

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120418\
 Data File : BN003692.D
 Acq On : 04 Dec 2018 09:44
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 04 11:11:33 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

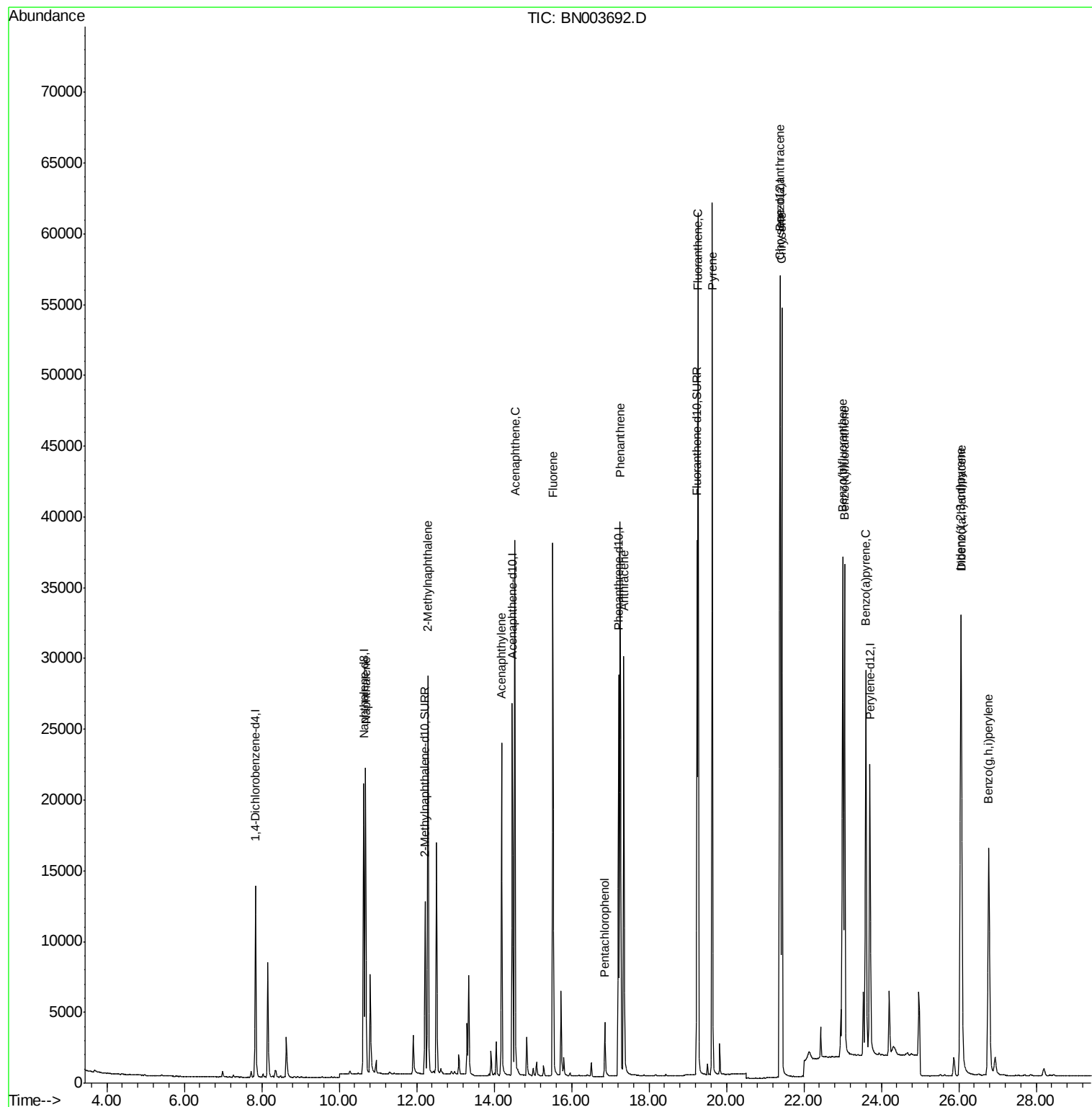
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	7009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	27577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	14697	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	33771	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	32811	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	29815	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	16401	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	40263	0.41	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	29936	0.386	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	20477	0.379	ng/ul	100
7) Acenaphthylene	14.19	152	28163	0.426	ng/ul	100
8) Acenaphthene	14.54	153	22980	0.396	ng/ul	99
9) Fluorene	15.52	166	25243	0.373	ng/ul	99
11) Pentachlorophenol	16.86	266	3032	0.498	ng/ul	99
12) Phenanthrene	17.26	178	43055	0.388	ng/ul	100
13) Anthracene	17.35	178	35323	0.388	ng/ul	99
15) Fluoranthene	19.27	202	52054	0.398	ng/ul	99
17) Pyrene	19.63	202	51659	0.439	ng/ul	98
18) Benzo(a)anthracene	21.38	228	42602	0.411	ng/ul	99
19) Chrysene	21.43	228	45436	0.383	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	46417	0.376	ng/ul	100
22) Benzo(k)fluoranthene	23.05	252	44930	0.374	ng/ul	99
23) Benzo(a)pyrene	23.60	252	40132	0.376	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.05	276	43119	0.352	ng/ul	98
25) Dibenzo(a,h)anthracene	26.07	278	34030	0.345	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	36489	0.343	ng/ul	99

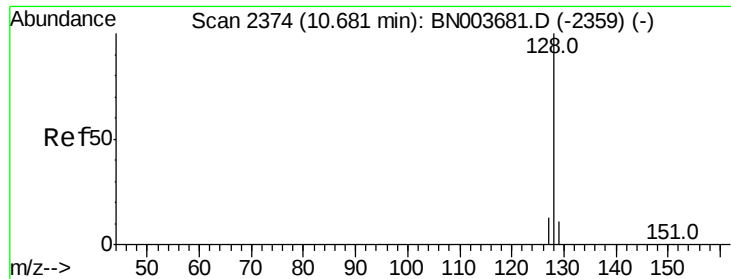
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 11:11:33 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 : Tue Dec 04 01:17:12 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

