

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008445.D
 Acq On : 05 Nov 2019 13:43
 Operator : JU
 Sample : SST0.805
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:50:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 10:46:19 2019
 Response via : Initial Calibration

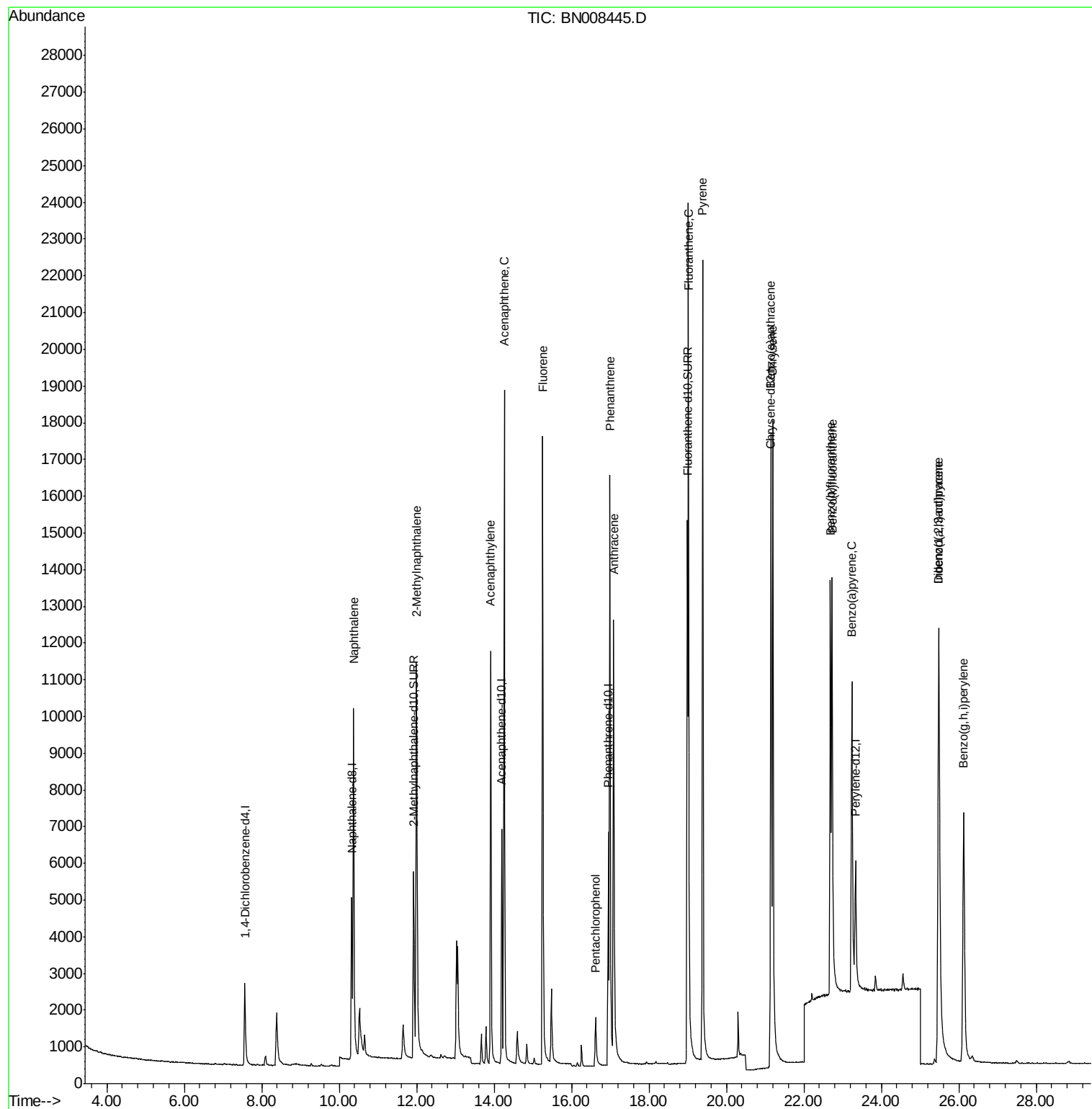
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1619	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	6941	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3844	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	8284	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	6063	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	5207	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	8500	0.73	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	18927	0.66	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	14938	0.756	ng/ul	98
5) 2-Methylnaphthalene	12.00	142	10131	0.747	ng/ul	99
7) Acenaphthylene	13.91	152	14099	0.770	ng/ul	98
8) Acenaphthene	14.26	153	11313	0.795	ng/ul	99
9) Fluorene	15.25	166	12526	0.775	ng/ul	99
11) Pentachlorophenol	16.62	266	1350	0.674	ng/ul	99
12) Phenanthrene	16.99	178	19243	0.793	ng/ul	99
13) Anthracene	17.08	178	17347	0.813	ng/ul	97
15) Fluoranthene	19.02	202	22182	0.692	ng/ul	98
17) Pyrene	19.39	202	22370	0.927	ng/ul	98
18) Benzo(a)anthracene	21.15	228	16475	0.747	ng/ul	98
19) Chrysene	21.20	228	20172	0.746	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	15196	0.896	ng/ul	82
22) Benzo(k)fluoranthene	22.73	252	17004	0.886	ng/ul#	92
23) Benzo(a)pyrene	23.24	252	14857	0.833	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.48	276	17231	0.820	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.49	278	13716	0.826	ng/ul	92
26) Benzo(g,h,i)perylene	26.13	276	15407	0.800	ng/ul	96

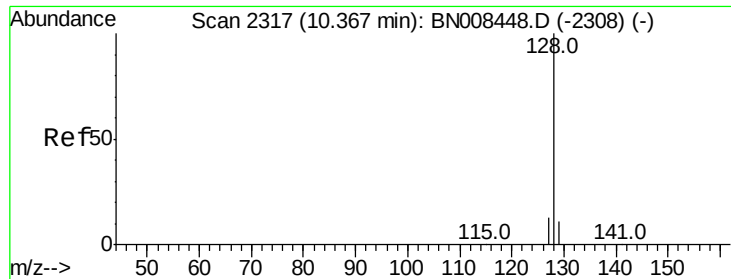
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.756 ng/ul

