

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018500.D
 Acq On : 31 Jan 2022 15:49
 Operator : CG/JU
 Sample : SSTD0.431
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4231

Quant Time: Feb 01 03:45:37 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)

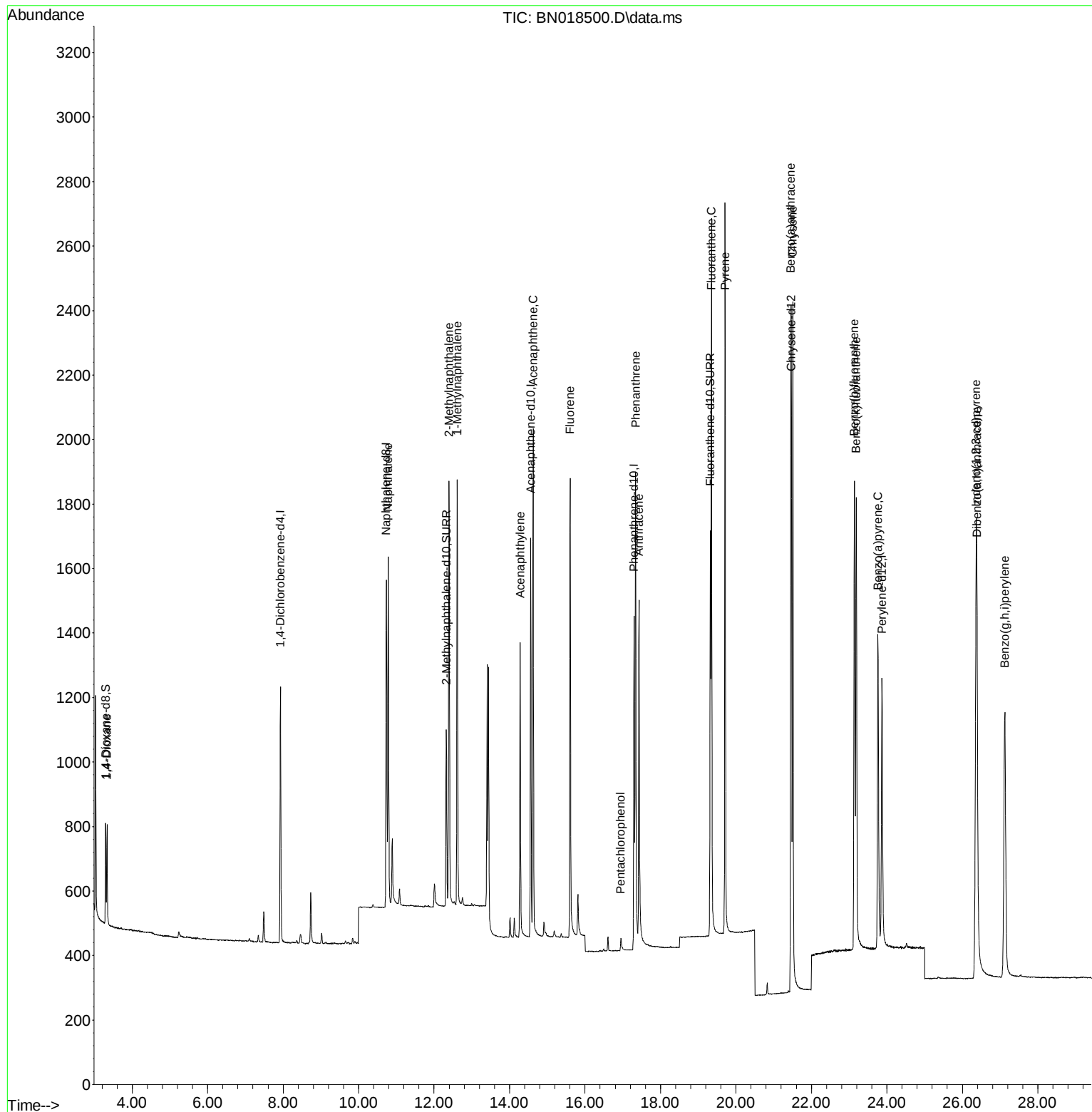
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	410	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	1382	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.560	164	710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	1327	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.472	240	1301	0.400	ng/ul	# 0.00
23) Perylene-d12	23.871	264	1201	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	189	0.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	732	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	1413	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.333	88	205	0.481	ng/ul#	84
5) Naphthalene	10.784	128	1499	0.366	ng/ul#	91
7) 2-Methylnaphthalene	12.396	142	945	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.616	142	968	0.320	ng/ul	99
10) Acenaphthylene	14.282	152	1147	0.374	ng/ul#	89
11) Acenaphthene	14.620	153	956	0.387	ng/ul	97
12) Fluorene	15.605	166	1013	0.332	ng/ul#	98
14) Pentachlorophenol	16.949	266	41	0.078	ng/ul	91
15) Phenanthrene	17.341	178	1680	0.383	ng/ul#	93
16) Anthracene	17.430	178	1373	0.348	ng/ul#	91
19) Fluoranthene	19.352	202	1956	0.378	ng/ul#	86
20) Pyrene	19.710	202	1999	0.370	ng/ul#	84
21) Benzo(a)anthracene	21.457	228	1658	0.334	ng/ul	95
22) Chrysene	21.507	228	1964	0.365	ng/ul	96
24) Benzo(b)fluoranthene	23.140	252	1946	0.387	ng/ul	90
25) Benzo(k)fluoranthene	23.187	252	2040	0.356	ng/ul#	90
26) Benzo(a)pyrene	23.763	252	1622	0.340	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.364	276	2118	0.349	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.388	278	1654	0.353	ng/ul#	81
29) Benzo(g,h,i)perylene	27.125	276	1885	0.365	ng/ul#	80

