

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018501.D
 Acq On : 31 Jan 2022 16:25
 Operator : CG/JU
 Sample : SSTD0.832
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8232

Quant Time: Feb 01 03:45:49 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)

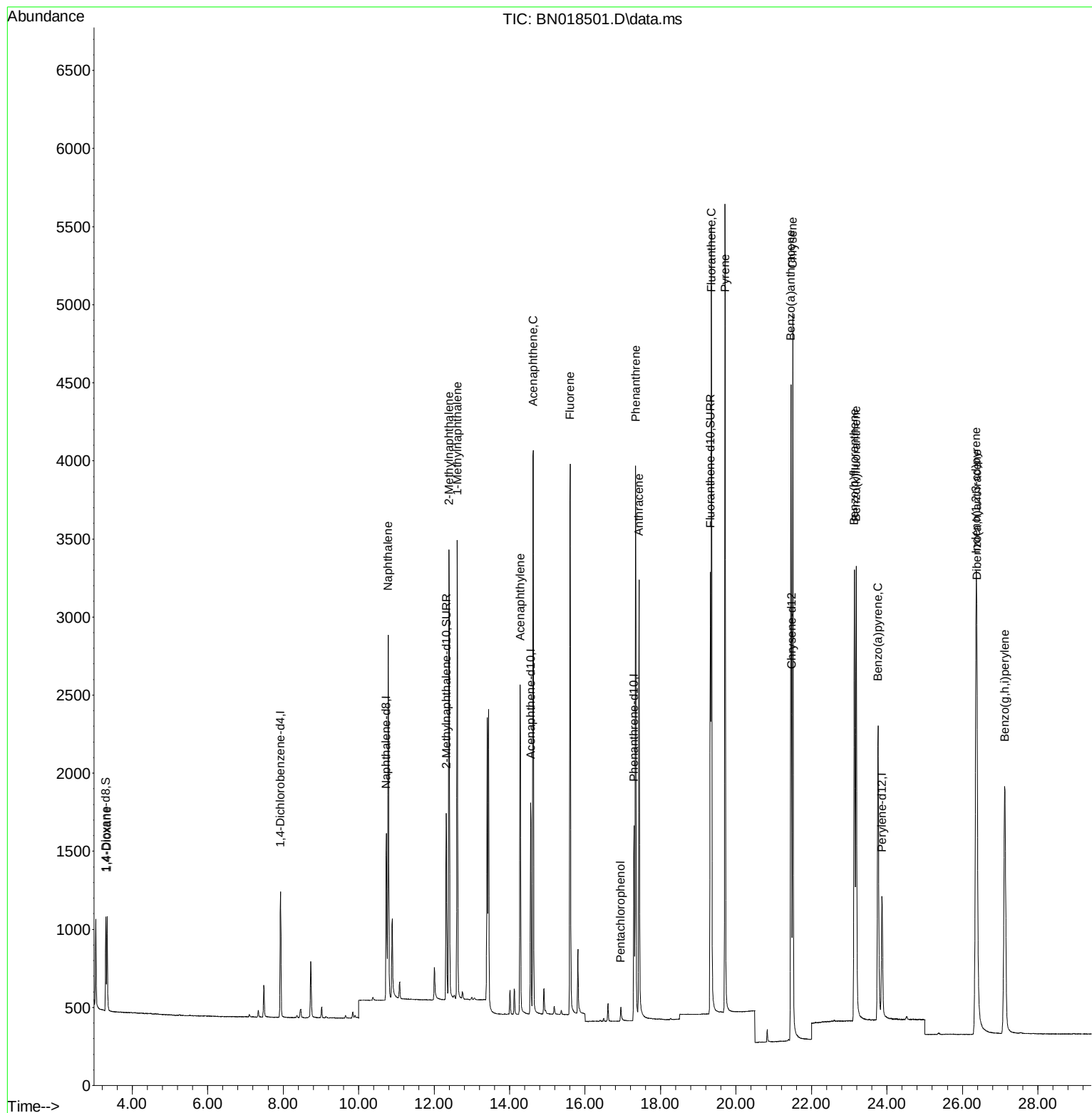
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	421	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	1442	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.559	164	770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	1510	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.472	240	1365	0.400	ng/ul	# 0.00
23) Perylene-d12	23.869	264	1164	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	388	0.987	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	1591	0.635	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	3123	0.772	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	410	0.938	ng/ul#	75
5) Naphthalene	10.784	128	3201	0.748	ng/ul	97
7) 2-Methylnaphthalene	12.396	142	2090	0.668	ng/ul	100
8) 1-Methylnaphthalene	12.616	142	2110	0.669	ng/ul	100
10) Acenaphthylene	14.282	152	2526	0.759	ng/ul	95
11) Acenaphthene	14.624	153	2125	0.793	ng/ul	99
12) Fluorene	15.605	166	2353	0.711	ng/ul	99
14) Pentachlorophenol	16.949	266	79	0.132	ng/ul	96
15) Phenanthrene	17.337	178	3901	0.781	ng/ul	97
16) Anthracene	17.430	178	3278	0.730	ng/ul	97
19) Fluoranthene	19.348	202	4414	0.813	ng/ul#	88
20) Pyrene	19.710	202	4409	0.777	ng/ul#	90
21) Benzo(a)anthracene	21.454	228	3525	0.677	ng/ul	98
22) Chrysene	21.507	228	4169	0.738	ng/ul	98
24) Benzo(b)fluoranthene	23.138	252	3926	0.806	ng/ul	94
25) Benzo(k)fluoranthene	23.185	252	4175	0.752	ng/ul#	95
26) Benzo(a)pyrene	23.764	252	3236	0.700	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.361	276	4222	0.718	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.381	278	3367	0.742	ng/ul#	88
29) Benzo(g,h,i)perylene	27.119	276	3695	0.738	ng/ul#	86

