

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
 Data File : BN000968.D
 Acq On : 27 Apr 2018 15:47
 Operator : JU/SJ
 Sample : J2440-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Y45

Quant Time: Apr 28 03:44:34 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 28 03:01:48 2018
 Response via : Initial Calibration

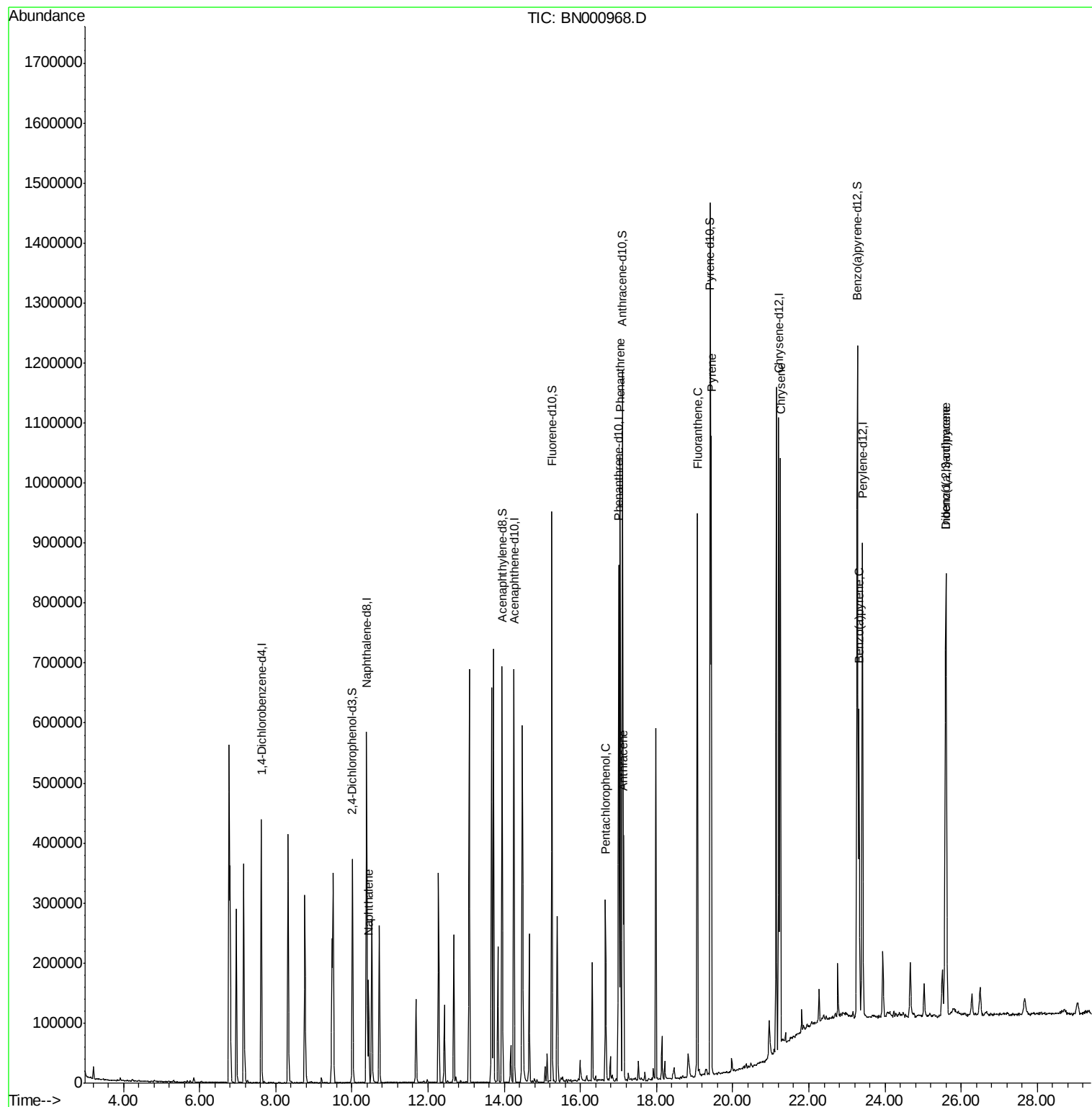
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	109146	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	447898	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	221326	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	458544	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	448368	20.00	ng/ul	0.00
23) Perylene-d12	23.41	264	472187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	132765	20.83	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	446892	20.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	334996	23.47	ng/ul	0.00
15) Anthracene-d10	17.10	188	598785	28.24	ng/ul	0.00
19) Pyrene-d10	19.41	212	666647	29.54	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	738469	33.17	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.43	128	132879	5.860	ng/ul	99
13) Pentachlorophenol	16.66	266	47340	17.086	ng/ul	97
14) Phenanthrene	17.05	178	567235	22.642	ng/ul	99
16) Anthracene	17.14	178	236039	9.318	ng/ul	98
17) Fluoranthene	19.07	202	532141	21.606	ng/ul#	76
20) Pyrene	19.44	202	567726	20.000	ng/ul#	73
22) Chrysene	21.25	228	443101	17.539	ng/ul	99
27) Benzo(a)pyrene	23.32	252	267282	10.227	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.60	276	528411	18.104	ng/ul#	86
29) Dibenzo(a,h)anthracene	25.60	278	279886	11.466	ng/ul#	89