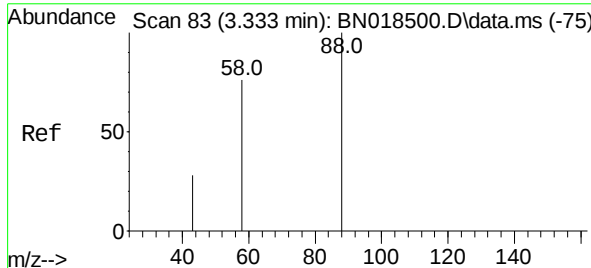
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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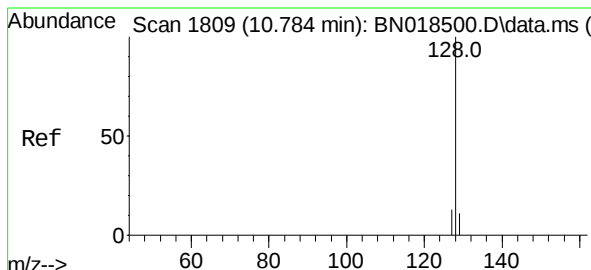
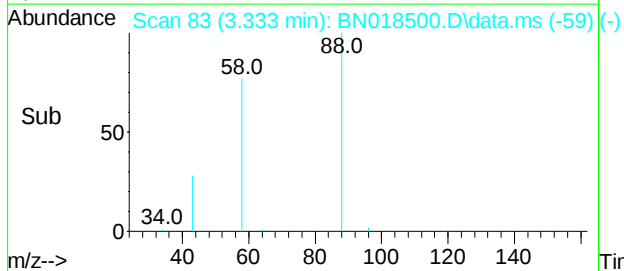
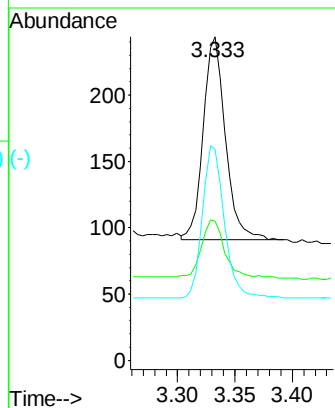
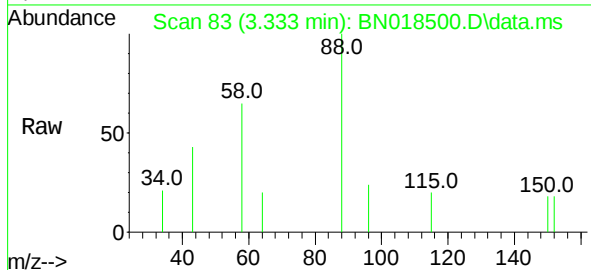




1,4-Dioxane
 Concen: 0.481 ng/ul
 RT: 3.333 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BN018500.D
 Acq: 31 Jan 2022 15:49

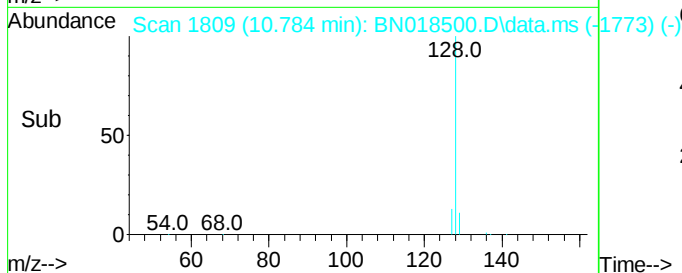
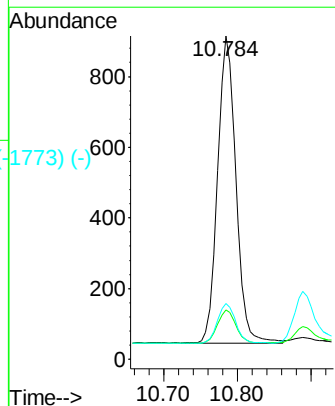
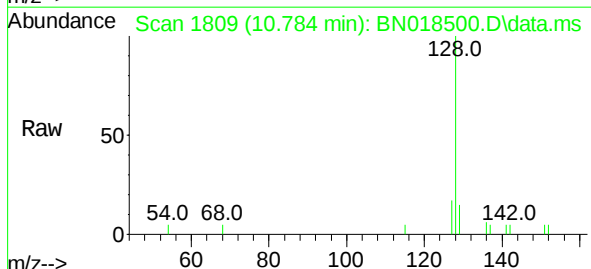
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4231

