

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018503.D
 Acq On : 31 Jan 2022 17:35
 Operator : CG/JU
 Sample : SSTD3.234
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

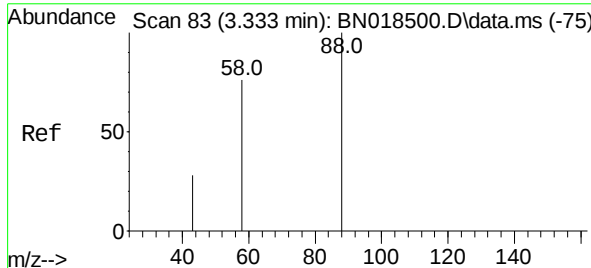
Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2234

Quant Time: Feb 01 03:46:17 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	431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	1521	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.559	164	817	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	1596	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	1578	0.400	ng/ul	# 0.00
23) Perylene-d12	23.869	264	1298	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1474	3.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	6508	2.462	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	13054	2.791	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.333	88	1562	3.489	ng/ul#	69
5) Naphthalene	10.784	128	12703	2.815	ng/ul	99
7) 2-Methylnaphthalene	12.396	142	8556	2.591	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	8471	2.545	ng/ul	100
10) Acenaphthylene	14.282	152	10788	3.057	ng/ul	100
11) Acenaphthene	14.620	153	8703	3.060	ng/ul	100
12) Fluorene	15.605	166	9967	2.840	ng/ul	100
14) Pentachlorophenol	16.949	266	681	1.078	ng/ul	100
15) Phenanthrene	17.337	178	15967	3.024	ng/ul	100
16) Anthracene	17.430	178	14572	3.070	ng/ul	99
19) Fluoranthene	19.348	202	18808	2.998	ng/ul#	92
20) Pyrene	19.710	202	18495	2.821	ng/ul#	93
21) Benzo(a)anthracene	21.454	228	16322	2.713	ng/ul	99
22) Chrysene	21.504	228	17525	2.683	ng/ul	100
24) Benzo(b)fluoranthene	23.135	252	17141	3.156	ng/ul	96
25) Benzo(k)fluoranthene	23.185	252	17795	2.872	ng/ul#	96
26) Benzo(a)pyrene	23.761	252	14434	2.802	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.361	276	19446	2.966	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.378	278	15579	3.077	ng/ul#	95
29) Benzo(g,h,i)perylene	27.119	276	16042	2.874	ng/ul#	92

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



1,4-Dioxane

Concen: 3.489 ng/ul

RT: 3.333 min Scan# 83

Delta R.T. -0.000 min

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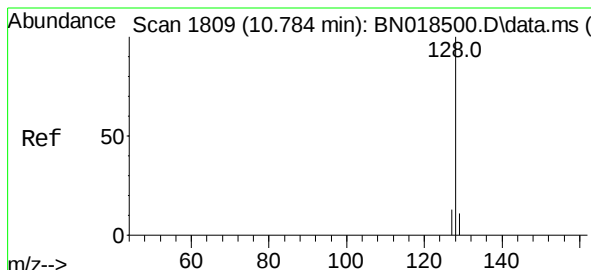
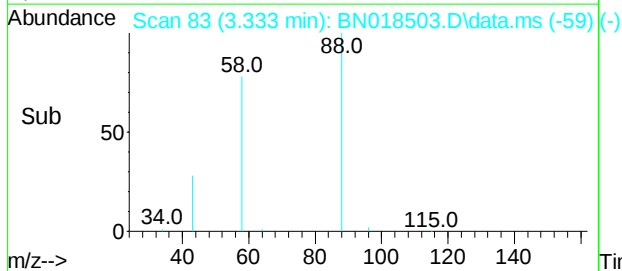
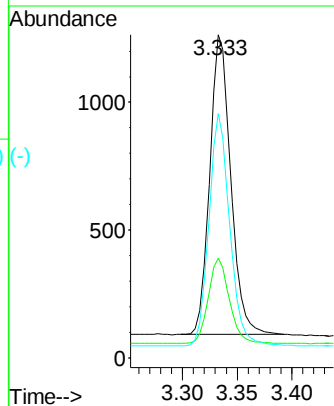
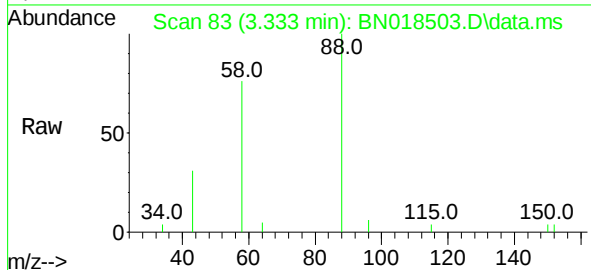
Tgt Ion: 88 Resp: 1562

