

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018498.D
 Acq On : 31 Jan 2022 14:38
 Operator : CG/JU
 Sample : SSTD0.129
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1229

Quant Time: Feb 01 03:45:17 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)

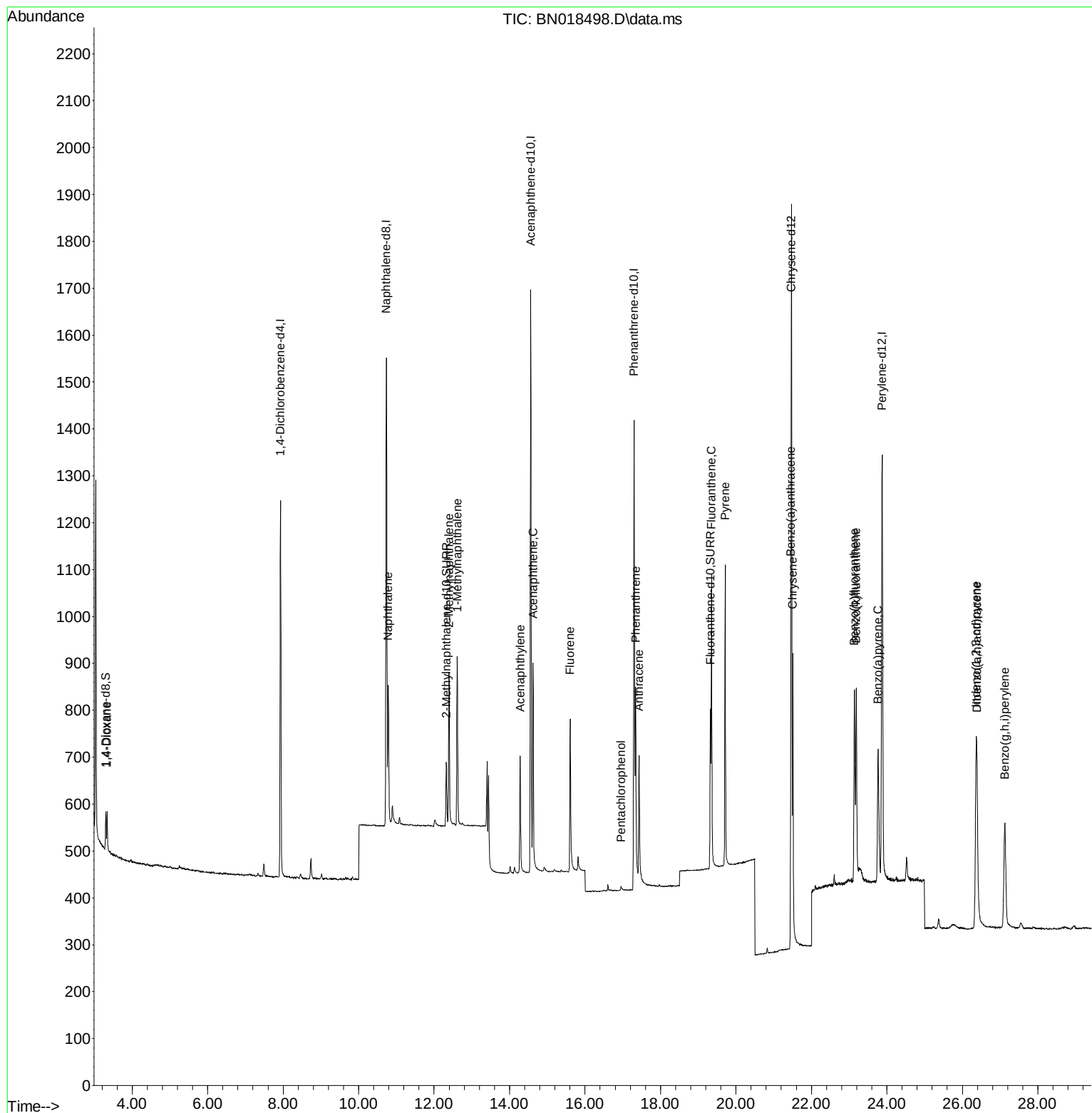
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1434	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.562	164	740	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	1364	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.470	240	1374	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	1357	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	55	0.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	197	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	403	0.099	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	68	0.153	ng/ul	98
5) Naphthalene	10.783	128	410	0.096	ng/ul#	65
7) 2-Methylnaphthalene	12.394	142	252	0.081	ng/ul	97
8) 1-Methylnaphthalene	12.614	142	265	0.084	ng/ul	99
10) Acenaphthylene	14.280	152	331	0.104	ng/ul#	63
11) Acenaphthene	14.623	153	271	0.105	ng/ul#	91
12) Fluorene	15.608	166	278	0.087	ng/ul#	92
14) Pentachlorophenol	16.956	266	10	0.019	ng/ul#	67
15) Phenanthrene	17.340	178	458	0.101	ng/ul#	73
16) Anthracene	17.433	178	368	0.091	ng/ul#	65
19) Fluoranthene	19.351	202	538	0.098	ng/ul#	67
20) Pyrene	19.713	202	578	0.101	ng/ul#	70
21) Benzo(a)anthracene	21.456	228	492	0.094	ng/ul#	83
22) Chrysene	21.505	228	544	0.096	ng/ul#	85
24) Benzo(b)fluoranthene	23.139	252	584	0.103	ng/ul#	61
25) Benzo(k)fluoranthene	23.189	252	605	0.093	ng/ul#	64
26) Benzo(a)pyrene	23.765	252	490	0.091	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.363	276	636	0.093	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.386	278	485	0.092	ng/ul#	42
29) Benzo(g,h,i)perylene	27.124	276	544	0.093	ng/ul#	52

