

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006536.D
 Acq On : 24 Jun 2019 18:11
 Operator : HP/JU
 Sample : K3360-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202DL

Quant Time: Jun 25 00:44:28 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4811	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18219	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	9004	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	16933	0.40	ng/ul	-0.01
16) Chrysene-d12	21.26	240	9213	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	11672	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	1726	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2988	0.07	ng/ul	0.00

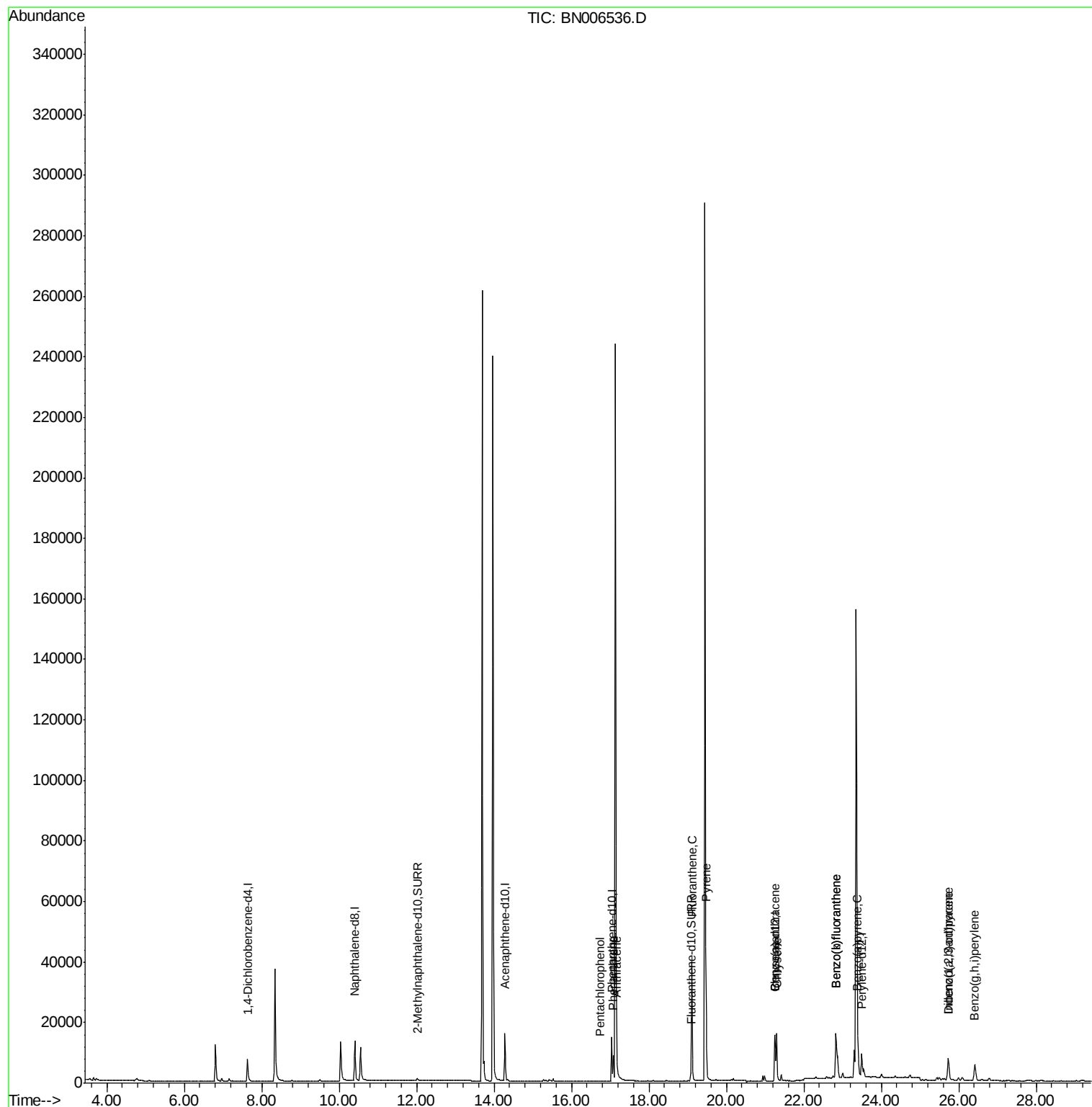
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Pentachlorophenol	16.73	266	229	0.053	ng/ul	91
12) Phenanthrene	17.08	178	9104	0.167	ng/ul	98
13) Anthracene	17.17	178	1358	0.026	ng/ul#	79
15) Fluoranthene	19.11	202	34920	0.582	ng/ul	99
17) Pyrene	19.48	202	31392	0.647	ng/ul	98
18) Benzo(a)anthracene	21.25	228	11783	0.289	ng/ul	99
19) Chrysene	21.30	228	17741	0.464	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	33156	0.681	ng/ul	94
22) Benzo(k)fluoranthene	22.83	252	33202	0.700	ng/ul	97
23) Benzo(a)pyrene	23.40	252	14975	0.330	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.73	276	12110	0.247	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.73	278	2743	0.070	ng/ul#	85
26) Benzo(g,h,i)perylene	26.41	276	10735	0.261	ng/ul	98

