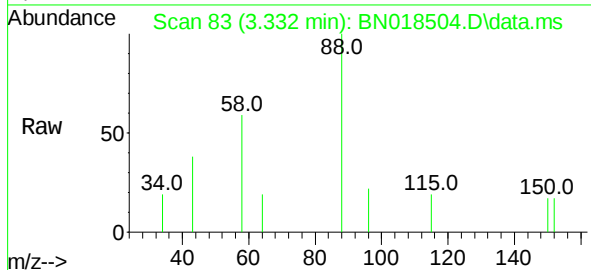




1,4-Dioxane
Concen: 0.475 ng/ul
RT: 3.332 min Scan# 83
Delta R.T. -0.000 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

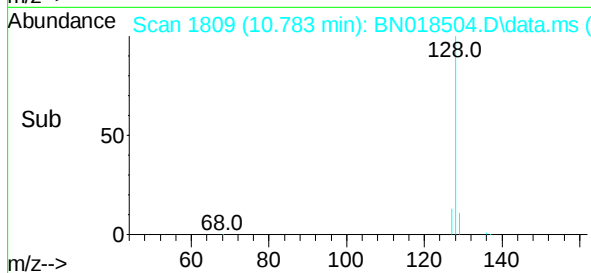
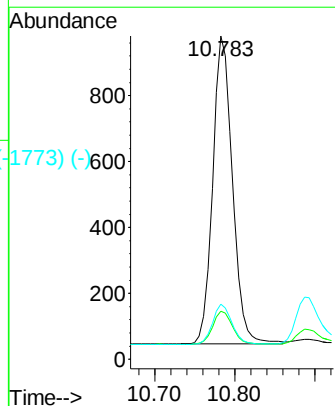
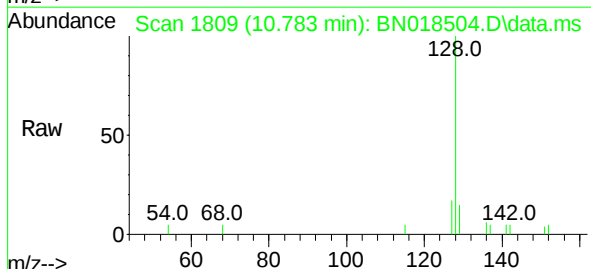
Instrument :
BNA_N
ClientSampleId :
SICV235

Tgt Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
43 37.6 47.8 71.8#
58 59.3 46.2 69.2



Naphthalene
Concen: 0.395 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

Tgt Ion: 128 Resp: 1606
Ion Ratio Lower Upper
128 100
129 14.9 9.4 14.0#
127 17.0 11.0 16.6#



Abundance Scan 2102 (12.396 min): BN018500.D\data.ms (-2084) (-)

2-Methylnaphthalene

Concen: 0.351 ng/u1

RT: 12.394 min Scan# 2102

Delta R.T. -0.002 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235

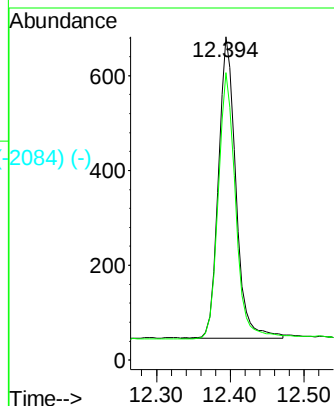
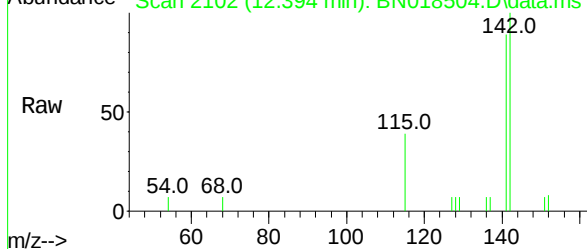
Tgt Ion:142 Resp: 1043

Ion Ratio Lower Upper

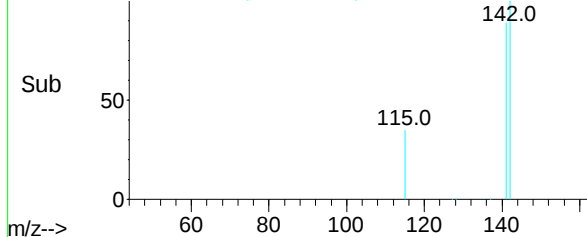
142 100

141 87.8 70.9 106.3

Abundance Scan 2102 (12.394 min): BN018504.D\data.ms



Abundance Scan 2102 (12.394 min): BN018504.D\data.ms (-2084) (-)



