

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018502.D
 Acq On : 31 Jan 2022 17:00
 Operator : CG/JU
 Sample : SSTD1.633
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6233

Quant Time: Feb 01 03:46:09 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)

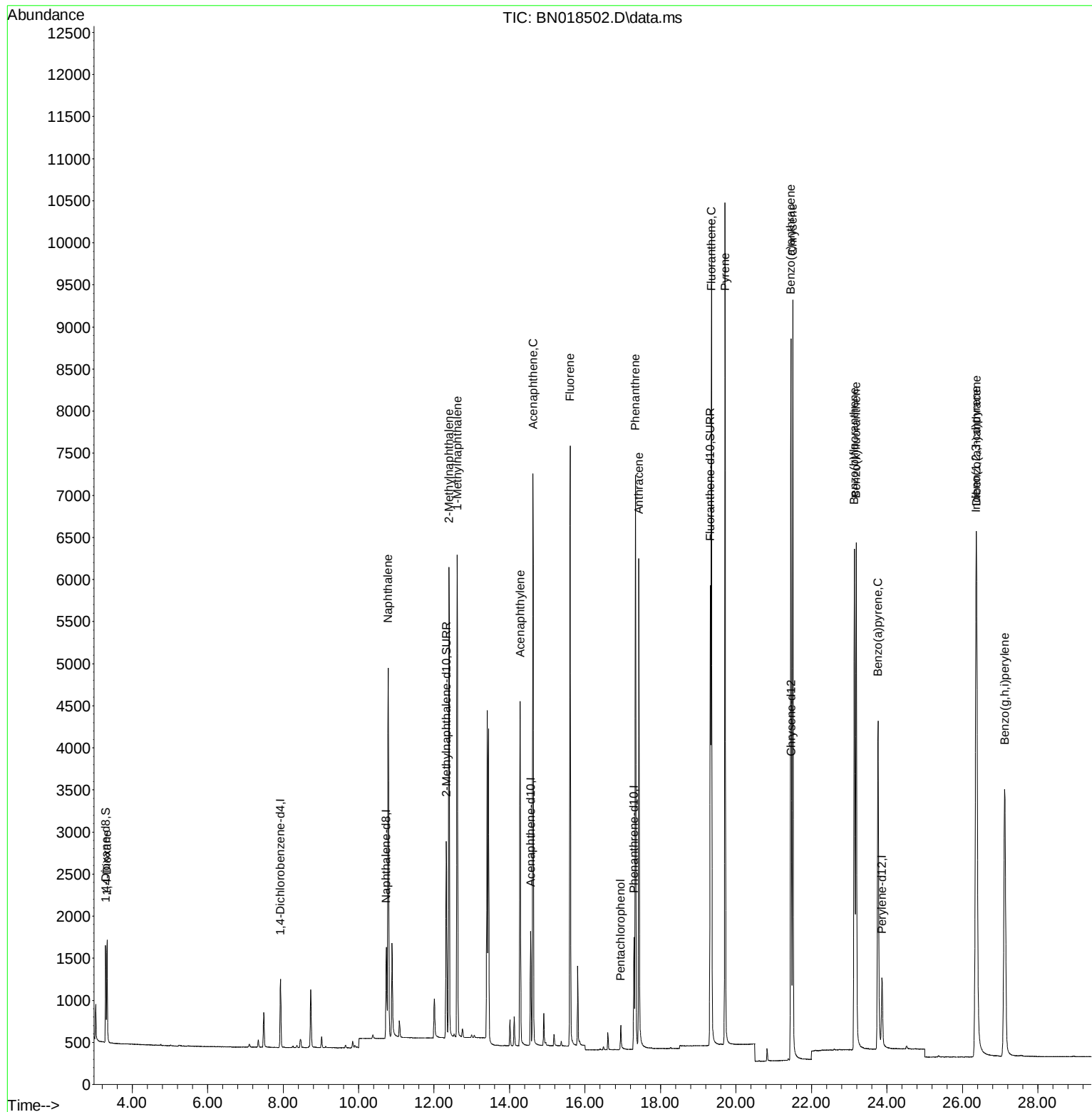
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1447	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.558	164	761	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	1510	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.470	240	1434	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	1200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	722	1.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	3029	1.204	ng/ul	0.00
18) Fluoranthene-d10	19.319	212	5983	1.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	768	1.748	ng/ul#	72
5) Naphthalene	10.783	128	6019	1.402	ng/ul	99
7) 2-Methylnaphthalene	12.394	142	3976	1.266	ng/ul	100
8) 1-Methylnaphthalene	12.614	142	3965	1.252	ng/ul	100
10) Acenaphthylene	14.280	152	4788	1.456	ng/ul	98
11) Acenaphthene	14.623	153	3994	1.508	ng/ul	100
12) Fluorene	15.604	166	4512	1.380	ng/ul	99
14) Pentachlorophenol	16.947	266	221	0.370	ng/ul	97
15) Phenanthrene	17.336	178	7385	1.478	ng/ul	99
16) Anthracene	17.429	178	6437	1.433	ng/ul	99
19) Fluoranthene	19.351	202	8589	1.506	ng/ul#	92
20) Pyrene	19.709	202	8482	1.424	ng/ul#	89
21) Benzo(a)anthracene	21.456	228	7157	1.309	ng/ul	99
22) Chrysene	21.505	228	8114	1.367	ng/ul	99
24) Benzo(b)fluoranthene	23.139	252	7771	1.548	ng/ul	97
25) Benzo(k)fluoranthene	23.186	252	8217	1.435	ng/ul#	96
26) Benzo(a)pyrene	23.765	252	6446	1.353	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.363	276	8489	1.401	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.376	278	6826	1.458	ng/ul#	92
29) Benzo(g,h,i)perylene	27.121	276	7294	1.413	ng/ul#	90

