

Data File : BN003725.D
Acq On : 05 Dec 2018 23:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.487

Quant Time: Dec 06 02:57:38 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	5332	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	21088	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10567	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	22798	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	18972	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	15945	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	12572	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	24475	0.37	ng/ul	0.00

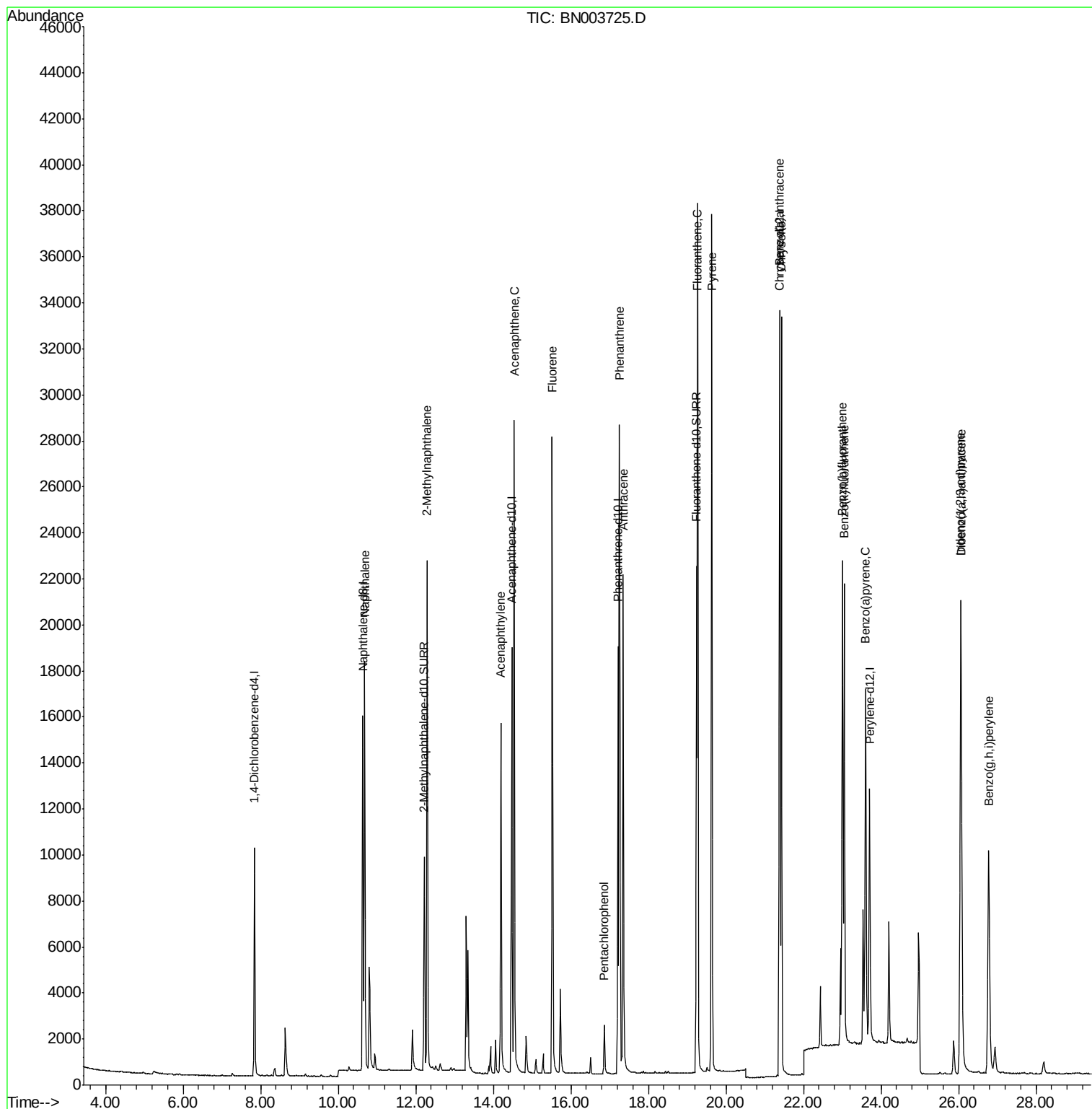
Target Compounds					Qvalue
3) Naphthalene	10.68	128	24481	0.413	ng/ul 99
5) 2-Methylnaphthalene	12.29	142	16622	0.402	ng/ul 100
7) Acenaphthylene	14.19	152	19504	0.410	ng/ul 100
8) Acenaphthene	14.53	153	17175	0.412	ng/ul 99
9) Fluorene	15.52	166	18978	0.390	ng/ul 99
11) Pentachlorophenol	16.86	266	1760	0.429	ng/ul 100
12) Phenanthrene	17.25	178	30883	0.413	ng/ul 100
13) Anthracene	17.35	178	25301	0.411	ng/ul 99
15) Fluoranthene	19.27	202	33593	0.380	ng/ul 100
17) Pyrene	19.63	202	32885	0.483	ng/ul 99
18) Benzo(a)anthracene	21.37	228	25197	0.420	ng/ul 99
19) Chrysene	21.43	228	27785	0.405	ng/ul 100
21) Benzo(b)fluoranthene	23.00	252	26866	0.407	ng/ul 99
22) Benzo(k)fluoranthene	23.05	252	26608	0.414	ng/ul 99
23) Benzo(a)pyrene	23.60	252	24004	0.420	ng/ul 98
24) Indeno(1,2,3-cd)pyrene	26.05	276	26690	0.407	ng/ul 98
25) Dibenzo(a,h)anthracene	26.07	278	21217	0.402	ng/ul 99
26) Benzo(g,h,i)perylene	26.78	276	22580	0.397	ng/ul 99

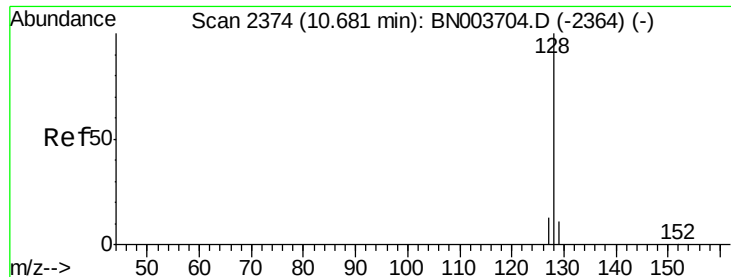
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 02:57:38 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: 0.413 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