Ion Ratio Lower Upper

88 100

43 30.9 47.8 71.8#

58 75.7 46.2 69.2#



Naphthalene

Concen: 2.815 ng/ul

RT: 10.784 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BN018503.D

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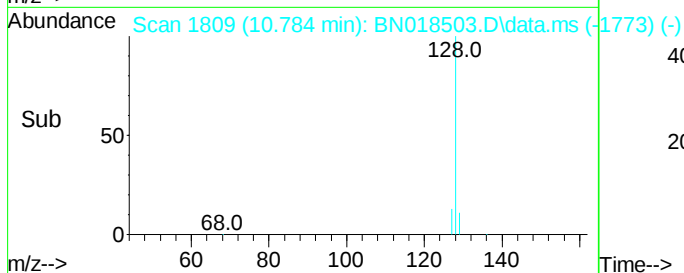
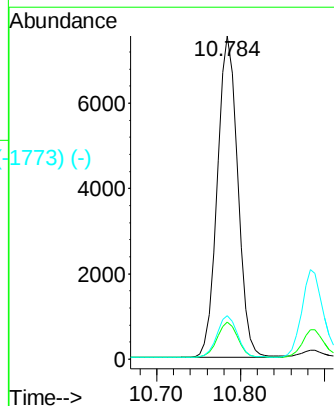
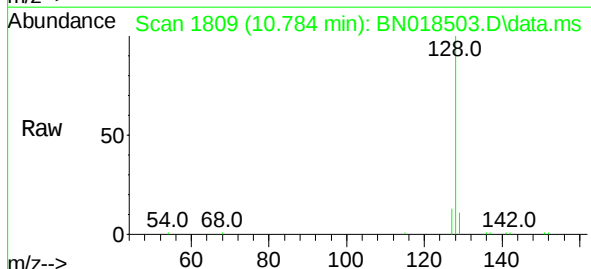
Tgt Ion: 128 Resp: 12703

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.4 11.0 16.6



Abundance Scan 2102 (12.396 min): BN018500.D\data.ms (-2079) (-)

2-Methylnaphthalene

Concen: 2.591 ng/u1

RT: 12.396 min Scan# 2102

Delta R.T. -0.000 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234

Tgt Ion:142 Resp: 8556

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3

Abundance Scan 2102 (12.396 min): BN018503.D\data.ms

Ref 50

115.0

142.0

Raw 50

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2102 (12.396 min): BN018503.D\data.ms (-2084) (-)

Sub 50

115.0

142.0

m/z-->

Abundance

12.396

5000

4000

3000

2000

1000

0

Time--> 12.30 12.40 12.50

Abundance Scan 2142 (12.616 min): BN018500.D\data.ms (-2138) (-)

1-Methylnaphthalene

Concen: 2.545 ng/u1

RT: 12.610 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Tgt Ion:142 Resp: 8471

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8

Abundance Scan 2141 (12.610 min): BN018503.D\data.ms

Ref 50

115.0

142.0

Raw 50

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2141 (12.610 min): BN018503.D\data.ms (-2124) (-)

Sub 50

115.0

142.0

m/z-->

Abundance

12.610

5000

4000

3000

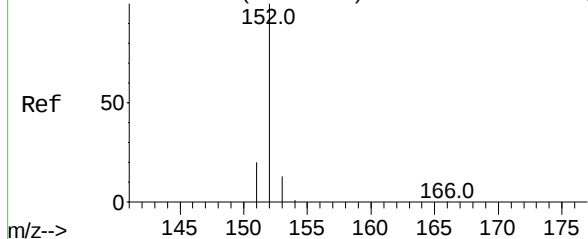
2000

1000

0

Time--> 12.60 12.70

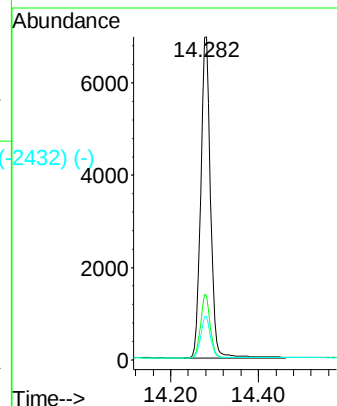
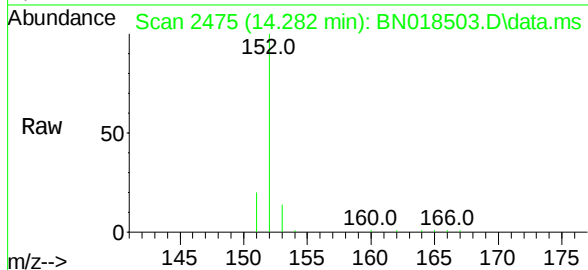
Abundance Scan 2475 (14.282 min): BN018500.D\data.ms (-2432) (-)



