

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004266.D
 Acq On : 28 Dec 2018 17:21
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.435

Quant Time: Dec 28 22:12:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 16:45:35 2018
 Response via : Initial Calibration

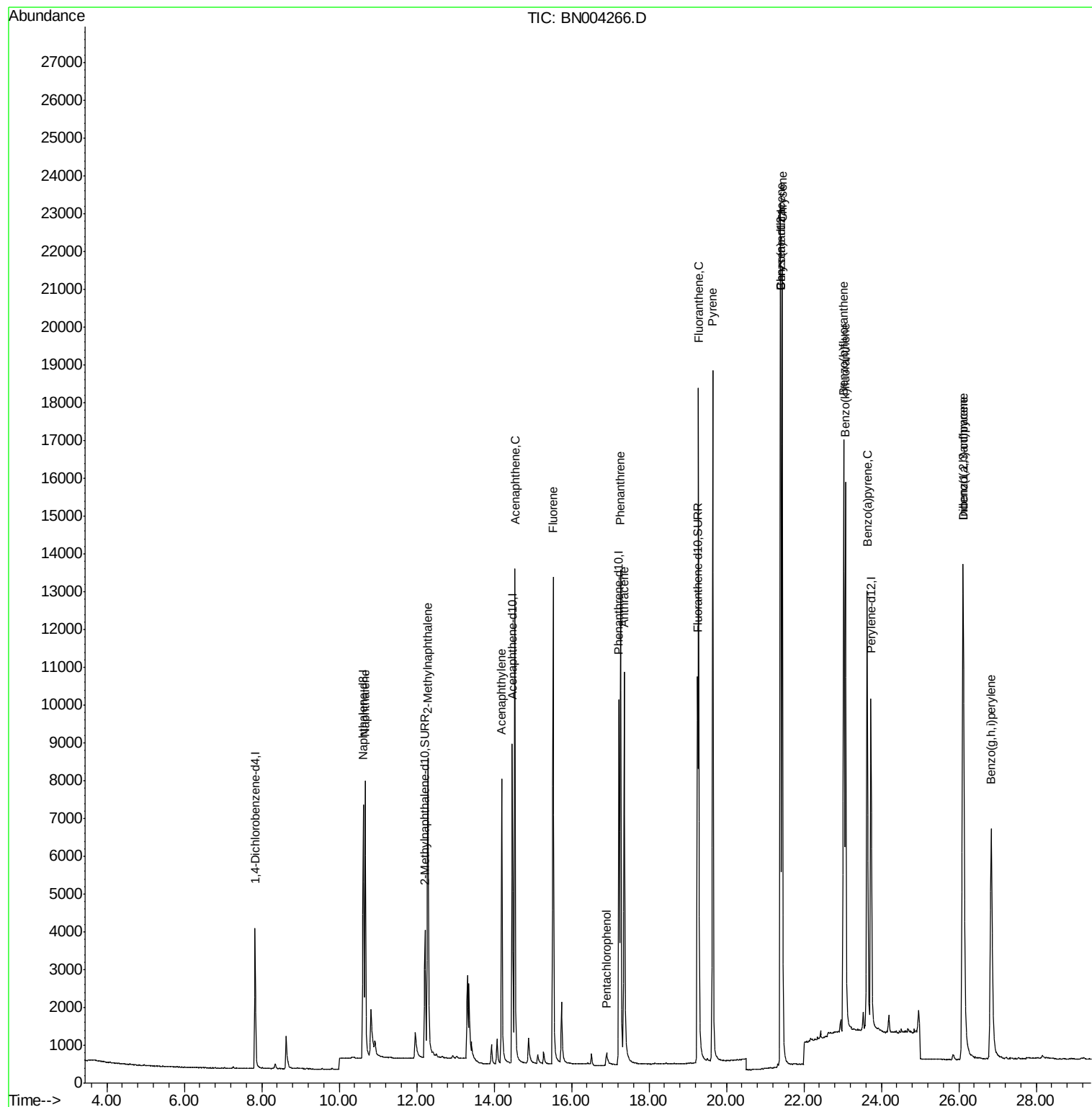
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2235	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	9922	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5561	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12985	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13762	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13639	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6044	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	13366	0.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.67	128	10912	0.390	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	7727	0.398	ng/ul	98
7) Acenaphthylene	14.19	152	10768	0.387	ng/ul	99
8) Acenaphthene	14.53	153	8705	0.391	ng/ul	99
9) Fluorene	15.52	166	9798	0.387	ng/ul	100
11) Pentachlorophenol	16.90	266	592	0.315	ng/ul	97
12) Phenanthrene	17.26	178	15983	0.379	ng/ul	100
13) Anthracene	17.36	178	14492	0.378	ng/ul	100
15) Fluoranthene	19.28	202	17766	0.349	ng/ul	99
17) Pyrene	19.64	202	18227	0.387	ng/ul	99
18) Benzo(a)anthracene	21.39	228	18328	0.392	ng/ul	100
19) Chrysene	21.44	228	19628	0.391	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	20457	0.395	ng/ul	100
22) Benzo(k)fluoranthene	23.07	252	21959	0.400	ng/ul	99
23) Benzo(a)pyrene	23.63	252	19246	0.391	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.11	276	18528	0.363	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.12	278	15100	0.361	ng/ul	100
26) Benzo(g,h,i)perylene	26.84	276	15571	0.363	ng/ul	99

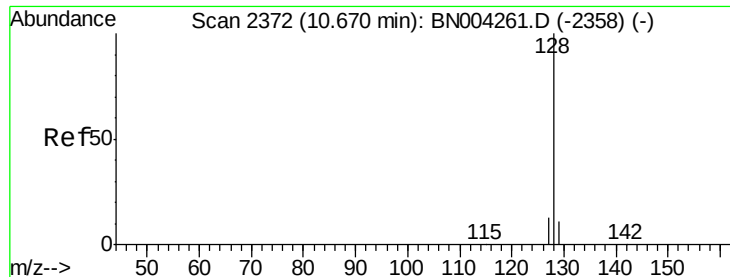
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.390 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

