

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN006995.D
 Acq On : 07 Aug 2019 19:45
 Operator : HP/JU
 Sample : K3893-02DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 04:52:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6838	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	27740	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	17649	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	44709	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	39817	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	35827	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1004	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3043	0.02	ng/ul	0.00

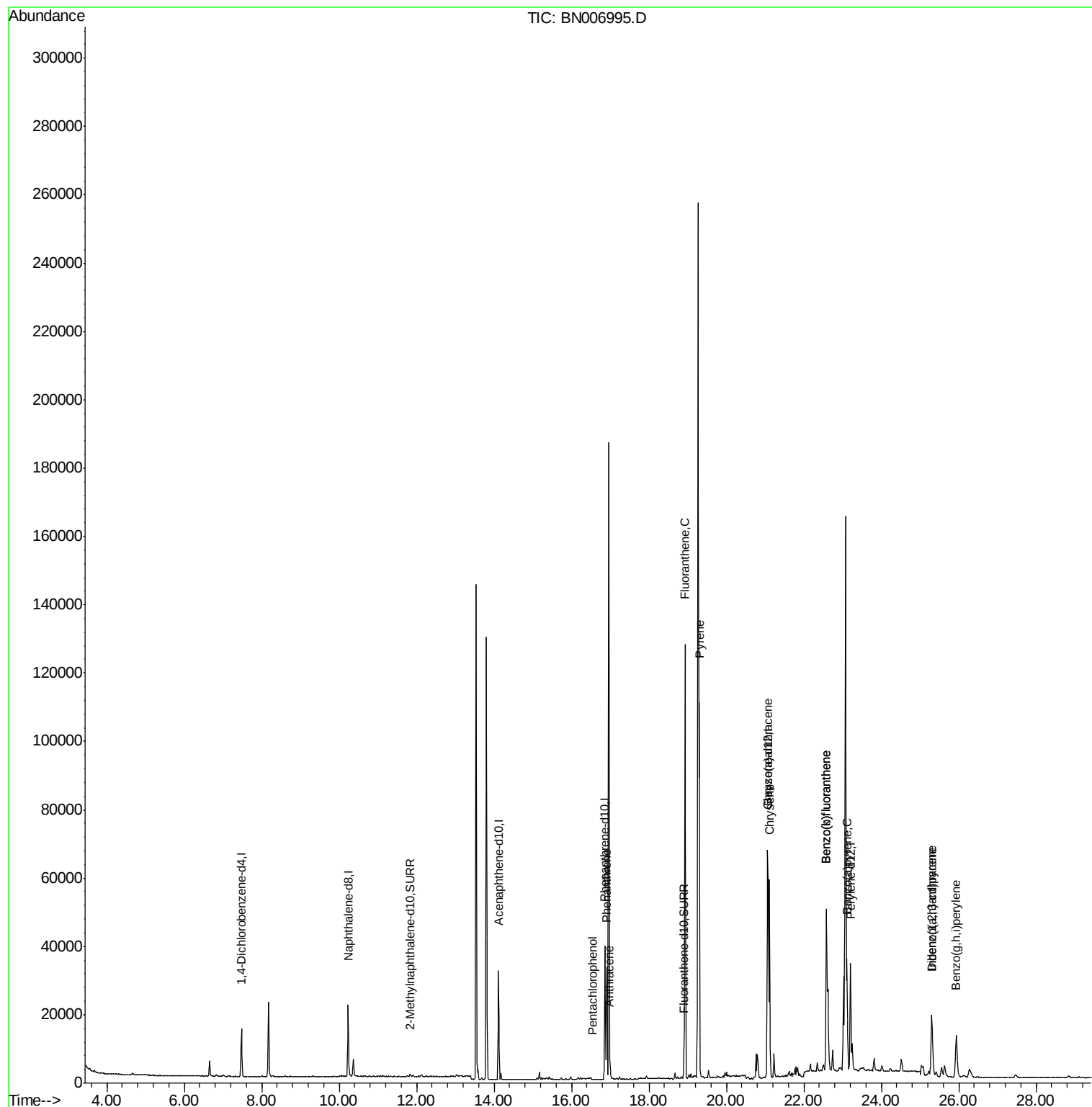
Target Compounds				Ovalue		
11) Pentachlorophenol	16.53	266	379	0.031	ng/ul#	36
12) Phenanthrene	16.90	178	33991	0.239	ng/ul	99
13) Anthracene	16.99	178	5355	0.037	ng/ul#	94
15) Fluoranthene	18.93	202	110759	0.625	ng/ul	99
17) Pyrene	19.30	202	96959	0.545	ng/ul	99
18) Benzo(a)anthracene	21.06	228	47047	0.269	ng/ul	97
19) Chrysene	21.11	228	57045	0.348	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	100926	0.695	ng/ul	98
22) Benzo(k)fluoranthene	22.58	252	100926	0.717	ng/ul	98
23) Benzo(a)pyrene	23.11	252	42742	0.313	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	28499	0.193	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.31	278	6873	0.058	ng/ul#	72
26) Benzo(g,h,i)perylene	25.94	276	24877	0.201	ng/ul	96