Tgt Ion: 88 Resp: 205
 Ion Ratio Lower Upper
 88 100
 43 43.0 47.8 71.8#
 58 65.2 46.2 69.2



Naphthalene
 Concen: 0.366 ng/ul
 RT: 10.784 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: BN018500.D
 Acq: 31 Jan 2022 15:49

Tgt Ion: 128 Resp: 1499
 Ion Ratio Lower Upper
 128 100
 129 15.2 9.4 14.0#
 127 17.3 11.0 16.6#



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

2-Methylnaphthalene

Concen: 0.315 ng/ul

RT: 12.396 min Scan# 2102

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.4231

Tgt Ion:142 Resp: 945

Ion Ratio Lower Upper

142 100

141 89.4 70.9 106.3

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

m/z-->

Ref 50

115.0 142.0

54.0 68.0

Raw 50

115.0 142.0

54.0 68.0

m/z-->

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

m/z-->

Sub 50

115.0 142.0

54.0 68.0

m/z-->

Abundance

12.396

600

400

200

0

Time-->

12.30 12.40 12.50

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

1-Methylnaphthalene

Concen: 0.320 ng/ul

RT: 12.616 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Tgt Ion:142 Resp: 968

Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

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

m/z-->

Ref 50

115.0 142.0

54.0 68.0

Raw 50

115.0 142.0

54.0 68.0

m/z-->

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

m/z-->

Sub 50

115.0 142.0

54.0 68.0

m/z-->

Abundance

12.616

600

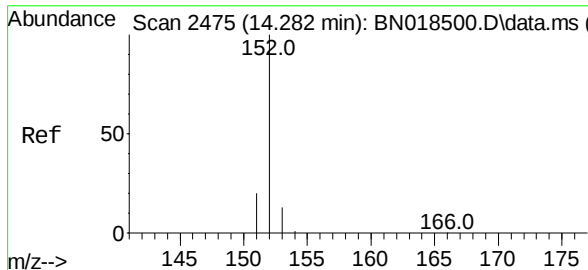
400

200

0

Time-->

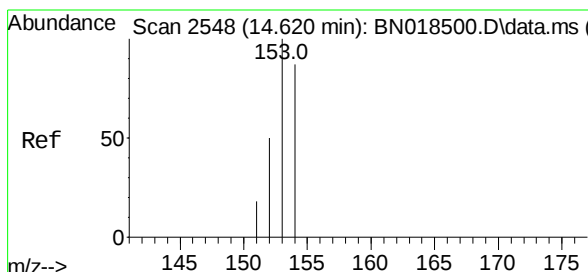
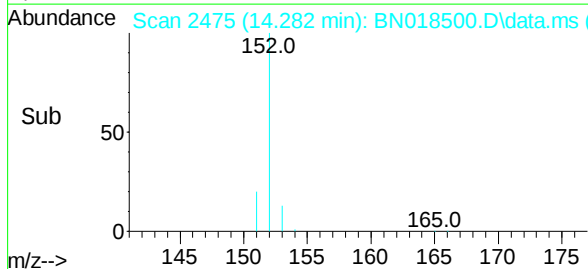
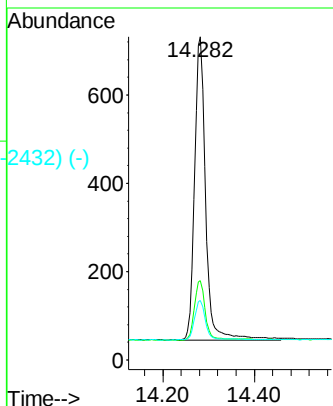
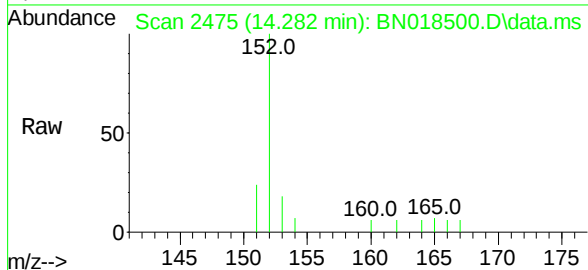
12.60 12.70



Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.282 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

