

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006220.D
 Acq On : 10 Jun 2019 13:41
 Operator : JU/SJ
 Sample : K3016-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4136	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7480	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14436	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11802	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12990	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7754	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15643	0.40	ng/ul	0.00

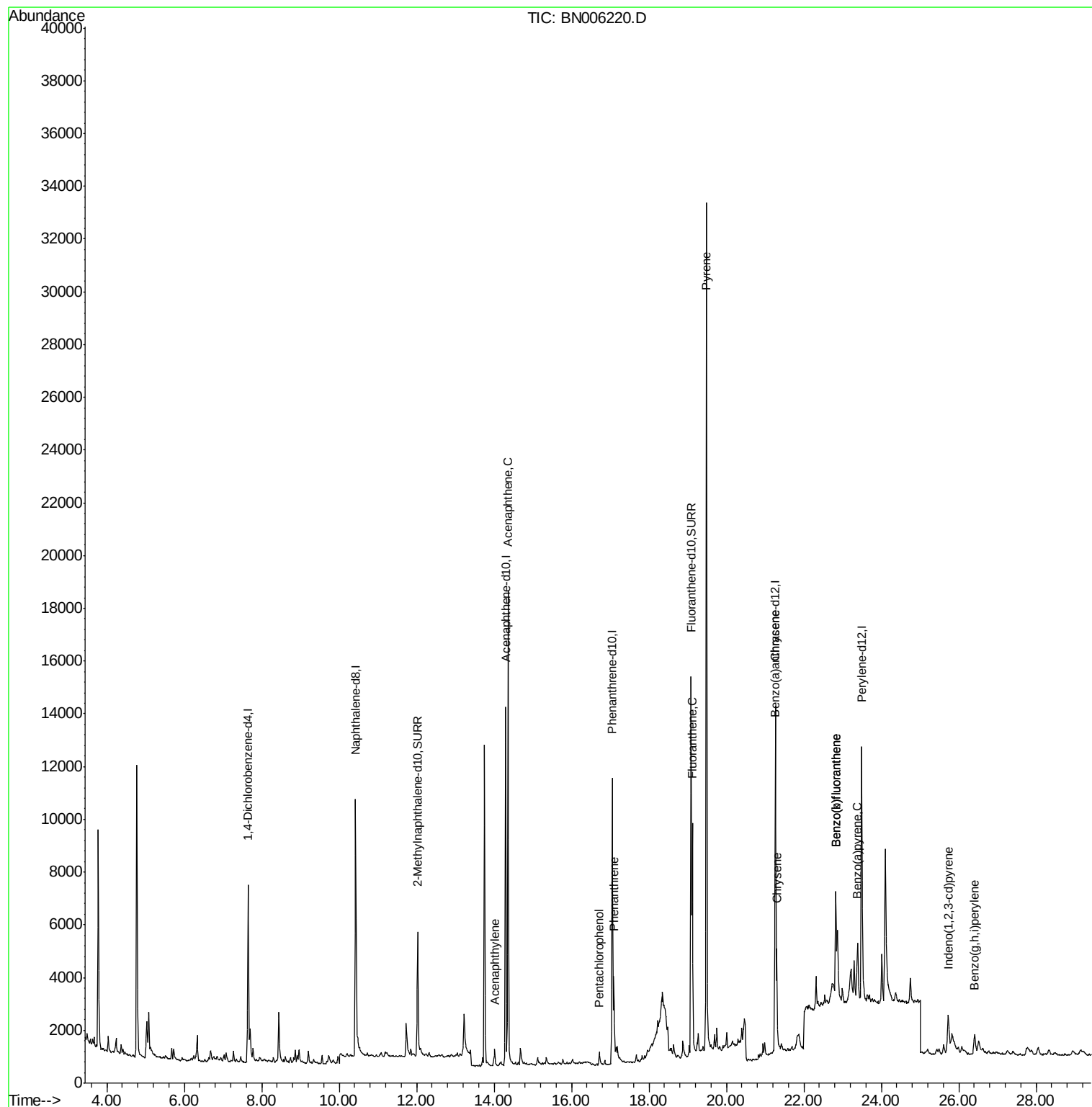
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	838	0.020	ng/ul#	78
8) Acenaphthene	14.36	153	10635	0.369	ng/ul	99
11) Pentachlorophenol	16.71	266	495	0.135	ng/ul	97
12) Phenanthrene	17.09	178	3504	0.076	ng/ul#	93
15) Fluoranthene	19.12	202	7343	0.144	ng/ul	91
17) Pyrene	19.49	202	27990	0.450	ng/ul	99
18) Benzo(a)anthracene	21.25	228	2729	0.052	ng/ul#	84
19) Chrysene	21.30	228	3596	0.073	ng/ul#	93
21) Benzo(b)fluoranthene	22.83	252	7469	0.138	ng/ul#	30
22) Benzo(k)fluoranthene	22.83	252	7469	0.142	ng/ul#	28
23) Benzo(a)pyrene	23.40	252	2664	0.053	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.73	276	2380	0.044	ng/ul#	50
26) Benzo(g,h,i)perylene	26.41	276	1784	0.039	ng/ul#	66

