

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
 Data File : BN003730.D
 Acq On : 06 Dec 2018 14:32
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.489

Quant Time: Dec 06 15:14:12 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 : Thu Dec 06 02:51:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	7212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	29029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	15158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	33873	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	32378	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	29382	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	17680	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	41142	0.42	ng/ul	0.00

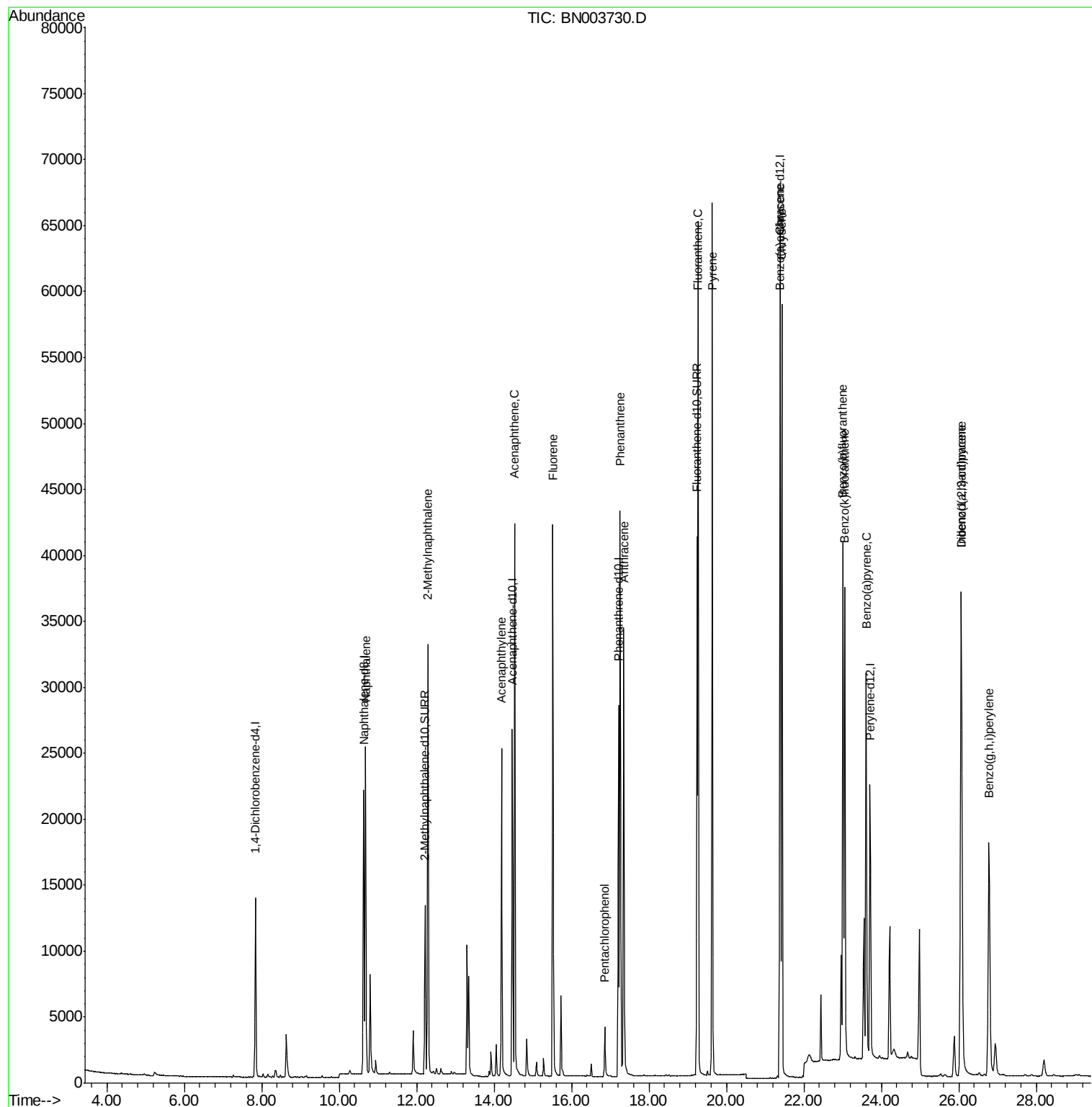
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	33887	0.416	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	23439	0.412	ng/ul	100
7) Acenaphthylene	14.19	152	29365	0.430	ng/ul	100
8) Acenaphthene	14.53	153	24825	0.415	ng/ul	100
9) Fluorene	15.52	166	27873	0.400	ng/ul	99
11) Pentachlorophenol	16.86	266	3013	0.494	ng/ul	99
12) Phenanthrene	17.25	178	46244	0.416	ng/ul	99
13) Anthracene	17.35	178	39447	0.432	ng/ul	100
15) Fluoranthene	19.27	202	55978	0.426	ng/ul	99
17) Pyrene	19.63	202	53888	0.464	ng/ul	98
18) Benzo(a)anthracene	21.38	228	46808	0.458	ng/ul	99
19) Chrysene	21.43	228	47627	0.407	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	48223	0.397	ng/ul	99
22) Benzo(k)fluoranthene	23.06	252	47398	0.400	ng/ul	99
23) Benzo(a)pyrene	23.61	252	43572	0.414	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	46942	0.389	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	36823	0.379	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	39768	0.379	ng/ul	99

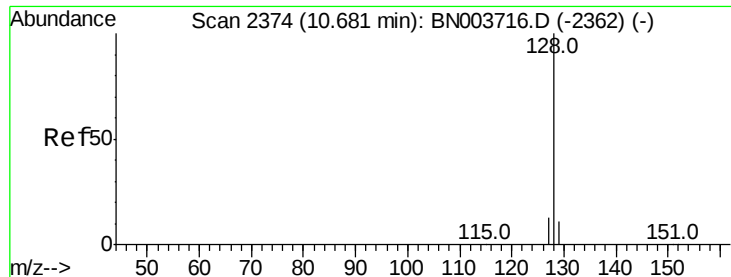
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003730.D
Acq On : 06 Dec 2018 14:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.489

Quant Time: Dec 06 15:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 02:51:43 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.416 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

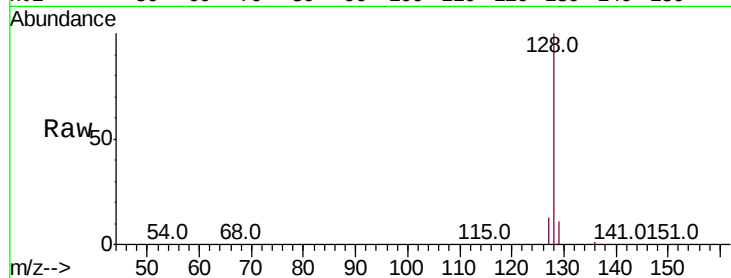
BNA_N

ClientSampleId :