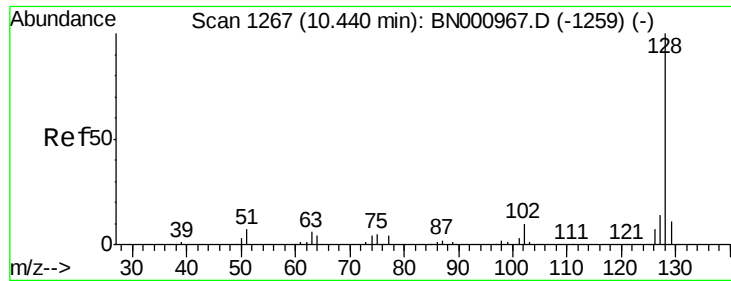
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Naphthalene

Concen: 5.860 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

Instrument :

BNA_N

ClientSampled :

A3Y45

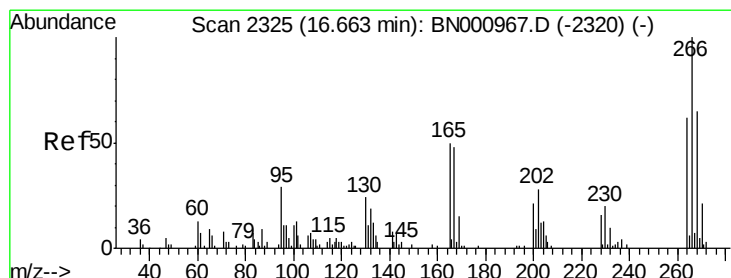
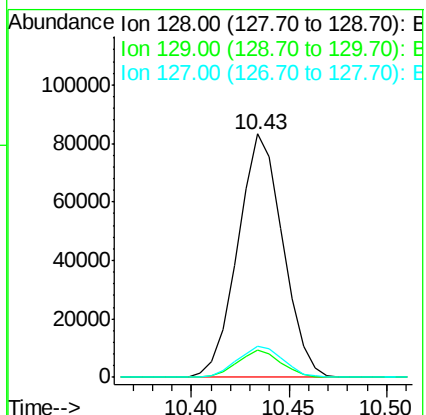
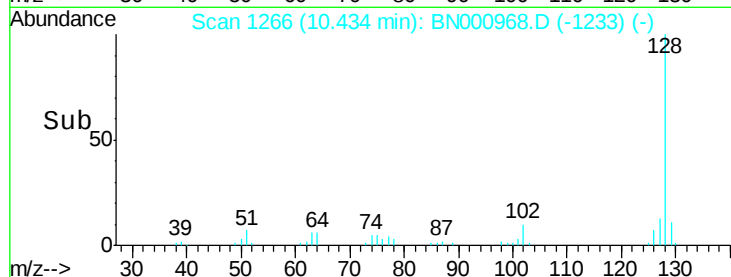
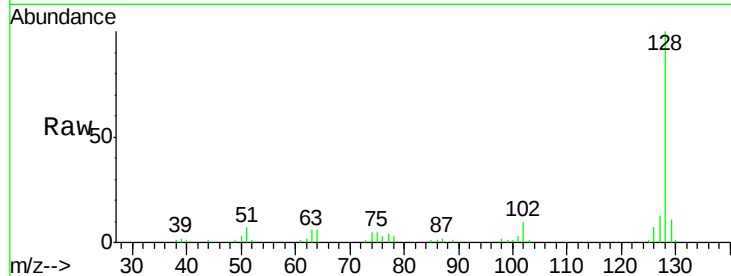
Tot Ion:128 Resp: 132879