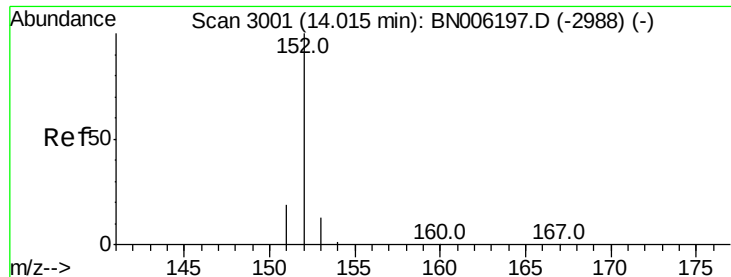
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 09 05:10:30 2019
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#7

Acenaphthylene

Concen: 0.020 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

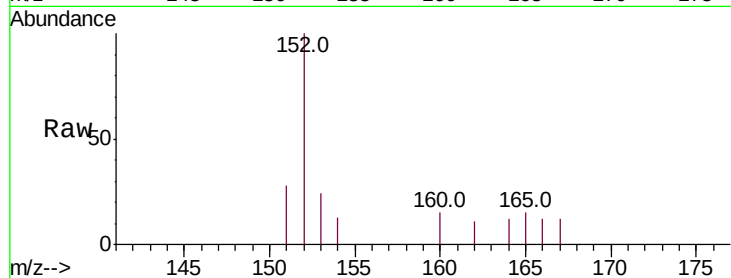
Tot Ion:152 Resp: 838

Ion Ratio Lower Upper

152 100

151 28.4 15.8 23.8#

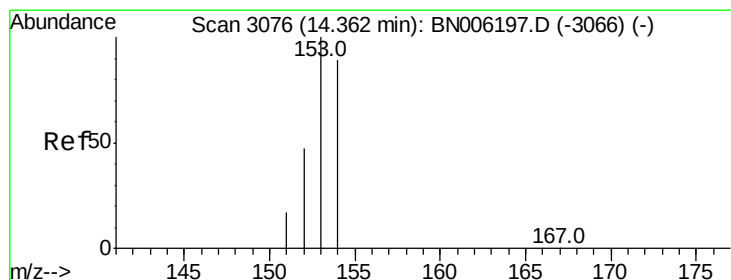
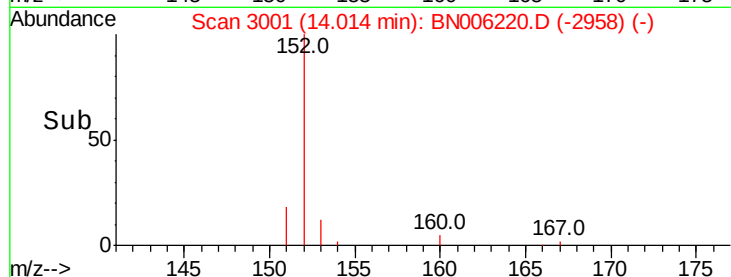
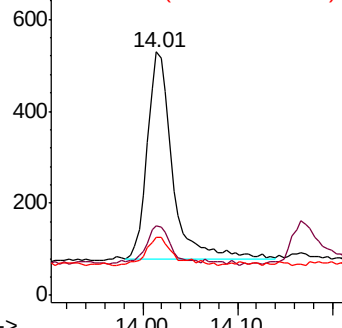
153 23.8 10.8 16.2#



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: 0.369 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

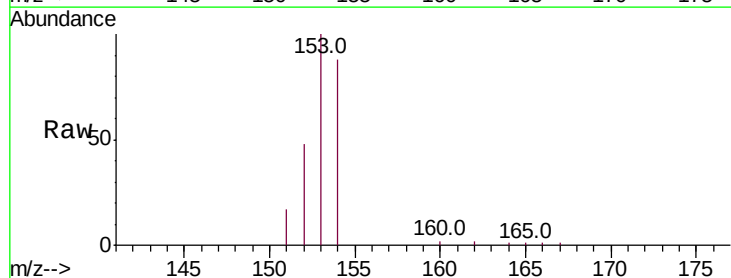
Tgt Ion:153 Resp: 10635

Ion Ratio Lower Upper

153 100

152 48.4 39.1 58.7

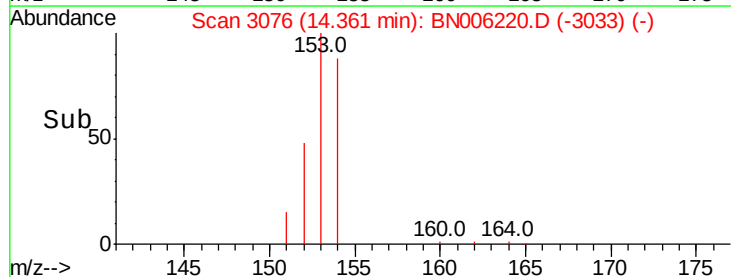
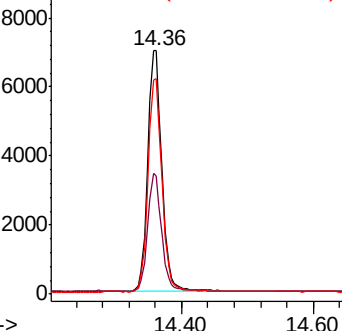
154 88.5 71.1 106.7