SSTD0.489

Tot Ion:128 Resp: 33887

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.5	15.7

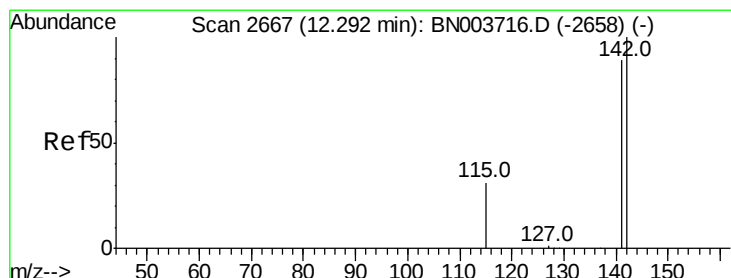
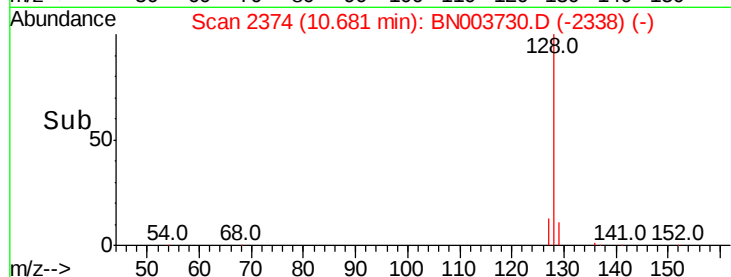
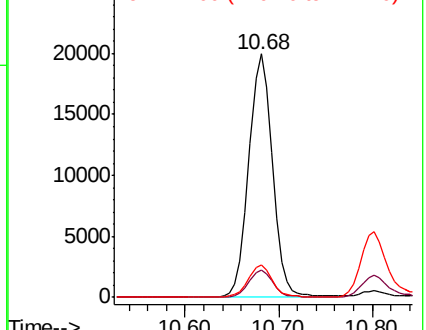


Abundance

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: 0.412 ng/ul

RT: 12.29 min Scan# 2667

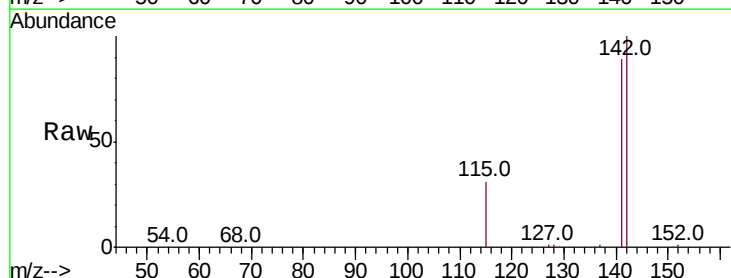
Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Tgt Ion:142 Resp: 23439

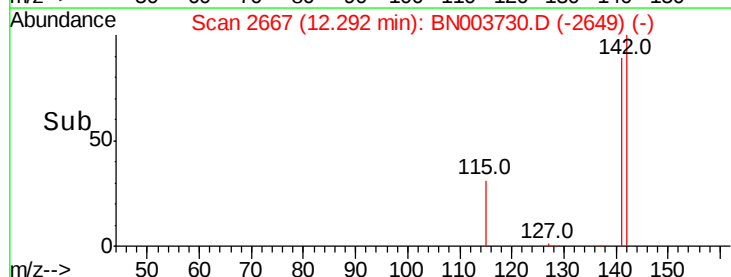
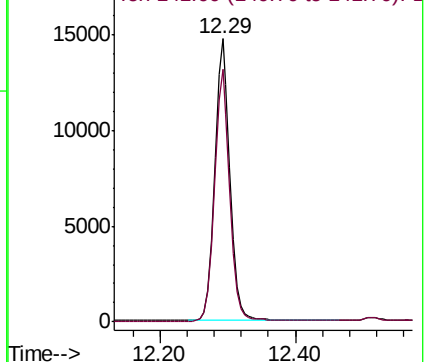
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3

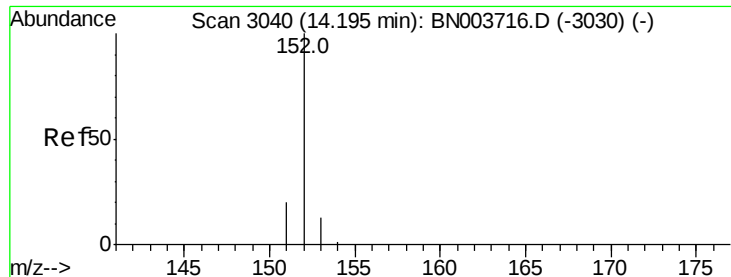


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.430 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

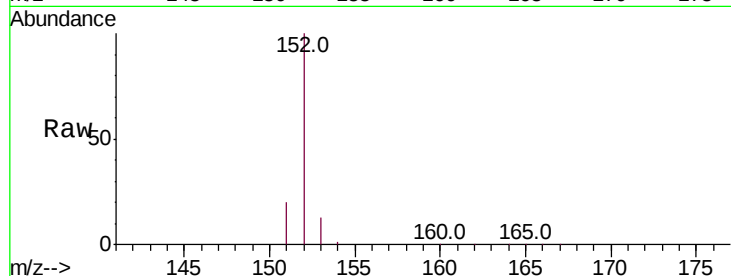
Tot Ion:152 Resp: 29365

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

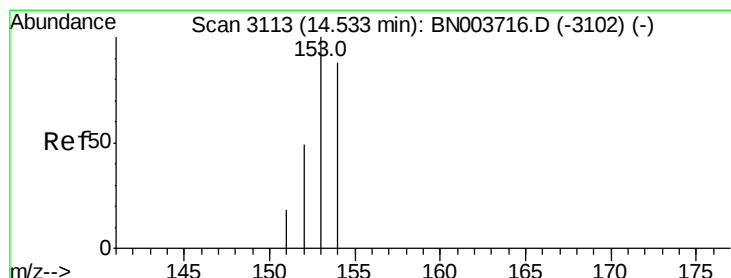
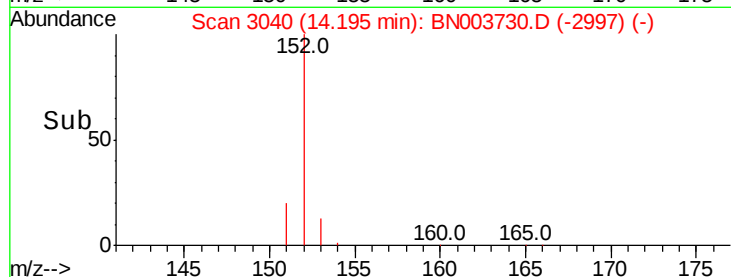
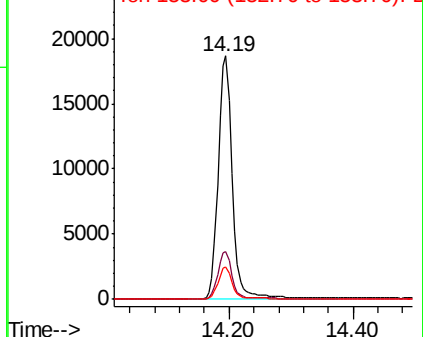
153 13.1 10.7 16.1



