

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
 Data File : BN000970.D
 Acq On : 27 Apr 2018 20:06
 Operator : JU/SJ
 Sample : J2440-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 28 03:03:00 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

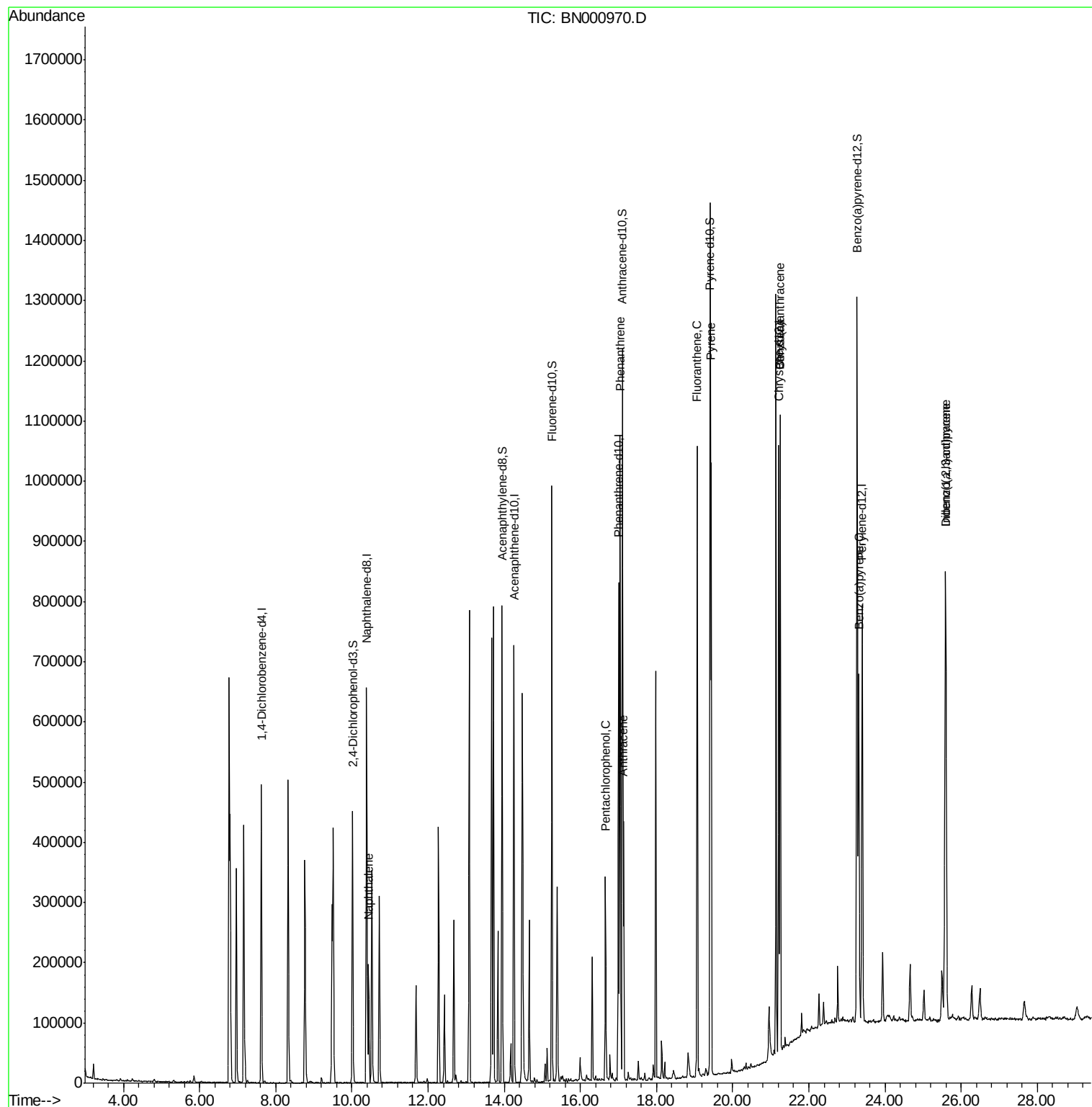
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	122664	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	496435	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	228713	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	435002	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	418445	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	442094	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	155239	21.98	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	496330	22.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	358220	24.28	ng/ul	0.00
15) Anthracene-d10	17.10	188	626233	31.14	ng/ul	0.00
19) Pyrene-d10	19.40	212	698732	33.18	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	779773	37.41	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.43	128	156809	6.239	ng/ul	99
13) Pentachlorophenol	16.66	266	50166	19.085	ng/ul	96
14) Phenanthrene	17.05	178	594371	25.009	ng/ul	99
16) Anthracene	17.13	178	243269	10.123	ng/ul	99
17) Fluoranthene	19.07	202	554032	23.712	ng/ul#	75
20) Pyrene	19.43	202	588648	22.220	ng/ul#	70
21) Benzo(a)anthracene	21.25	228	461665	18.518	ng/ul	95
22) Chrysene	21.25	228	461665	19.581	ng/ul	98
27) Benzo(a)pyrene	23.31	252	306357	12.520	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.59	276	553407	20.251	ng/ul#	86
29) Dibenzo(a,h)anthracene	25.60	278	294195	12.873	ng/ul#	91

