Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021119\
Data File : BN004378.D
Acq On : 11 Feb 2019 15:12
Operator : JU/SJ
Sample : K1410-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2F73DL

Quant Time: Feb 11 16:31:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1117	0.40	ng/ul	0.00
2) Naphthalene-d8	10.54	136	4247	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	2453	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	6774	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	7757	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8956	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1258	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	3896	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.59	128	4134	0.339	ng/ul	98
5) 2-Methylnaphthalene	12.20	142	1987	0.228	ng/ul	99
9) Fluorene	15.44	166	3685	0.317	ng/ul	98
11) Pentachlorophenol	16.78	266	2192	1.520	ng/ul	96
13) Anthracene	17.27	178	7959	0.429	ng/ul	100
15) Fluoranthene	19.20	202	9122	0.338	ng/ul	99
17) Pyrene	19.56	202	10517	0.421	ng/ul	99
19) Chrysene	21.37	228	8479	0.292	ng/ul	99
21) Benzo(b)fluoranthene	22.91	252	9334	0.261	ng/ul	95
23) Benzo(a)pyrene	23.50	252	11355	0.355	ng/ul	98
25) Dibenzo(a,h)anthracene	25.91	278	24546	0.720	ng/ul	98

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

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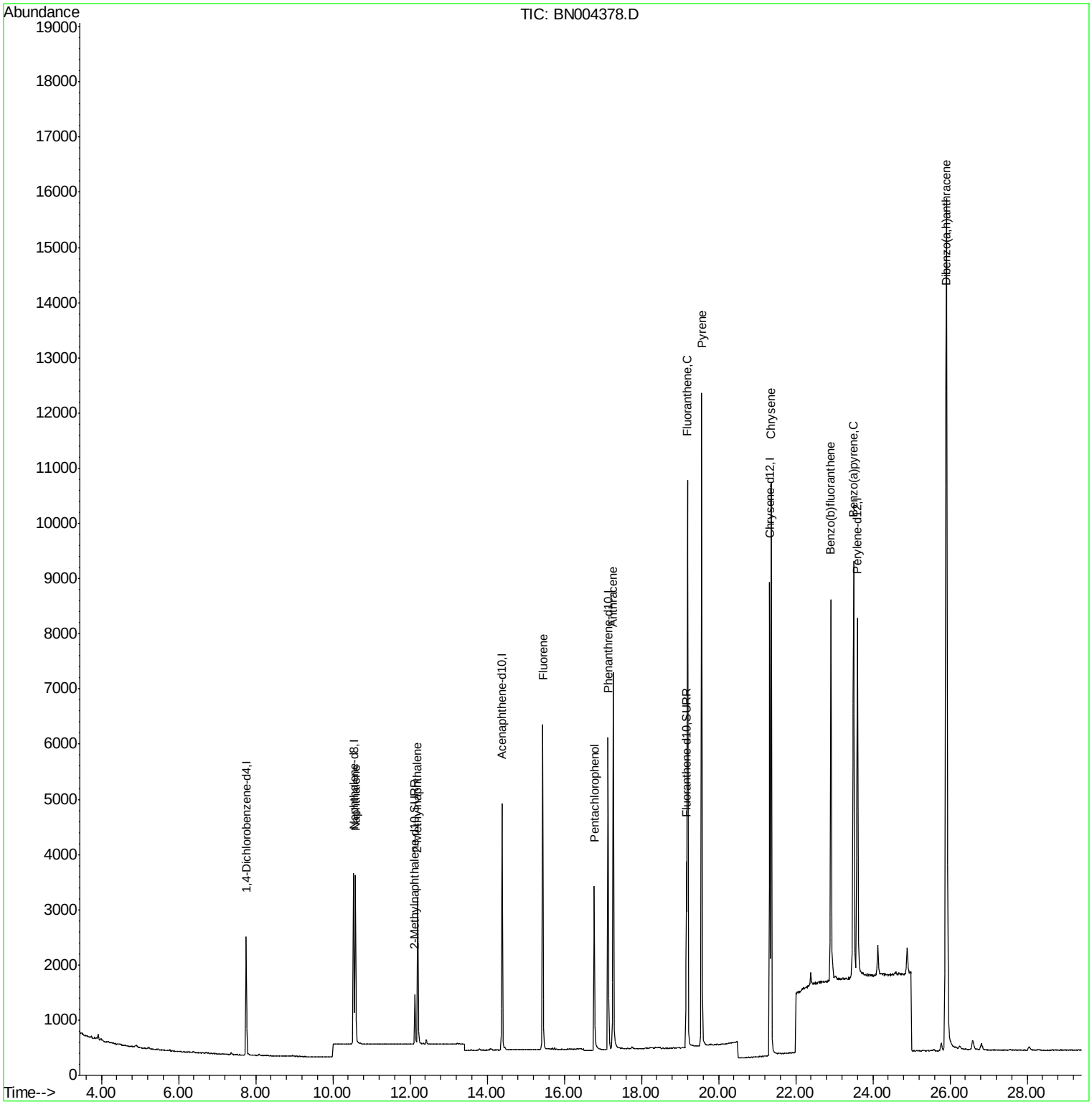
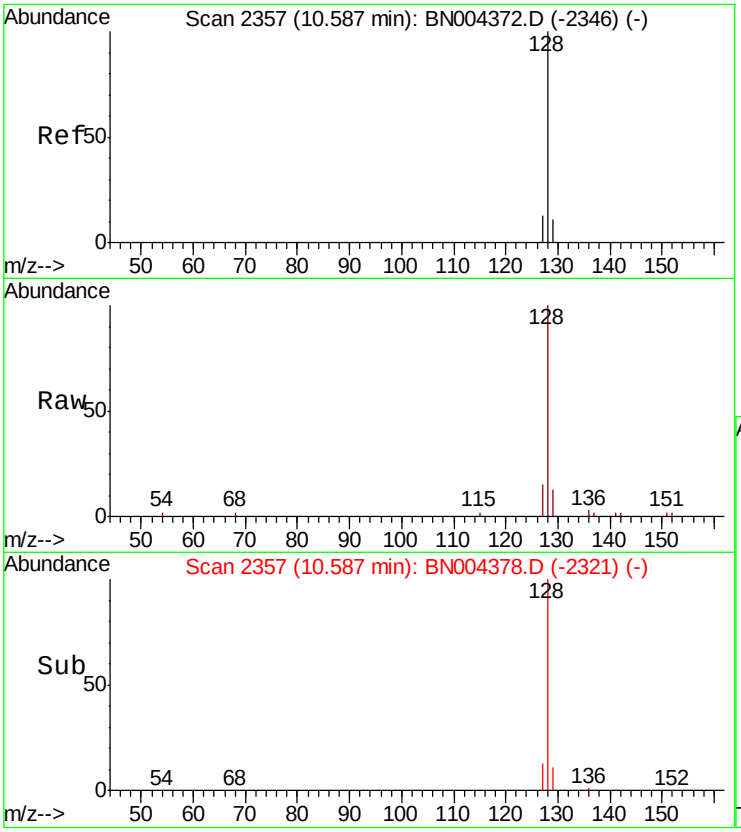