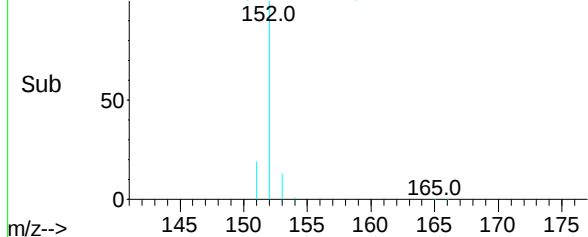
Acenaphthylene
Concen: 3.057 ng/ul
RT: 14.282 min Scan# 2475
Delta R.T. -0.000 min
Lab File: BN018503.D
Acq: 31 Jan 2022 17:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2234

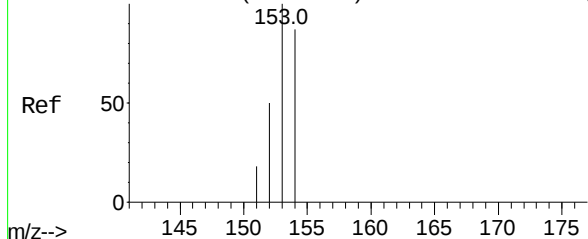
Tgt Ion:	152	Resp:	10788
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.5	10.7	16.1



Abundance Scan 2475 (14.282 min): BN018503.D\data.ms (-2432) (-)

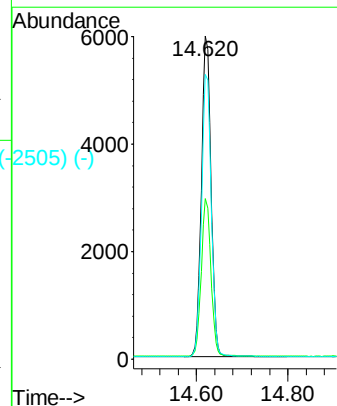
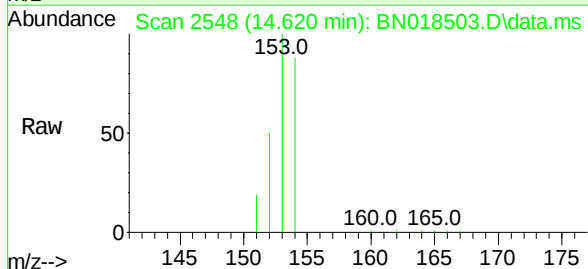


Abundance Scan 2548 (14.620 min): BN018500.D\data.ms (-2539) (-)

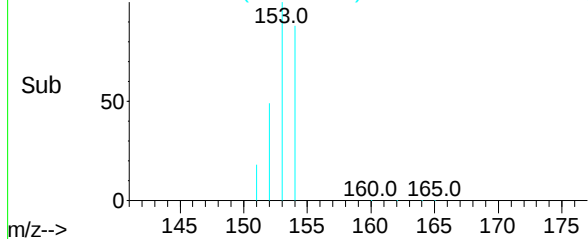


Acenaphthene
Concen: 3.060 ng/ul
RT: 14.620 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018503.D
Acq: 31 Jan 2022 17:35

Tgt Ion:	153	Resp:	8703
Ion Ratio	Lower	Upper	
153	100		
152	49.6	39.7	59.5
154	88.1	70.9	106.3



Abundance Scan 2548 (14.620 min): BN018503.D\data.ms (-2505) (-)



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

Fluorene

Concen: 2.840 ng/ul

RT: 15.605 min Scan# 2761

Delta R.T. -0.000 min

Lab File: BN018503.D

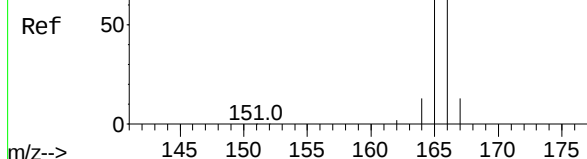
Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234



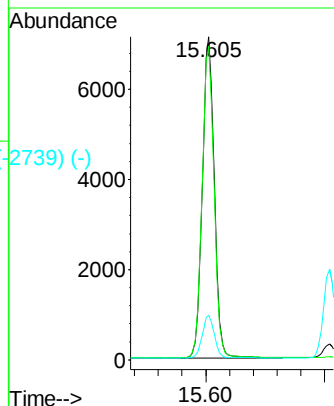
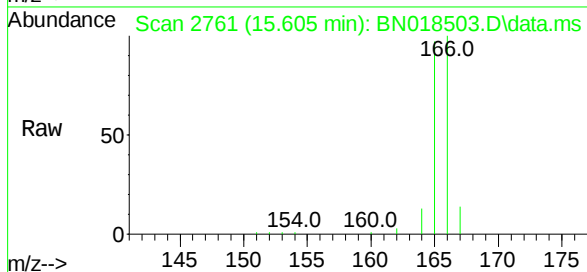
Tgt Ion:166 Resp: 9967