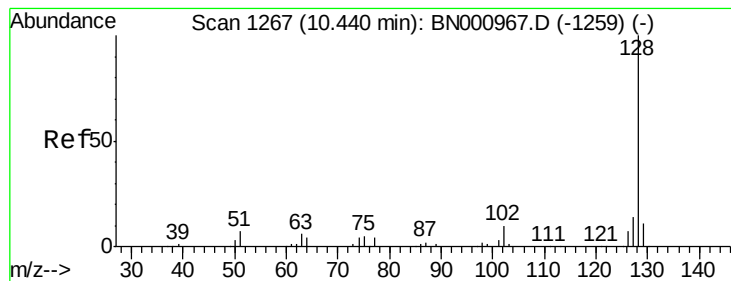
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Naphthalene

Concen: 6.239 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

Instrument :

BNA_N

ClientSampleId :

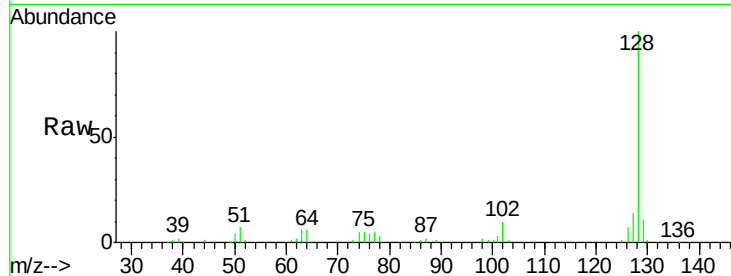
Tot Ion:128 Resp: 156809

Ion Ratio Lower Upper

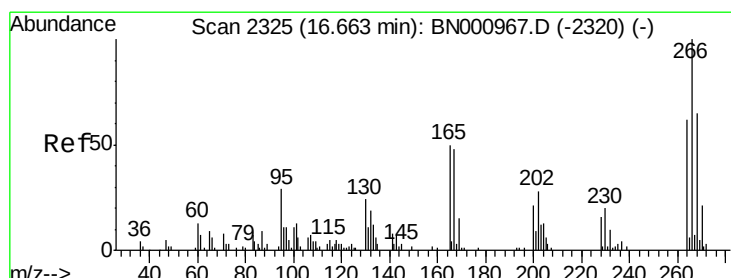
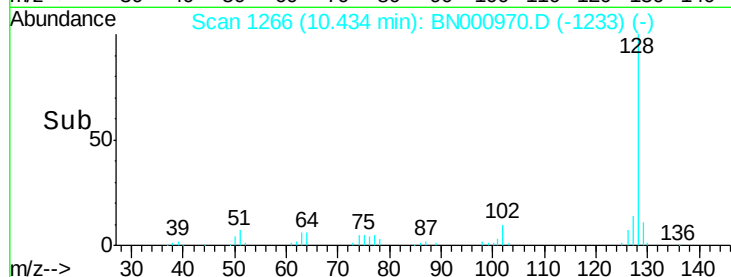
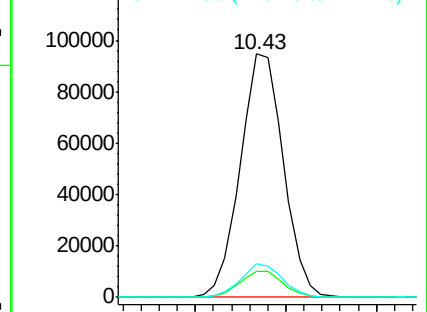
128 100