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.8 10.6 16.0



#13

Pentachlorophenol

Concen: 17.086 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

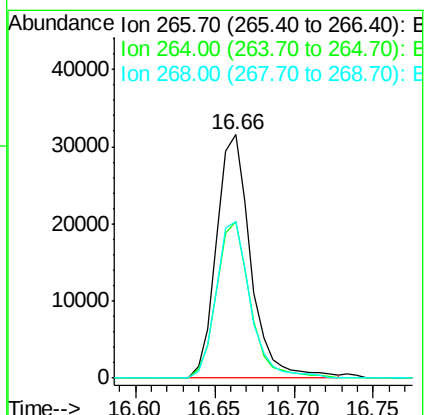
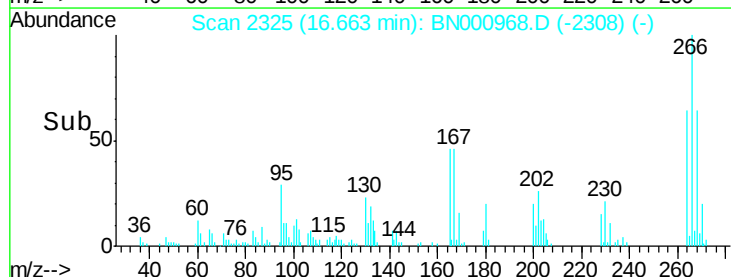
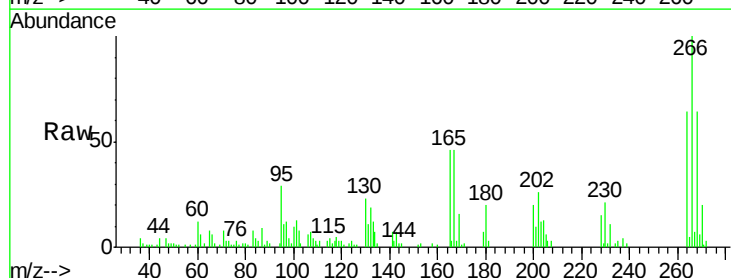
Tgt Ion:266 Resp: 47340

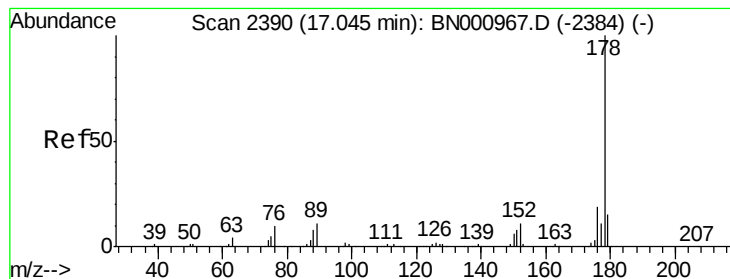
Ion Ratio Lower Upper

266 100

264 64.2 49.3 73.9

268 64.1 52.6 78.8





#14

Phenanthrene

Concen: 22.642 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

Instrument :

BNA_N

ClientSampled :