Abundance Scan 2142 (12.616 min): BN018500.D\data.ms (-2118) (-)

1-Methylnaphthalene

Concen: 0.332 ng/u1

RT: 12.614 min Scan# 2142

Delta R.T. -0.002 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

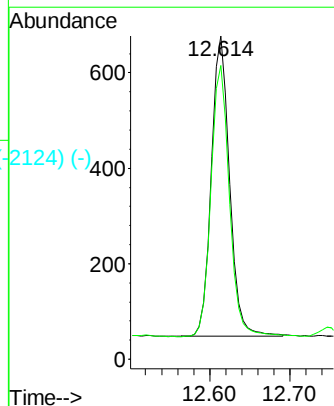
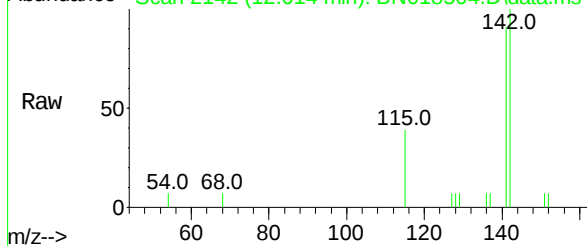
Tgt Ion:142 Resp: 995

Ion Ratio Lower Upper

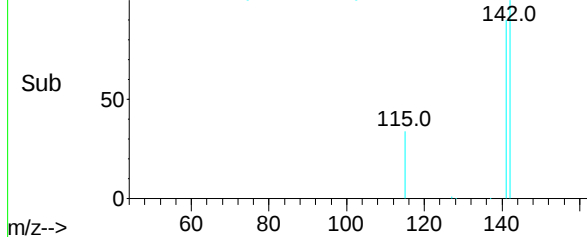
142 100

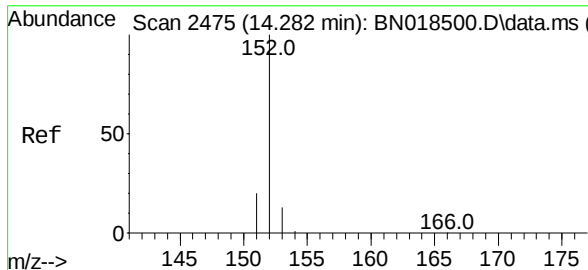
141 91.5 73.2 109.8

Abundance Scan 2142 (12.614 min): BN018504.D\data.ms



Abundance Scan 2142 (12.614 min): BN018504.D\data.ms (-2124) (-)

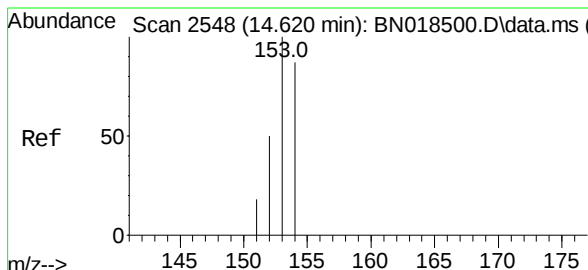
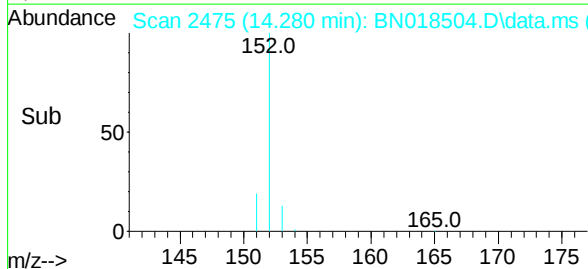
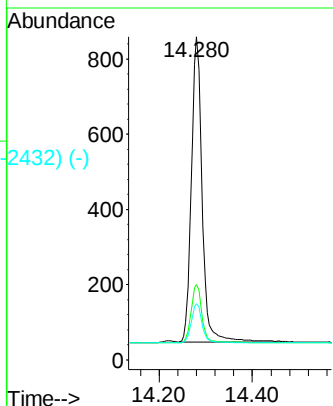
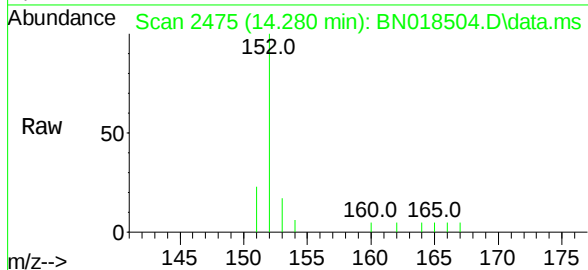




Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.002 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

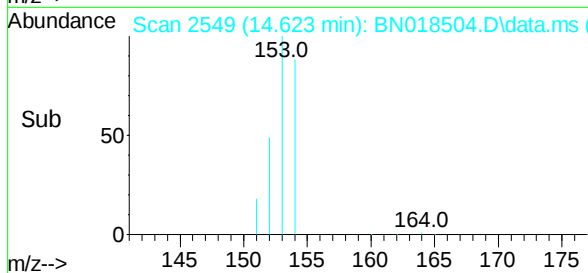
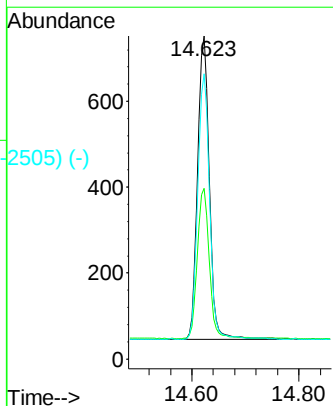
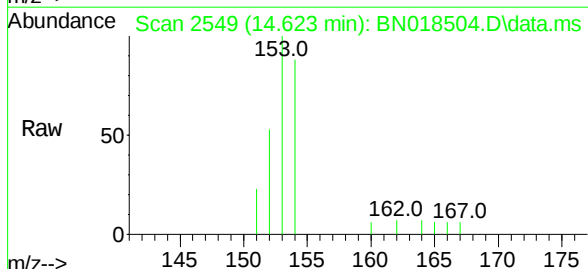
Instrument :
BNA_N
ClientSampleId :
SICV235

Tgt Ion:	152	Resp:	1303
Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.8	23.8
153	17.3	10.7	16.1#

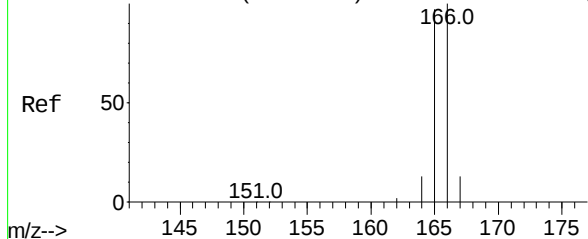


Acenaphthene
Concen: 0.424 ng/ul
RT: 14.623 min Scan# 2549
Delta R.T. 0.003 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

Tgt Ion:	153	Resp:	1072
Ion	Ratio	Lower	Upper
153	100		
152	52.8	39.7	59.5
154	88.3	70.9	106.3



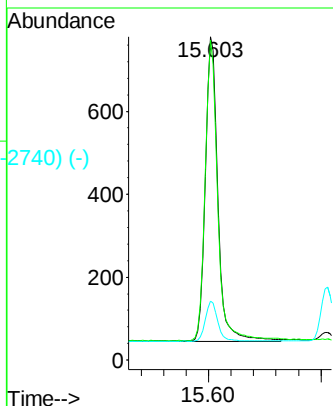
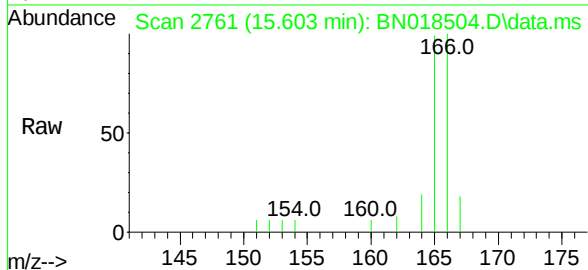
Abundance Scan 2761 (15.605 min): BN018500.D\data.ms (-2732) (-)



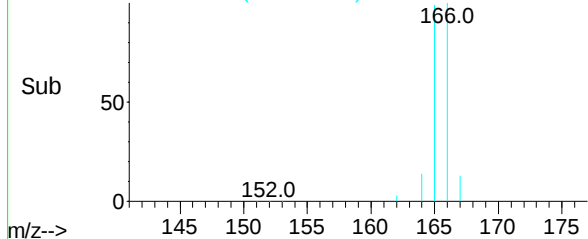
Fluorene
Concen: 0.371 ng/ul
RT: 15.603 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