129 10.7 8.8 13.2

127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#13

Pentachlorophenol

Concen: 19.085 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

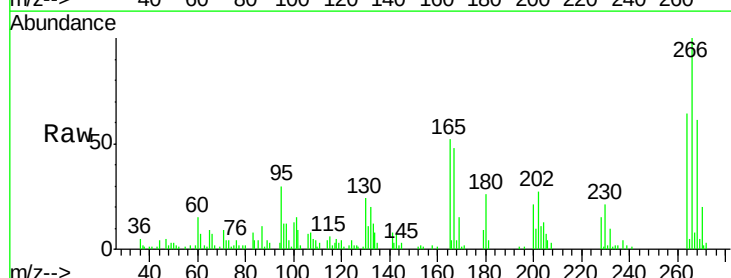
Tgt Ion:266 Resp: 50166

Ion Ratio Lower Upper

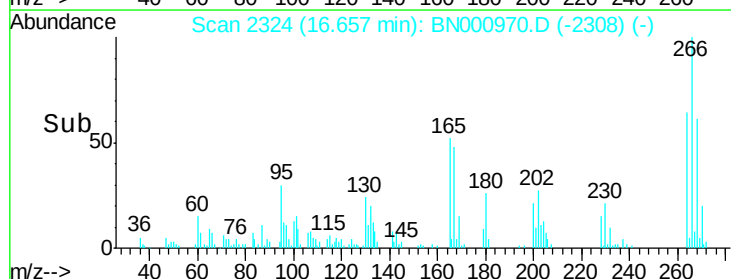
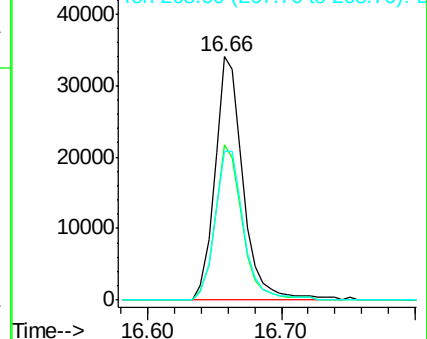
266 100

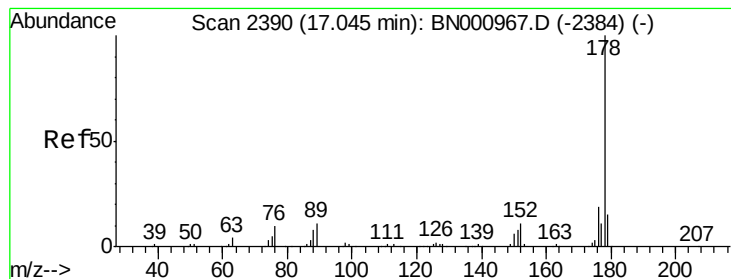
264 63.6 49.3 73.9

268 61.0 52.6 78.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 25.009 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

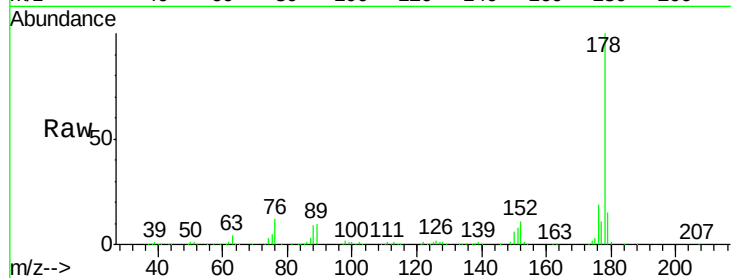
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 594371

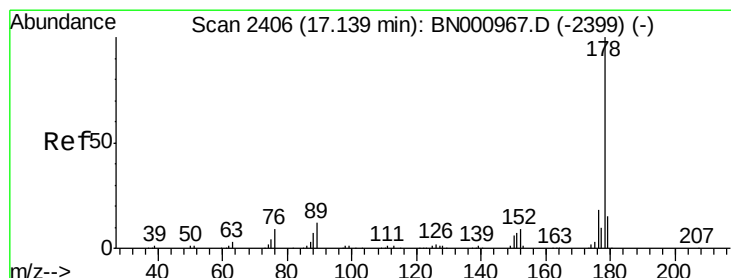
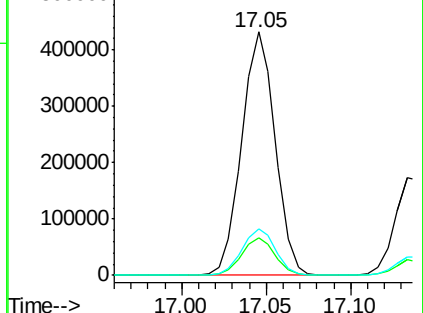
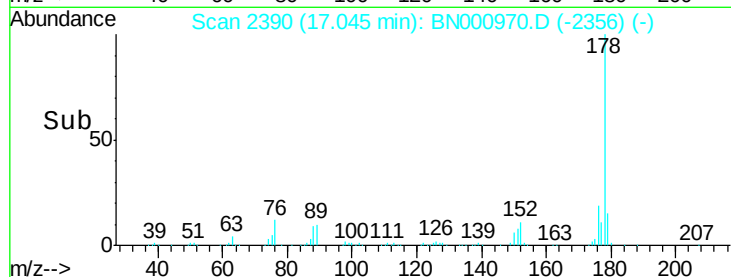
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.2	14.9	22.3