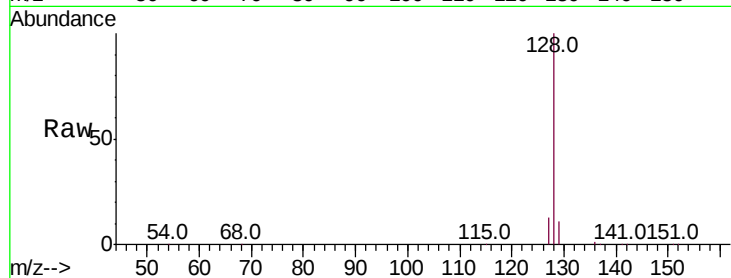
Tot Ion:128 Resp: 29936

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

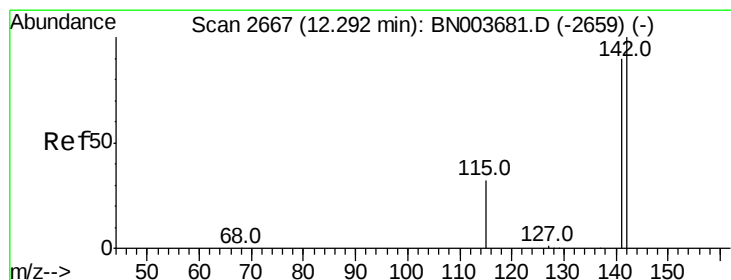
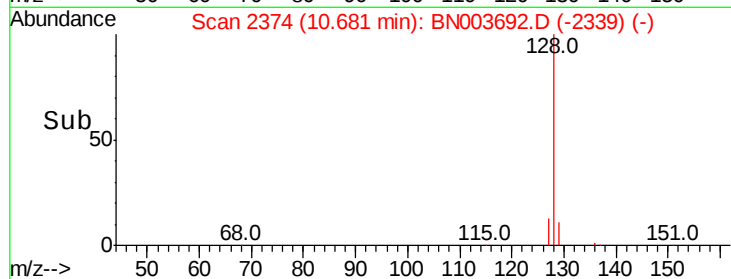
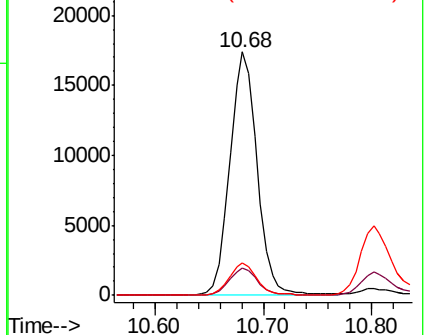
127 13.2 10.5 15.7



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: 0.379 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN003692.D

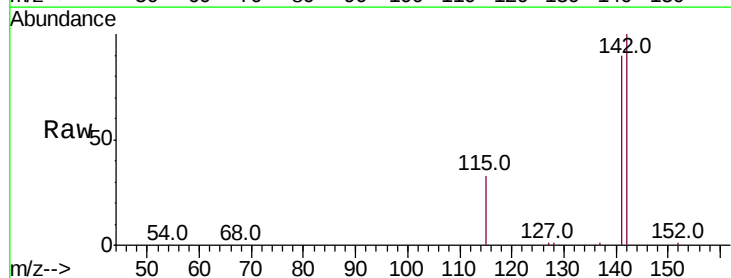
Acq: 04 Dec 2018 09:44

Tgt Ion:142 Resp: 20477

Ion Ratio Lower Upper

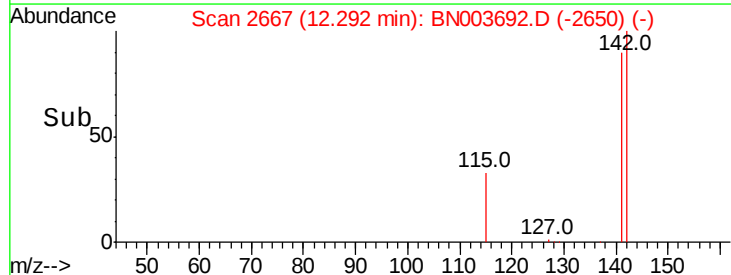
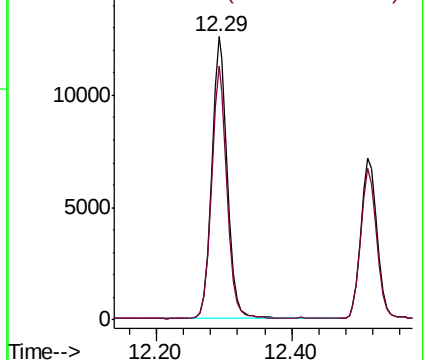
142 100

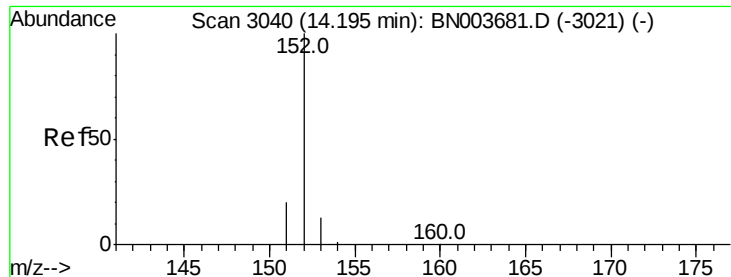
141 89.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.426 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

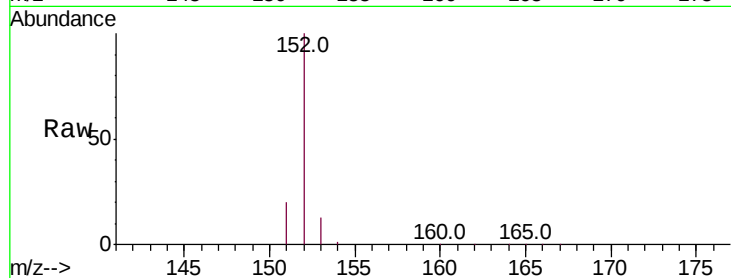
Tot Ion:152 Resp: 28163

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

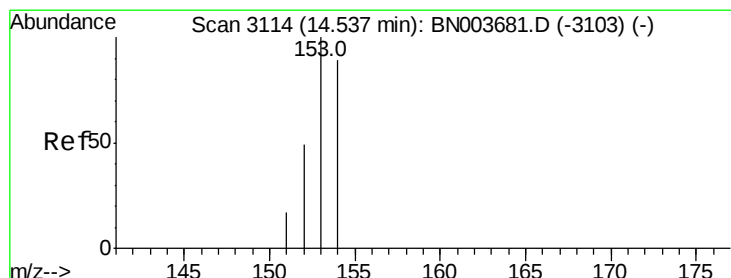
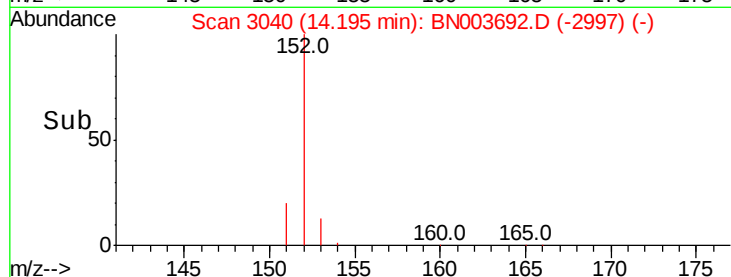
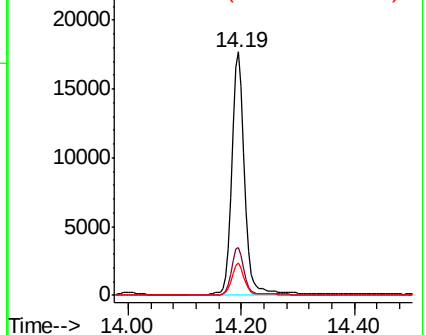
153 13.1 10.7 16.1