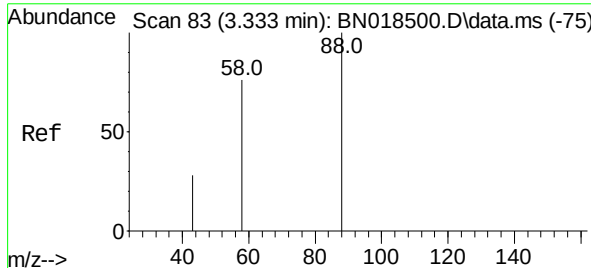
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 0.938 ng/ul

RT: 3.337 min Scan# 83

Delta R.T. 0.004 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.8232

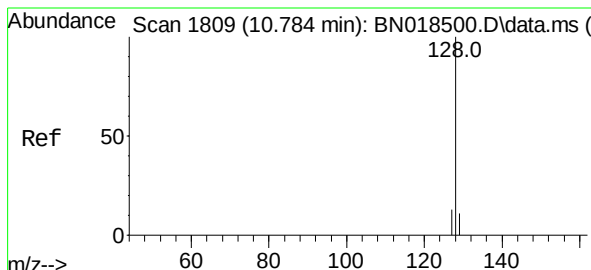
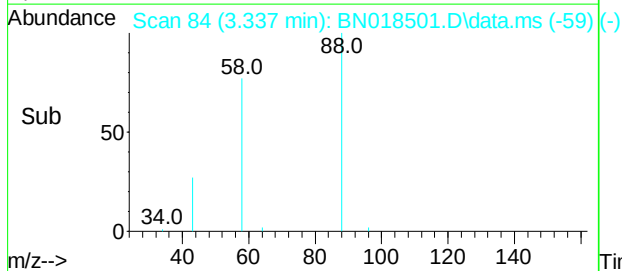
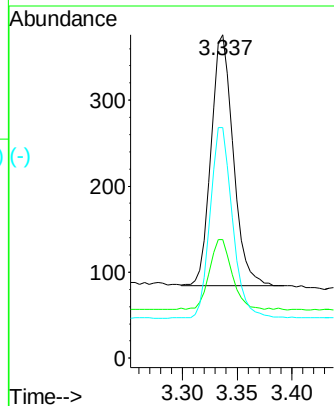
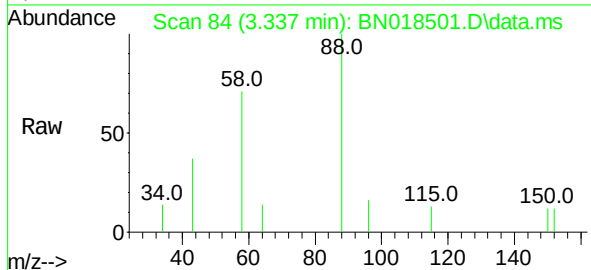
Tgt Ion: 88 Resp: 410

Ion Ratio Lower Upper

88 100

43 36.7 47.8 71.8#

58 71.3 46.2 69.2#



Naphthalene

Concen: 0.748 ng/ul

RT: 10.784 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

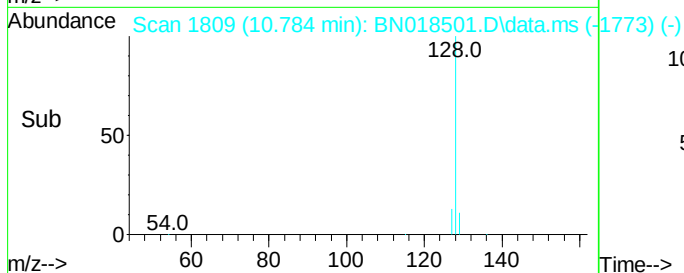
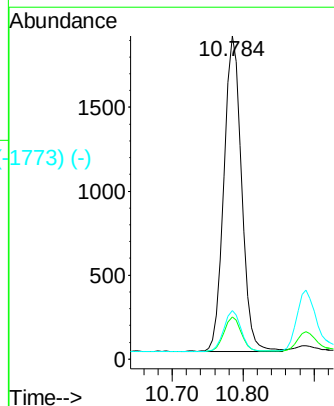
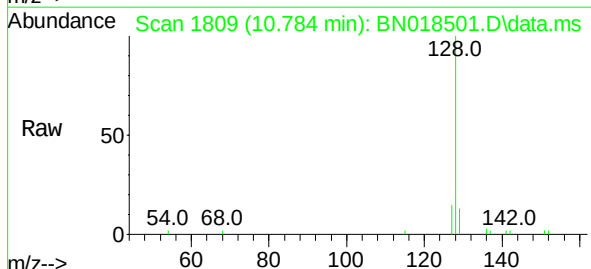
Tgt Ion: 128 Resp: 3201

Ion Ratio Lower Upper

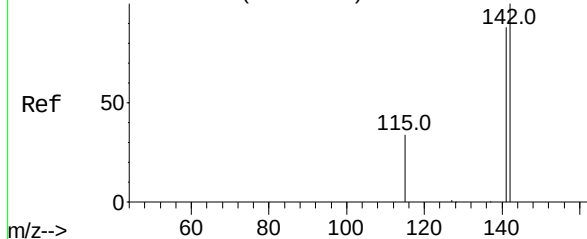
128 100

129 13.0 9.4 14.0

127 15.1 11.0 16.6



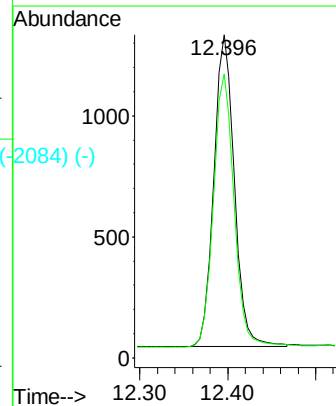
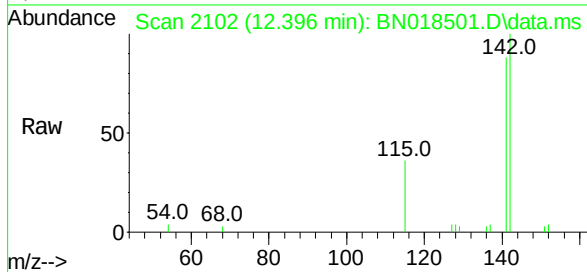
Abundance Scan 2102 (12.396 min): BN018500.D\data.ms (-2084) (-)