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: 0.415 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

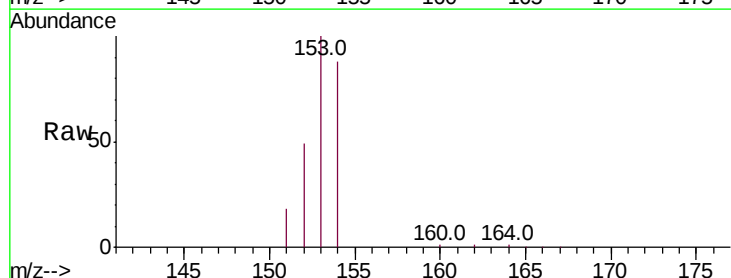
Tgt Ion:153 Resp: 24825

Ion Ratio Lower Upper

153 100

152 48.7 39.3 58.9

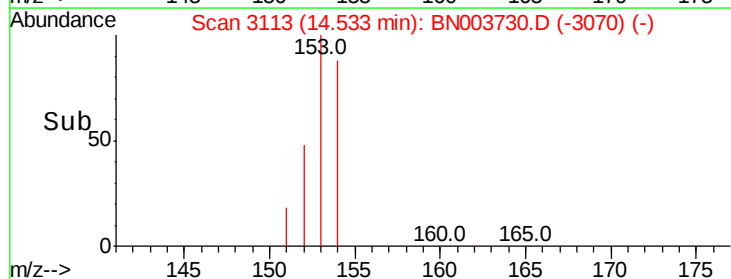
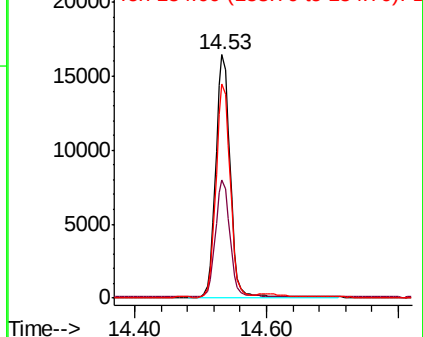
154 87.7 70.3 105.5

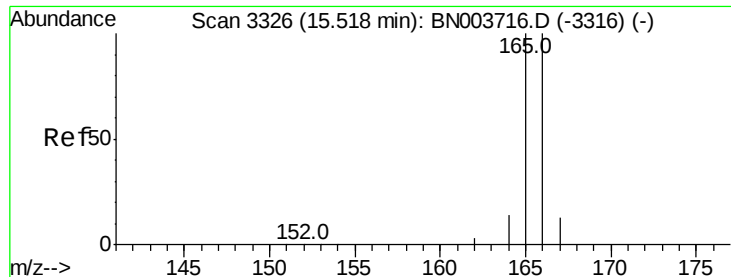


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.400 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

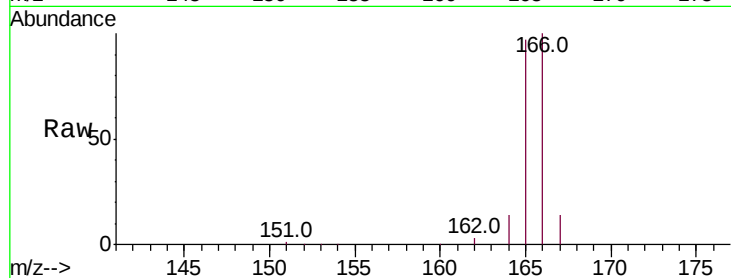
Tot Ion:166 Resp: 27873

Ion Ratio Lower Upper

166 100

165 97.4 78.3 117.5

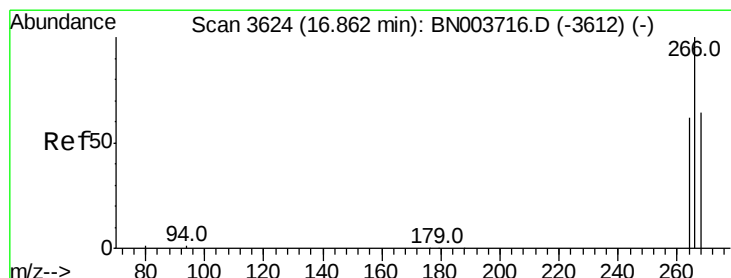
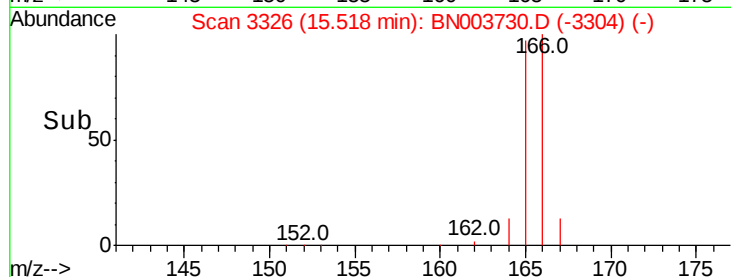
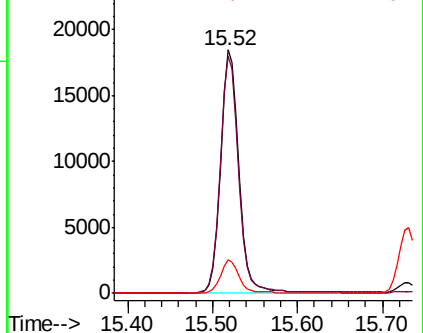
167 13.6 11.3 16.9