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: 0.396 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

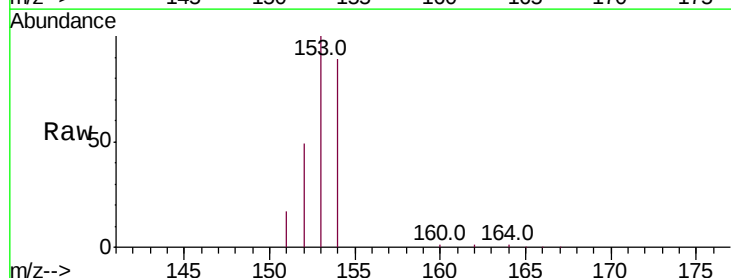
Tgt Ion:153 Resp: 22980

Ion Ratio Lower Upper

153 100

152 48.6 39.3 58.9

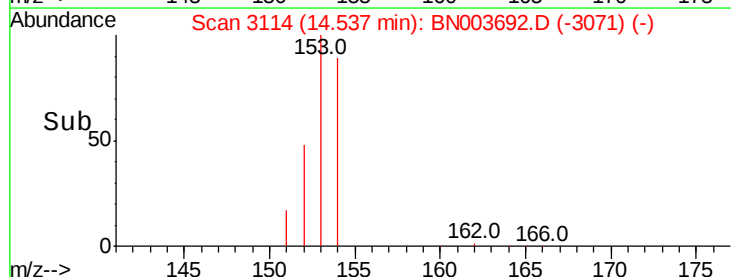
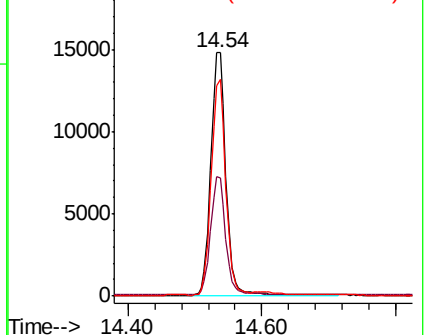
154 89.2 70.3 105.5

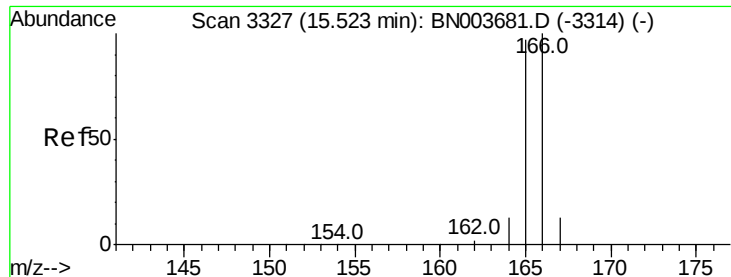


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

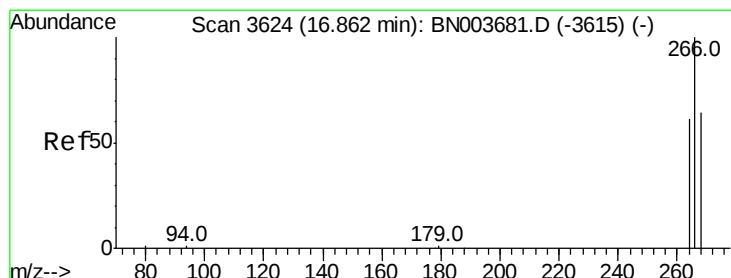
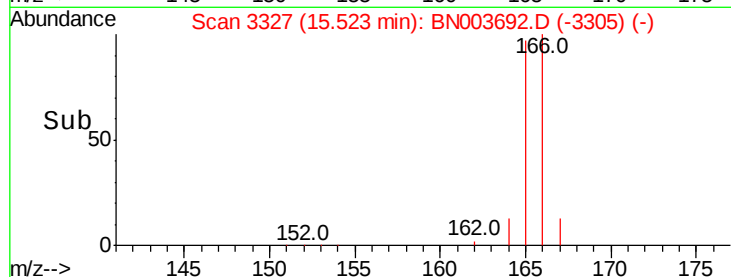
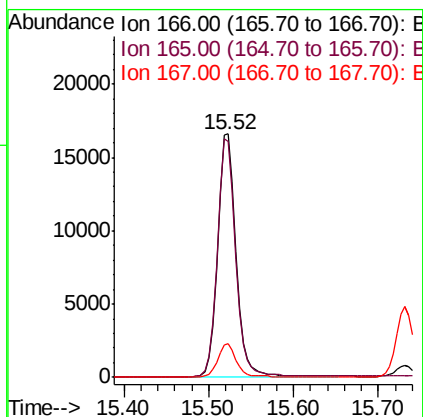
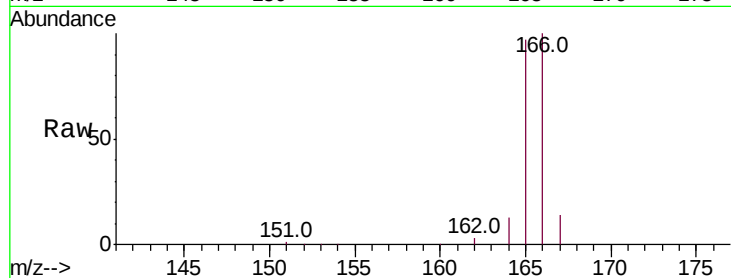




#9
Fluorene
 Concen: 0.373 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. -0.00 min
 Lab File: BN003692.D
 Acq: 04 Dec 2018 09:44