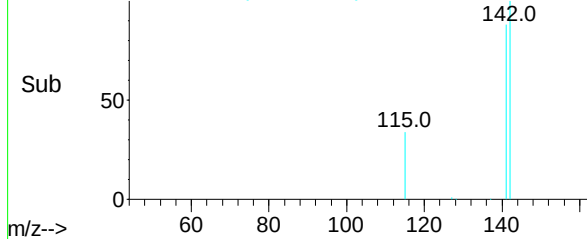
2-Methylnaphthalene
Concen: 0.668 ng/ul
RT: 12.396 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

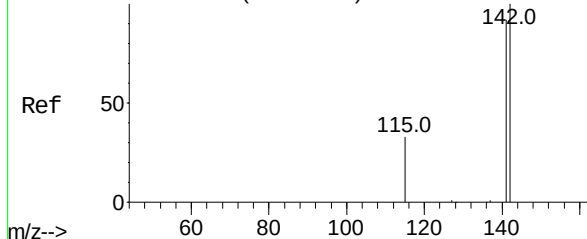
Tgt Ion:142 Resp: 2090
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



Abundance Scan 2102 (12.396 min): BN018501.D\data.ms (-2084) (-)

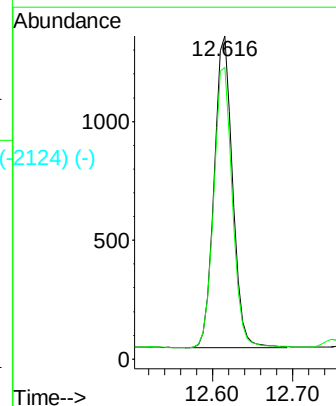
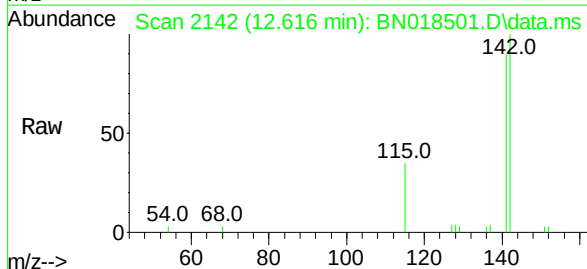


Abundance Scan 2142 (12.616 min): BN018500.D\data.ms (-2118) (-)

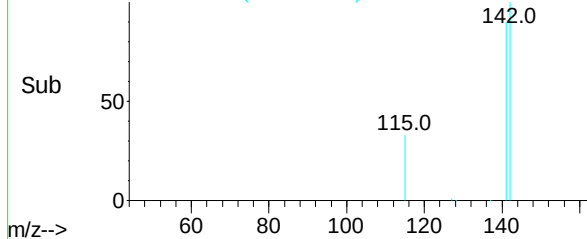


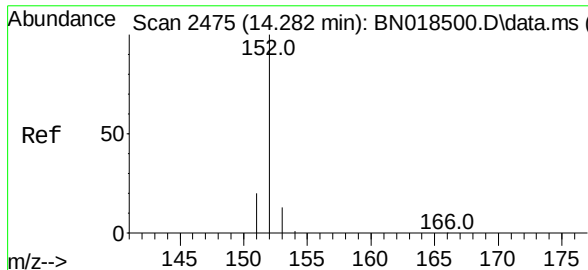
1-Methylnaphthalene
Concen: 0.669 ng/ul
RT: 12.616 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

Tgt Ion:142 Resp: 2110
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8



Abundance Scan 2142 (12.616 min): BN018501.D\data.ms (-2124) (-)





Acenaphthylene

Concen: 0.759 ng/ul

RT: 14.282 min Scan# 2475

Delta R.T. -0.000 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.8232

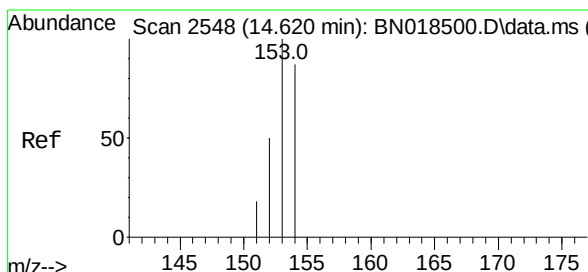
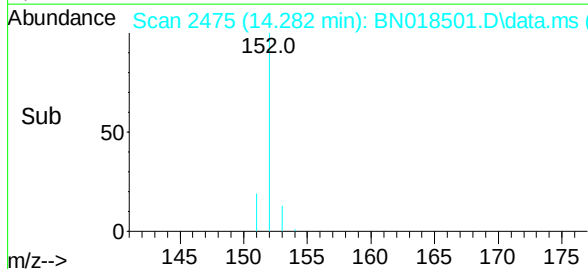
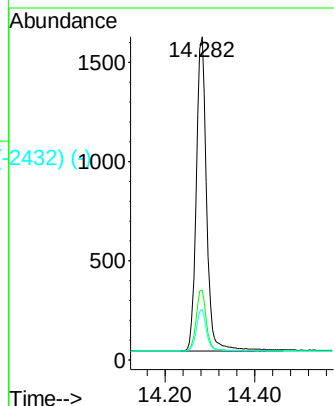
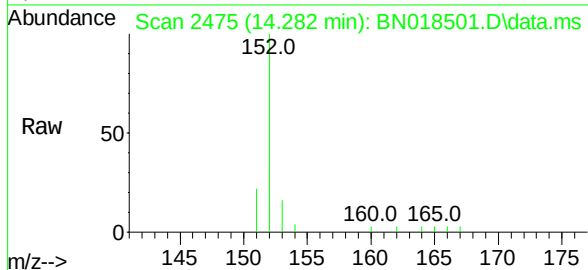
Tgt Ion:152 Resp: 2526