Instrument :
BNA_N
ClientSampleId :
SICV235

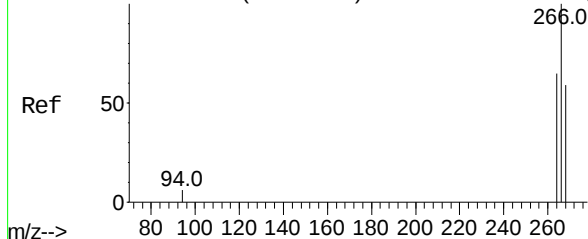
Tgt Ion:	166	Resp:	1156
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.6
167	18.3	11.6	17.4#



Abundance Scan 2761 (15.603 min): BN018504.D\data.ms (-2740) (-)

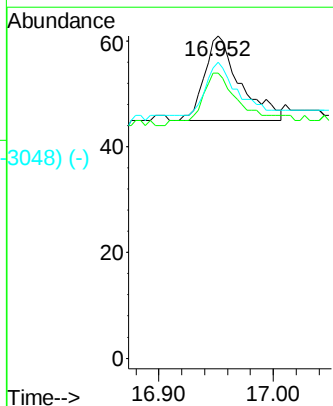
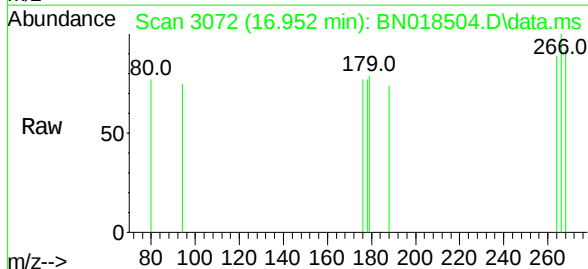


Abundance Scan 3071 (16.949 min): BN018500.D\data.ms (-3042) (-)

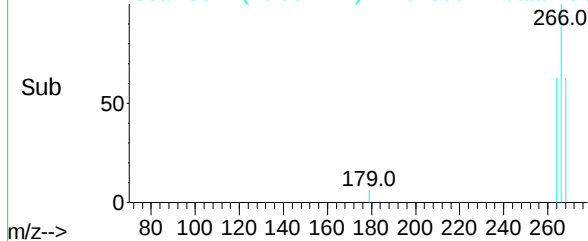


Pentachlorophenol
Concen: 0.060 ng/ul
RT: 16.952 min Scan# 3072
Delta R.T. 0.003 min
Lab File: BN018504.D
Acq: 31 Jan 2022 18:11

Tgt Ion:	266	Resp:	34
Ion Ratio	Lower	Upper	
266	100		
264	61.8	49.9	74.9
268	61.8	51.7	77.5



Abundance Scan 3072 (16.952 min): BN018504.D\data.ms (-3048) (-)



Abundance Scan 3164 (17.341 min): BN018500.D\data.ms (-3115) (-)

Phenanthrene

Concen: 0.409 ng/u1

RT: 17.340 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235

Tgt Ion:178 Resp: 1935

Ion Ratio Lower Upper

178 100

179 17.9 12.2 18.4

176 21.5 15.4 23.2

Abundance Scan 3164 (17.340 min): BN018504.D\data.ms

Ref 50

178.0

Raw 50

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3164 (17.340 min): BN018504.D\data.ms (-3117) (-)

Sub 50

178.0

80.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.340

1000

500

0

Time-->

17.30 17.40

Abundance Scan 3185 (17.430 min): BN018500.D\data.ms (-3116) (-)

Anthracene

Concen: 0.368 ng/u1

RT: 17.429 min Scan# 3185

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Tgt Ion:178 Resp: 1567

Ion Ratio Lower Upper

178 100

179 18.9 12.3 18.5#

176 22.3 15.5 23.3

Abundance Scan 3185 (17.429 min): BN018504.D\data.ms

Ref 50

178.0

Raw 50

94.0 266.0

m/z-->

0 50 100 150 200 250

Abundance Scan 3185 (17.429 min): BN018504.D\data.ms (-3162) (-)