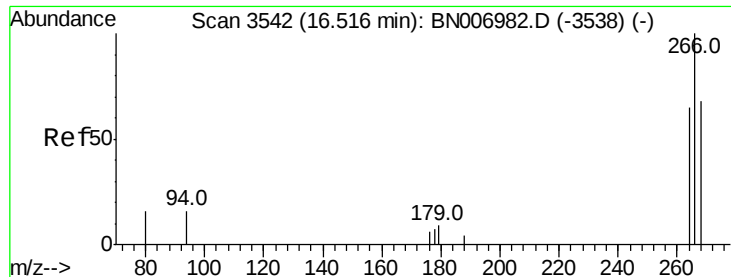
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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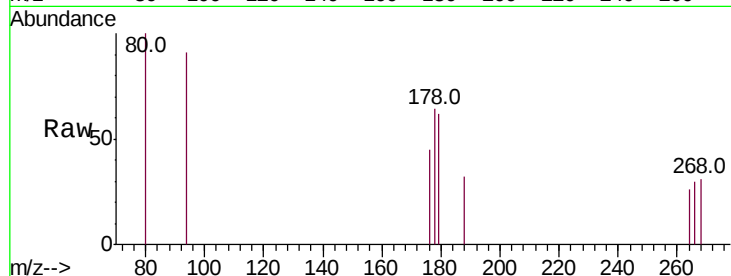




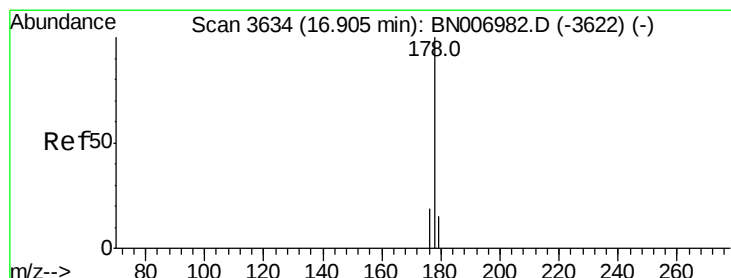
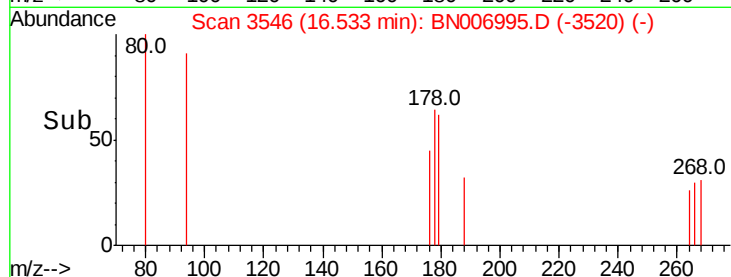
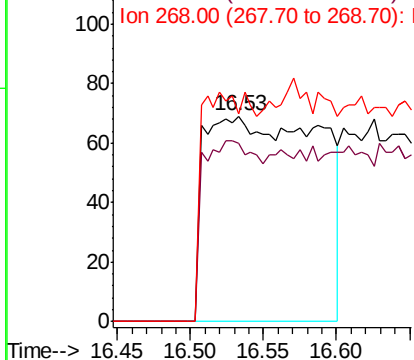
#11
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 16.53 min Scan# 3546
 Delta R.T. 0.02 min
 Lab File: BN006995.D
 Acq: 07 Aug 2019 19:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 379
 Ion Ratio Lower Upper
 266 100
 264 84.2 55.7 83.5#
 268 0.0 75.2 112.8#

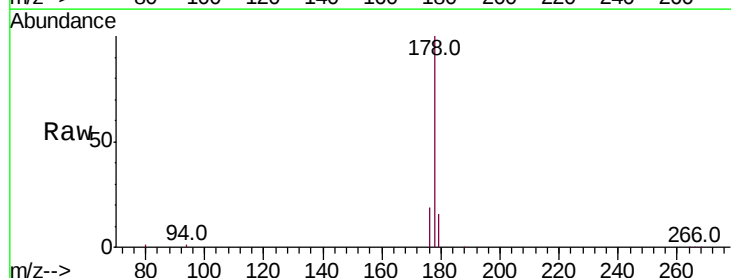


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

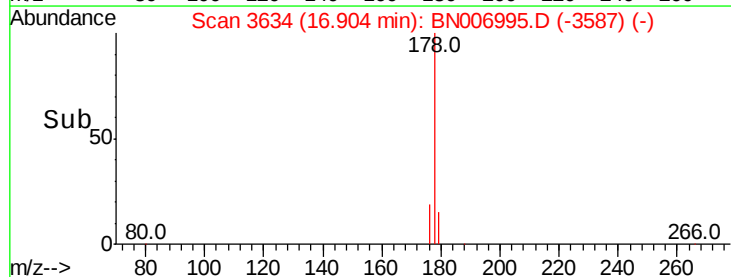
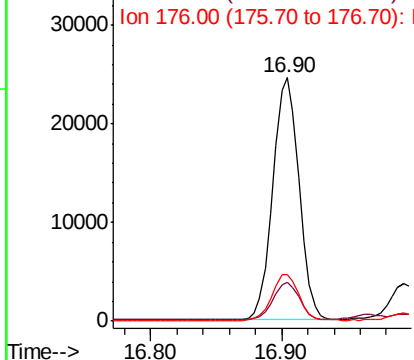