A3Y45

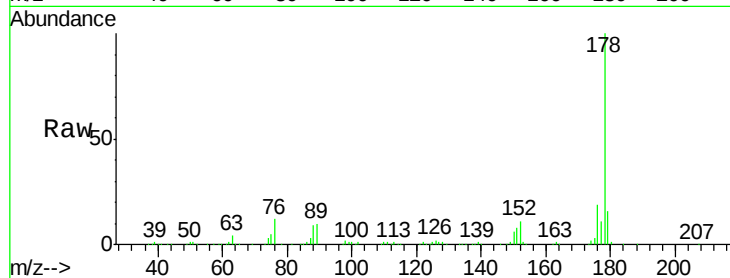
Tot Ion:178 Resp: 567235

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.1	14.9	22.3

178 100

179 15.7 12.6 19.0

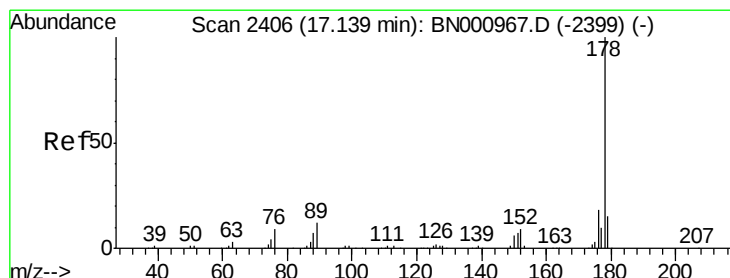
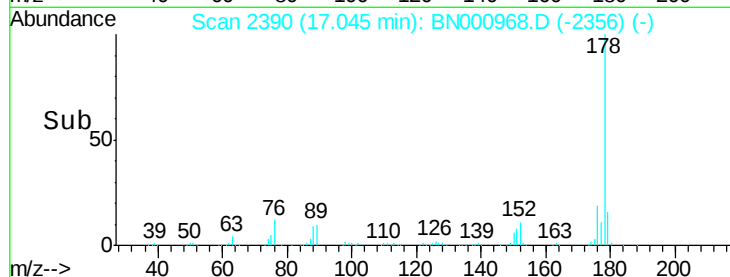
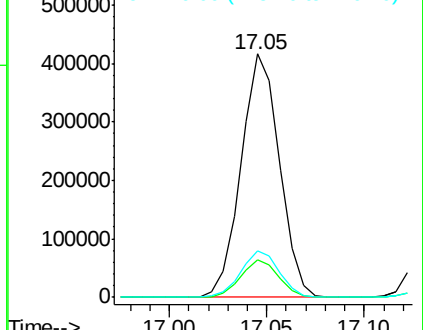
176 19.1 14.9 22.3



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



#16

Anthracene

Concen: 9.318 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

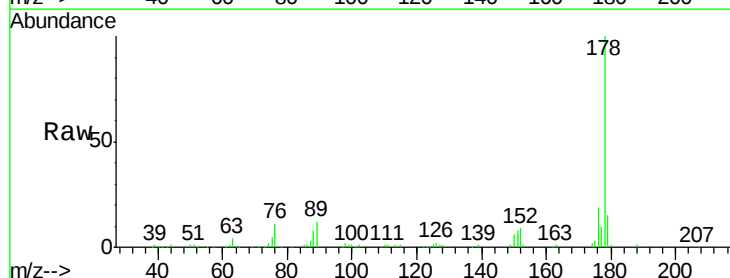
Tgt Ion:178 Resp: 236039

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.0	14.6	21.8

178 100

179 15.3 11.7 17.5

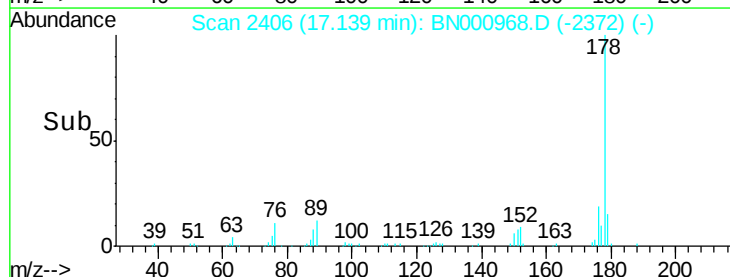
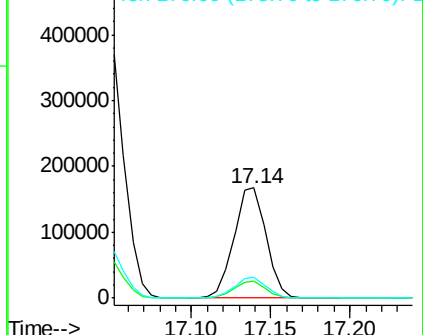
176 19.0 14.6 21.8

