

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006344.D
 Acq On : 17 Jun 2019 12:58
 Operator : JU/SJ
 Sample : K3332-16MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:51:07 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

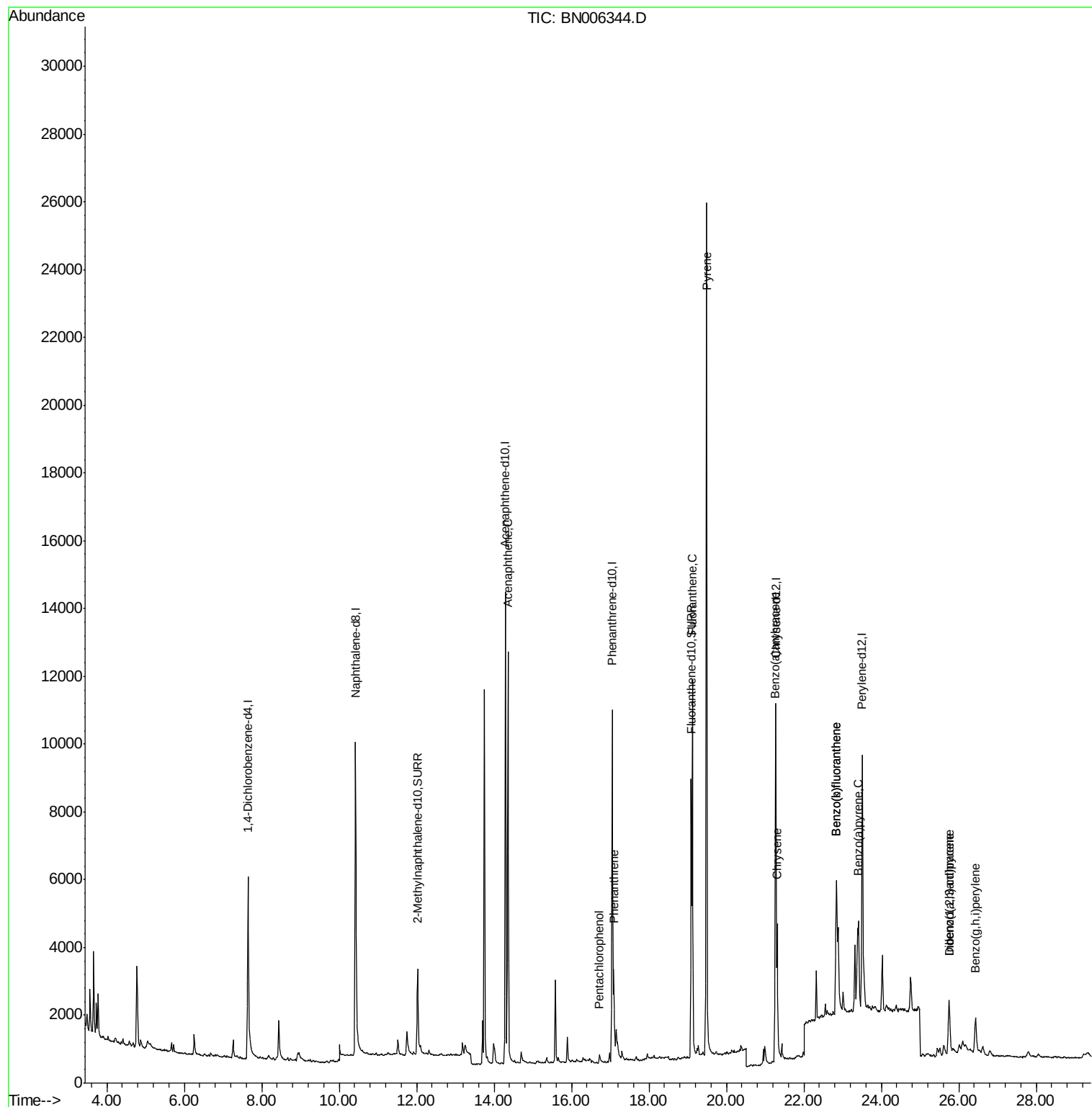
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15242	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7971	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14005	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	9497	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10649	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4739	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9037	0.24	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.36	153	7392	0.241	ng/ul	99
11) Pentachlorophenol	16.72	266	301	0.085	ng/ul	89
12) Phenanthrene	17.09	178	2749	0.061	ng/ul#	91
15) Fluoranthene	19.12	202	9375	0.189	ng/ul	94
17) Pyrene	19.49	202	21572	0.431	ng/ul	99
18) Benzo(a)anthracene	21.26	228	3992	0.095	ng/ul	93
19) Chrysene	21.31	228	4004	0.102	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	8727	0.197	ng/ul	79
22) Benzo(k)fluoranthene	22.84	252	8727	0.202	ng/ul#	76
23) Benzo(a)pyrene	23.41	252	3604	0.087	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.75	276	2908	0.065	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.75	278	777	0.022	ng/ul#	20
26) Benzo(g,h,i)perylene	26.43	276	2396	0.064	ng/ul#	82

