

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
 Data File : BN003704.D
 Acq On : 05 Dec 2018 10:41
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 05 12:03:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 01:17:12 2018
 Response via : Initial Calibration

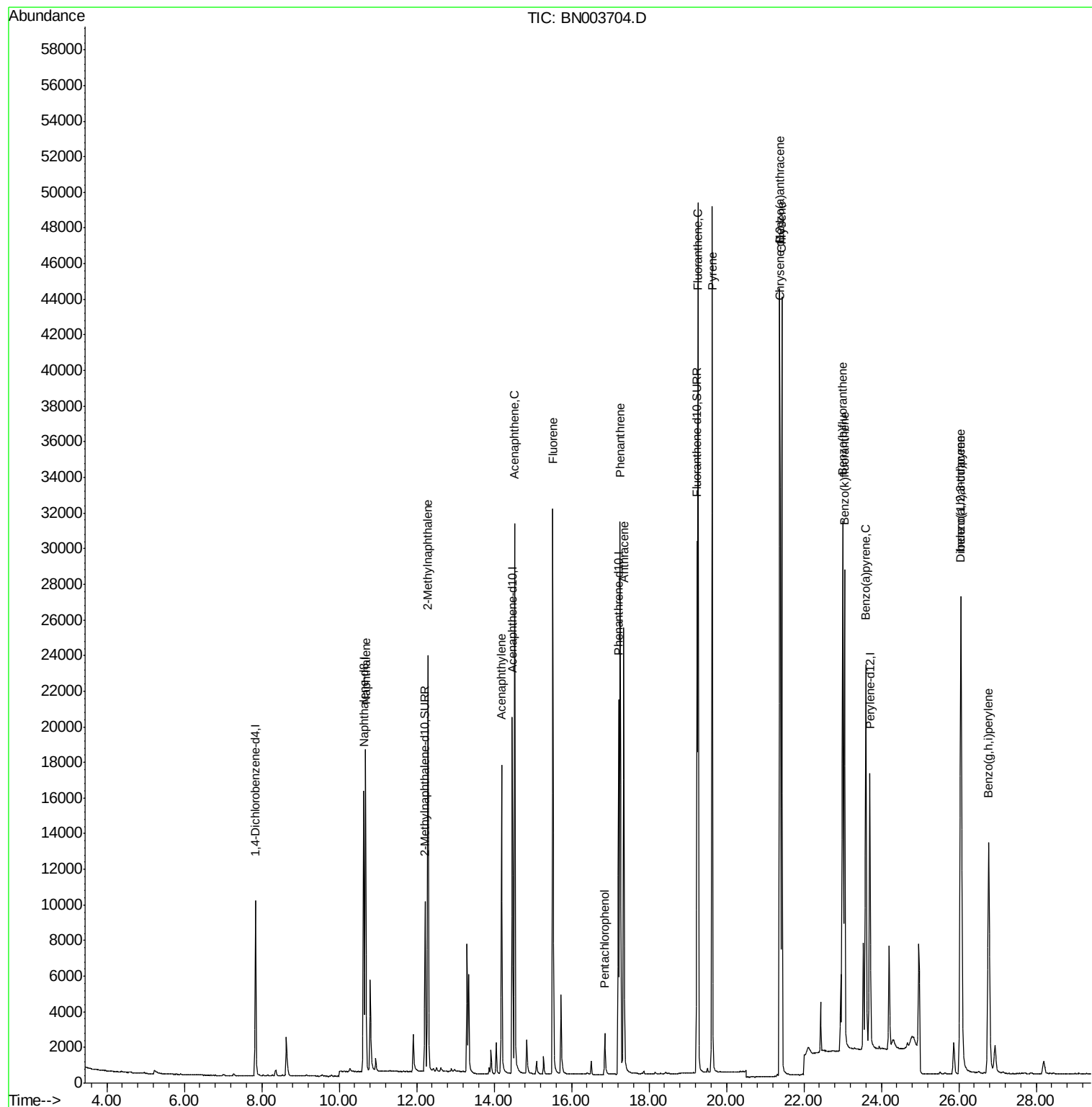
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5368	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	21363	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11328	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	25857	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	24565	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	22290	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	12971	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	31094	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	24764	0.413	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	17173	0.410	ng/ul	99
7) Acenaphthylene	14.20	152	21445	0.420	ng/ul	100
8) Acenaphthene	14.53	153	18351	0.411	ng/ul	100
9) Fluorene	15.52	166	20730	0.398	ng/ul	99
11) Pentachlorophenol	16.86	266	1930	0.414	ng/ul	98
12) Phenanthrene	17.26	178	35063	0.413	ng/ul	99
13) Anthracene	17.35	178	29598	0.424	ng/ul	100
15) Fluoranthene	19.27	202	42317	0.422	ng/ul	97
17) Pyrene	19.63	202	40647	0.461	ng/ul	99
18) Benzo(a)anthracene	21.38	228	34247	0.441	ng/ul	99
19) Chrysene	21.43	228	35938	0.405	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	36524	0.396	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	35990	0.401	ng/ul	99
23) Benzo(a)pyrene	23.60	252	32374	0.405	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.05	276	35283	0.385	ng/ul	97
25) Dibenzo(a,h)anthracene	26.07	278	27634	0.375	ng/ul	99
26) Benzo(g,h,i)perylene	26.77	276	30189	0.379	ng/ul	98

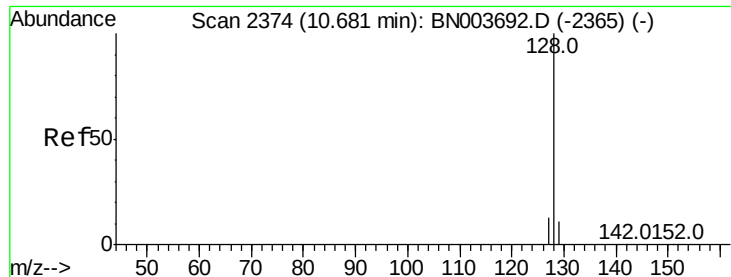
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.413 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

Instrument :

BNA_N

ClientSampleId :