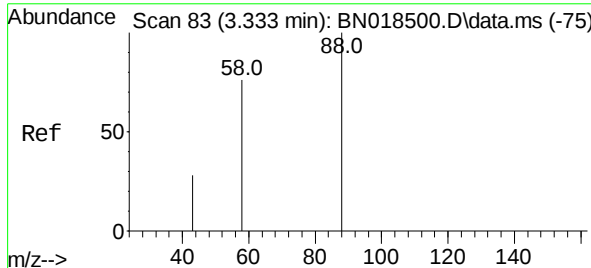
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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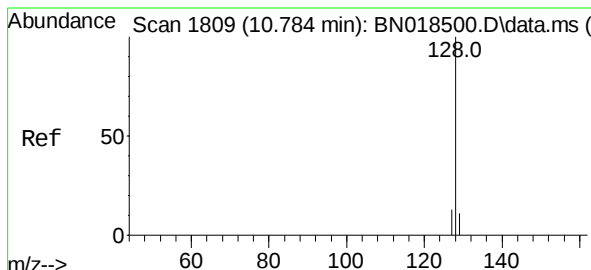
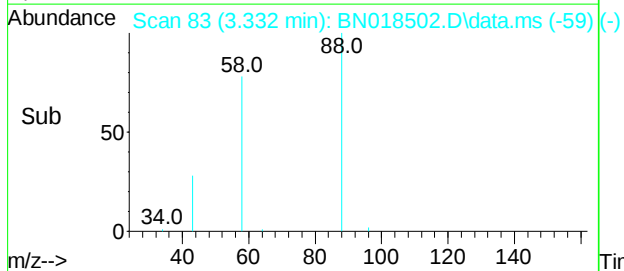
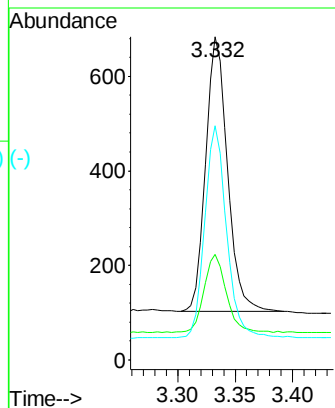
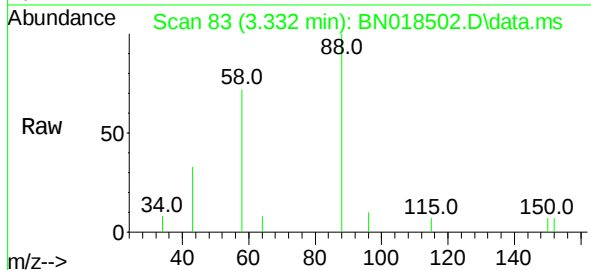




1,4-Dioxane
 Concen: 1.748 ng/ul
 RT: 3.332 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BN018502.D
 Acq: 31 Jan 2022 17:00

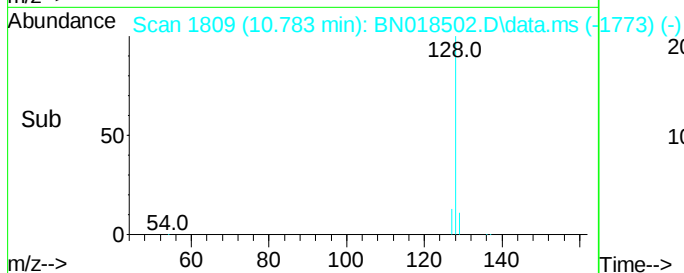
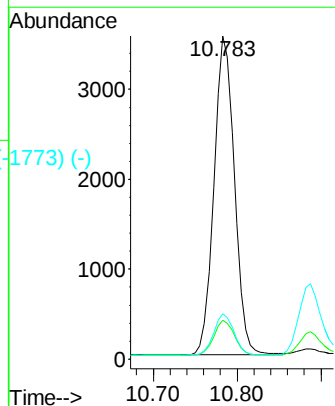
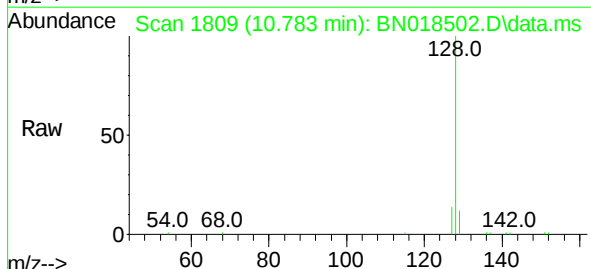
Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6233

Tgt Ion:	88	Resp:	768
Ion	Ratio	Lower	Upper
88	100		
43	32.6	47.8	71.8#
58	72.4	46.2	69.2#



Naphthalene
 Concen: 1.402 ng/ul
 RT: 10.783 min Scan# 1809
 Delta R.T. -0.002 min
 Lab File: BN018502.D
 Acq: 31 Jan 2022 17:00

Tgt Ion:	128	Resp:	6019
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.1	11.0	16.6



Abundance Scan 2102 (12.396 min): BN018500.D\data.ms (-2089) (-)