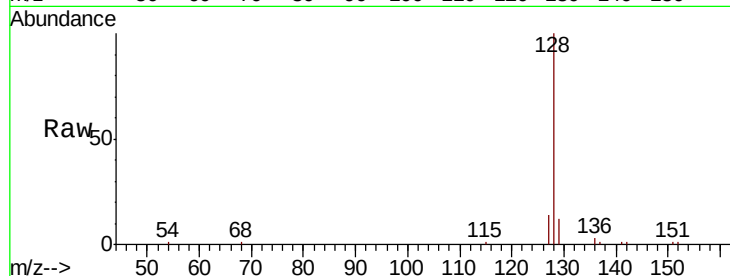
Tgt Ion:128 Resp: 10912

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

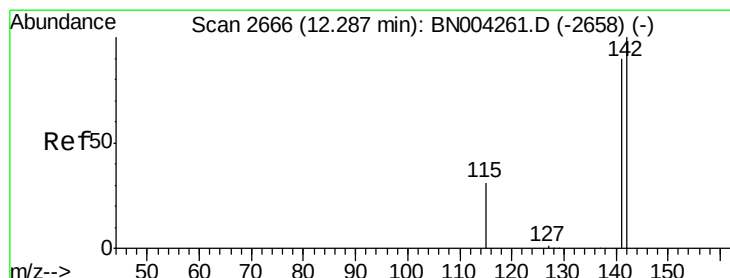
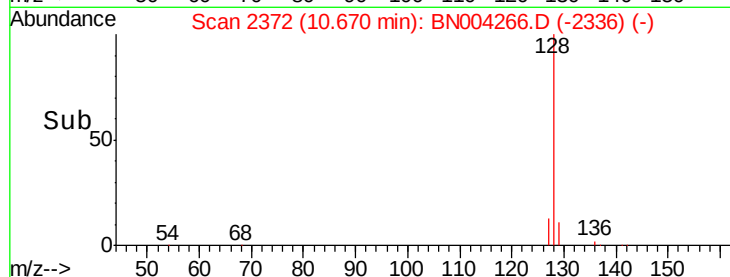
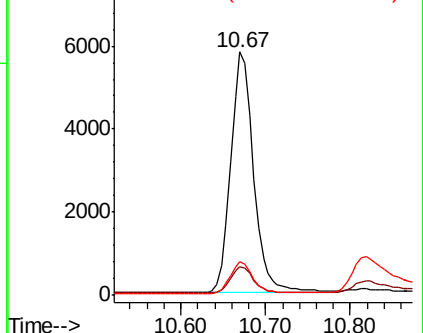
127 13.6 11.0 16.4



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: 0.398 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BN004266.D

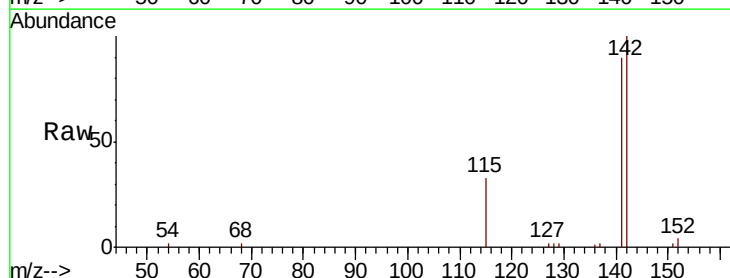
Acq: 28 Dec 2018 17:21

Tgt Ion:142 Resp: 7727

Ion Ratio Lower Upper

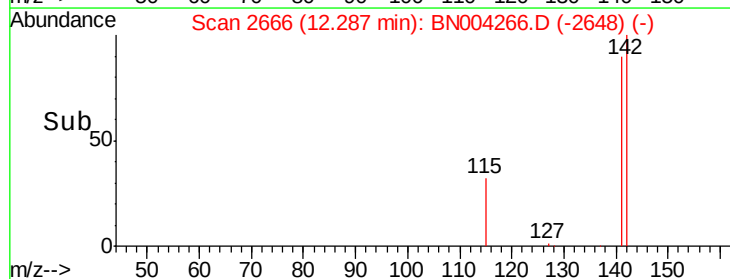
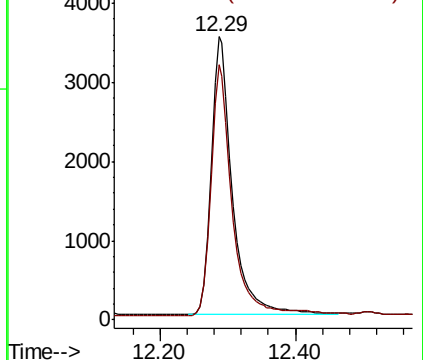
142 100

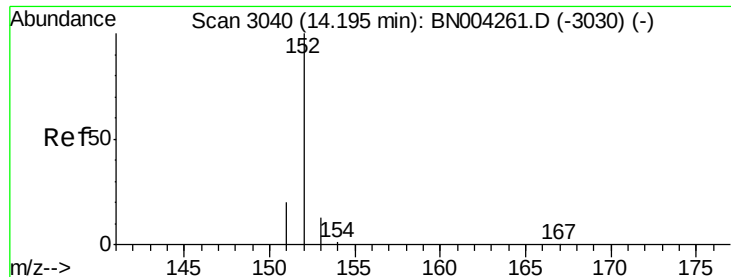
141 91.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.387 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

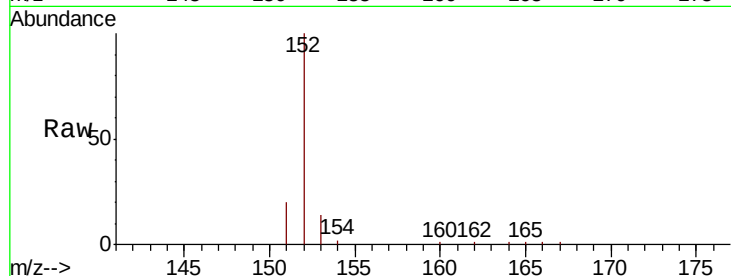
Tgt Ion:152 Resp: 10768

Ion Ratio Lower Upper

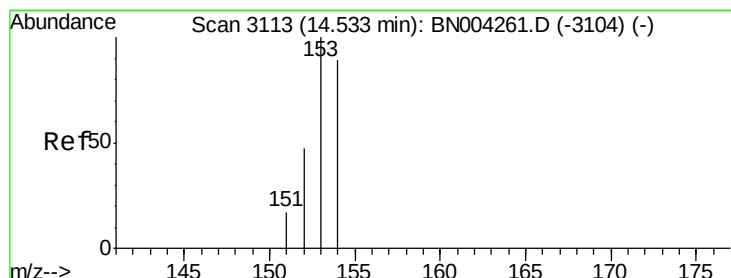
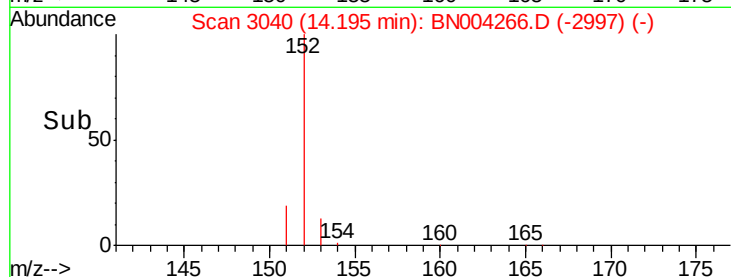
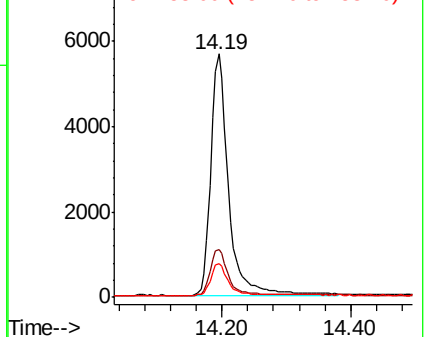
152 100