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: 10.123 ng/ul

RT: 17.13 min Scan# 2405

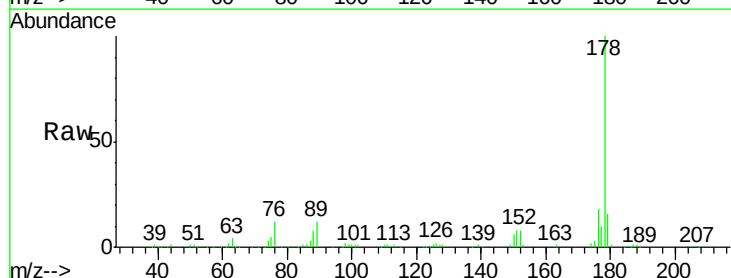
Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

Tgt Ion:178 Resp: 243269

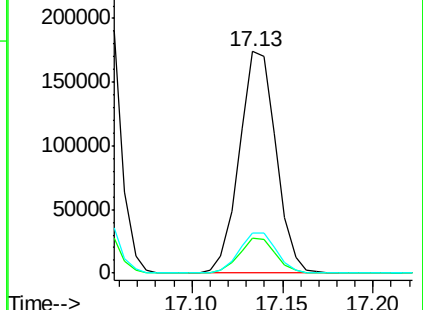
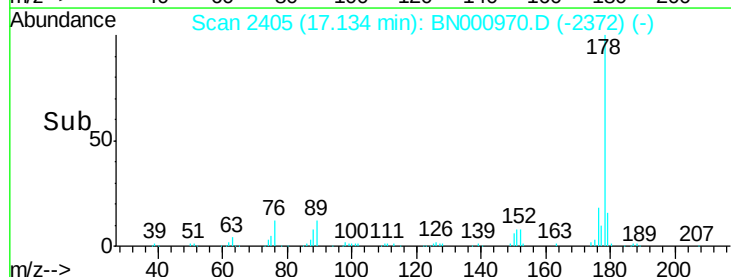
Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.4	14.6	21.8