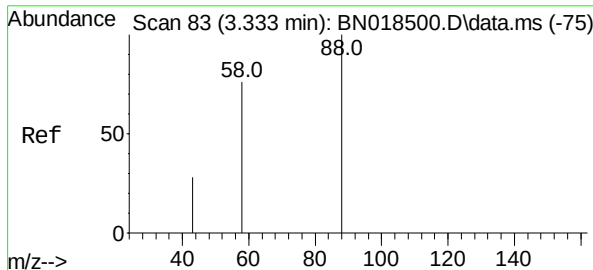
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
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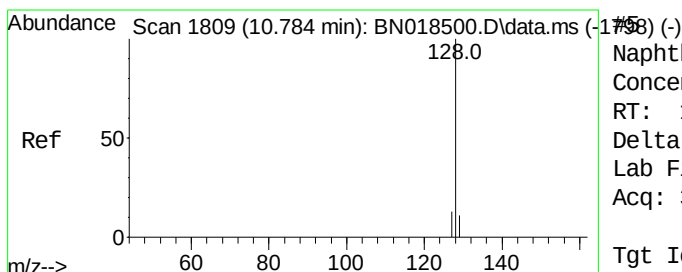
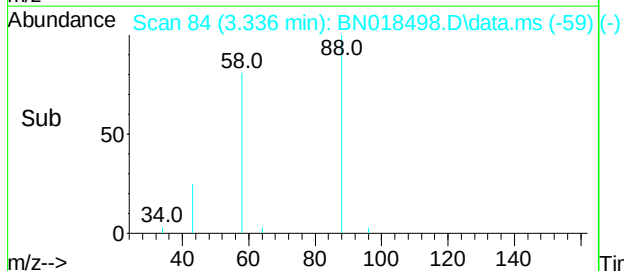
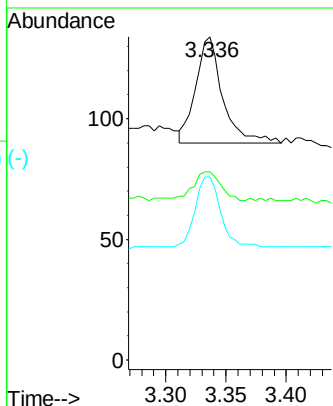
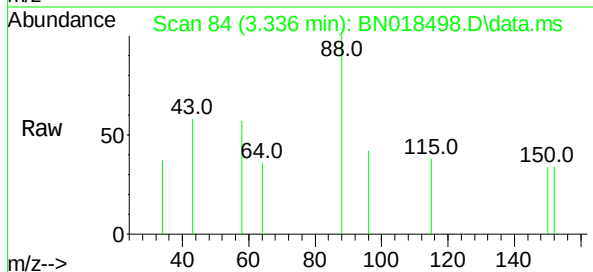




1,4-Dioxane
 Concen: 0.153 ng/ul
 RT: 3.336 min Scan# 83
 Delta R.T. 0.004 min
 Lab File: BN018498.D
 Acq: 31 Jan 2022 14:38

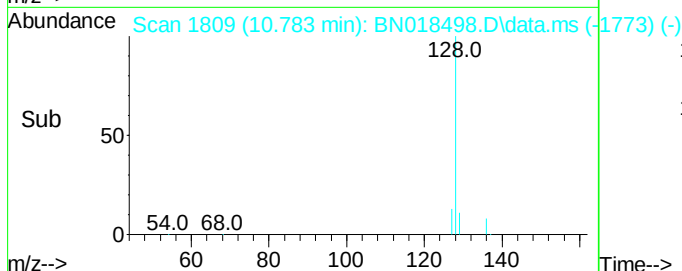
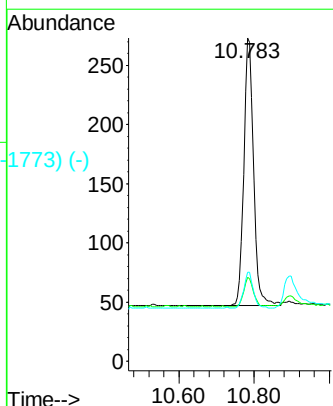
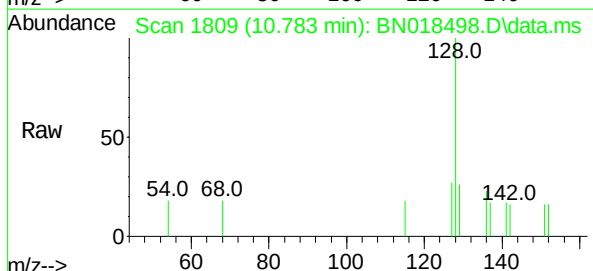
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1229