Ion Ratio Lower Upper

152 100

151 21.7 15.8 23.8

153 15.5 10.7 16.1



Acenaphthene

Concen: 0.793 ng/ul

RT: 14.624 min Scan# 2549

Delta R.T. 0.005 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

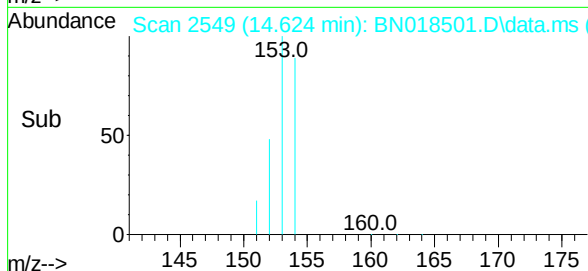
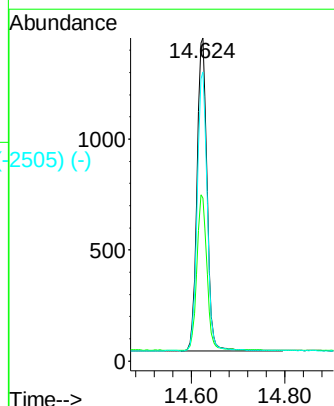
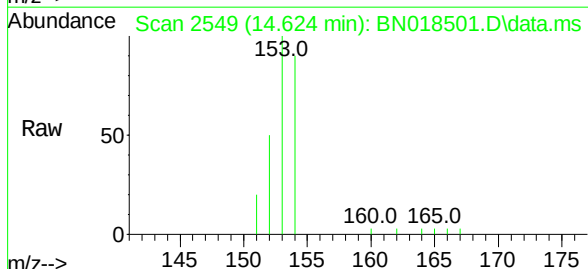
Tgt Ion:153 Resp: 2125

Ion Ratio Lower Upper

153 100

152 50.5 39.7 59.5

154 89.6 70.9 106.3



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

Fluorene

Concen: 0.711 ng/ul

RT: 15.605 min Scan# 2761

Delta R.T. -0.000 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.8232

Tgt Ion:166 Resp: 2353

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 15.7 11.6 17.4

Abundance Scan 2761 (15.605 min): BN018501.D\data.ms

Ref 50

151.0

166.0

165

167

m/z-->

145 150 155 160 165 170 175

Abundance Scan 2761 (15.605 min): BN018501.D\data.ms (-2739) (-)

Ref 50

152.0

166.0

165

167

m/z-->

145 150 155 160 165 170 175

Abundance

1500

15.605

500

0

15.60

Time-->

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

Pentachlorophenol

Concen: 0.132 ng/ul

RT: 16.949 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

264 64.6 49.9 74.9

268 68.4 51.7 77.5

Abundance Scan 3071 (16.949 min): BN018501.D\data.ms

Ref 50

94.0

178.0

266.0

264

268

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

80

16.949

60

40

20

0

16.90 17.00

Time-->

Abundance Scan 3071 (16.949 min): BN018501.D\data.ms (-3047) (-)

Ref 50

94.0

266.0

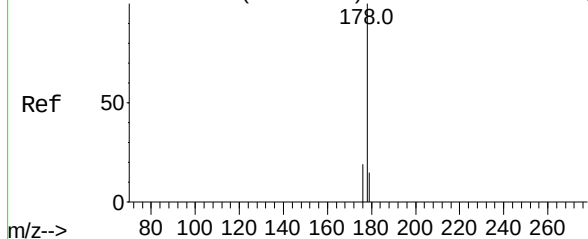
264

268

m/z-->

80 100 120 140 160 180 200 220 240 260

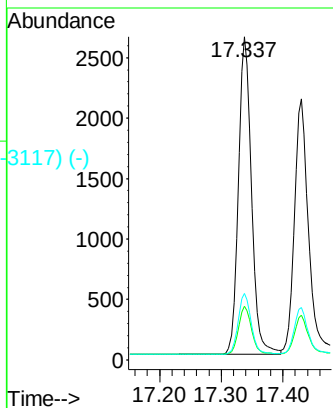
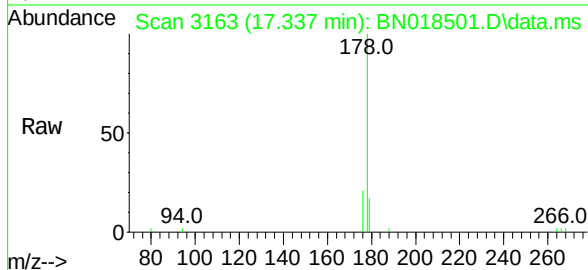
Abundance Scan 3164 (17.341 min): BN018500.D\data.ms (-3114) (-)



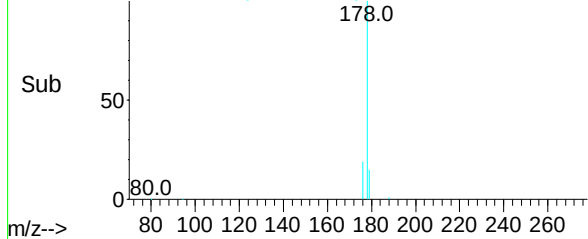
Phenanthrene
Concen: 0.781 ng/ul
RT: 17.337 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