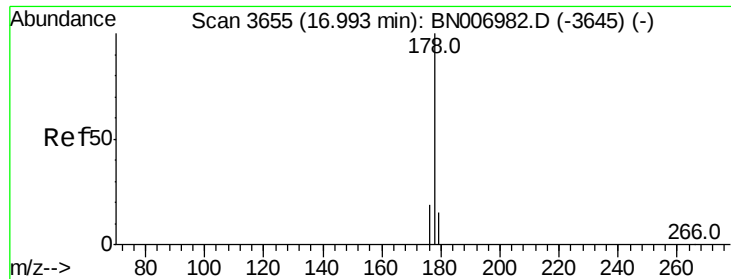
#12
 Phenanthrene
 Concen: 0.239 ng/ul
 RT: 16.90 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: BN006995.D
 Acq: 07 Aug 2019 19:45

Tgt Ion:178 Resp: 33991
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 19.0 15.6 23.4



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





#13

Anthracene

Concen: 0.037 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

ClientSampleId :

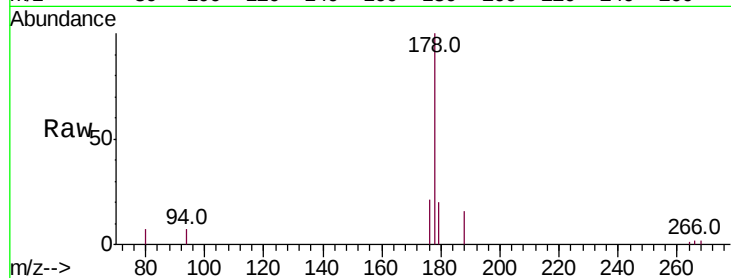
Tot Ion:178 Resp: 5355

Ion Ratio Lower Upper

178 100

179 19.6 12.6 18.8#

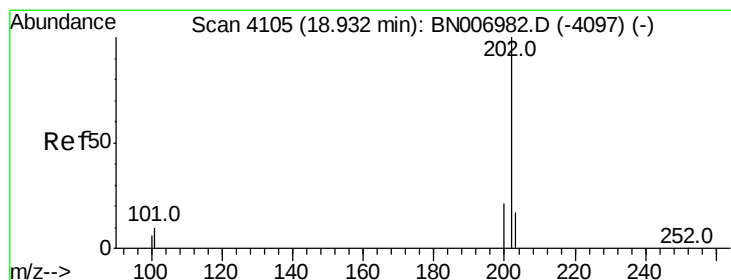
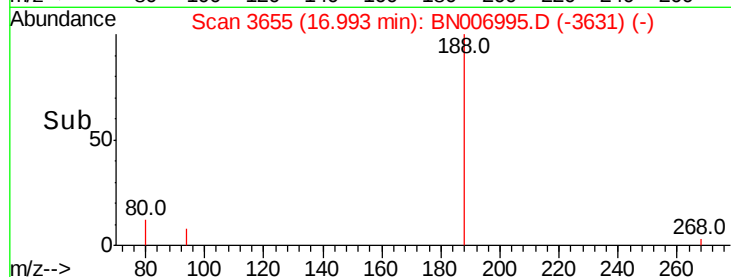
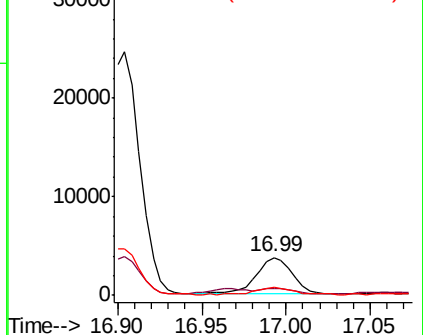
176 21.0 15.4 23.0