RT: 10.37 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

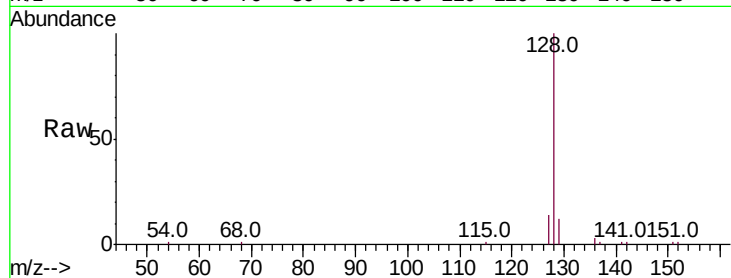
Tot Ion:128 Resp: 14938

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

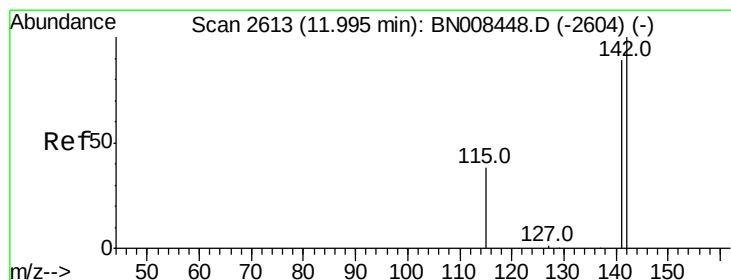
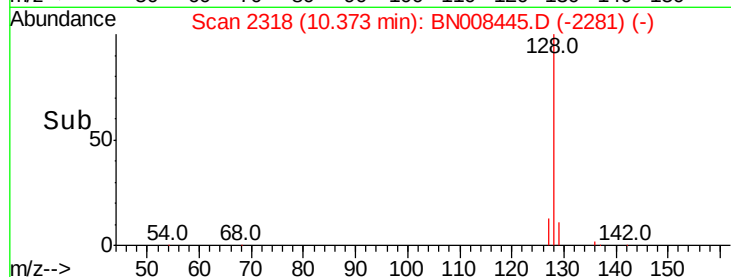
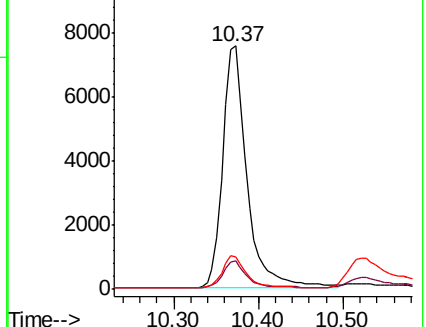
127 13.5 11.6 17.4



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: 0.747 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BN008445.D

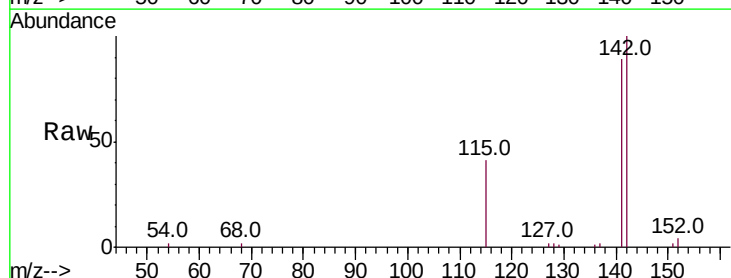
Acq: 05 Nov 2019 13:43

Tgt Ion:142 Resp: 10131

Ion Ratio Lower Upper

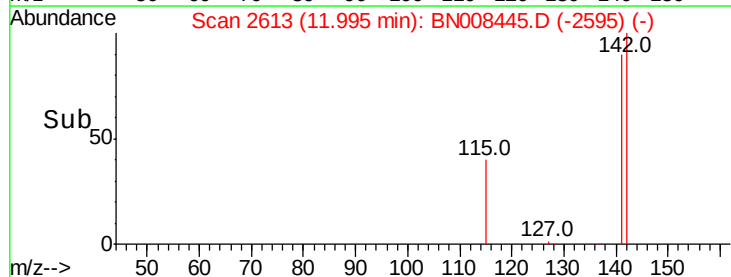
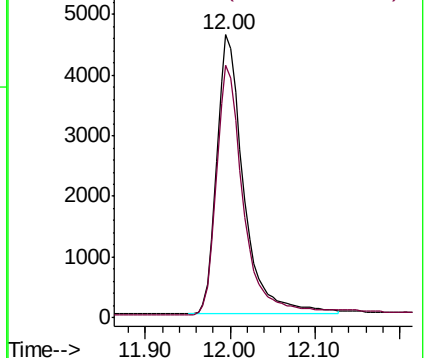
142 100

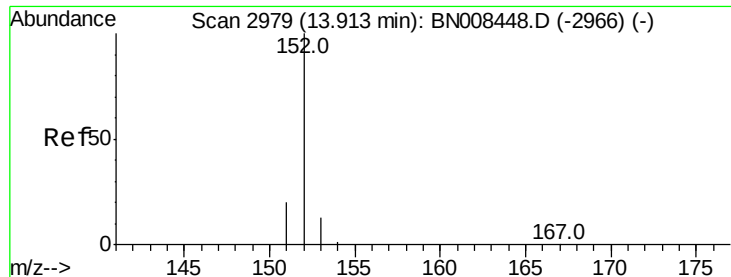
141 89.6 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.770 ng/ul

RT: 13.91 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampled :

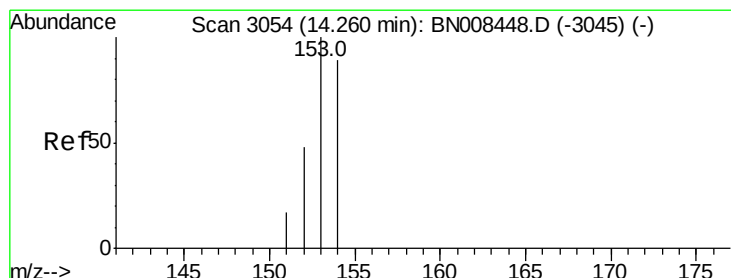
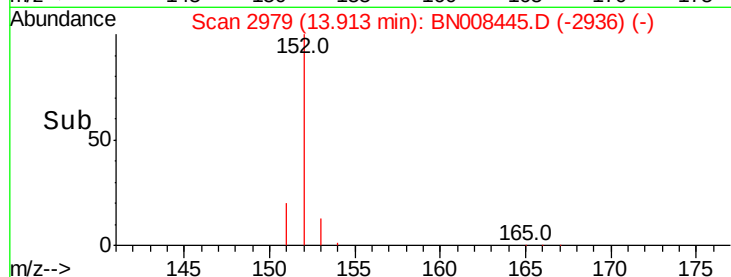
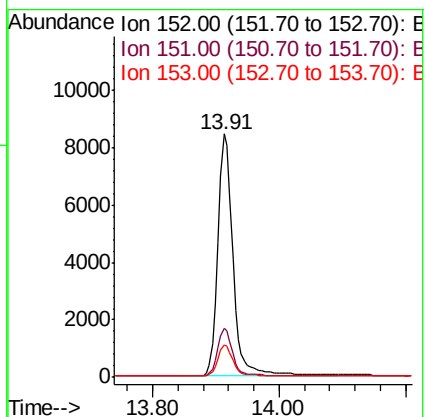
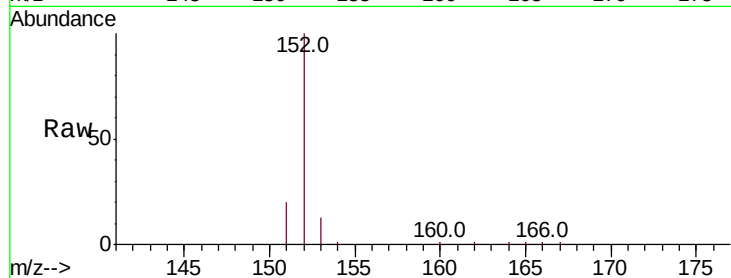
Tot Ion:152 Resp: 14099