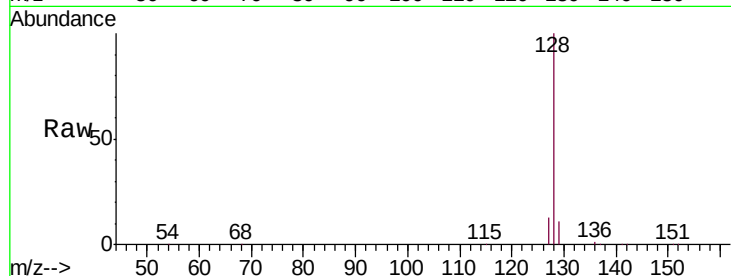
Tgt Ion:128 Resp: 24481

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

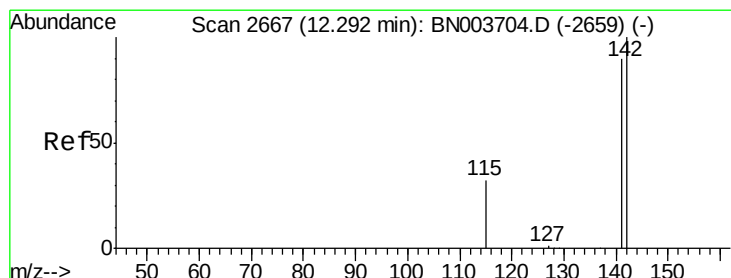
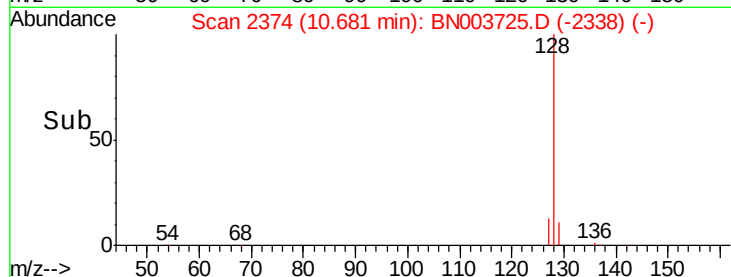
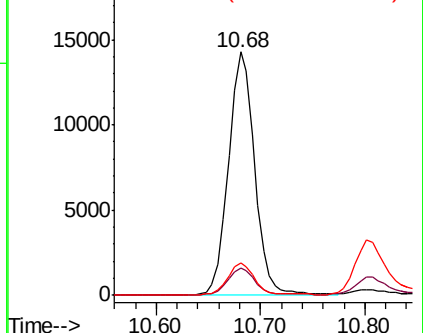
127 13.4 10.5 15.7



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: 0.402 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003725.D

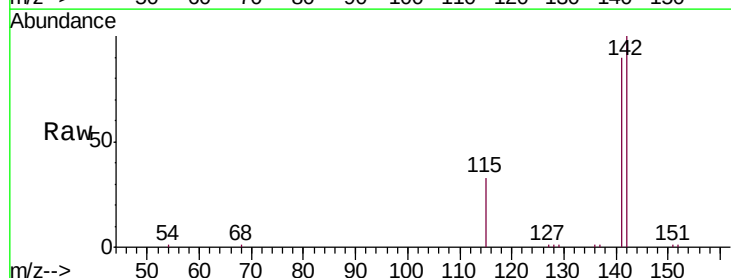
Acq: 05 Dec 2018 23:40

Tgt Ion:142 Resp: 16622

Ion Ratio Lower Upper

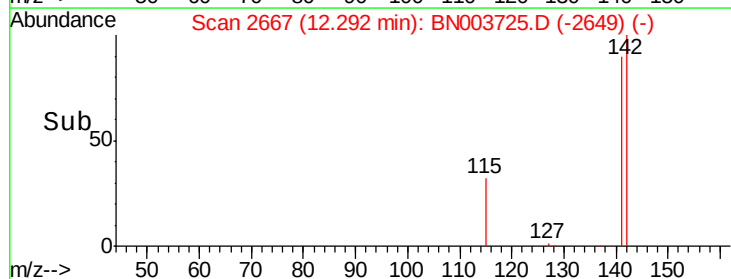
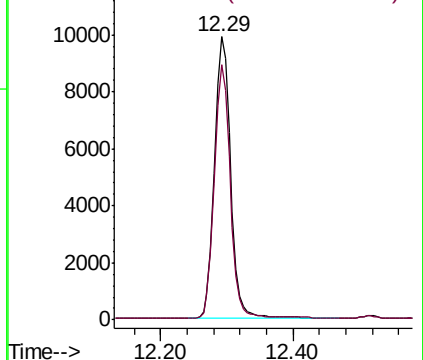
142 100

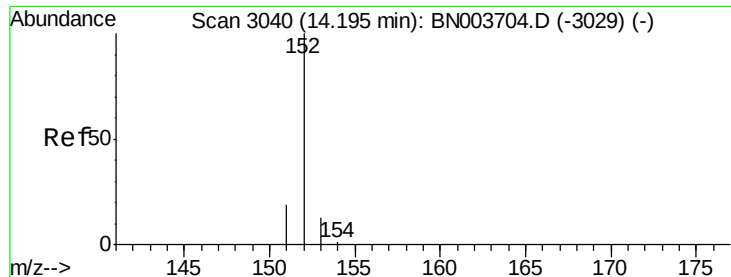
141 89.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.410 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