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: 0.625 ng/ul

RT: 18.93 min Scan# 4105

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

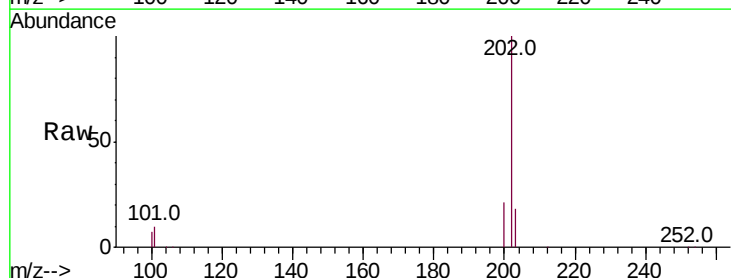
Tgt Ion:202 Resp: 110759

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

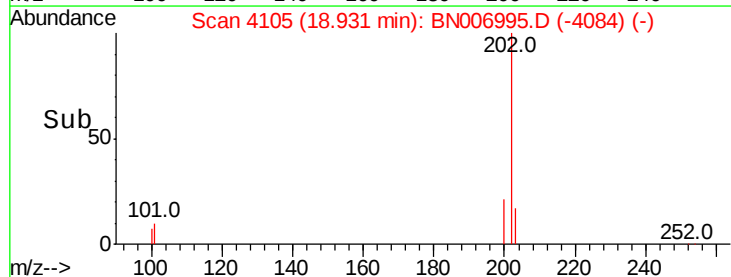
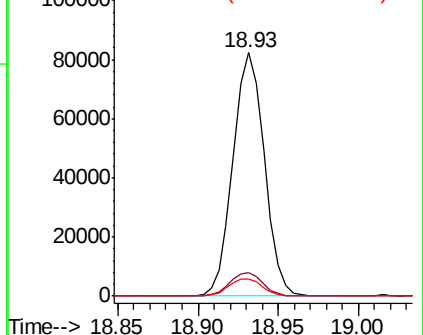
100 7.2 0.0 27.7

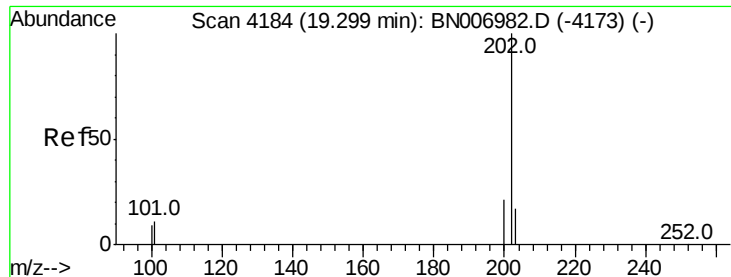


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.545 ng/ul

RT: 19.30 min Scan# 4184

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

ClientSampleId :

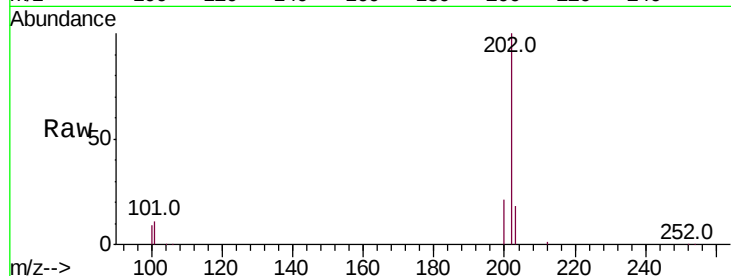
Tot Ion:202 Resp: 96959

Ion Ratio Lower Upper

202 100

101 11.0 9.3 13.9

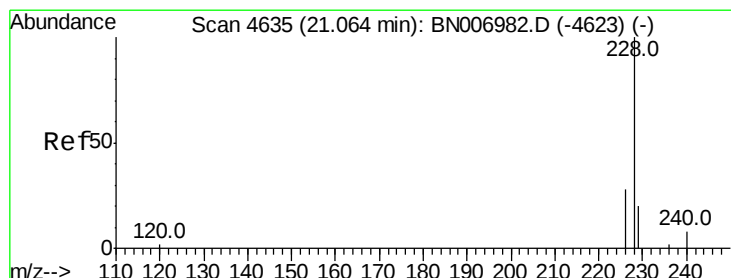
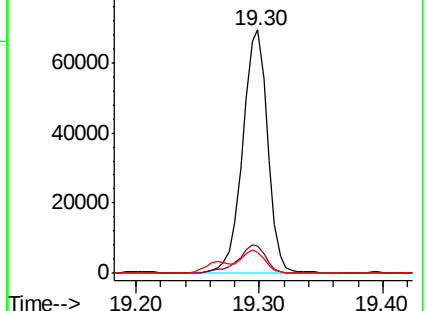
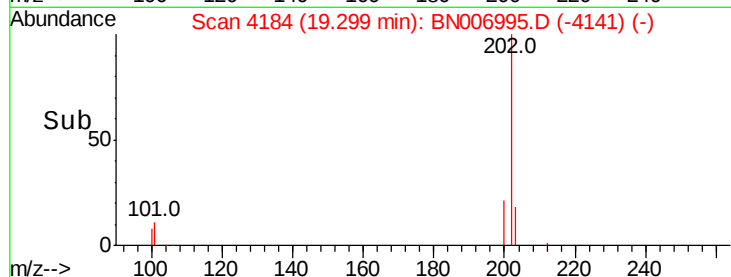
100 8.6 7.3 10.9