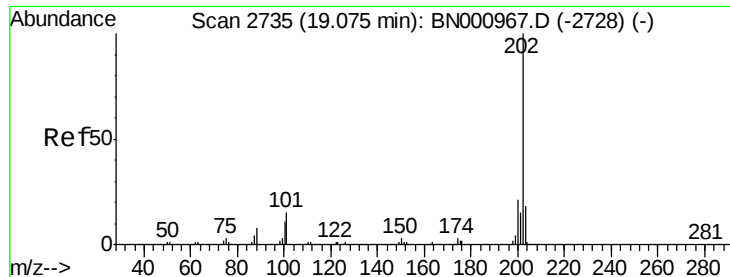


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Fluoranthene

Concen: 21.606 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

Instrument :

BNA_N

ClientSampled :

A3Y45

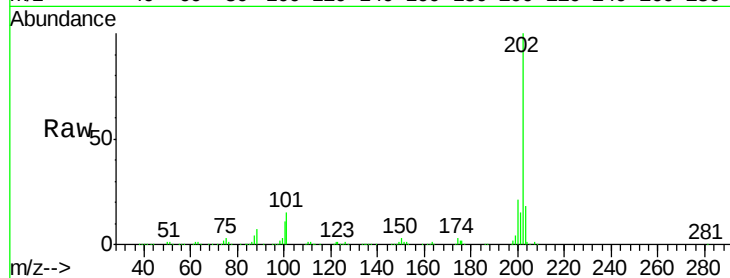
Tot Ion:202 Resp: 532141

Ion Ratio Lower Upper

202 100

101 14.5 4.6 7.0#

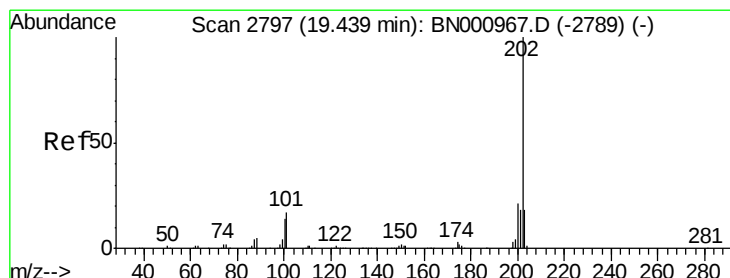
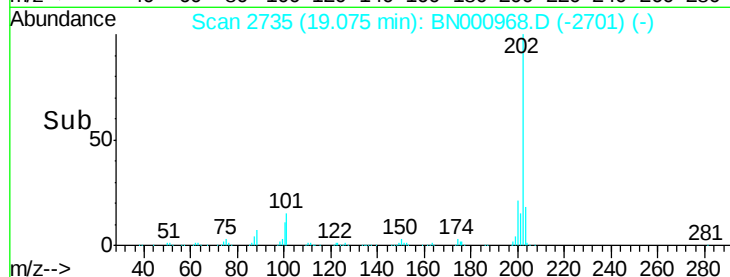
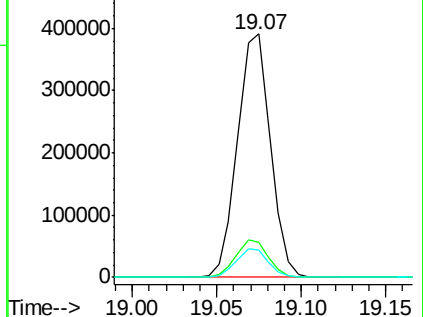
100 11.2 3.4 5.2#