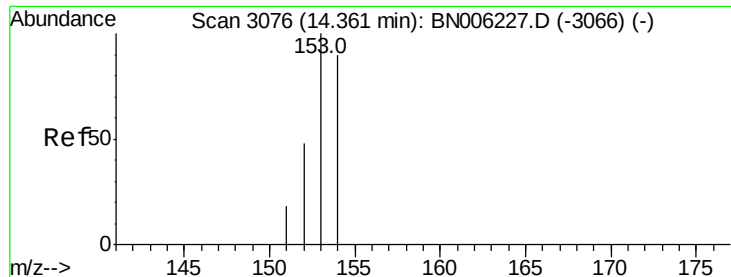
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.241 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

Instrument :

BNA_N

ClientSampleId :

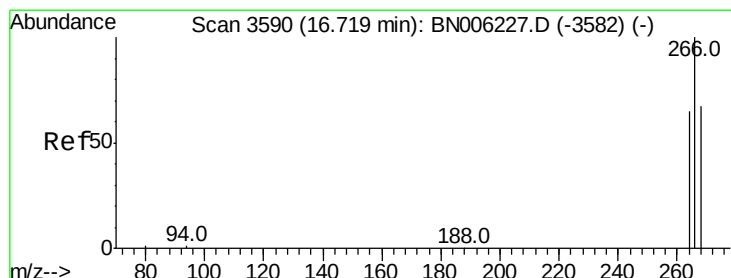
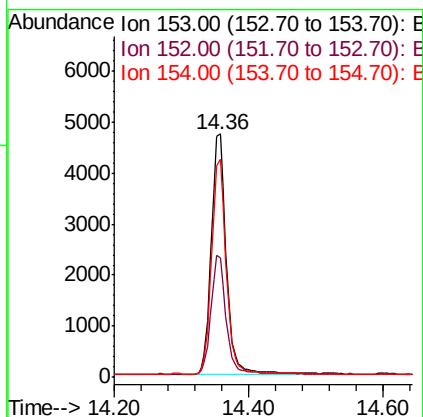
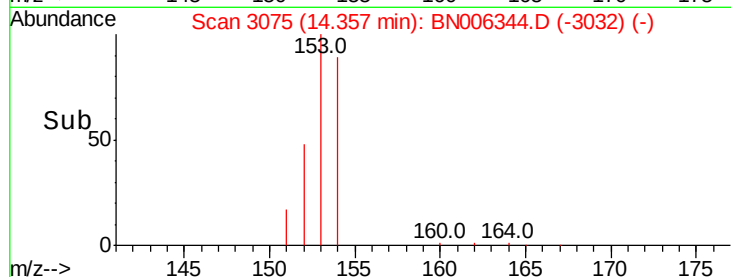
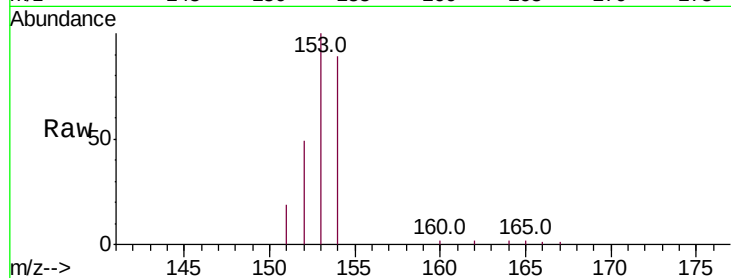
Tot Ion:153 Resp: 7392

Ion Ratio Lower Upper

153 100

152 49.2 39.1 58.7

154 89.5 71.1 106.7



#11

Pentachlorophenol

Concen: 0.085 ng/ul

RT: 16.72 min Scan# 3591

Delta R.T. 0.00 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

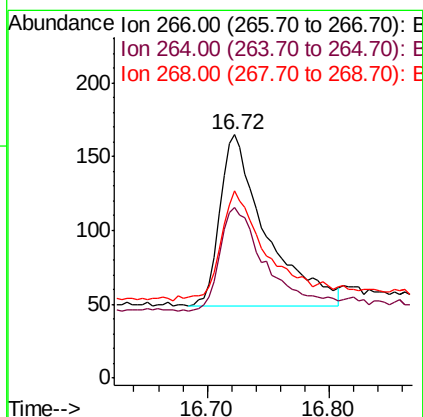
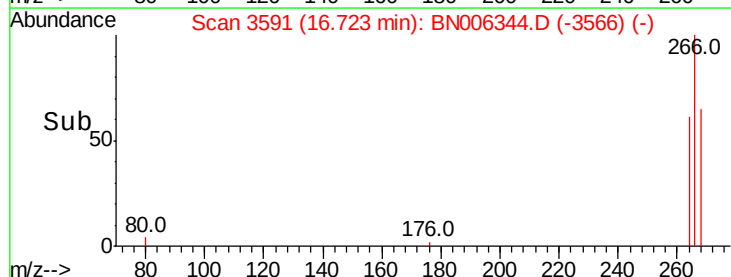
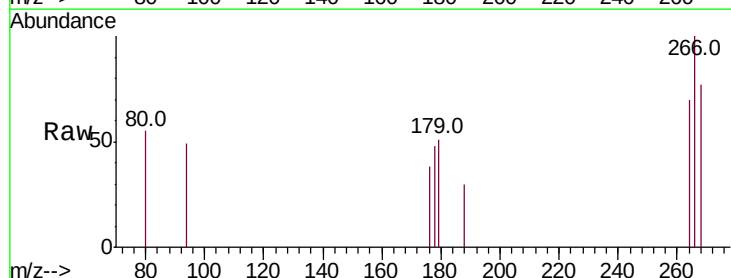
Tgt Ion:266 Resp: 301