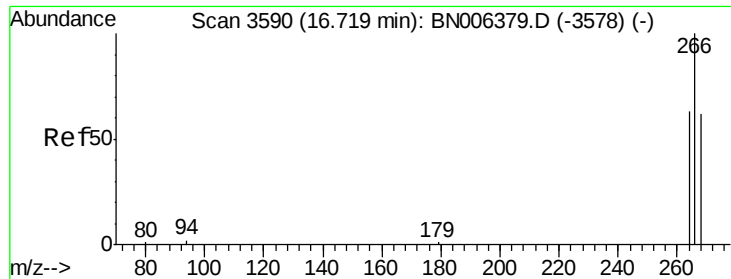
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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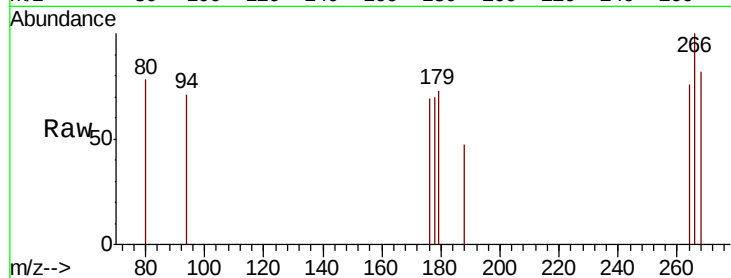




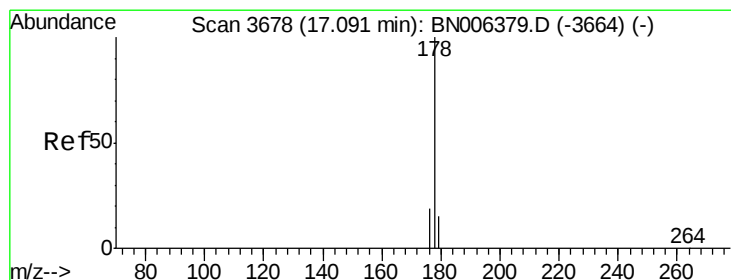
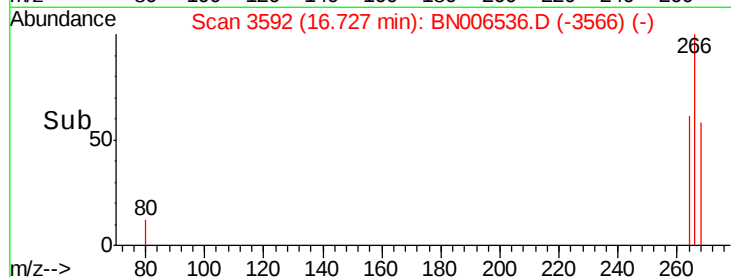
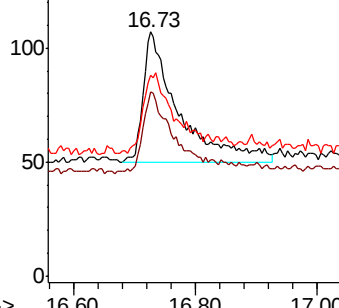
#11
 Pentachlorophenol
 Concen: 0.053 ng/ul
 RT: 16.73 min Scan# 3592
 Delta R.T. 0.01 min
 Lab File: BN006536.D
 Acq: 24 Jun 2019 18:11

Instrument :
 BNA_N
 ClientSampleId :
 A4202DL

Tgt Ion: 266 Resp: 229
 Ion Ratio Lower Upper
 266 100
 264 55.9 50.3 75.5
 268 56.3 51.3 76.9

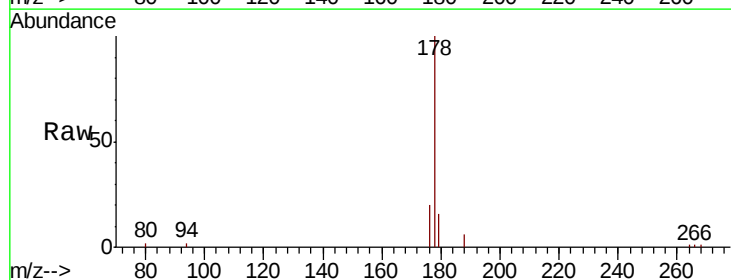


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

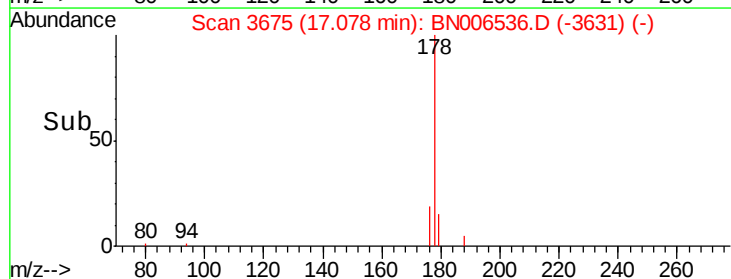
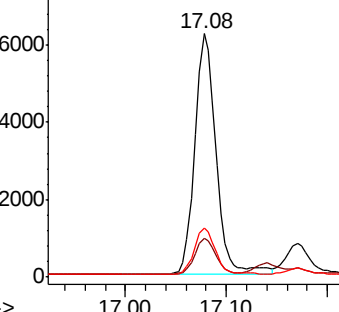


