Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000426.D
Acq On : 15 Mar 2018 21:13
Operator : JU/SJ
Sample : J1864-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:50:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	153723	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	751950	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	441970	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1045717	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	991393	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	941551	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	868664	19.80	ng/ul	0.00
10) Fluorene-d10	16.05	176	585777	19.72	ng/ul	0.00
14) Anthracene-d10	17.89	188	969013	19.83	ng/ul	0.00
18) Pyrene-d10	20.14	212	1064088	21.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	850858	19.79	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	638242	10.642	ng/ul	100
15) Anthracene	17.92	178	199447	3.278	ng/ul	98
16) Fluoranthene	19.81	202	1313169	20.266	ng/ul#	94
19) Pyrene	20.17	202	1118346	17.867	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	665733	10.802	ng/ul	98
21) Chrysene	21.95	228	620601	10.611	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	853988	15.210	ng/ul#	94
24) Benzo(k)fluoranthene	23.65	252	853988	16.249	ng/ul#	94
26) Benzo(a)pyrene	24.30	252	557320	10.430	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.98	276	392817	6.818	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.98	278	108292	2.293	ng/ul#	78
29) Benzo(g,h,i)perylene	27.78	276	379483	7.888	ng/ul#	86

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

Quantitation Report (Not Reviewed)