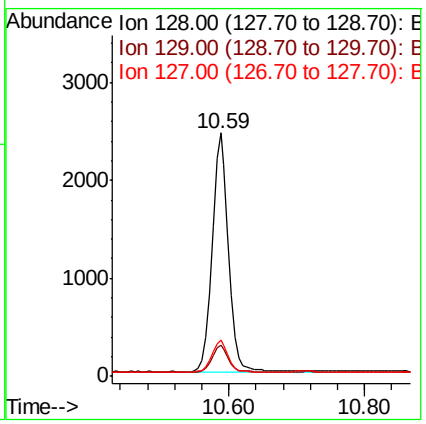


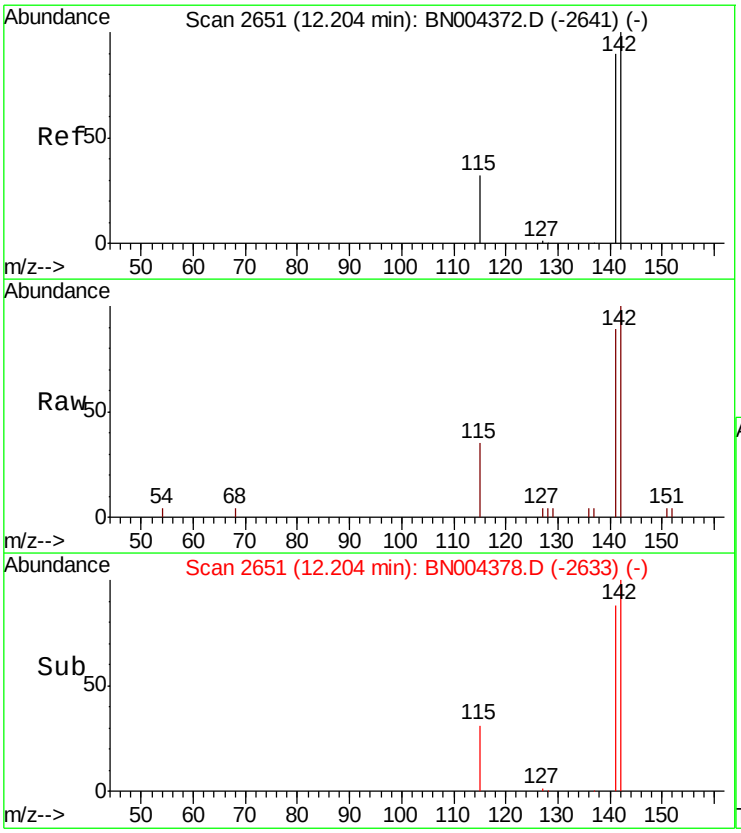
#3
Naphthalene
Concen: 0.339 ng/ul
RT: 10.59 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:128 Resp: 4134