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: 0.269 ng/ul

RT: 21.06 min Scan# 4634

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

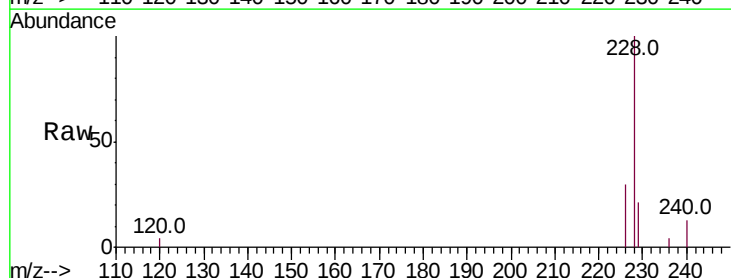
Tgt Ion:228 Resp: 47047

Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

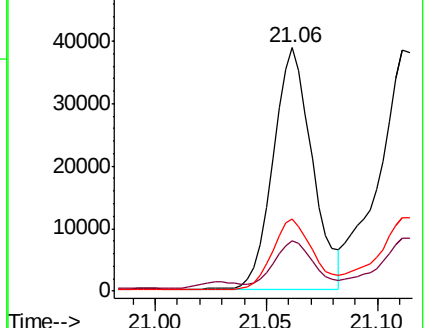
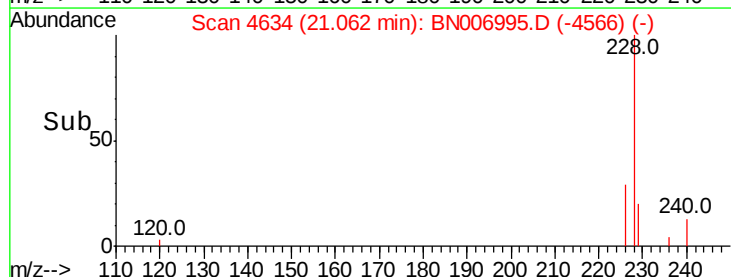
226 29.9 22.2 33.4

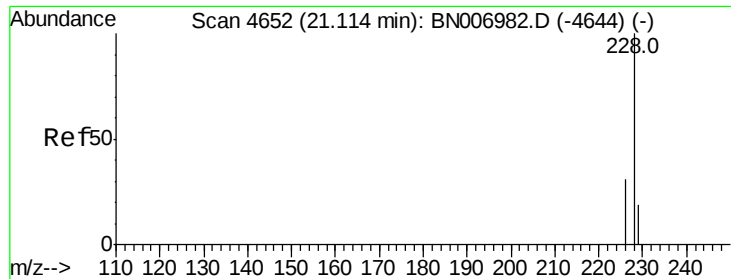


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.348 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

ClientSampleId :

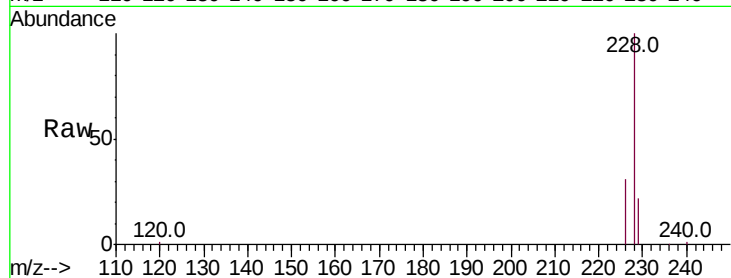
Tot Ion:228 Resp: 57045

Ion Ratio Lower Upper

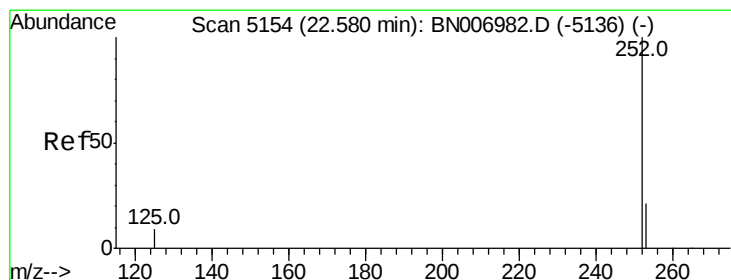
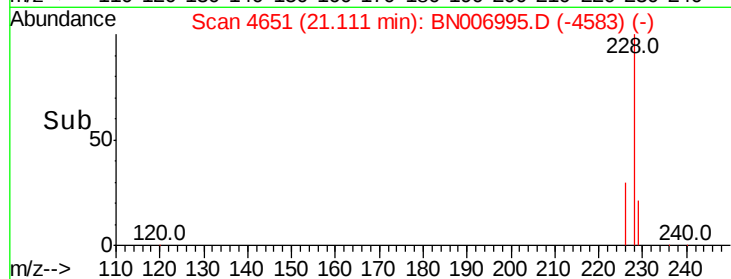
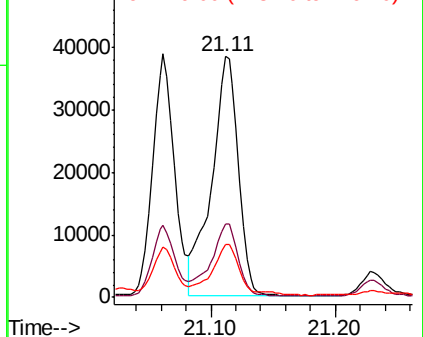
228 100