151 19.9 16.3 24.5

153 13.8 11.1 16.7



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: 0.391 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

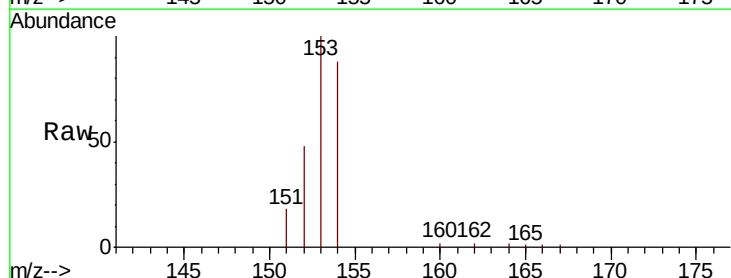
Tgt Ion:153 Resp: 8705

Ion Ratio Lower Upper

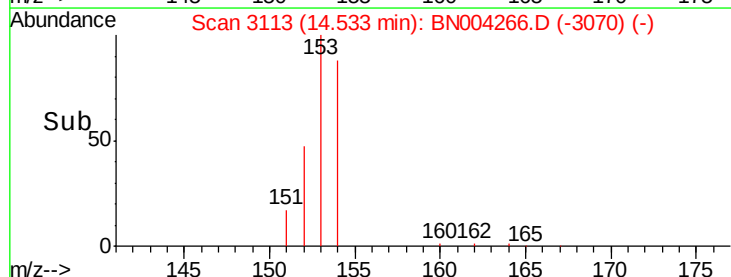
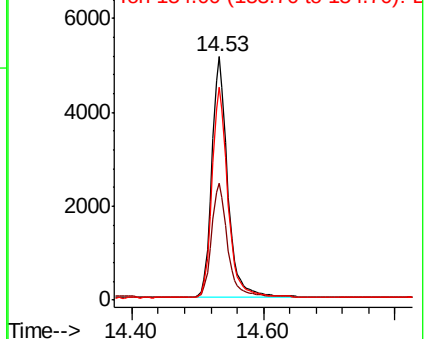
153 100

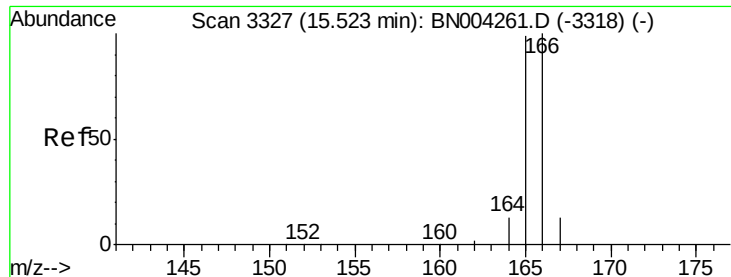
152 48.0 38.2 57.2

154 87.6 70.9 106.3



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: 0.387 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

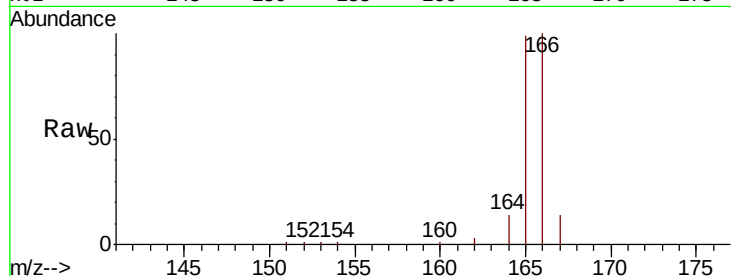
Tgt Ion:166 Resp: 9798

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

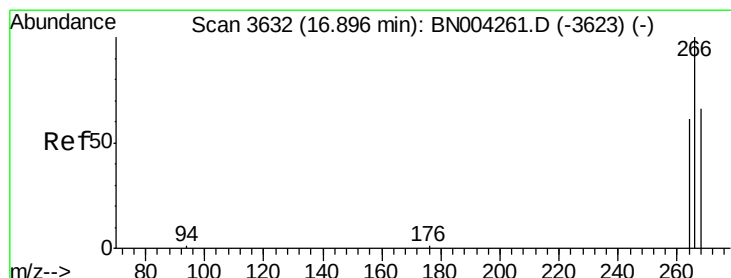
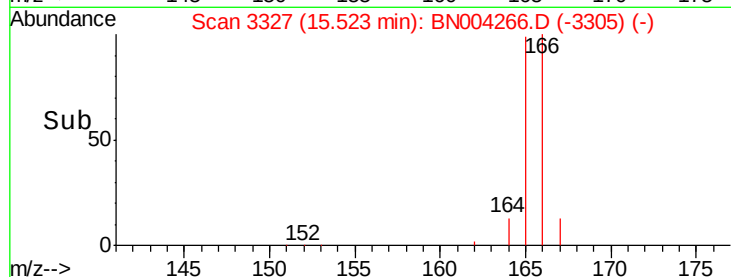
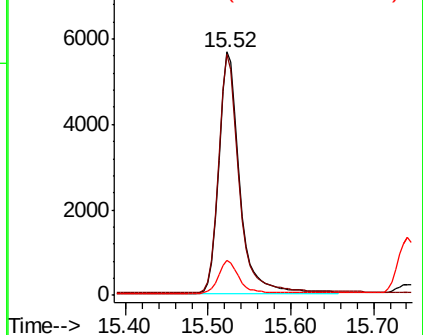
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.315 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