2-Methylnaphthalene

Concen: 1.266 ng/u1

RT: 12.394 min Scan# 2102

Delta R.T. -0.002 min

Lab File: BN018502.D

Acq: 31 Jan 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTD1.6233

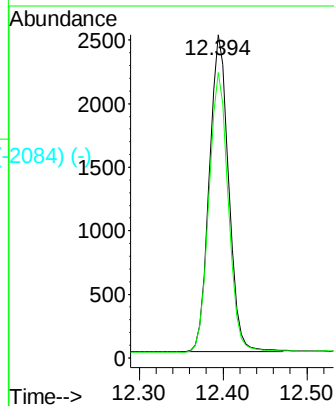
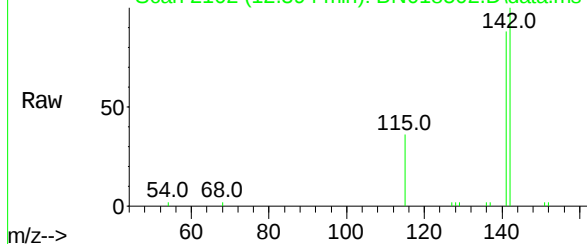
Tgt Ion:142 Resp: 3976

Ion Ratio Lower Upper

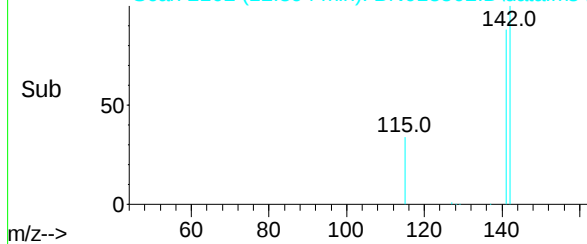
142 100

141 88.3 70.9 106.3

Abundance Scan 2102 (12.394 min): BN018502.D\data.ms



Abundance Scan 2102 (12.394 min): BN018502.D\data.ms (-2084) (-)



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

1-Methylnaphthalene

Concen: 1.252 ng/u1

RT: 12.614 min Scan# 2142

Delta R.T. -0.002 min

Lab File: BN018502.D

Acq: 31 Jan 2022 17:00

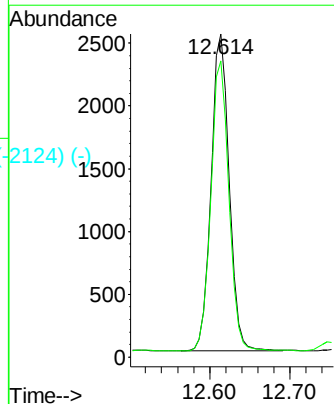
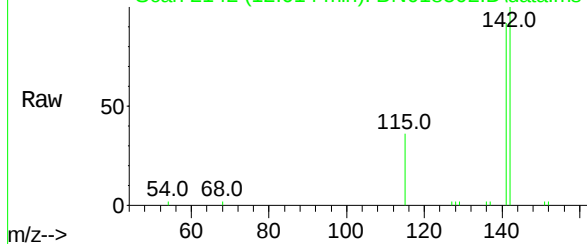
Tgt Ion:142 Resp: 3965

Ion Ratio Lower Upper

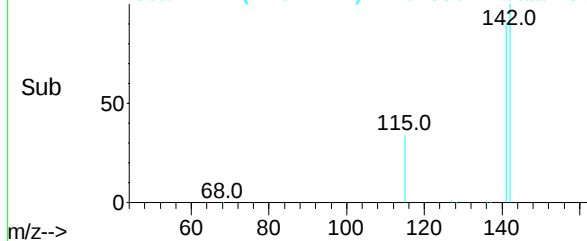
142 100

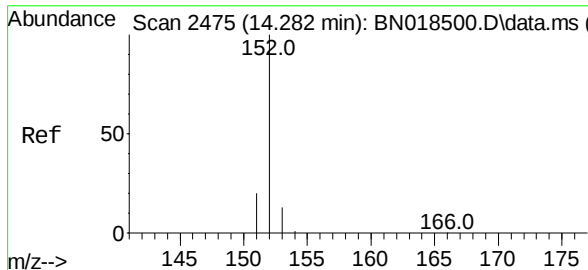
141 91.8 73.2 109.8

Abundance Scan 2142 (12.614 min): BN018502.D\data.ms



Abundance Scan 2142 (12.614 min): BN018502.D\data.ms (-2124) (-)

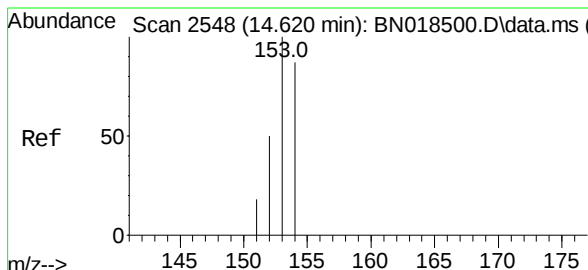
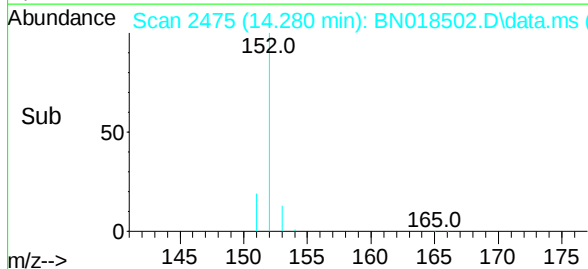
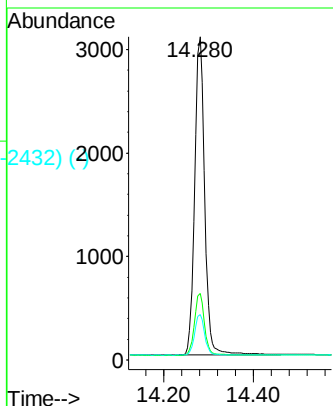
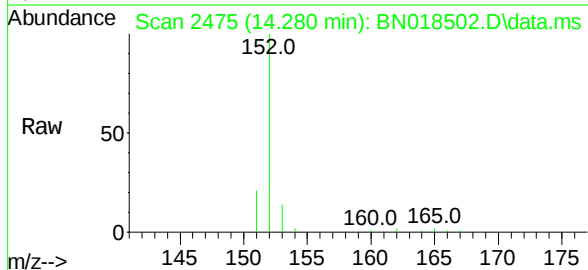