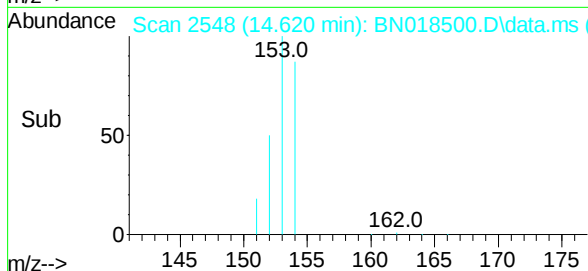
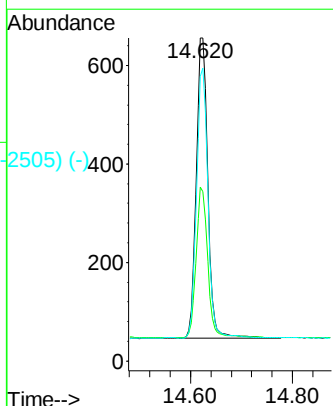
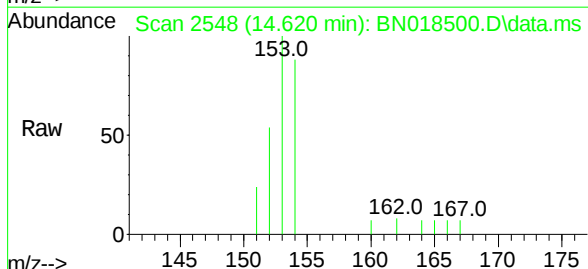
Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

Tgt Ion:	152	Resp:	1147
Ion	Ratio	Lower	Upper
152	100		
151	24.5	15.8	23.8#
153	18.3	10.7	16.1#

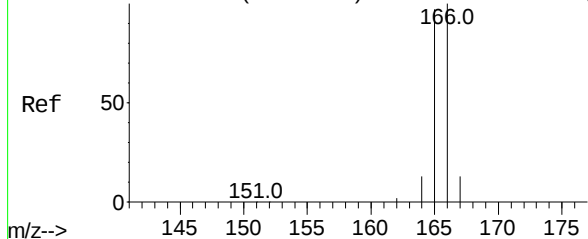


Acenaphthene
Concen: 0.387 ng/ul
RT: 14.620 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

Tgt Ion:	153	Resp:	956
Ion	Ratio	Lower	Upper
153	100		
152	53.8	39.7	59.5
154	88.1	70.9	106.3



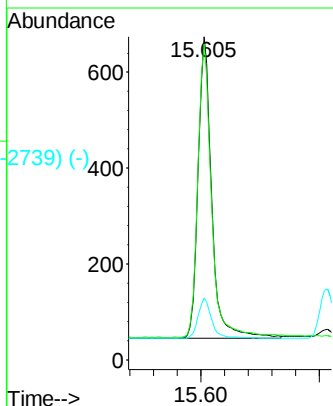
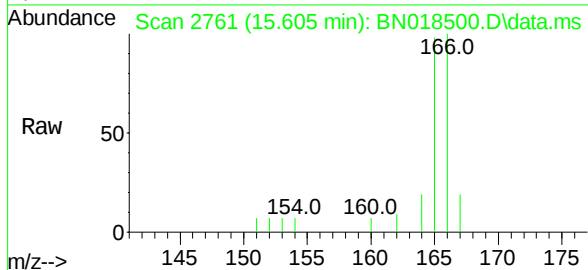
Abundance Scan 2761 (15.605 min): BN018500.D\data.ms (-2732) (-)



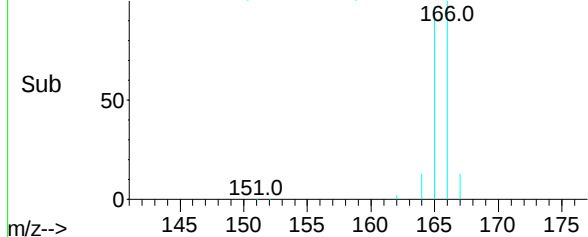
Fluorene
Concen: 0.332 ng/ul
RT: 15.605 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.4231

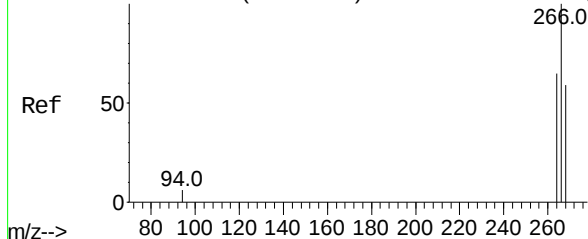
Tgt Ion:	166	Resp:	1013
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.6
167	19.1	11.6	17.4#



Abundance Scan 2761 (15.605 min): BN018500.D\data.ms (-2739) (-)