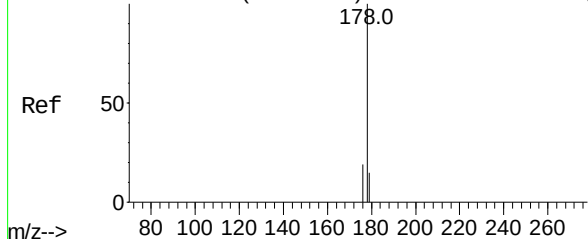
Tgt Ion:	178	Resp:	3901
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	20.6	15.4	23.2



Abundance Scan 3163 (17.337 min): BN018501.D\data.ms (-3117) (-)

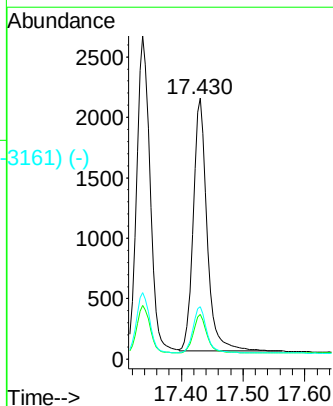
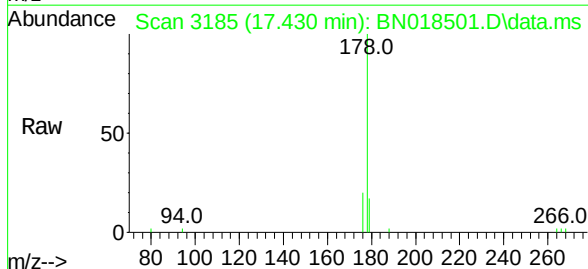


Abundance Scan 3185 (17.430 min): BN018500.D\data.ms (-3116) (-)

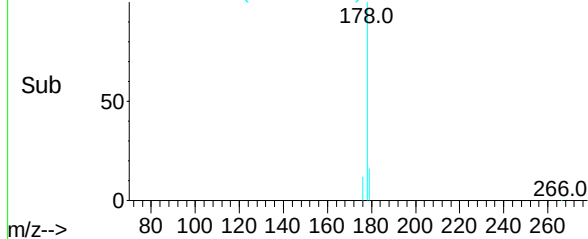


Anthracene
Concen: 0.730 ng/ul
RT: 17.430 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

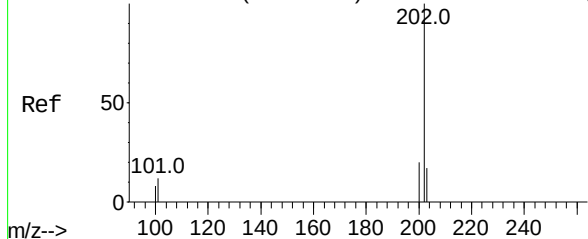
Tgt Ion:	178	Resp:	3278
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	20.1	15.5	23.3



Abundance Scan 3185 (17.430 min): BN018501.D\data.ms (-3161) (-)



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



Fluoranthene

Concen: 0.813 ng/ul

RT: 19.348 min Scan#

Delta R.T. -0.004 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.8232

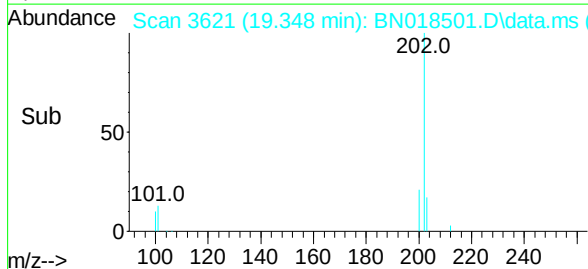
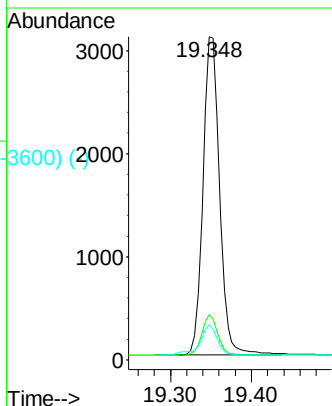
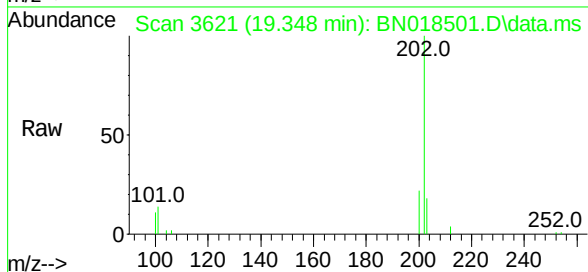
Tgt Ion:202 Resp: 4414