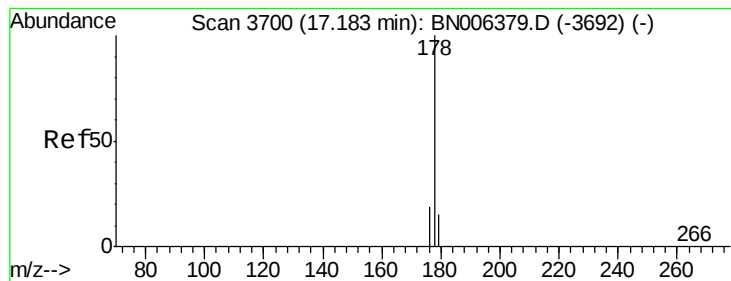
#12
 Phenanthrene
 Concen: 0.167 ng/ul
 RT: 17.08 min Scan# 3675
 Delta R.T. -0.01 min
 Lab File: BN006536.D
 Acq: 24 Jun 2019 18:11

Tgt Ion: 178 Resp: 9104
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.3 18.5
 176 20.3 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





#13

Anthracene

Concen: 0.026 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

ClientSampleId :

A4202DL

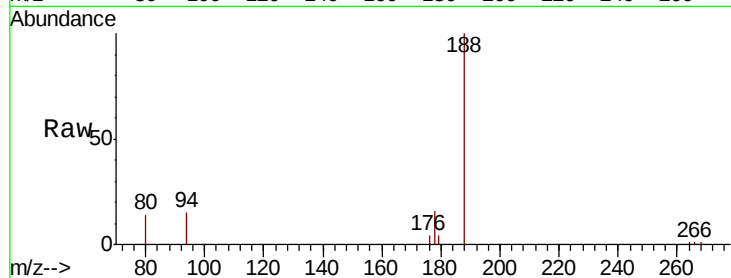
Tgt Ion:178 Resp: 1358

Ion Ratio Lower Upper

178 100

179 26.3 12.2 18.4#

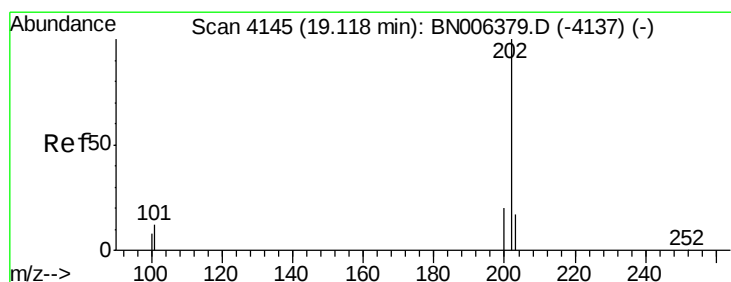
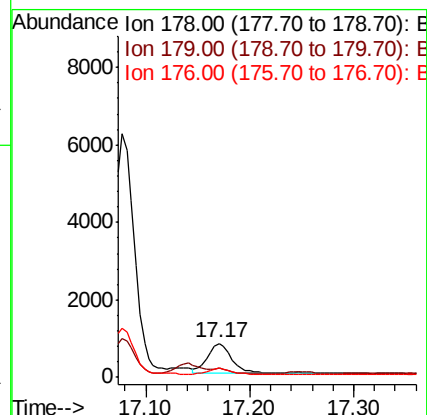
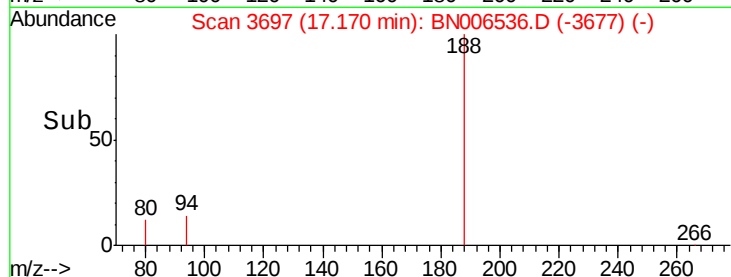
176 26.1 15.1 22.7#



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: 0.582 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