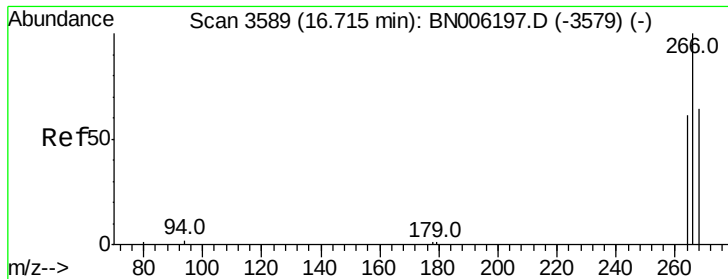


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

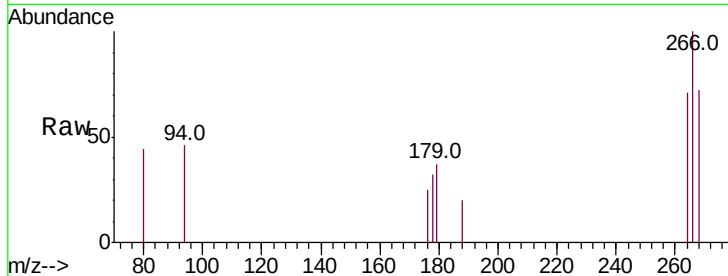




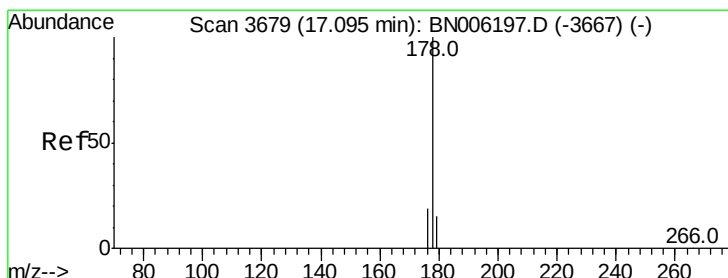
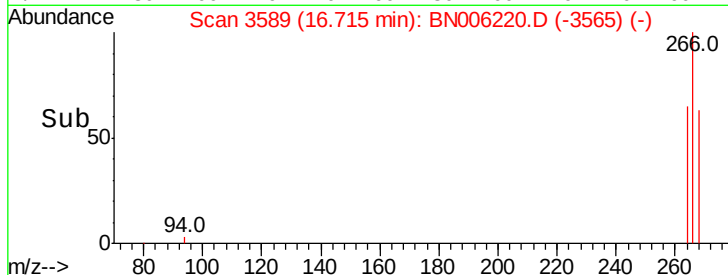
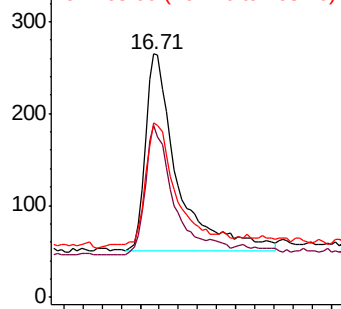
#11
 Pentachlorophenol
 Concen: 0.135 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. -0.00 min
 Lab File: BN006220.D
 Acq: 10 Jun 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 495
 Ion Ratio Lower Upper
 266 100
 264 61.0 50.3 75.5
 268 67.3 51.3 76.9

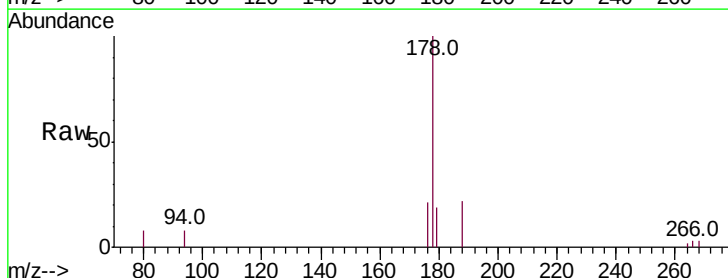


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

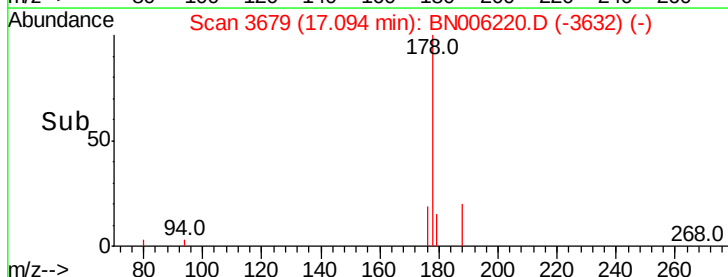
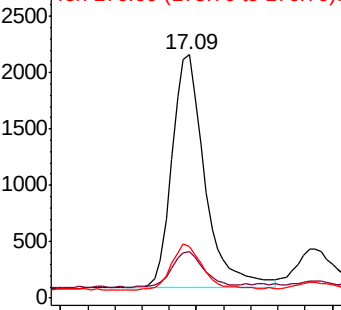


