

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013122\
 Data File : BN018499.D
 Acq On : 31 Jan 2022 15:14
 Operator : CG/JU
 Sample : SST00.230
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST00.2230

Quant Time: Feb 01 03:45:27 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)

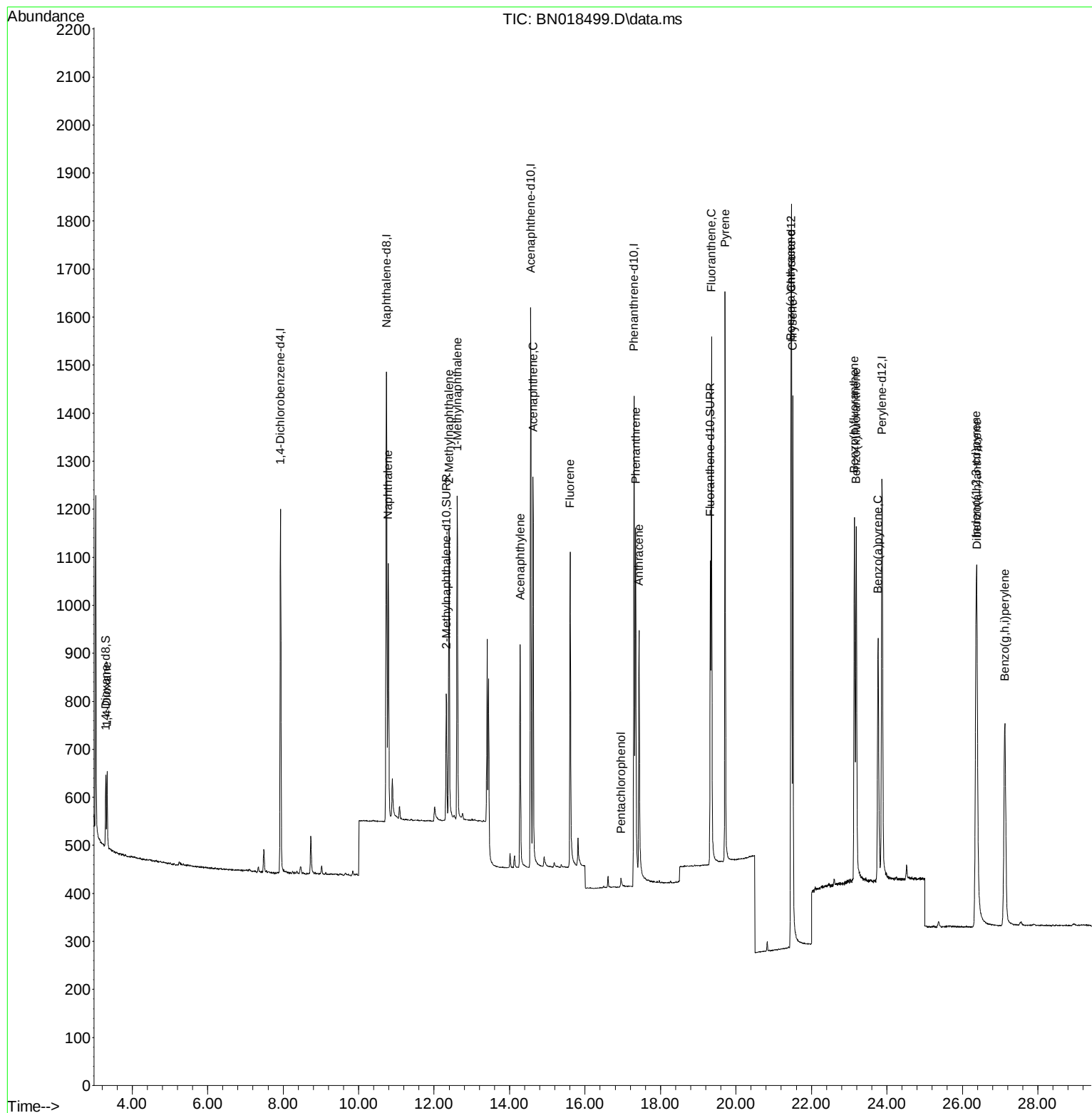
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	1352	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.563	164	698	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	1301	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.470	240	1280	0.400	ng/ul	# 0.00
23) Perylene-d12	23.870	264	1255	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	105	0.283	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	367	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	730	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	105	0.254	ng/ul	90
5) Naphthalene	10.783	128	763	0.190	ng/ul#	80
7) 2-Methylnaphthalene	12.394	142	471	0.160	ng/ul	99
8) 1-Methylnaphthalene	12.614	142	487	0.165	ng/ul	98
10) Acenaphthylene	14.280	152	593	0.197	ng/ul#	80
11) Acenaphthene	14.623	153	492	0.202	ng/ul	94
12) Fluorene	15.608	166	510	0.170	ng/ul#	95
14) Pentachlorophenol	16.952	266	20	0.039	ng/ul#	85
15) Phenanthrene	17.340	178	861	0.200	ng/ul#	84
16) Anthracene	17.433	178	687	0.178	ng/ul#	81
19) Fluoranthene	19.351	202	986	0.194	ng/ul#	78
20) Pyrene	19.709	202	1038	0.195	ng/ul#	77
21) Benzo(a)anthracene	21.456	228	856	0.175	ng/ul#	90
22) Chrysene	21.508	228	992	0.187	ng/ul#	92
24) Benzo(b)fluoranthene	23.139	252	1062	0.202	ng/ul#	79
25) Benzo(k)fluoranthene	23.189	252	1101	0.184	ng/ul#	79
26) Benzo(a)pyrene	23.768	252	884	0.177	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.366	276	1141	0.180	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.383	278	895	0.183	ng/ul#	65
29) Benzo(g,h,i)perylene	27.121	276	997	0.185	ng/ul#	70