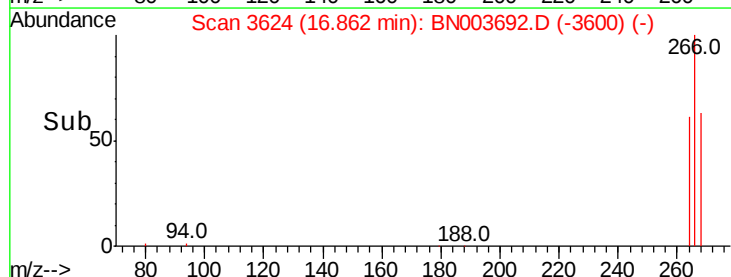
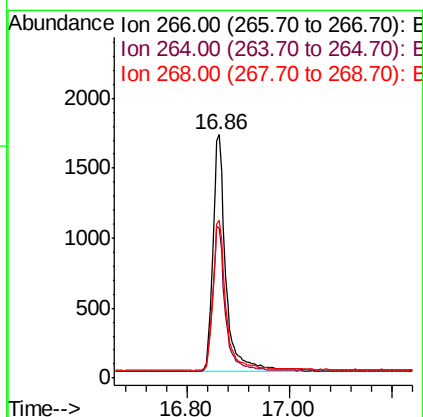
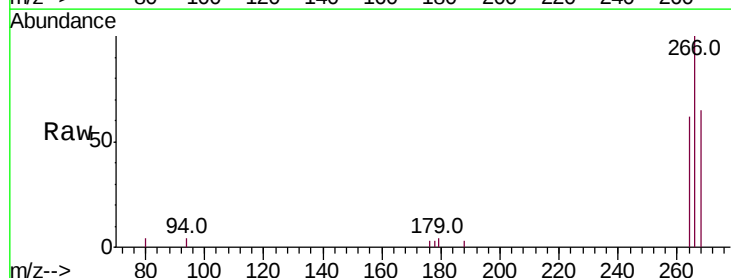
Instrument :
 BNA_N
 ClientSampleId :

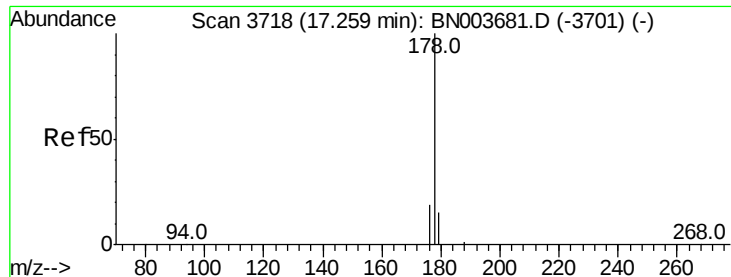
Tot Ion:166 Resp: 25243
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.3 117.5
 167 13.8 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.498 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: BN003692.D
 Acq: 04 Dec 2018 09:44

Tgt Ion:266 Resp: 3032
 Ion Ratio Lower Upper
 266 100
 264 61.1 49.4 74.2
 268 64.2 51.7 77.5





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

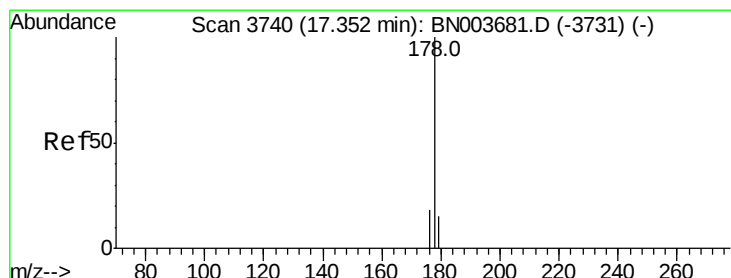
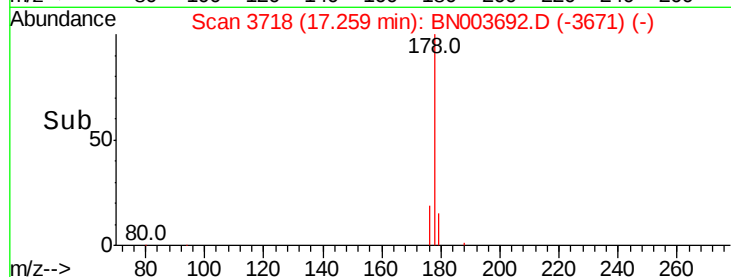
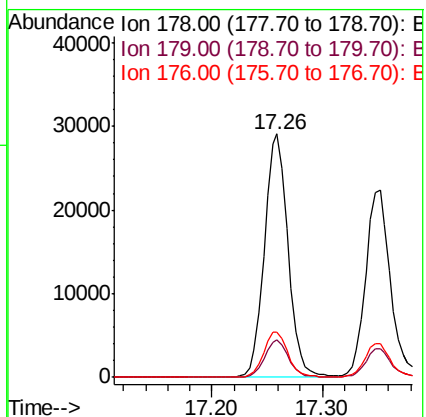
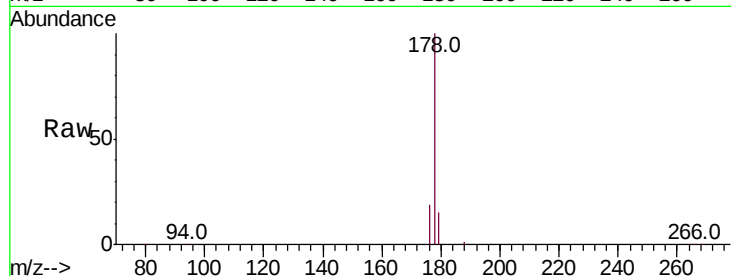
Tot Ion:178 Resp: 43055

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 15.0 22.4



#13

Anthracene

Concen: 0.388 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

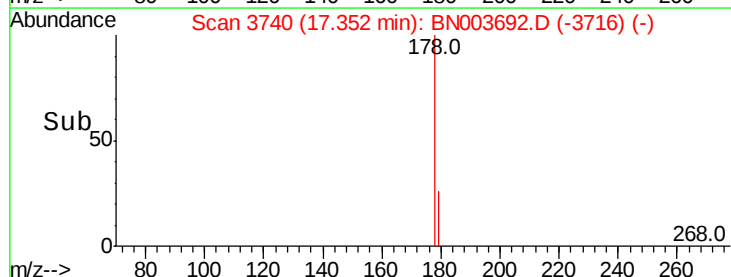
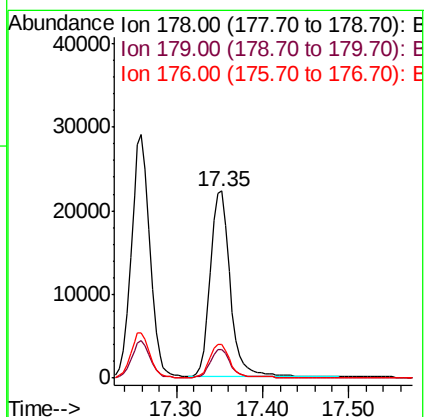
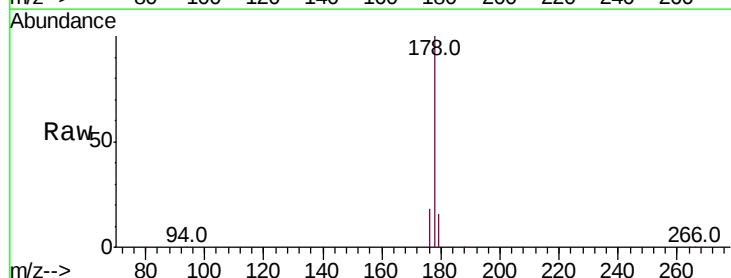
Tgt Ion:178 Resp: 35323