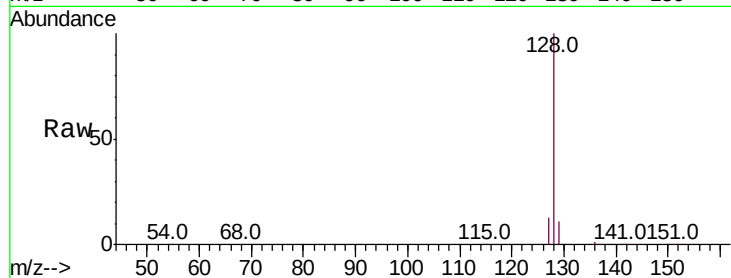
Tot Ion:128 Resp: 24764

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

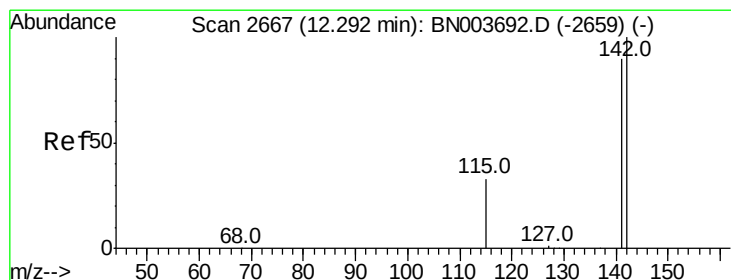
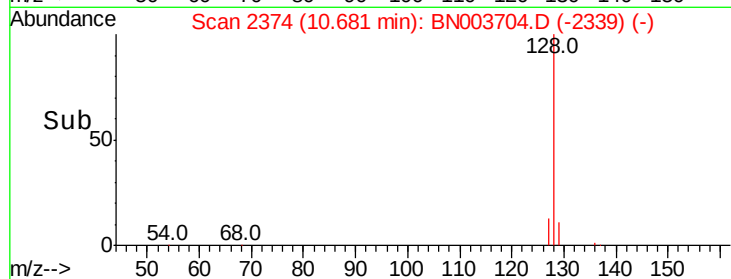
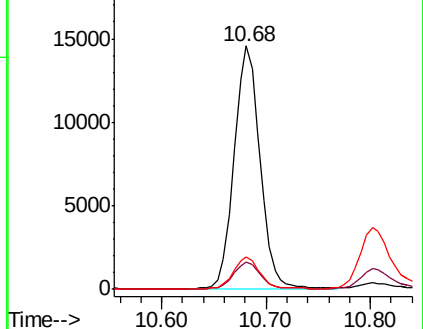
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.410 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN003704.D

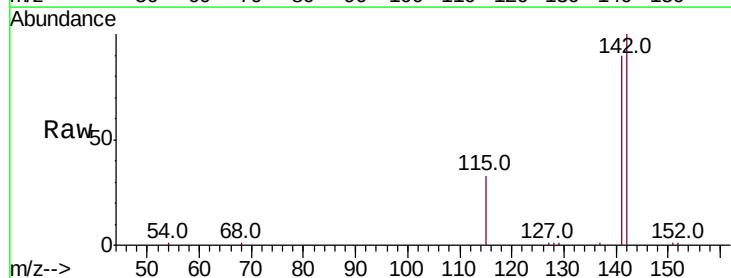
Acq: 05 Dec 2018 10:41

Tgt Ion:142 Resp: 17173

Ion Ratio Lower Upper

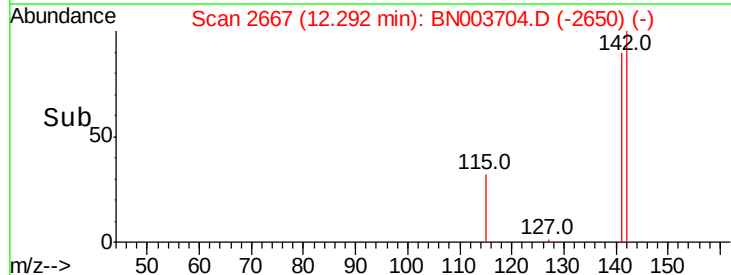
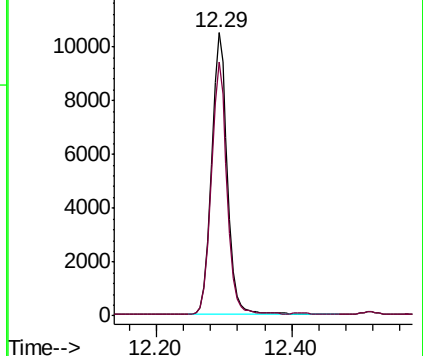
142 100

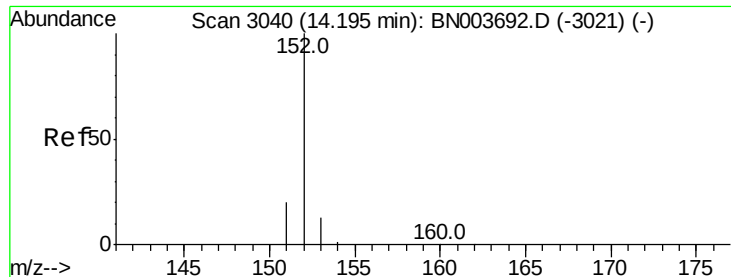
141 88.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.420 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

Instrument :

BNA_N

ClientSampleId :

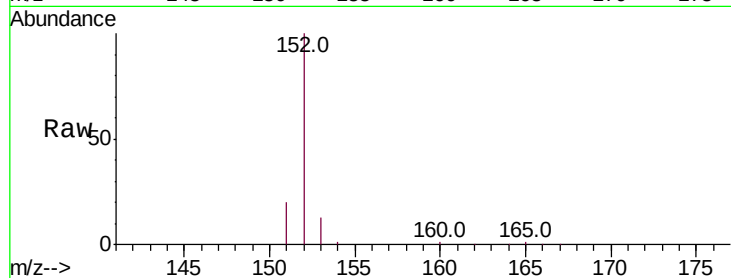
Tot Ion:152 Resp: 21445

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

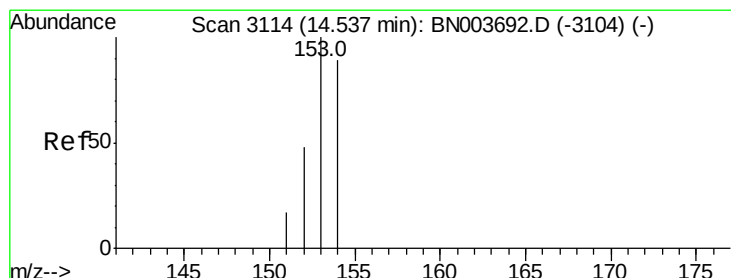
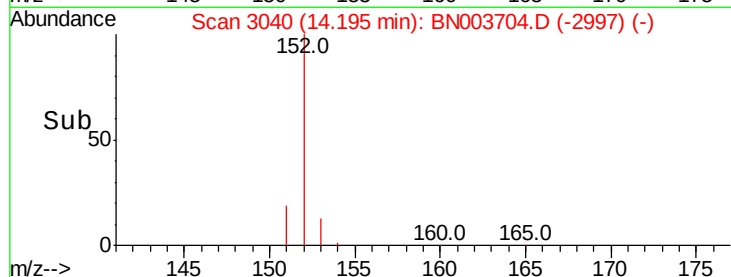
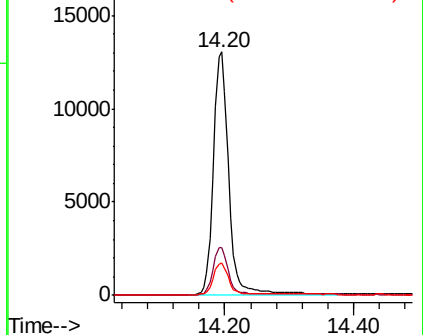
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.411 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