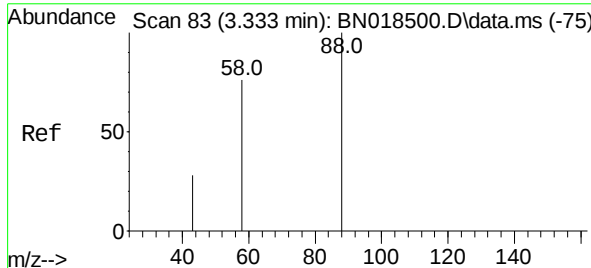
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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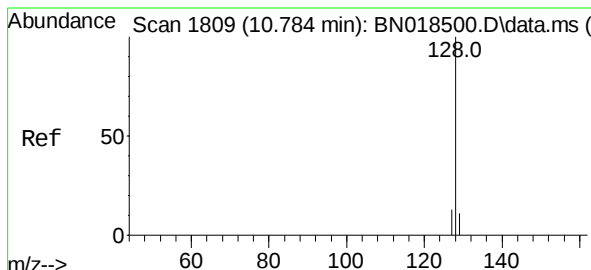
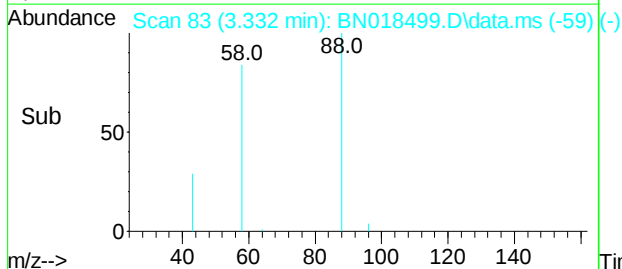
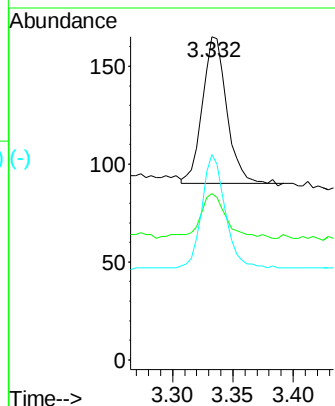
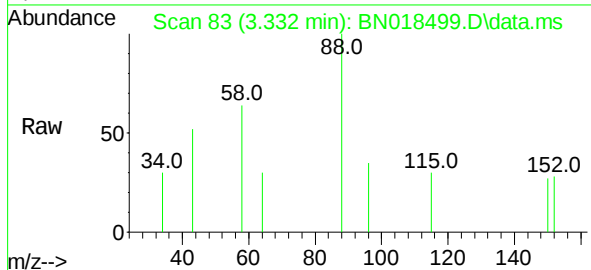




1,4-Dioxane
Concen: 0.254 ng/ul
RT: 3.332 min Scan# 83
Delta R.T. -0.000 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

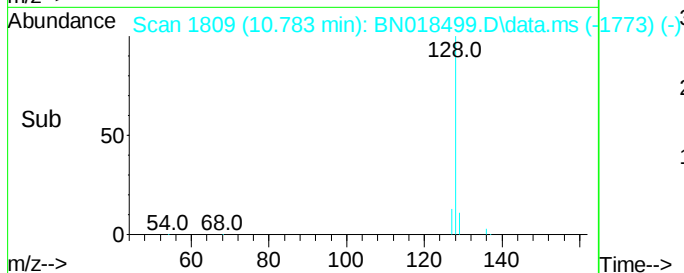
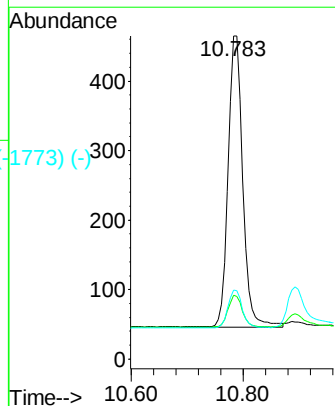
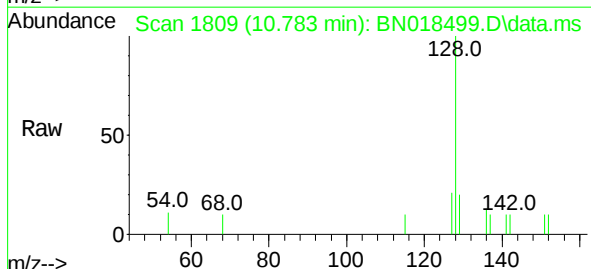
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

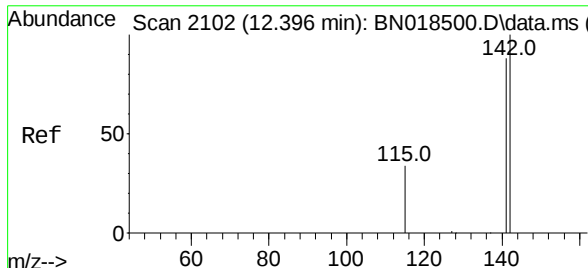
Tgt Ion:	88	Resp:	105
Ion	Ratio	Lower	Upper
88	100		
43	51.5	47.8	71.8
58	63.6	46.2	69.2



Naphthalene
Concen: 0.190 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.002 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Tgt Ion:	128	Resp:	763
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.4	14.0#
127	21.3	11.0	16.6#