Acenaphthylene
Concen: 1.456 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

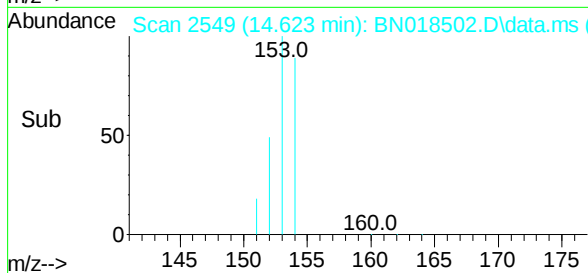
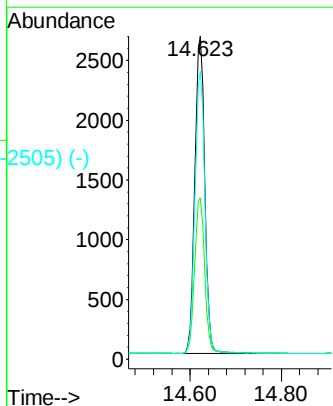
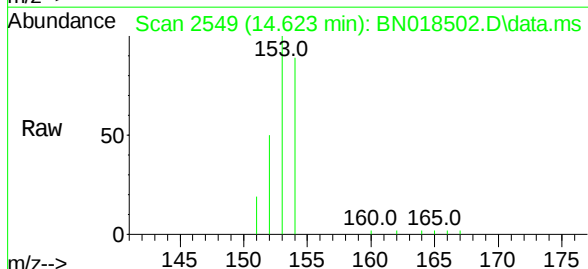
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

Tgt Ion:	152	Resp:	4788
Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.1	10.7	16.1



Acenaphthene
Concen: 1.508 ng/ul
RT: 14.623 min Scan# 2549
Delta R.T. 0.003 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:	153	Resp:	3994
Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.7	59.5
154	89.1	70.9	106.3



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

Fluorene

Concen: 1.380 ng/ul

RT: 15.604 min Scan# 2761

Delta R.T. -0.002 min

Lab File: BN018502.D

Acq: 31 Jan 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTD1.6233

Tgt Ion:166 Resp: 4512

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

167 14.4 11.6 17.4

Abundance Scan 2761 (15.604 min): BN018502.D\data.ms

Ref 50

151.0

166.0

165

167

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2761 (15.604 min): BN018502.D\data.ms (-2740) (2000)

Ref 50

152.0

166.0

165

167

m/z-->

145 150 155 160 165 170 175

Abundance

3000

15.604

2000

1000

0

Time-->

15.60

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

Pentachlorophenol

Concen: 0.370 ng/ul

RT: 16.947 min Scan# 3071

Delta R.T. -0.001 min

Lab File: BN018502.D

Acq: 31 Jan 2022 17:00

Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 63.8 49.9 74.9

268 62.0 51.7 77.5

Abundance Scan 3071 (16.947 min): BN018502.D\data.ms

Ref 50

80.0

179.0

266.0

264

268

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

150

16.947

100

50

0

Time-->

16.90 17.00

Abundance Scan 3071 (16.947 min): BN018502.D\data.ms (-3048) (-)

Ref 50

80.0

179.0

266.0

264

268

m/z-->

80 100 120 140 160 180 200 220 240 260

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

Phenanthrene

Concen: 1.478 ng/u1

RT: 17.336 min Scan# 3163

Delta R.T. -0.005 min

Lab File: BN018502.D

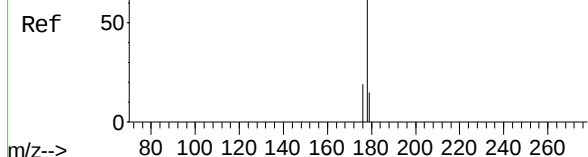
Acq: 31 Jan 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTD1.6233



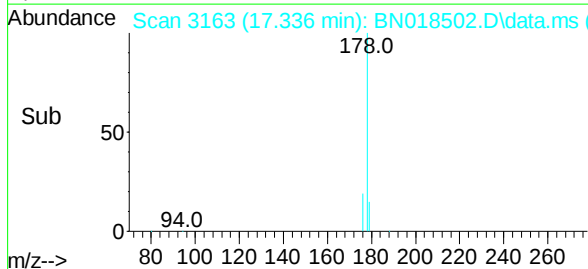
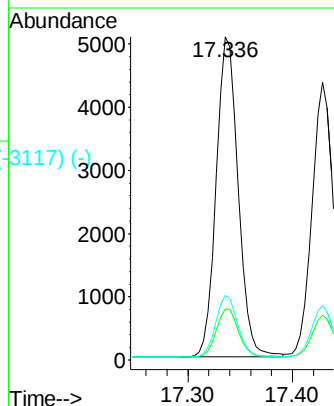
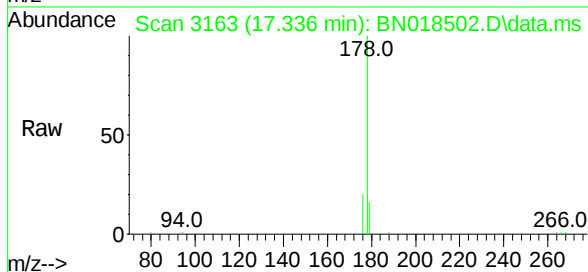
Tgt Ion:178 Resp: 7385