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: 0.494 ng/ul

RT: 16.86 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

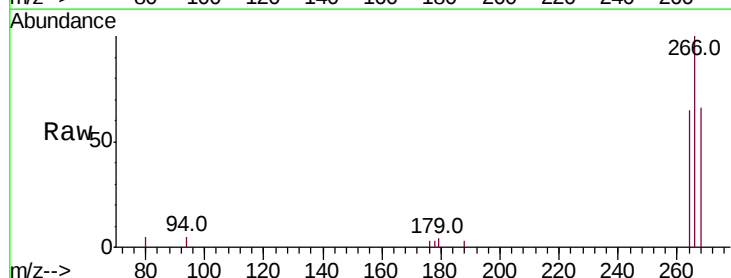
Tgt Ion:266 Resp: 3013

Ion Ratio Lower Upper

266 100

264 62.4 49.4 74.2

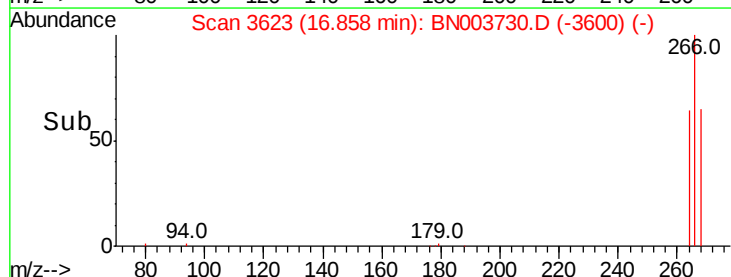
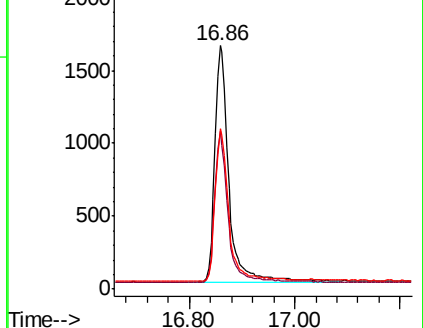
268 63.2 51.7 77.5

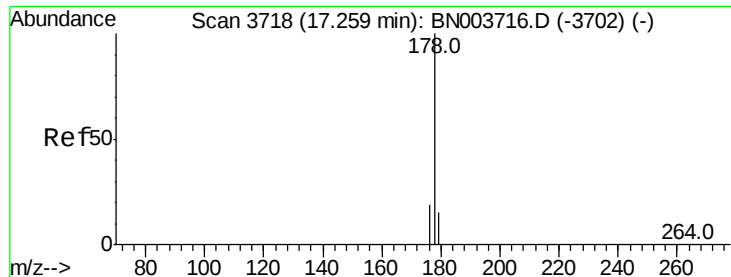


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

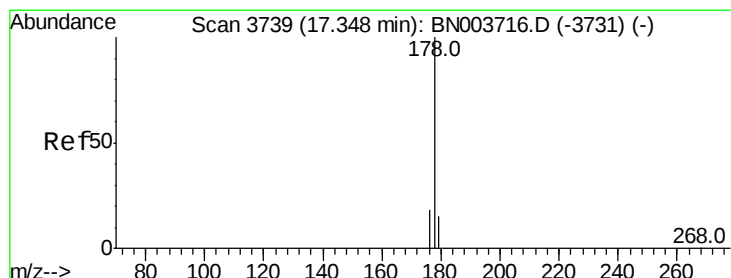
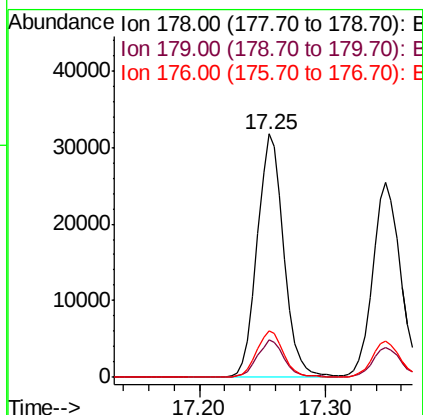
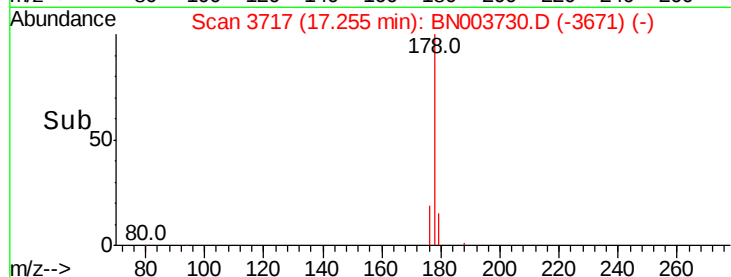
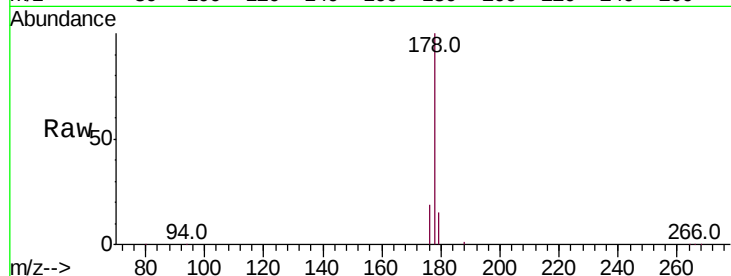
Tot Ion:178 Resp: 46244

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.0 15.0 22.4



#13

Anthracene

Concen: 0.432 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

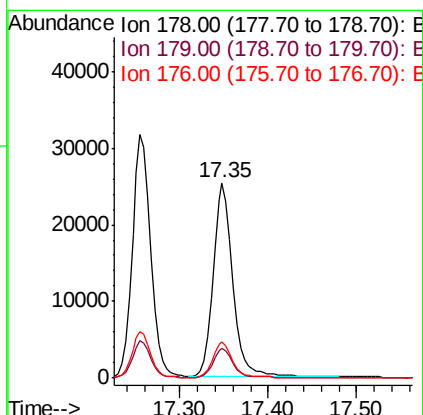
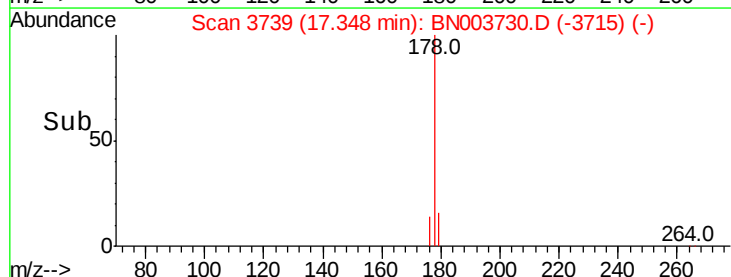
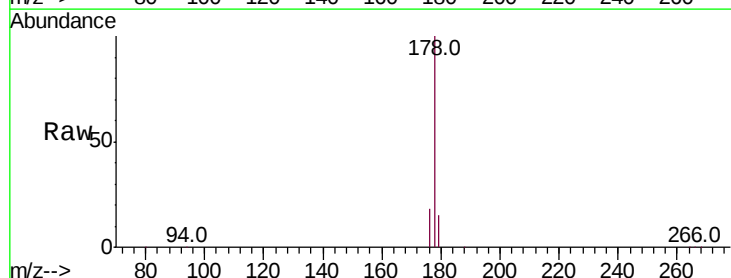
Tgt Ion:178 Resp: 39447