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 43 58.2 47.8 71.8
 58 56.7 46.2 69.2



Naphthalene
 Concen: 0.096 ng/ul
 RT: 10.783 min Scan# 1809
 Delta R.T. -0.002 min
 Lab File: BN018498.D
 Acq: 31 Jan 2022 14:38

Tgt Ion: 128 Resp: 410
 Ion Ratio Lower Upper
 128 100
 129 26.0 9.4 14.0#
 127 27.5 11.0 16.6#



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

2-Methylnaphthalene

Concen: 0.081 ng/ul

RT: 12.394 min Scan# 2102

Delta R.T. -0.002 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229

Tgt Ion:142 Resp: 252

Ion Ratio Lower Upper

142 100

141 91.7 70.9 106.3

Abundance Scan 2102 (12.394 min): BN018498.D\data.ms

Ref

54.0 68.0 115.0 142.0

m/z-->

Raw

54.0 68.0 115.0 142.0

m/z-->

Sub

54.0 68.0 115.0 142.0

m/z-->

Abundance

12.394

150

100

50

0

Time-->

12.40

Abundance Scan 2142 (12.616 min): BN018500.D\data.ms (-2124) (-)

1-Methylnaphthalene

Concen: 0.084 ng/ul

RT: 12.614 min Scan# 2142

Delta R.T. -0.002 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Tgt Ion:142 Resp: 265

Ion Ratio Lower Upper

142 100

141 92.5 73.2 109.8

Abundance Scan 2142 (12.614 min): BN018498.D\data.ms

Ref

54.0 68.0 115.0 142.0

m/z-->

Raw

54.0 68.0 115.0 142.0

m/z-->

Sub

54.0 68.0 115.0 142.0

m/z-->

Abundance

12.614

200

150

100

50

0

Time-->

12.60 12.70

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

Acenaphthylene

Concen: 0.104 ng/ul

RT: 14.280 min Scan# 2475

Delta R.T. -0.002 min

Lab File: BN018498.D

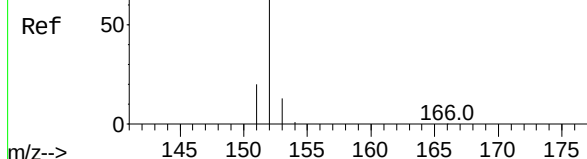
Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229



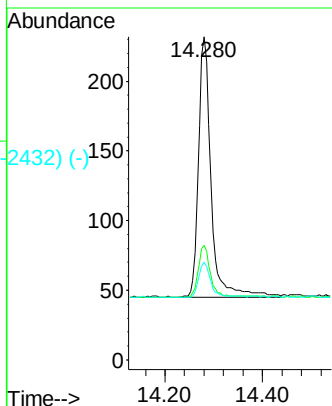
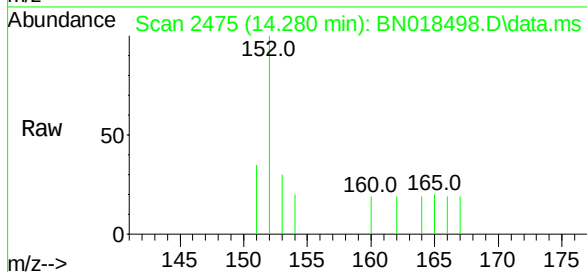
Tgt Ion:152 Resp: 331

Ion Ratio Lower Upper

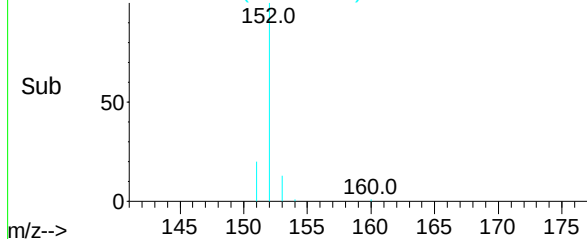
152 100

151 35.3 15.8 23.8#

153 30.2 10.7 16.1#



Abundance Scan 2475 (14.280 min): BN018498.D\data.ms (-2432) (-)



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

Acenaphthene

Concen: 0.105 ng/ul

RT: 14.623 min Scan# 2549

Delta R.T. 0.003 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

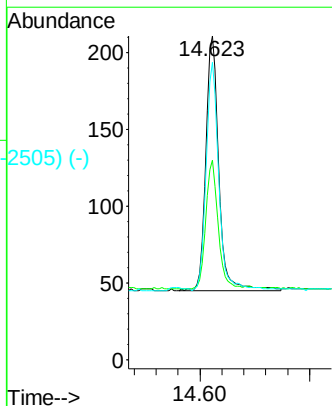
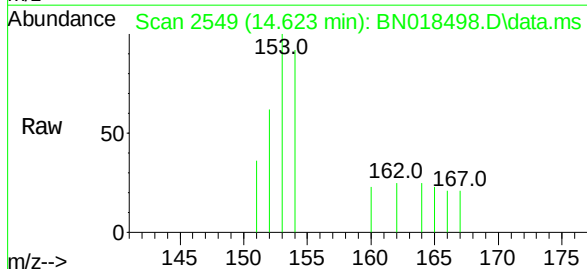
Tgt Ion:153 Resp: 271