Ion Ratio Lower Upper

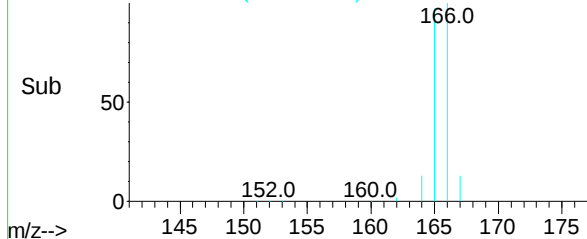
166 100

165 97.0 77.8 116.6

167 13.8 11.6 17.4



Abundance Scan 2761 (15.605 min): BN018503.D\data.ms (-2739) (-)



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

Pentachlorophenol

Concen: 1.078 ng/ul

RT: 16.949 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

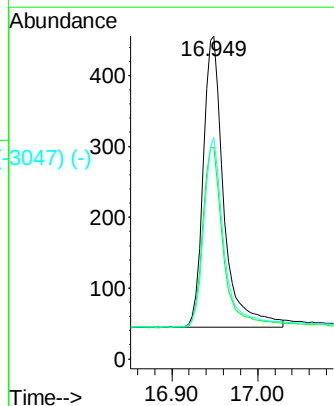
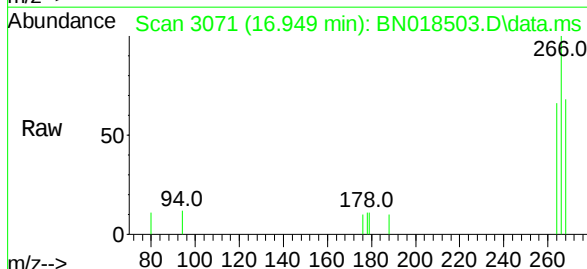
Tgt Ion:266 Resp: 681

Ion Ratio Lower Upper

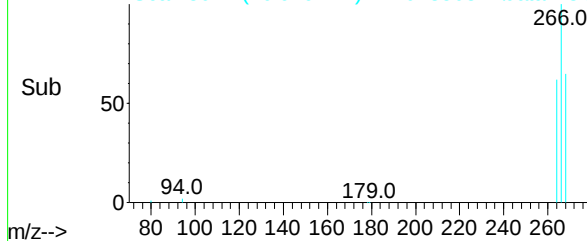
266 100

264 62.1 49.9 74.9

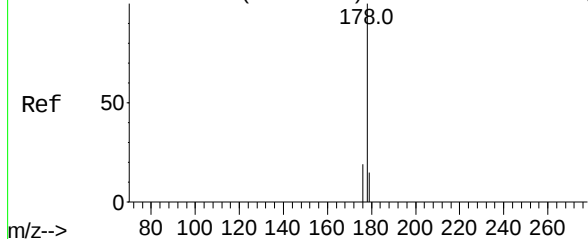
268 64.3 51.7 77.5



Abundance Scan 3071 (16.949 min): BN018503.D\data.ms (-3047) (-)



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



Phenanthrene

Concen: 3.024 ng/u1

RT: 17.337 min Scan#

Delta R.T. -0.004 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234

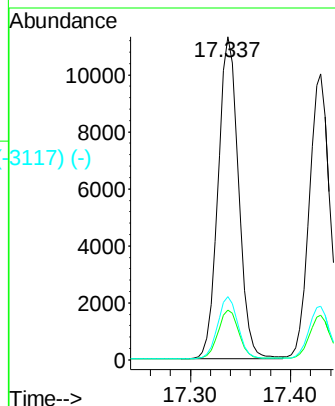
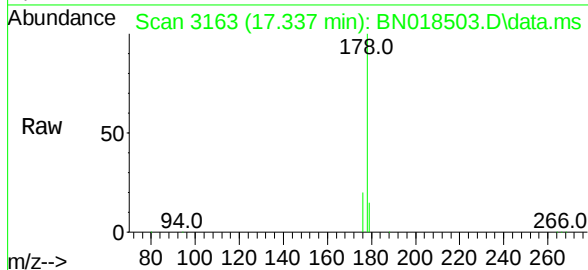
Tgt Ion:178 Resp: 15967

Ion Ratio Lower Upper

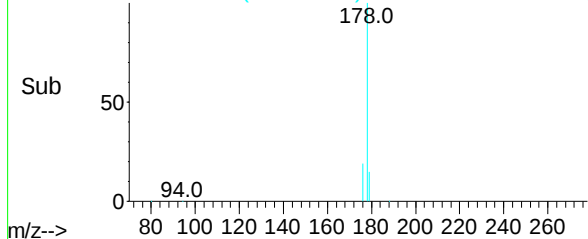
178 100

179 15.5 12.2 18.4

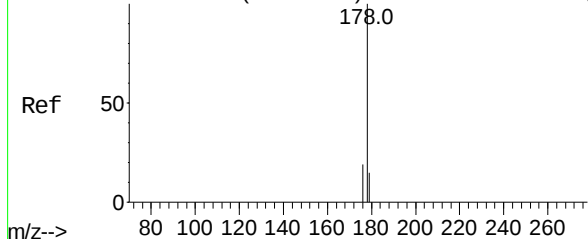
176 19.5 15.4 23.2



Abundance Scan 3163 (17.337 min): BN018503.D\data.ms (-3117) (-)