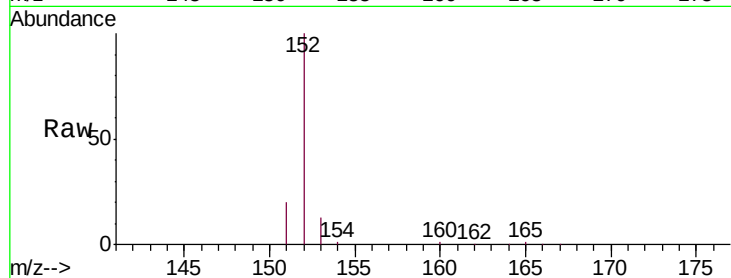
Tgt Ion:152 Resp: 19504

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

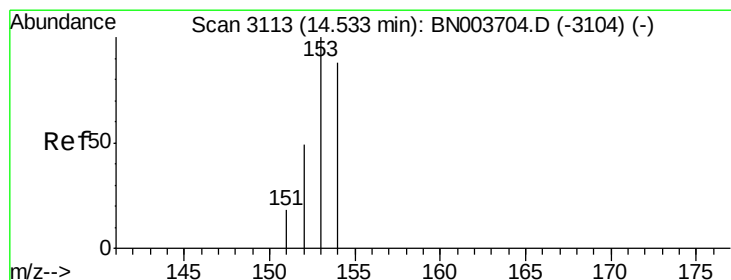
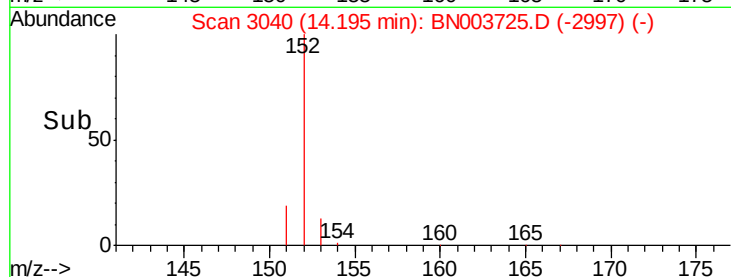
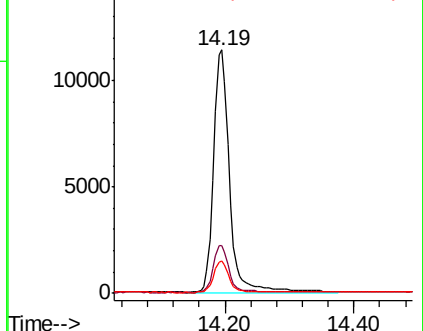
153 13.5 10.7 16.1



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: 0.412 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

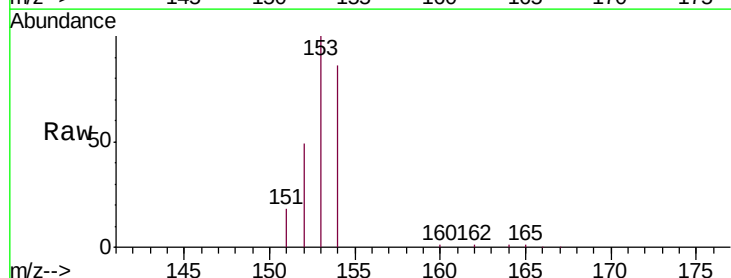
Tgt Ion:153 Resp: 17175

Ion Ratio Lower Upper

153 100

152 48.7 39.3 58.9

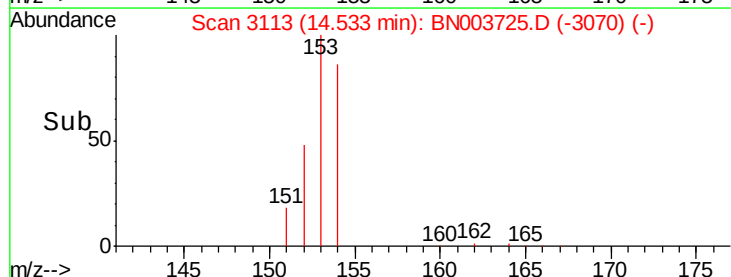
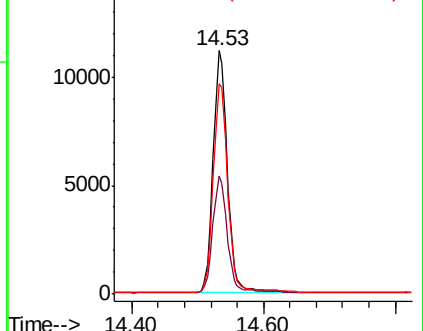
154 86.2 70.3 105.5

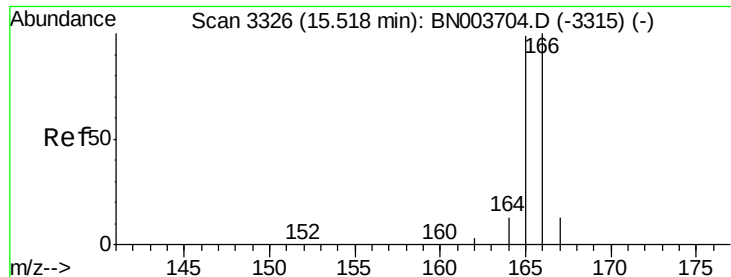


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.390 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

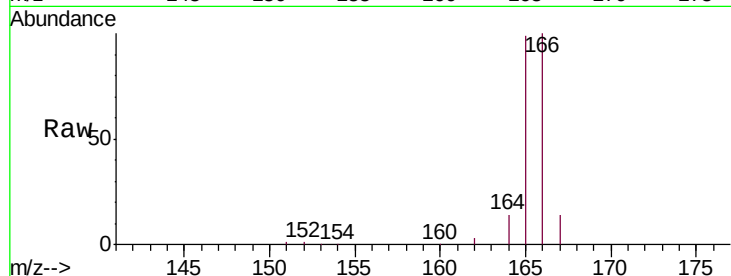
Tgt Ion:166 Resp: 18978

Ion Ratio Lower Upper

166 100

165 99.1 78.3 117.5

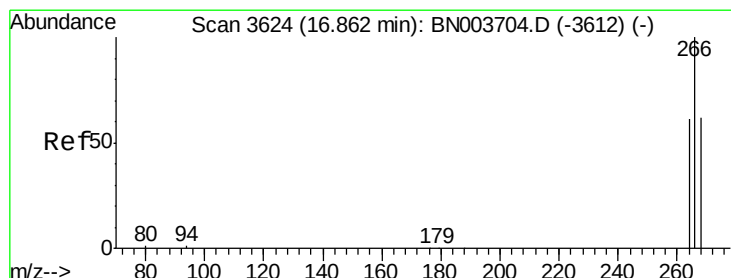
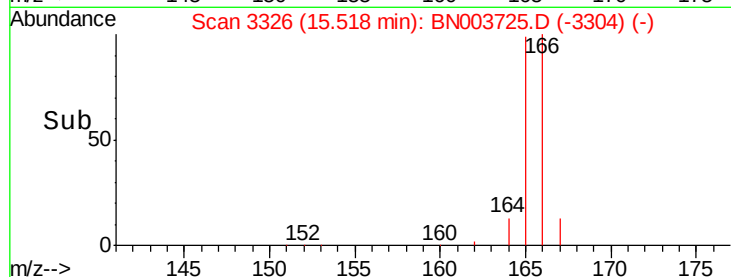
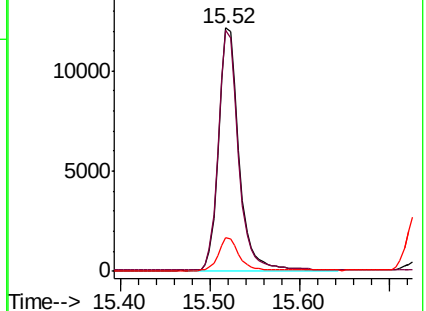
167 13.6 11.3 16.9