Sub 50

178.0

0

m/z-->

0 50 100 150 200 250

Abundance

17.429

1000

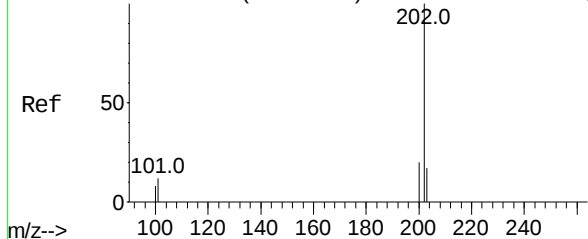
500

0

Time-->

17.40 17.50 17.60

Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



Fluoranthene

Concen: 0.409 ng/ul

RT: 19.346 min Scan# 3621

Delta R.T. -0.006 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235

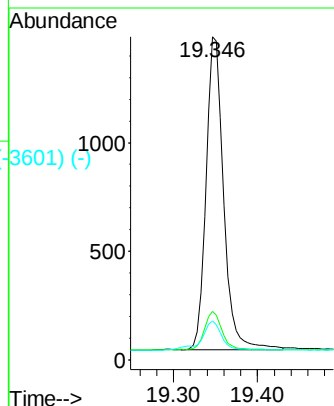
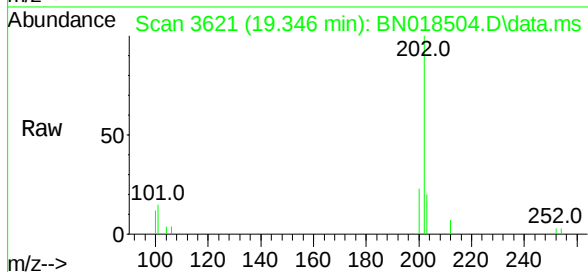
Tgt Ion:202 Resp: 2109

Ion Ratio Lower Upper

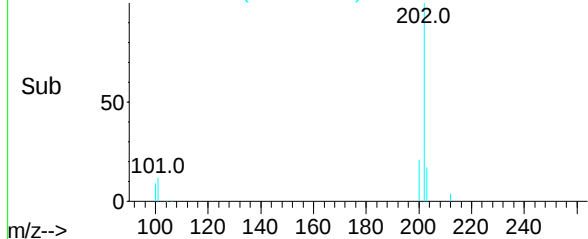
202 100

101 15.1 7.5 11.3#

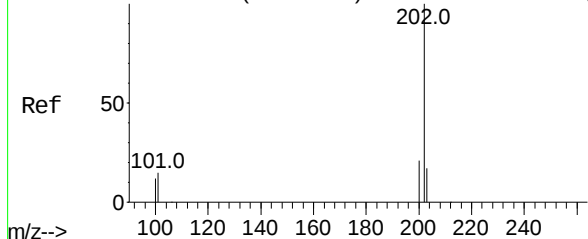
100 12.1 5.4 8.2#



Abundance Scan 3621 (19.346 min): BN018504.D\data.ms (-3601) (-)



Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)



Pyrene

Concen: 0.405 ng/ul

RT: 19.709 min Scan# 3699

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

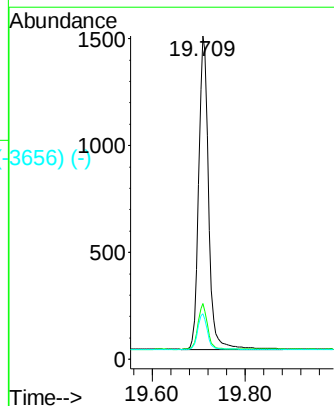
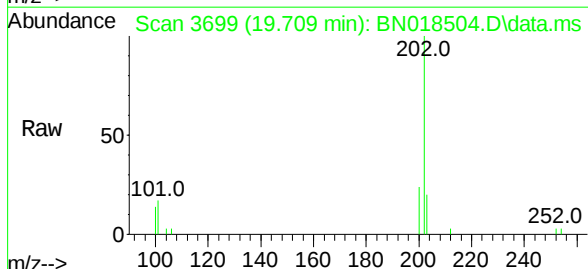
Tgt Ion:202 Resp: 2185