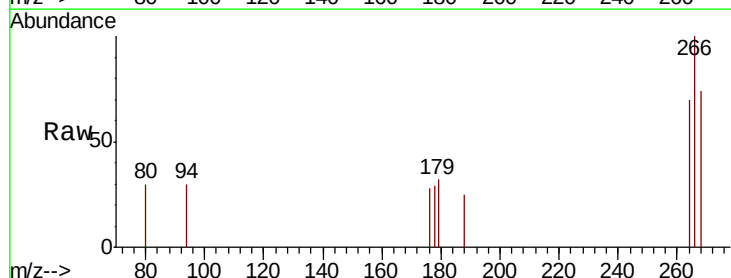
Tgt Ion:266 Resp: 592

Ion Ratio Lower Upper

266 100

264 64.2 51.1 76.7

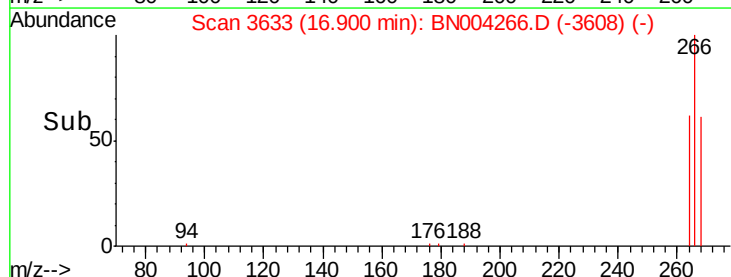
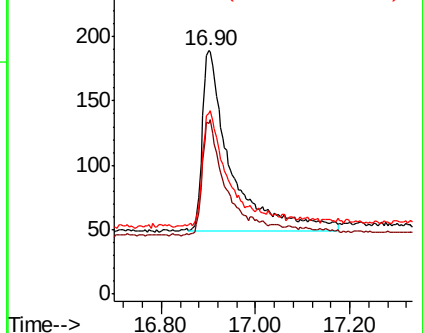
268 61.0 52.6 78.8

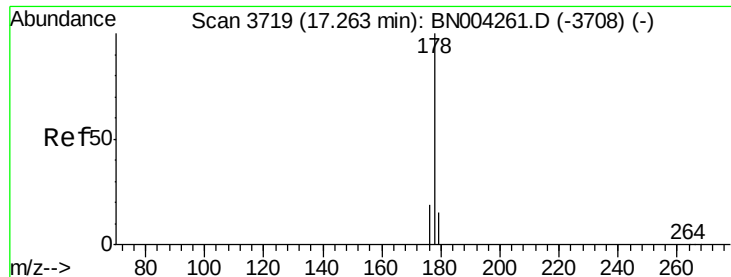


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.379 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

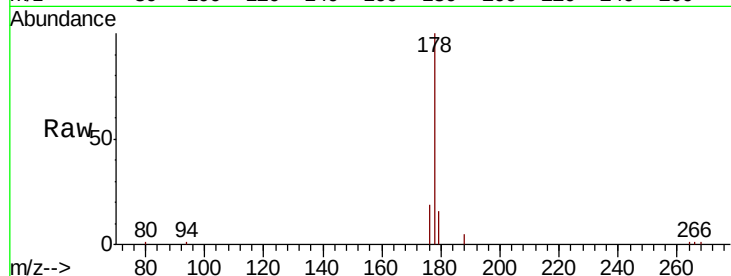
Tgt Ion:178 Resp: 15983

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

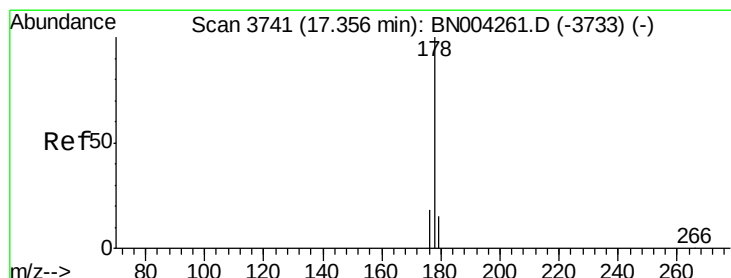
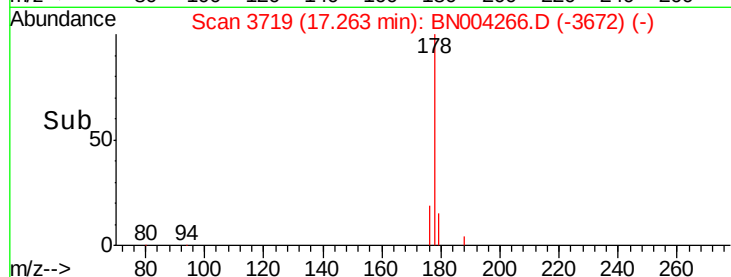
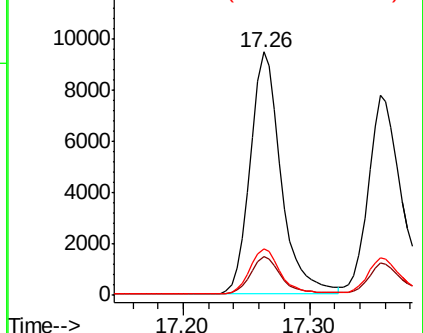
176 19.3 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.378 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

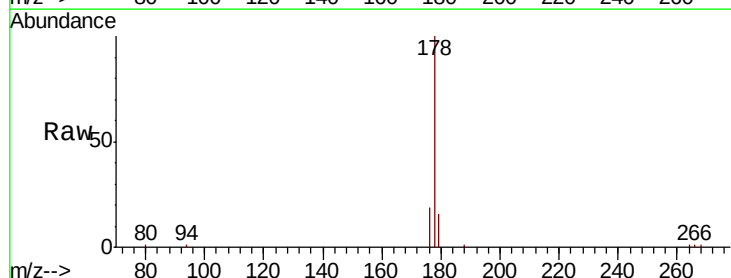
Tgt Ion:178 Resp: 14492

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

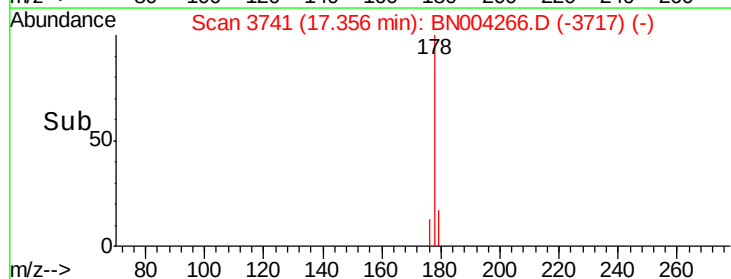
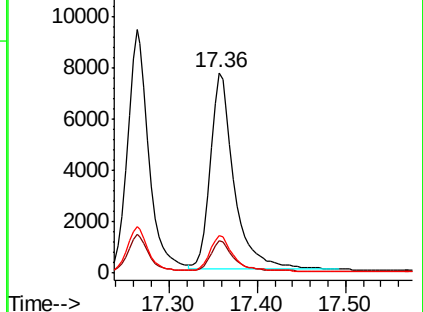
176 18.7 15.0 22.6