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: 0.429 ng/ul

RT: 16.86 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

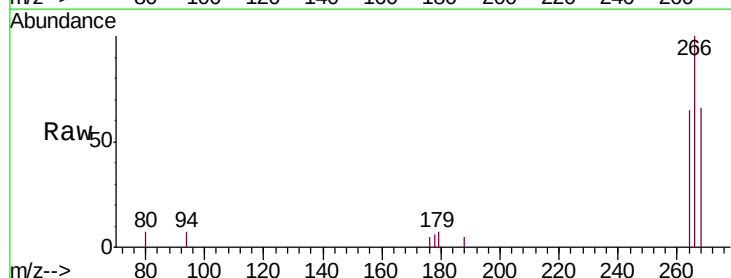
Tgt Ion:266 Resp: 1760

Ion Ratio Lower Upper

266 100

264 61.6 49.4 74.2

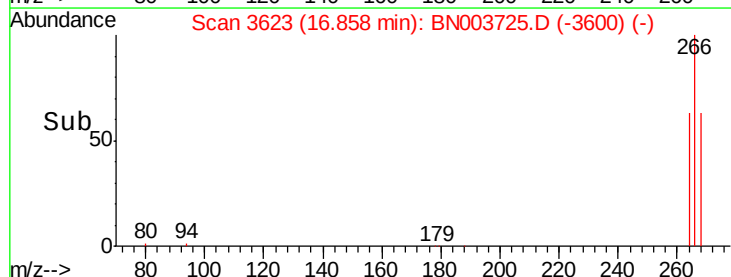
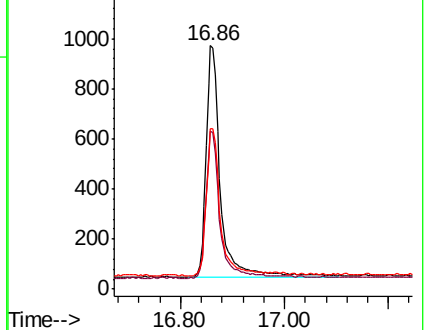
268 64.3 51.7 77.5

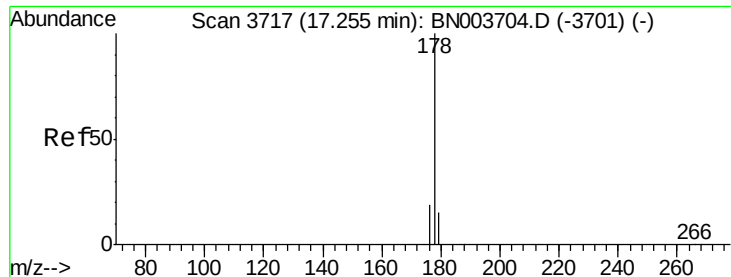


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.413 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

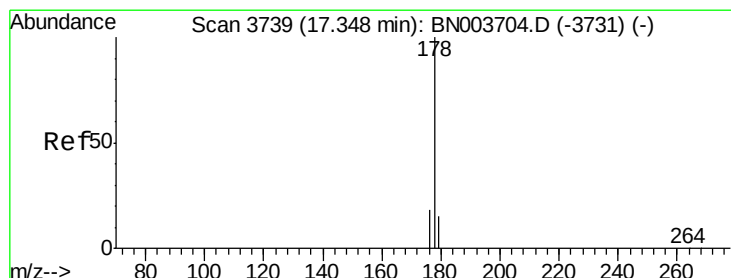
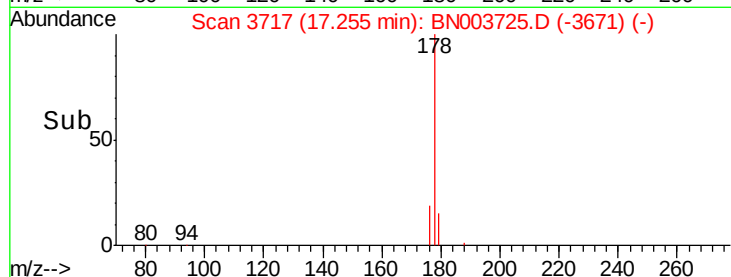
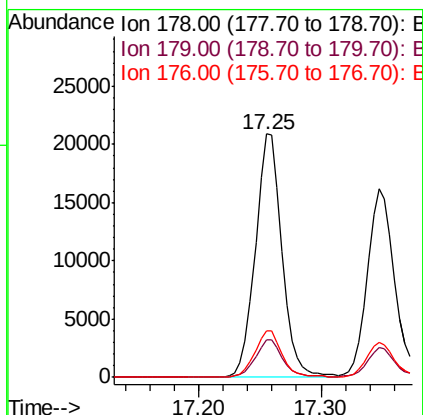
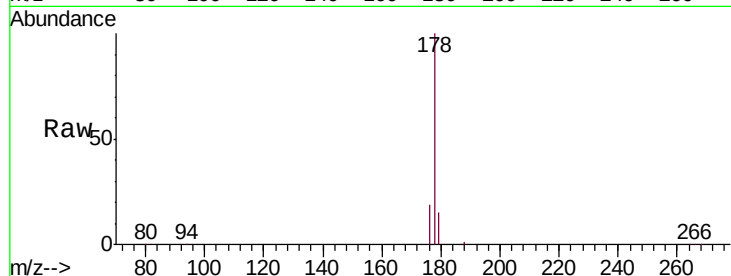
Tgt Ion:178 Resp: 30883

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.0 22.4



#13

Anthracene

Concen: 0.411 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

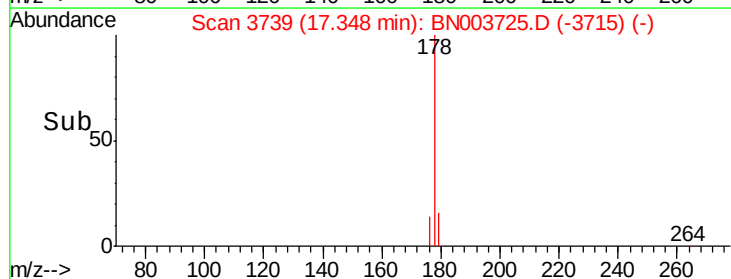
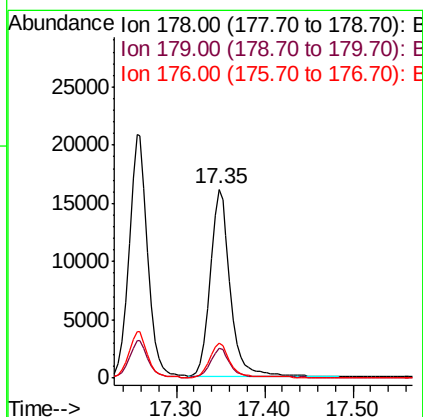
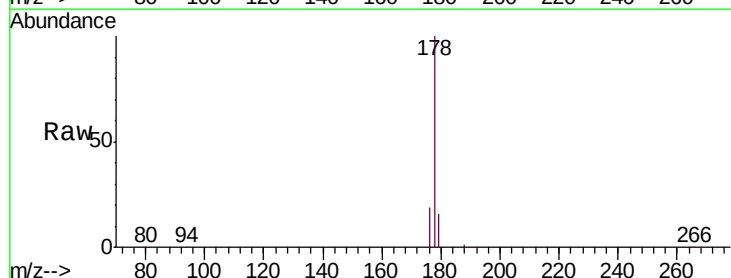
Tgt Ion:178 Resp: 25301