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

153 13.5 11.4 17.2



#8

Acenaphthene

Concen: 0.795 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

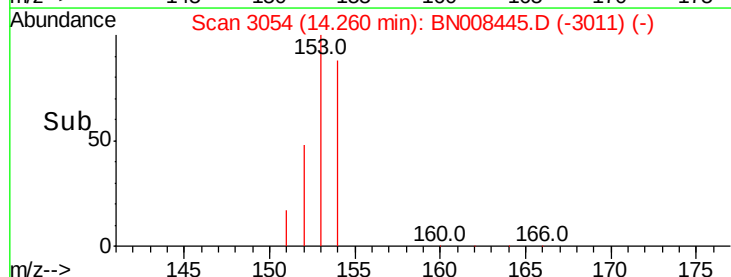
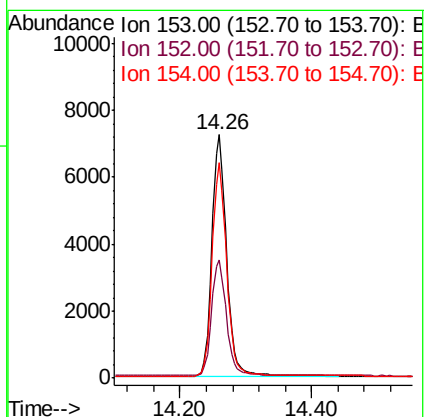
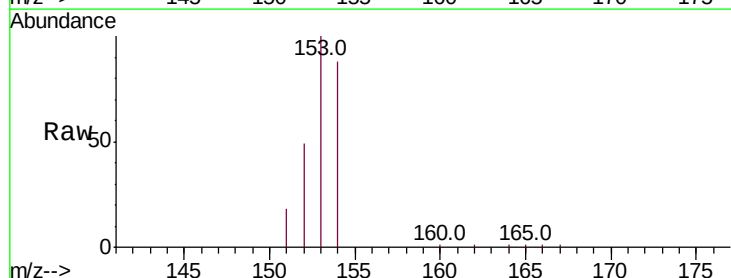
Tgt Ion:153 Resp: 11313

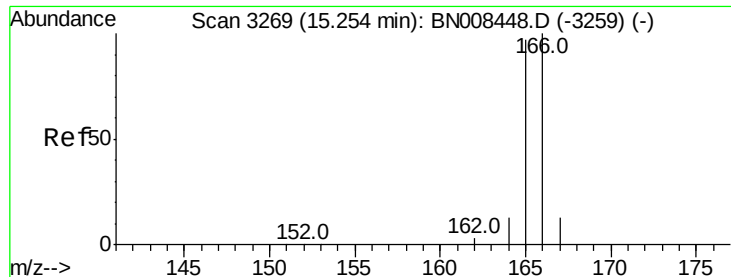
Ion Ratio Lower Upper

153 100

152 48.6 39.8 59.8

154 88.3 71.6 107.4





#9

Fluorene

Concen: 0.775 ng/ul

RT: 15.25 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

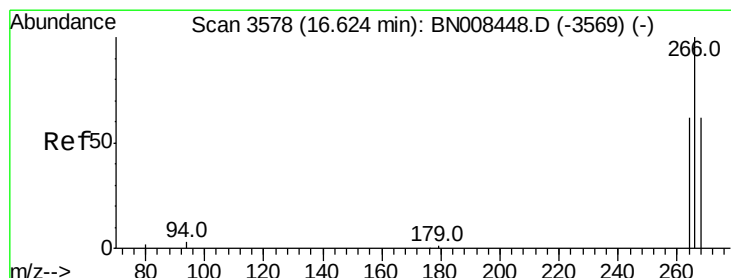
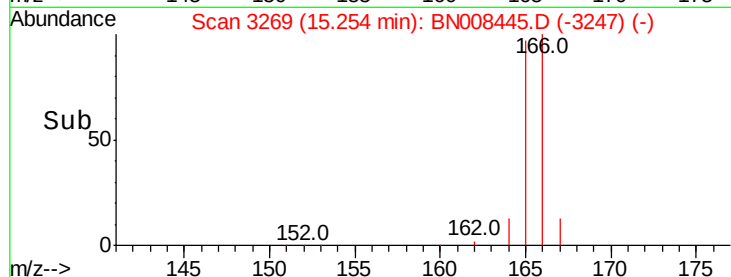
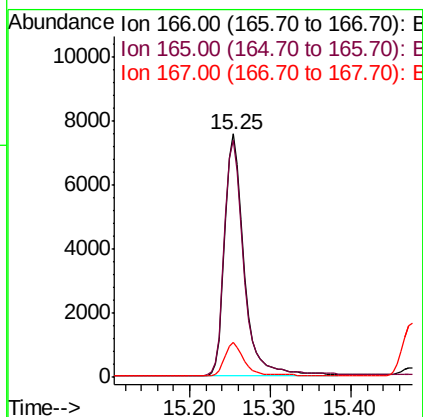
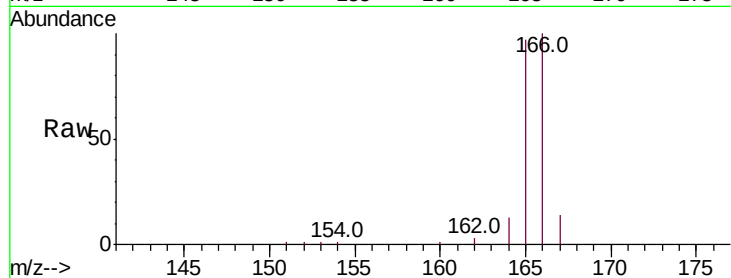
Tot Ion:166 Resp: 12526