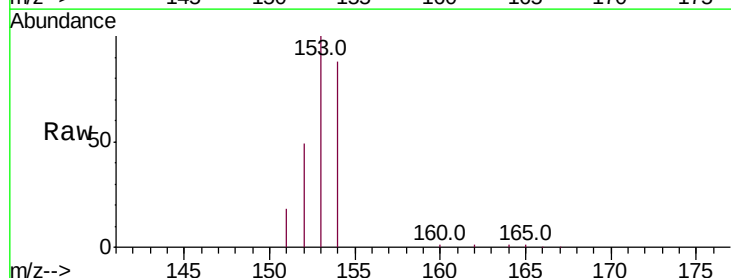
Tgt Ion:153 Resp: 18351

Ion Ratio Lower Upper

153 100

152 49.2 39.3 58.9

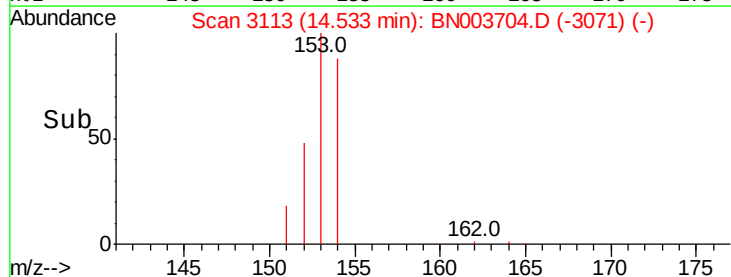
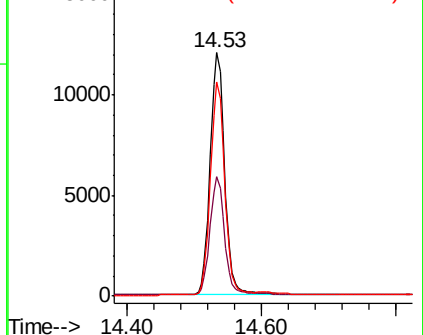
154 88.2 70.3 105.5

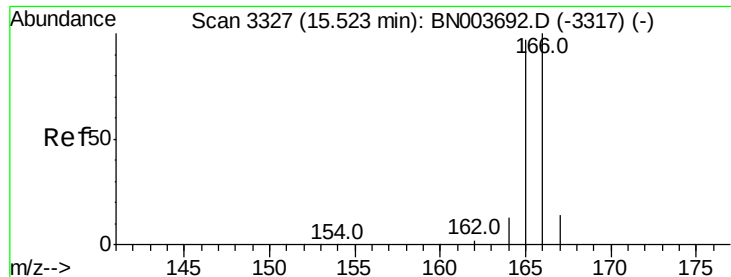


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

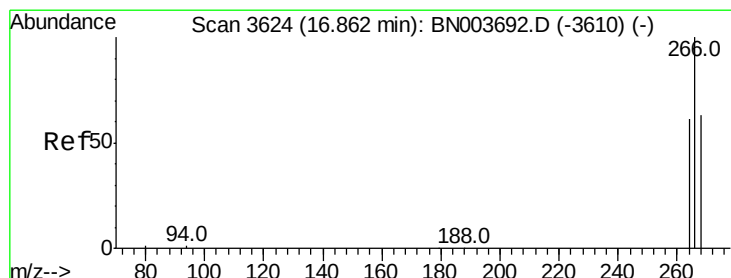
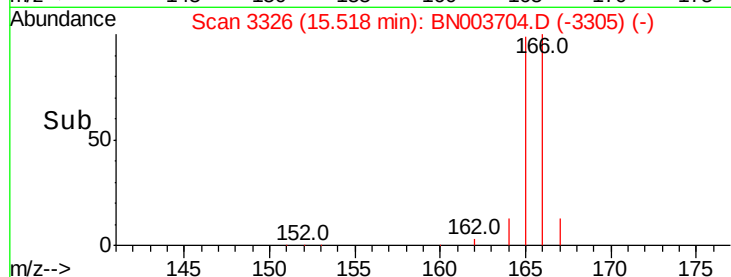
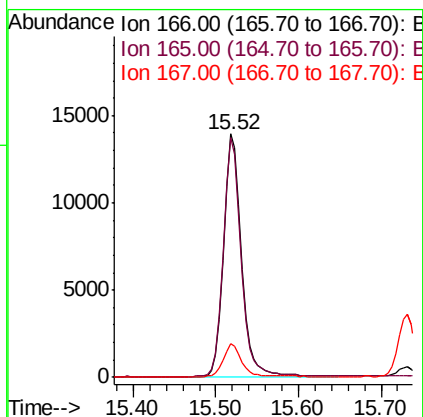
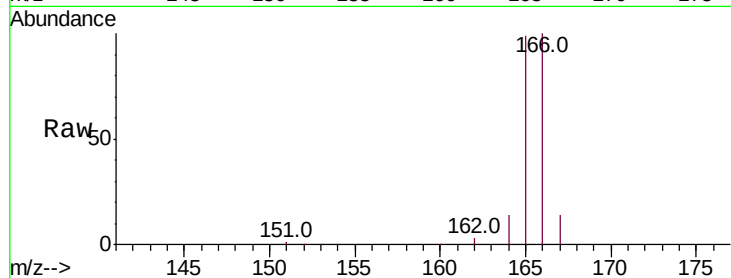




#9
Fluorene
 Concen: 0.398 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN003704.D
 Acq: 05 Dec 2018 10:41