226 30.7 24.7 37.1

229 21.9 15.5 23.3



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: 0.695 ng/ul

RT: 22.58 min Scan# 5154

Delta R.T. 0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

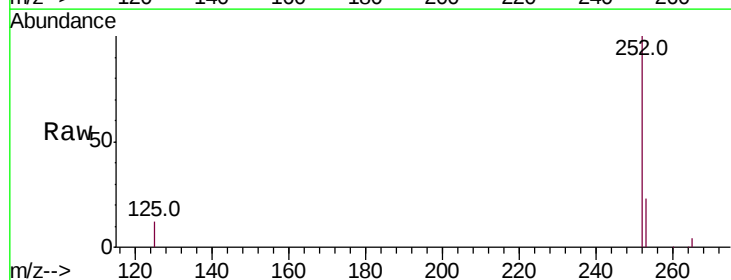
Tgt Ion:252 Resp: 100926

Ion Ratio Lower Upper

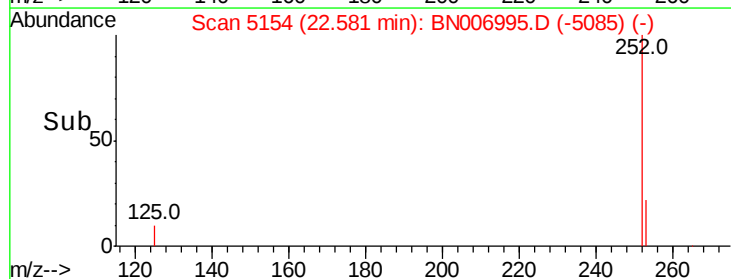
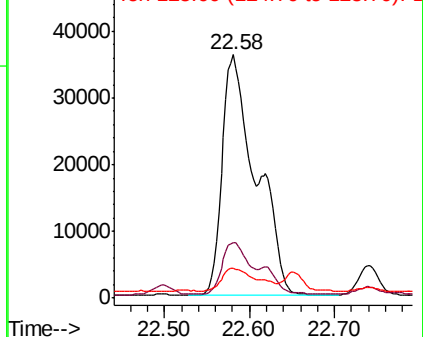
252 100

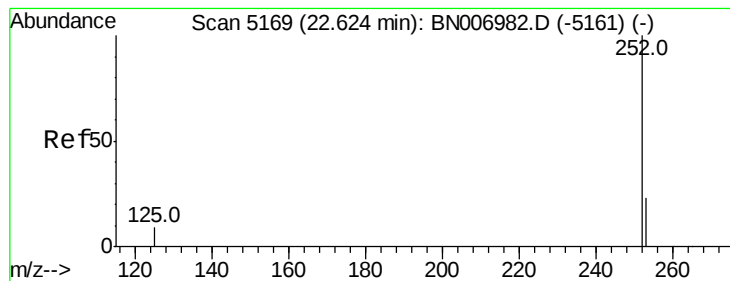
253 22.9 0.0 45.2

125 12.5 0.0 22.2



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: 0.717 ng/ul

RT: 22.58 min Scan# 5154

Delta R.T. -0.04 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

ClientSampleId :

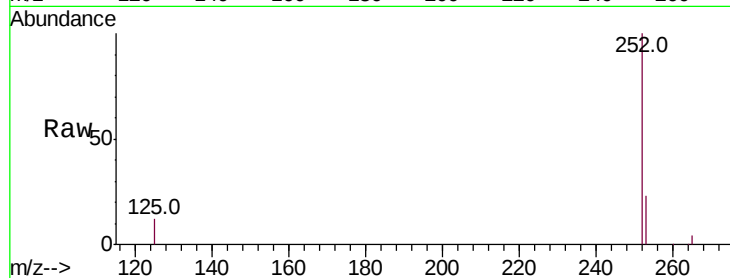
Tot Ion:252 Resp: 100926

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

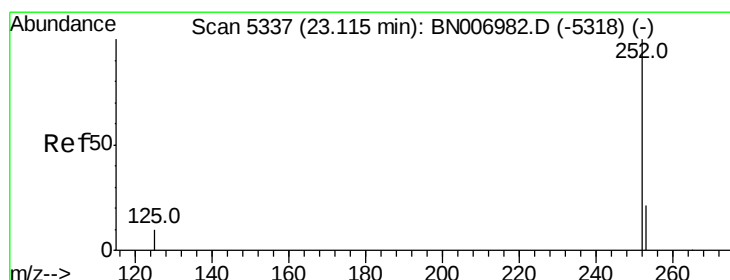
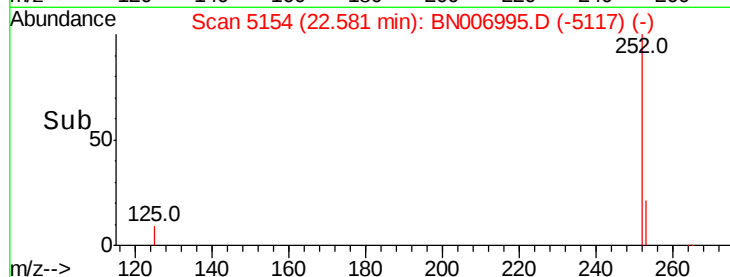
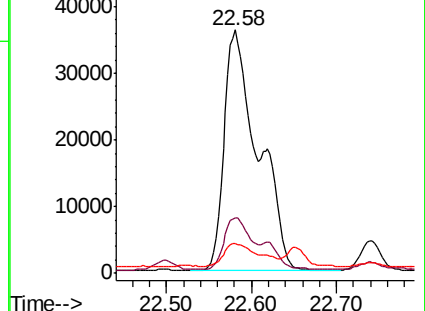
125 12.5 8.7 13.1