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.2

167 14.2 12.1 18.1



#11

Pentachlorophenol

Concen: 0.674 ng/ul

RT: 16.62 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

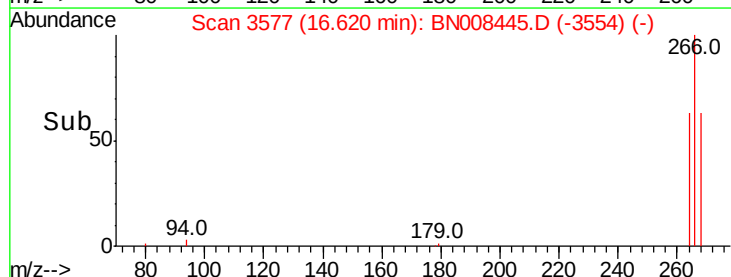
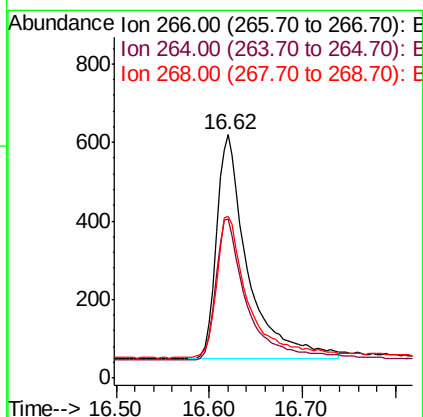
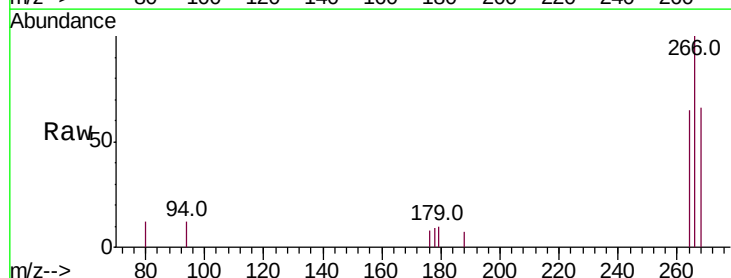
Tgt Ion:266 Resp: 1350

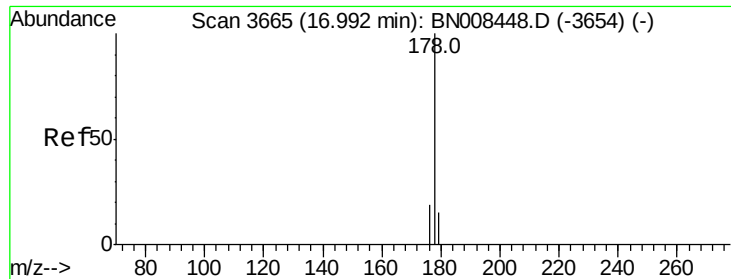
Ion Ratio Lower Upper

266 100

264 62.9 49.8 74.8

268 64.2 51.0 76.6

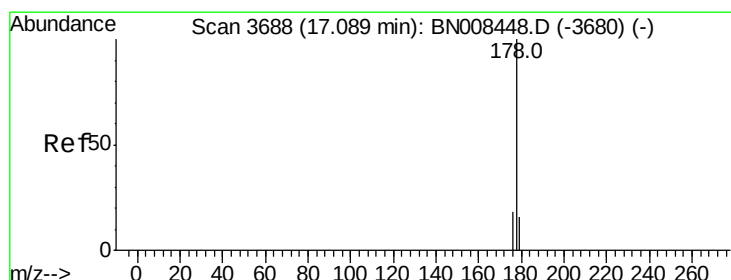
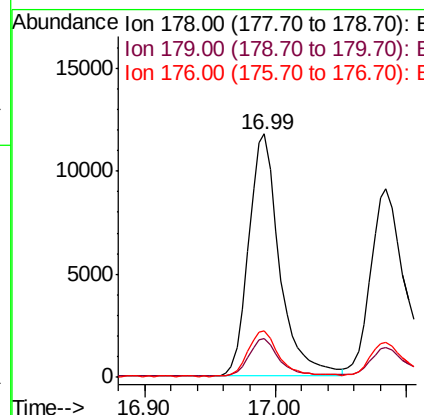
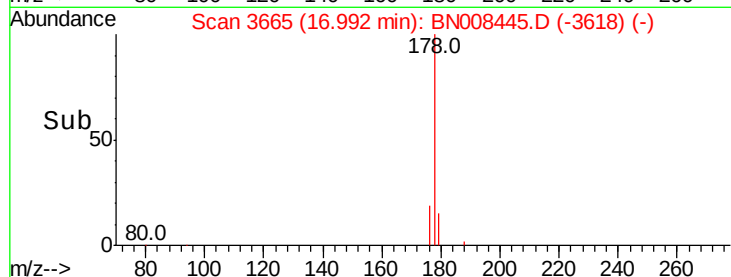
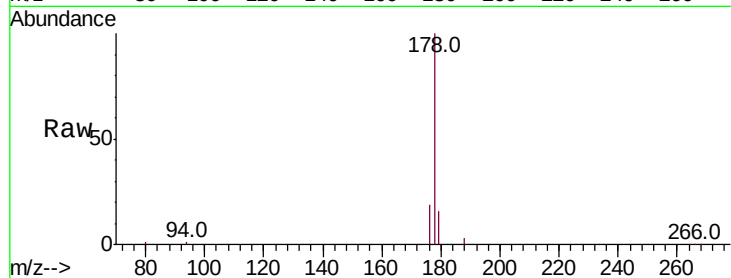




#12
Phenanthrene
Concen: 0.793 ng/ul
RT: 16.99 min Scan# 3665
Delta R.T. -0.00 min
Lab File: BN008445.D
Acq: 05 Nov 2019 13:43

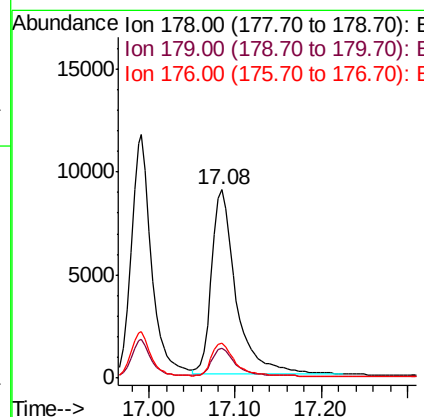
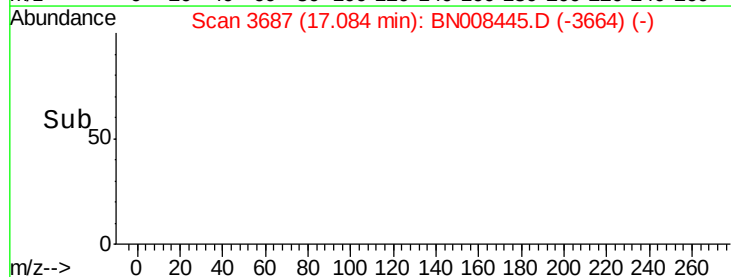
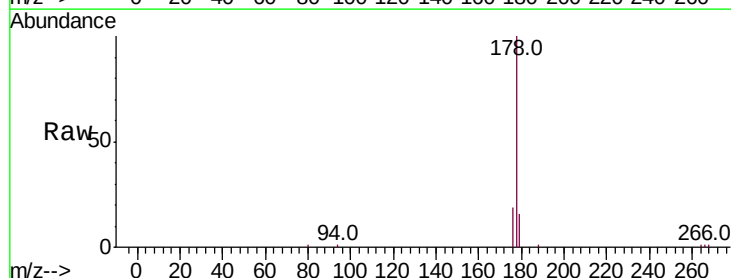
Instrument :
BNA_N
ClientSampleId :