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.6
127	14.7	11.4	17.0

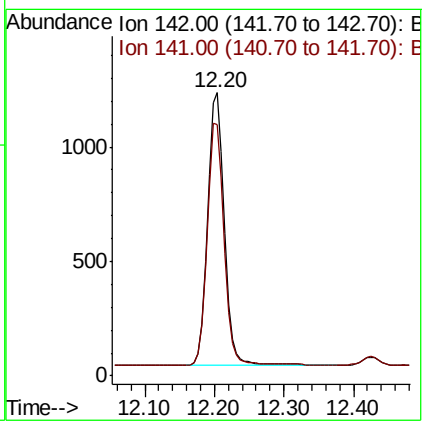


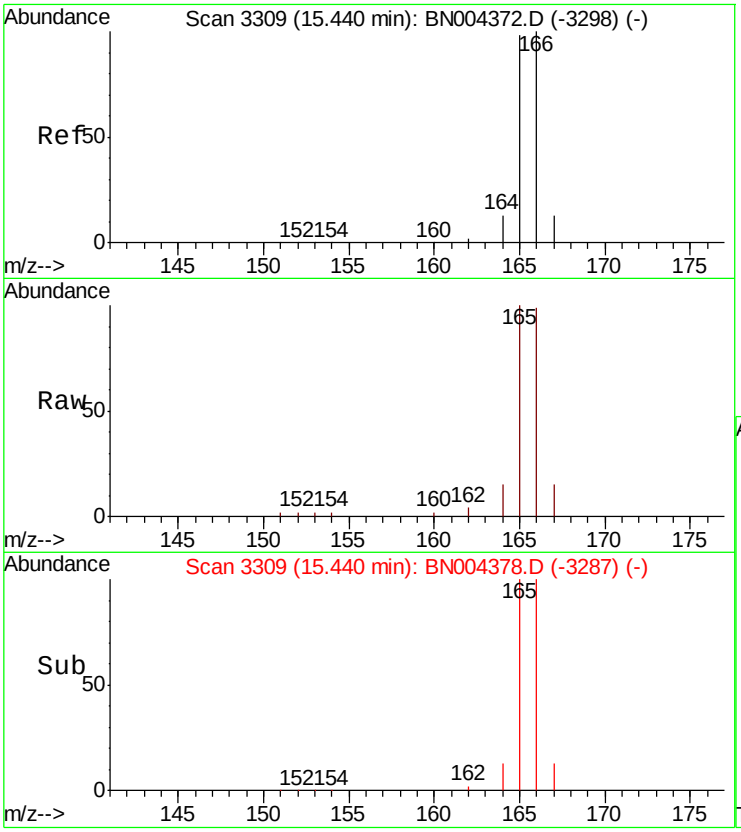


#5
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.20 min Scan# 2651
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Tgt Ion:142 Resp: 1987