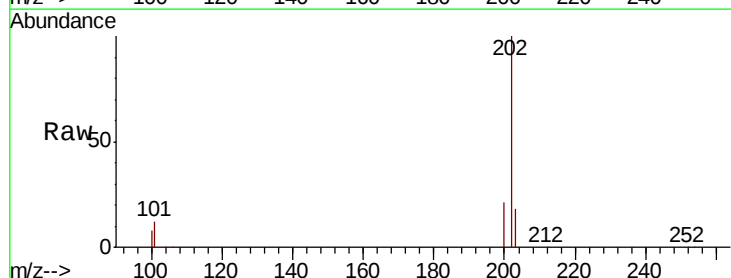
Tgt Ion:202 Resp: 34920

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.1

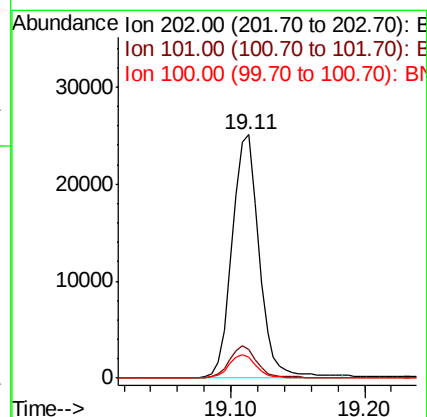
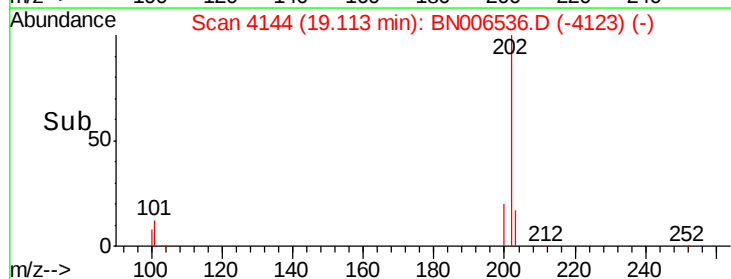
100 8.4 0.0 28.7

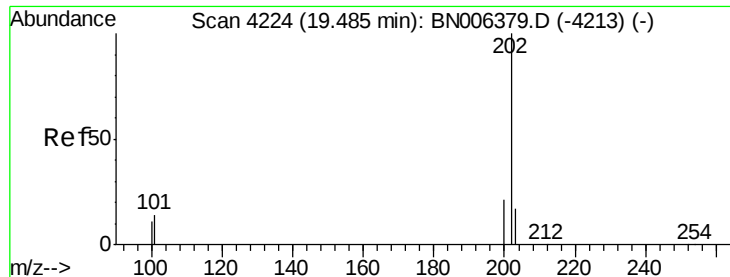


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.647 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

ClientSampleId :

A4202DL

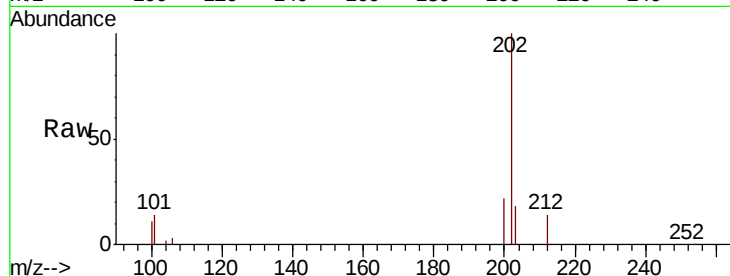
Tgt Ion:202 Resp: 31392

Ion Ratio Lower Upper

202 100

101 14.5 12.2 18.2

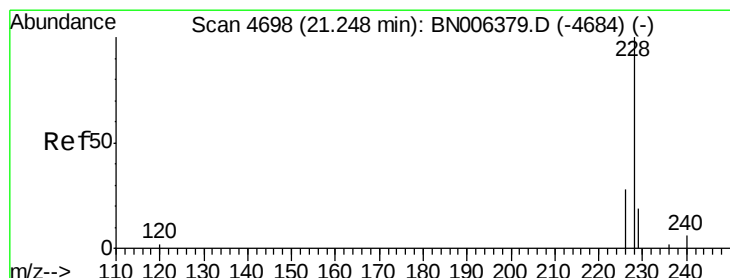
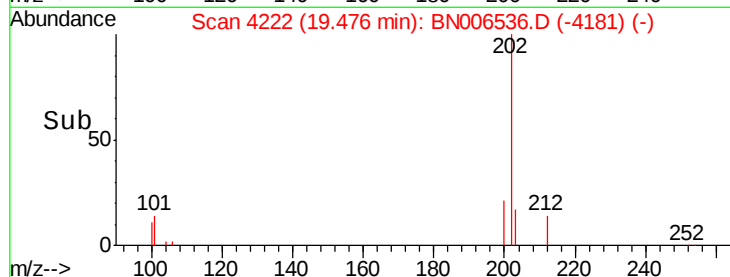
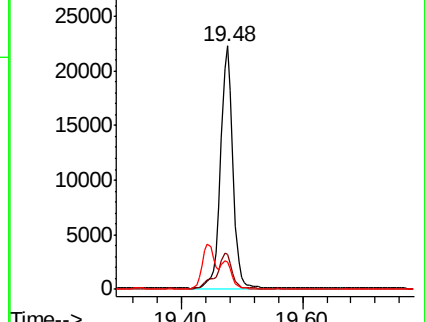
100 11.3 9.8 14.6