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: 0.313 ng/ul

RT: 23.11 min Scan# 5336

Delta R.T. -0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

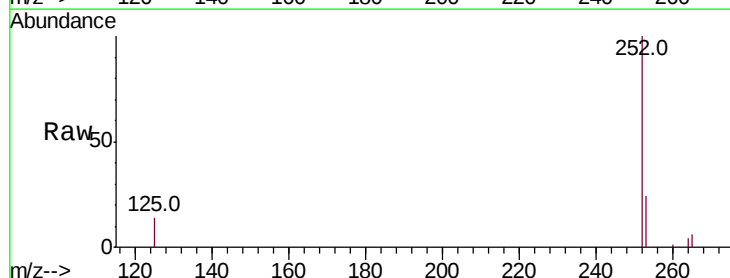
Tgt Ion:252 Resp: 42742

Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

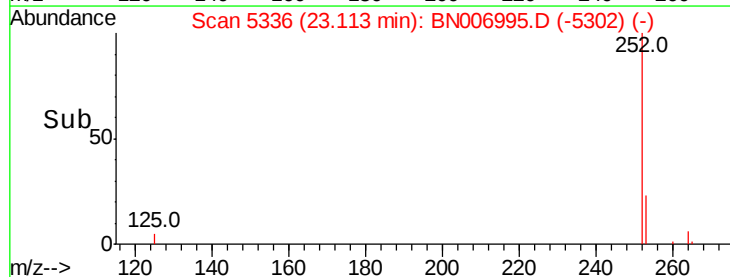
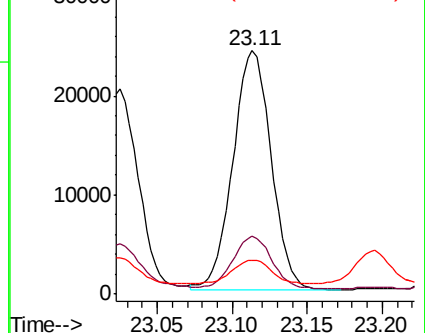
125 13.6 10.0 15.0