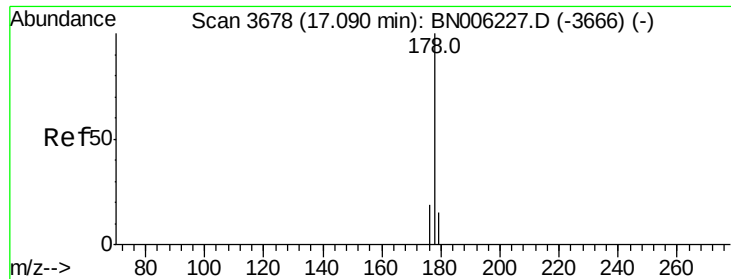
Ion Ratio Lower Upper

266 100

264 69.8 50.3 75.5

268 74.1 51.3 76.9

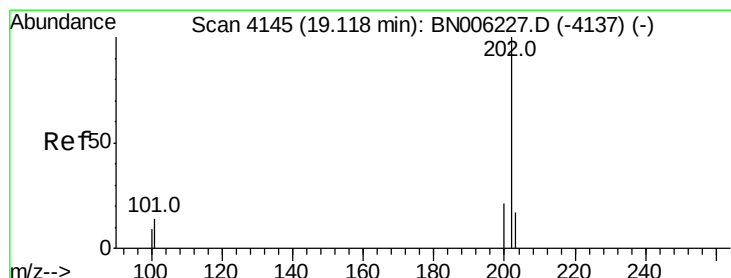
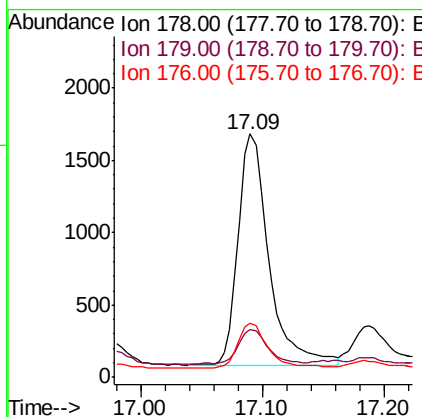
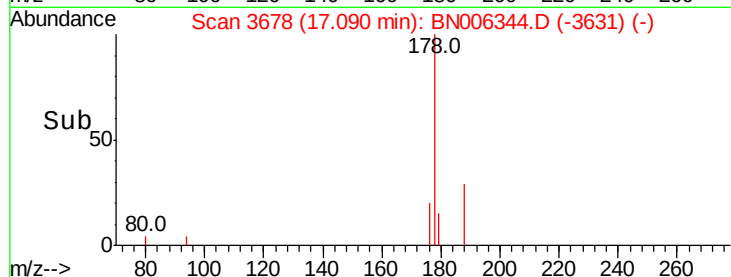
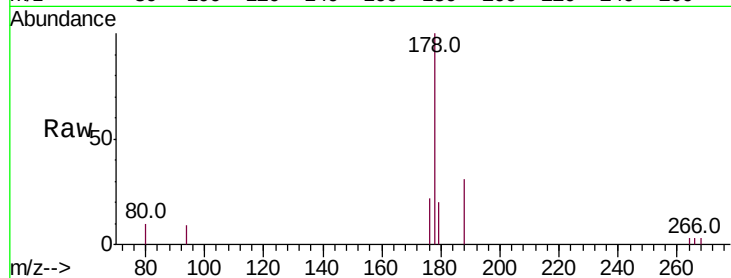




#12
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN006344.D
Acq: 17 Jun 2019 12:58

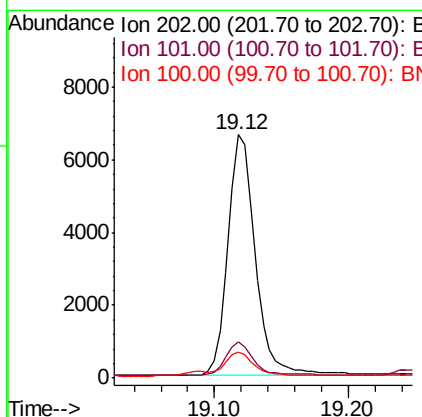
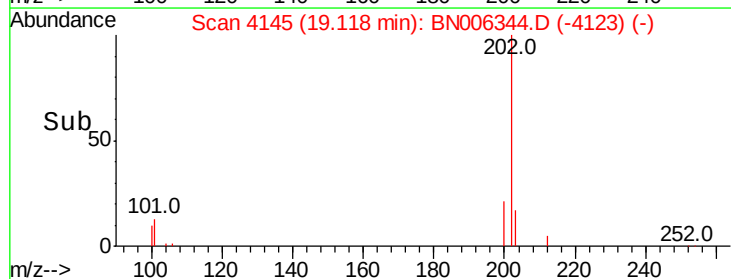
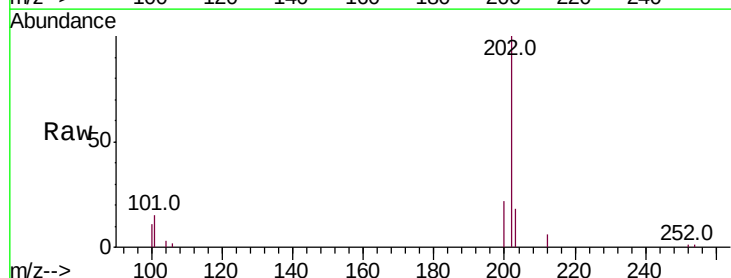
Instrument :
BNA_N
ClientSampleId :