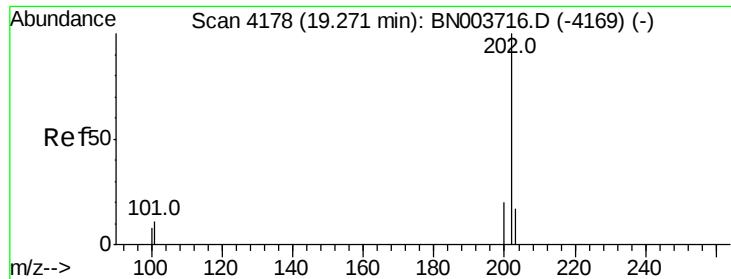
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.5 14.8 22.2





#15

Fluoranthene

Concen: 0.426 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

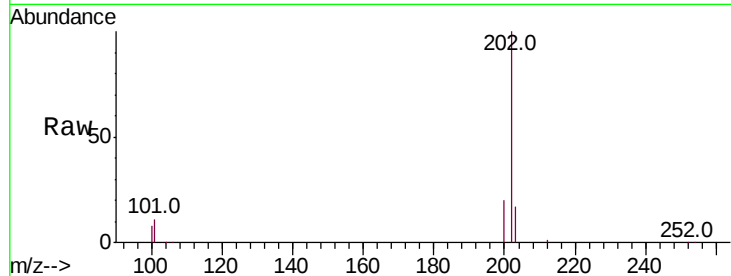
Tot Ion:202 Resp: 55978

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

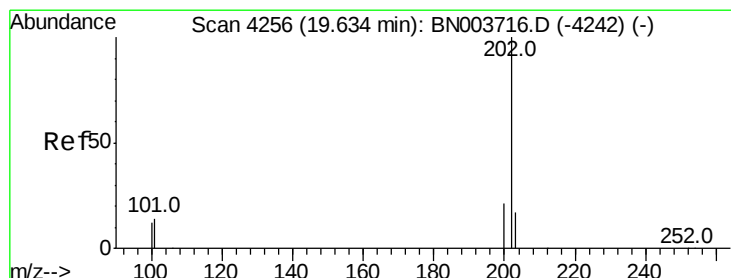
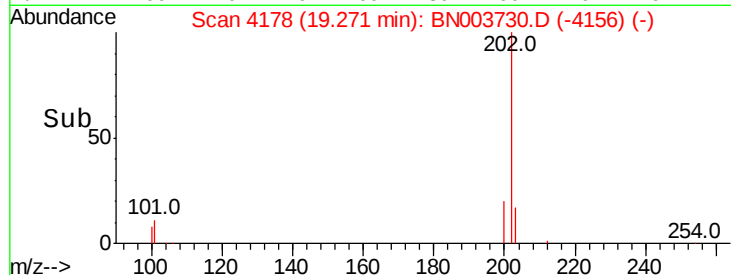
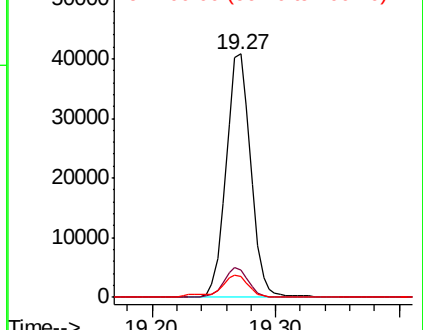
100 8.3 0.0 28.1



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: 0.464 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

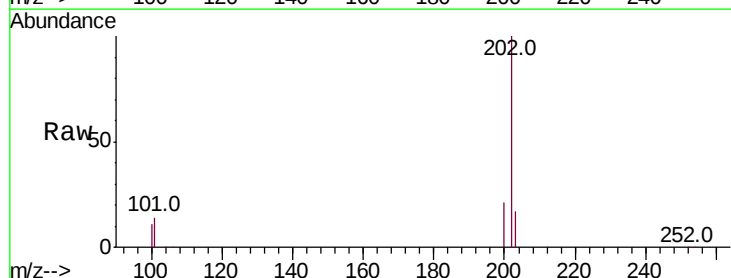
Tgt Ion:202 Resp: 53888

Ion Ratio Lower Upper

202 100

101 13.9 10.3 15.5

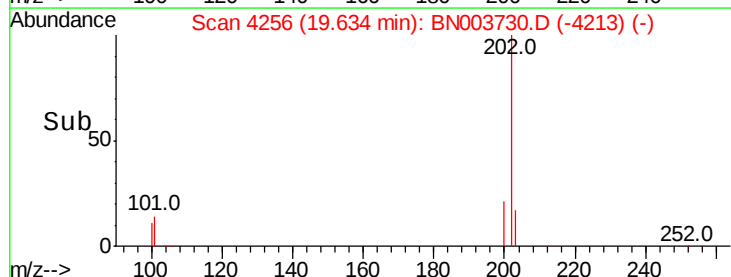
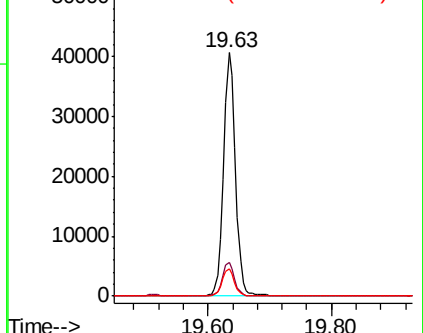
100 11.1 8.5 12.7

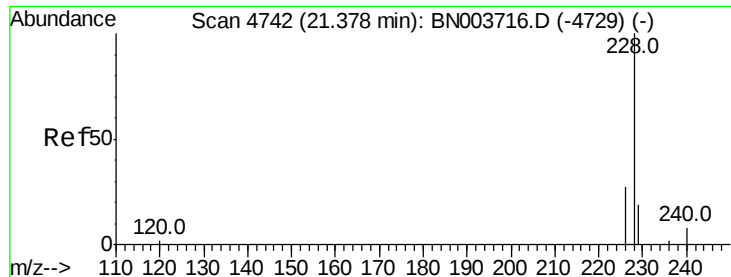


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.458 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