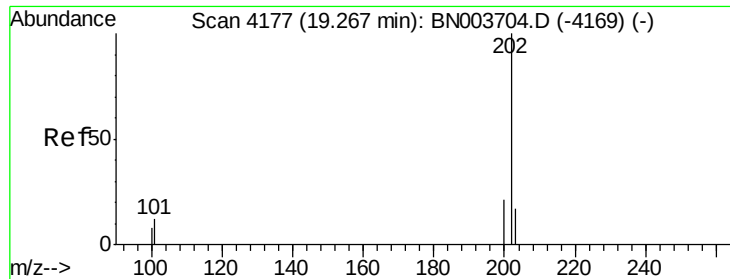
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.7 14.8 22.2





#15

Fluoranthene

Concen: 0.380 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

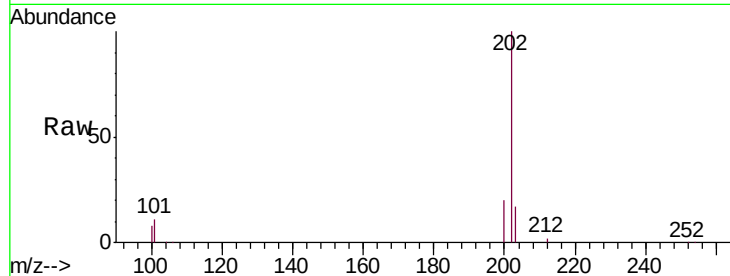
Tgt Ion:202 Resp: 33593

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

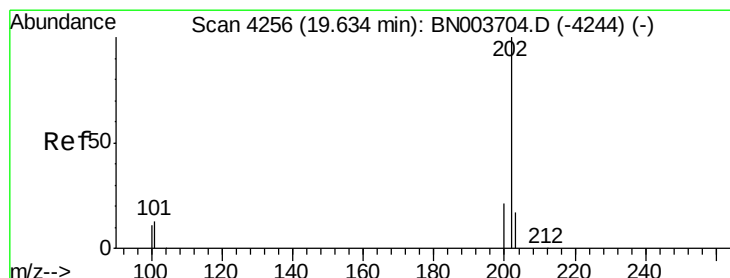
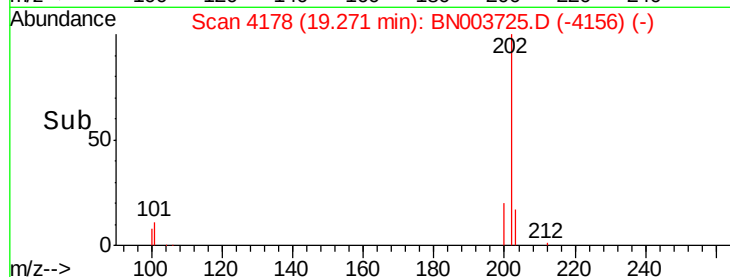
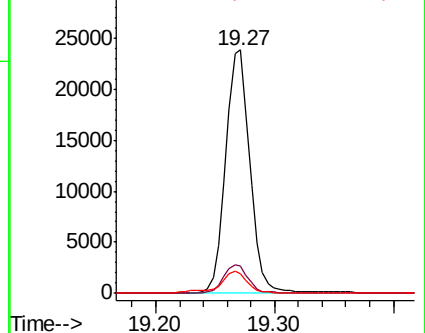
100 8.1 0.0 28.1



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: 0.483 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

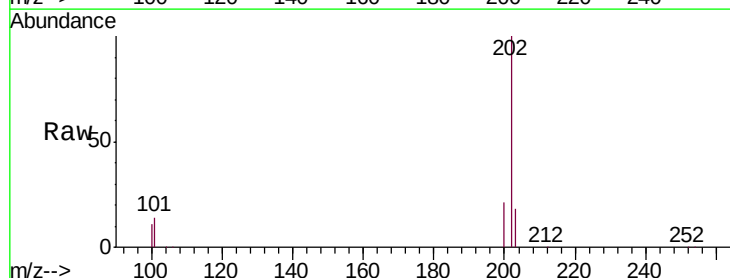
Tgt Ion:202 Resp: 32885

Ion Ratio Lower Upper

202 100

101 13.5 10.3 15.5

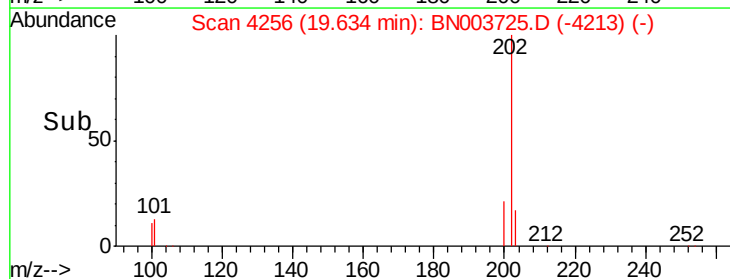
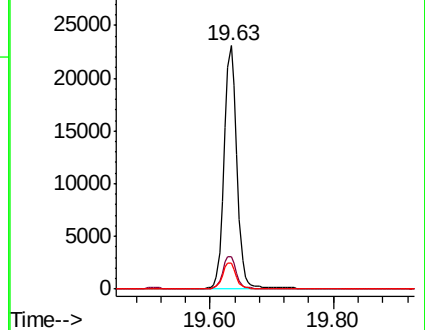
100 10.7 8.5 12.7