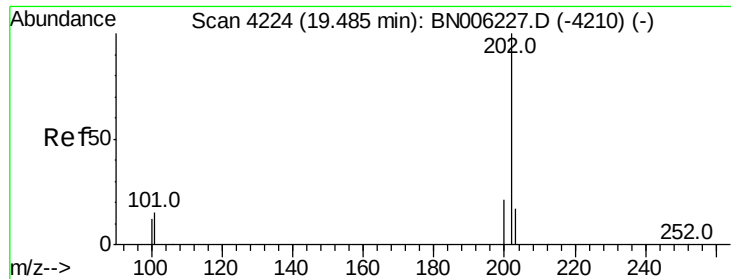
Tot Ion:178 Resp: 2749
Ion Ratio Lower Upper
178 100
179 19.7 12.3 18.5#
176 22.4 15.3 22.9



#15
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN006344.D
Acq: 17 Jun 2019 12:58

Tgt Ion:202 Resp: 9375
Ion Ratio Lower Upper
202 100
101 14.7 0.0 32.1
100 10.9 0.0 28.7

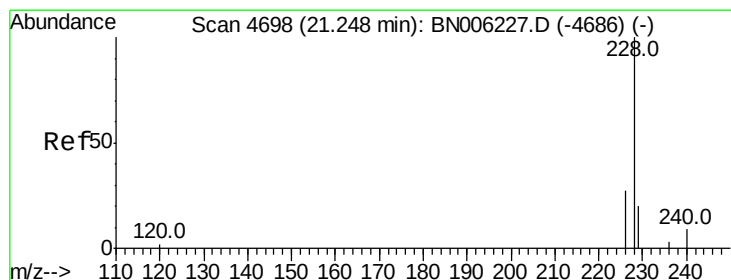
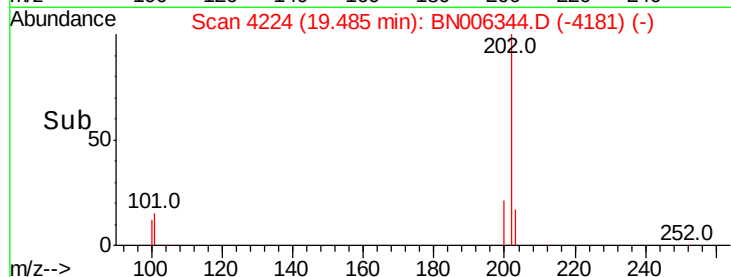
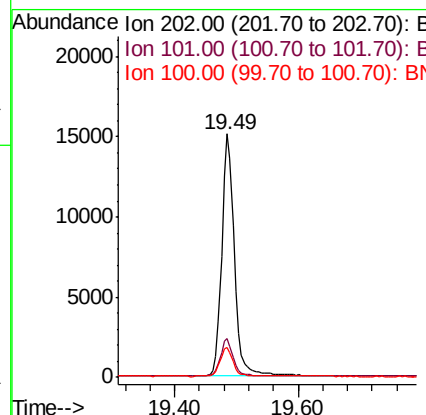
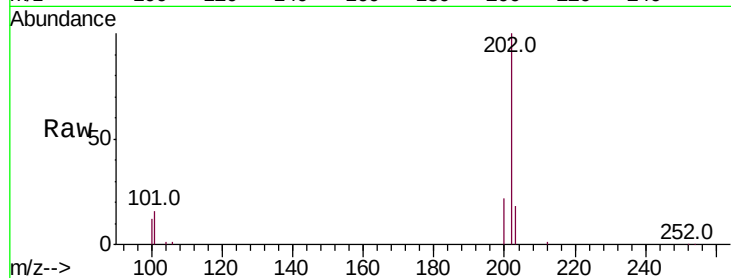




#17
Pvrene
Concen: 0.431 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006344.D
Acq: 17 Jun 2019 12:58