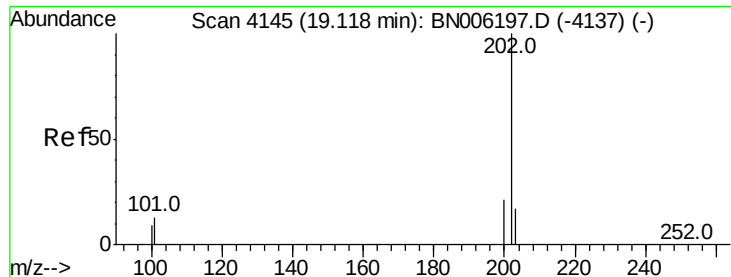
#12
 Phenanthrene
 Concen: 0.076 ng/ul
 RT: 17.09 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN006220.D
 Acq: 10 Jun 2019 13:41

Tgt Ion:178 Resp: 3504
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.3 18.5#
 176 21.3 15.3 22.9



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: 0.144 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

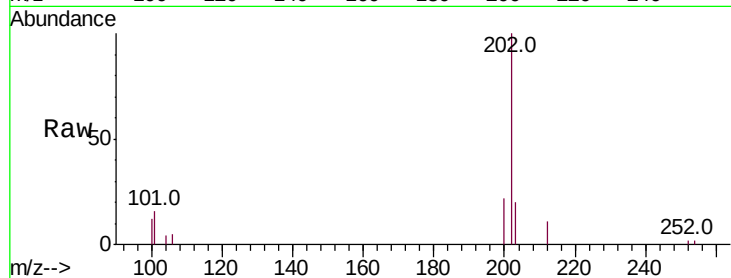
Tot Ion:202 Resp: 7343

Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.1

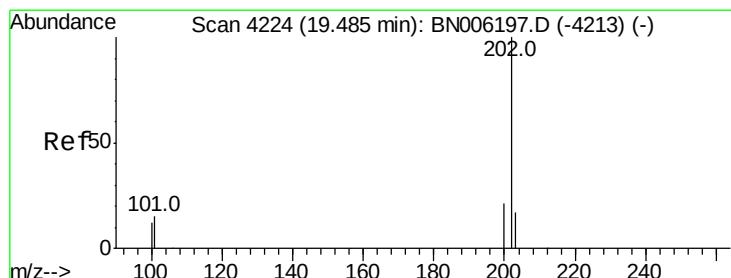
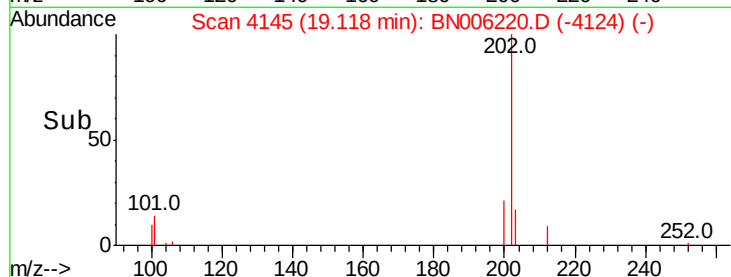
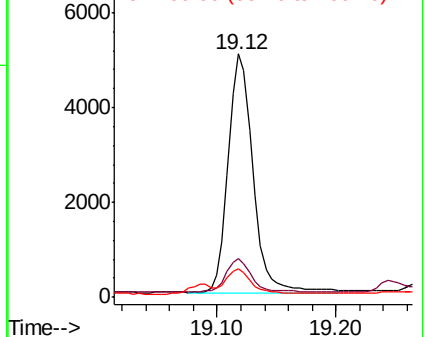
100 11.7 0.0 28.7



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: 0.450 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