Ion Ratio Lower Upper

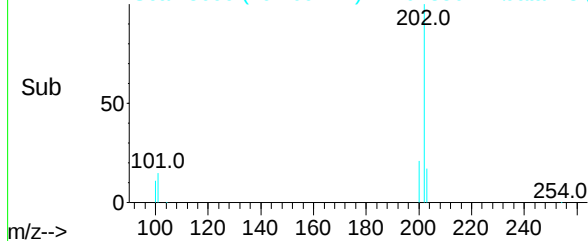
202 100

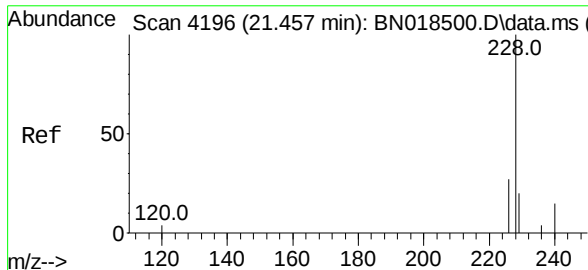
101 17.3 9.0 13.4#

100 14.1 7.0 10.4#



Abundance Scan 3699 (19.709 min): BN018504.D\data.ms (-3656) (-)

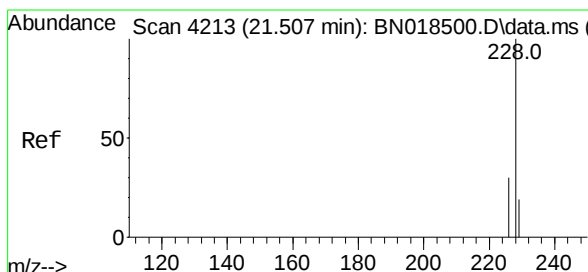
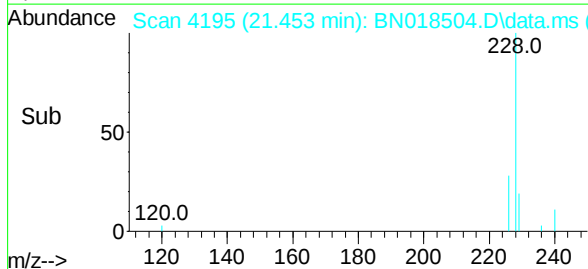
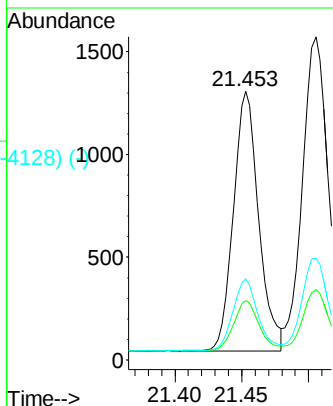
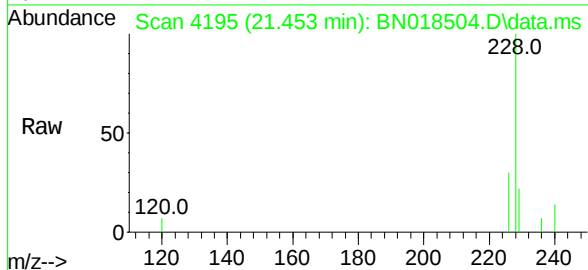




Benzo(a)anthracene
 Concen: 0.335 ng/u1
 RT: 21.453 min Scan# 4195
 Delta R.T. -0.004 min
 Lab File: BN018504.D
 Acq: 31 Jan 2022 18:11

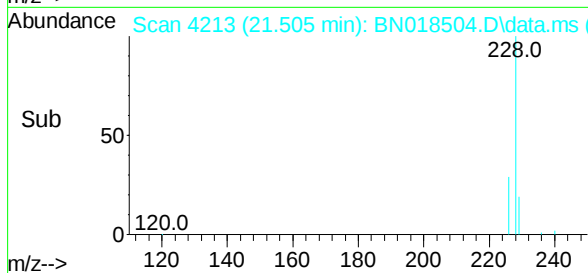
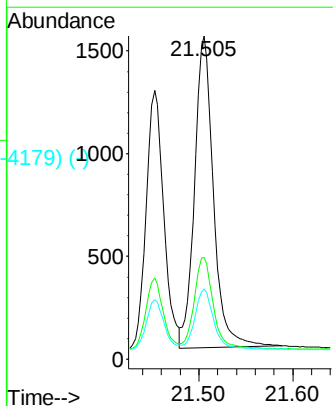
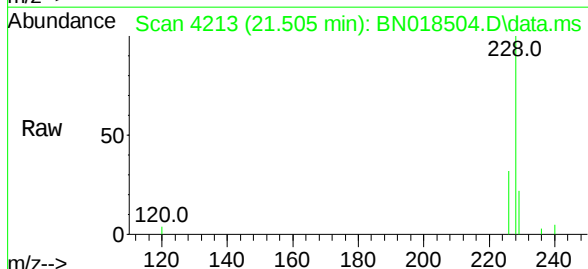
Instrument :
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 SICV235