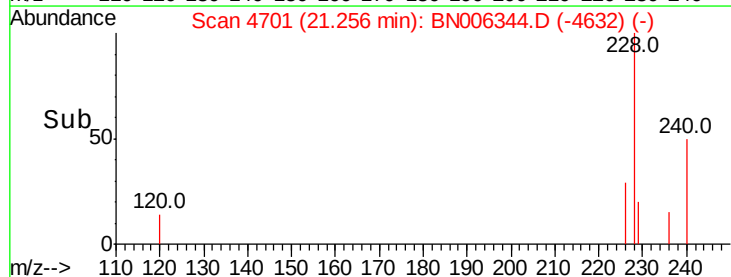
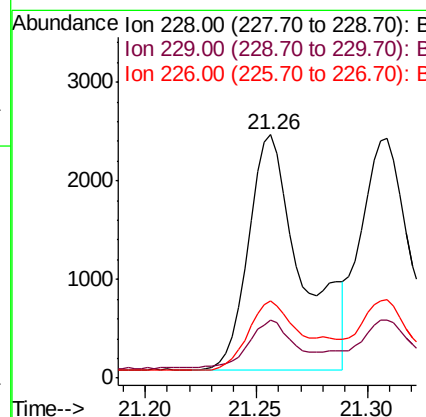
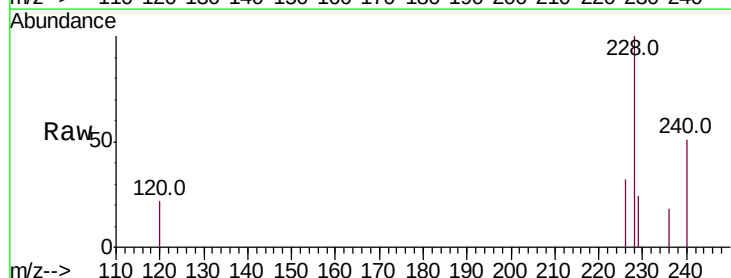
Instrument :
BNA_N
ClientSampleId :

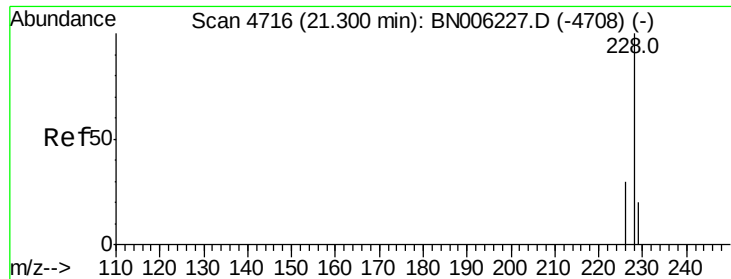
Tot Ion:202 Resp: 21572
Ion Ratio Lower Upper
202 100
101 16.0 12.2 18.2
100 12.5 9.8 14.6



#18
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN006344.D
Acq: 17 Jun 2019 12:58

Tgt Ion:228 Resp: 3992
Ion Ratio Lower Upper
228 100
229 23.7 16.5 24.7
226 32.0 22.8 34.2





#19

Chrysene

Concen: 0.102 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.00 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

Instrument :

BNA_N

ClientSampleId :

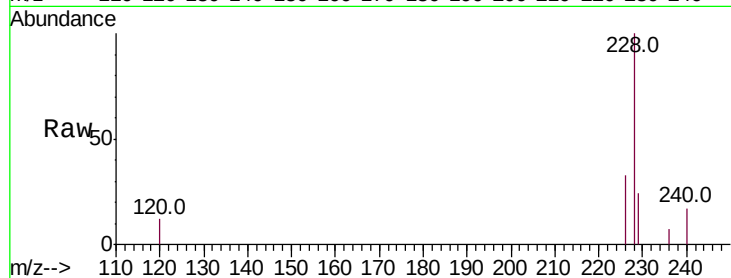
Tot Ion:228 Resp: 4004

Ion Ratio Lower Upper

228 100

226 32.9 25.0 37.6

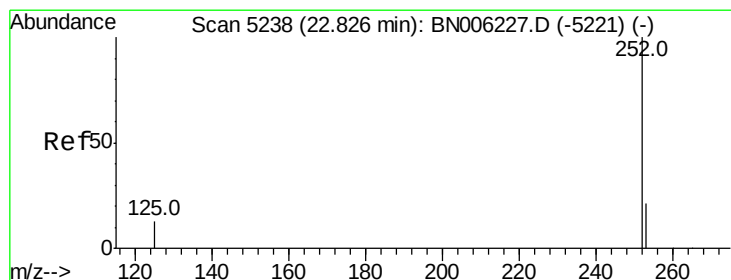
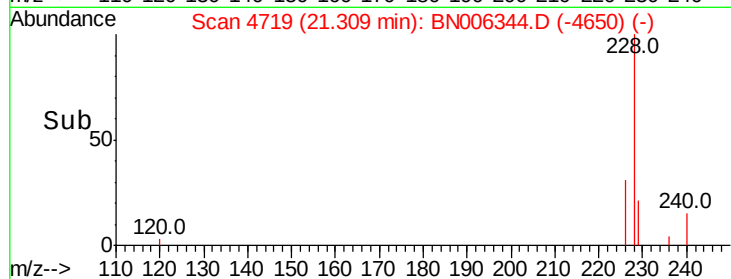
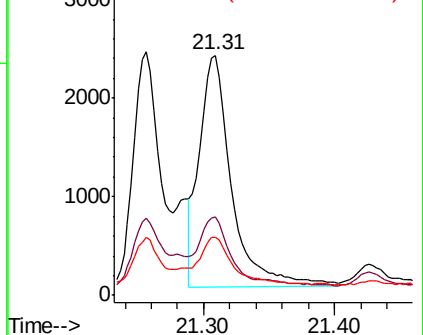
229 24.3 16.3 24.5