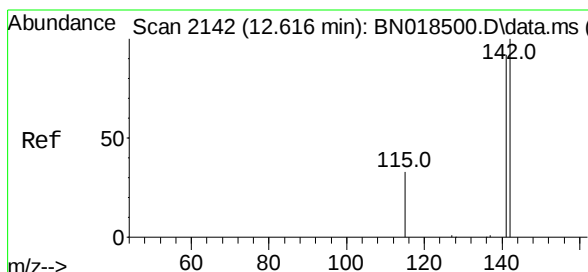
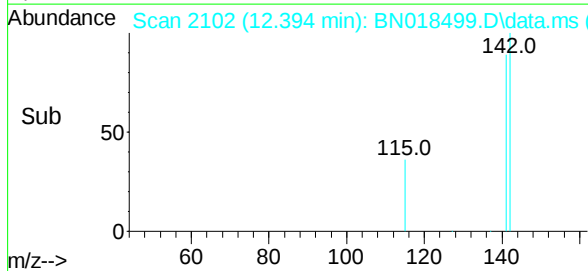
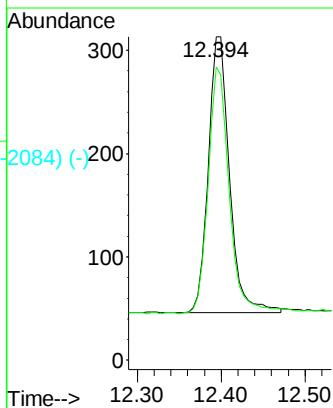
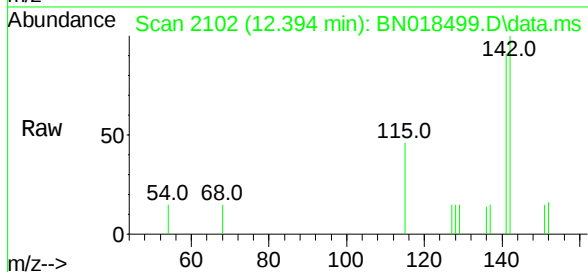




2-Methylnaphthalene
 Concen: 0.160 ng/ul
 RT: 12.394 min Scan# 2102
 Delta R.T. -0.002 min
 Lab File: BN018499.D
 Acq: 31 Jan 2022 15:14

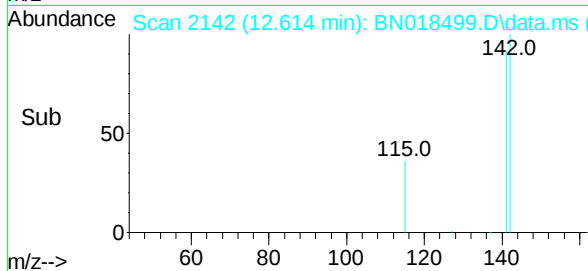
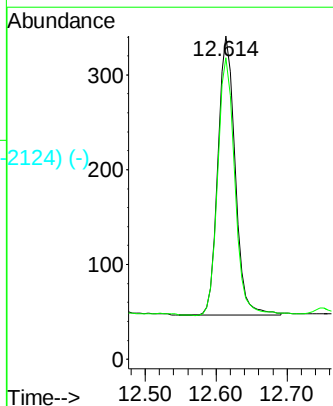
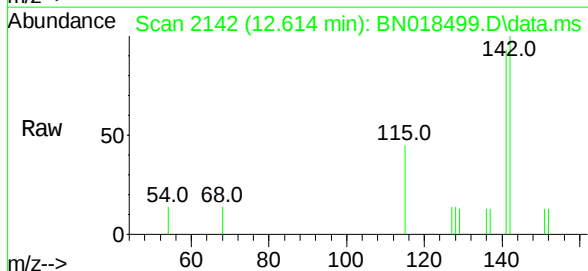
Instrument :
 BNA_N
 ClientSampleId :
 SST00.2230

Tgt Ion:142 Resp: 471
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.9 106.3

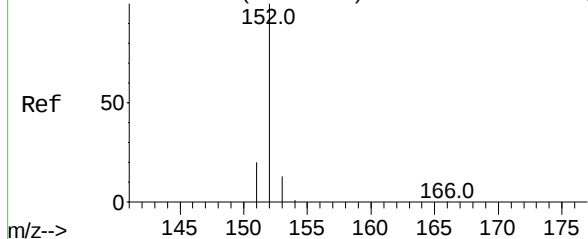


1-Methylnaphthalene
 Concen: 0.165 ng/ul
 RT: 12.614 min Scan# 2142
 Delta R.T. -0.002 min
 Lab File: BN018499.D
 Acq: 31 Jan 2022 15:14

Tgt Ion:142 Resp: 487
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.2 109.8



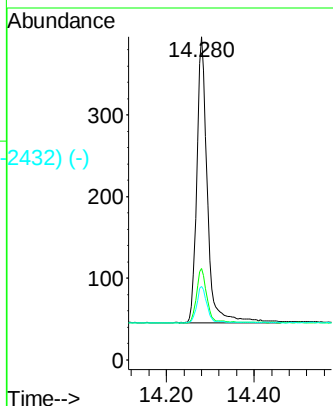
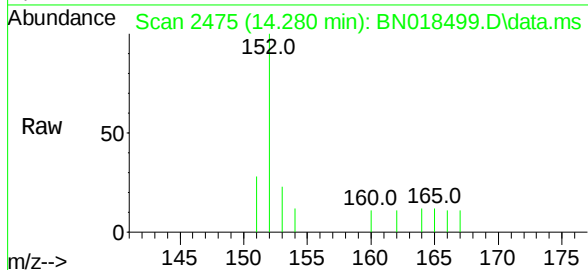
Abundance Scan 2475 (14.282 min): BN018500.D\data.ms (-2432) (-)



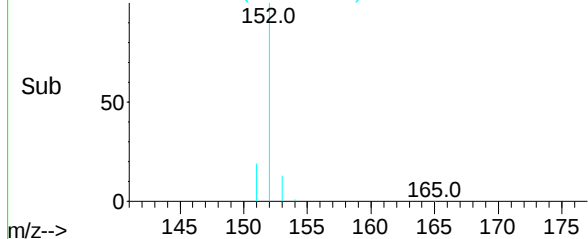
Acenaphthylene
Concen: 0.197 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.002 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