Ion Ratio Lower Upper

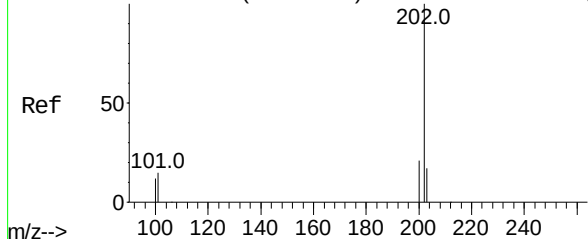
202 100

101 14.0 7.5 11.3#

100 10.8 5.4 8.2#



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



Pyrene

Concen: 0.777 ng/ul

RT: 19.710 min Scan# 3699

Delta R.T. 0.000 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

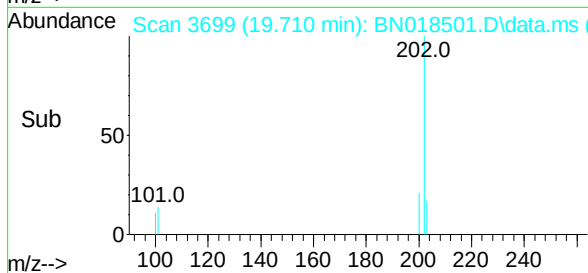
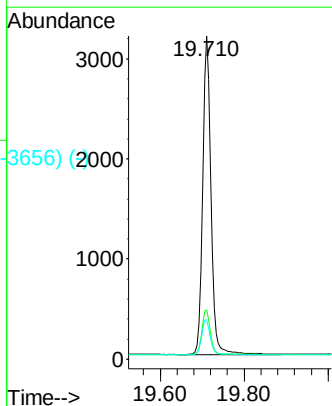
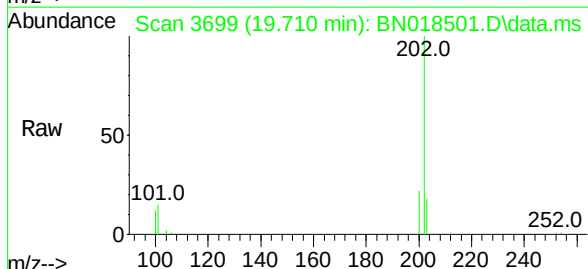
Tgt Ion:202 Resp: 4409

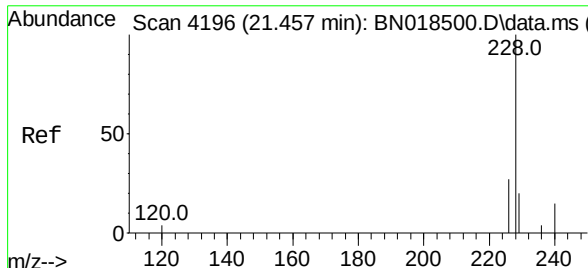
Ion Ratio Lower Upper

202 100

101 15.3 9.0 13.4#

100 12.2 7.0 10.4#

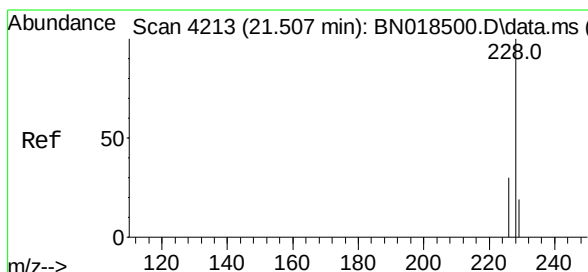
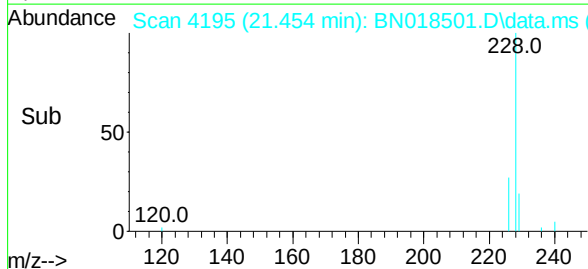
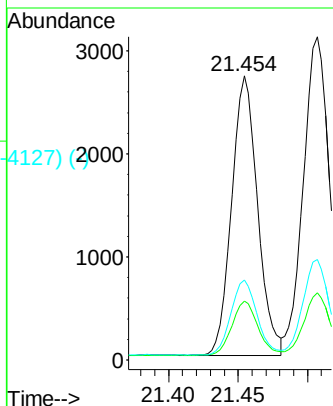
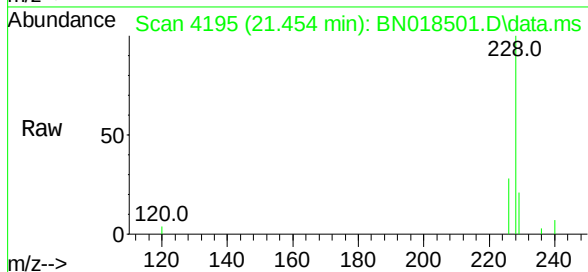




Benzo(a)anthracene
 Concen: 0.677 ng/ul
 RT: 21.454 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: BN018501.D
 Acq: 31 Jan 2022 16:25

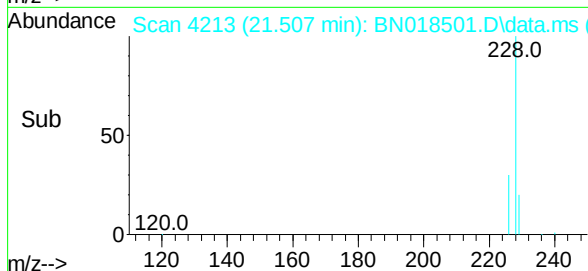
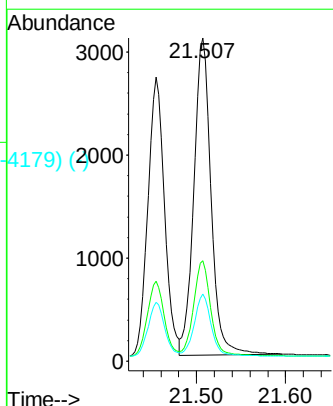
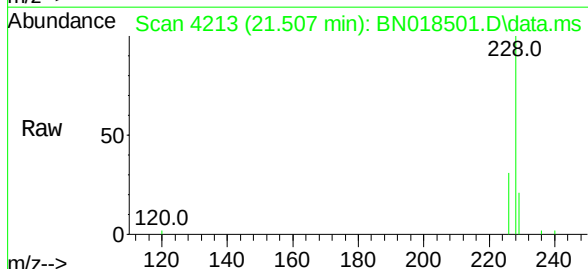
Instrument :
 BNA_N
 ClientSampleId :
 SST0.8232

Tgt Ion:	228	Resp:	3525
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.2	22.1	33.1