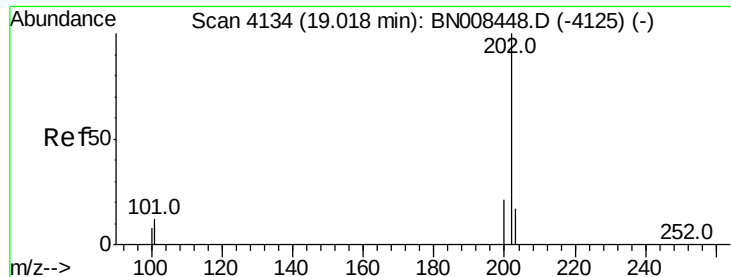
Tot Ion:178 Resp: 19243
Ion Ratio Lower Upper
178 100
179 15.7 13.2 19.8
176 19.2 15.6 23.4



#13
Anthracene
Concen: 0.813 ng/ul
RT: 17.08 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BN008445.D
Acq: 05 Nov 2019 13:43

Tgt Ion:178 Resp: 17347
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 18.6 15.7 23.5





#15

Fluoranthene

Concen: 0.692 ng/ul

RT: 19.02 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

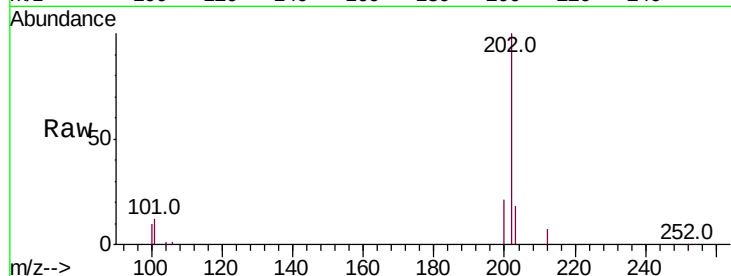
Tot Ion:202 Resp: 22182

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.0

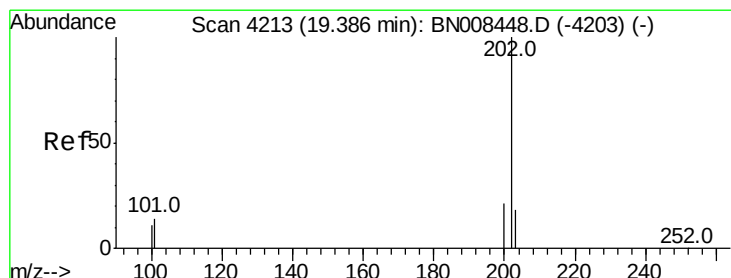
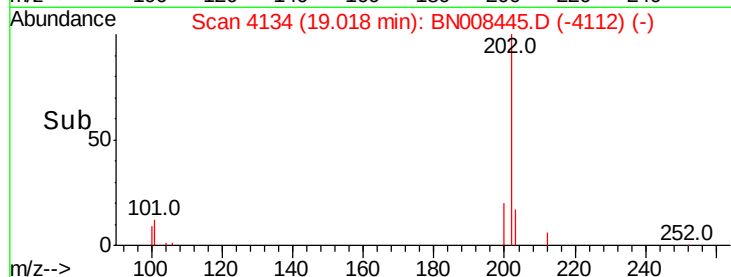
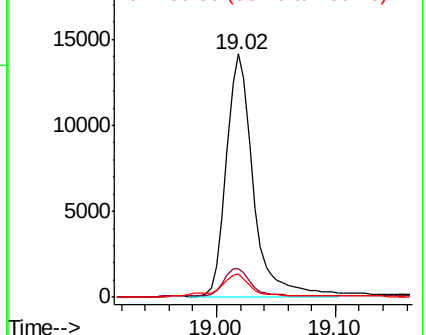
100 9.5 0.0 30.2



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: 0.927 ng/ul

RT: 19.39 min Scan# 4213

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

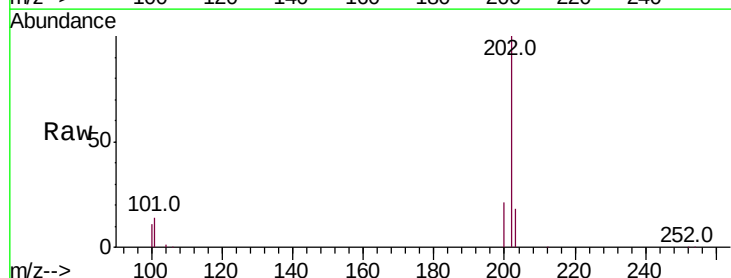
Tgt Ion:202 Resp: 22370

Ion Ratio Lower Upper

202 100

101 13.6 11.6 17.4

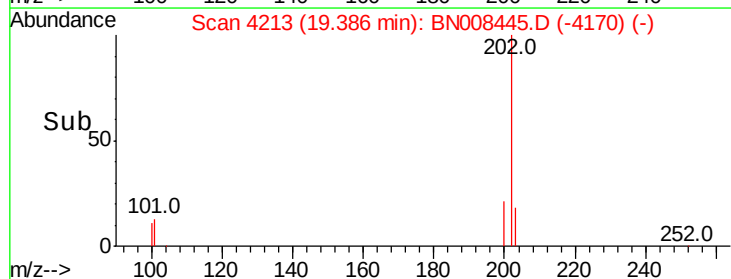
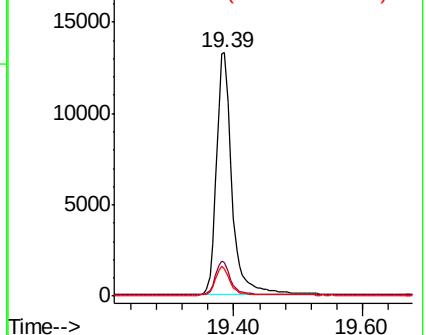
100 11.0 9.4 14.0