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: 0.197 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. 0.01 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

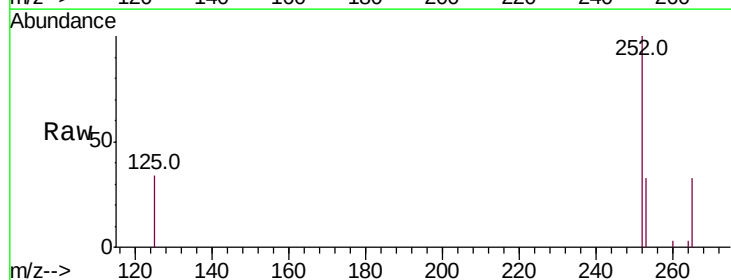
Tgt Ion:252 Resp: 8727

Ion Ratio Lower Upper

252 100

253 32.9 0.0 51.4

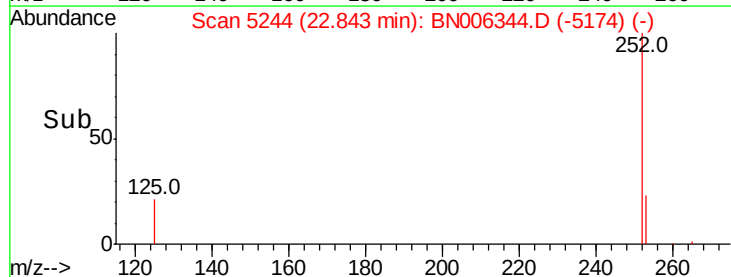
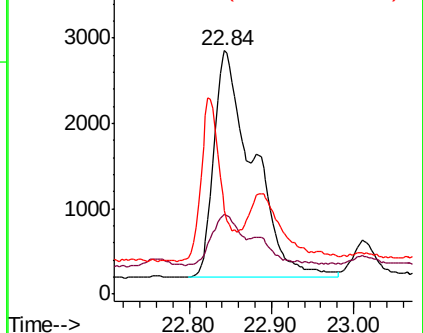
125 34.1 0.0 41.0

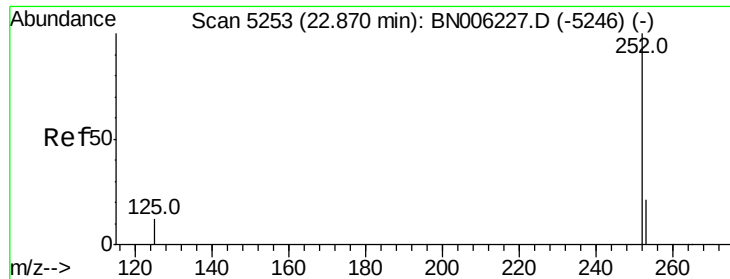


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.202 ng/ul

RT: 22.84 min Scan# 5244

Delta R.T. -0.04 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

Instrument :

BNA_N

ClientSampleId :

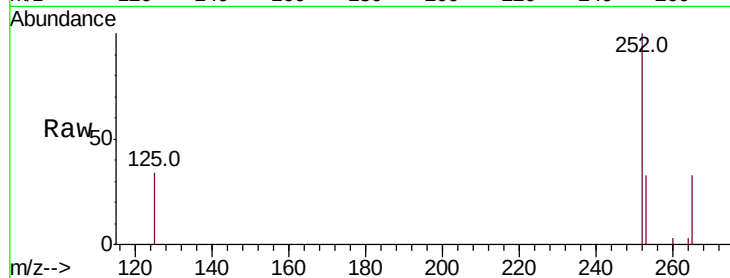
Tot Ion:252 Resp: 8727

Ion Ratio Lower Upper

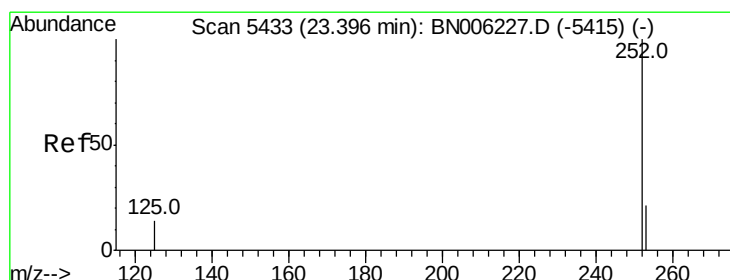
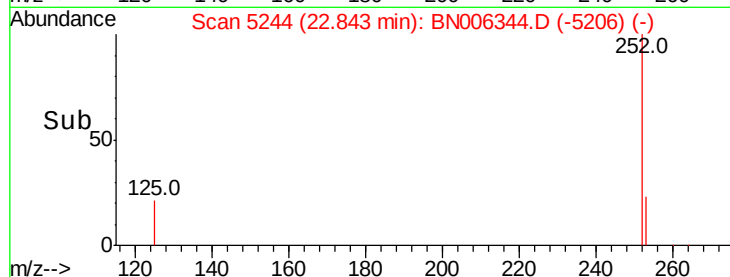
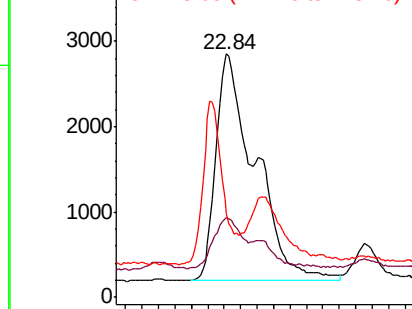
252 100