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



#20

Pyrene

Concen: 20.000 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

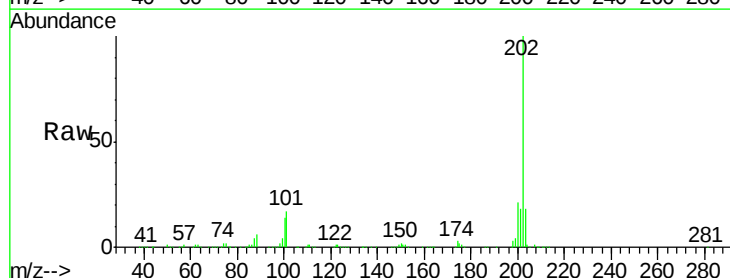
Tgt Ion:202 Resp: 567726

Ion Ratio Lower Upper

202 100

101 17.0 5.1 7.7#

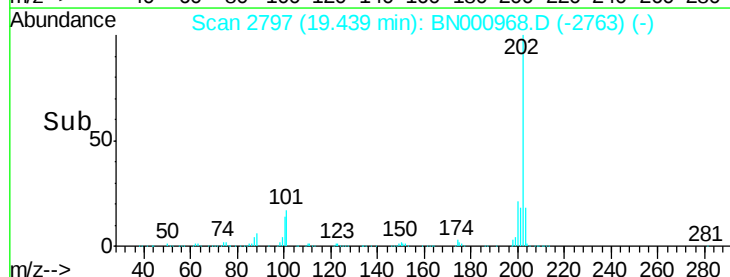
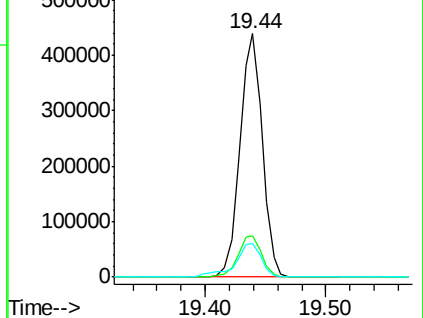
100 13.8 4.9 7.3#

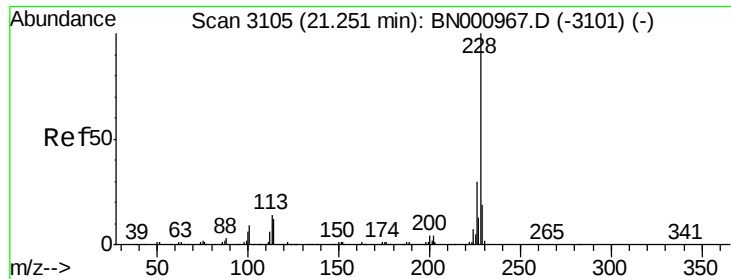


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#22

Chrysene

Concen: 17.539 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

Instrument :

BNA_N

ClientSampleId :