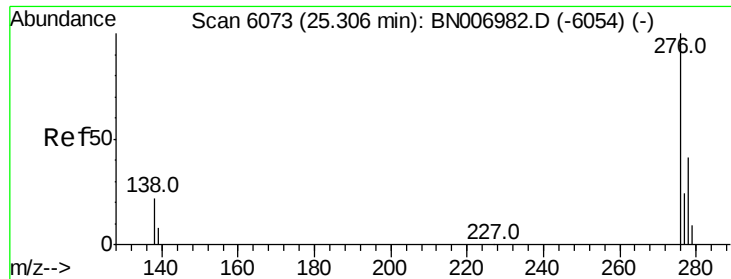


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



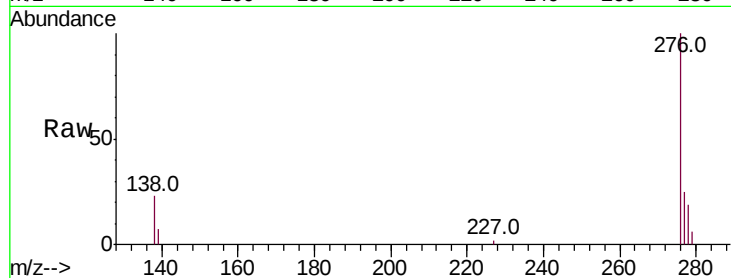


#24

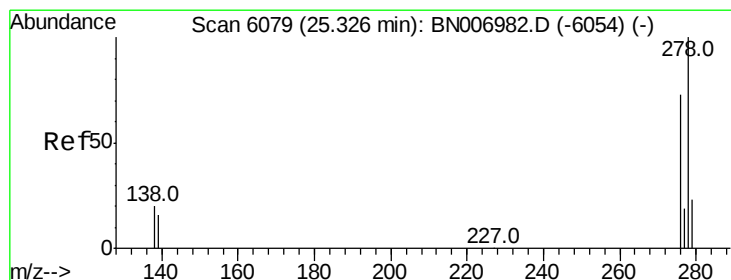
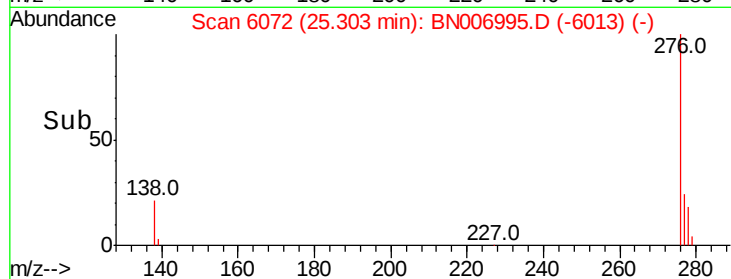
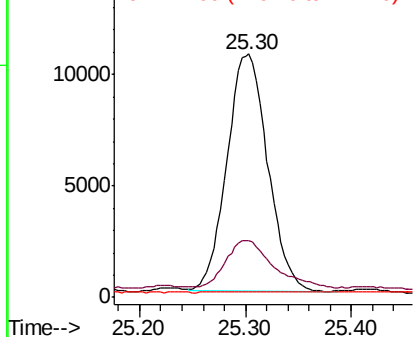
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN006995.D
Acq: 07 Aug 2019 19:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 28499
Ion Ratio Lower Upper
276 100
138 24.2 19.9 29.9
227 0.1 0.2 0.4#



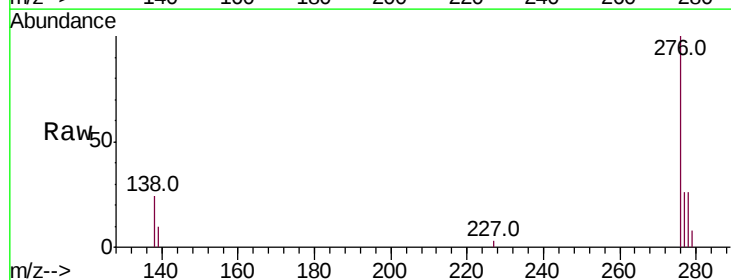
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



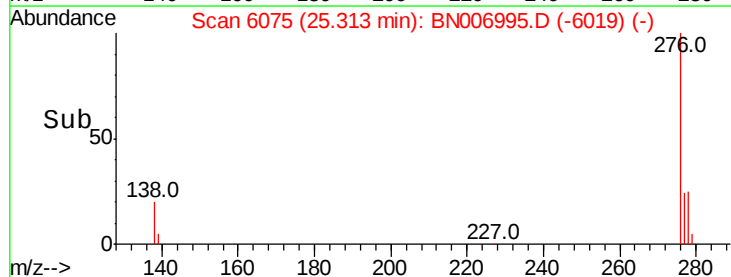
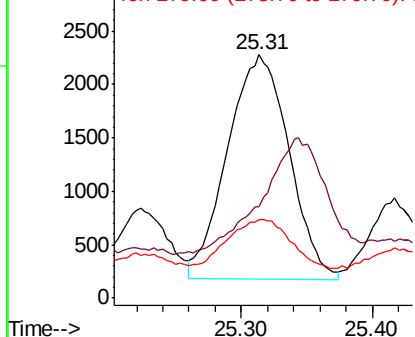
#25

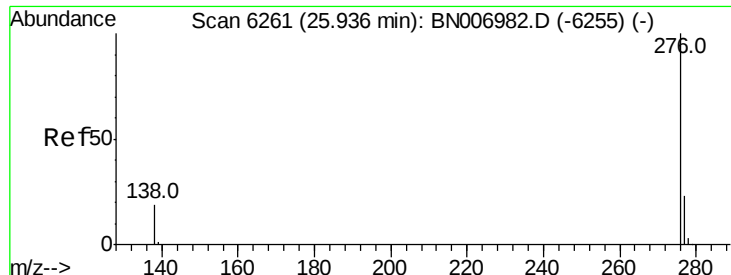
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN006995.D
Acq: 07 Aug 2019 19:45

Tgt Ion:278 Resp: 6873
Ion Ratio Lower Upper
278 100
139 37.3 14.3 21.5#
279 32.3 19.6 29.4#



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(a,h,i)perylene

Concen: 0.201 ng/ul

RT: 25.94 min Scan# 6261

Delta R.T. 0.00 min

Lab File: BN006995.D

Acq: 07 Aug 2019 19:45

Instrument :

BNA_N

ClientSampleId :

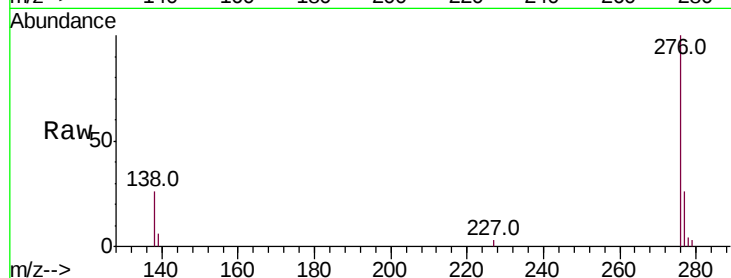
Tot Ion:276 Resp: 24877

Ion Ratio Lower Upper

276 100

138 25.6 18.7 28.1

277 25.6 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