253 32.9 20.3 30.5#

125 34.1 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: 0.087 ng/ul

RT: 23.41 min Scan# 5439

Delta R.T. 0.00 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

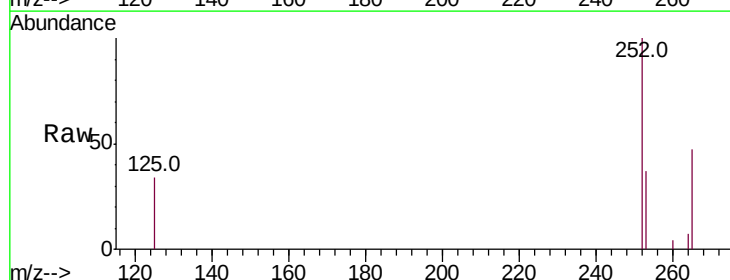
Tgt Ion:252 Resp: 3604

Ion Ratio Lower Upper

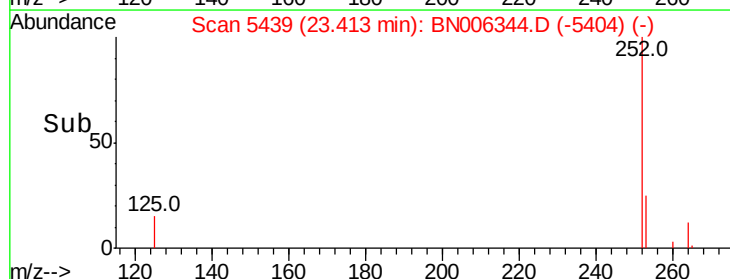
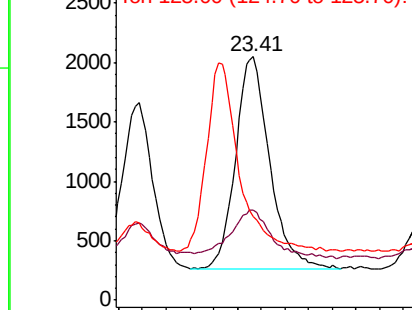
252 100

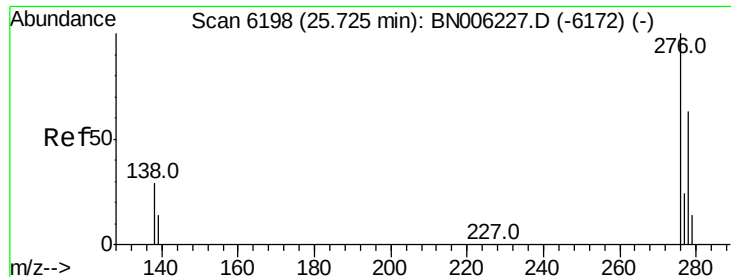
253 36.8 21.1 31.7#

125 34.3 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

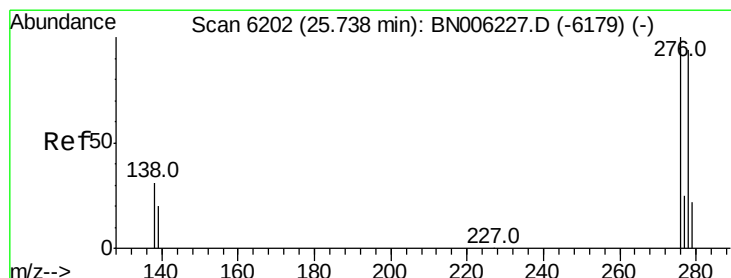
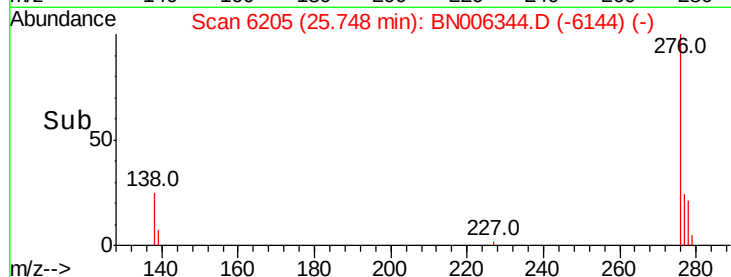
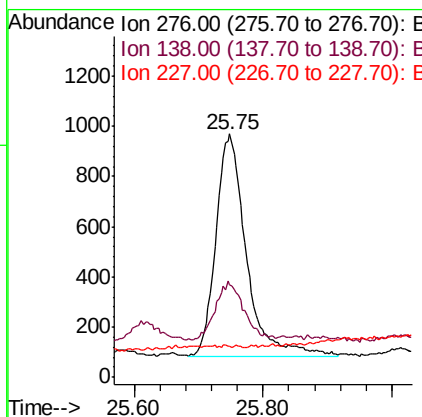
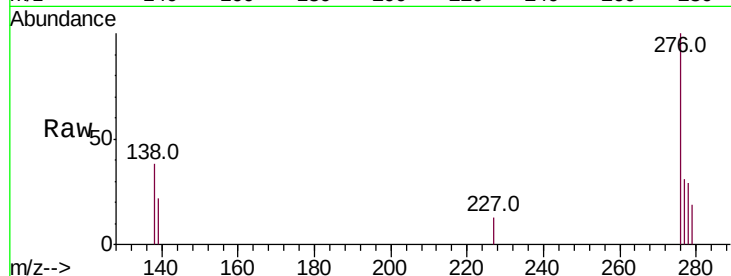