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



Anthracene

Concen: 3.070 ng/u1

RT: 17.430 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

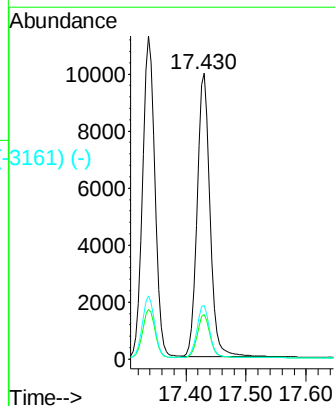
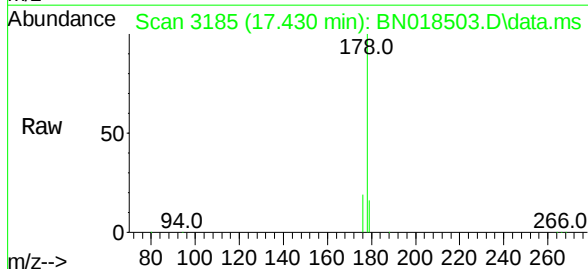
Tgt Ion:178 Resp: 14572

Ion Ratio Lower Upper

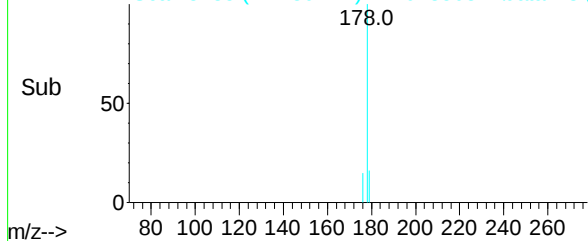
178 100

179 15.6 12.3 18.5

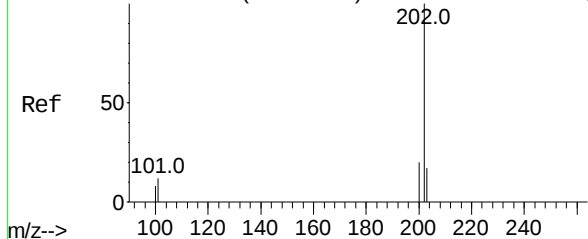
176 18.8 15.5 23.3



Abundance Scan 3185 (17.430 min): BN018503.D\data.ms (-3161) (-)



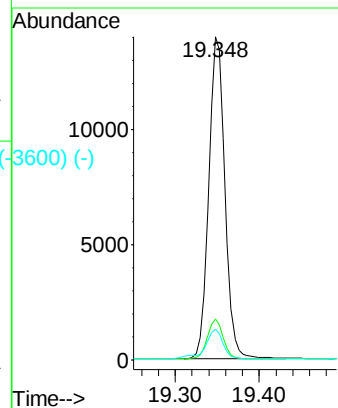
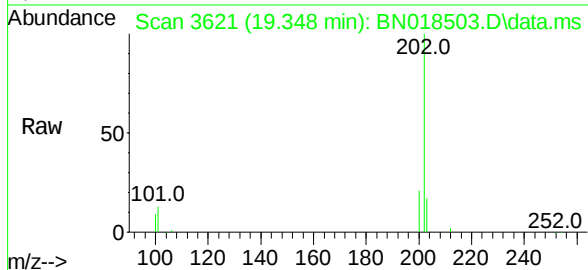
Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



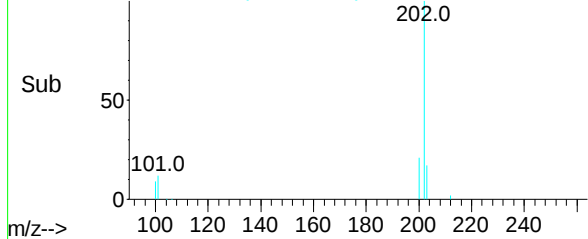
Fluoranthene
Concen: 2.998 ng/ul
RT: 19.348 min Scan# 3621
Delta R.T. -0.004 min
Lab File: BN018503.D
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SSTD3.2234

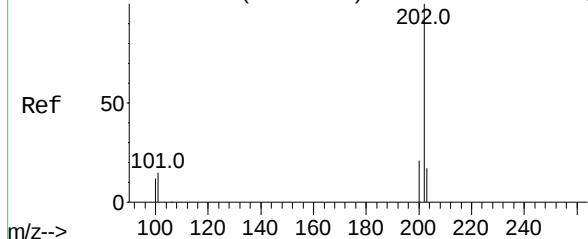
Tgt Ion:	202	Resp:	18808
Ion Ratio	Lower	Upper	
202	100		
101	12.7	7.5	11.3#
100	9.5	5.4	8.2#