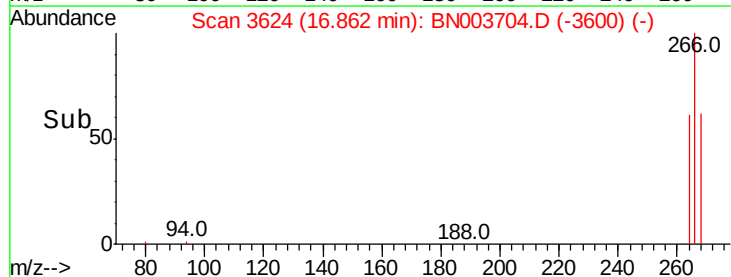
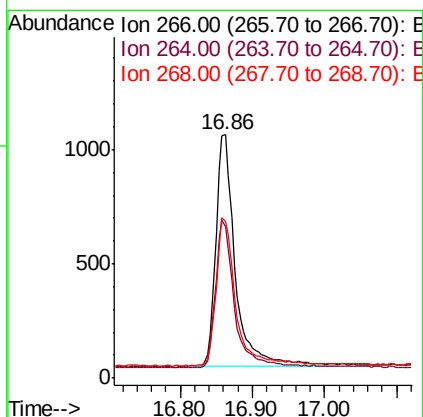
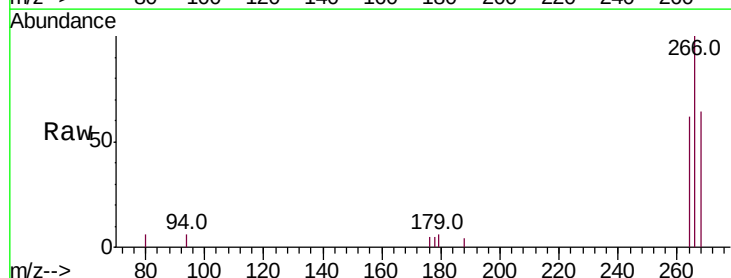
Instrument :
 BNA_N
 ClientSampleId :

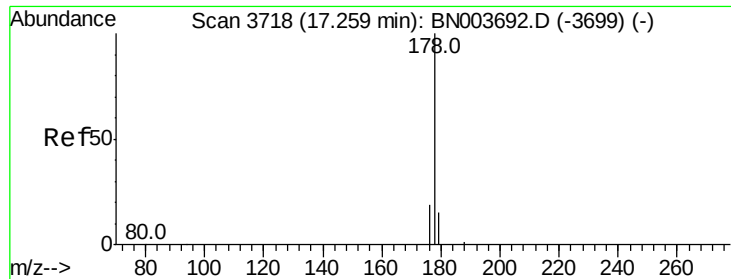
Tot Ion:166 Resp: 20730
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.3 117.5
 167 13.6 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.414 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN003704.D
 Acq: 05 Dec 2018 10:41

Tgt Ion:266 Resp: 1930
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.4 74.2
 268 65.5 51.7 77.5





#12

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

Instrument :

BNA_N

ClientSampleId :

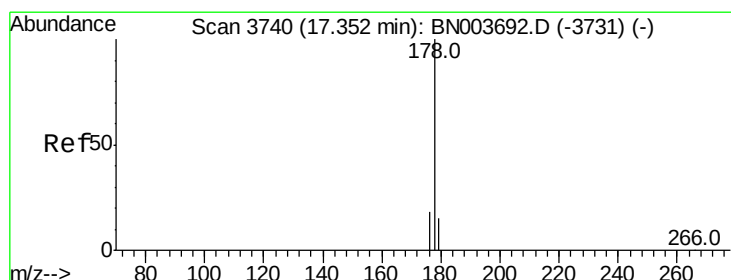
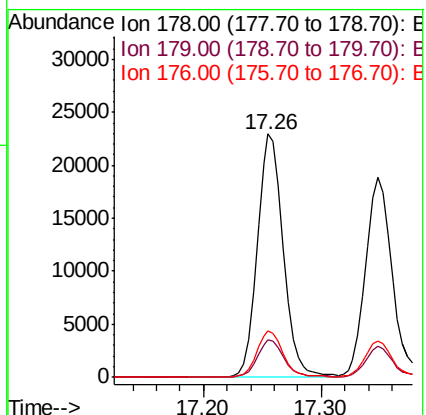
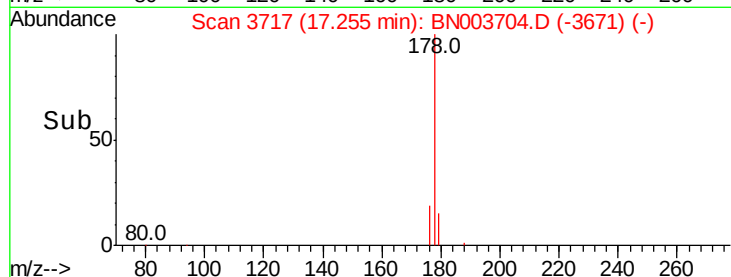
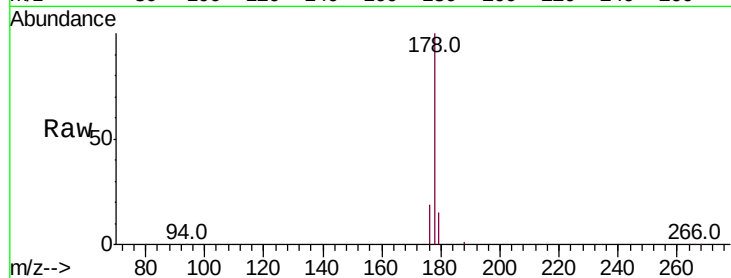
Tot Ion:178 Resp: 35063

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.424 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

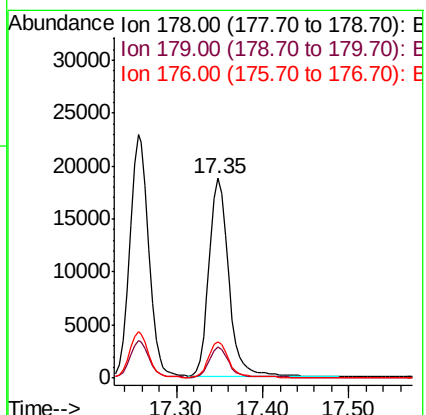
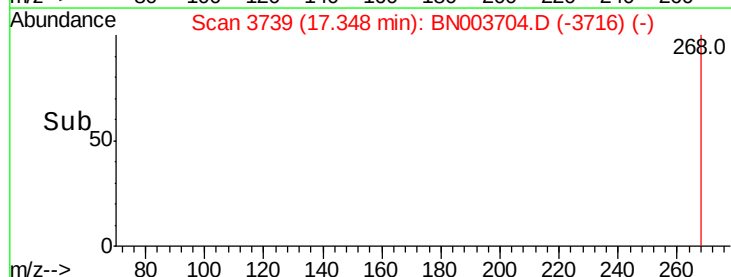
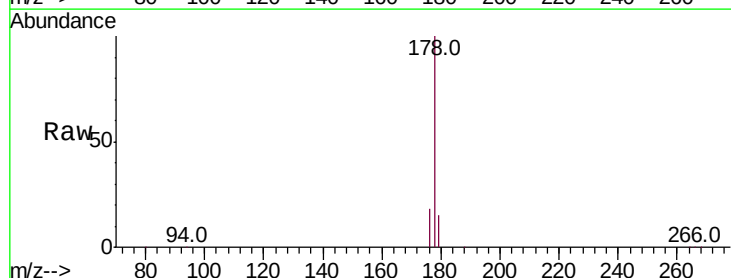
Tgt Ion:178 Resp: 29598