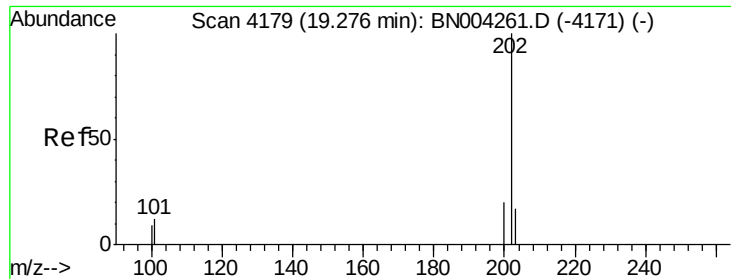


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

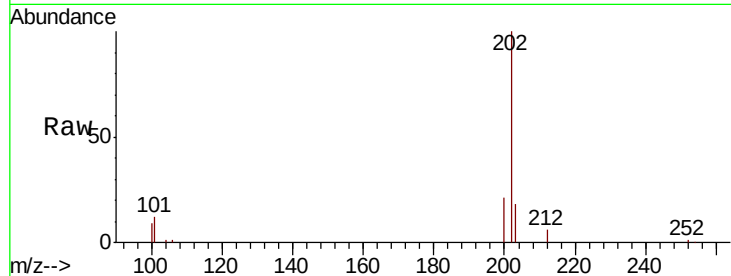




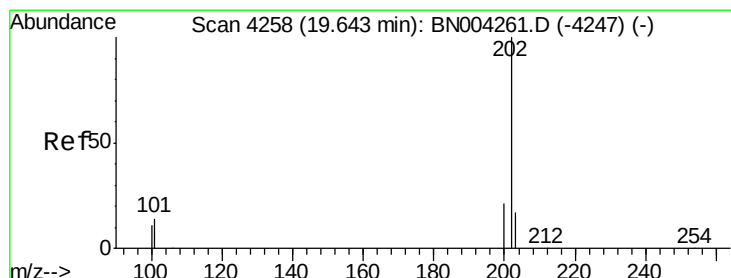
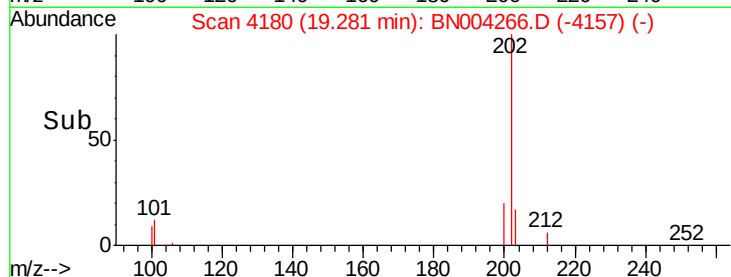
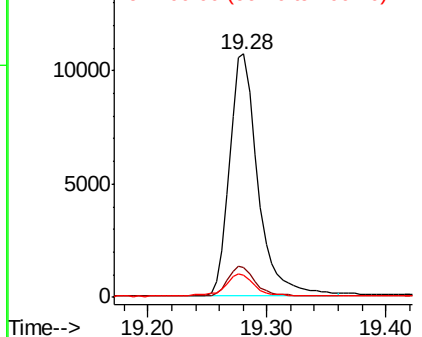
#15
Fluoranthene
 Concen: 0.349 ng/ul
 RT: 19.28 min Scan# 4180
 Delta R.T. 0.00 min
 Lab File: BN004266.D
 Acq: 28 Dec 2018 17:21

Instrument :
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 SST0.435

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.6
100	9.1	0.0	29.7

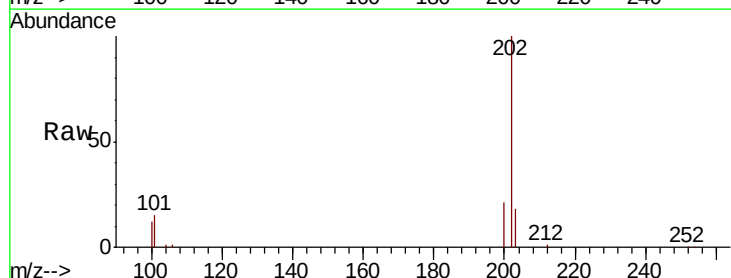


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

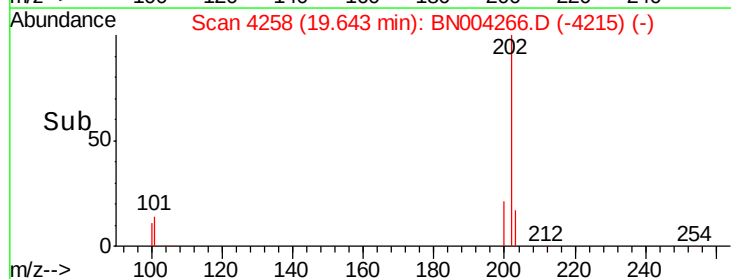
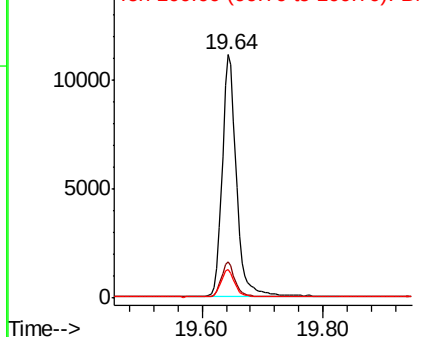


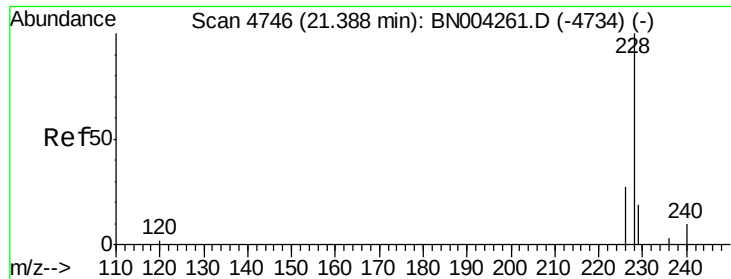
#17
Pyrene
 Concen: 0.387 ng/ul
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.00 min
 Lab File: BN004266.D
 Acq: 28 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.2	16.8
100	11.8	9.1	13.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.392 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