Abundance Scan 3621 (19.348 min): BN018503.D\data.ms (-3600) (-)

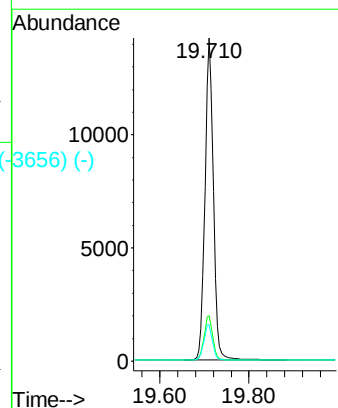
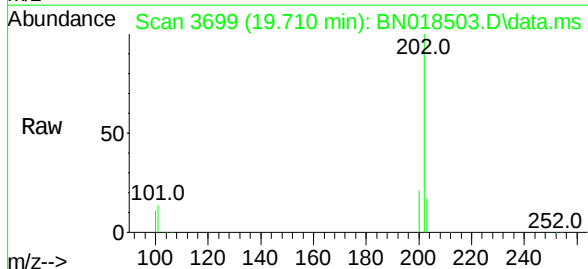


Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)

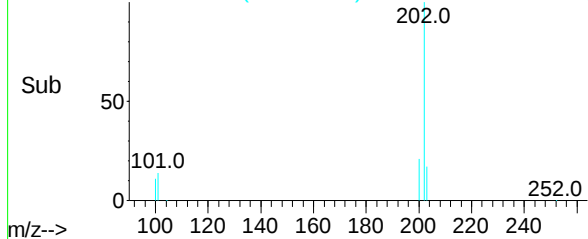


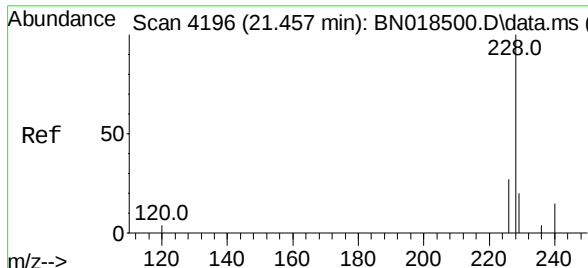
Pyrene
Concen: 2.821 ng/ul
RT: 19.710 min Scan# 3699
Delta R.T. 0.000 min
Lab File: BN018503.D
Acq: 31 Jan 2022 17:35

Tgt Ion:	202	Resp:	18495
Ion Ratio	Lower	Upper	
202	100		
101	14.1	9.0	13.4#
100	11.3	7.0	10.4#



Abundance Scan 3699 (19.710 min): BN018503.D\data.ms (-3656) (-)

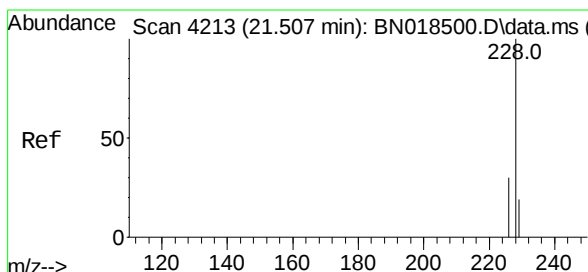
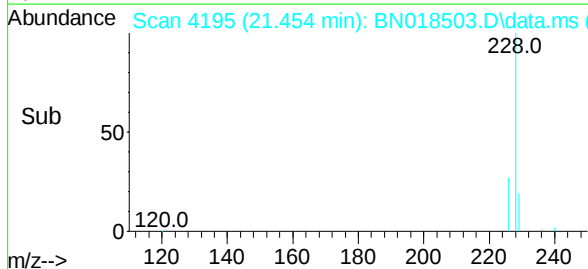
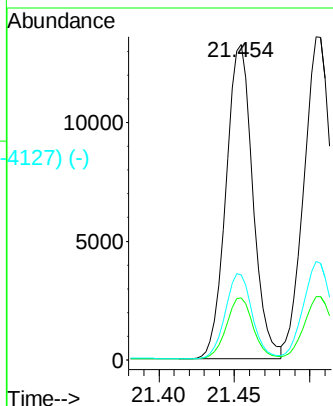
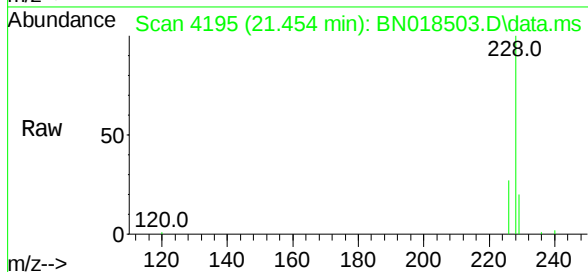




Benzo(a)anthracene
 Concen: 2.713 ng/u1
 RT: 21.454 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: BN018503.D
 Acq: 31 Jan 2022 17:35