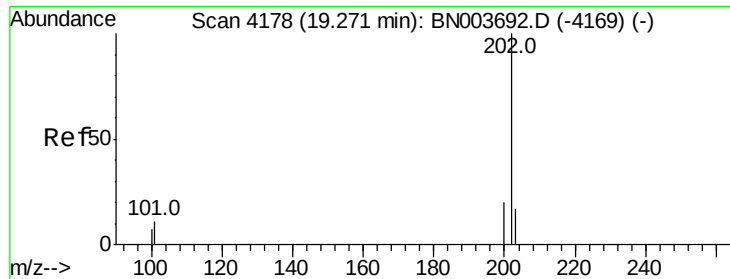
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.2 14.8 22.2

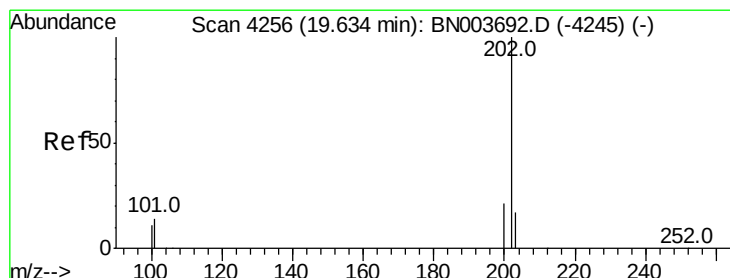
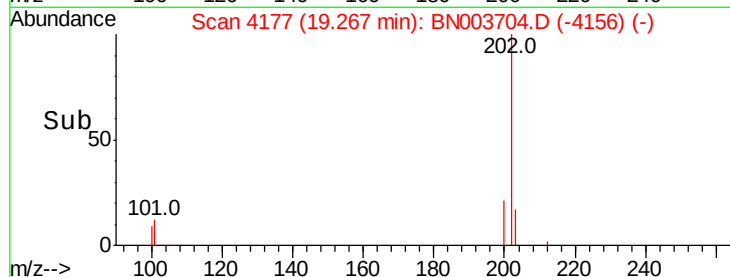
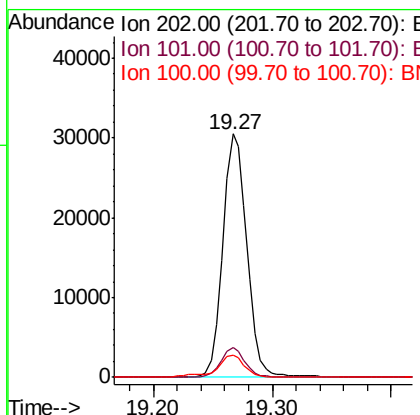
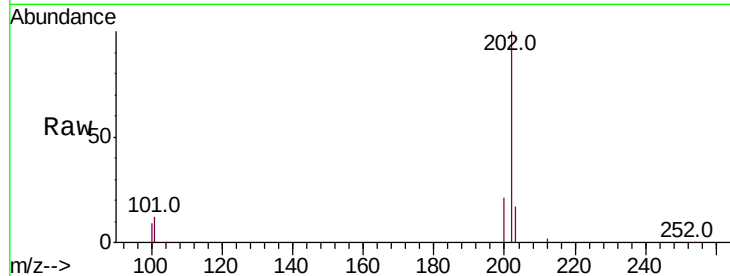




#15
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.27 min Scan# 4177
Delta R.T. -0.00 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

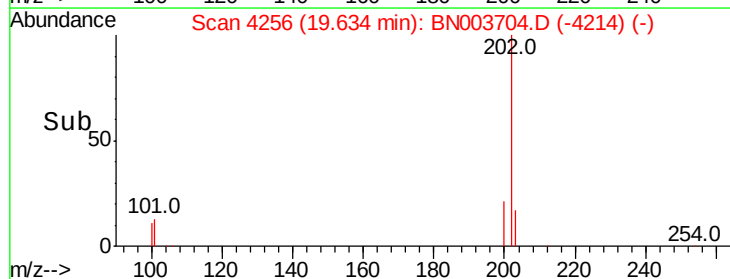
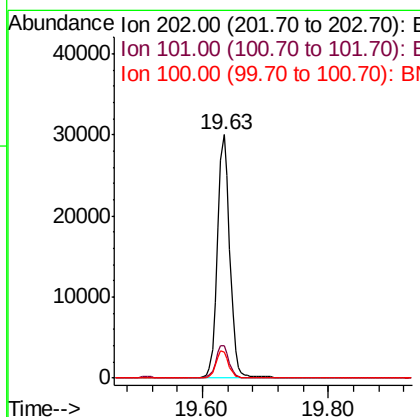
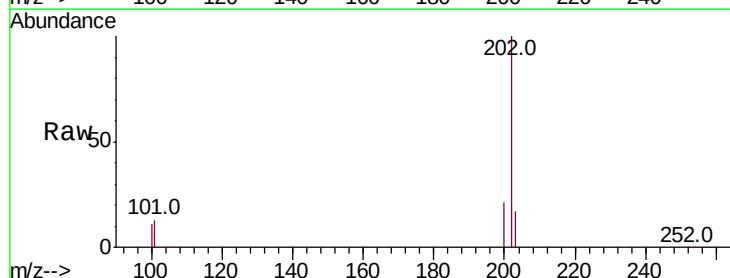
Instrument :
BNA_N
ClientSampleId :

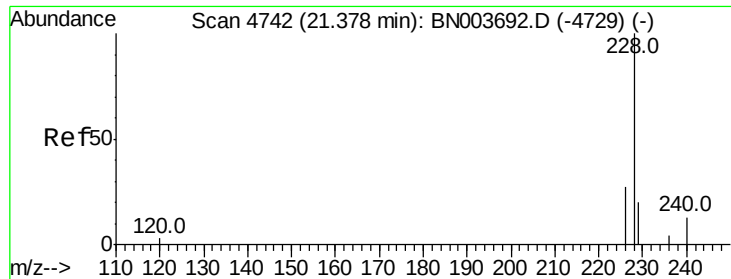
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.7
100	9.0	0.0	28.1



#17
Pyrene
Concen: 0.461 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
100	10.8	8.5	12.7