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: 0.289 ng/ul

RT: 21.25 min Scan# 4697

Delta R.T. -0.01 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

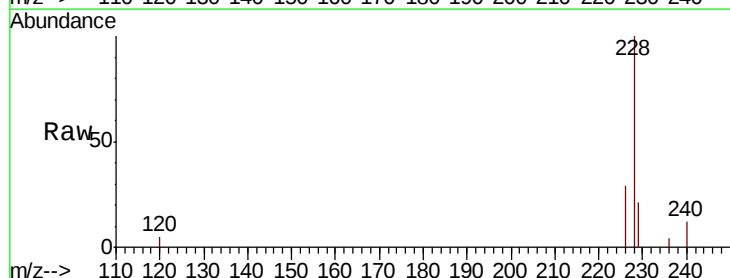
Tgt Ion:228 Resp: 11783

Ion Ratio Lower Upper

228 100

229 20.7 16.5 24.7

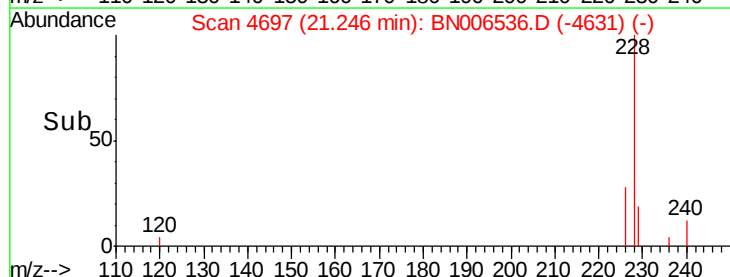
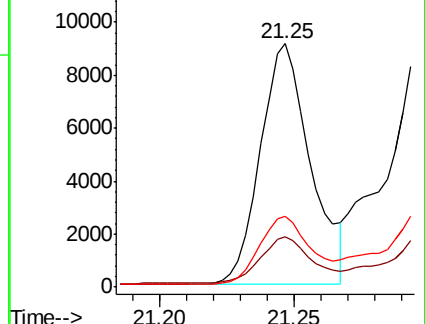
226 29.1 22.8 34.2

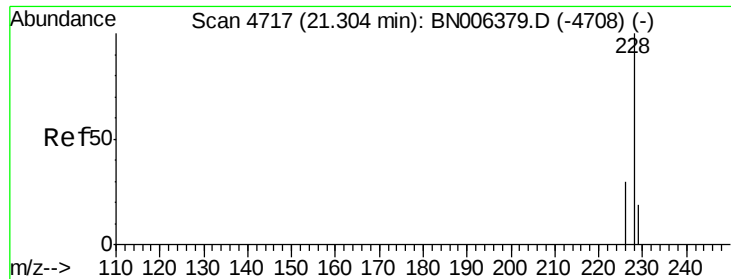


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.464 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.01 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

ClientSampleId :

A4202DL

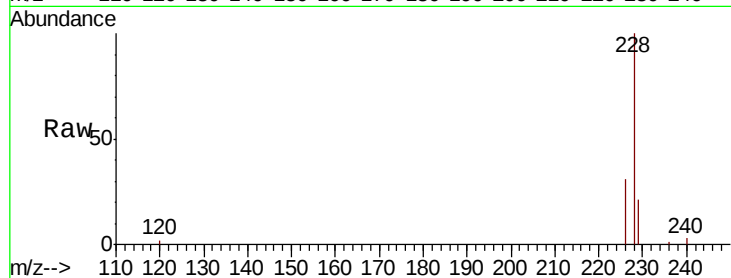
Tgt Ion:228 Resp: 17741

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

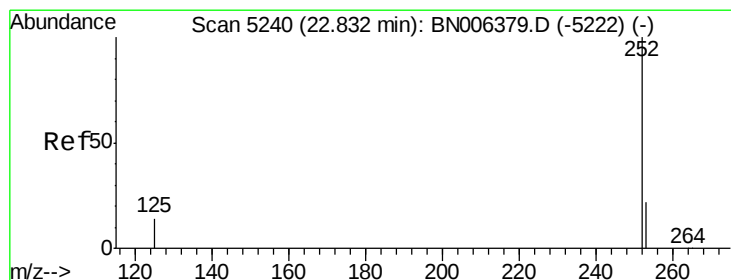
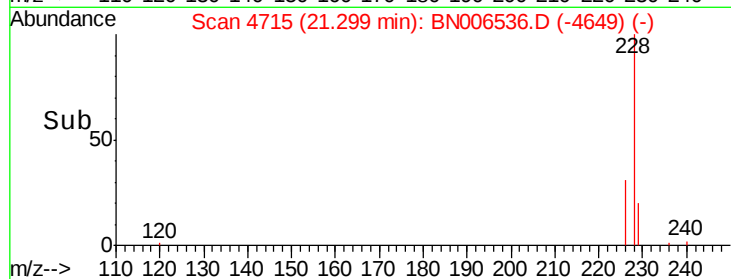
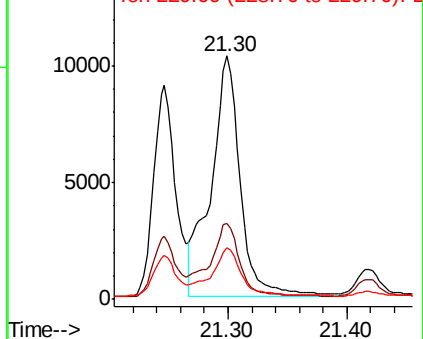
229 21.0 16.3 24.5