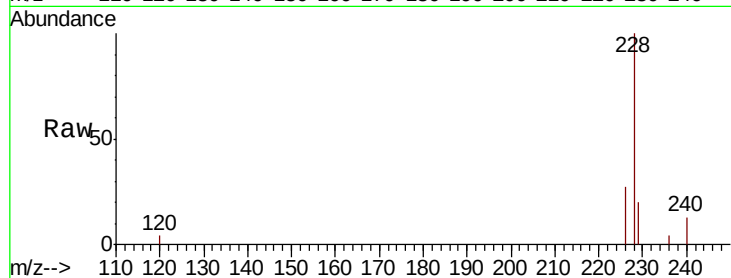
Tgt Ion:228 Resp: 18328

Ion Ratio Lower Upper

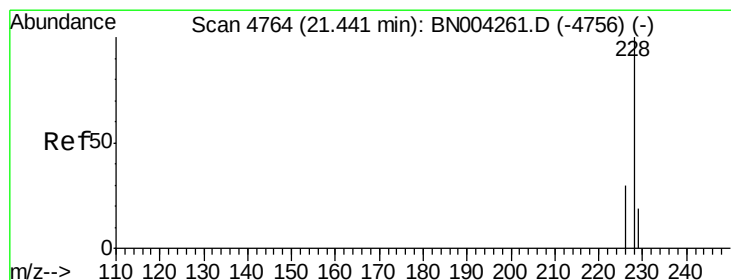
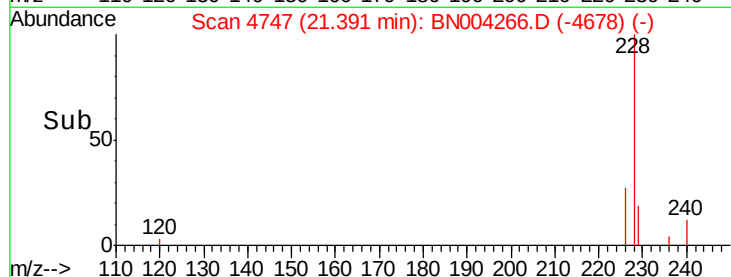
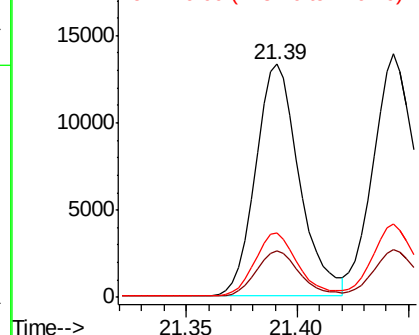
228 100

229 19.9 15.9 23.9

226 27.4 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.391 ng/ul

RT: 21.44 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

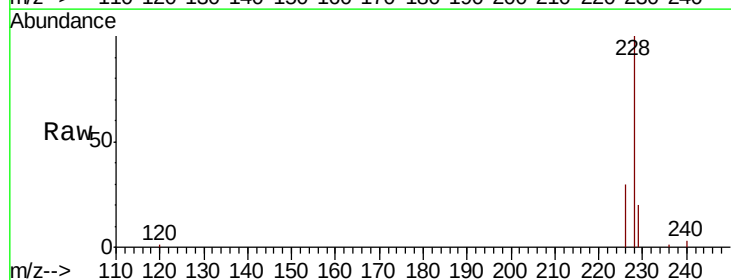
Tgt Ion:228 Resp: 19628

Ion Ratio Lower Upper

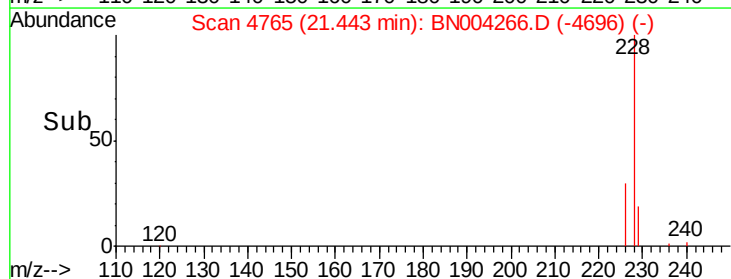
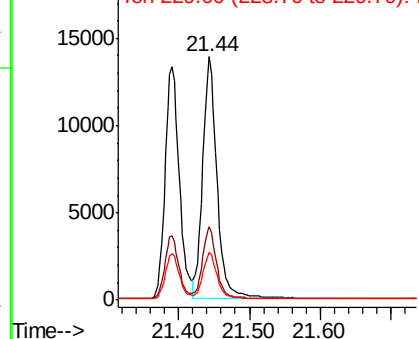
228 100

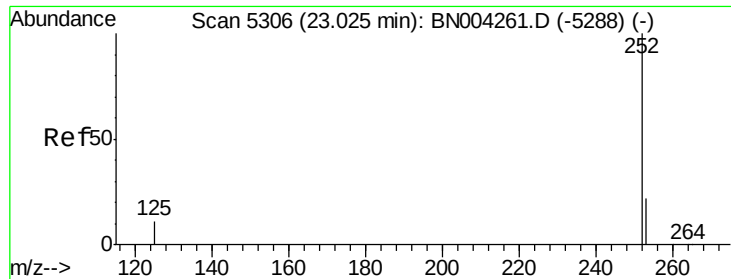
226 30.0 24.3 36.5

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.395 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

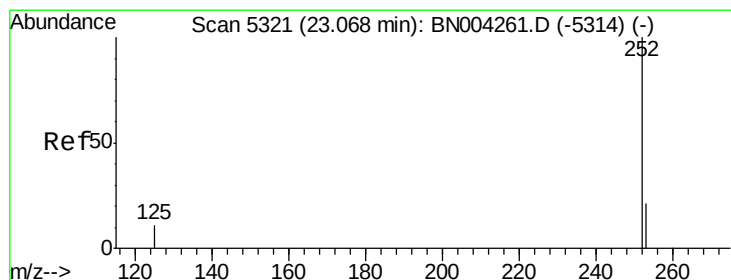
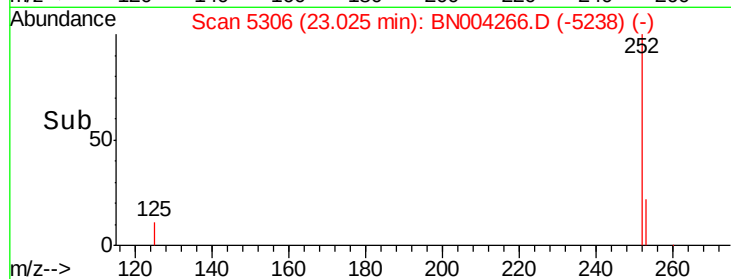
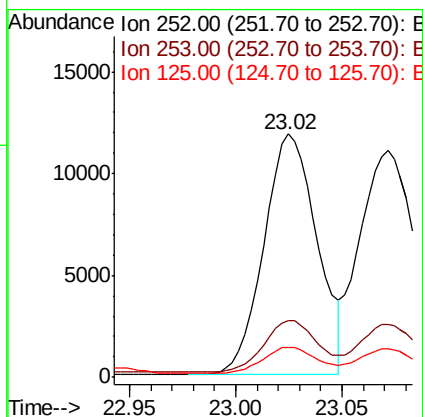
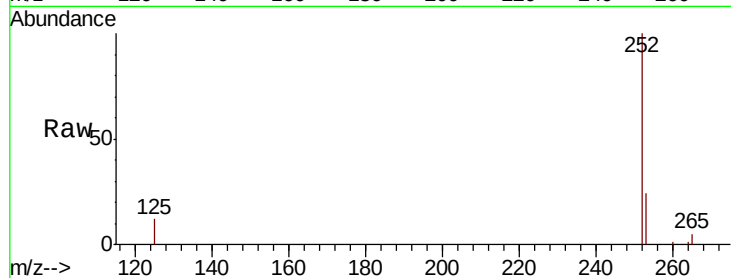
Instrument :