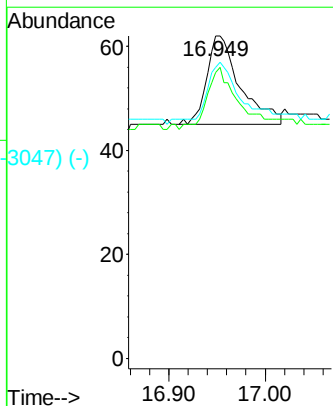
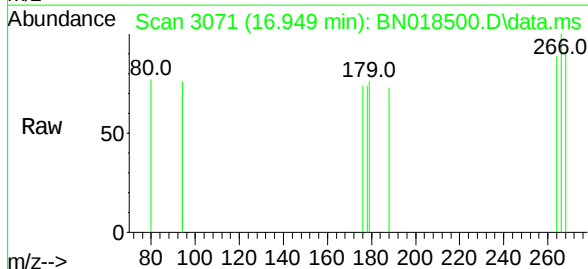


Abundance Scan 3071 (16.949 min): BN018500.D\data.ms (-3042) (-)

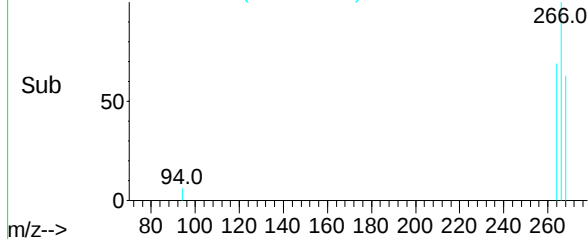


Pentachlorophenol
Concen: 0.078 ng/ul
RT: 16.949 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

Tgt Ion:	266	Resp:	41
Ion Ratio	Lower	Upper	
266	100		
264	73.2	49.9	74.9
268	68.3	51.7	77.5



Abundance Scan 3071 (16.949 min): BN018500.D\data.ms (-3047) (-)



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

Phenanthrene

Concen: 0.383 ng/ul

RT: 17.341 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.4231

Tgt Ion:178 Resp: 1680

Ion Ratio Lower Upper

178 100

179 18.7 12.2 18.4#

176 22.0 15.4 23.2

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

178.0

80.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3164 (17.341 min): BN018500.D\data.ms (-3117) (-)

178.0

80.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.341

1000

800

600

400

200

0

Time-->

17.30 17.40

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

Anthracene

Concen: 0.348 ng/ul

RT: 17.430 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Tgt Ion:178 Resp: 1373

Ion Ratio Lower Upper

178 100

179 19.7 12.3 18.5#

176 23.4 15.5 23.3#

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

178.0

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3185 (17.430 min): BN018500.D\data.ms (-3161) (-)

178.0

94.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.430

1000

800

600

400

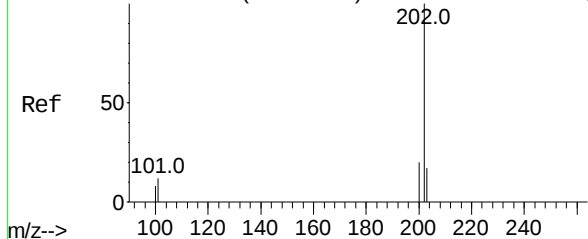
200

0

Time-->

17.40 17.50 17.60

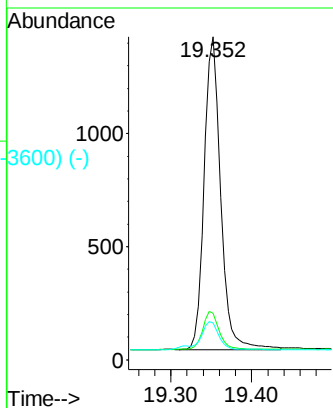
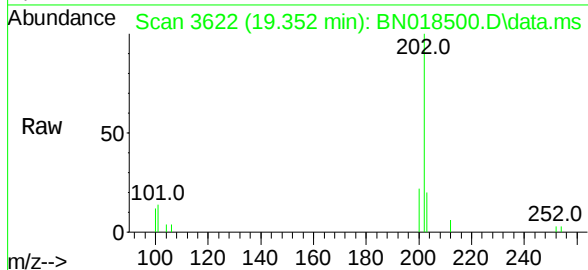
Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



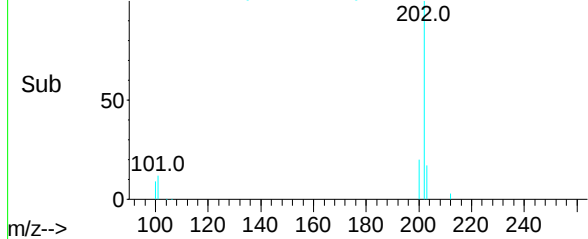
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.352 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

Instrument :
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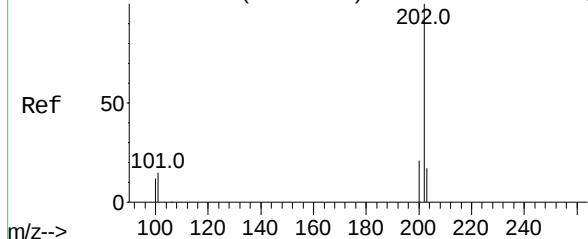
Tgt Ion:	202	Resp:	1956
Ion Ratio	Lower	Upper	
202	100		
101	14.5	7.5	11.3#
100	11.6	5.4	8.2#



Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3600) (-)

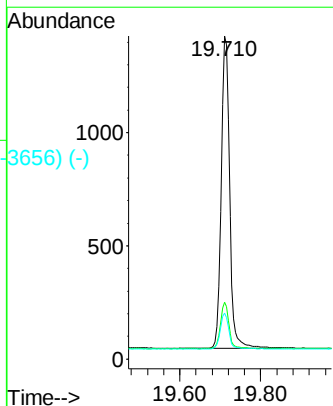
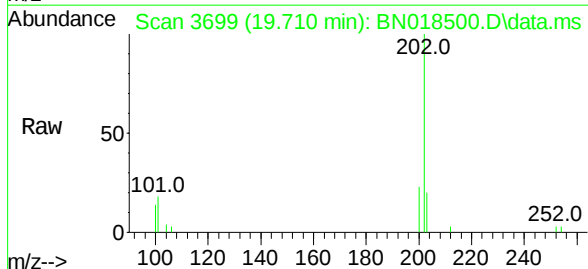


Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)

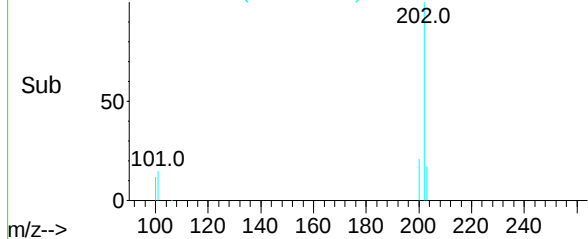


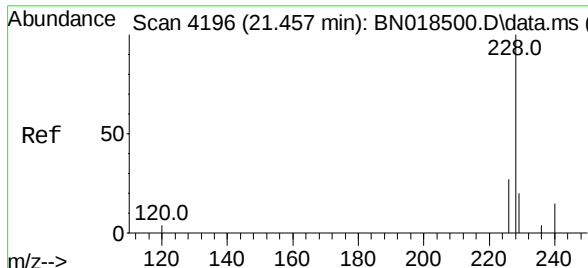
Pyrene
Concen: 0.370 ng/ul
RT: 19.710 min Scan# 3699
Delta R.T. 0.000 min
Lab File: BN018500.D
Acq: 31 Jan 2022 15:49

Tgt Ion:	202	Resp:	1999
Ion Ratio	Lower	Upper	
202	100		
101	17.5	9.0	13.4#
100	14.3	7.0	10.4#



Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3656) (-)

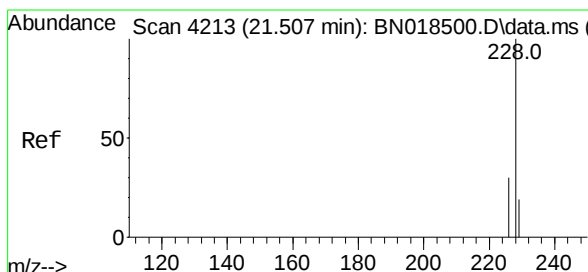
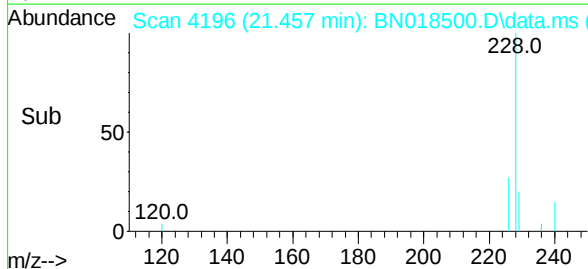
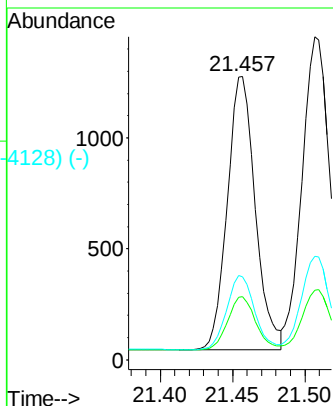
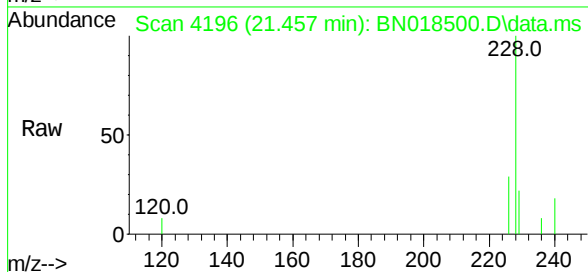




Benzo(a)anthracene
 Concen: 0.334 ng/u1
 RT: 21.457 min Scan# 4196
 Delta R.T. 0.000 min
 Lab File: BN018500.D
 Acq: 31 Jan 2022 15:49