A3Y45

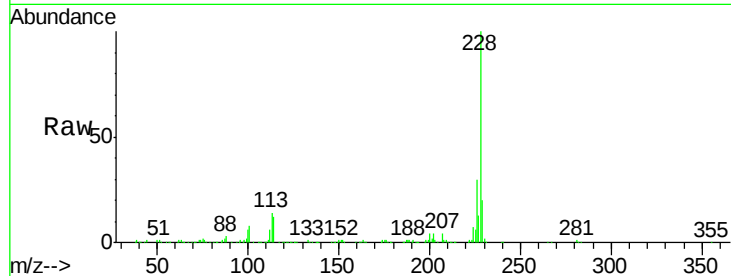
Tot Ion:228 Resp: 443101

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

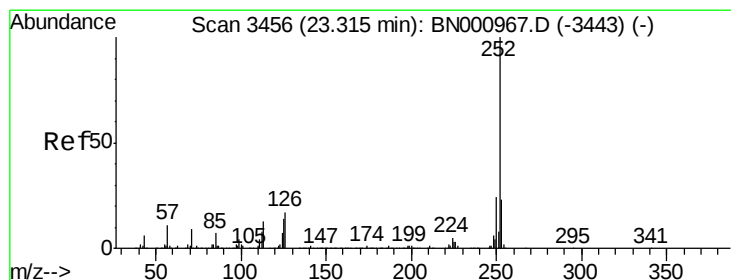
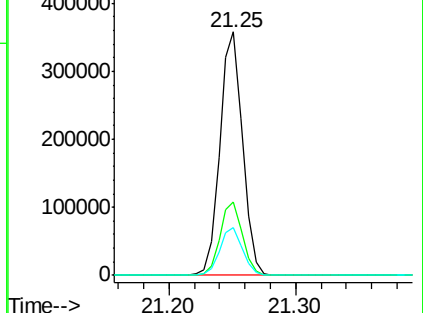
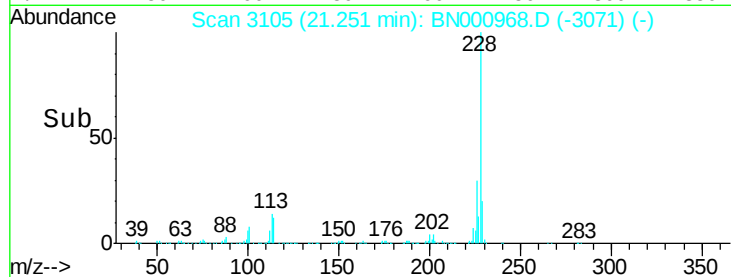
229 19.5 15.5 23.3



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



#27

Benzo(a)pyrene

Concen: 10.227 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

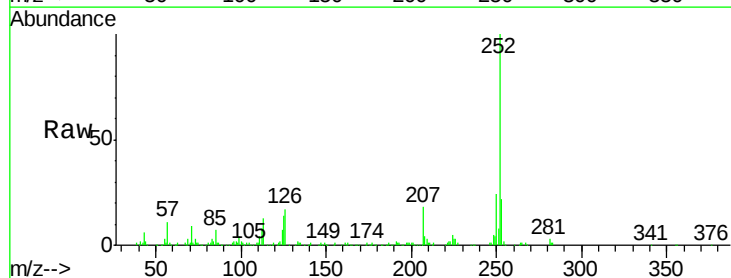
Tgt Ion:252 Resp: 267282

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

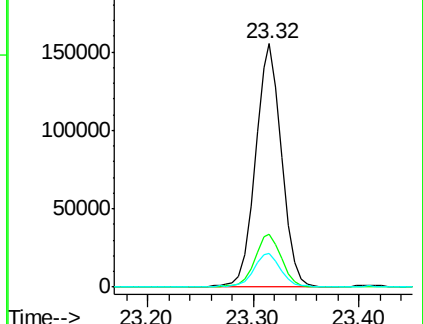
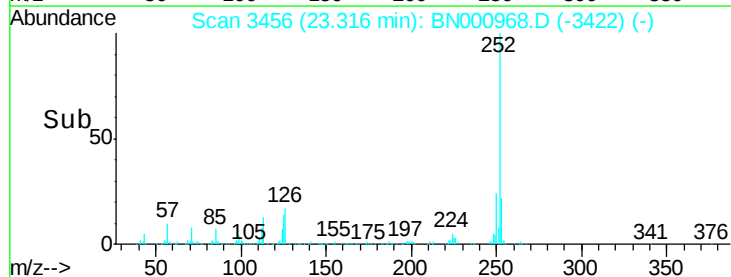
125 14.0 4.0 6.0#

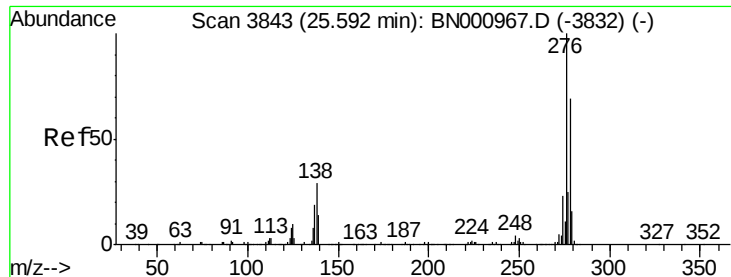


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Indeno(1,2,3-cd)pyrene

Concen: 18.104 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

Instrument :