Tgt Ion:	228	Resp:	1659
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	30.2	22.1	33.1



Chrysene
 Concen: 0.394 ng/u1
 RT: 21.505 min Scan# 4213
 Delta R.T. -0.001 min
 Lab File: BN018504.D
 Acq: 31 Jan 2022 18:11

Tgt Ion:	228	Resp:	2117
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.4
229	21.7	15.7	23.5



Abundance Scan 4772 (23.140 min): BN018500.D\data.ms (-4724) (-)

Benzo(b)fluoranthene

Concen: 0.418 ng/u1

RT: 23.136 min Scan# 4772

Delta R.T. -0.004 min

Lab File: BN018504.D

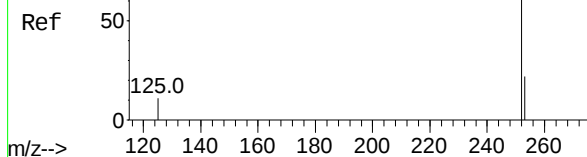
Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235



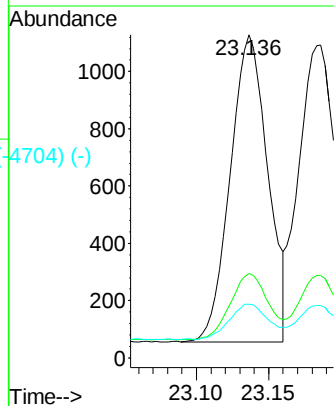
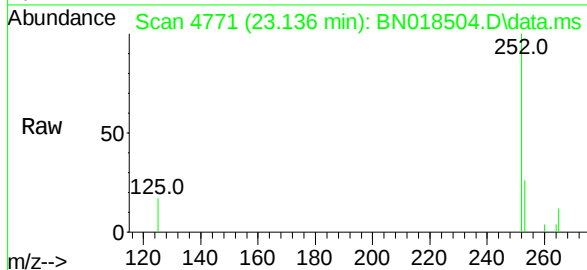
Tgt Ion:252 Resp: 1931

Ion Ratio Lower Upper

252 100

253 26.2 0.0 46.4

125 16.7 0.0 17.8



Abundance Scan 4771 (23.136 min): BN018504.D\data.ms (-4704) (-)

Benzo(k)fluoranthene

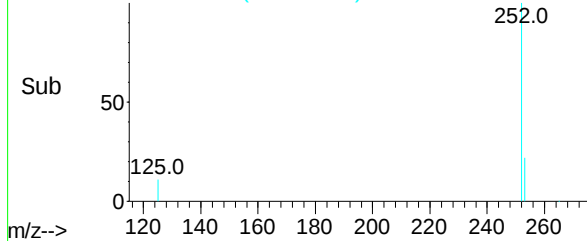
Concen: 0.391 ng/u1

RT: 23.186 min Scan# 4788

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11



Abundance Scan 4788 (23.187 min): BN018500.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

Concen: 0.391 ng/u1

RT: 23.186 min Scan# 4788

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

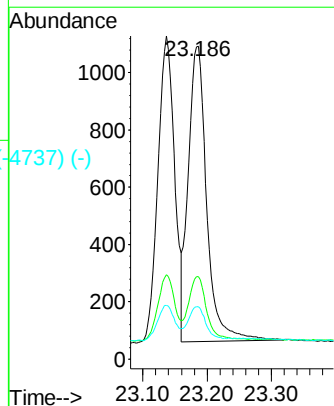
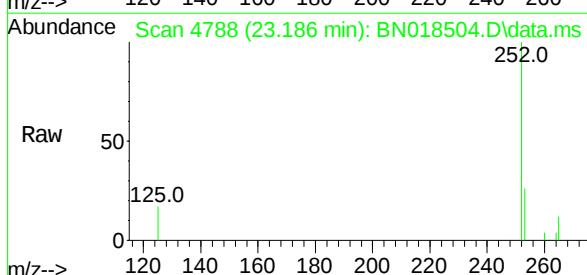
Tgt Ion:252 Resp: 2061

Ion Ratio Lower Upper

252 100

253 26.3 18.6 28.0

125 16.7 7.3 10.9#



Abundance Scan 4788 (23.186 min): BN018504.D\data.ms (-4737) (-)