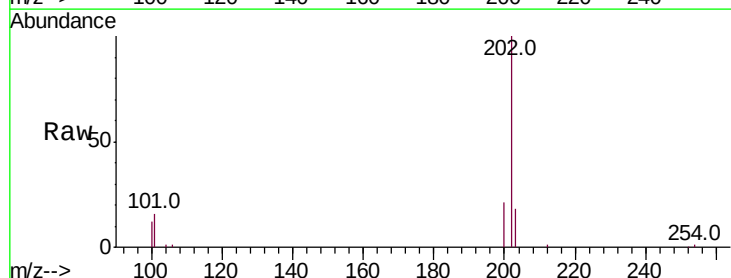
Tgt Ion:202 Resp: 27990

Ion Ratio Lower Upper

202 100

101 15.8 12.2 18.2

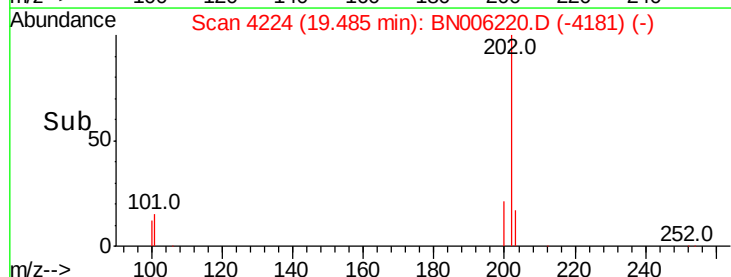
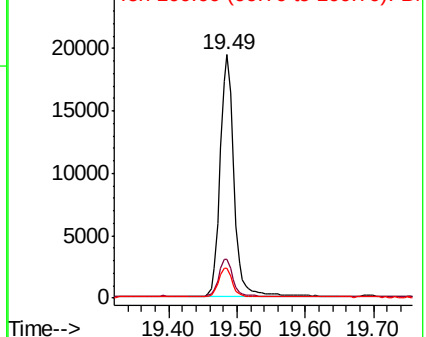
100 12.3 9.8 14.6

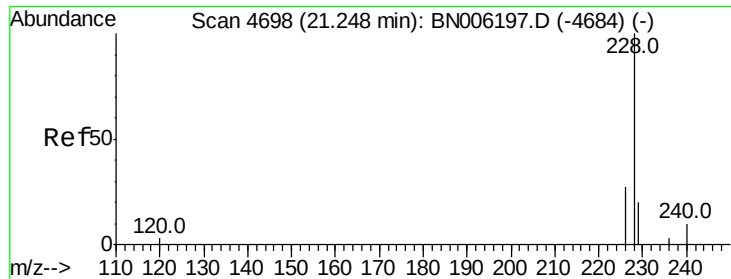


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.052 ng/ul

RT: 21.25 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

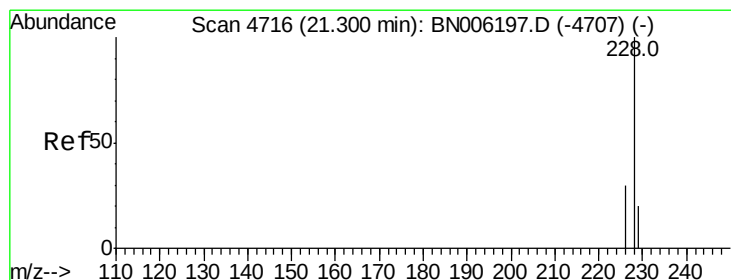
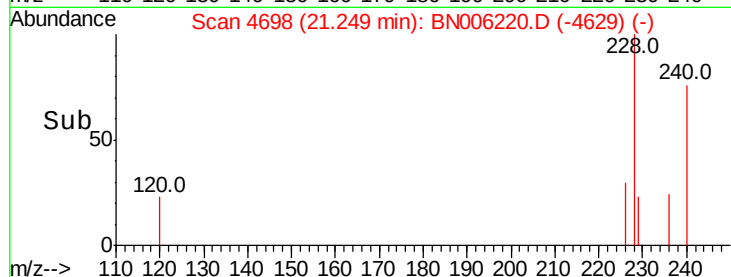
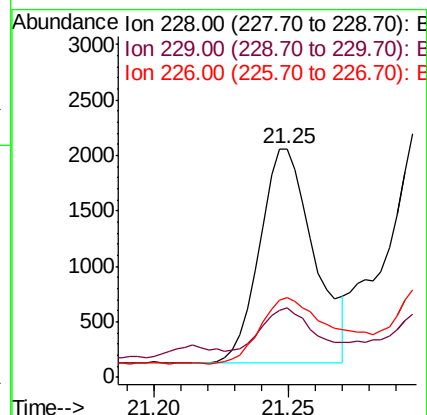
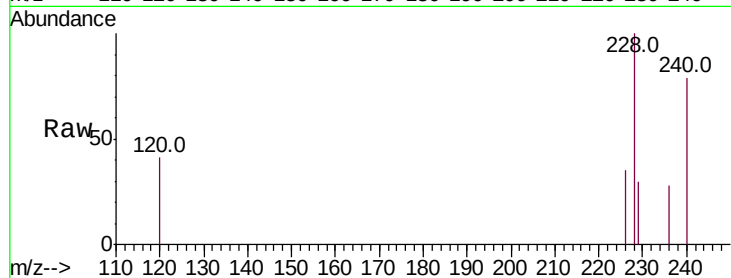
Tot Ion:228 Resp: 2729