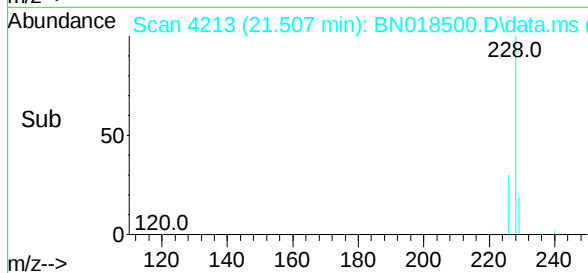
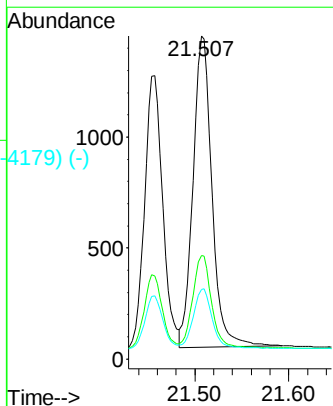
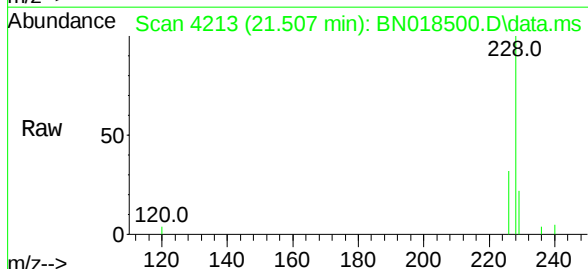
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4231

Tgt Ion:	228	Resp:	1658
Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	29.3	22.1	33.1



Chrysene
 Concen: 0.365 ng/u1
 RT: 21.507 min Scan# 4213
 Delta R.T. 0.000 min
 Lab File: BN018500.D
 Acq: 31 Jan 2022 15:49

Tgt Ion:	228	Resp:	1964
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.2	36.4
229	21.6	15.7	23.5



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

Benzo(b)fluoranthene

Concen: 0.387 ng/u1

RT: 23.140 min Scan# 4772

Delta R.T. 0.000 min

Lab File: BN018500.D

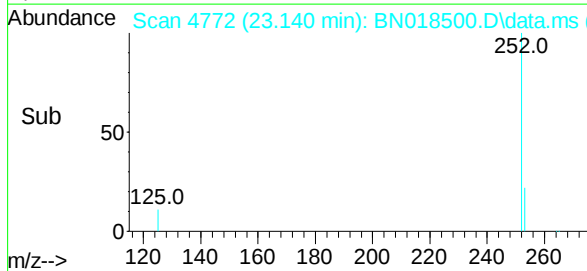
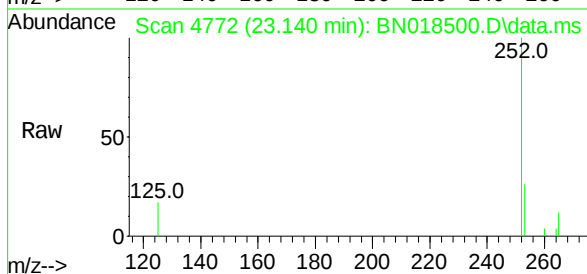
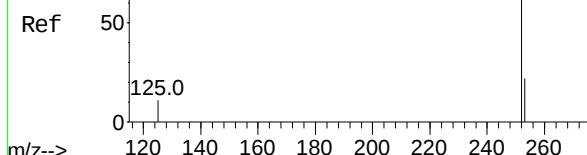
Acq: 31 Jan 2022 15:49

Instrument :

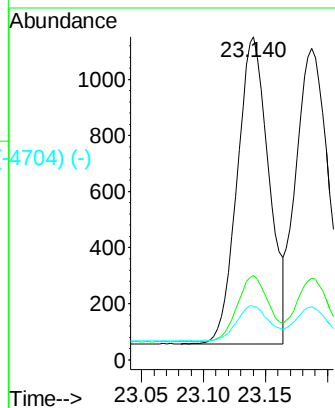
BNA_N

ClientSampleId :

SSTD0.4231



Tgt Ion:	252	Resp:	1946
Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	46.4
125	16.6	0.0	17.8



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

Benzo(k)fluoranthene

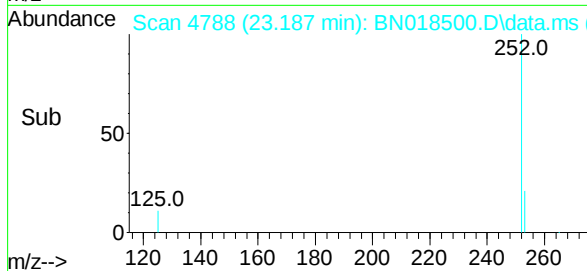
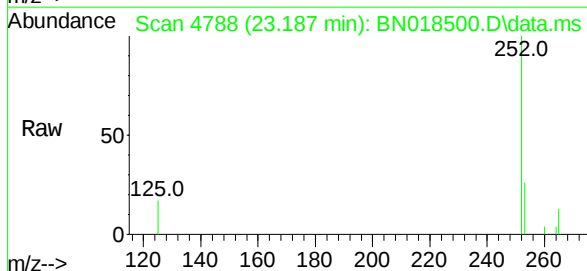
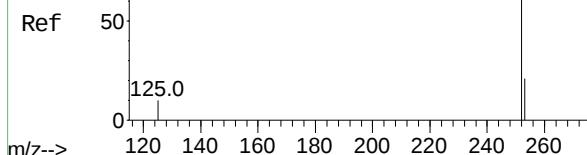
Concen: 0.356 ng/u1