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: 0.681 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

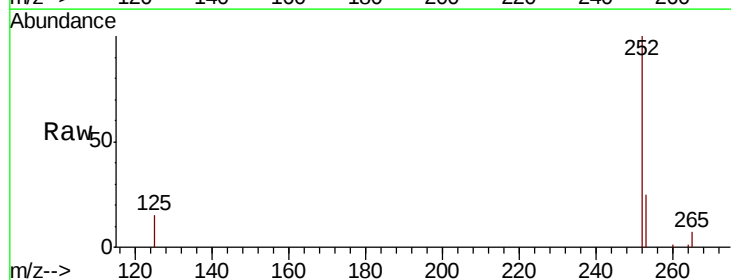
Tgt Ion:252 Resp: 33156

Ion Ratio Lower Upper

252 100

253 24.7 0.0 51.4

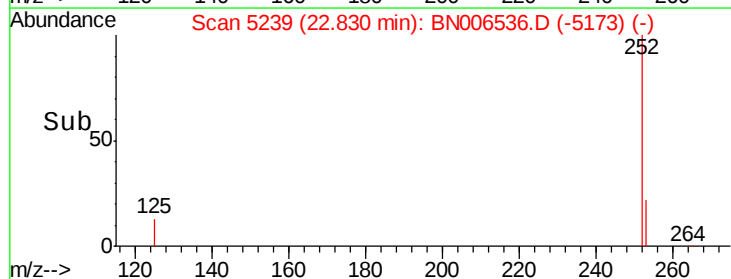
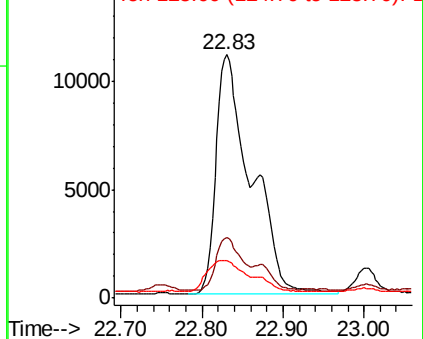
125 15.2 0.0 41.0

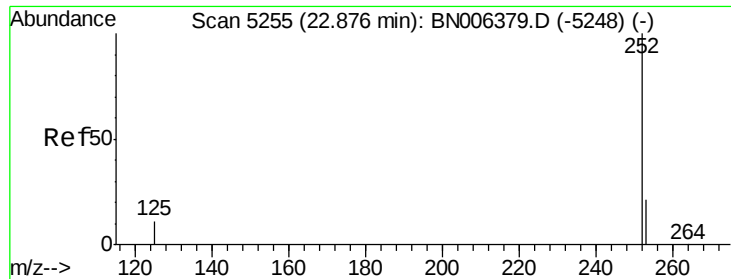


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.700 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.05 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

ClientSampleId :

A4202DL

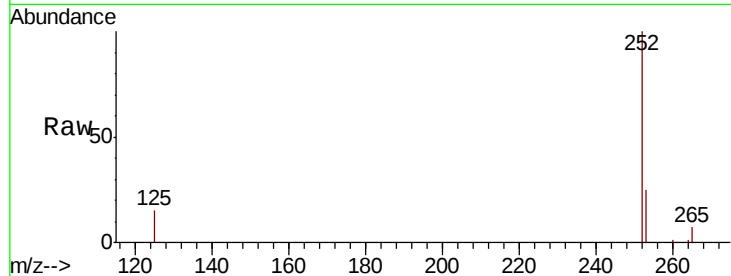
Tgt Ion:252 Resp: 33202

Ion Ratio Lower Upper

252 100

253 24.7 20.3 30.5

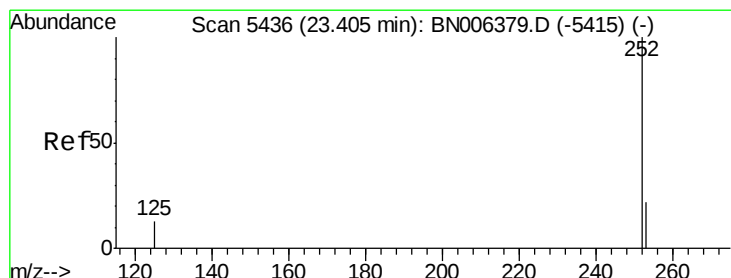
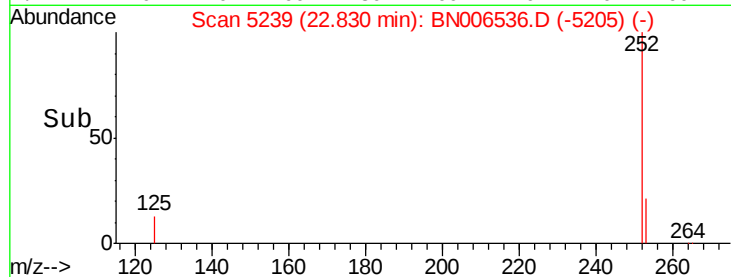
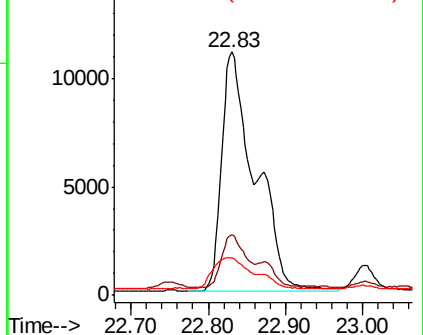
125 15.2 14.3 21.5