Ion Ratio Lower Upper

228 100

229 30.5 16.5 24.7#

226 35.0 22.8 34.2#



#19

Chrysene

Concen: 0.073 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

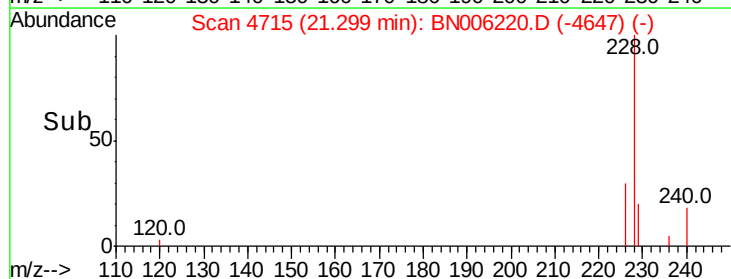
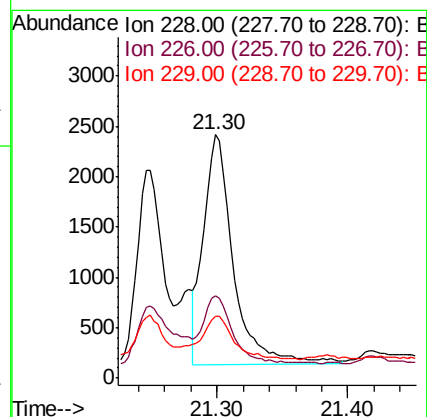
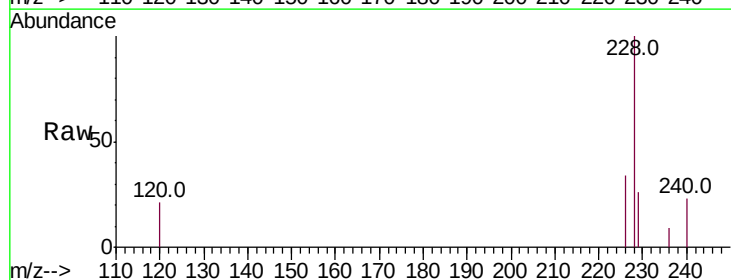
Tgt Ion:228 Resp: 3596

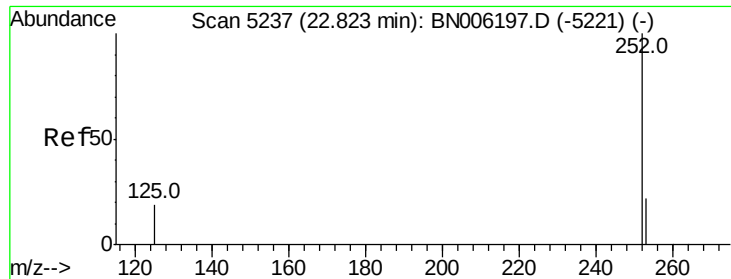
Ion Ratio Lower Upper

228 100

226 33.7 25.0 37.6

229 25.6 16.3 24.5#





#21

Benzo(b)fluoranthene

Concen: 0.138 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

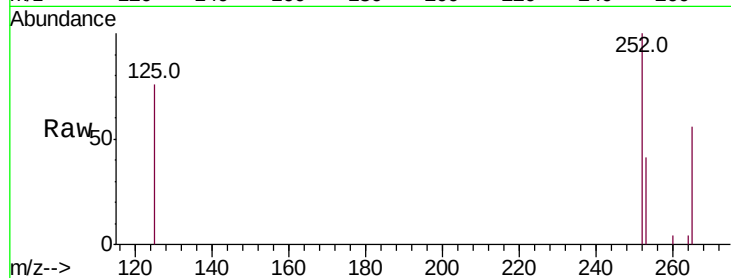
Tot Ion:252 Resp: 7469

Ion Ratio Lower Upper

252 100

253 40.7 0.0 51.4

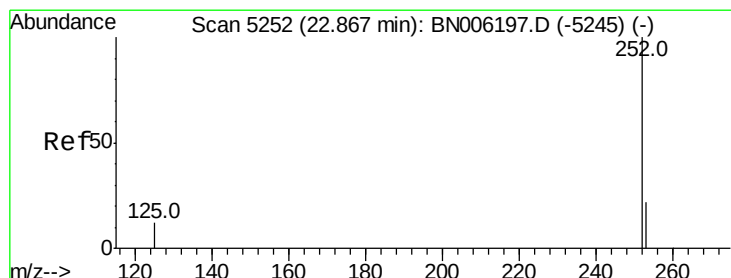
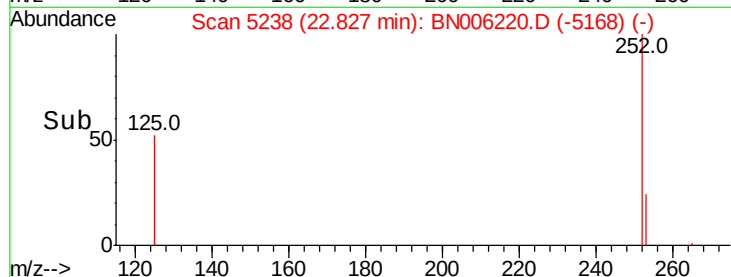
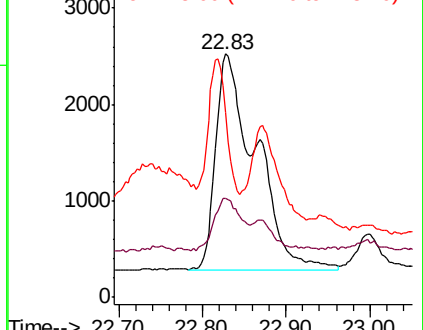
125 76.0 0.0 41.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.142 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.04 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