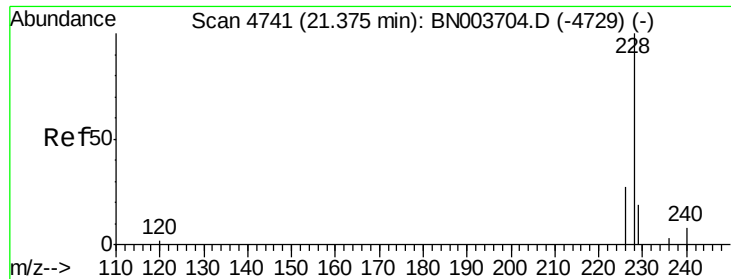


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.420 ng/ul

RT: 21.37 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

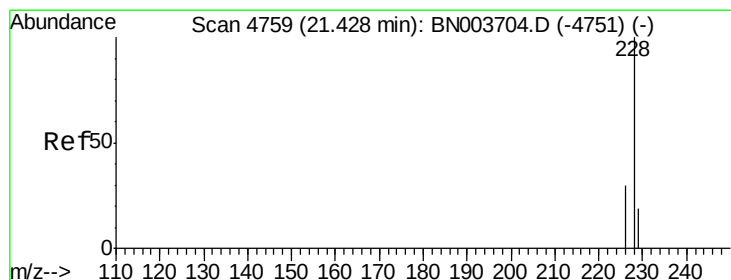
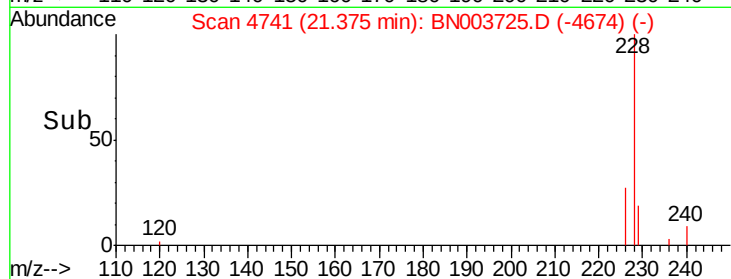
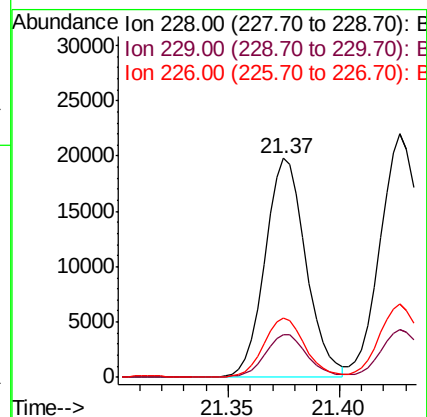
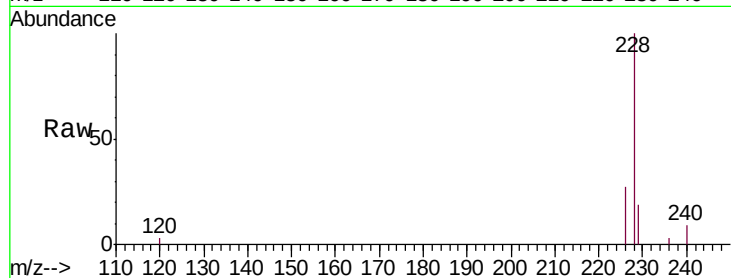
Tgt Ion:228 Resp: 25197

Ion Ratio Lower Upper

228 100

229 19.5 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: BN003725.D

Acq: 05 Dec 2018 23:40

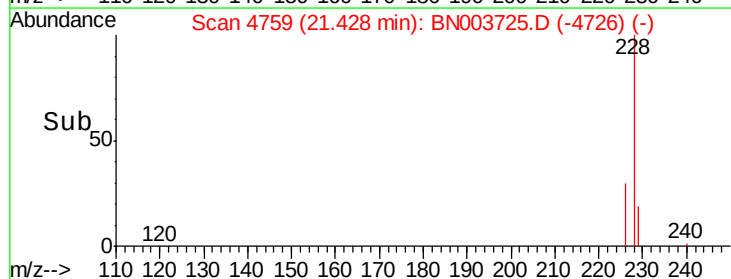
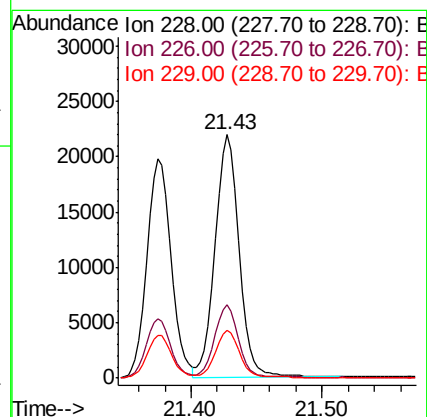
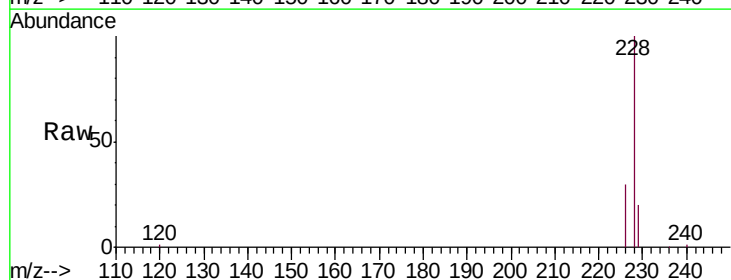
Tgt Ion:228 Resp: 27785

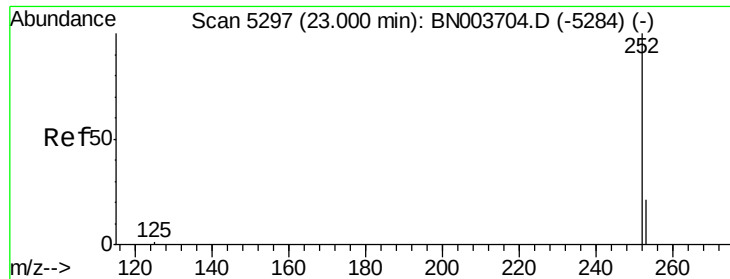
Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.6 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.407 ng/ul