RT: 23.187 min Scan# 4788

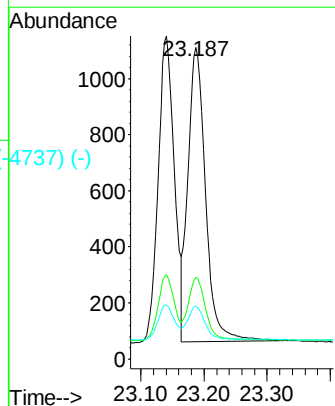
Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49



Tgt Ion:	252	Resp:	2040
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.6	28.0
125	16.9	7.3	10.9#



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

Benzo(a)pyrene

Concen: 0.340 ng/u1

RT: 23.763 min Scan# 4925

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Instrument :

BN018500.D

ClientSampleId :

SSTD0.4231

Tgt Ion:252 Resp: 1622

Ion Ratio Lower Upper

252 100

253 28.6 18.9 28.3#

125 20.3 8.2 12.2#

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

Raw

m/z-->

Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4951) (-)

Sub

m/z-->

Abundance

23.763

600

400

200

0

Time-->

Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4951) (-)

Sub

m/z-->

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

Ref

m/z-->

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

Raw

m/z-->

Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5755) (-)

Sub

m/z-->

Abundance

26.364

600

400

200

0

Time-->

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

Ref

m/z-->

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

Raw

m/z-->

Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5755) (-)

Sub

m/z-->

Abundance

26.364

600

400

200

0

Time-->

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

Raw

m/z-->

Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5755) (-)

Sub

m/z-->

Abundance

26.364

600

400

200

0

Time-->

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

Dibenzo(a,h)anthracene

Concen: 0.353 ng/ul

RT: 26.388 min Scan# 5822

Delta R.T. 0.000 min

Lab File: BN018500.D

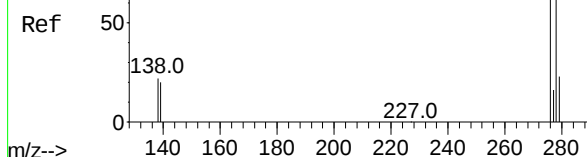
Acq: 31 Jan 2022 15:49

Instrument :

BN_A_N

ClientSampleId :

SSTD0.4231



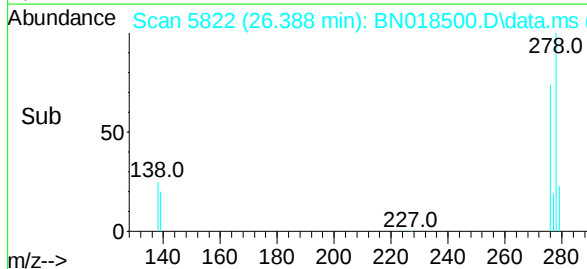
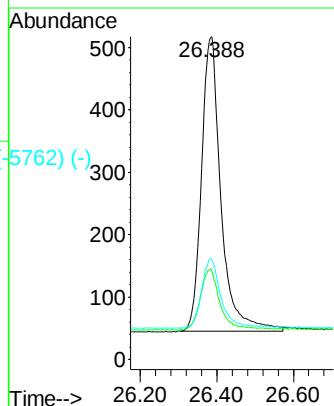
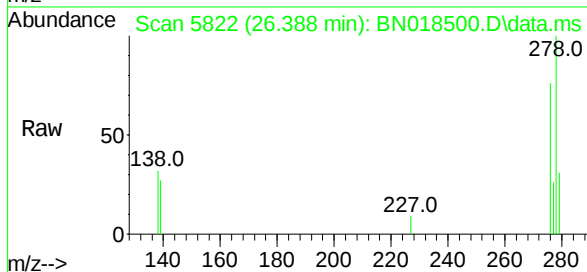
Tgt Ion:278 Resp: 1654

Ion Ratio Lower Upper

278 100

139 27.5 11.9 17.9#

279 30.8 19.5 29.3#



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

Benzo(g,h,i)perylene

Concen: 0.365 ng/ul

RT: 27.125 min Scan# 6042

Delta R.T. 0.000 min

Lab File: BN018500.D

Acq: 31 Jan 2022 15:49

Tgt Ion:276 Resp: 1885

Ion Ratio Lower Upper

276 100

138 32.1 14.4 21.6#

277 29.6 19.2 28.8#