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6



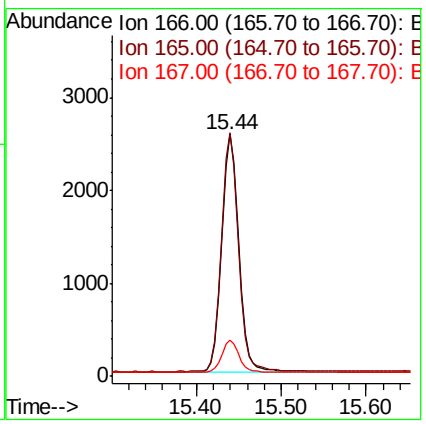


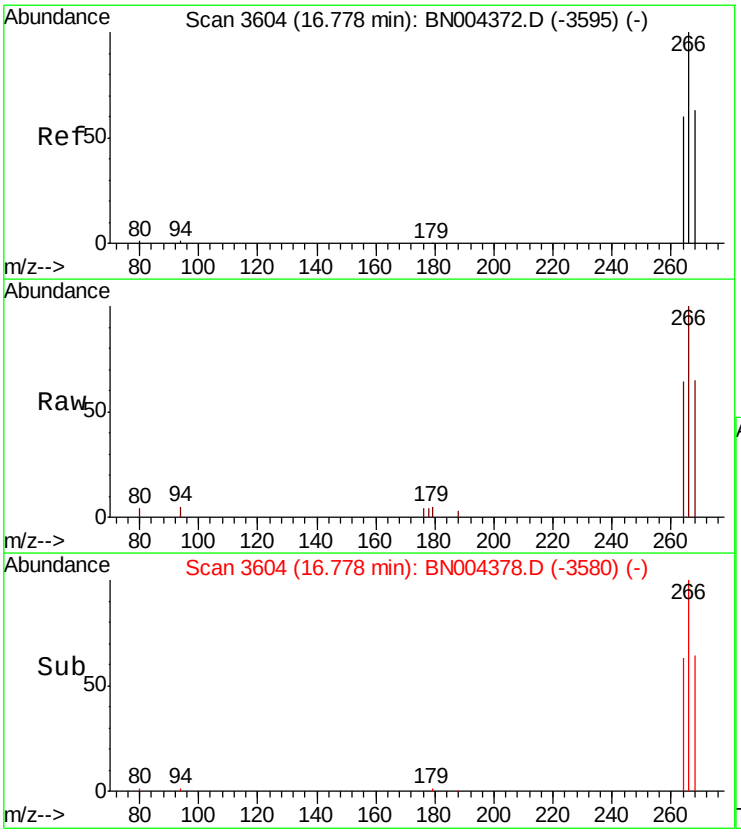
#9
Fluorene
Concen: 0.317 ng/ul
RT: 15.44 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:166 Resp: 3685

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.9	118.3
167	14.8	11.6	17.4

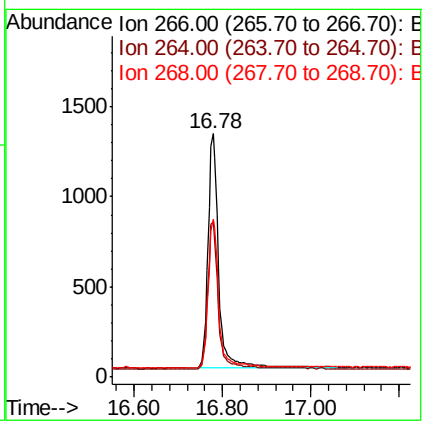


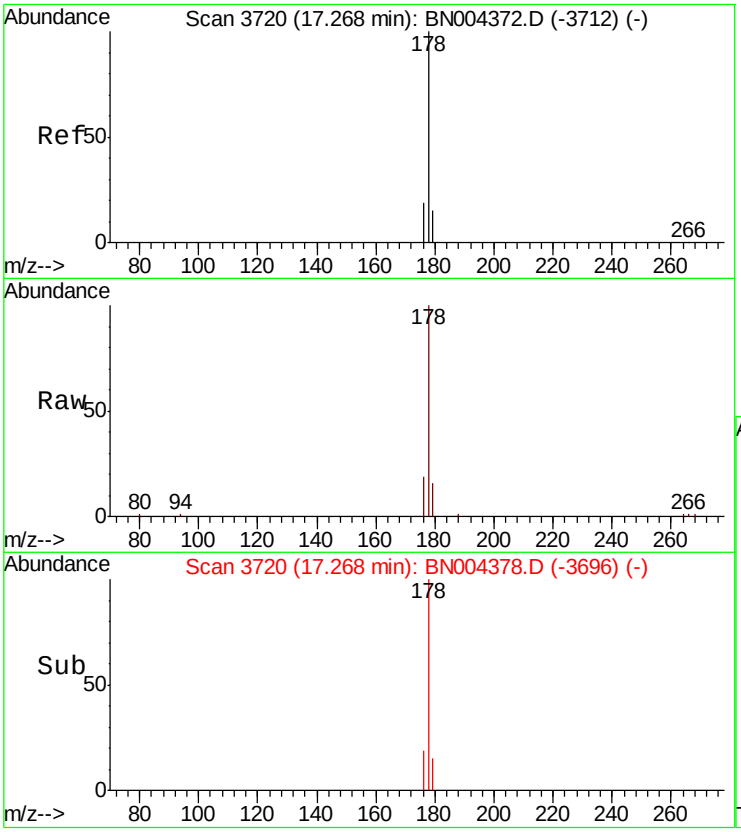


#11
Pentachlorophenol
Concen: 1.520 ng/ul
RT: 16.78 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Tgt Ion:266 Resp: 2192

Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.3	78.5
268	64.8	49.0	73.6



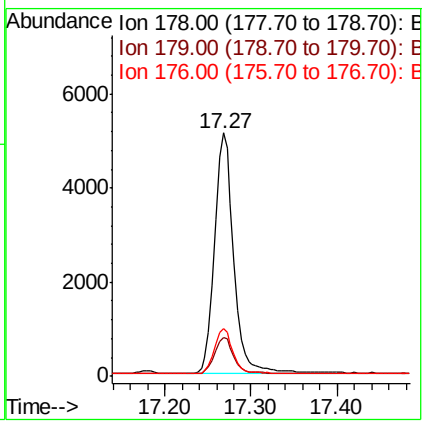


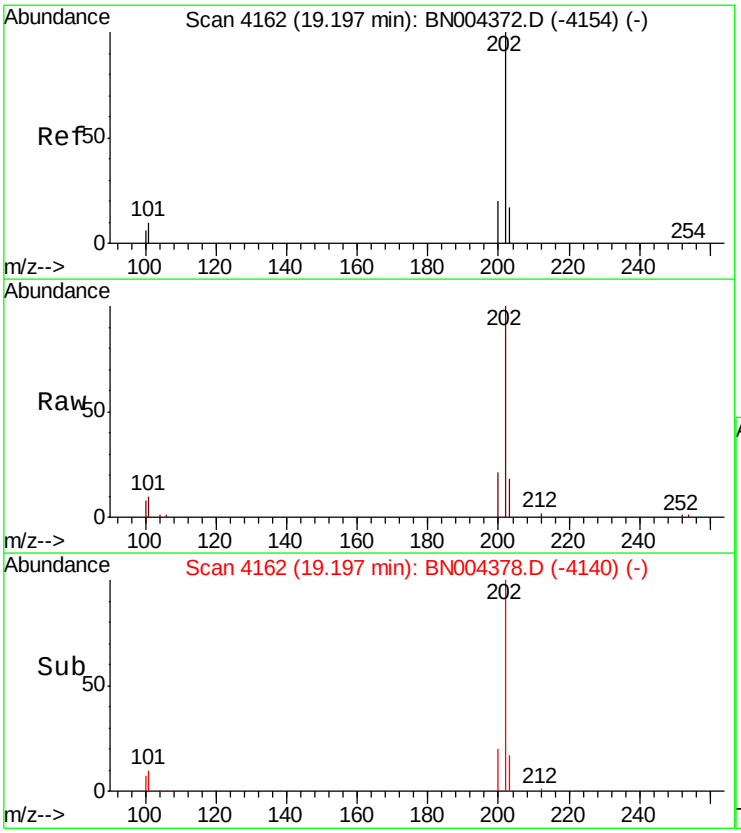
#13
Anthracene
Concen: 0.429 ng/ul
RT: 17.27 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:178 Resp: 7959