RT: 23.00 min Scan# 5297

Delta R.T. -0.01 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

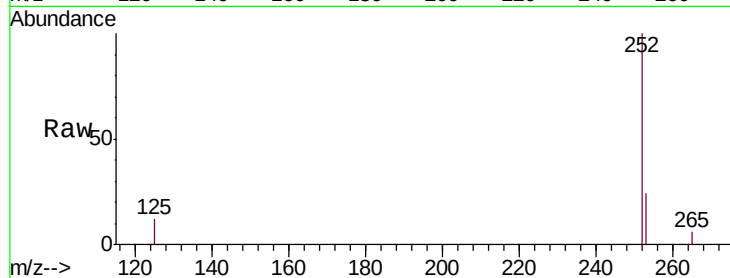
Tgt Ion:252 Resp: 26866

Ion Ratio Lower Upper

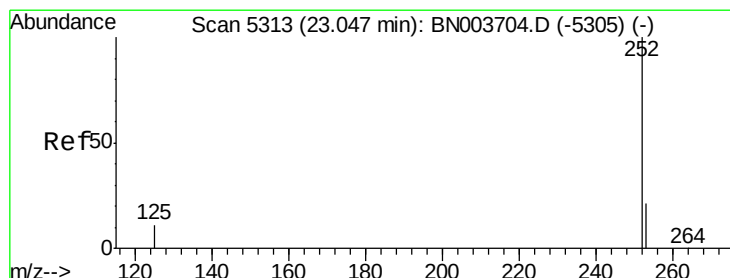
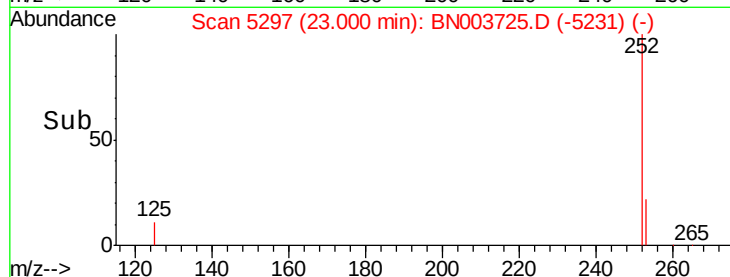
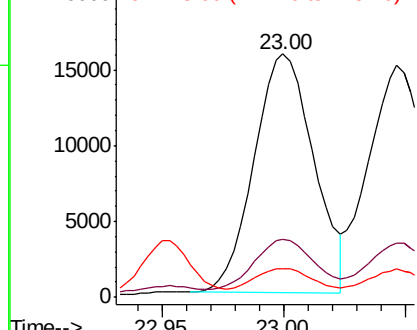
252 100

253 23.6 0.0 46.0

125 11.9 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: 0.414 ng/ul

RT: 23.05 min Scan# 5313

Delta R.T. -0.01 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

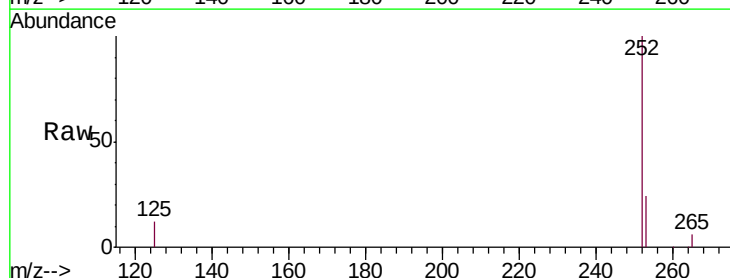
Tgt Ion:252 Resp: 26608

Ion Ratio Lower Upper

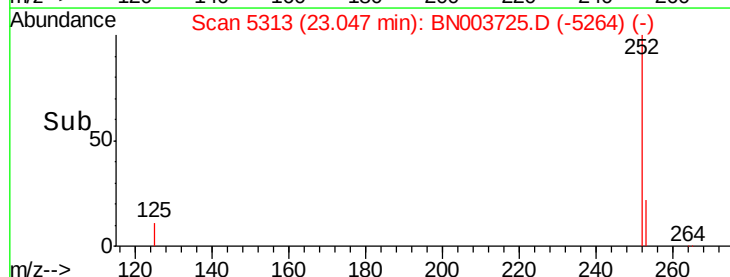
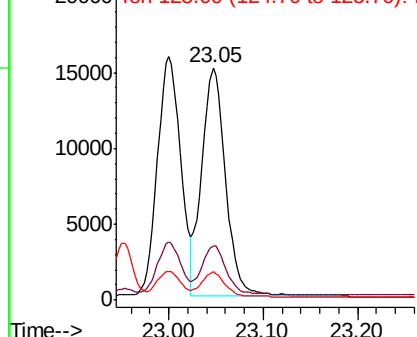
252 100

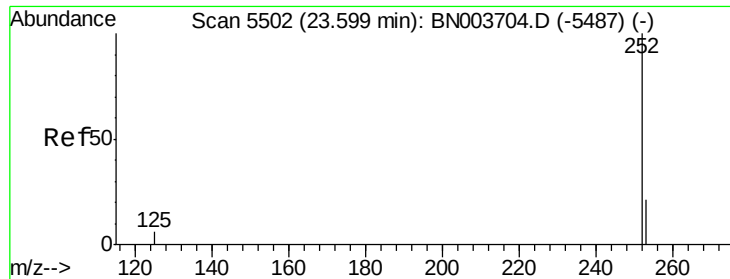
253 23.6 18.5 27.7

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: 0.420 ng/ul

RT: 23.60 min Scan# 5502

Delta R.T. -0.01 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.487

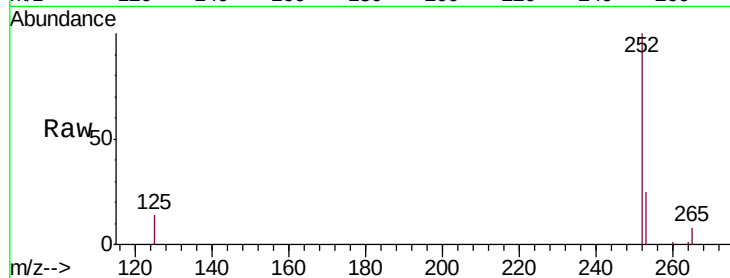
Tgt Ion:252 Resp: 24004

Ion Ratio Lower Upper

252 100

253 24.6 19.0 28.4

125 13.6 10.2 15.4

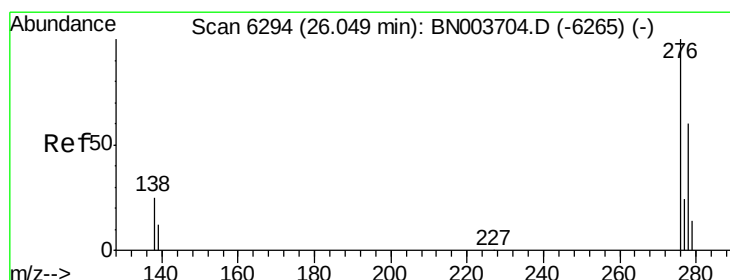
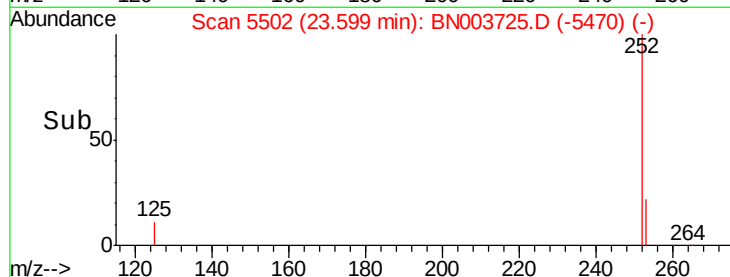
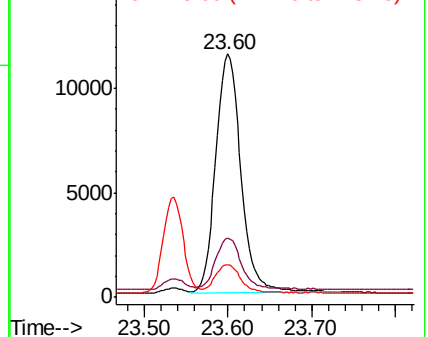