Ion Ratio Lower Upper

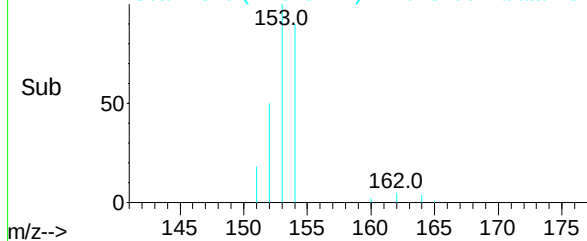
153 100

152 61.6 39.7 59.5#

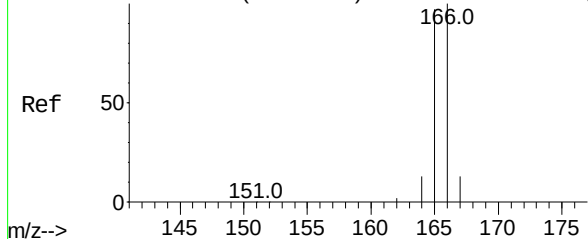
154 91.9 70.9 106.3



Abundance Scan 2549 (14.623 min): BN018498.D\data.ms (-2505) (-)



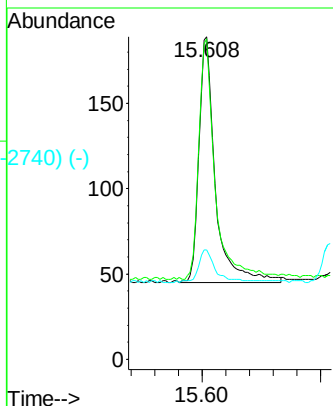
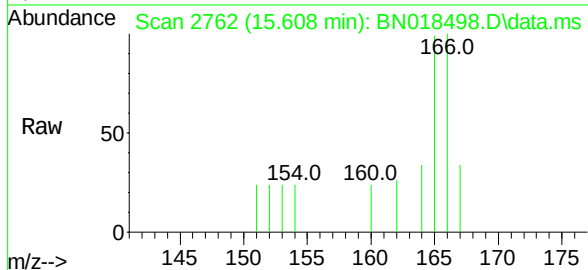
Abundance Scan 2761 (15.605 min): BN018500.D\data.ms (-2761) (-)



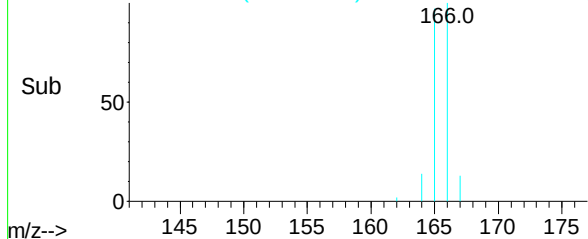
Fluorene
Concen: 0.087 ng/ul
RT: 15.608 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

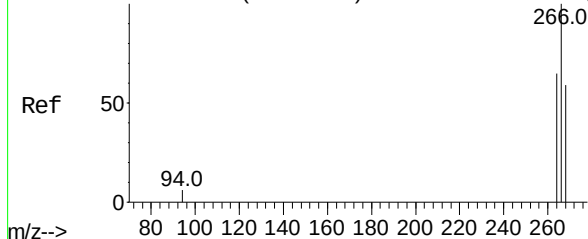
Tgt Ion:	166	Resp:	278
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.6
167	33.9	11.6	17.4#



Abundance Scan 2762 (15.608 min): BN018498.D\data.ms (-2740) (-)

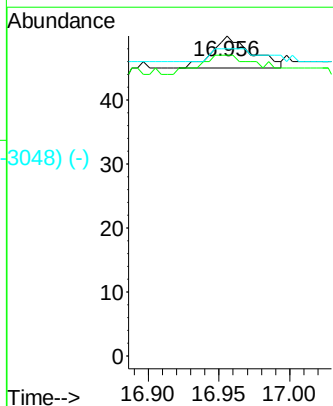
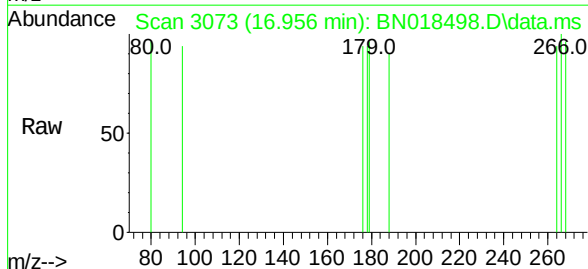


Abundance Scan 3071 (16.949 min): BN018500.D\data.ms (-3071) (-)

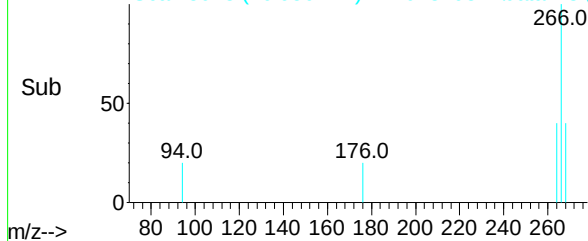


Pentachlorophenol
Concen: 0.019 ng/ul
RT: 16.956 min Scan# 3073
Delta R.T. 0.007 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