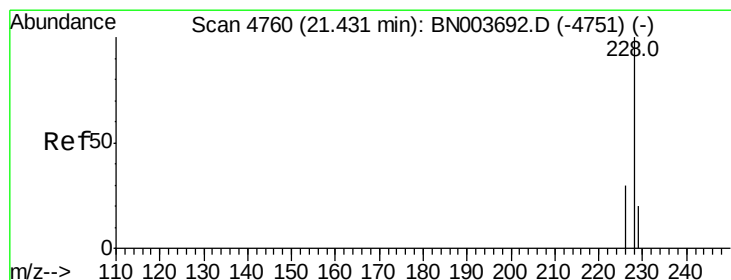
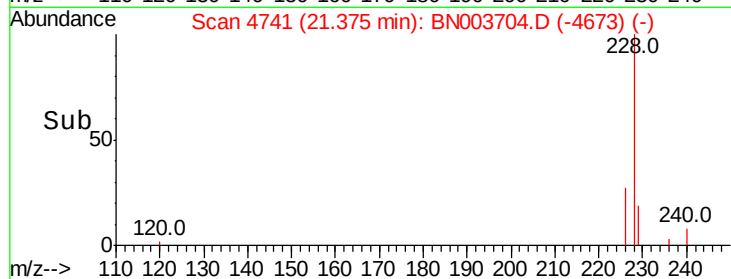
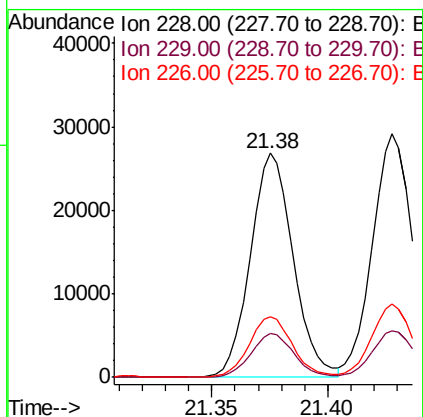
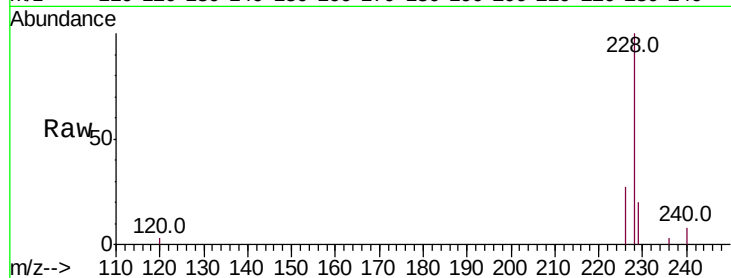




#18
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.38 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

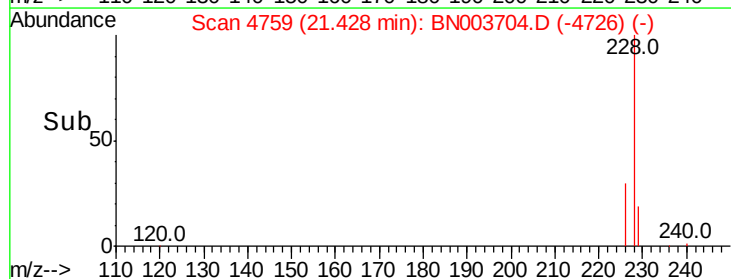
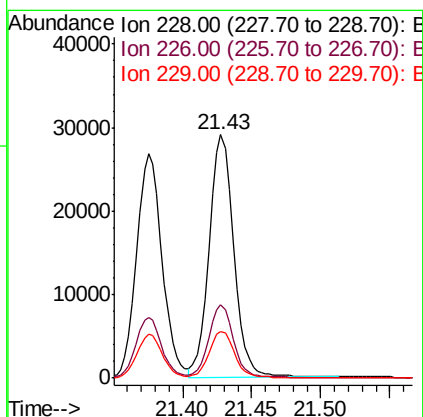
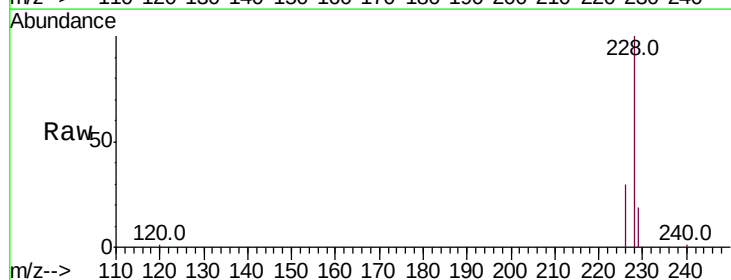
Instrument :
BNA_N
ClientSampleId :

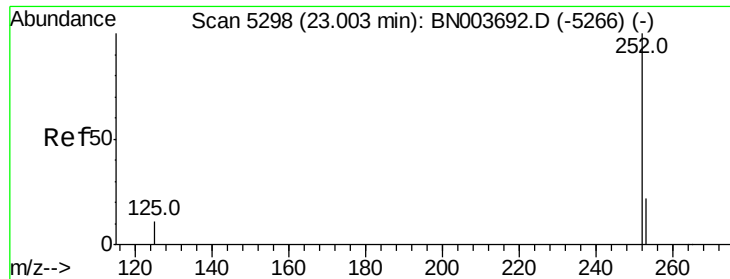
Tot Ion:228 Resp: 34247
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.2 21.1 31.7



#19
Chrysene
Concen: 0.405 ng/ul
RT: 21.43 min Scan# 4759
Delta R.T. -0.00 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

Tgt Ion:228 Resp: 35938
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.3 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. -0.01 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

Instrument :

BNA_N

ClientSampleId :