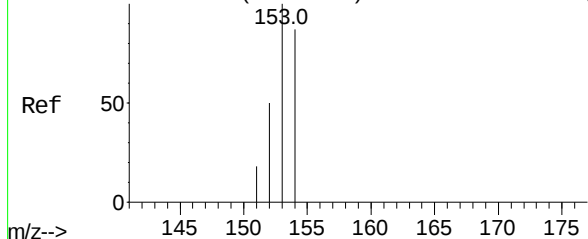
Tgt Ion:	152	Resp:	593
Ion Ratio	Lower	Upper	
152	100		
151	28.3	15.8	23.8#
153	22.7	10.7	16.1#



Abundance Scan 2475 (14.280 min): BN018499.D\data.ms (-2432) (-)

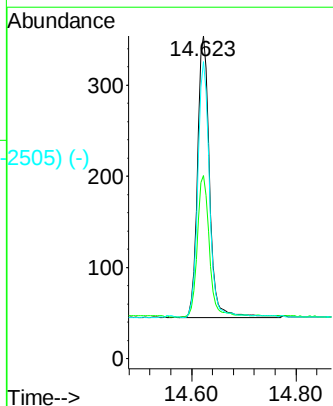
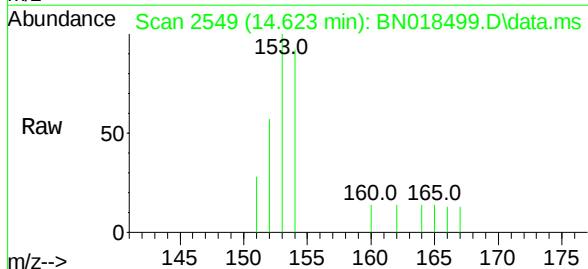


Abundance Scan 2548 (14.620 min): BN018500.D\data.ms (-2539) (-)

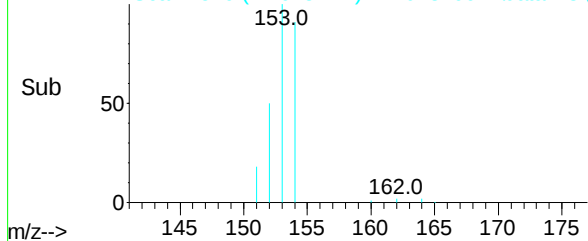


Acenaphthene
Concen: 0.202 ng/ul
RT: 14.623 min Scan# 2549
Delta R.T. 0.003 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

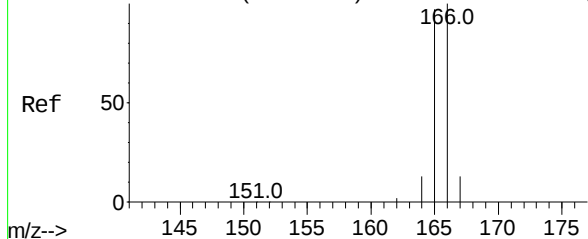
Tgt Ion:	153	Resp:	492
Ion Ratio	Lower	Upper	
153	100		
152	56.8	39.7	59.5
154	92.1	70.9	106.3



Abundance Scan 2549 (14.623 min): BN018499.D\data.ms (-2505) (-)



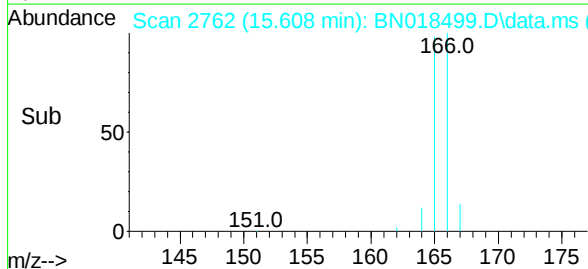
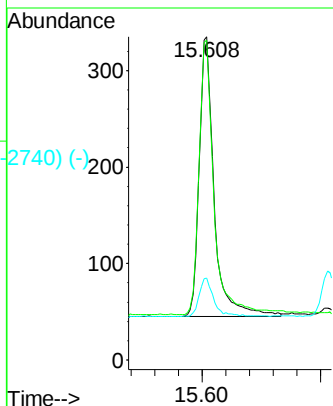
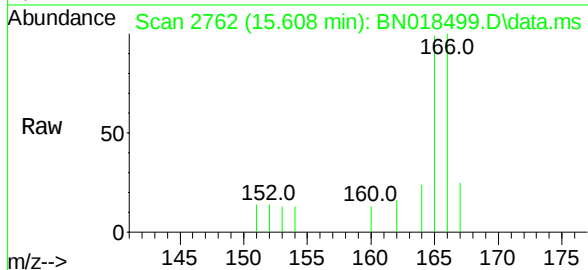
Abundance Scan 2761 (15.605 min): BN018500.D\data.ms (-2761) (-)



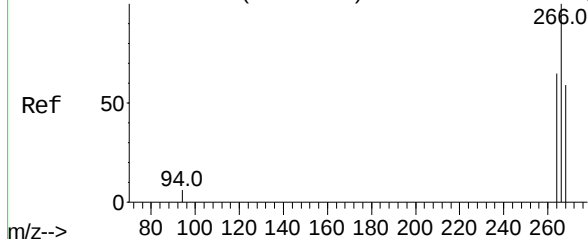
Fluorene
Concen: 0.170 ng/ul
RT: 15.608 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.2230

Tgt Ion:	166	Resp:	510
Ion Ratio	Lower	Upper	
166	100		
165	99.1	77.8	116.6
167	25.4	11.6	17.4#