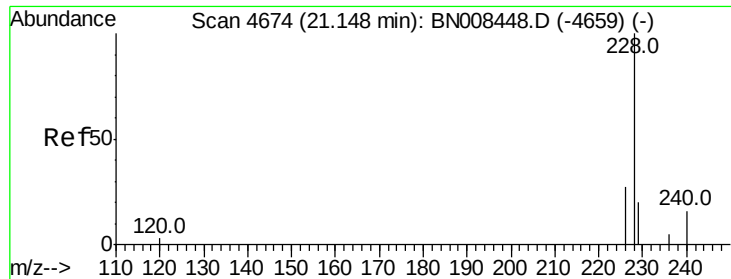


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.747 ng/ul

RT: 21.15 min Scan# 4673

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

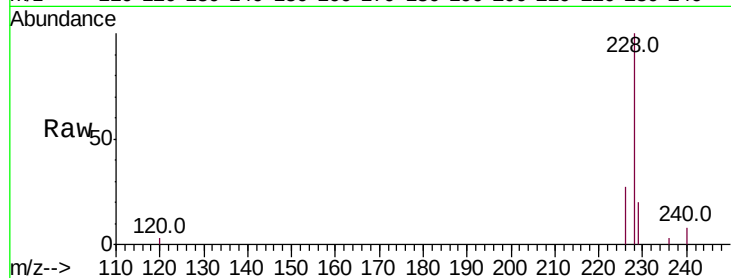
Tot Ion:228 Resp: 16475

Ion Ratio Lower Upper

228 100

229 20.2 16.6 24.8

226 27.4 22.8 34.2

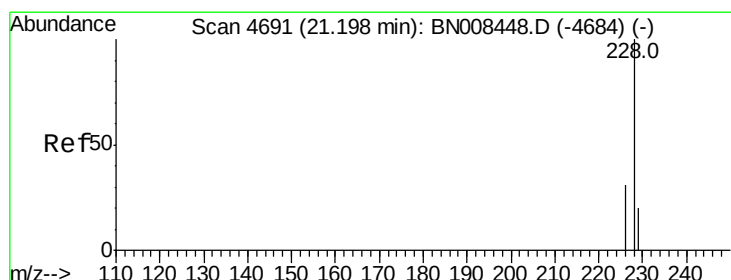
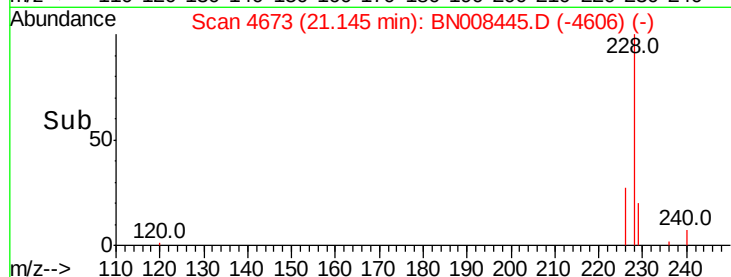
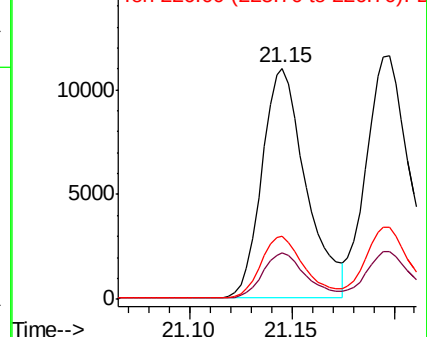


Abundance

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: 0.746 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

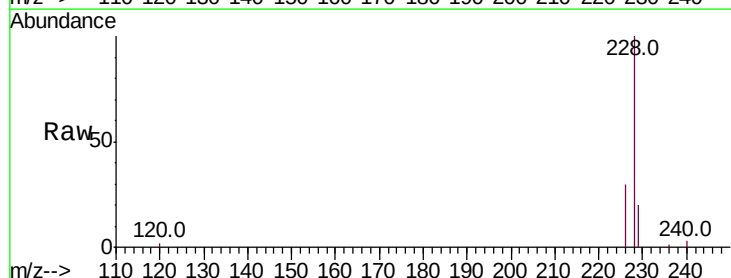
Tgt Ion:228 Resp: 20172

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

229 19.8 16.6 25.0

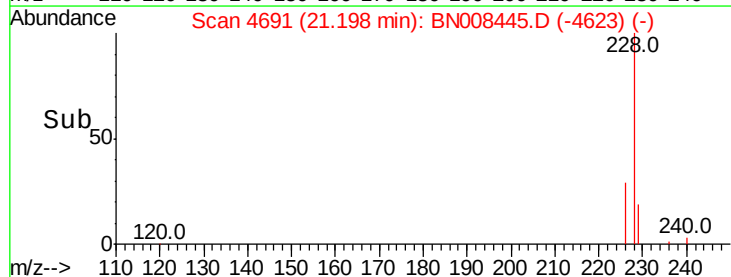
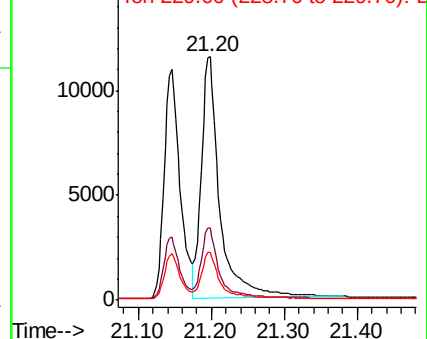