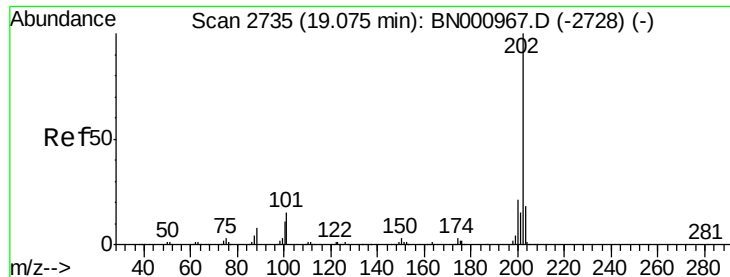


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

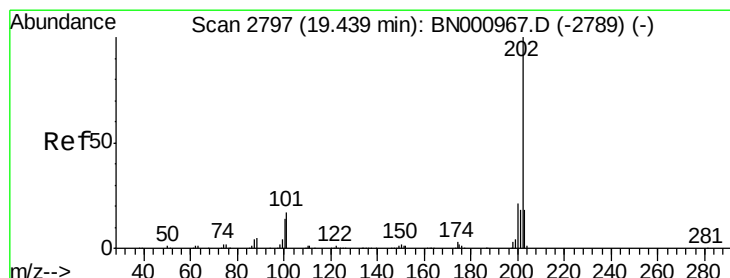
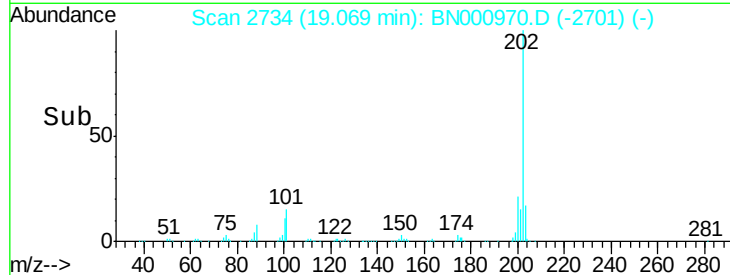
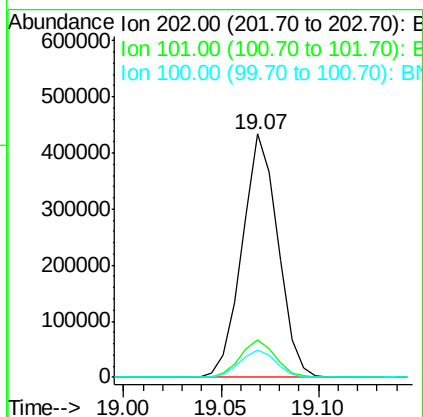
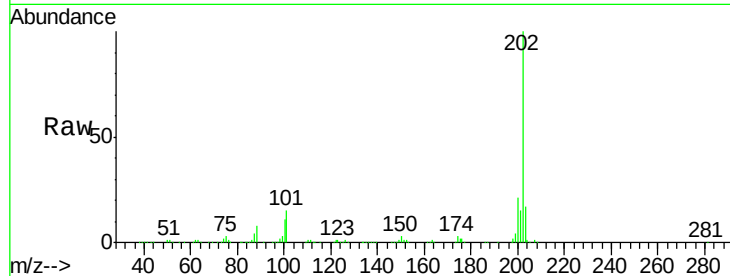




#17
Fluoranthene
Concen: 23.712 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000970.D
Acq: 27 Apr 2018 20:06

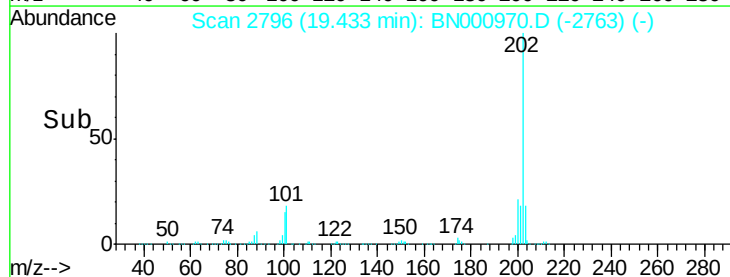
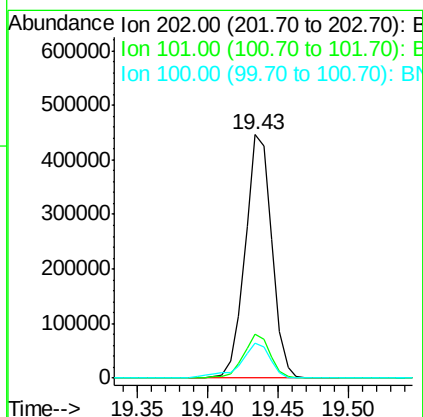
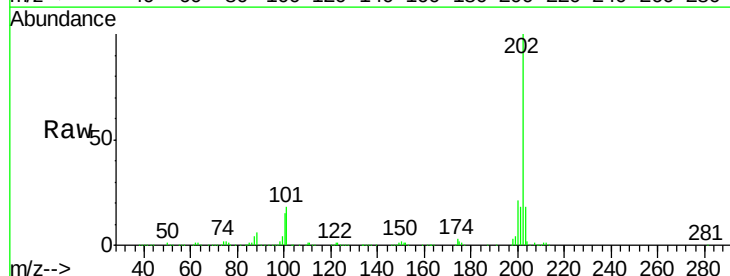
Instrument :
BNA_N
ClientSampled :

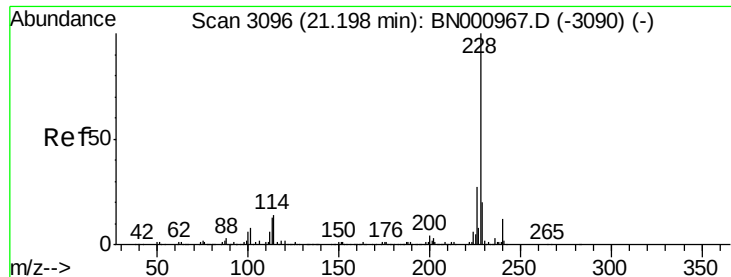
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	4.6	7.0#
100	11.2	3.4	5.2#