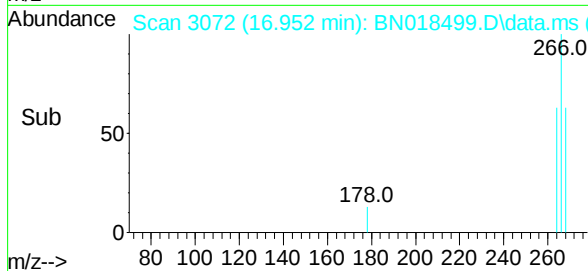
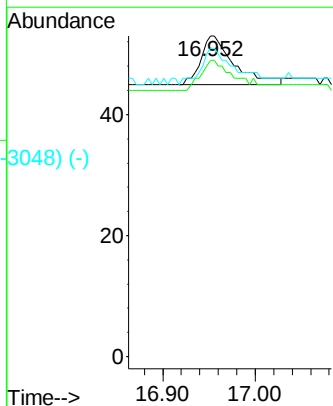
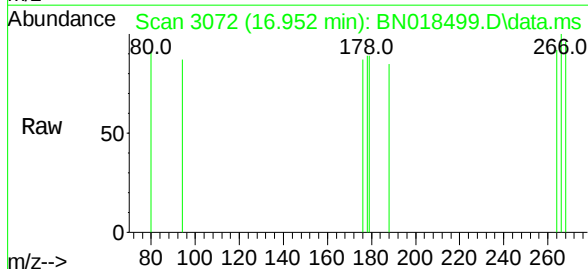


Abundance Scan 3071 (16.949 min): BN018500.D\data.ms (-3071) (-)



Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.952 min Scan# 3072
Delta R.T. 0.003 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Tgt Ion:	266	Resp:	20
Ion Ratio	Lower	Upper	
266	100		
264	70.0	49.9	74.9
268	80.0	51.7	77.5#



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

Phenanthrene

Concen: 0.200 ng/ul

RT: 17.340 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BN018499.D

Acq: 31 Jan 2022 15:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.2230

Tgt Ion:178 Resp: 861

Ion Ratio Lower Upper

178 100

179 22.2 12.2 18.4#

176 26.1 15.4 23.2#

Abundance Scan 3164 (17.340 min): BN018499.D\data.ms

Ref 50

178.0

94.0 266.0

Raw 50

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3164 (17.340 min): BN018499.D\data.ms (-3117) (-)

Sub 50

178.0

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.340

500

400

300

200

100

0

Time-->

17.20 17.30 17.40

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

Anthracene

Concen: 0.178 ng/ul

RT: 17.433 min Scan# 3186

Delta R.T. 0.003 min

Lab File: BN018499.D

Acq: 31 Jan 2022 15:14

Tgt Ion:178 Resp: 687

Ion Ratio Lower Upper

178 100

179 24.7 12.3 18.5#

176 27.2 15.5 23.3#

Abundance Scan 3186 (17.433 min): BN018499.D\data.ms

Ref 50

178.0

94.0 268.0

Raw 50

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3186 (17.433 min): BN018499.D\data.ms (-3162) (-)

Sub 50

178.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

17.433

500

400

300

200

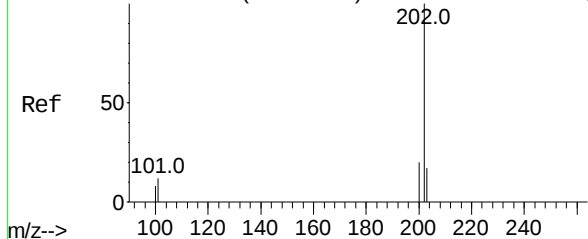
100

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Time-->

17.40 17.50 17.60

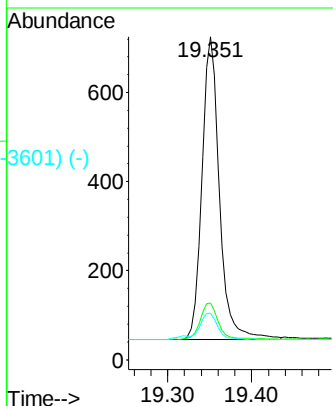
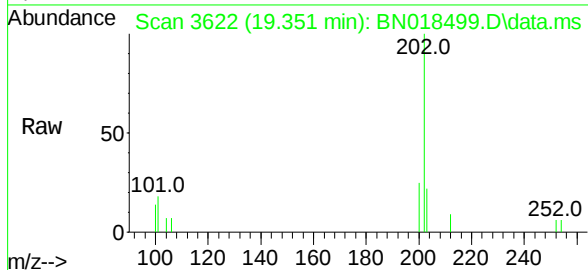
Abundance Scan 3622 (19.352 min): BN018500.D\data.ms (-3619) (-)



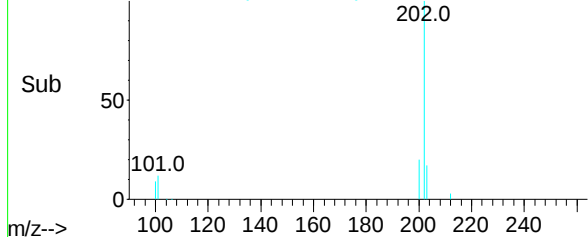
Fluoranthene
Concen: 0.194 ng/ul
RT: 19.351 min Scan# 3622
Delta R.T. -0.001 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Instrument :
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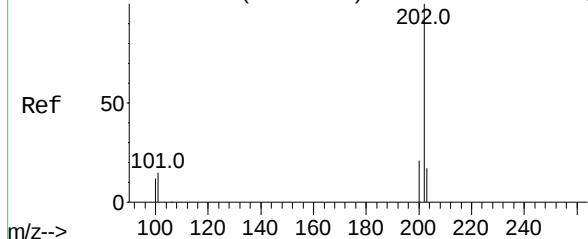
Tgt Ion:	202	Resp:	986
Ion Ratio	Lower	Upper	
202	100		
101	17.5	7.5	11.3#
100	14.3	5.4	8.2#



Abundance Scan 3622 (19.351 min): BN018499.D\data.ms (-3601) (-)