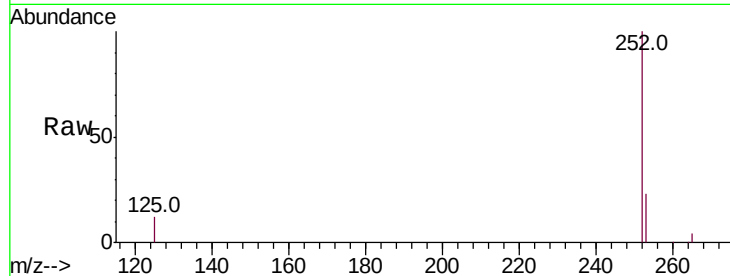
Tot Ion:252 Resp: 36524

Ion Ratio Lower Upper

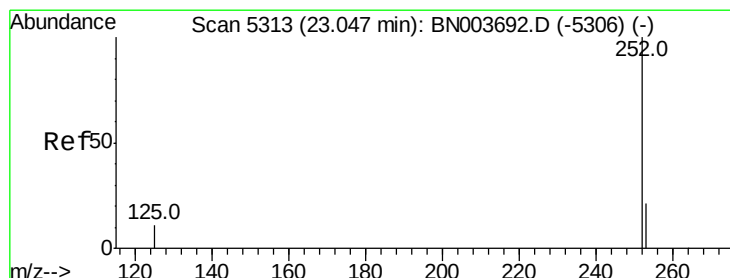
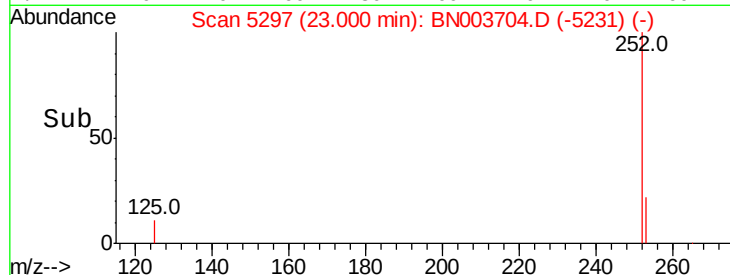
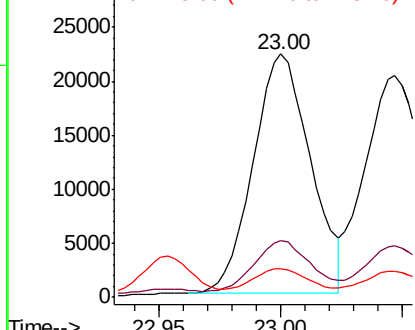
252 100

253 23.4 0.0 46.0

125 12.0 0.0 22.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.401 ng/ul

RT: 23.05 min Scan# 5313

Delta R.T. -0.01 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

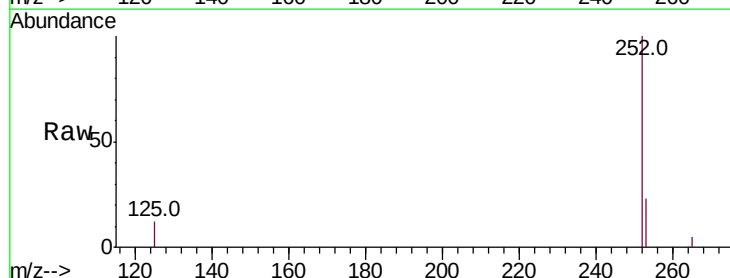
Tgt Ion:252 Resp: 35990

Ion Ratio Lower Upper

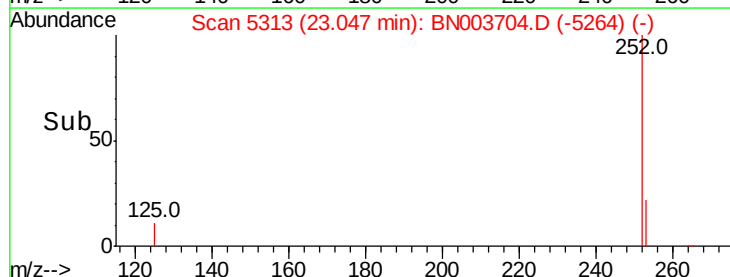
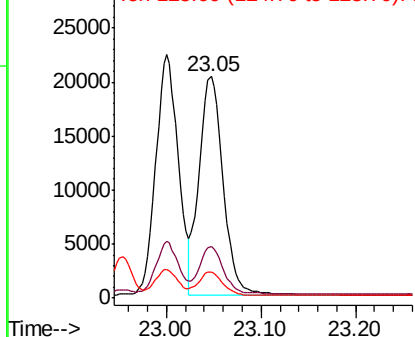
252 100

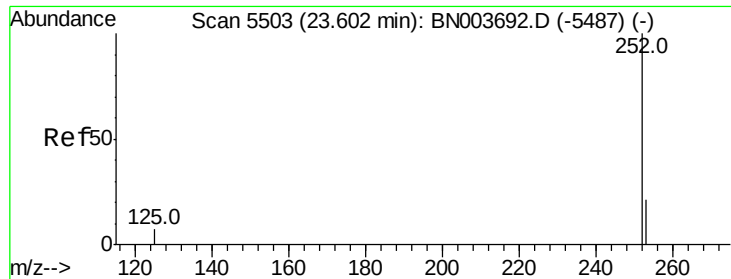
253 23.2 18.5 27.7

125 12.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.60 min Scan# 5502

Delta R.T. -0.01 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

Instrument :

BNA_N

ClientSampleId :

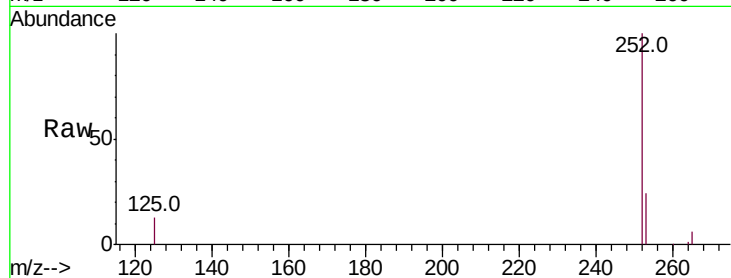
Tot Ion:252 Resp: 32374

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

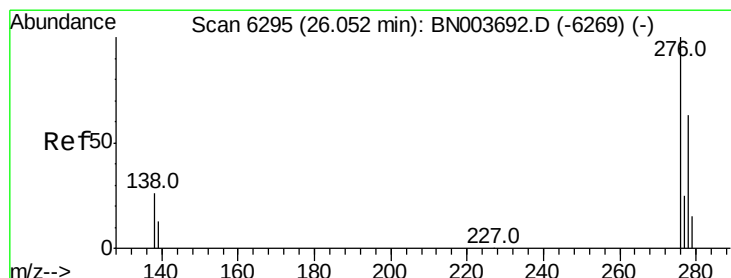
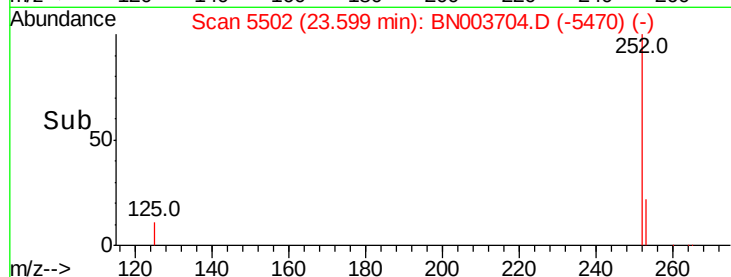
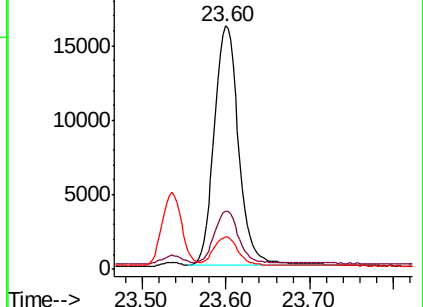
125 13.3 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng/ul