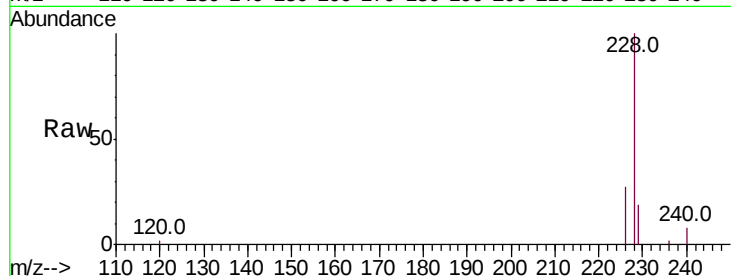
Tot Ion:228 Resp: 46808

Ion Ratio Lower Upper

228 100

229 19.3 15.6 23.4

226 27.3 21.1 31.7

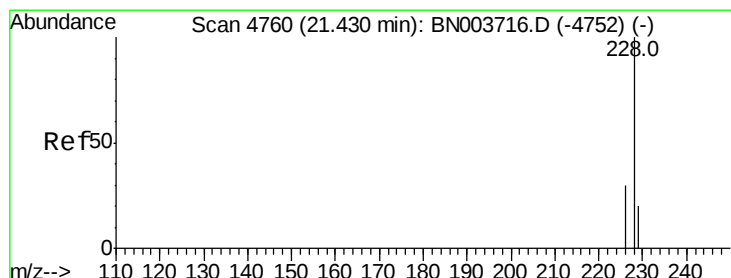
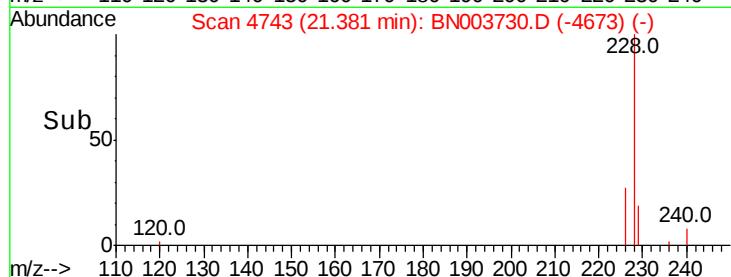
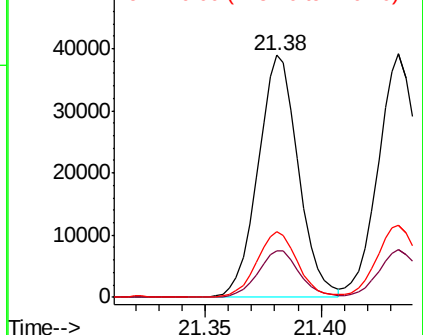


Abundance

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: 0.407 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

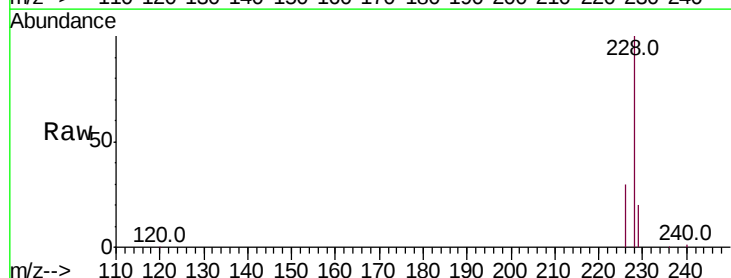
Tgt Ion:228 Resp: 47627

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.5 15.7 23.5

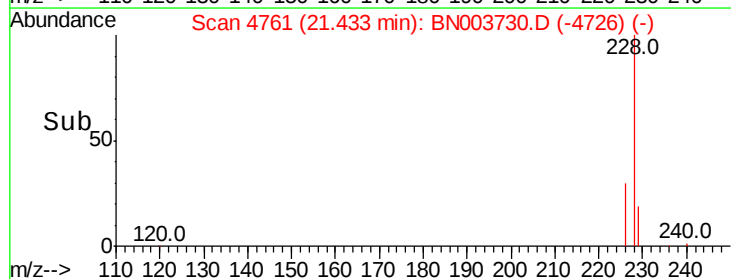
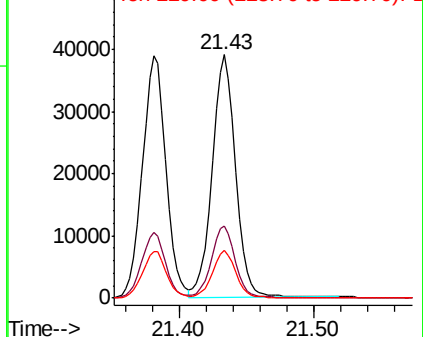