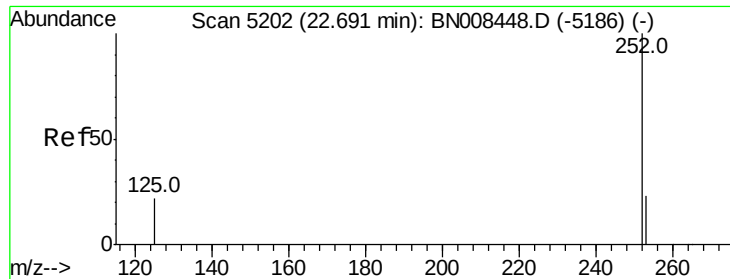
Abundance

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: 0.896 ng/ul

RT: 22.69 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

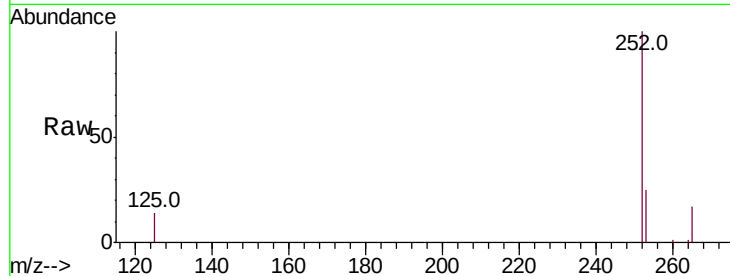
Tot Ion:252 Resp: 15196

Ion Ratio Lower Upper

252 100

253 24.8 0.0 58.4

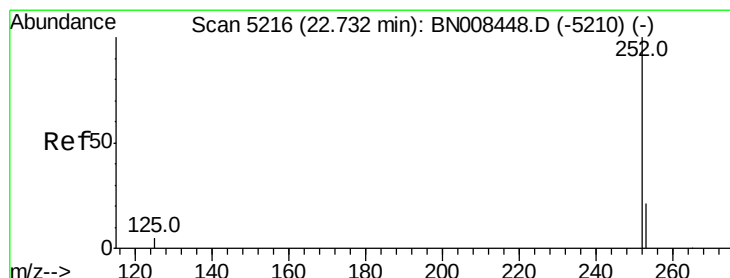
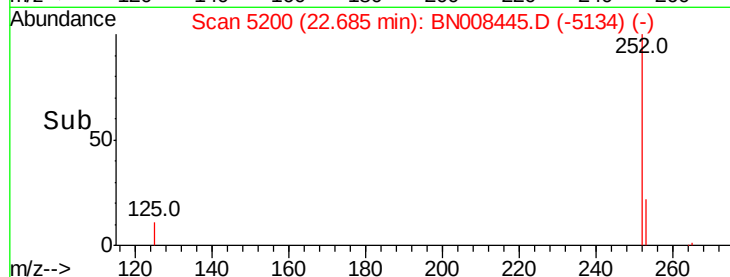
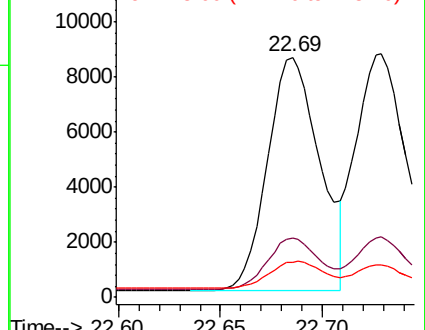
125 14.5 0.0 58.6



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



#22

Benzo(k)fluoranthene

Concen: 0.886 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

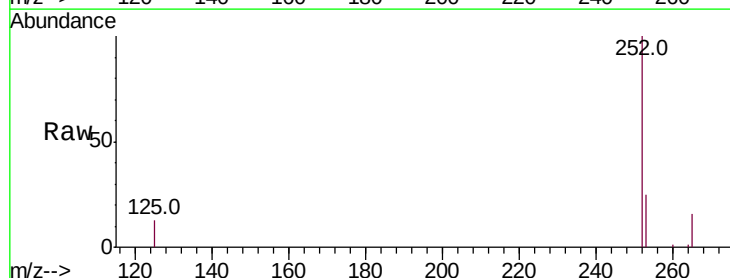
Tgt Ion:252 Resp: 17004

Ion Ratio Lower Upper

252 100

253 25.0 22.6 34.0

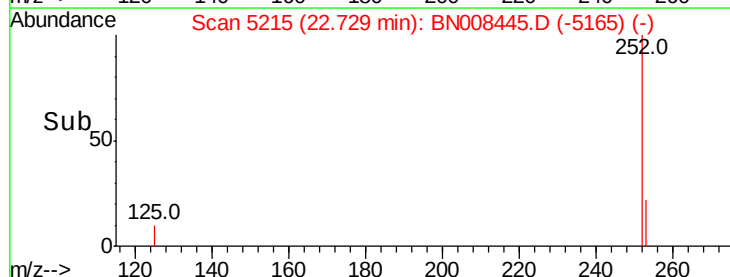
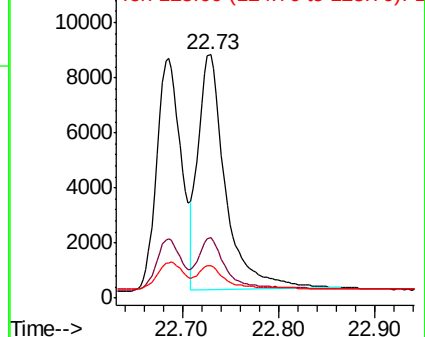
125 13.5 14.7 22.1#

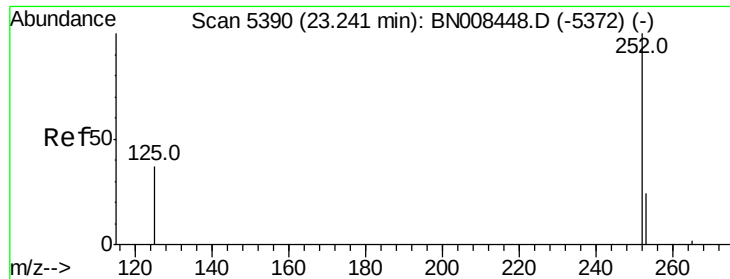


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.833 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.00 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

Instrument :

BNA_N

ClientSampleId :

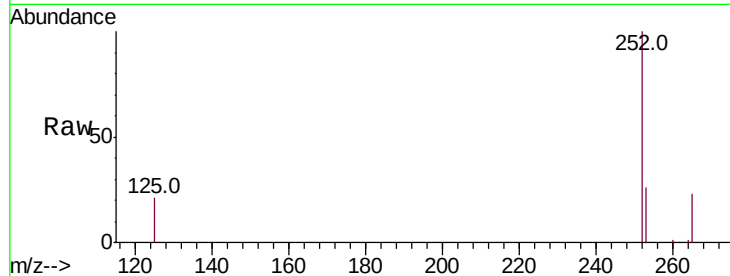
Tot Ion:252 Resp: 14857

Ion Ratio Lower Upper

252 100

253 26.5 27.2 40.8#

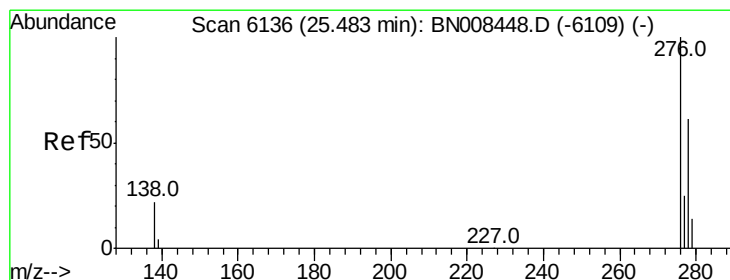
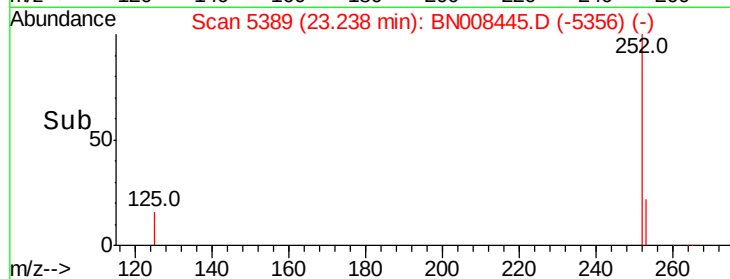
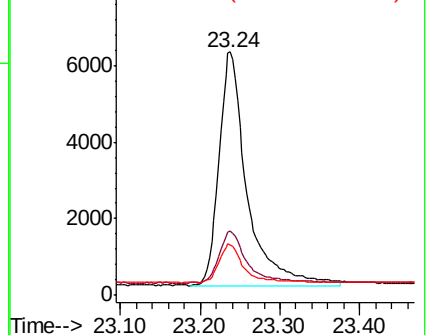
125 20.8 37.0 55.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.820 ng/ul