Benzo(k)fluoranthene

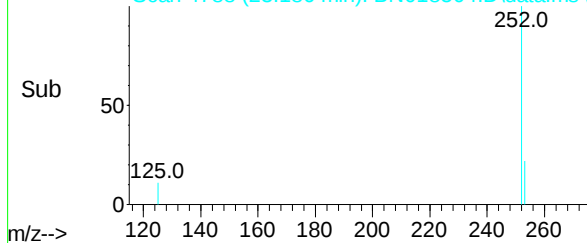
Concen: 0.391 ng/u1

RT: 23.186 min Scan# 4788

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11



Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4925) (-)

Benzo(a)pyrene

Concen: 0.392 ng/u1

RT: 23.762 min Scan# 4925

Delta R.T. -0.001 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235

Tgt Ion:252 Resp: 1716

Ion Ratio Lower Upper

252 100

253 28.1 18.9 28.3

125 20.2 8.2 12.2#

Abundance Scan 4985 (23.762 min): BN018504.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 4985 (23.762 min): BN018504.D\data.ms (-4951) (-)

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.762

600

400

200

0

Time-->

23.80

Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5727) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.369 ng/u1

RT: 26.356 min Scan# 5813

Delta R.T. -0.008 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Tgt Ion:276 Resp: 2055

Ion Ratio Lower Upper

276 100

138 30.3 16.5 24.7#

227 0.2 0.1 0.1#

Abundance Scan 5813 (26.356 min): BN018504.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 5813 (26.356 min): BN018504.D\data.ms (-5756) (-)

Sub 50

138.0

227.0

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.356

400

200

0

Time-->

26.20 26.40 26.60

Abundance Scan 5822 (26.388 min): BN018500.D\data.ms (-5629) (-)

Dibenzo(a,h)anthracene

Concen: 0.383 ng/ul

RT: 26.380 min Scan# 4

Delta R.T. -0.008 min

Lab File: BN018504.D

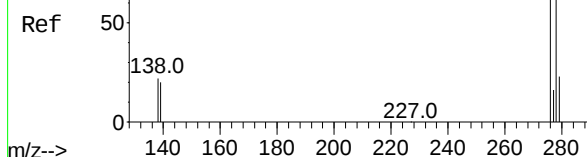
Acq: 31 Jan 2022 18:11

Instrument :

BNA_N

ClientSampleId :

SICV235



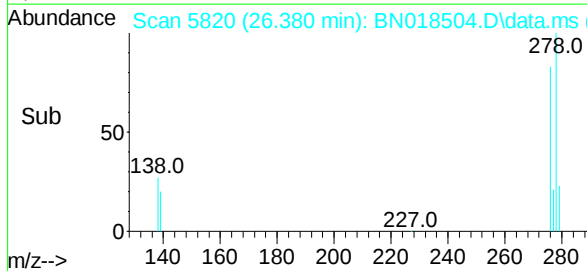
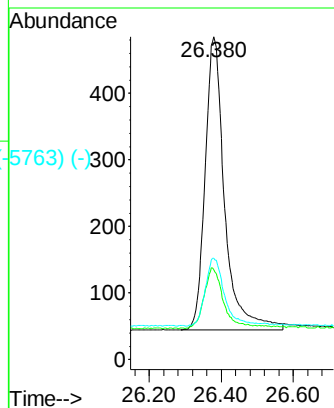
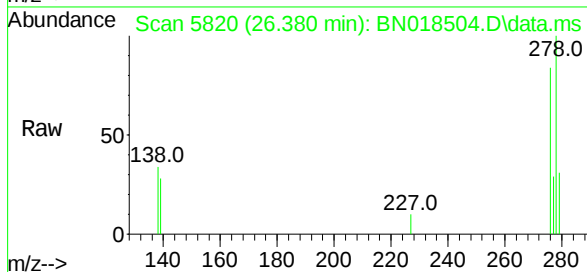
Tgt Ion:278 Resp: 1651

Ion Ratio Lower Upper

278 100

139 27.8 11.9 17.9#

279 31.3 19.5 29.3#



Abundance Scan 6042 (27.125 min): BN018500.D\data.ms (-6029) (-)

Benzo(g,h,i)perylene

Concen: 0.396 ng/ul

RT: 27.117 min Scan# 6040

Delta R.T. -0.008 min

Lab File: BN018504.D

Acq: 31 Jan 2022 18:11

Tgt Ion:276 Resp: 1881

Ion Ratio Lower Upper

276 100

138 31.6 14.4 21.6#

277 29.6 19.2 28.8#