#20
Pyrene
Concen: 22.220 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN000970.D
Acq: 27 Apr 2018 20:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	5.1	7.7#
100	14.5	4.9	7.3#

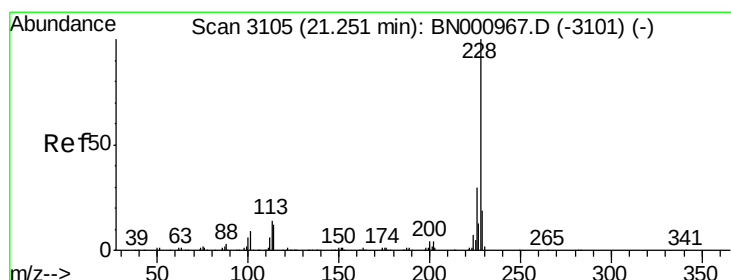
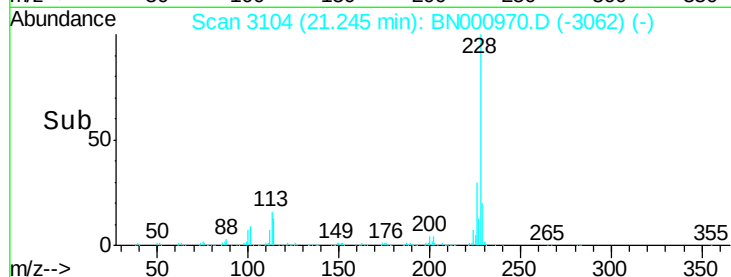
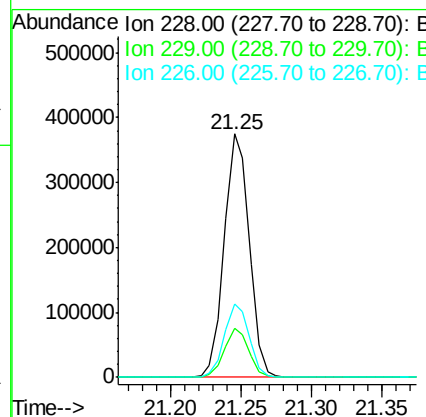
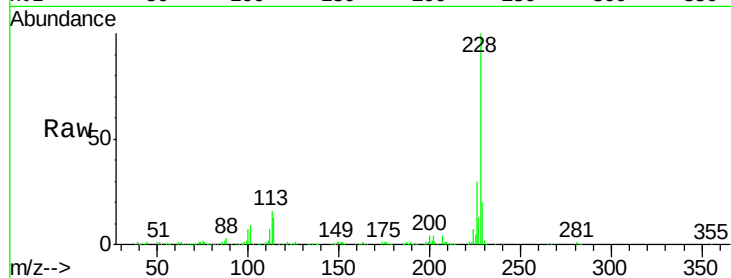




#21
Benzo(a)anthracene
Concen: 18.518 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BN000970.D
Acq: 27 Apr 2018 20:06

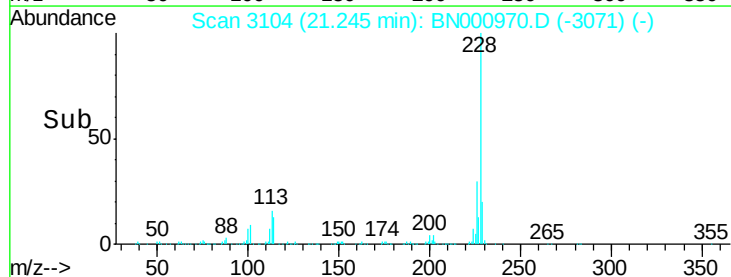
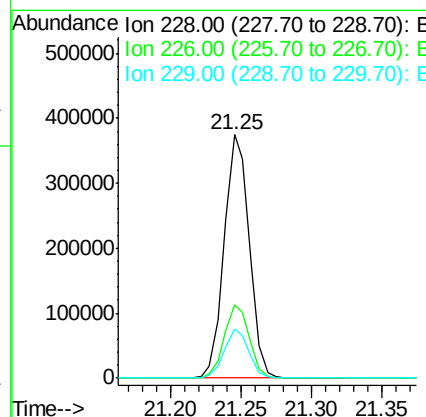
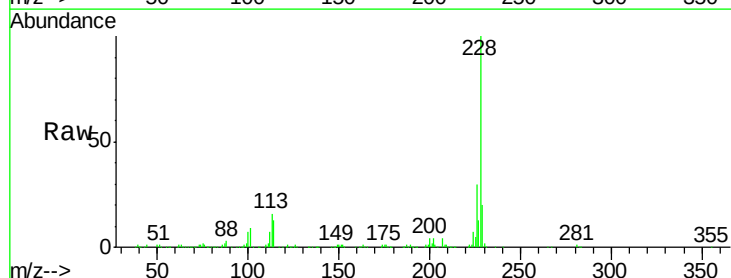
Instrument :
BNA_N
ClientSampleId :