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: 0.330 ng/ul

RT: 23.40 min Scan# 5433

Delta R.T. -0.01 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

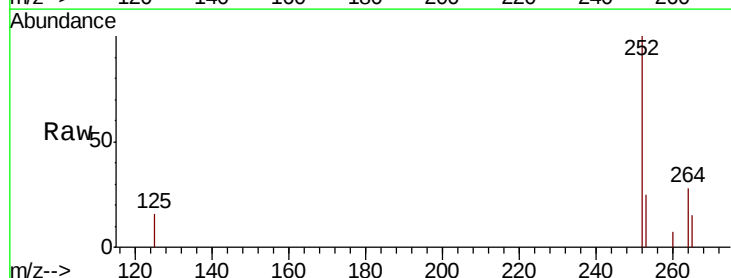
Tgt Ion:252 Resp: 14975

Ion Ratio Lower Upper

252 100

253 24.7 21.1 31.7

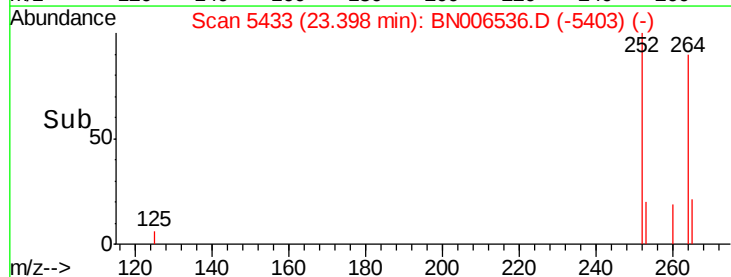
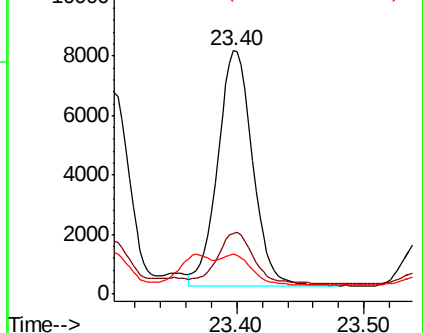
125 16.3 20.3 30.5#