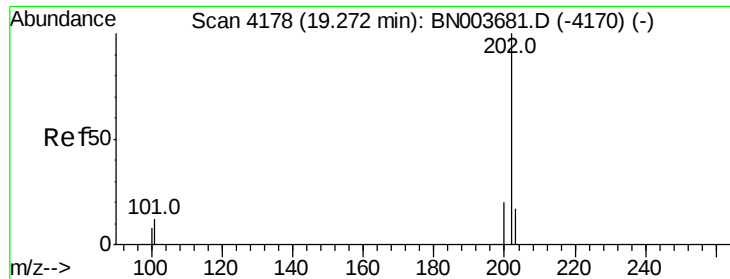
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.1 14.8 22.2

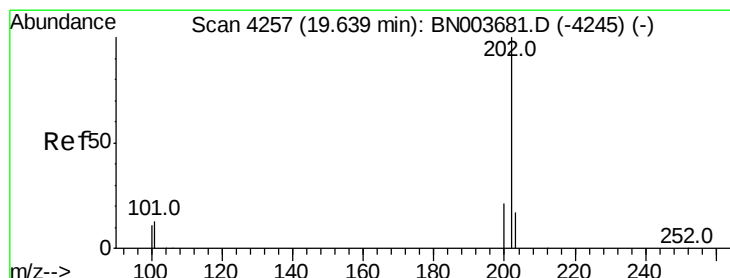
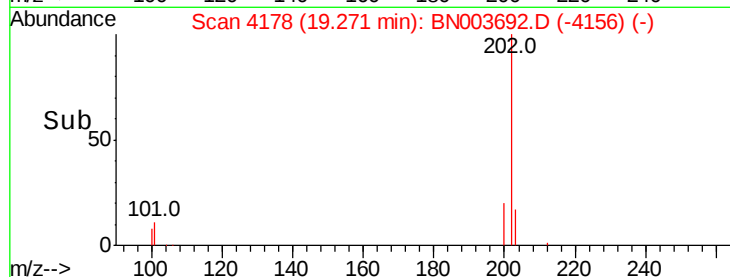
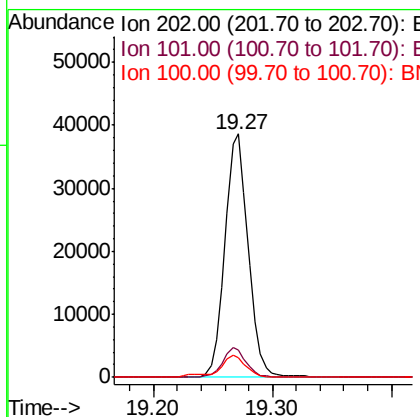
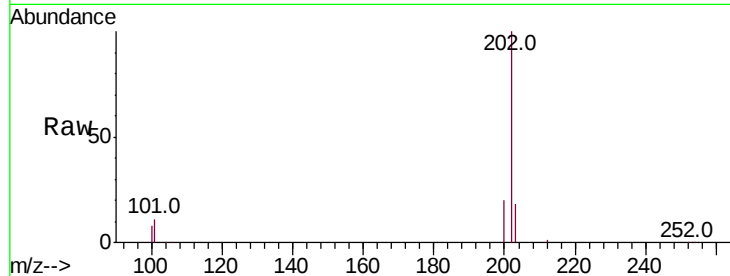




#15
 Fluoranthene
 Concen: 0.398 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN003692.D
 Acq: 04 Dec 2018 09:44

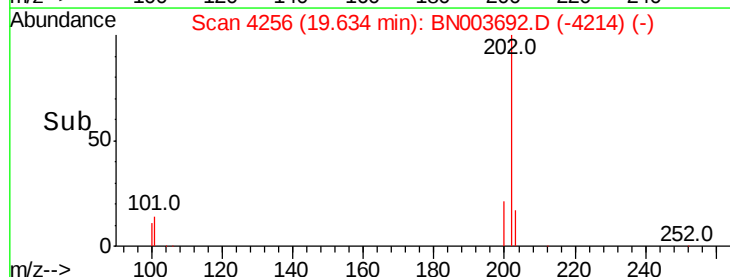
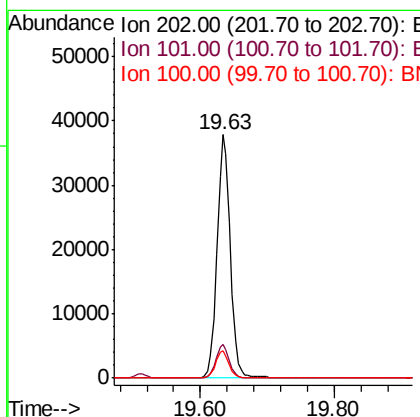
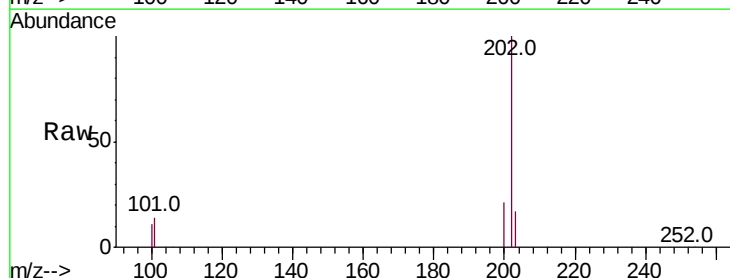
Instrument :
 BNA_N
 ClientSampleId :

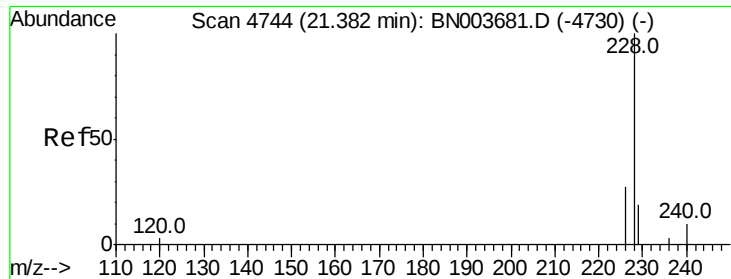
Tot Ion:202 Resp: 52054
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.7
 100 8.3 0.0 28.1



#17
 Pyrene
 Concen: 0.439 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003692.D
 Acq: 04 Dec 2018 09:44