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	19.5	15.5	23.3

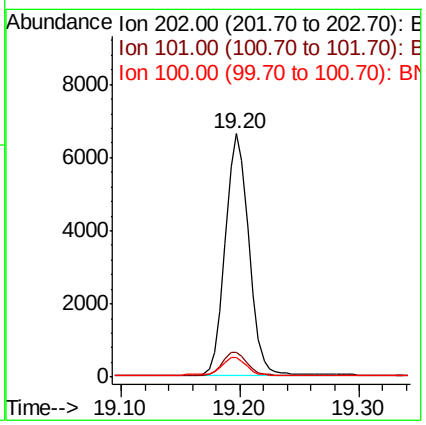


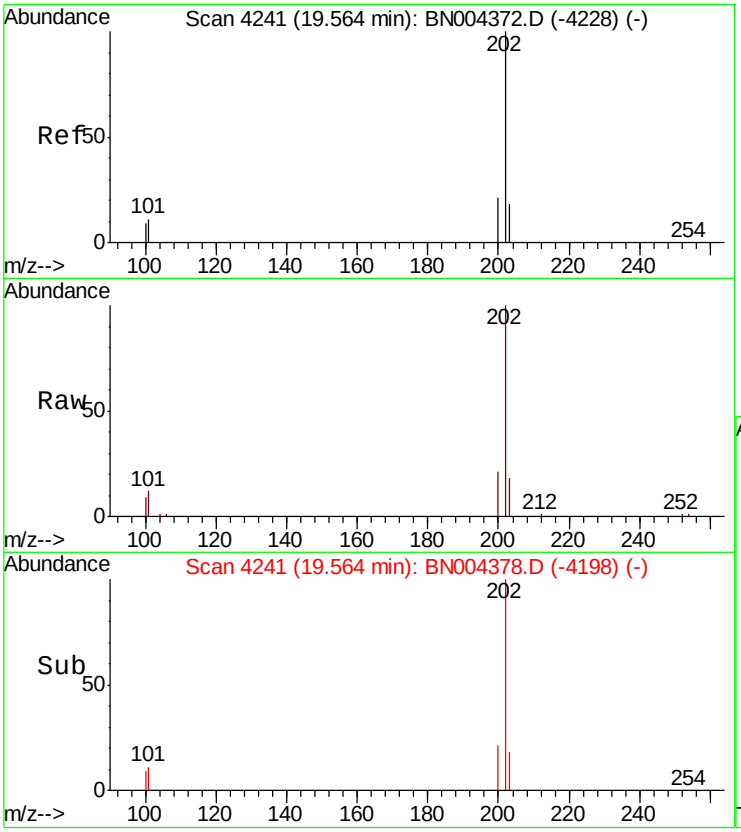


#15
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.20 min Scan# 4162
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Tgt Ion:202 Resp: 9122

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
100	7.9	0.0	27.6



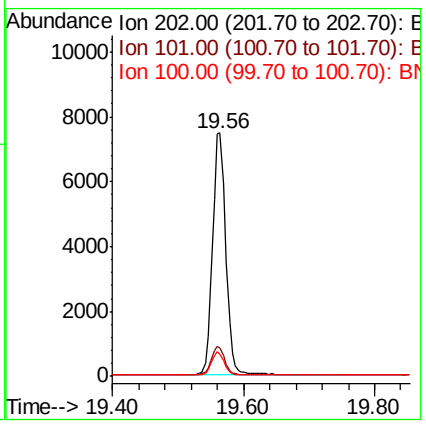


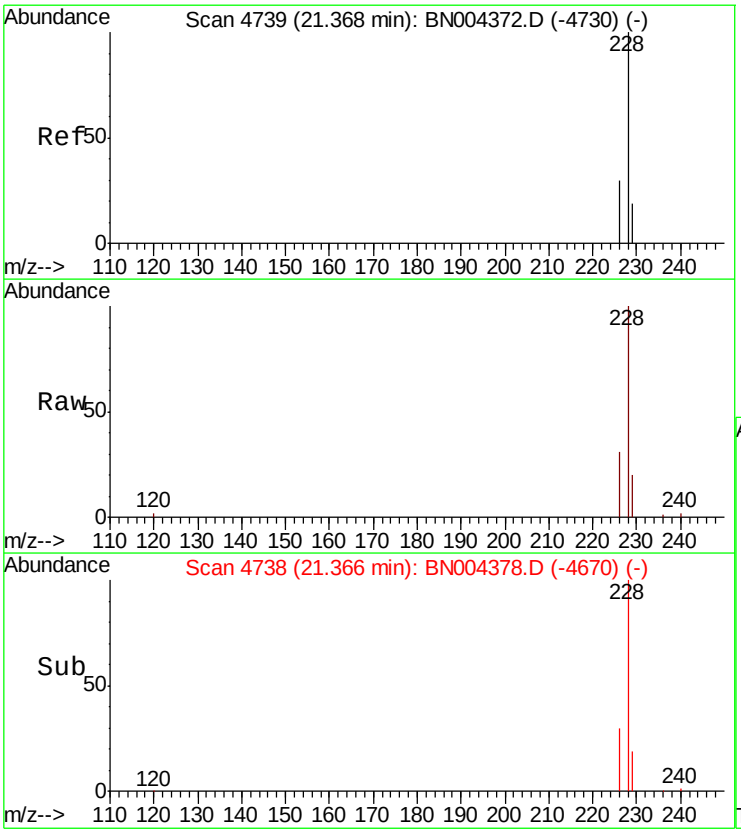
#17
Pyrene
Concen: 0.421 ng/ul
RT: 19.56 min Scan# 4241
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:202 Resp: 10517