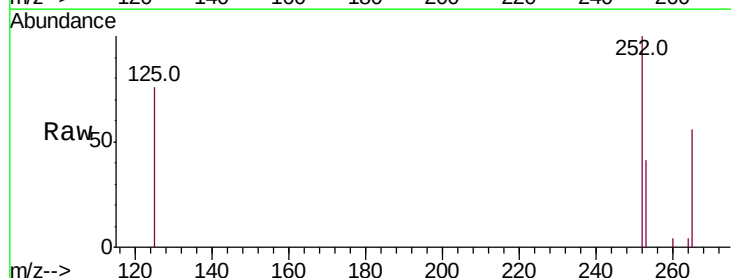
Tgt Ion:252 Resp: 7469

Ion Ratio Lower Upper

252 100

253 40.7 20.3 30.5#

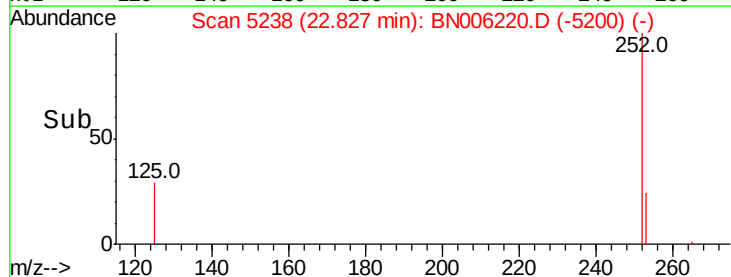
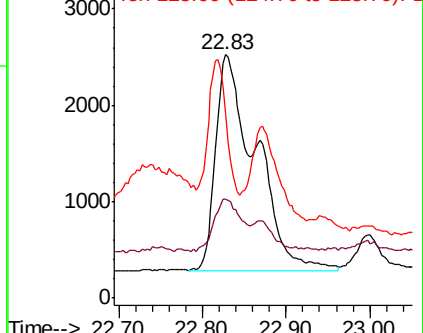
125 76.0 14.3 21.5#

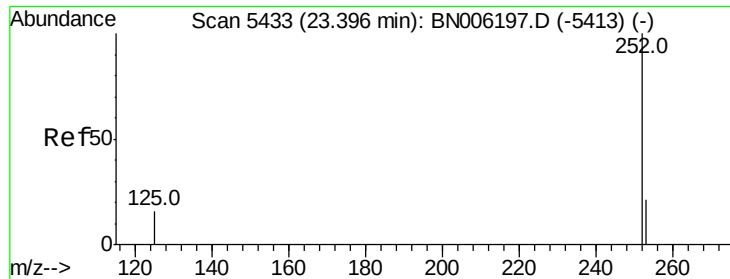


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.053 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. 0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