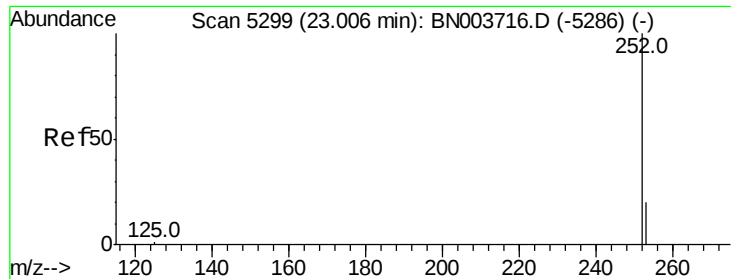
Abundance

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: 0.397 ng/ul

RT: 23.01 min Scan# 5300

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

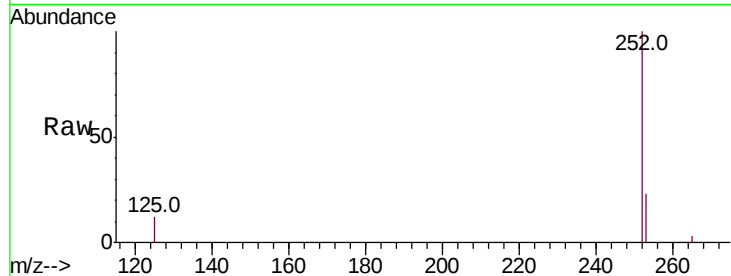
Tot Ion:252 Resp: 48223

Ion Ratio Lower Upper

252 100

253 22.9 0.0 46.0

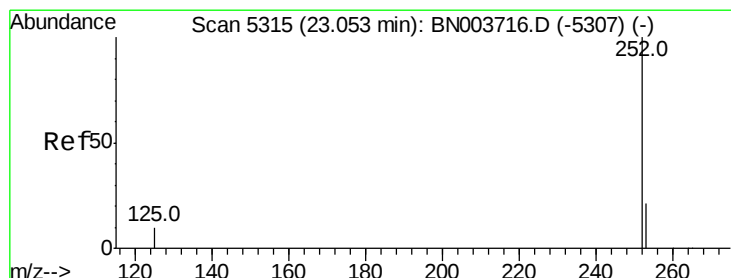
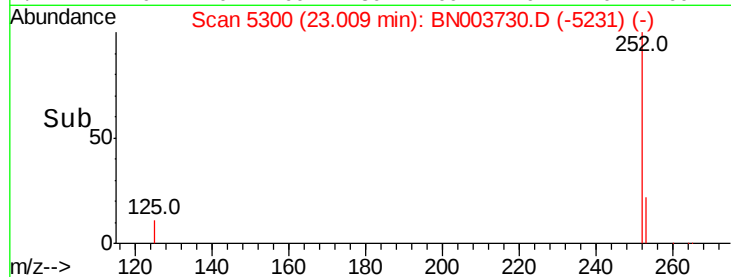
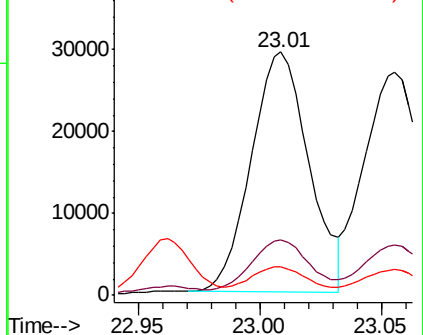
125 11.7 0.0 22.4



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: 0.400 ng/ul

RT: 23.06 min Scan# 5316

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

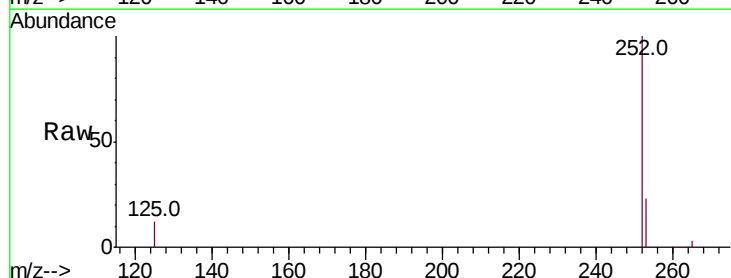
Tgt Ion:252 Resp: 47398

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

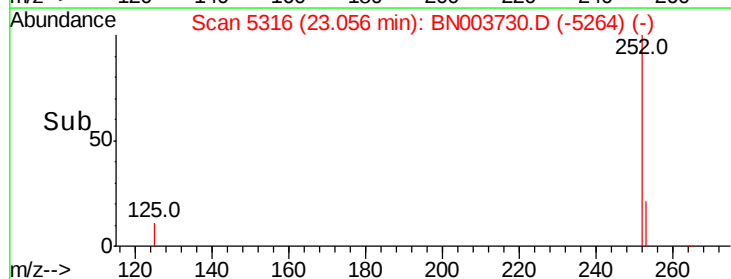
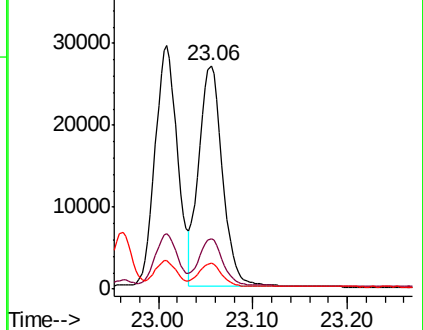
125 11.6 9.0 13.6

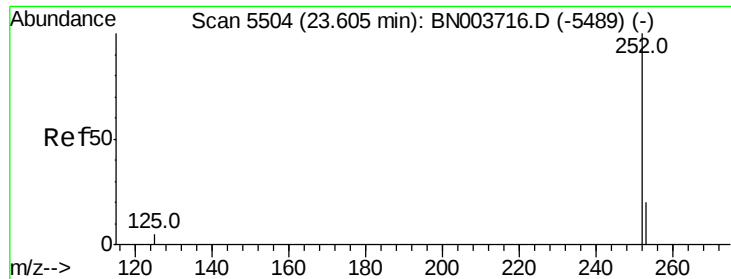


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.414 ng/ul

RT: 23.61 min Scan# 5505

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

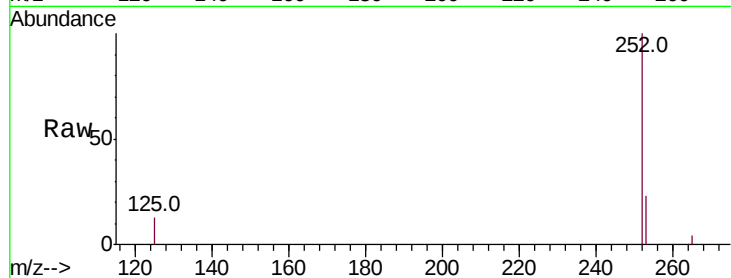
Tot Ion:252 Resp: 43572

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.4

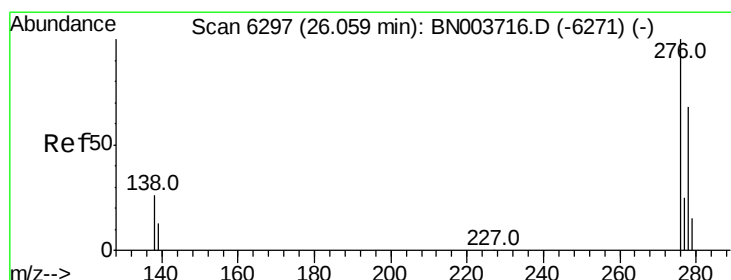
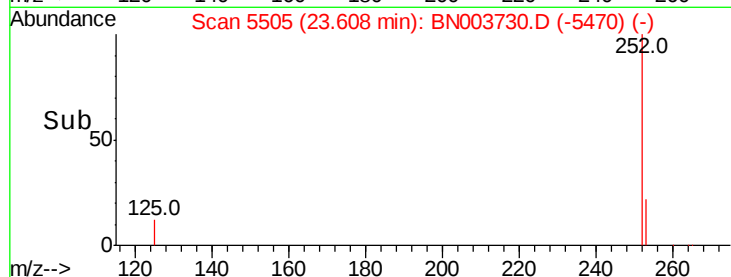
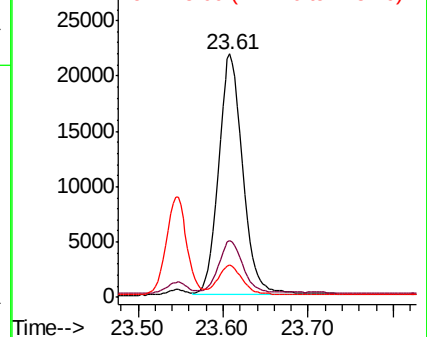
125 13.2 10.2 15.4