Tgt Ion:	266	Resp:	10
Ion	Ratio	Lower	Upper
266	100		
264	100.0	49.9	74.9#
268	50.0	51.7	77.5#



Abundance Scan 3073 (16.956 min): BN018498.D\data.ms (-3048) (-)



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

Phenanthrene

Concen: 0.101 ng/ul

RT: 17.340 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229

Tgt Ion:178 Resp: 458

Ion Ratio Lower Upper

178 100

179 27.8 12.2 18.4#

176 30.6 15.4 23.2#

Abundance Scan 3164 (17.340 min): BN018498.D\data.ms

178.0

80.0

266.0

Raw

50

0

80 100 120 140 160 180 200 220 240 260

m/z-->

Abundance Scan 3164 (17.340 min): BN018498.D\data.ms (-3117) (-)

178.0

80.0

Sub

50

0

80 100 120 140 160 180 200 220 240 260

m/z-->

Abundance

17.340

300

200

100

0

17.30 17.40

Time-->

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

Anthracene

Concen: 0.091 ng/ul

RT: 17.433 min Scan# 3186

Delta R.T. 0.003 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Tgt Ion:178 Resp: 368

Ion Ratio Lower Upper

178 100

179 31.9 12.3 18.5#

176 33.5 15.5 23.3#

Abundance Scan 3186 (17.433 min): BN018498.D\data.ms

178.0

80.0

266.0

Raw

50

0

80 100 120 140 160 180 200 220 240 260

m/z-->

Abundance Scan 3186 (17.433 min): BN018498.D\data.ms (-3162) (-)

178.0

266.0

Sub

50

0

80 100 120 140 160 180 200 220 240 260

m/z-->

Abundance

17.433

300

200

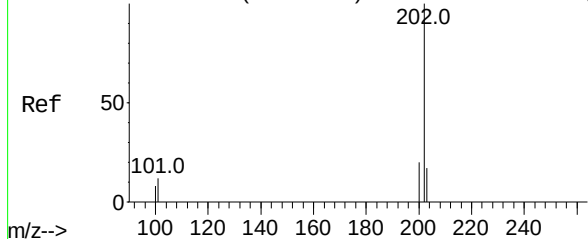
100

0

17.40 17.50

Time-->

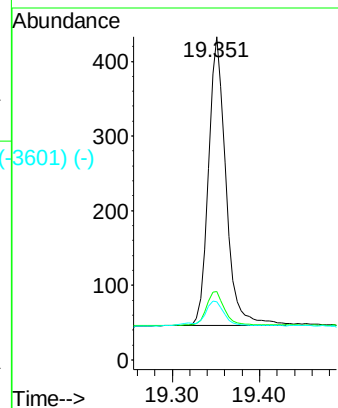
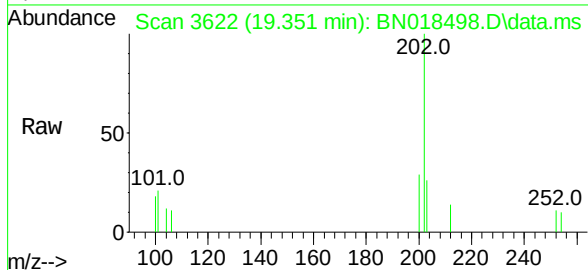
Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



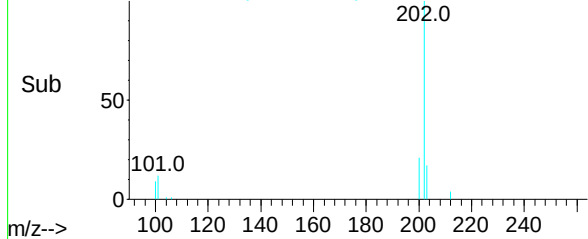
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.351 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.1229

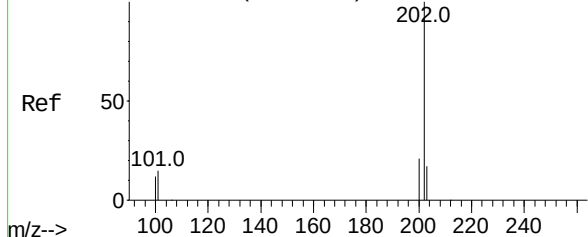
Tgt Ion:	202	Resp:	538
Ion	Ratio	Lower	Upper
202	100		
101	21.2	7.5	11.3#
100	18.0	5.4	8.2#



Abundance Scan 3622 (19.351 min): BN018498.D\data.ms (-3601) (-)