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 20.0 15.4 23.2



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

Anthracene

Concen: 1.433 ng/u1

RT: 17.429 min Scan# 3185

Delta R.T. -0.001 min

Lab File: BN018502.D

Acq: 31 Jan 2022 17:00

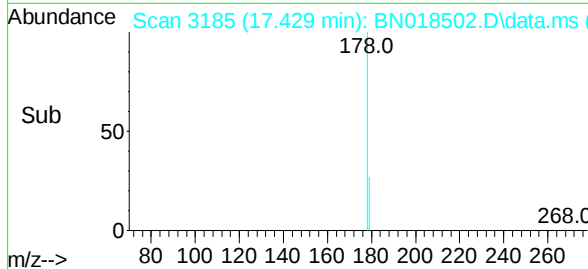
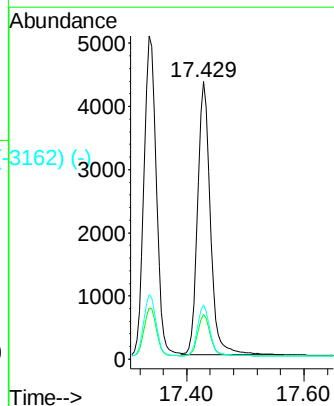
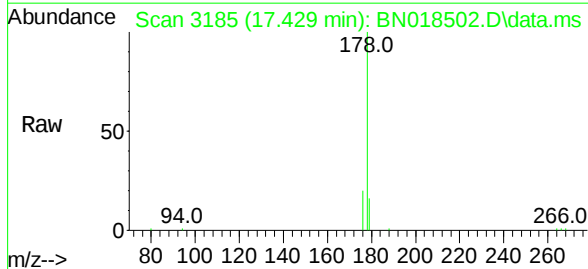
Tgt Ion:178 Resp: 6437

Ion Ratio Lower Upper

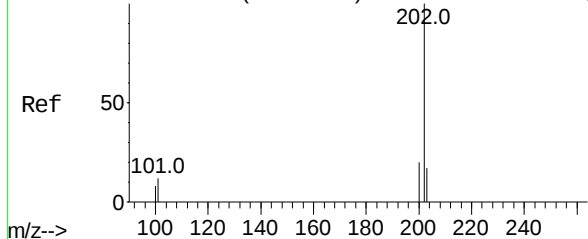
178 100

179 16.2 12.3 18.5

176 19.7 15.5 23.3



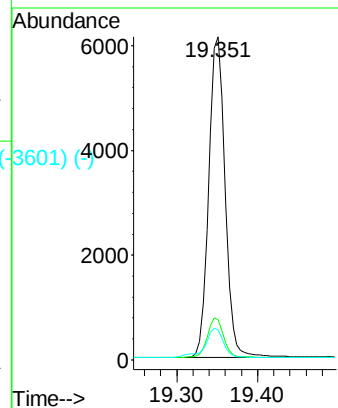
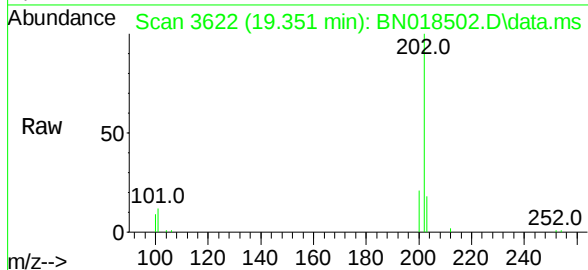
Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



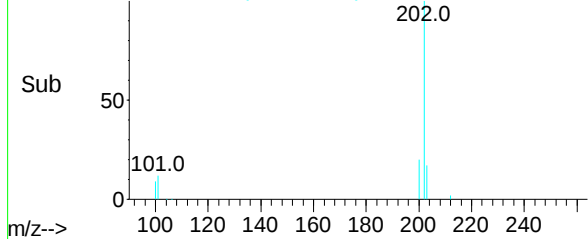
Fluoranthene
Concen: 1.506 ng/ul
RT: 19.351 min Scan# 3622
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTD1.6233

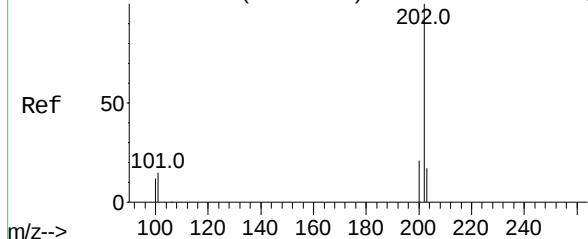
Tgt Ion:	202	Resp:	8589
Ion Ratio	Lower	Upper	
202	100		
101	12.4	7.5	11.3#
100	9.2	5.4	8.2#



Abundance Scan 3622 (19.351 min): BN018502.D\data.ms (-3601) (-)

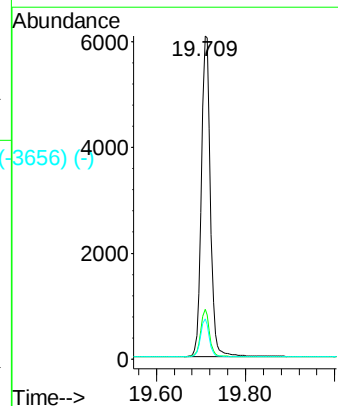
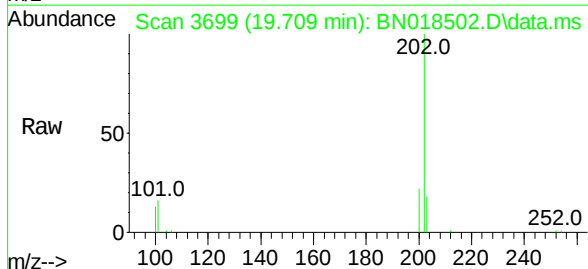


Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)

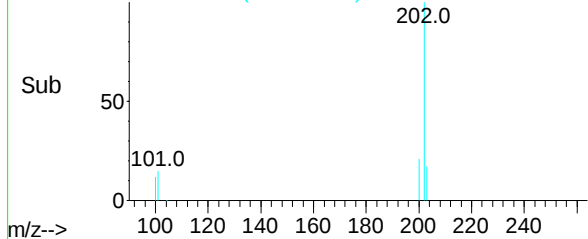


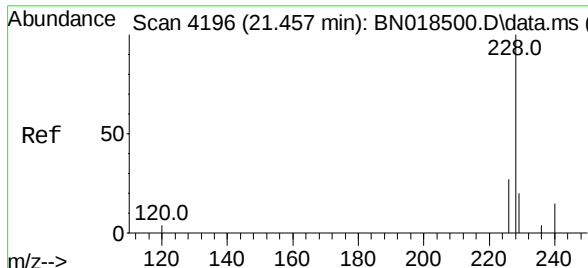
Pyrene
Concen: 1.424 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:	202	Resp:	8482
Ion Ratio	Lower	Upper	
202	100		
101	15.5	9.0	13.4#
100	12.5	7.0	10.4#



Abundance Scan 3699 (19.709 min): BN018502.D\data.ms (-3656) (-)

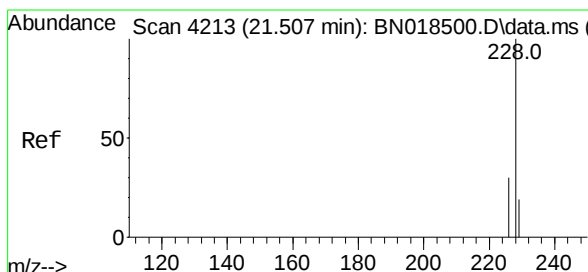
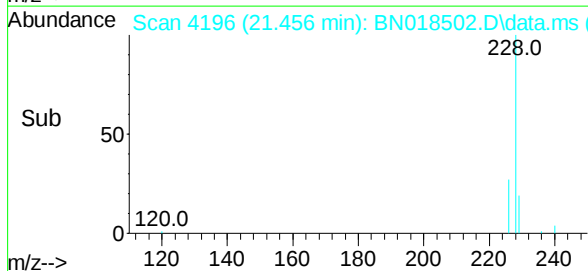
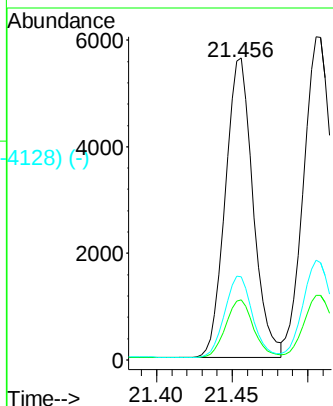
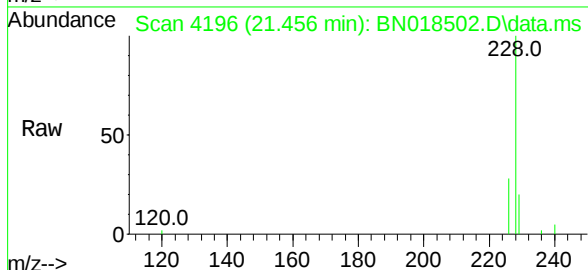




Benzo(a)anthracene
 Concen: 1.309 ng/ul
 RT: 21.456 min Scan# 4196
 Delta R.T. -0.001 min
 Lab File: BN018502.D
 Acq: 31 Jan 2022 17:00

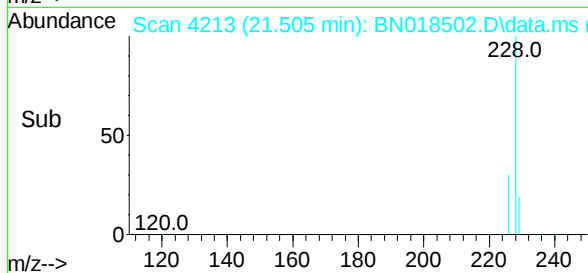
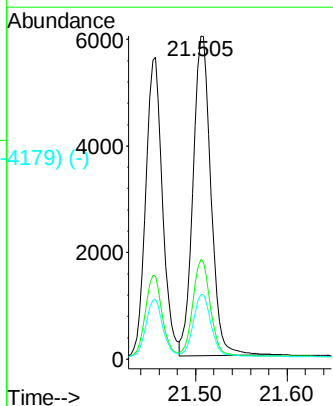
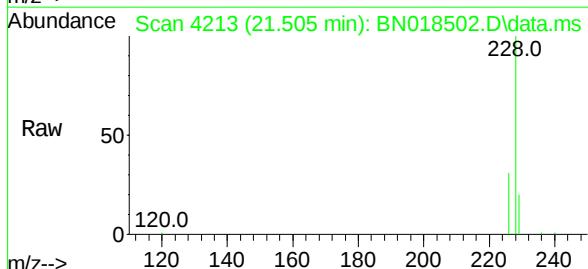
Instrument :
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Tgt Ion:	228	Resp:	7157
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.5	22.1	33.1



Chrysene
 Concen: 1.367 ng/ul
 RT: 21.505 min Scan# 4213
 Delta R.T. -0.001 min
 Lab File: BN018502.D
 Acq: 31 Jan 2022 17:00