BNA_N

ClientSampleId :

SSTD0.435

Tgt Ion:	252	Resp:	20457
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	47.6
125	12.4	0.0	25.0



#22

Benzo(k)fluoranthene

Concen: 0.400 ng/ul

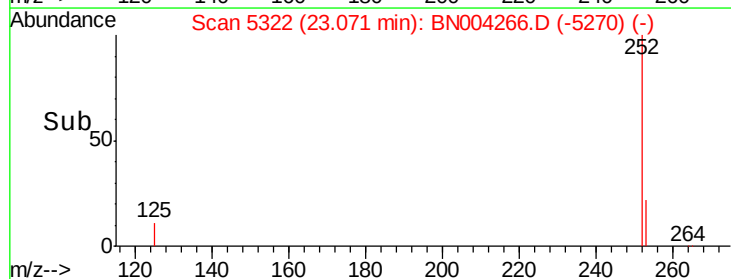
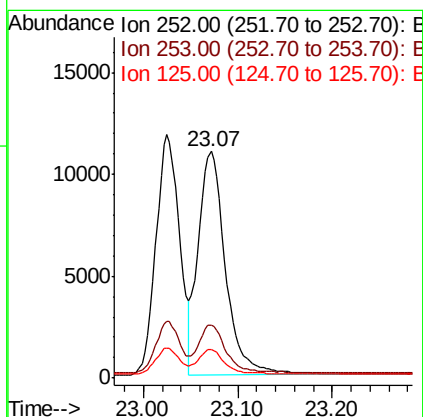
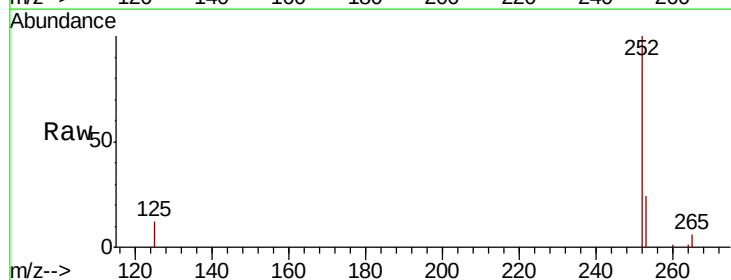
RT: 23.07 min Scan# 5322

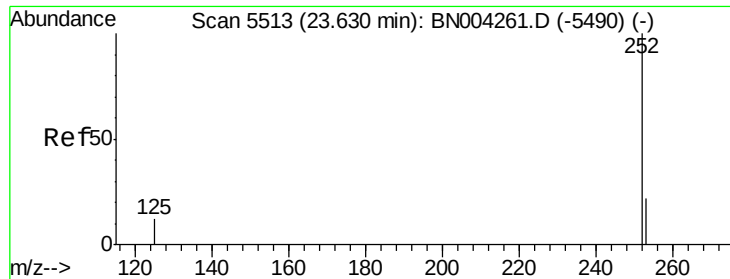
Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Tgt Ion:	252	Resp:	21959
Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	12.4	10.2	15.2





#23

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.63 min Scan# 5514

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

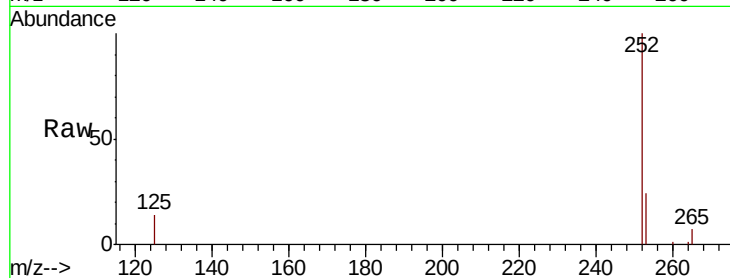
Tgt Ion:252 Resp: 19246

Ion Ratio Lower Upper

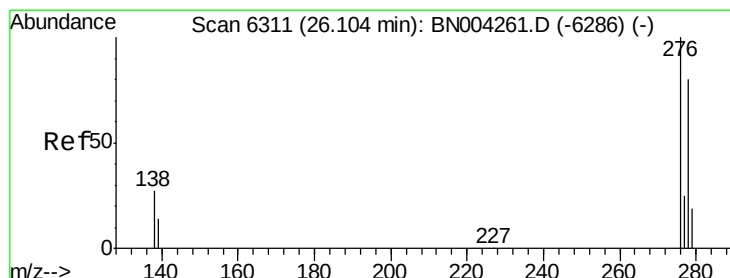
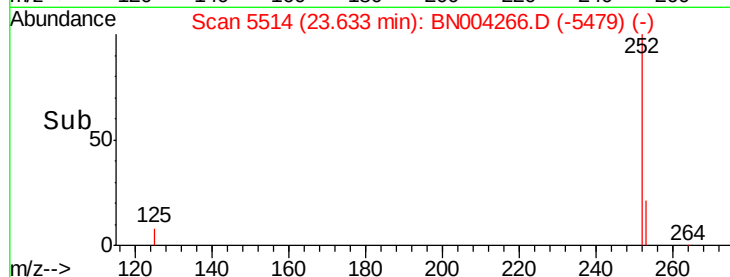
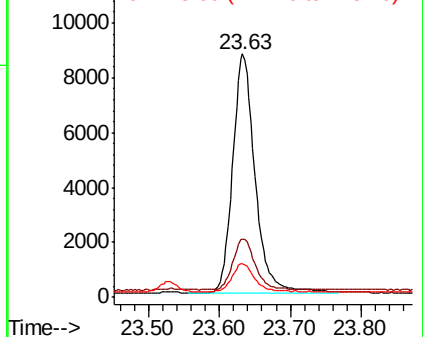
252 100