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.6
100	9.2	7.4	11.0

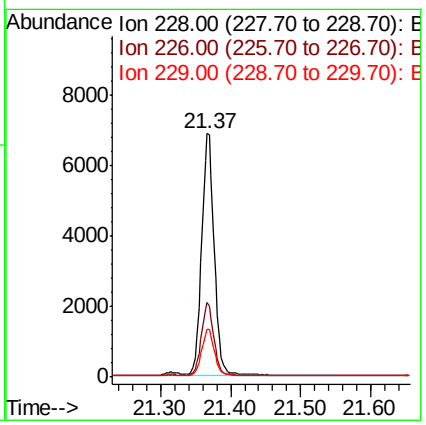


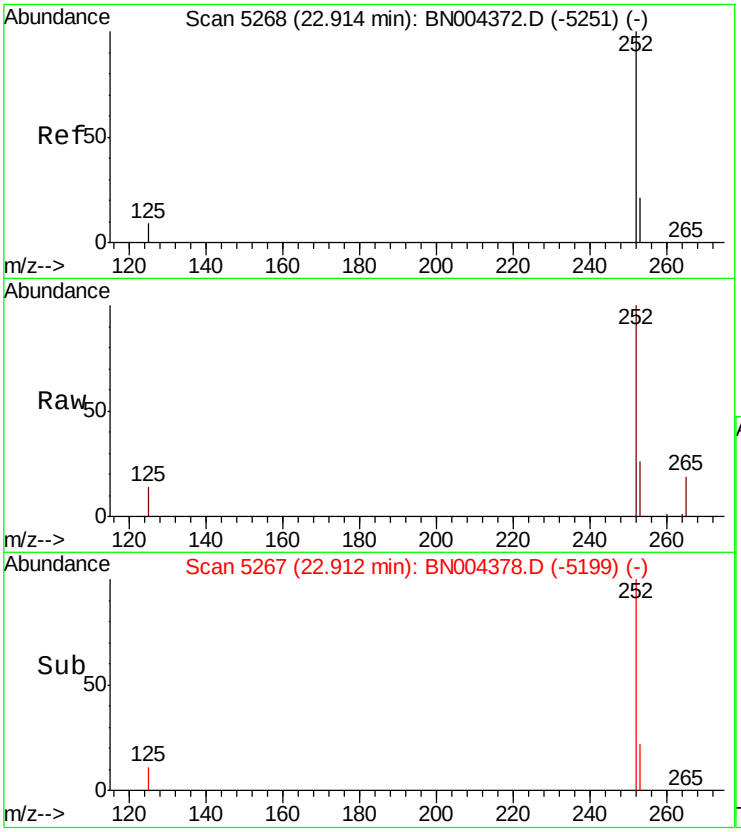


#19
Chrysene
Concen: 0.292 ng/ul
RT: 21.37 min Scan# 4738
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Tgt Ion:228 Resp: 8479