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.065 ng/ul
 RT: 25.75 min Scan# 6205
 Delta R.T. 0.00 min
 Lab File: BN006344.D
 Acq: 17 Jun 2019 12:58

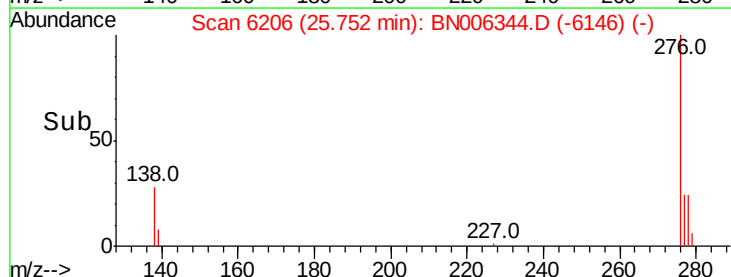
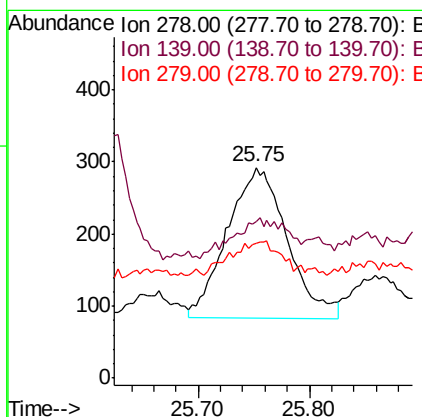
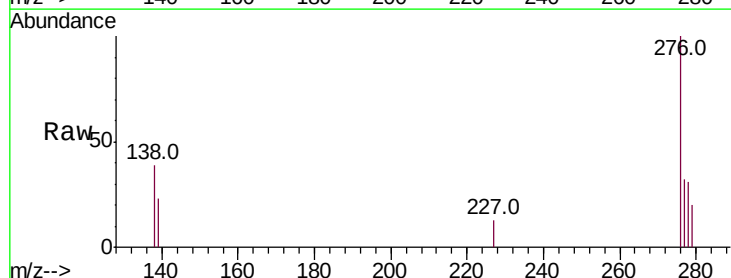
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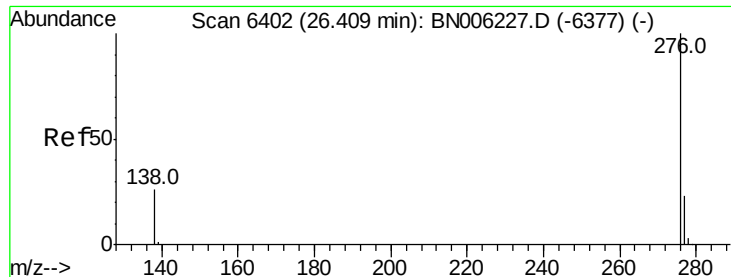
Tot Ion:276 Resp: 2908
 Ion Ratio Lower Upper
 276 100
 138 25.4 25.6 38.4#
 227 0.1 0.3 0.5#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 25.75 min Scan# 6206
 Delta R.T. 0.00 min
 Lab File: BN006344.D
 Acq: 17 Jun 2019 12:58

Tgt Ion:278 Resp: 777
 Ion Ratio Lower Upper
 278 100
 139 74.7 21.2 31.8#
 279 64.0 22.6 33.8#





#26

Benzo(a,h,i)perylene

Concen: 0.064 ng/ul

RT: 26.43 min Scan# 6409

Delta R.T. 0.00 min

Lab File: BN006344.D

Acq: 17 Jun 2019 12:58

Instrument :

BNA_N

ClientSampleId :

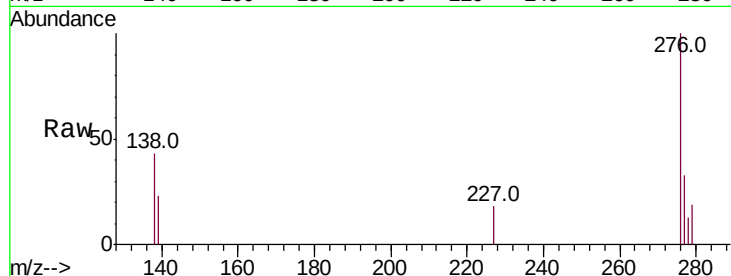
Tot Ion:276 Resp: 2396

Ion Ratio Lower Upper

276 100

138 42.9 24.2 36.4#

277 32.8 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