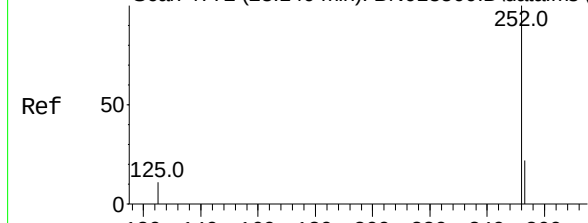


Chrysene
 Concen: 0.738 ng/ul
 RT: 21.507 min Scan# 4213
 Delta R.T. 0.000 min
 Lab File: BN018501.D
 Acq: 31 Jan 2022 16:25

Tgt Ion:	228	Resp:	4169
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	20.7	15.7	23.5



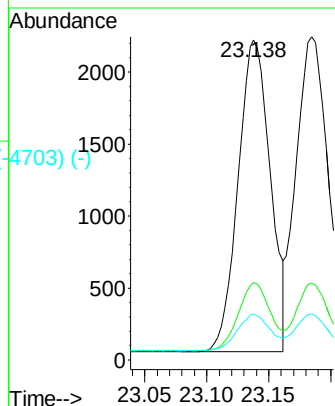
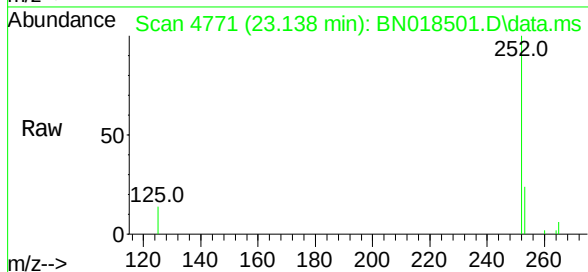
Abundance Scan 4772 (23.140 min): BN018500.D\data.ms (-4724) (-)



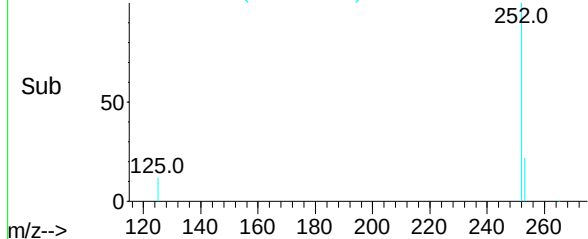
Benzo(b)fluoranthene
Concen: 0.806 ng/ul
RT: 23.138 min Scan# 4724
Delta R.T. -0.003 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

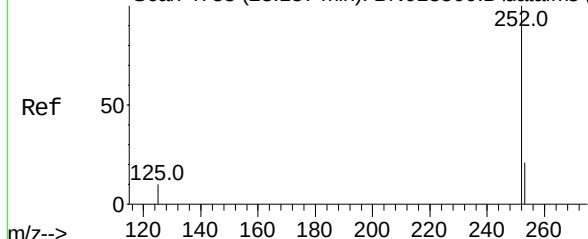
Tgt Ion:	252	Resp:	3926
Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	46.4
125	14.3	0.0	17.8



Abundance Scan 4771 (23.138 min): BN018501.D\data.ms (-4703) (-)

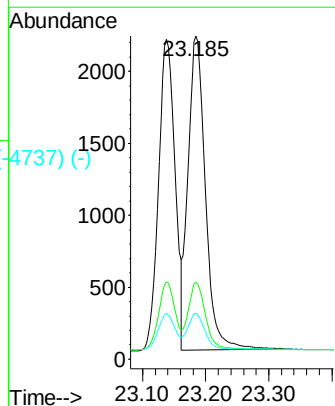
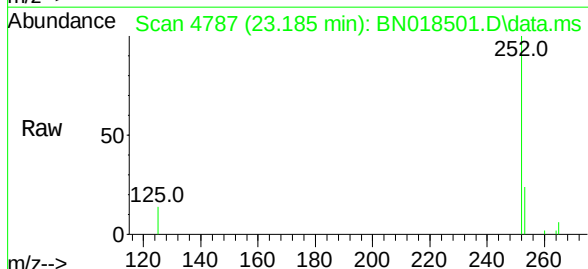


Abundance Scan 4788 (23.187 min): BN018500.D\data.ms (-4725) (-)

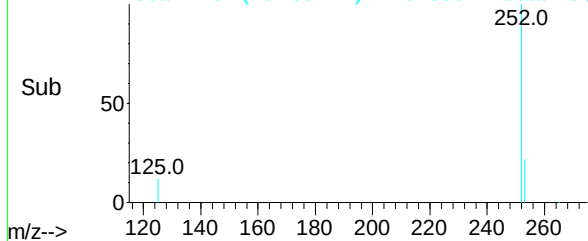


Benzo(k)fluoranthene
Concen: 0.752 ng/ul
RT: 23.185 min Scan# 4787
Delta R.T. -0.003 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

Tgt Ion:	252	Resp:	4175
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	28.0
125	14.2	7.3	10.9#



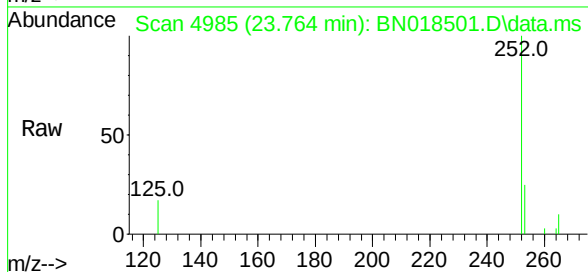
Abundance Scan 4787 (23.185 min): BN018501.D\data.ms (-4737) (-)



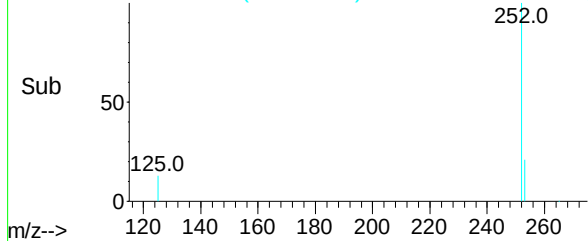
Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 0.700 ng/ul
RT: 23.764 min Scan# 4925
Delta R.T. 0.000 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25