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	19.8	15.8	23.6



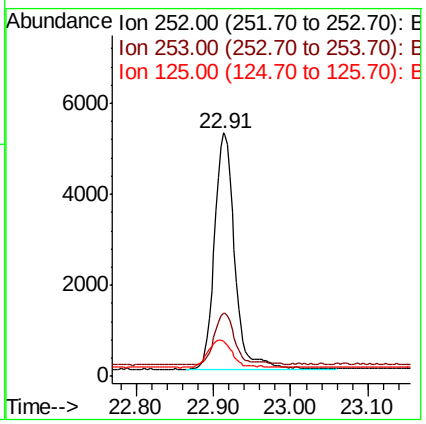


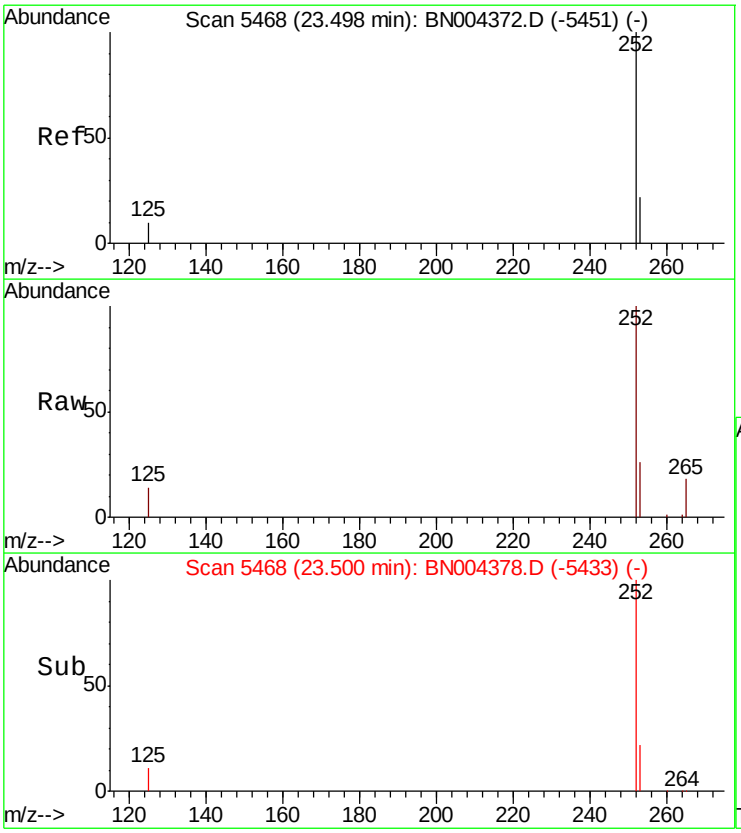
#21
Benzo(b)fluoranthene
Concen: 0.261 ng/ul
RT: 22.91 min Scan# 5267
Delta R.T. -0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:252 Resp: 9334

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	48.0
125	14.5	0.0	22.8

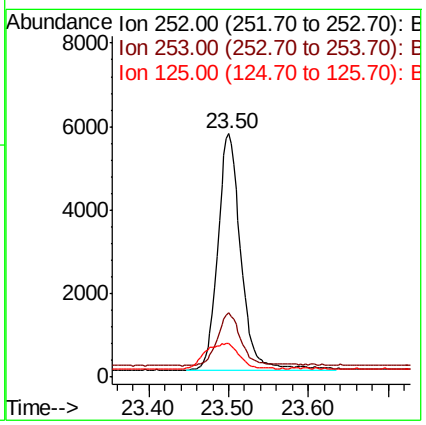


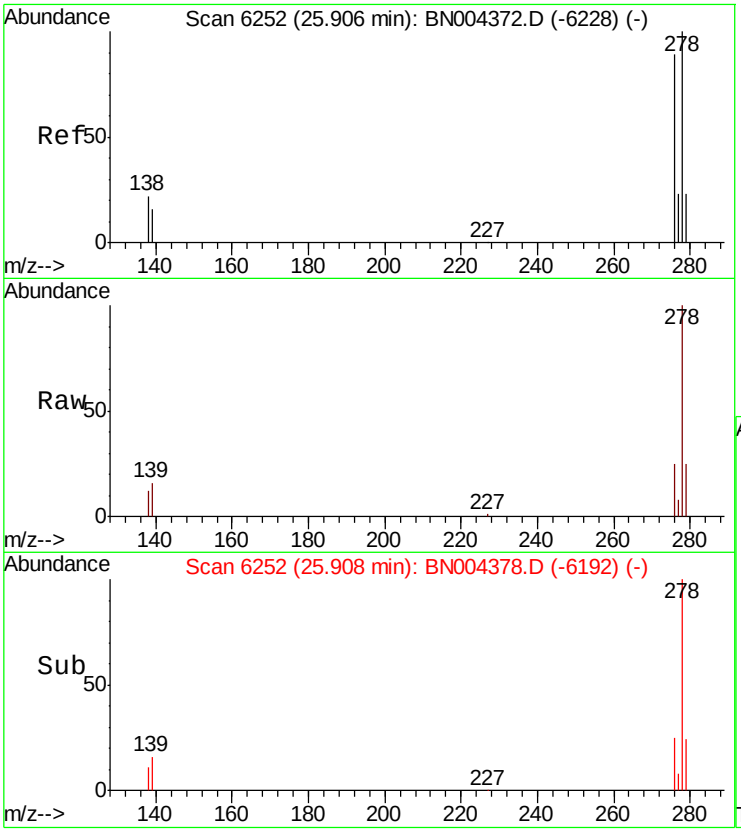


#23
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.50 min Scan# 5468
Delta R.T. 0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Tgt Ion:252 Resp: 11355

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.4	30.6
125	13.8	10.6	15.8





#25
Dibenzo(a,h)anthracene
Concen: 0.720 ng/ul
RT: 25.91 min Scan# 6252
Delta R.T. 0.00 min
Lab File: BN004378.D
Acq: 11 Feb 2019 15:12

Instrument :
BNA_N
ClientSampleId :
X2F73DL

Tgt Ion:278 Resp: 24546

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.8	20.6
279	25.0	20.4	30.6