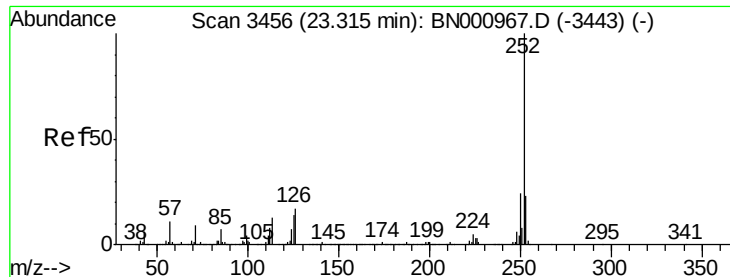
Tot Ion:228 Resp: 461665
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 30.2 21.4 32.0



#22
Chrysene
Concen: 19.581 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN000970.D
Acq: 27 Apr 2018 20:06

Tgt Ion:228 Resp: 461665
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 19.9 15.5 23.3





#27

Benzo(a)pyrene

Concen: 12.520 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

Instrument :

BNA_N

ClientSampleId :

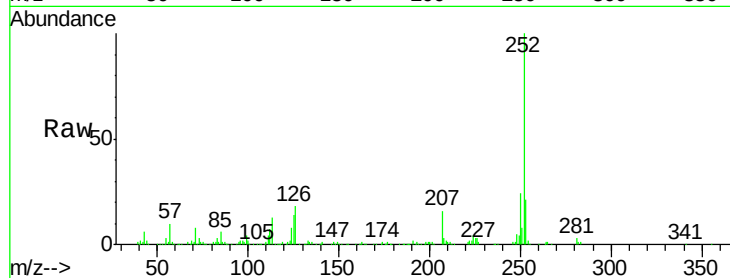
Tot Ion:252 Resp: 306357

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

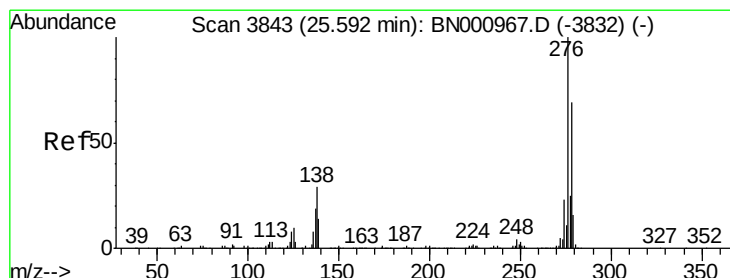
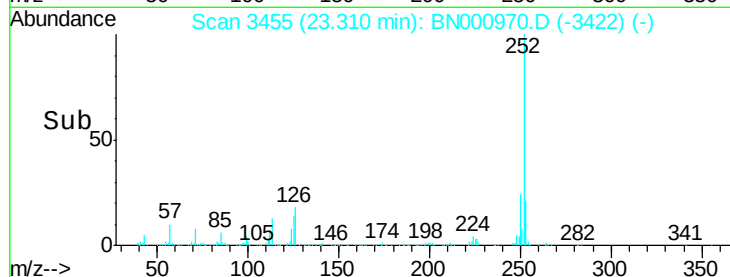
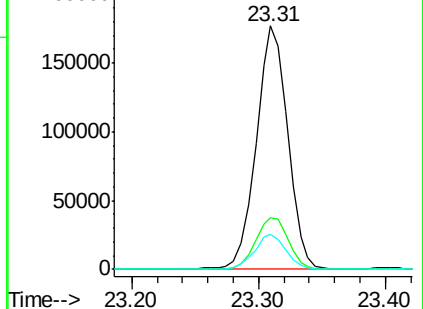
125 14.2 4.0 6.0#