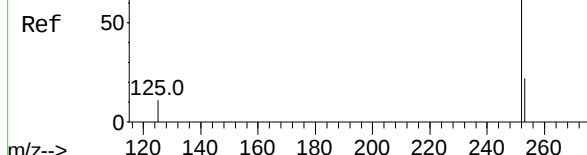
Tgt Ion:	228	Resp:	8114
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	19.9	15.7	23.5



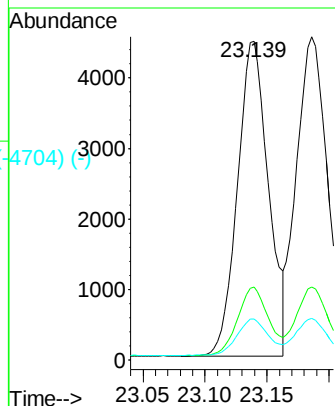
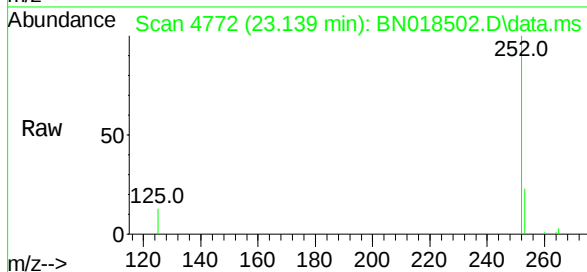
Abundance Scan 4772 (23.140 min): BN018500.D\data.ms (-4724) (-)

Benzo(b)fluoranthene
Concen: 1.548 ng/u1
RT: 23.139 min Scan# 4772
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

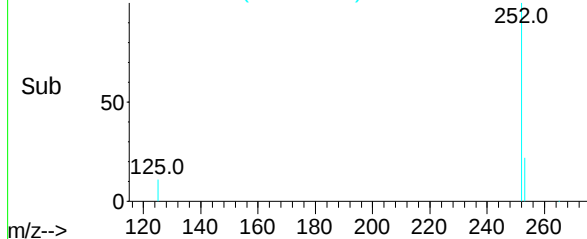
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233



Tgt Ion:	252	Resp:	7771
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	46.4
125	12.7	0.0	17.8



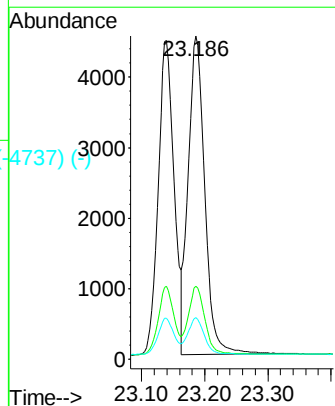
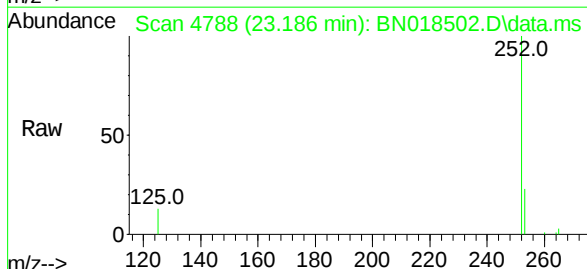
Abundance Scan 4772 (23.139 min): BN018502.D\data.ms (-4704) (-)



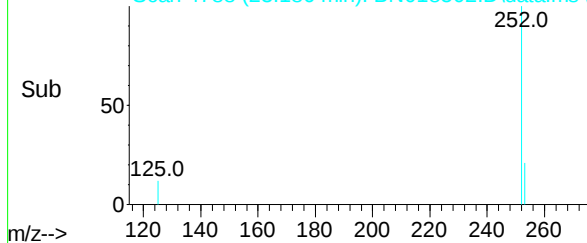
Abundance Scan 4788 (23.187 min): BN018500.D\data.ms (-4725) (-)

Benzo(k)fluoranthene
Concen: 1.435 ng/u1
RT: 23.186 min Scan# 4788
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:	252	Resp:	8217
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.6	28.0
125	12.8	7.3	10.9#



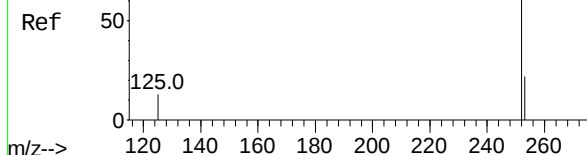
Abundance Scan 4788 (23.186 min): BN018502.D\data.ms (-4737) (-)



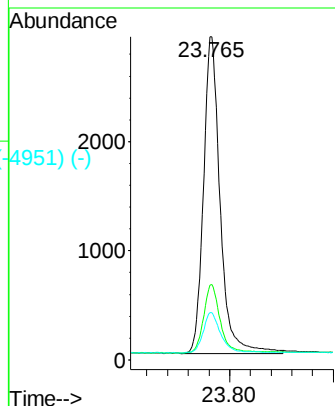
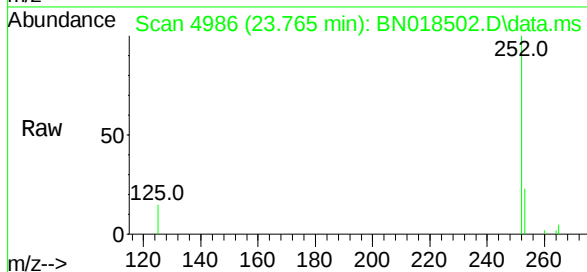
Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 1.353 ng/u1
RT: 23.765 min Scan# 4925
Delta R.T. 0.002 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

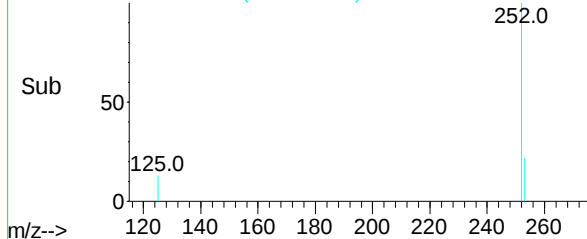
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233