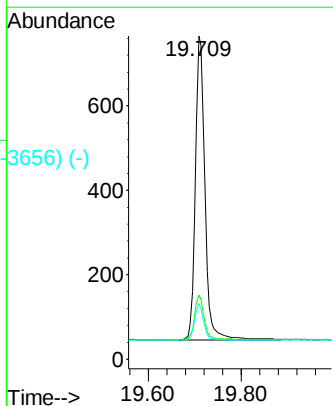
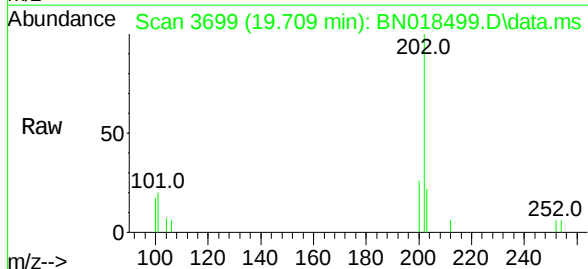


Abundance Scan 3699 (19.710 min): BN018500.D\data.ms (-3629) (-)

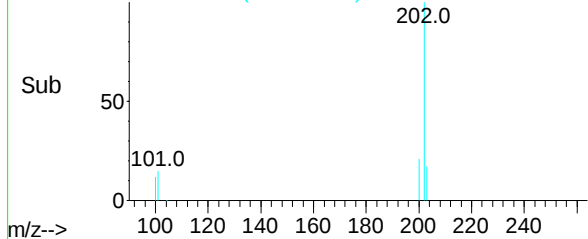


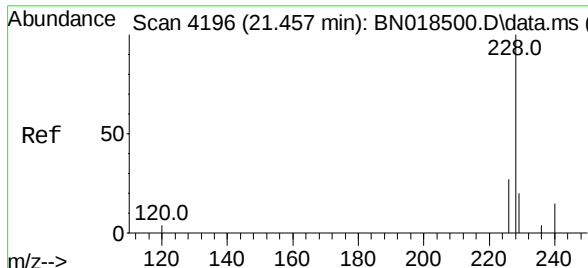
Pyrene
Concen: 0.195 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. -0.001 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Tgt Ion:	202	Resp:	1038
Ion Ratio	Lower	Upper	
202	100		
101	19.8	9.0	13.4#
100	17.2	7.0	10.4#



Abundance Scan 3699 (19.709 min): BN018499.D\data.ms (-3656) (-)

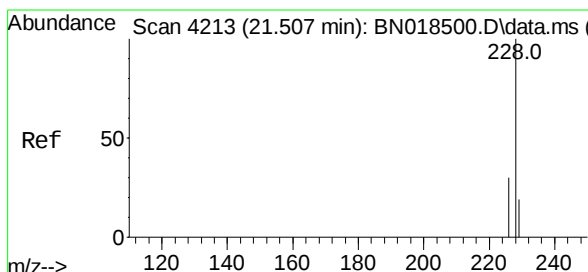
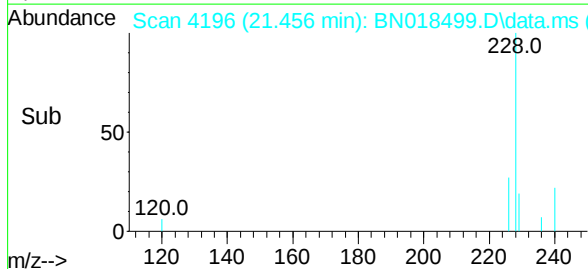
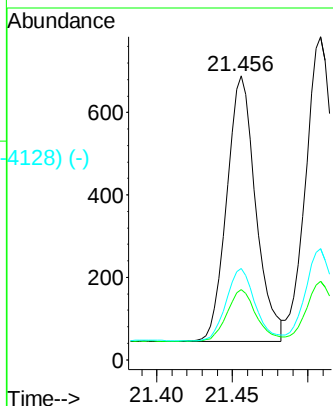
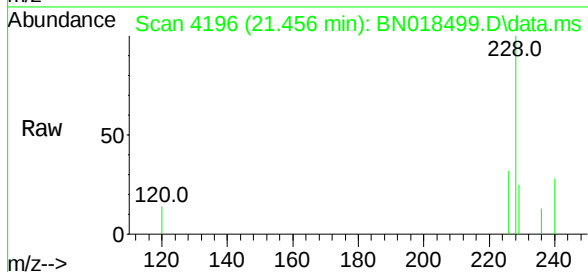




Benzo(a)anthracene
 Concen: 0.175 ng/ul
 RT: 21.456 min Scan# 4196
 Delta R.T. -0.001 min
 Lab File: BN018499.D
 Acq: 31 Jan 2022 15:14

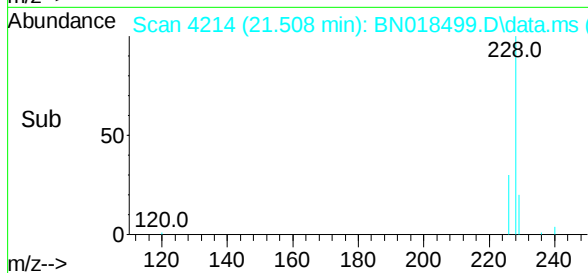
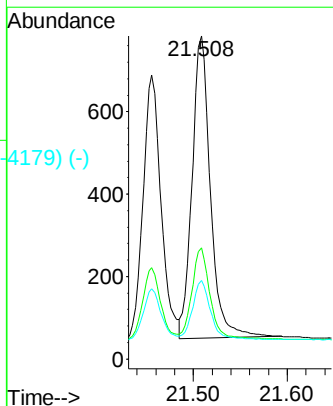
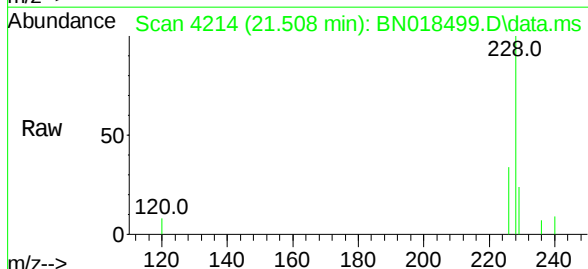
Instrument :
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 SST00.2230