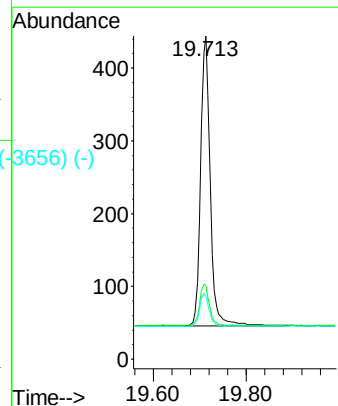
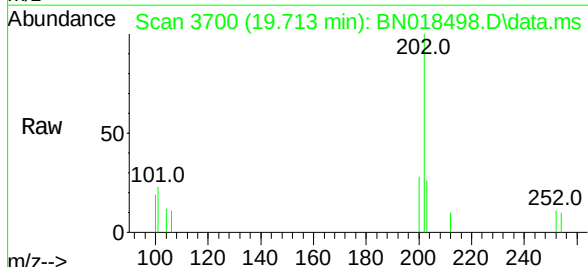


Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)

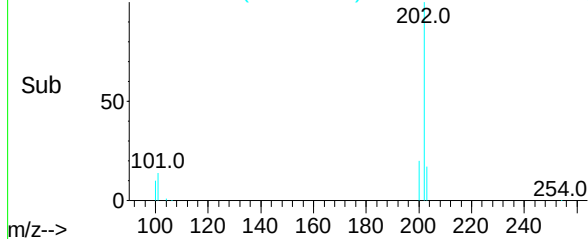


Pyrene
Concen: 0.101 ng/ul
RT: 19.713 min Scan# 3700
Delta R.T. 0.003 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

Tgt Ion:	202	Resp:	578
Ion	Ratio	Lower	Upper
202	100		
101	22.7	9.0	13.4#
100	19.4	7.0	10.4#



Abundance Scan 3700 (19.713 min): BN018498.D\data.ms (-3656) (-)



Abundance Scan 4196 (21.457 min): BN018500.D\data.ms (-4121) (-)

Benzo(a)anthracene

Concen: 0.094 ng/ul

RT: 21.456 min Scan# 4196

Delta R.T. -0.001 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229

Tgt Ion:228 Resp: 492

Ion Ratio Lower Upper

228 100

229 28.5 15.6 23.4#

226 35.1 22.1 33.1#

Abundance Scan 4196 (21.456 min): BN018498.D\data.ms

Ref 50

120.0

228.0

Raw 50

120.0

228.0

m/z-->

120 140 160 180 200 220 240

Abundance Scan 4196 (21.456 min): BN018498.D\data.ms (-4128) (-)

Sub 50

120.0

228.0

m/z-->

120 140 160 180 200 220 240

Abundance

21.456

400

300

200

100

0

Time-->

21.40 21.45

Abundance Scan 4213 (21.507 min): BN018500.D\data.ms (-4123) (-)

Chrysene

Concen: 0.096 ng/ul

RT: 21.505 min Scan# 4213

Delta R.T. -0.001 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38

Tgt Ion:228 Resp: 544

Ion Ratio Lower Upper

228 100

226 37.2 24.2 36.4#

229 28.4 15.7 23.5#

Abundance Scan 4213 (21.505 min): BN018498.D\data.ms

Ref 50

120.0

228.0

Raw 50

120.0

228.0

m/z-->

120 140 160 180 200 220 240

Abundance Scan 4213 (21.505 min): BN018498.D\data.ms (-4179) (-)

Sub 50

120.0

228.0

m/z-->

120 140 160 180 200 220 240

Abundance

21.505

400

300

200

100

0

Time-->

21.50 21.60

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

Benzo(b)fluoranthene

Concen: 0.103 ng/ul

RT: 23.139 min Scan# 4724

Delta R.T. -0.001 min

Lab File: BN018498.D

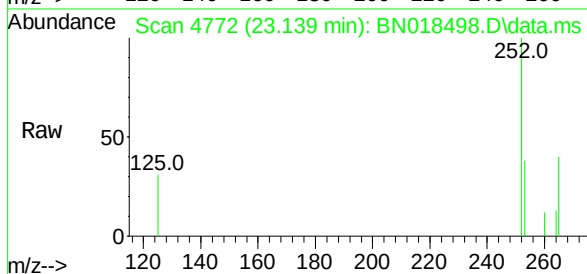
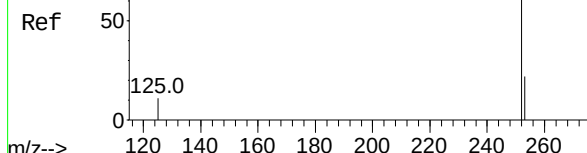
Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229



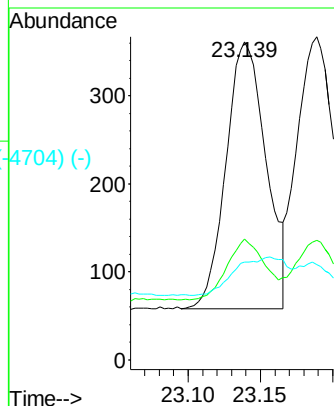
Tgt Ion:252 Resp: 584

Ion Ratio Lower Upper

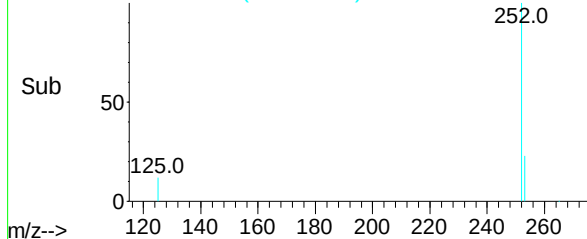
252 100

253 38.0 0.0 46.4

125 30.7 0.0 17.8#



Abundance Scan 4772 (23.139 min): BN018498.D\data.ms (-4704) (-)