Tgt Ion:	252	Resp:	6446
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.9	28.3
125	14.7	8.2	12.2#



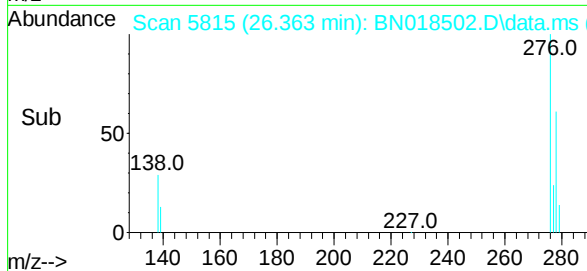
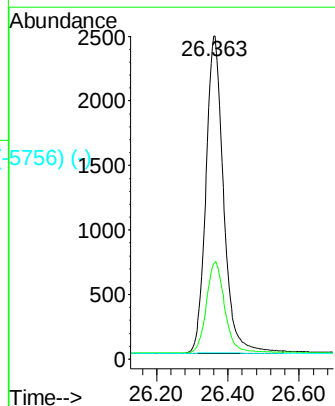
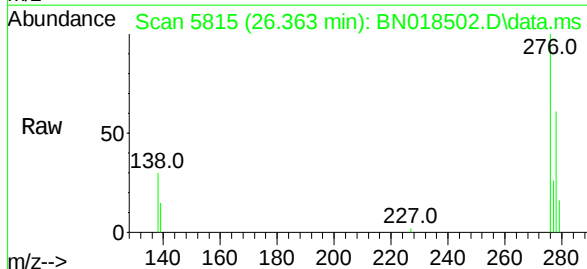
Abundance Scan 4986 (23.765 min): BN018502.D\data.ms (-4951) (-)



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

Indeno(1,2,3-cd)pyrene
Concen: 1.401 ng/u1
RT: 26.363 min Scan# 5815
Delta R.T. -0.001 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

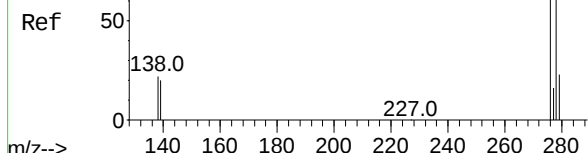
Tgt Ion:	276	Resp:	8489
Ion Ratio	Lower	Upper	
276	100		
138	29.9	16.5	24.7#
227	0.2	0.1	0.1#



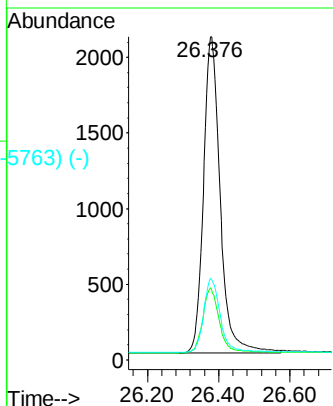
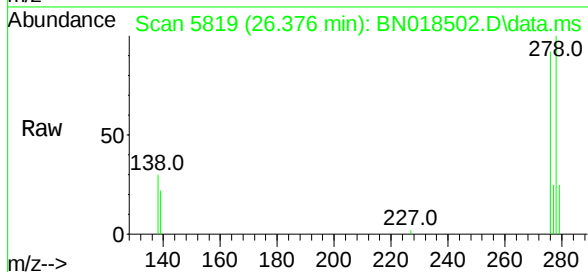
Abundance Scan 5822 (26.388 min): BN018500.D\data.ms (-5629) (-)

Dibenzo(a,h)anthracene
Concen: 1.458 ng/ul
RT: 26.376 min Scan# 6029
Delta R.T. -0.011 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

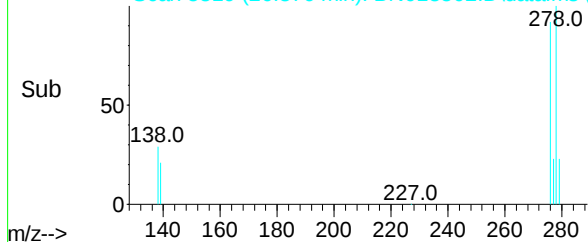
Instrument :
BNA_N
ClientSampleId :
SSTD1.6233



Tgt Ion:	278	Resp:	6826
Ion	Ratio	Lower	Upper
278	100		
139	22.3	11.9	17.9#
279	25.4	19.5	29.3



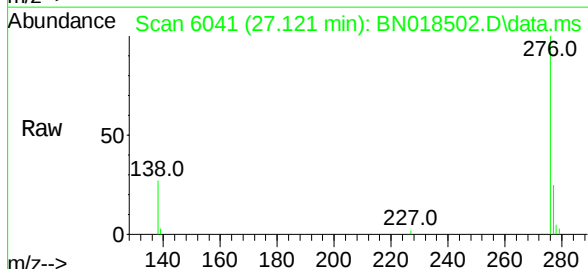
Abundance Scan 5819 (26.376 min): BN018502.D\data.ms (-5763) (-)



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

Benzo(g,h,i)perylene
Concen: 1.413 ng/ul
RT: 27.121 min Scan# 6041
Delta R.T. -0.005 min
Lab File: BN018502.D
Acq: 31 Jan 2022 17:00

Tgt Ion:	276	Resp:	7294
Ion	Ratio	Lower	Upper
276	100		
138	27.4	14.4	21.6#
277	25.0	19.2	28.8



Abundance Scan 6041 (27.121 min): BN018502.D\data.ms (-5983) (-)