RT: 26.05 min Scan# 6294

Delta R.T. -0.01 min

Lab File: BN003704.D

Acq: 05 Dec 2018 10:41

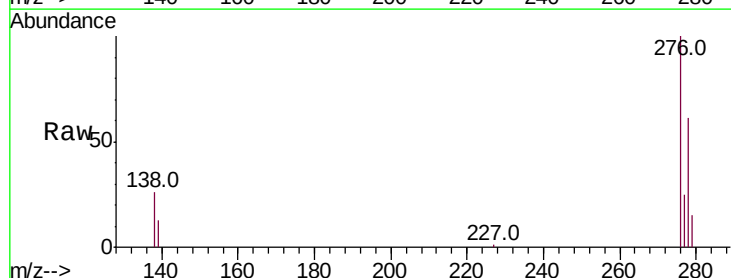
Tgt Ion:276 Resp: 35283

Ion Ratio Lower Upper

276 100

138 26.7 20.3 30.5

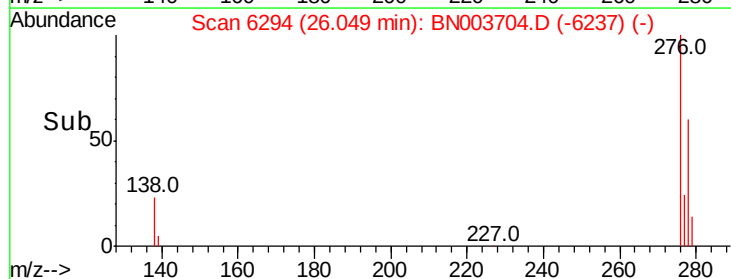
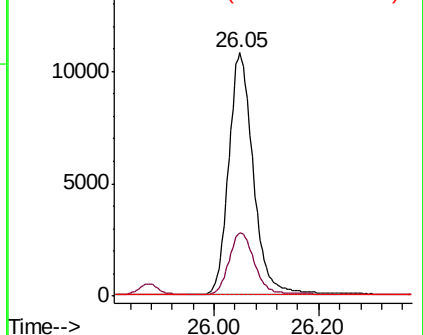
227 0.2 0.2 0.2

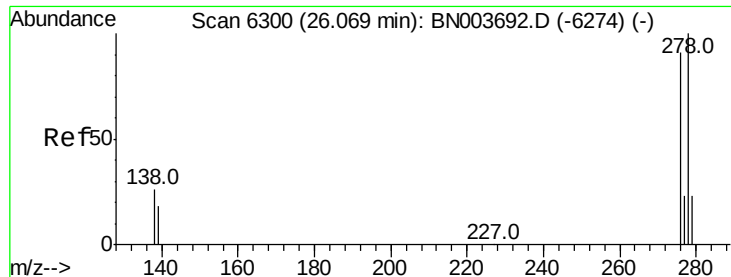


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



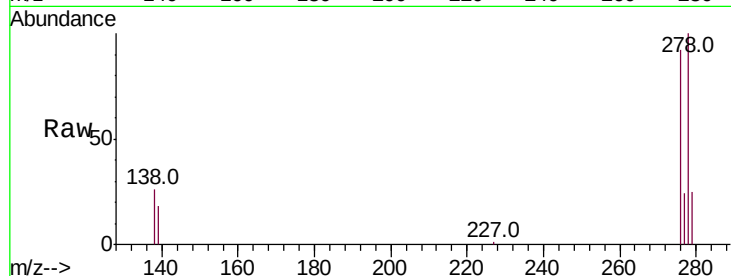


#25
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.07 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

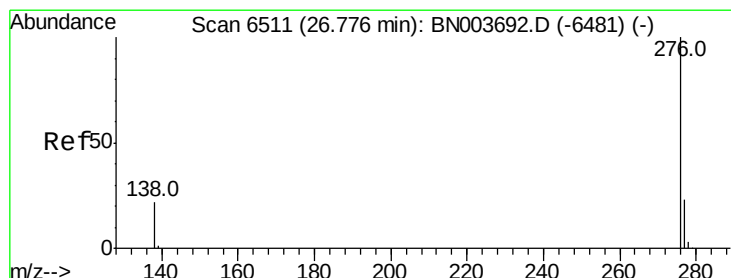
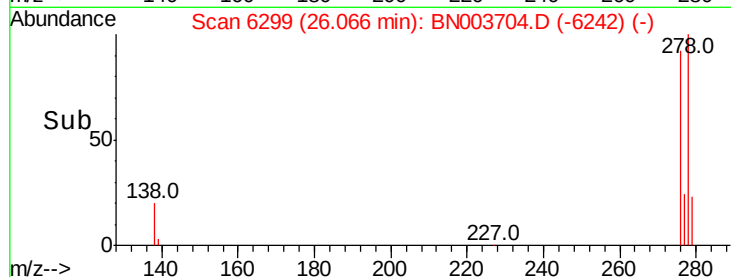
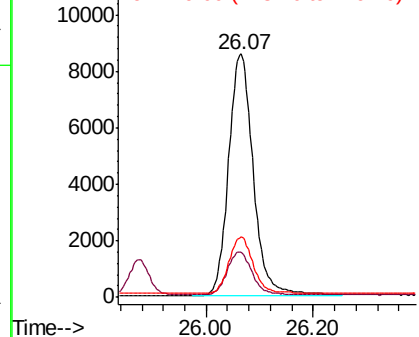
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 27634

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.4
279	24.9	19.8	29.6



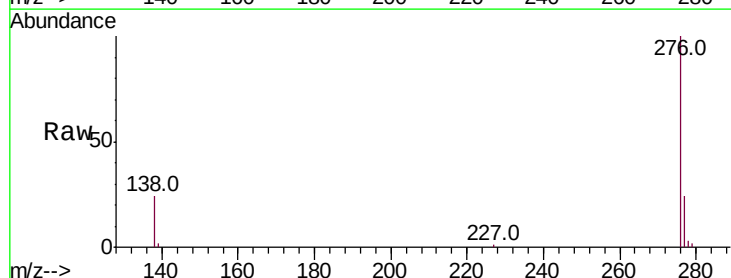
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.77 min Scan# 6510
Delta R.T. -0.01 min
Lab File: BN003704.D
Acq: 05 Dec 2018 10:41

Tgt Ion:276 Resp: 30189

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.7	26.5
277	24.3	19.3	28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