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: 20.251 ng/ul

RT: 25.59 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

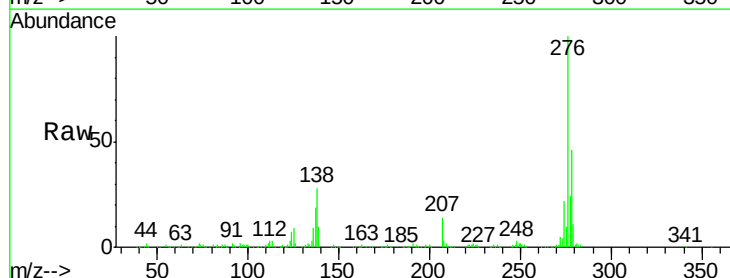
Tgt Ion:276 Resp: 553407

Ion Ratio Lower Upper

276 100

138 28.0 9.3 13.9#

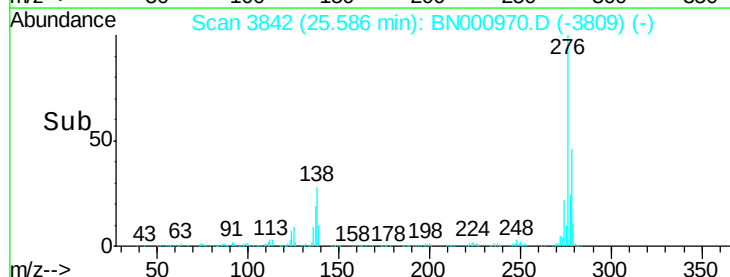
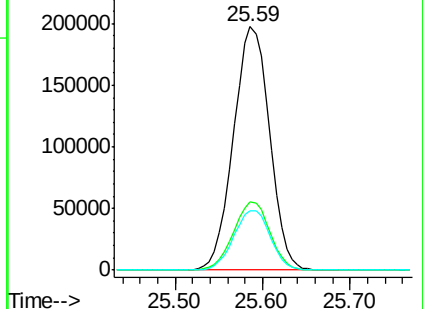
277 24.3 19.9 29.9

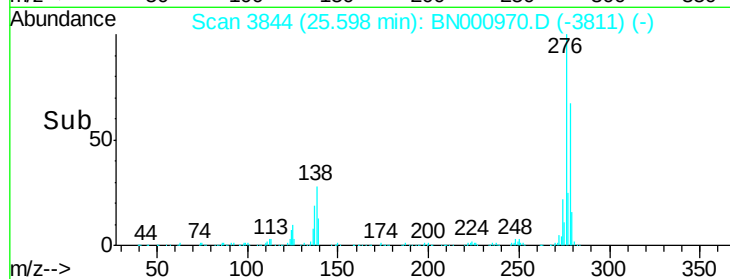
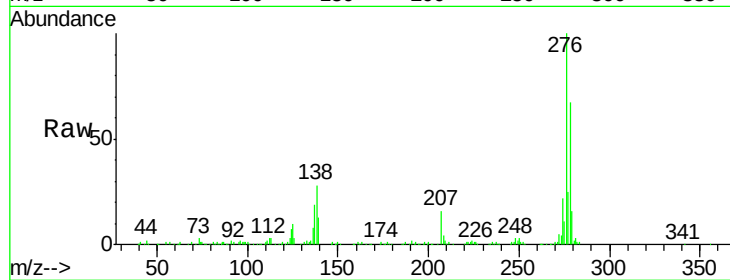
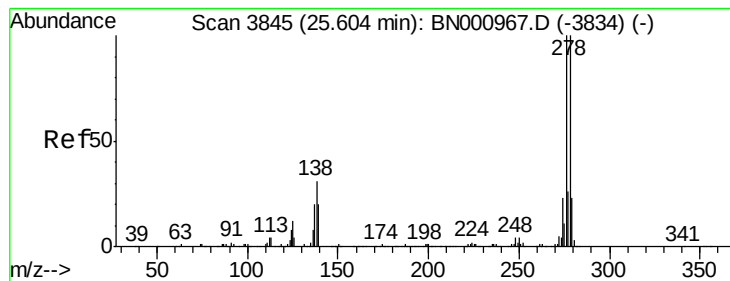


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 12.873 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BN000970.D

Acq: 27 Apr 2018 20:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:278 Resp: 294195

Ion Ratio Lower Upper

278 100

139 19.3 5.8 8.8#

279 23.6 18.6 27.8