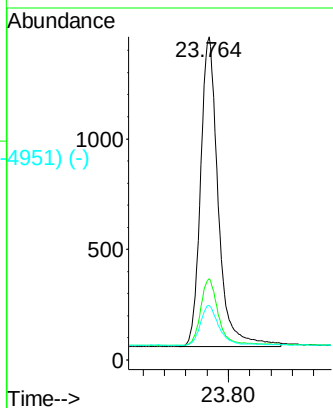
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232



Abundance Scan 4985 (23.764 min): BN018501.D\data.ms (-4951) (-)

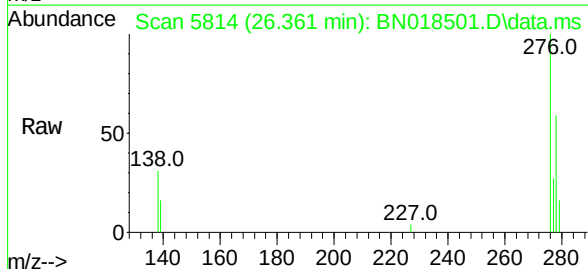
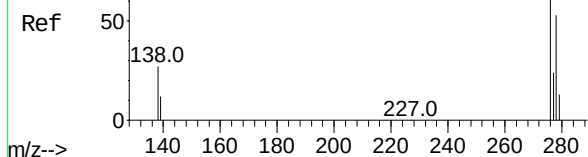


Tgt Ion:	252	Resp:	3236
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.9	28.3
125	16.8	8.2	12.2#

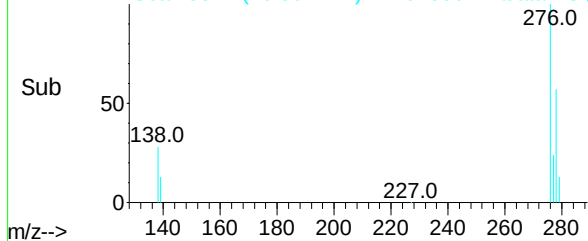


Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5727) (-)

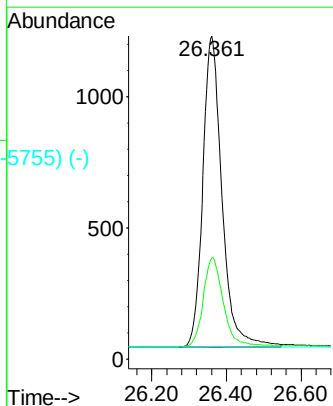
Indeno(1,2,3-cd)pyrene
Concen: 0.718 ng/ul
RT: 26.361 min Scan# 5814
Delta R.T. -0.003 min
Lab File: BN018501.D
Acq: 31 Jan 2022 16:25



Abundance Scan 5814 (26.361 min): BN018501.D\data.ms (-5755) (-)



Tgt Ion:	276	Resp:	4222
Ion Ratio	Lower	Upper	
276	100		
138	29.8	16.5	24.7#
227	0.1	0.1	0.1#



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

Dibenzo(a,h)anthracene

Concen: 0.742 ng/ul

RT: 26.381 min Scan# 5822

Delta R.T. -0.006 min

Lab File: BN018501.D

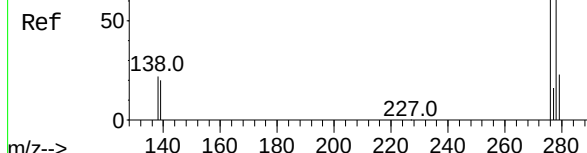
Acq: 31 Jan 2022 16:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.8232



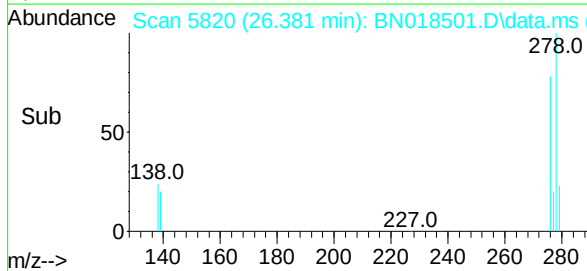
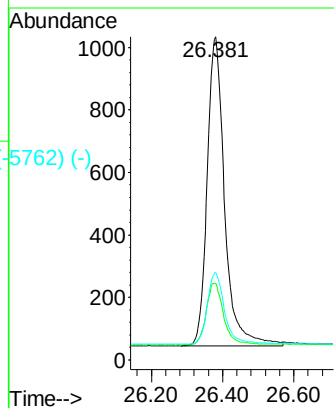
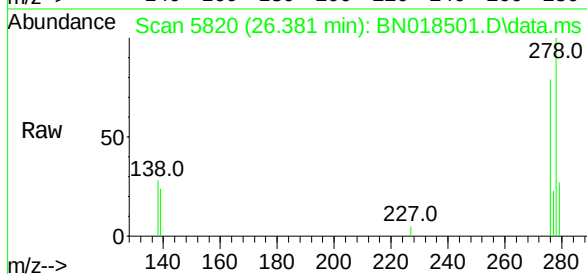
Tgt Ion:278 Resp: 3367

Ion Ratio Lower Upper

278 100

139 23.8 11.9 17.9#

279 27.2 19.5 29.3



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

Benzo(g,h,i)perylene

Concen: 0.738 ng/ul

RT: 27.119 min Scan# 6040

Delta R.T. -0.006 min

Lab File: BN018501.D

Acq: 31 Jan 2022 16:25

Tgt Ion:276 Resp: 3695

Ion Ratio Lower Upper

276 100

138 29.4 14.4 21.6#

277 26.8 19.2 28.8