Tgt Ion:	228	Resp:	856
Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.6	23.4#
226	32.2	22.1	33.1



Chrysene
 Concen: 0.187 ng/ul
 RT: 21.508 min Scan# 4214
 Delta R.T. 0.002 min
 Lab File: BN018499.D
 Acq: 31 Jan 2022 15:14

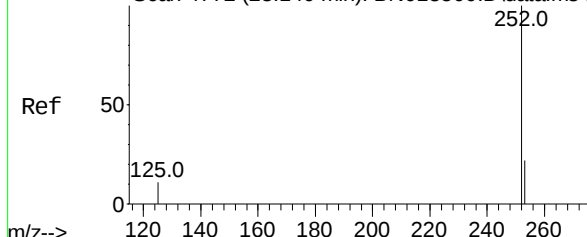
Tgt Ion:	228	Resp:	992
Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.2	36.4
229	24.2	15.7	23.5#



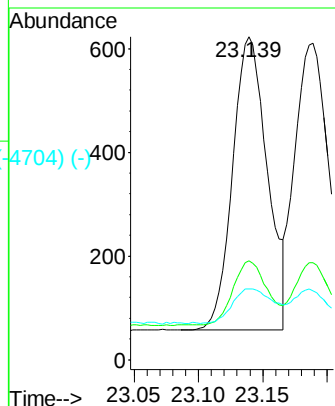
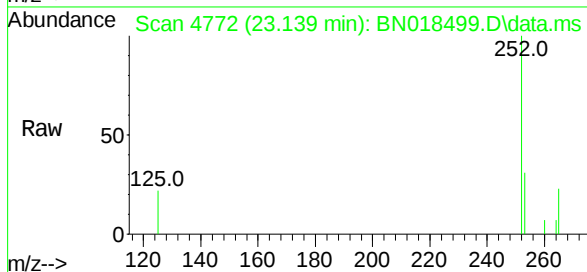
Abundance Scan 4772 (23.140 min): BN018500.D\data.ms (-4724) (-)

Benzo(b)fluoranthene
Concen: 0.202 ng/u1
RT: 23.139 min Scan# 4724
Delta R.T. -0.001 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

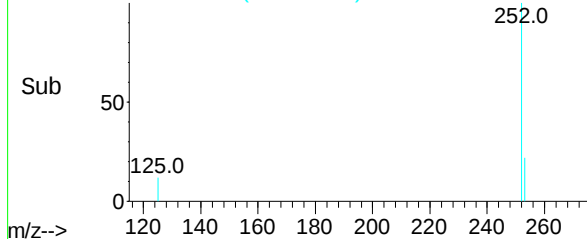
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230



Tgt Ion:	252	Resp:	1062
Ion Ratio	Lower	Upper	
252	100		
253	30.7	0.0	46.4
125	22.0	0.0	17.8#



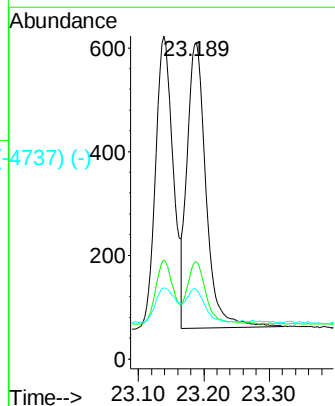
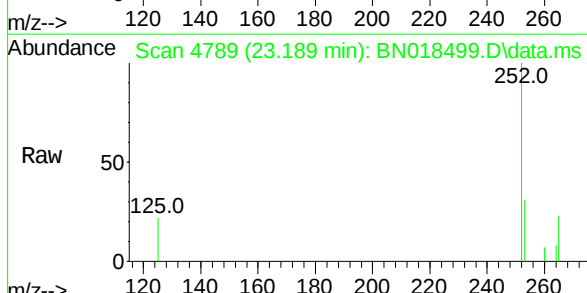
Abundance Scan 4772 (23.139 min): BN018499.D\data.ms (-4704) (-)



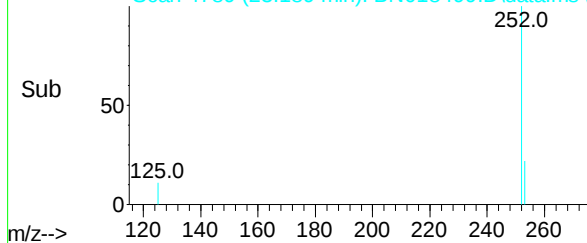
Abundance Scan 4788 (23.187 min): BN018500.D\data.ms (-4725) (-)

Benzo(k)fluoranthene
Concen: 0.184 ng/u1
RT: 23.189 min Scan# 4789
Delta R.T. 0.002 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Tgt Ion:	252	Resp:	1101
Ion Ratio	Lower	Upper	
252	100		
253	30.6	18.6	28.0#
125	21.8	7.3	10.9#



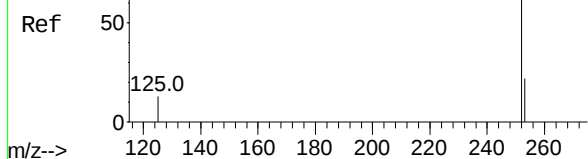
Abundance Scan 4789 (23.189 min): BN018499.D\data.ms (-4737) (-)



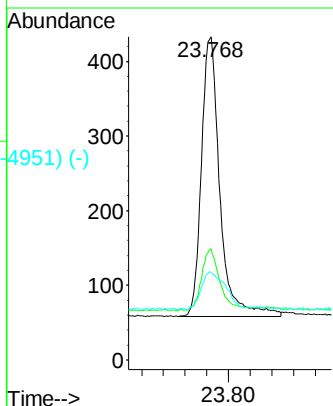
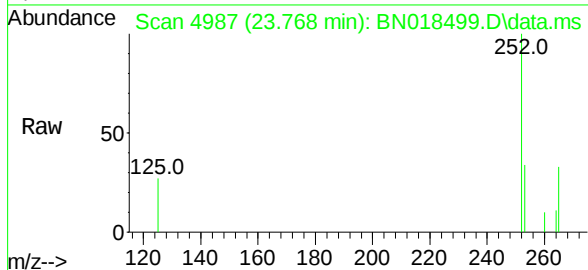
Abundance Scan 4985 (23.763 min): BN018500.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.768 min Scan# 4925
Delta R.T. 0.005 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