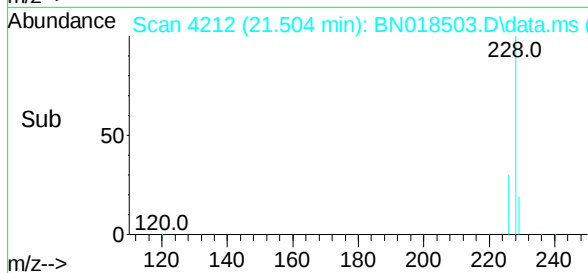
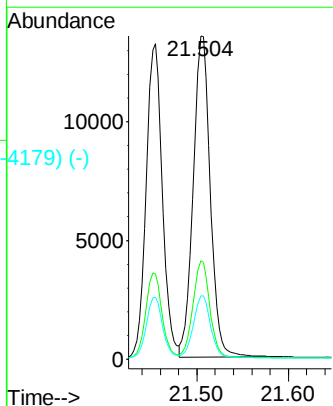
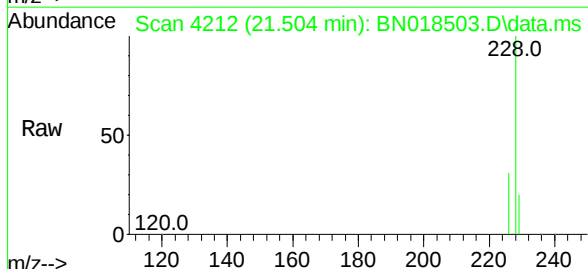
Instrument :
 BNA_N
 ClientSampleId :
 SST03.2234

Tgt Ion:	228	Resp:	16322
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.0	22.1	33.1



Chrysene
 Concen: 2.683 ng/u1
 RT: 21.504 min Scan# 4212
 Delta R.T. -0.003 min
 Lab File: BN018503.D
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Tgt Ion:	228	Resp:	17525
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.6	15.7	23.5



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

Benzo(b)fluoranthene

Concen: 3.156 ng/u1

RT: 23.135 min Scan# 4724

Delta R.T. -0.006 min

Lab File: BN018503.D

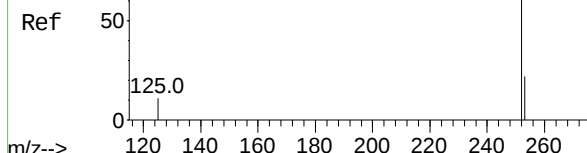
Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234



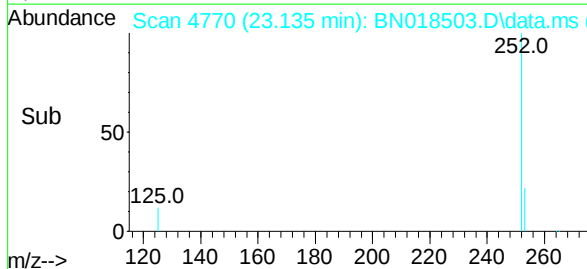
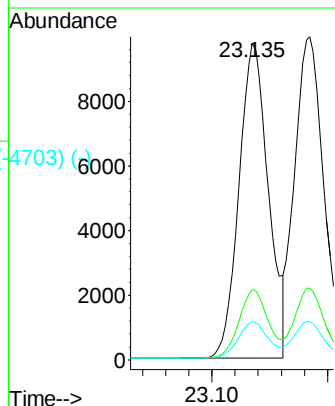
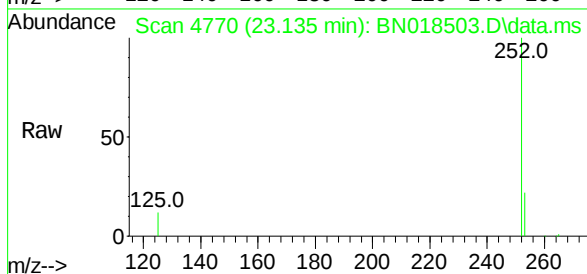
Tgt Ion:252 Resp: 17141