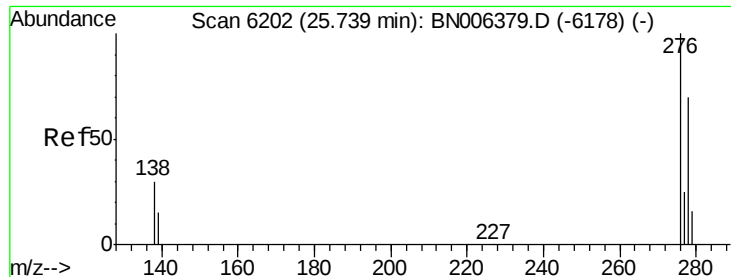


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.247 ng/ul

RT: 25.73 min Scan# 6199

Delta R.T. -0.02 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

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A4202DL

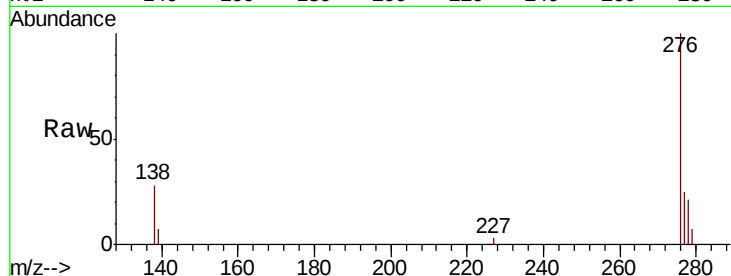
Tgt Ion:276 Resp: 12110

Ion Ratio Lower Upper

276 100

138 24.9 25.6 38.4#

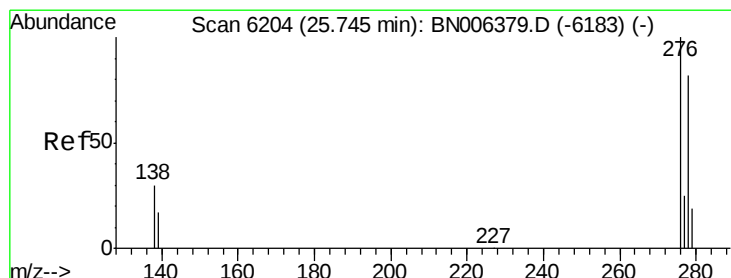
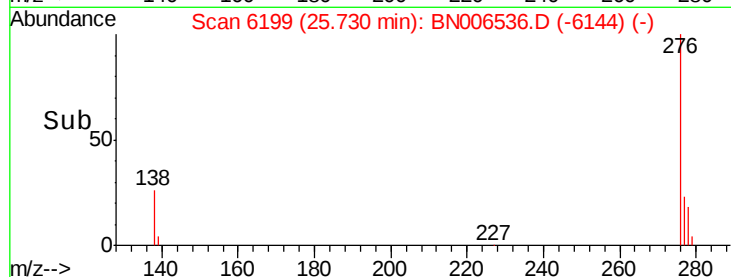
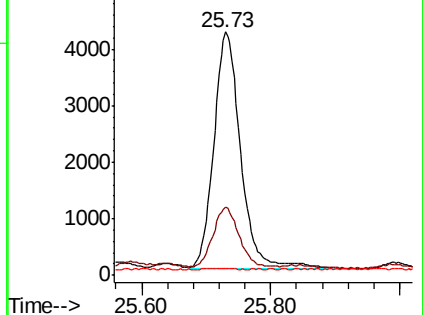
227 0.1 0.3 0.5#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.070 ng/ul

RT: 25.73 min Scan# 6200

Delta R.T. -0.02 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

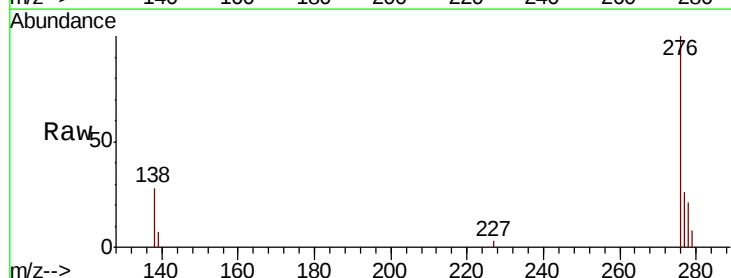
Tgt Ion:278 Resp: 2743

Ion Ratio Lower Upper

278 100

139 34.5 21.2 31.8#

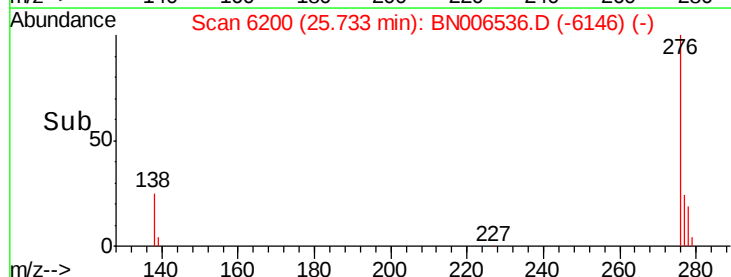
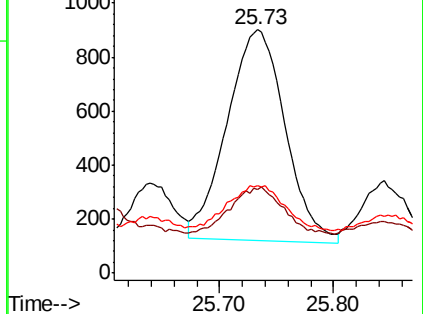
279 36.1 22.6 33.8#

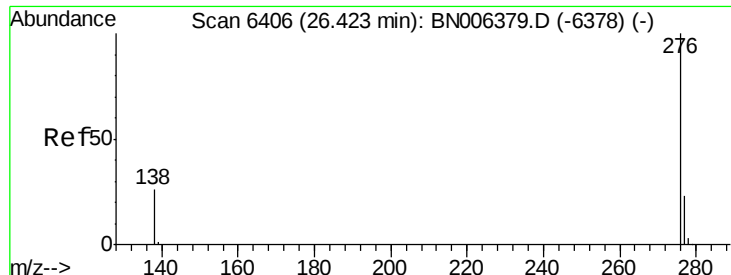


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.261 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. -0.02 min

Lab File: BN006536.D

Acq: 24 Jun 2019 18:11

Instrument :

BNA_N

ClientSampleId :

A4202DL

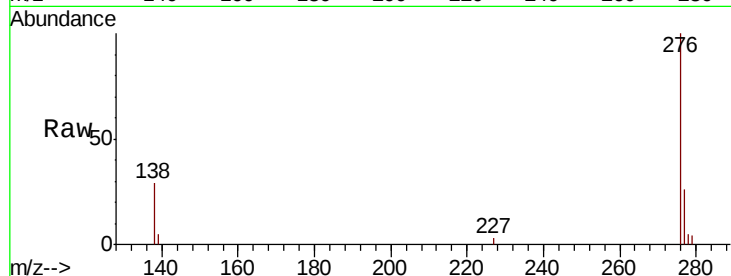
Tgt Ion: 276 Resp: 10735

Ion Ratio Lower Upper

276 100

138 28.5 24.2 36.4

277 26.2 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