BNA_N

ClientSampleId :

A3Y45

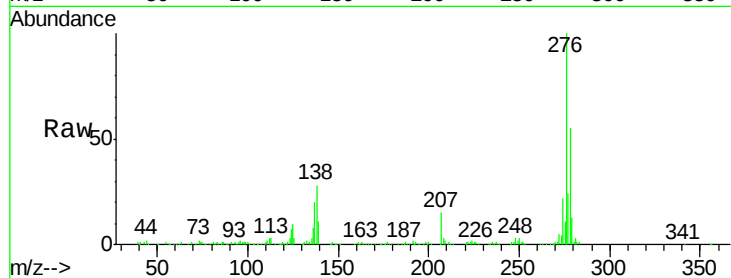
Tot Ion:276 Resp: 528411

Ion Ratio Lower Upper

276 100

138 27.7 9.3 13.9#

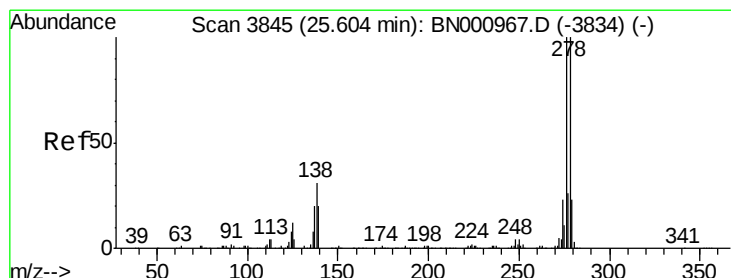
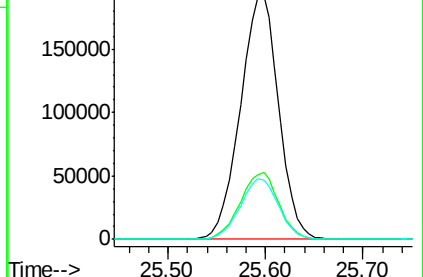
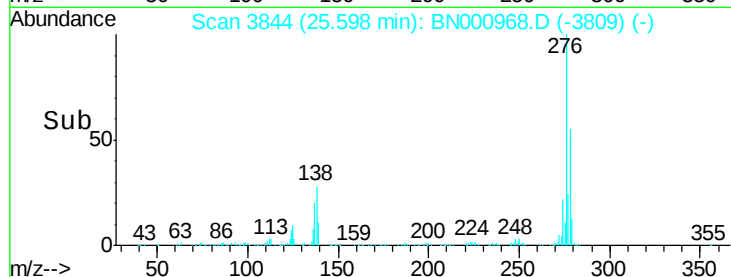
277 24.4 19.9 29.9



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



#29

Dibenzo(a,h)anthracene

Concen: 11.466 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. 0.00 min

Lab File: BN000968.D

Acq: 27 Apr 2018 15:47

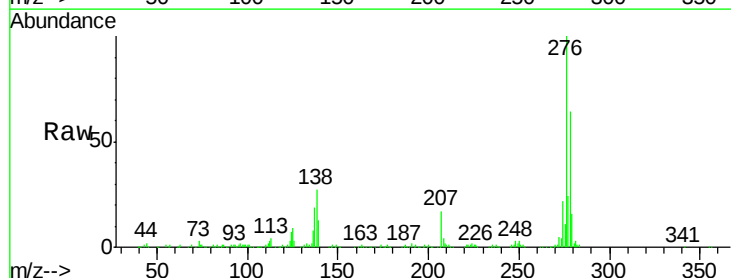
Tgt Ion:278 Resp: 279886

Ion Ratio Lower Upper

278 100

139 20.2 5.8 8.8#

279 24.4 18.6 27.8



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