Tgt Ion:202 Resp: 51659
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.3 15.5
 100 11.0 8.5 12.7





#18

Benzo(a)anthracene

Concen: 0.411 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

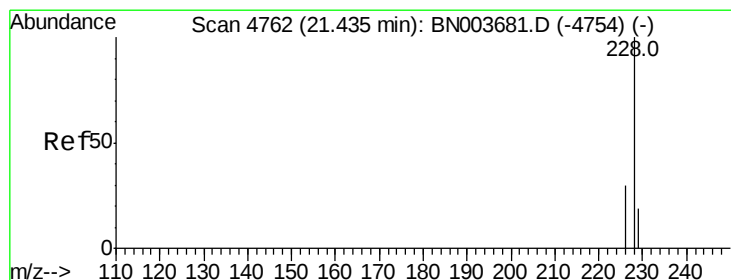
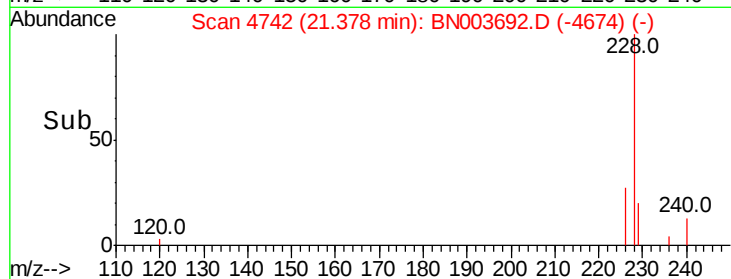
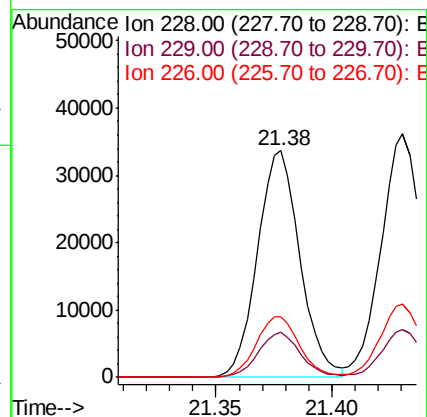
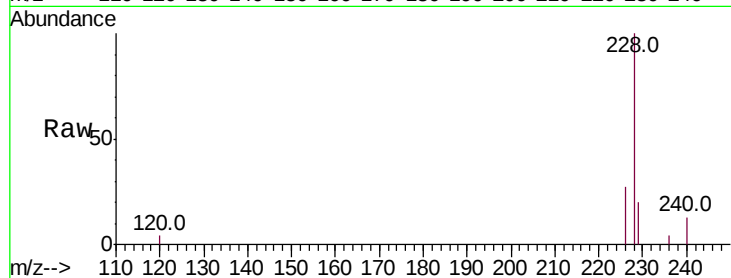
Tot Ion:228 Resp: 42602

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 26.8 21.1 31.7



#19

Chrysene

Concen: 0.383 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

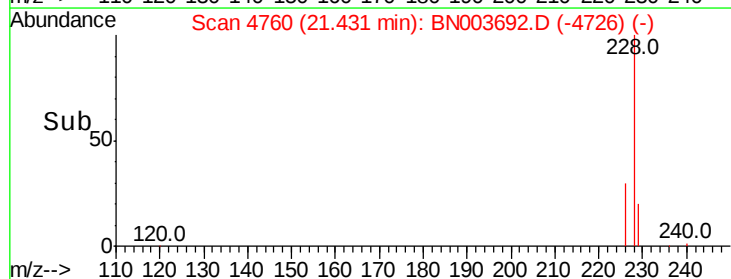
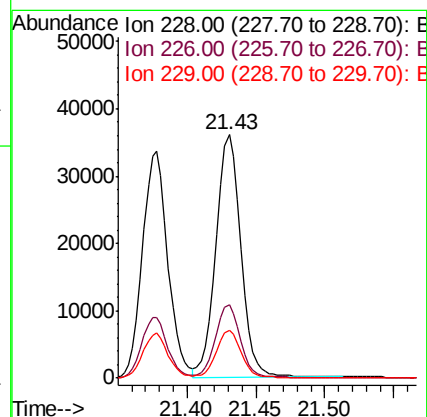
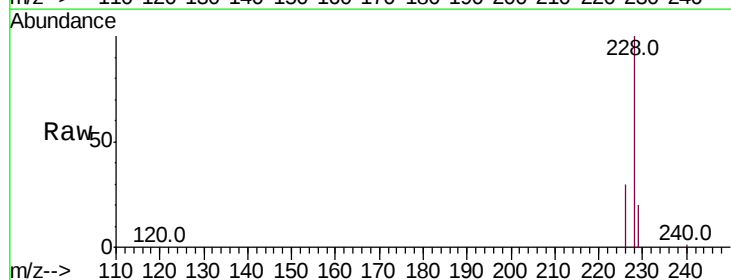
Tgt Ion:228 Resp: 45436

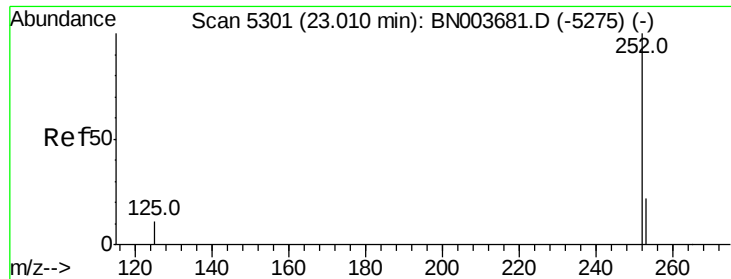
Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.6 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.376 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