Abundance

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: 0.407 ng/ul

RT: 26.05 min Scan# 6295

Delta R.T. -0.01 min

Lab File: BN003725.D

Acq: 05 Dec 2018 23:40

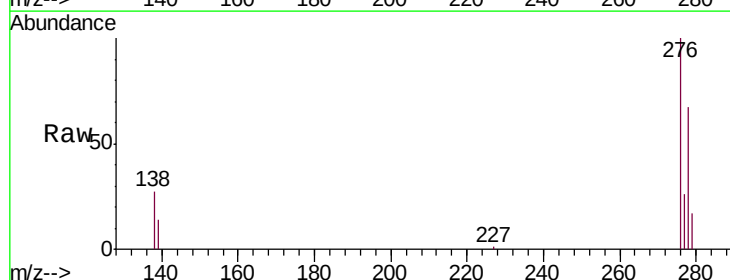
Tgt Ion:276 Resp: 26690

Ion Ratio Lower Upper

276 100

138 26.4 20.3 30.5

227 0.2 0.2 0.2

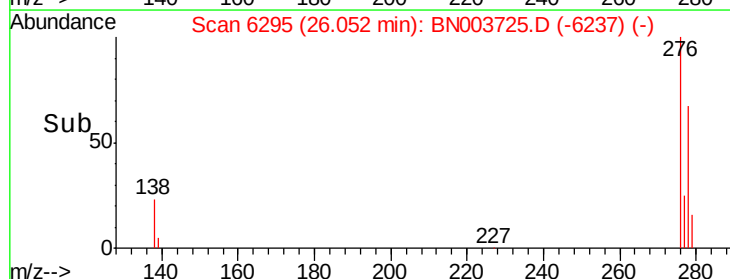
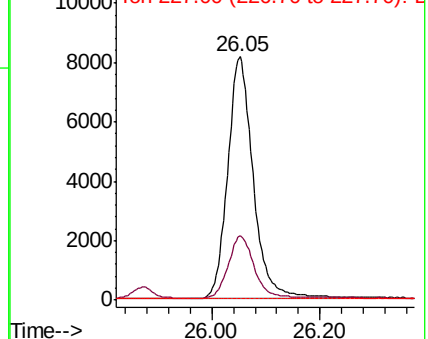


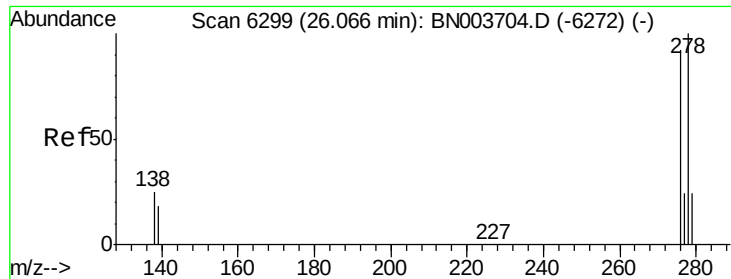
Abundance

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



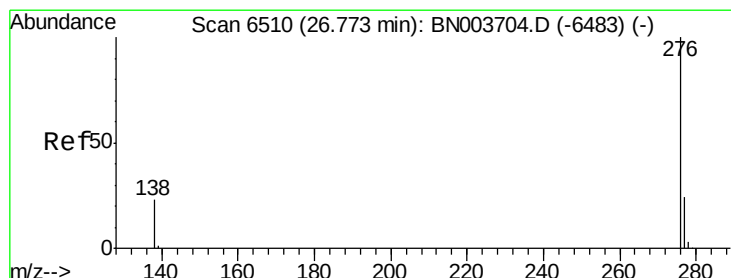
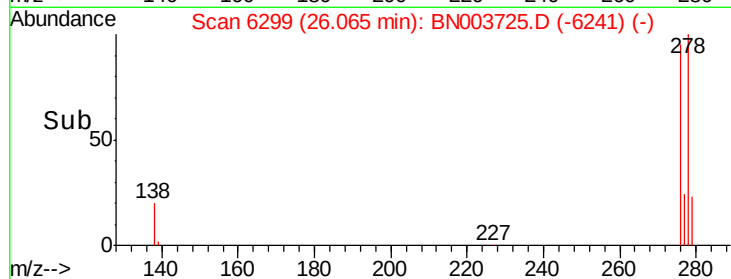
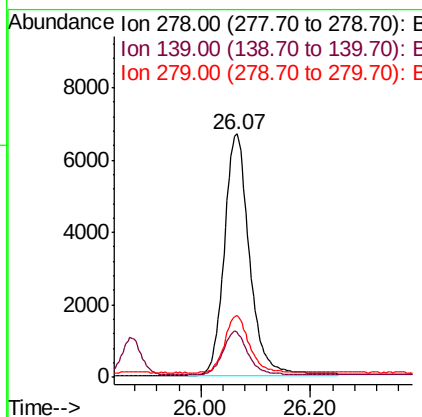
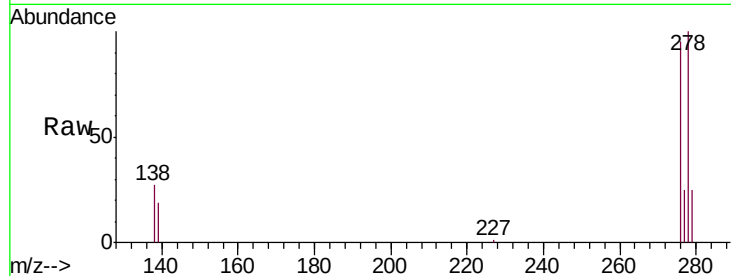


#25
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.07 min Scan# 6299
Delta R.T. -0.01 min
Lab File: BN003725.D
Acq: 05 Dec 2018 23:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.487

Tgt Ion: 278 Resp: 21217

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	25.2	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. -0.00 min
Lab File: BN003725.D
Acq: 05 Dec 2018 23:40

Tgt Ion: 276 Resp: 22580

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.7	26.5
277	24.1	19.3	28.9