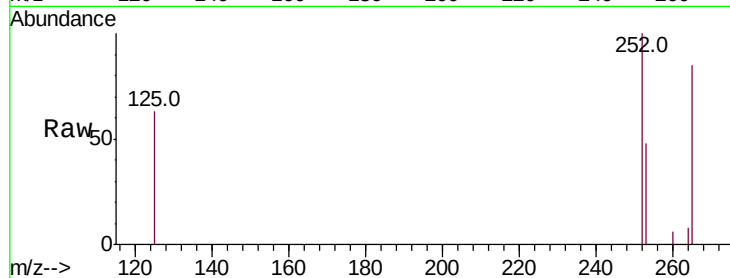
Tot Ion:252 Resp: 2664

Ion Ratio Lower Upper

252 100

253 48.4 21.1 31.7#

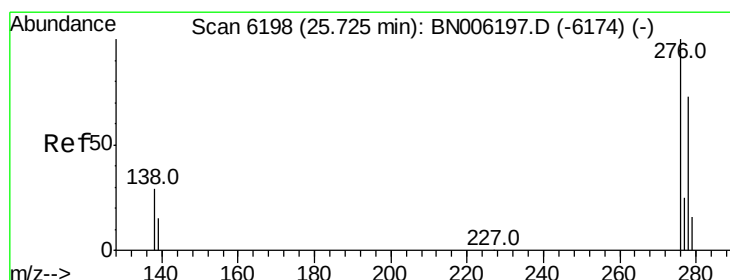
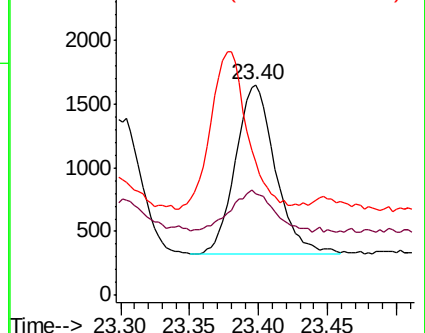
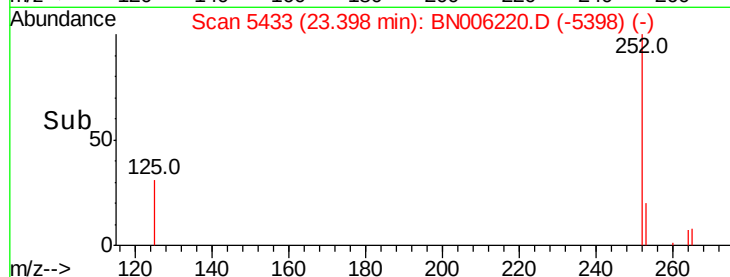
125 63.5 20.3 30.5#



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: 0.044 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. 0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

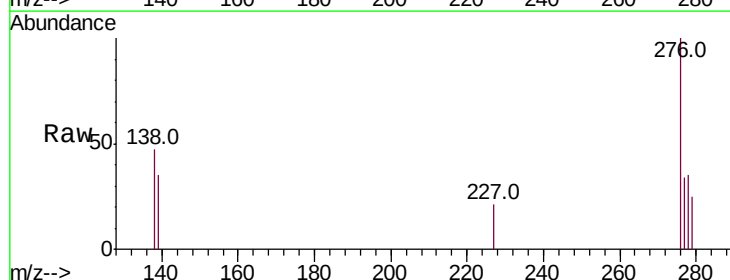
Tgt Ion:276 Resp: 2380

Ion Ratio Lower Upper

276 100

138 60.1 25.6 38.4#

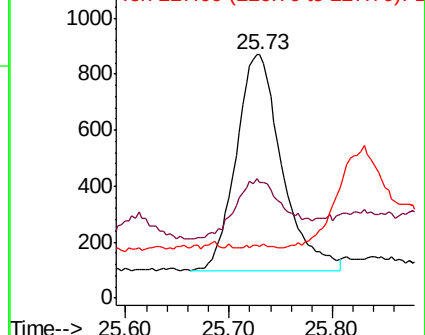
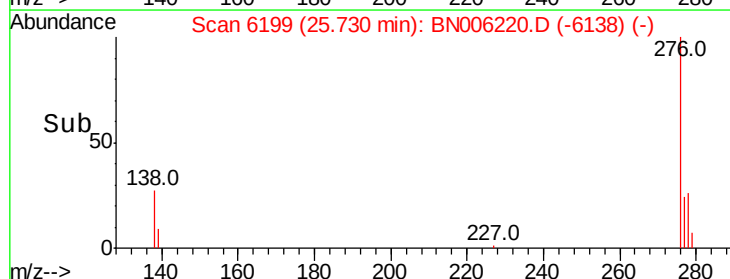
227 0.0 0.3 0.5#

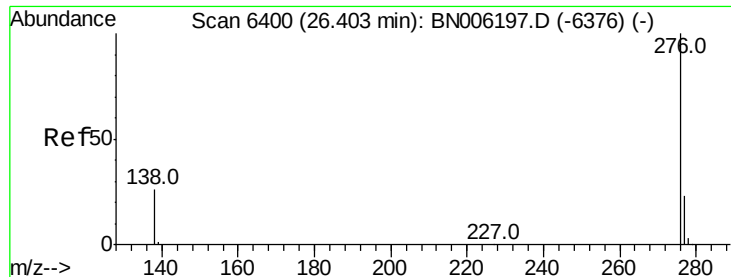


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.039 ng/ul

RT: 26.41 min Scan# 6401

Delta R.T. 0.00 min

Lab File: BN006220.D

Acq: 10 Jun 2019 13:41

Instrument :

BNA_N

ClientSampleId :

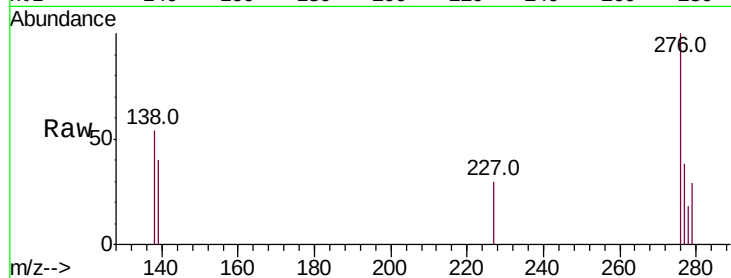
Tot Ion:276 Resp: 1784

Ion Ratio Lower Upper

276 100

138 54.3 24.2 36.4#

277 38.3 21.5 32.3#



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