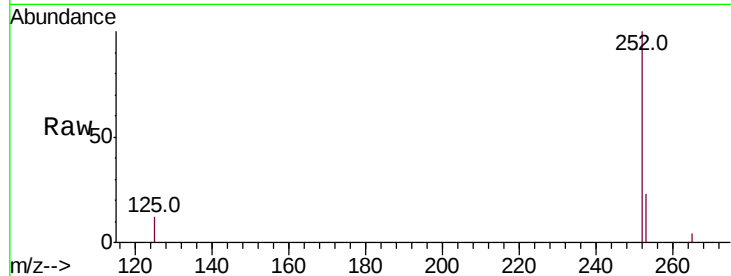
Tot Ion:252 Resp: 46417

Ion Ratio Lower Upper

252 100

253 23.0 0.0 46.0

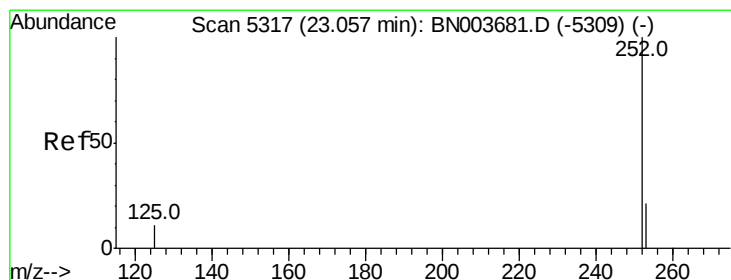
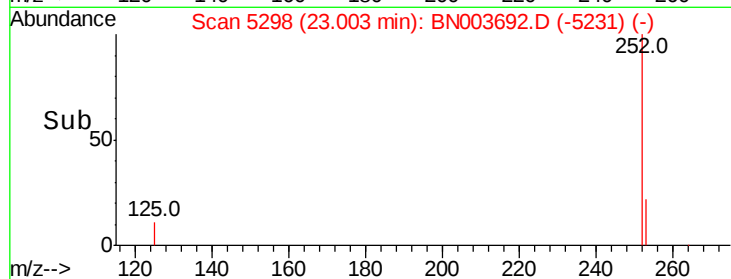
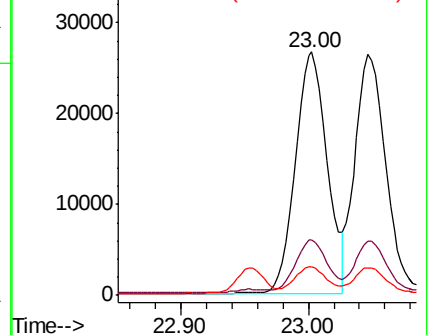
125 11.6 0.0 22.4



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: 0.374 ng/ul

RT: 23.05 min Scan# 5313

Delta R.T. -0.01 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

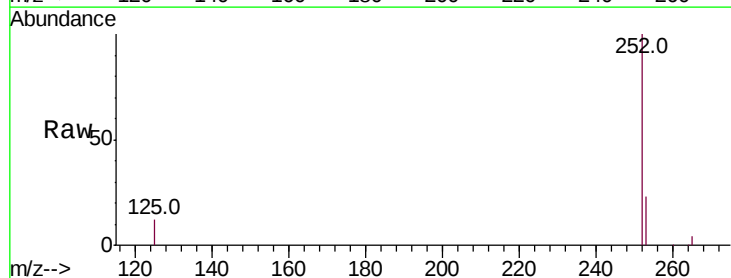
Tgt Ion:252 Resp: 44930

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

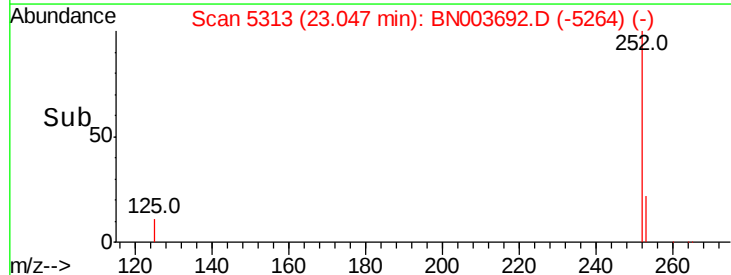
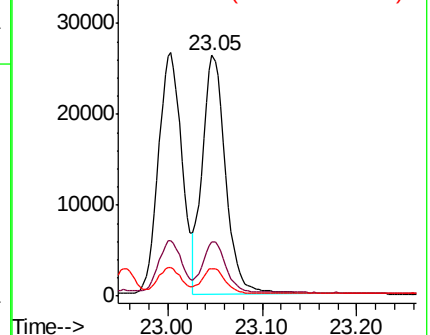
125 11.6 9.0 13.6

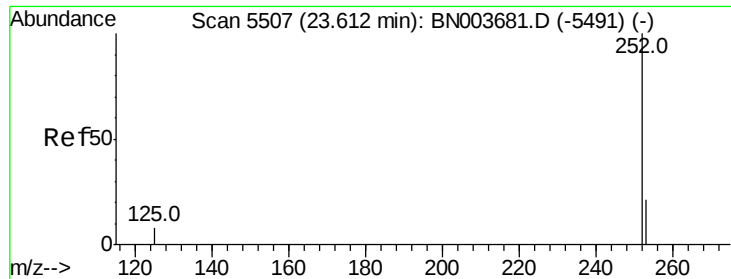


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

Instrument :

BNA_N

ClientSampleId :

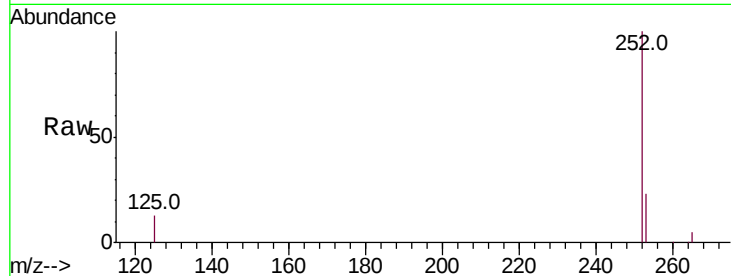
Tot Ion:252 Resp: 40132

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.4

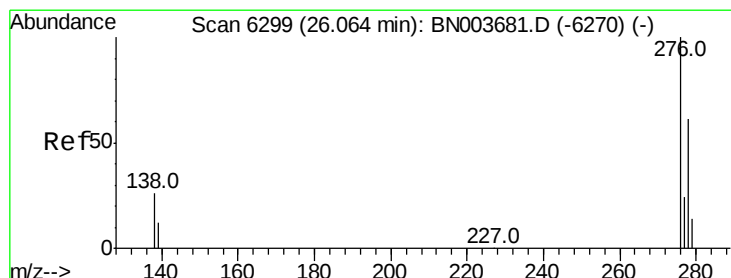
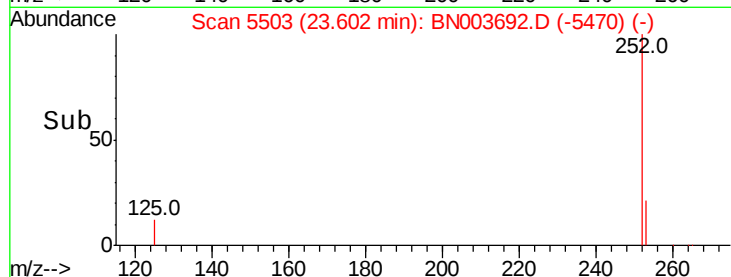
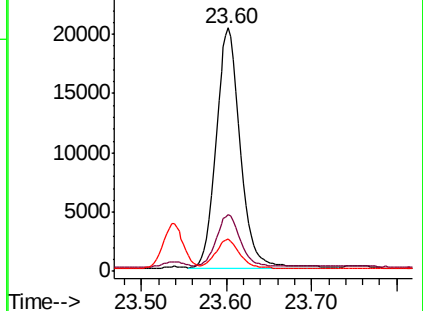
125 13.1 10.2 15.4