Ion Ratio Lower Upper

252 100

253 22.3 0.0 46.4

125 12.1 0.0 17.8



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

Benzo(k)fluoranthene

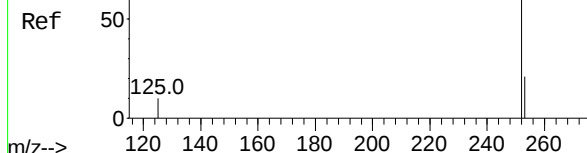
Concen: 2.872 ng/u1

RT: 23.185 min Scan# 4787

Delta R.T. -0.003 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35



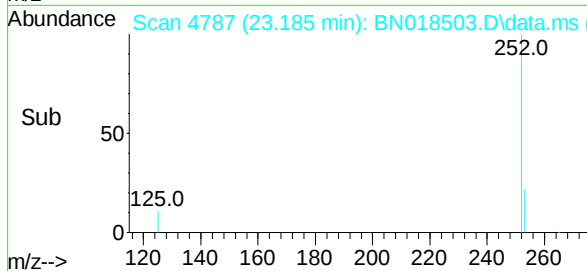
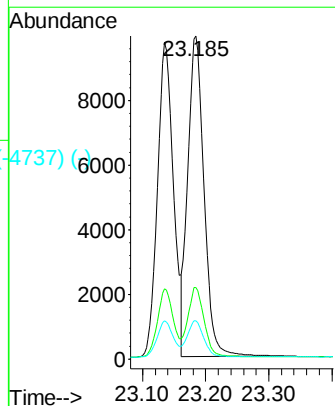
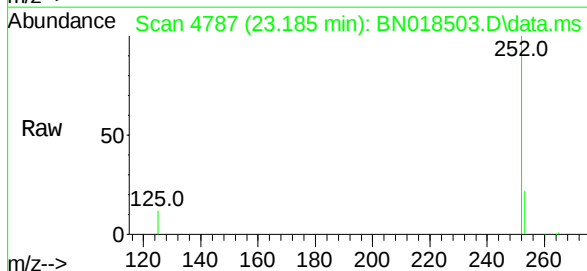
Tgt Ion:252 Resp: 17795

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

125 11.9 7.3 10.9#



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

Benzo(a)pyrene

Concen: 2.802 ng/u1

RT: 23.761 min Scan# 4925

Delta R.T. -0.003 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234

Tgt Ion:252 Resp: 14434

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

125 13.5 8.2 12.2#

Abundance Scan 4984 (23.761 min): BN018503.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 4984 (23.761 min): BN018503.D\data.ms (-4951) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.761

6000

4000

2000

0

Time-->

23.60 23.80

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

Indeno(1,2,3-cd)pyrene

Concen: 2.966 ng/u1

RT: 26.361 min Scan# 5814

Delta R.T. -0.003 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Tgt Ion:276 Resp: 19446

Ion Ratio Lower Upper

276 100

138 29.8 16.5 24.7#

227 0.2 0.1 0.1#

Abundance Scan 5814 (26.361 min): BN018503.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 5814 (26.361 min): BN018503.D\data.ms (-5755) (-)

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

26.361

5000

4000

3000

2000

1000

0

Time-->

26.20 26.40 26.60

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

Dibenzo(a,h)anthracene

Concen: 3.077 ng/ul

RT: 26.378 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN018503.D

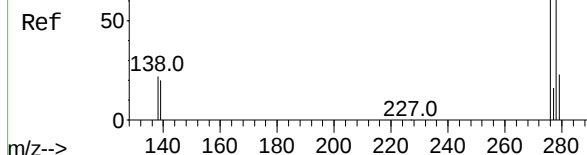
Acq: 31 Jan 2022 17:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2234



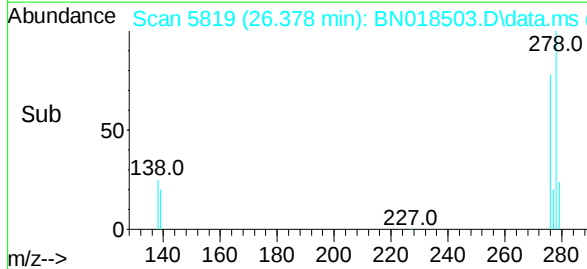
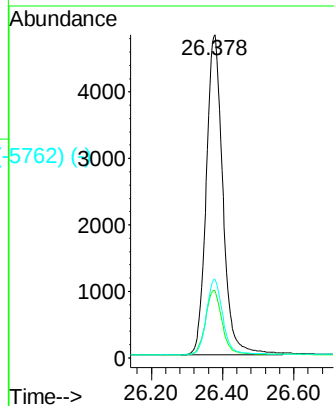
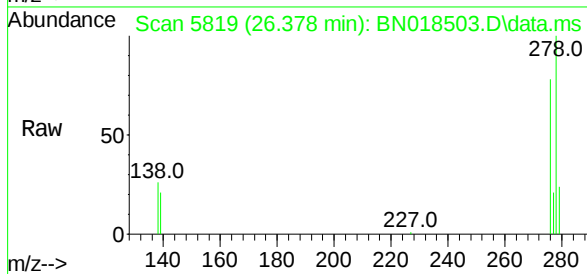
Tgt Ion:278 Resp: 15579

Ion Ratio Lower Upper

278 100

139 20.7 11.9 17.9#

279 24.4 19.5 29.3



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

Benzo(g,h,i)perylene

Concen: 2.874 ng/ul

RT: 27.119 min Scan# 6040

Delta R.T. -0.006 min

Lab File: BN018503.D

Acq: 31 Jan 2022 17:35

Tgt Ion:276 Resp: 16042

Ion Ratio Lower Upper

276 100

138 26.3 14.4 21.6#

277 24.2 19.2 28.8