253 24.0 20.0 30.0

125 13.9 11.4 17.0



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: 0.363 ng/ul

RT: 26.11 min Scan# 6312

Delta R.T. 0.00 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

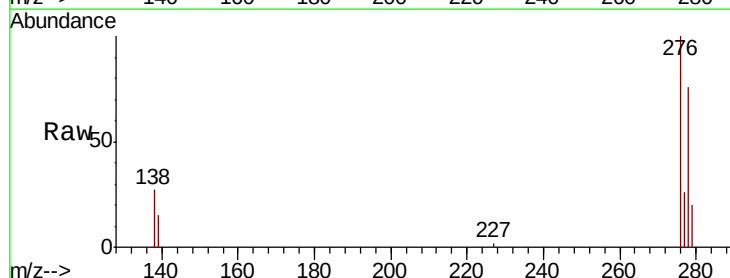
Tgt Ion:276 Resp: 18528

Ion Ratio Lower Upper

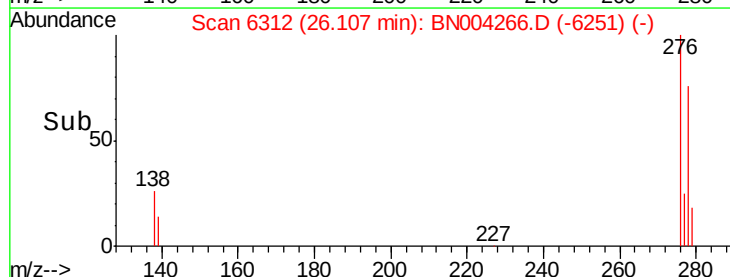
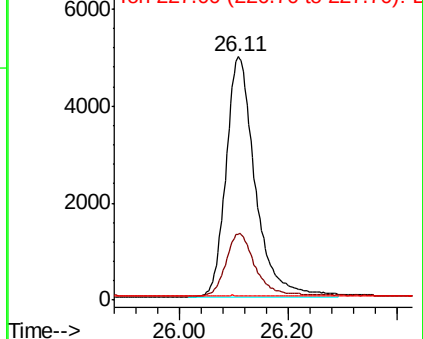
276 100

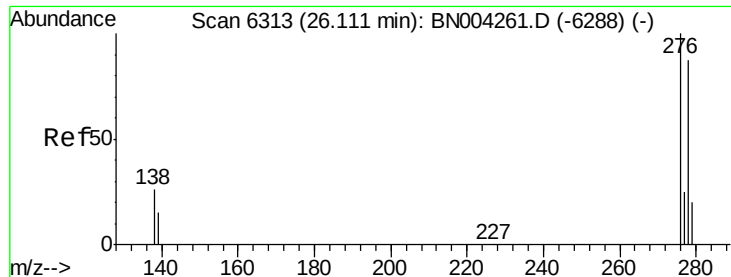
138 26.2 0.0 0.0#

227 0.2 0.1 0.1#



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: 0.361 ng/ul

RT: 26.12 min Scan# 6315

Delta R.T. 0.01 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.435

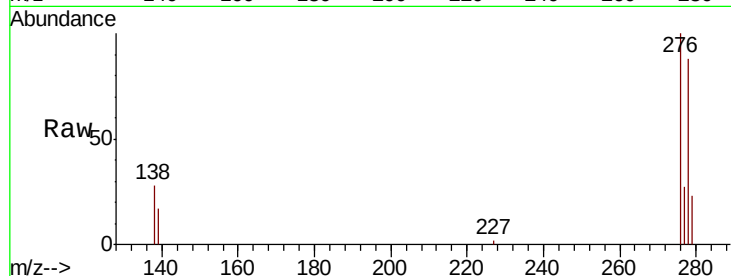
Tgt Ion:278 Resp: 15100

Ion Ratio Lower Upper

278 100

139 19.5 15.4 23.2

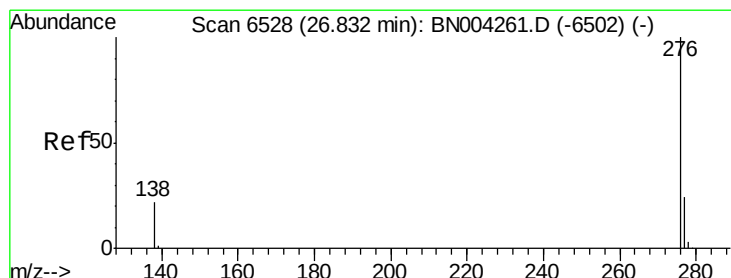
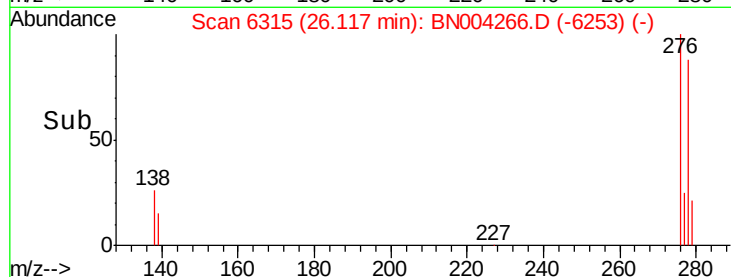
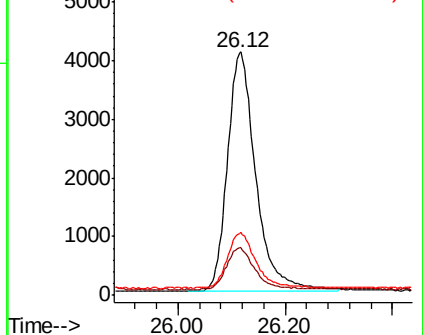
279 26.1 21.0 31.6



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: 0.363 ng/ul

RT: 26.84 min Scan# 6530

Delta R.T. 0.01 min

Lab File: BN004266.D

Acq: 28 Dec 2018 17:21

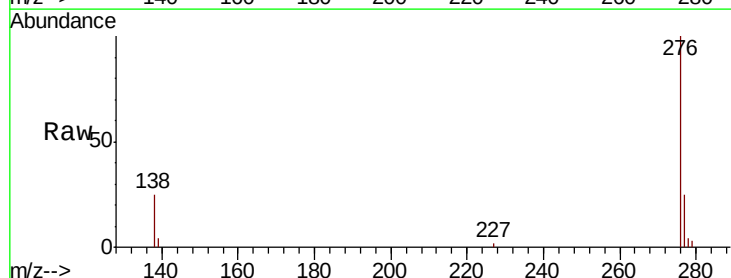
Tgt Ion:276 Resp: 15571

Ion Ratio Lower Upper

276 100

138 24.7 19.4 29.0

277 24.9 20.4 30.6



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