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: 0.352 ng/ul

RT: 26.05 min Scan# 6295

Delta R.T. -0.01 min

Lab File: BN003692.D

Acq: 04 Dec 2018 09:44

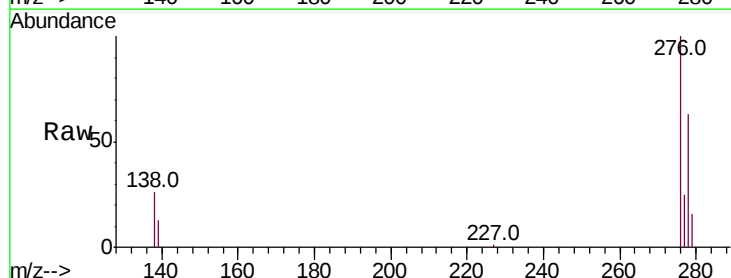
Tgt Ion:276 Resp: 43119

Ion Ratio Lower Upper

276 100

138 26.6 20.3 30.5

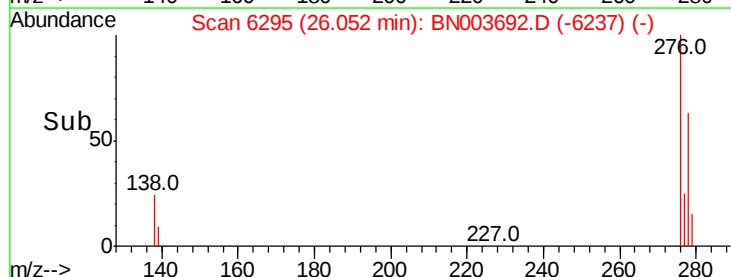
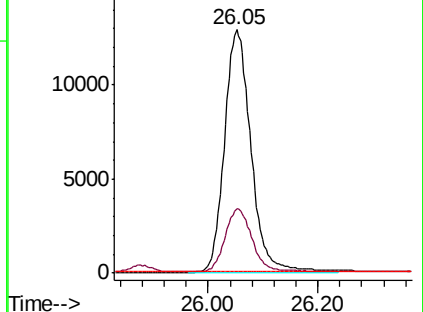
227 0.2 0.2 0.2

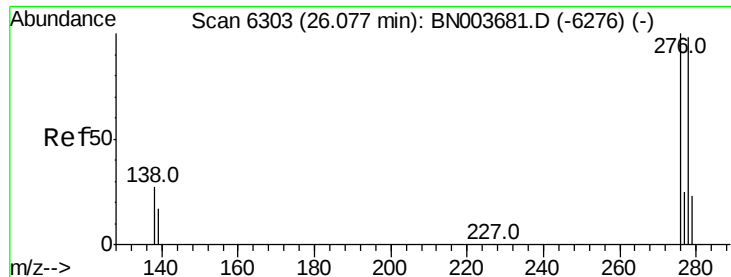


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



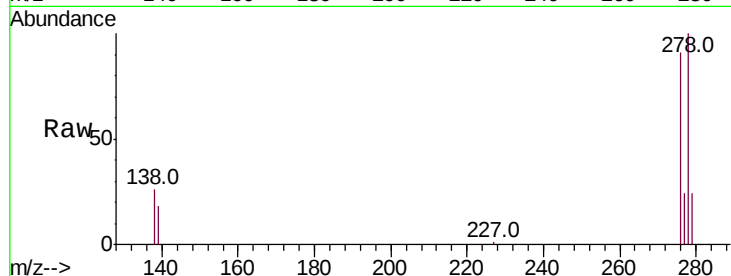


#25
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003692.D
Acq: 04 Dec 2018 09:44

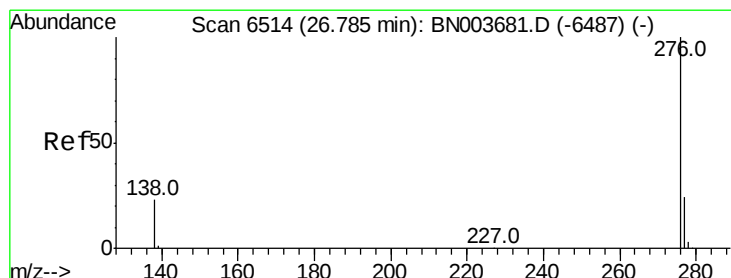
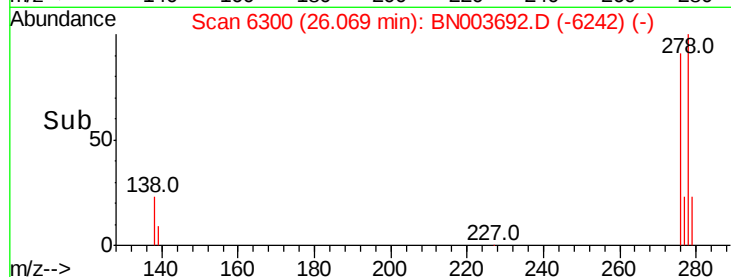
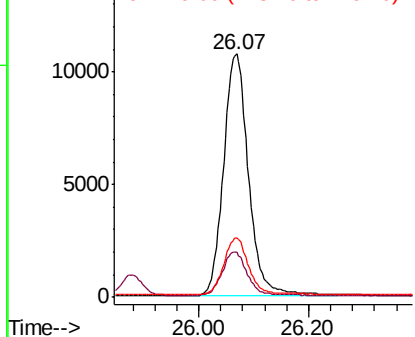
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 34030

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.4
279	24.2	19.8	29.6



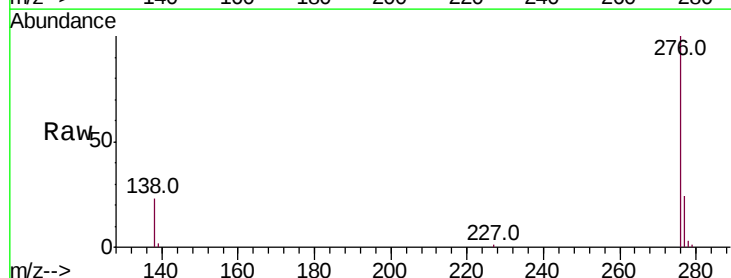
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. -0.01 min
Lab File: BN003692.D
Acq: 04 Dec 2018 09:44

Tgt Ion:276 Resp: 36489

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.7	26.5
277	23.8	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