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: 0.389 ng/ul

RT: 26.06 min Scan# 6297

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

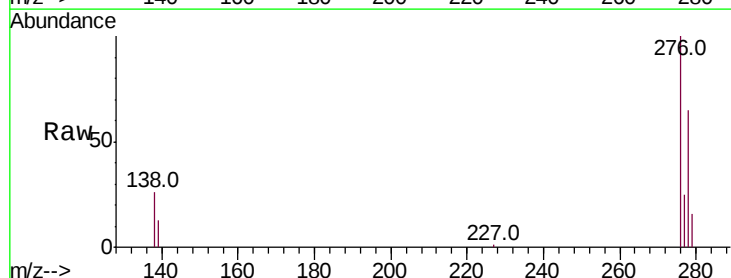
Tgt Ion:276 Resp: 46942

Ion Ratio Lower Upper

276 100

138 26.3 20.3 30.5

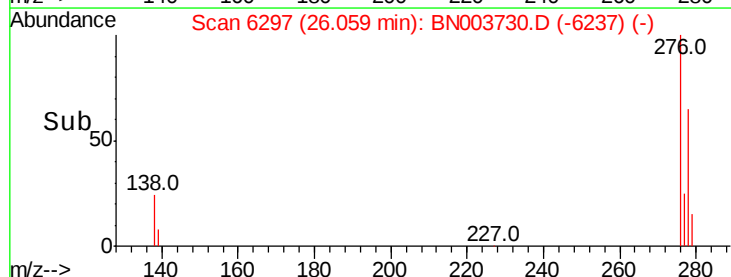
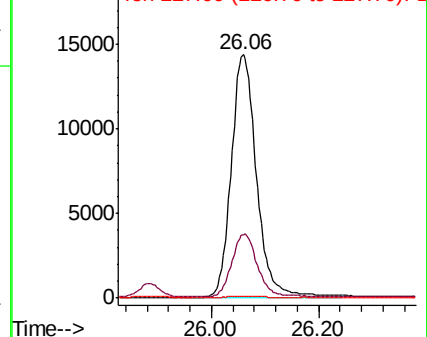
227 0.2 0.2 0.2

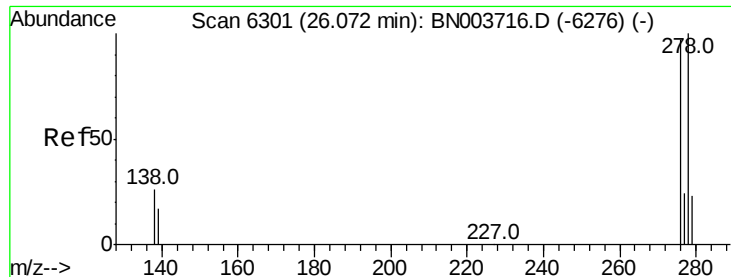


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.379 ng/u1

RT: 26.07 min Scan# 6301

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.489

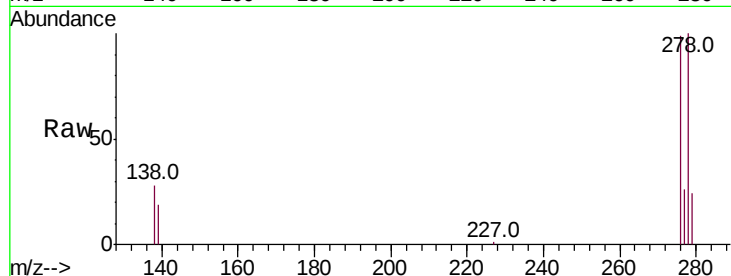
Tot Ion:278 Resp: 36823

Ion Ratio Lower Upper

278 100

139 18.5 14.2 21.4

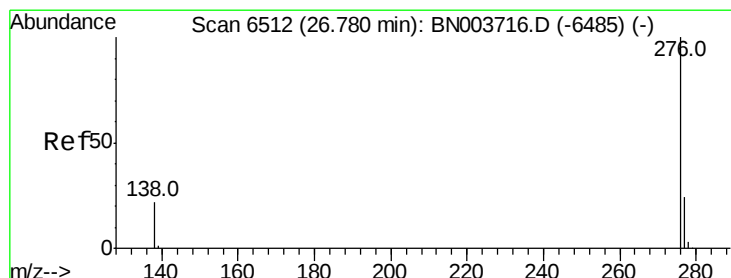
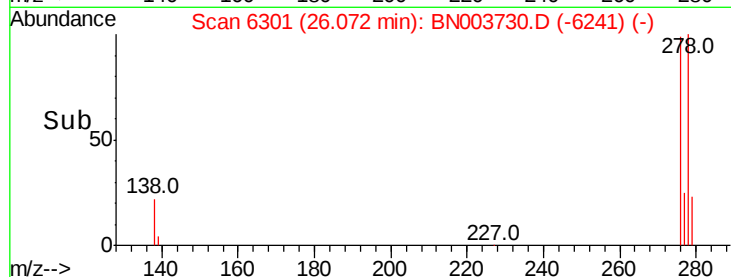
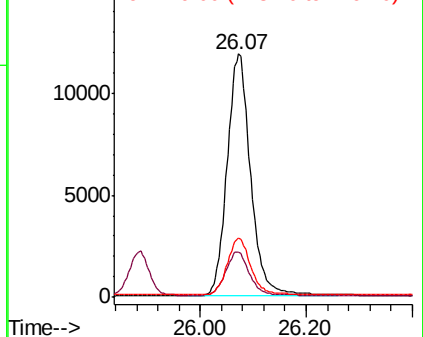
279 24.4 19.8 29.6



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/u1

RT: 26.78 min Scan# 6513

Delta R.T. 0.00 min

Lab File: BN003730.D

Acq: 06 Dec 2018 14:32

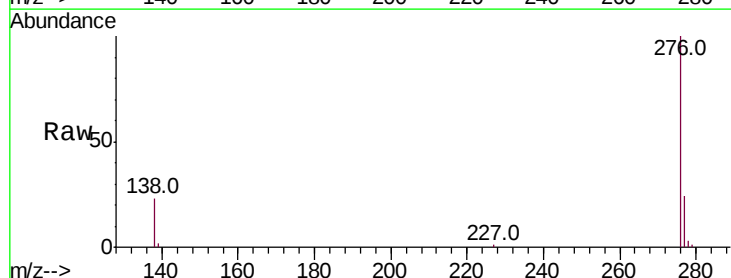
Tgt Ion:276 Resp: 39768

Ion Ratio Lower Upper

276 100

138 23.4 17.7 26.5

277 23.9 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