RT: 25.48 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BN008445.D

Acq: 05 Nov 2019 13:43

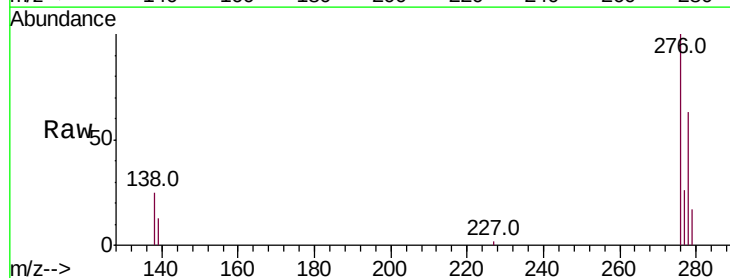
Tgt Ion:276 Resp: 17231

Ion Ratio Lower Upper

276 100

138 24.5 18.3 27.5

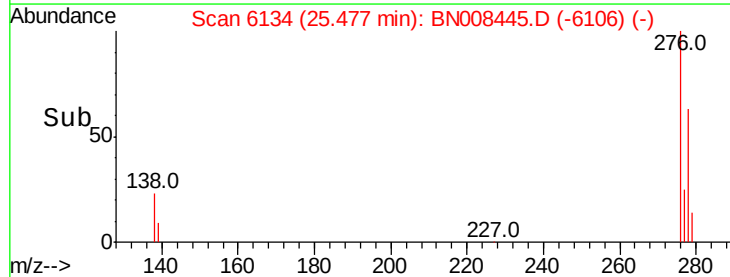
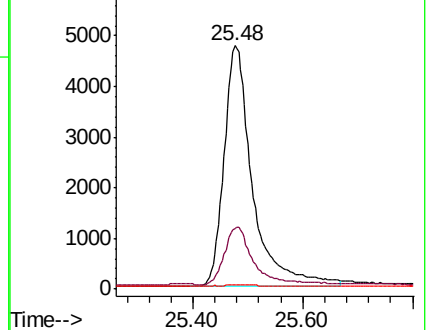
227 0.2 0.0 0.0#

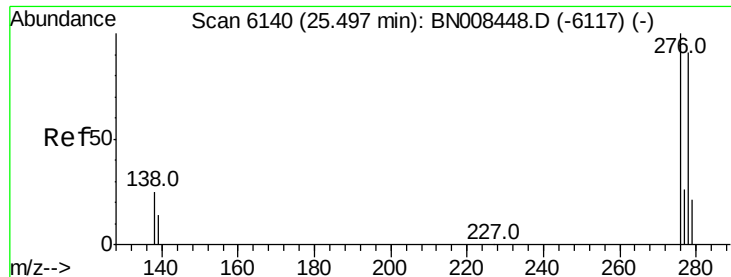


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



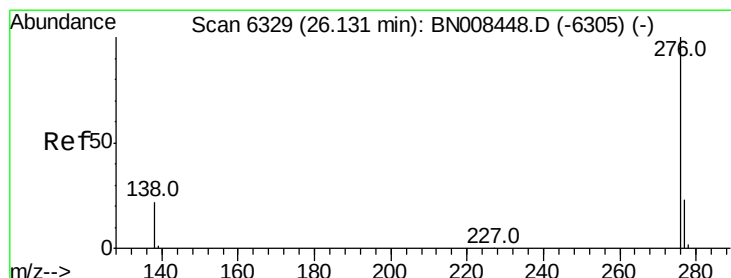
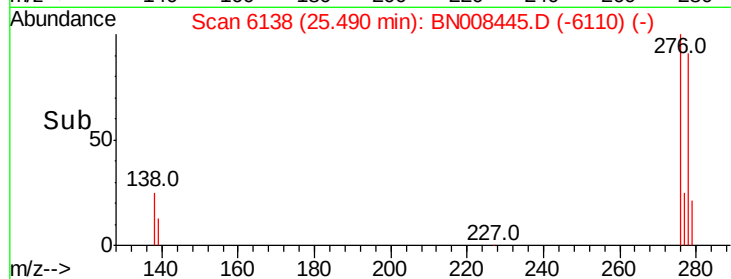
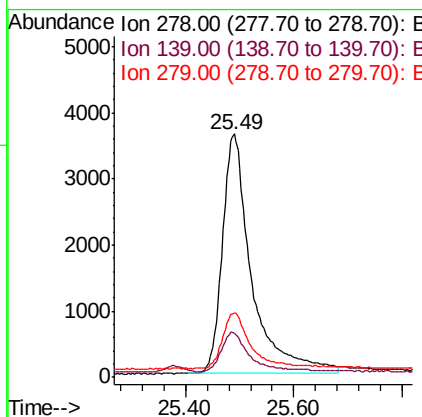
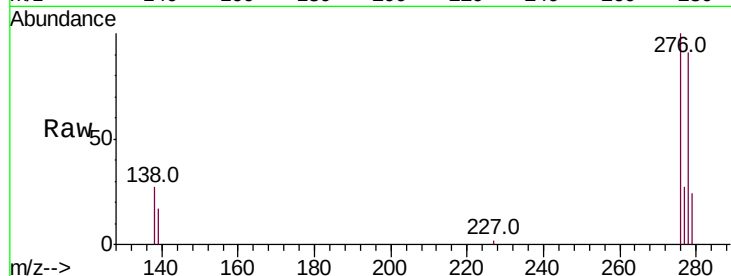


#25
Dibenzo(a,h)anthracene
Concen: 0.826 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008445.D
Acq: 05 Nov 2019 13:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 13716

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.6	26.4
279	26.5	25.1	37.7



#26
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 26.13 min Scan# 6328
Delta R.T. -0.00 min
Lab File: BN008445.D
Acq: 05 Nov 2019 13:43

Tgt Ion:276 Resp: 15407

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.1	30.1
277	24.7	20.6	31.0