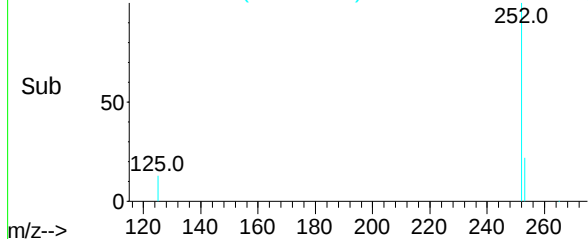
Instrument :
BNA_N
ClientSampleId :
SSTD0.2230



Tgt Ion:	252	Resp:	884
Ion Ratio	Lower	Upper	
252	100		
253	34.4	18.9	28.3#
125	27.0	8.2	12.2#



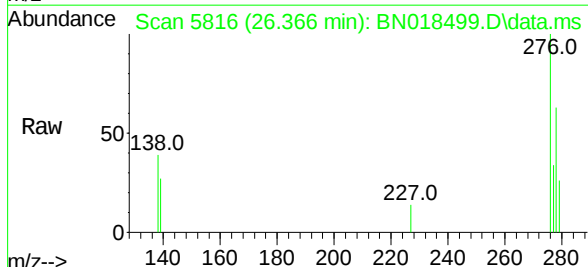
Abundance Scan 4987 (23.768 min): BN018499.D\data.ms (-4951) (-)



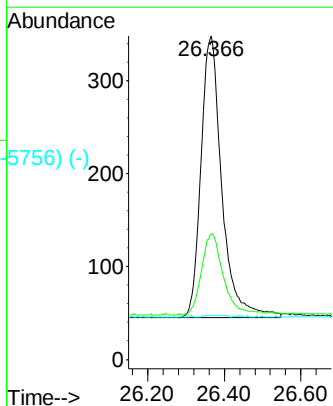
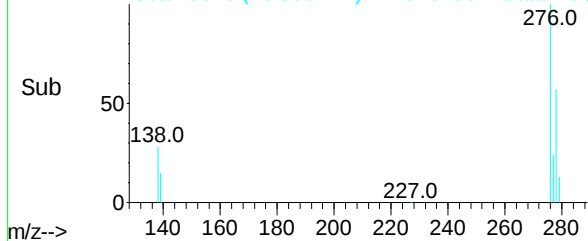
Abundance Scan 5815 (26.364 min): BN018500.D\data.ms (-5727) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 26.366 min Scan# 5816
Delta R.T. 0.002 min
Lab File: BN018499.D
Acq: 31 Jan 2022 15:14

Tgt Ion:	276	Resp:	1141
Ion Ratio	Lower	Upper	
276	100		
138	30.1	16.5	24.7#
227	0.0	0.1	0.1#



Abundance Scan 5816 (26.366 min): BN018499.D\data.ms (-5756) (-)



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

Dibenzo(a,h)anthracene

Concen: 0.183 ng/ul

RT: 26.383 min Scan# 5822

Delta R.T. -0.005 min

Lab File: BN018499.D

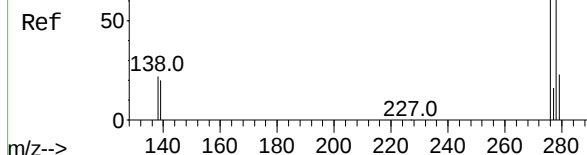
Acq: 31 Jan 2022 15:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.2230



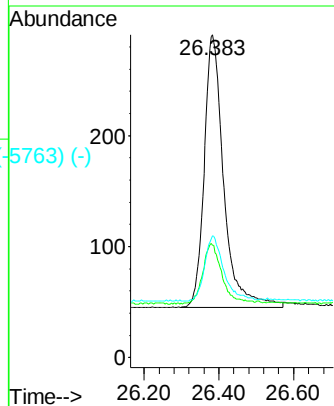
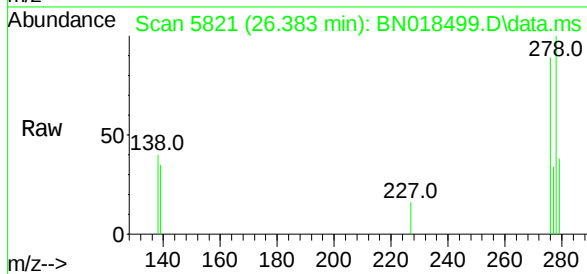
Tgt Ion:278 Resp: 895

Ion Ratio Lower Upper

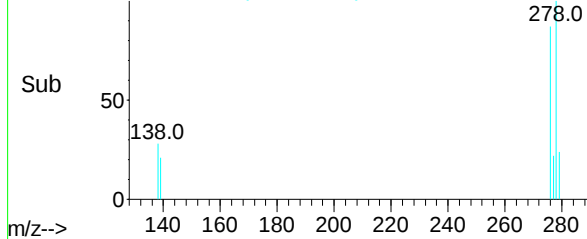
278 100

139 34.7 11.9 17.9#

279 37.8 19.5 29.3#



Abundance Scan 5821 (26.383 min): BN018499.D\data.ms (-5763) (-)



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

Benzo(g,h,i)perylene

Concen: 0.185 ng/ul

RT: 27.121 min Scan# 6041

Delta R.T. -0.005 min

Lab File: BN018499.D

Acq: 31 Jan 2022 15:14

Tgt Ion:276 Resp: 997

Ion Ratio Lower Upper

276 100

138 37.3 14.4 21.6#

277 34.2 19.2 28.8#