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

Benzo(k)fluoranthene

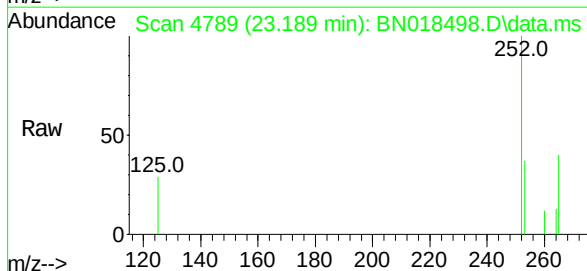
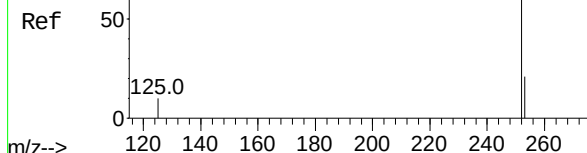
Concen: 0.093 ng/ul

RT: 23.189 min Scan# 4789

Delta R.T. 0.002 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38



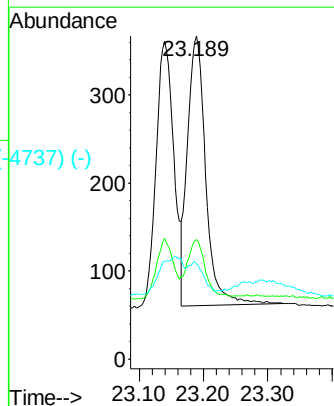
Tgt Ion:252 Resp: 605

Ion Ratio Lower Upper

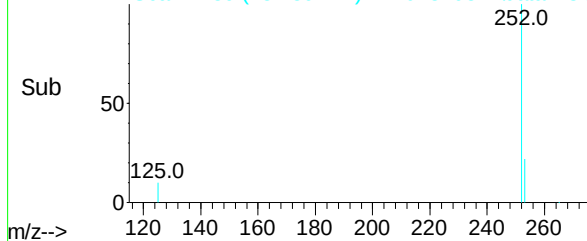
252 100

253 37.1 18.6 28.0#

125 29.4 7.3 10.9#



Abundance Scan 4789 (23.189 min): BN018498.D\data.ms (-4737) (-)



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

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.765 min Scan# 4925

Delta R.T. 0.002 min

Lab File: BN018498.D

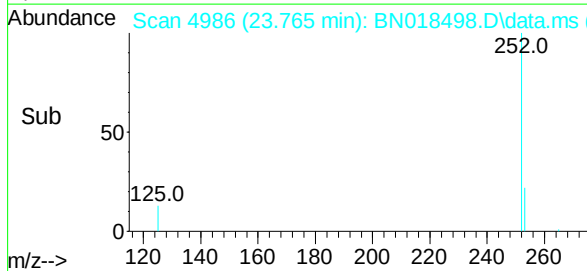
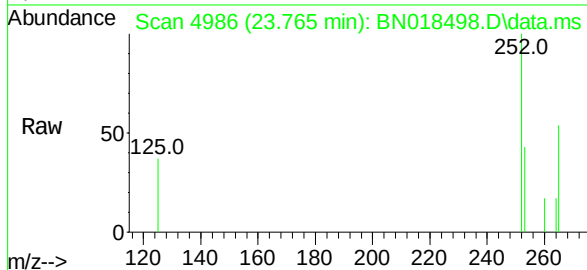
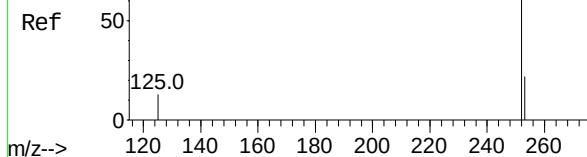
Acq: 31 Jan 2022 14:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.1229



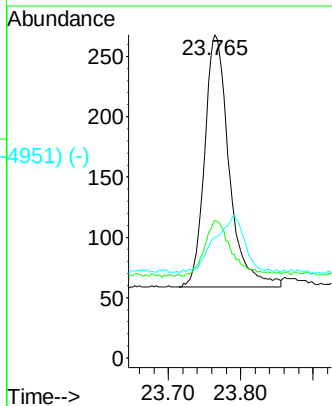
Tgt Ion:252 Resp: 490

Ion Ratio Lower Upper

252 100

253 42.5 18.9 28.3#

125 37.3 8.2 12.2#



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

Indeno(1,2,3-cd)pyrene

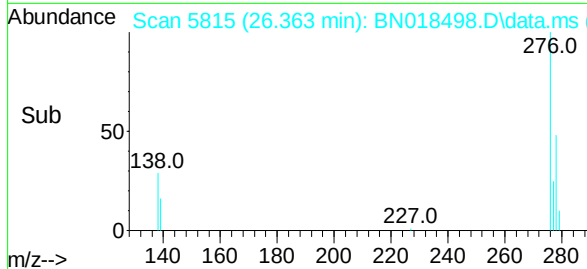
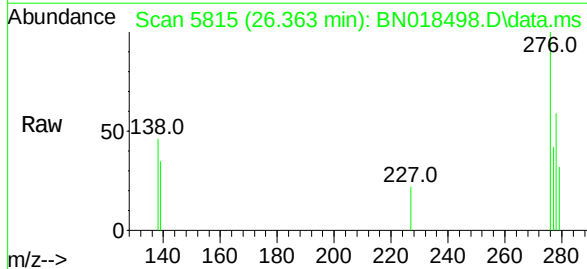
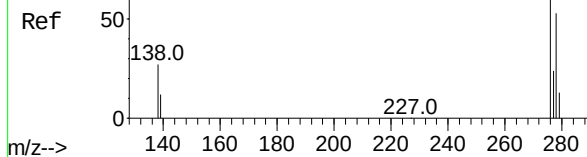
Concen: 0.093 ng/ul

RT: 26.363 min Scan# 5815

Delta R.T. -0.001 min

Lab File: BN018498.D

Acq: 31 Jan 2022 14:38



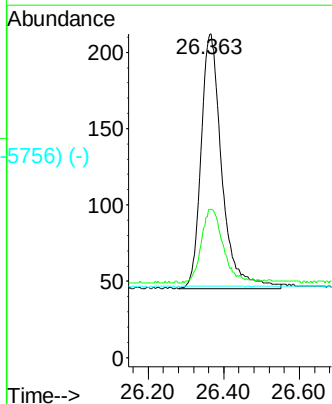
Tgt Ion:276 Resp: 636

Ion Ratio Lower Upper

276 100

138 30.0 16.5 24.7#

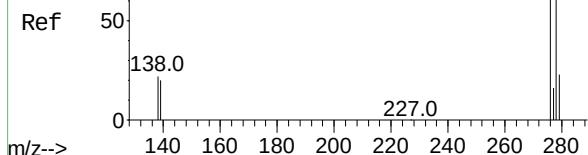
227 0.0 0.1 0.1#



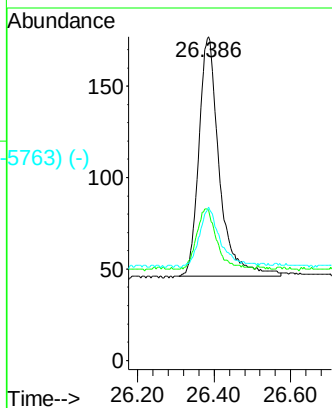
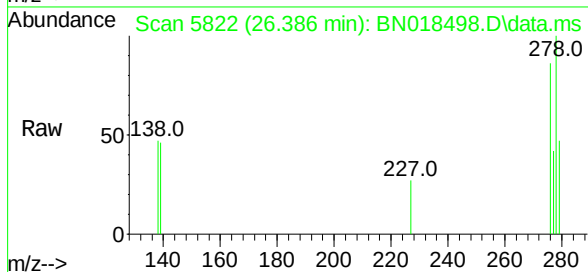
Abundance Scan 5822 (26.388 min): BN018500.D\data.ms (-5629) (-)

Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.386 min Scan# 5822
Delta R.T. -0.001 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

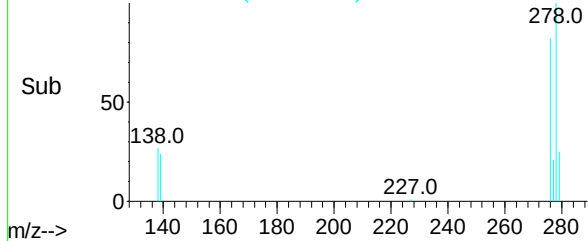
Instrument :
BNA_N
ClientSampleId :
SSTD0.1229



Tgt Ion:	278	Resp:	485
Ion Ratio	Lower	Upper	
278	100		
139	46.3	11.9	17.9#
279	47.5	19.5	29.3#



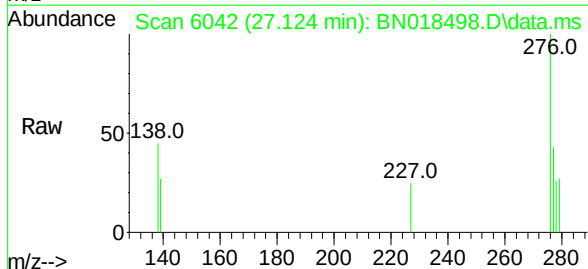
Abundance Scan 5822 (26.386 min): BN018498.D\data.ms (-5763) (-)



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

Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.124 min Scan# 6042
Delta R.T. -0.001 min
Lab File: BN018498.D
Acq: 31 Jan 2022 14:38

Tgt Ion:	276	Resp:	544
Ion Ratio	Lower	Upper	
276	100		
138	45.0	14.4	21.6#
277	42.9	19.2	28.8#



Abundance Scan 6042 (27.124 min): BN018498.D\data.ms (-5983) (-)