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Sample : J1864-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:50:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
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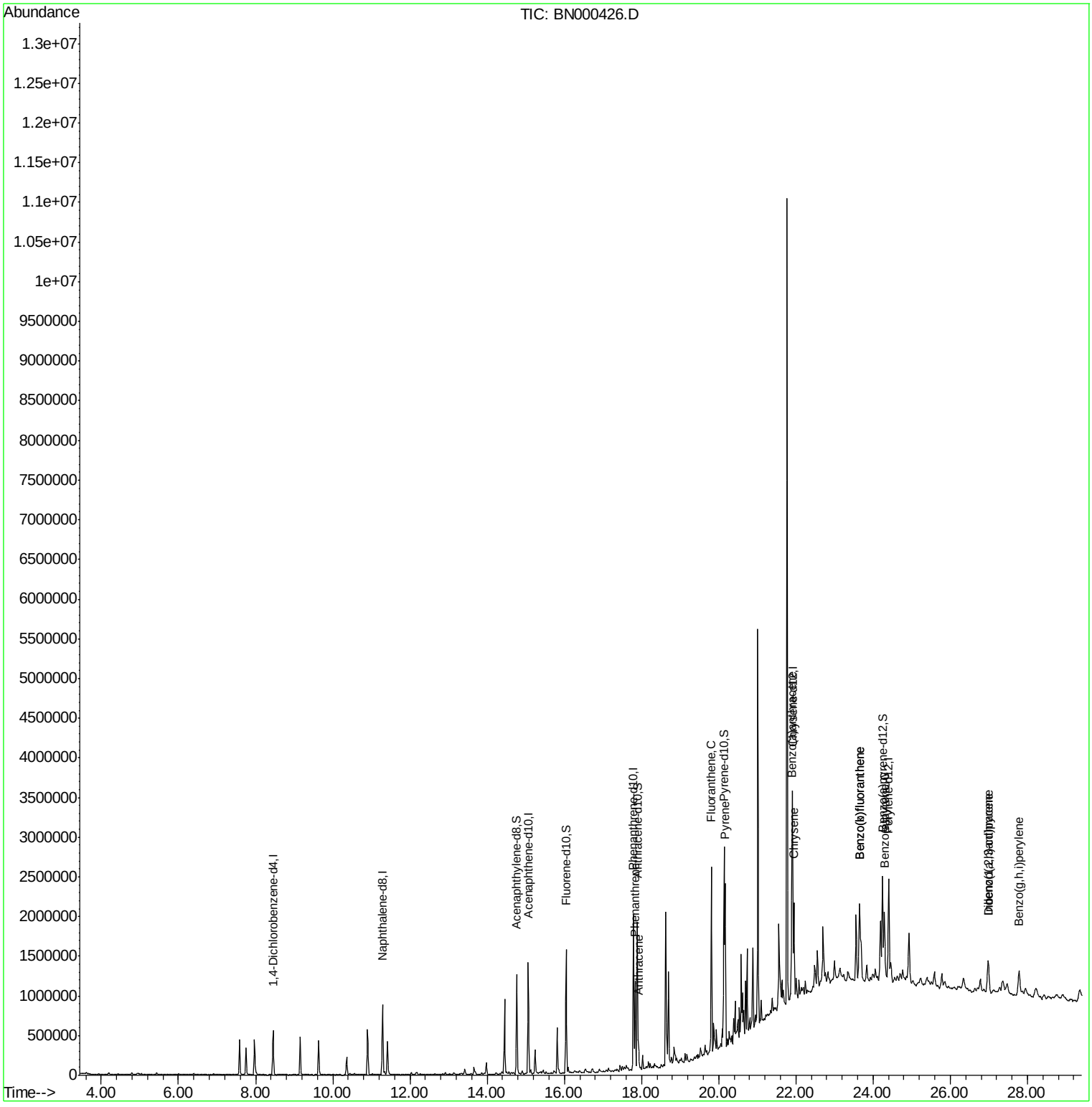
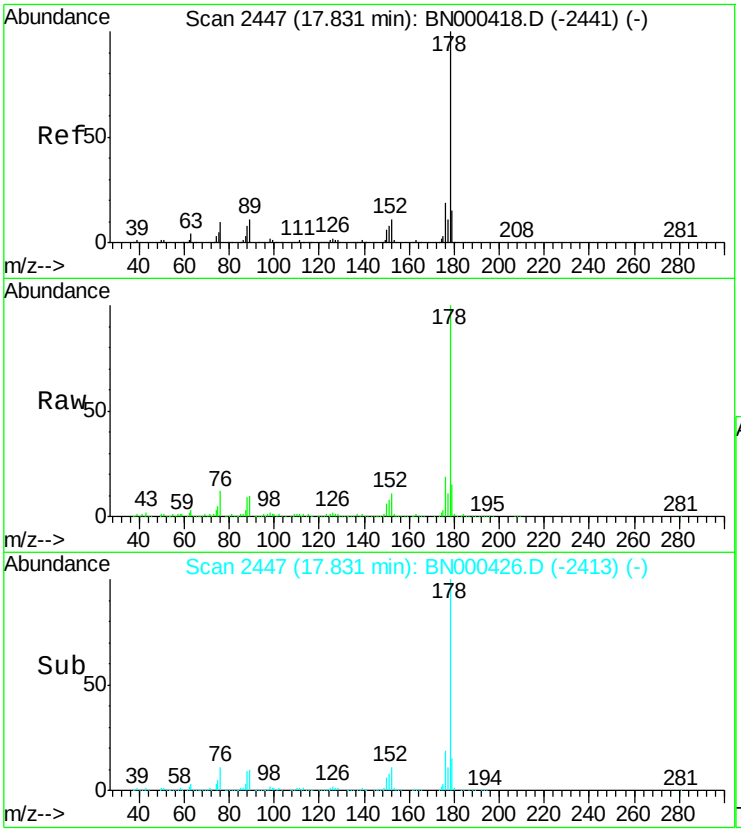


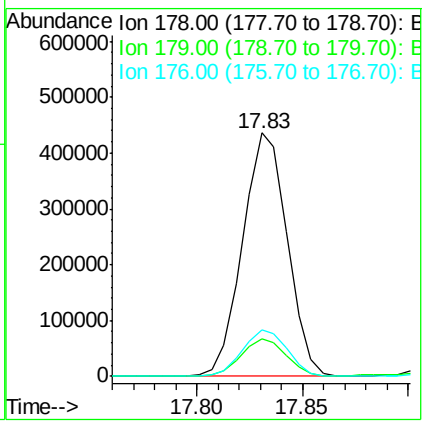


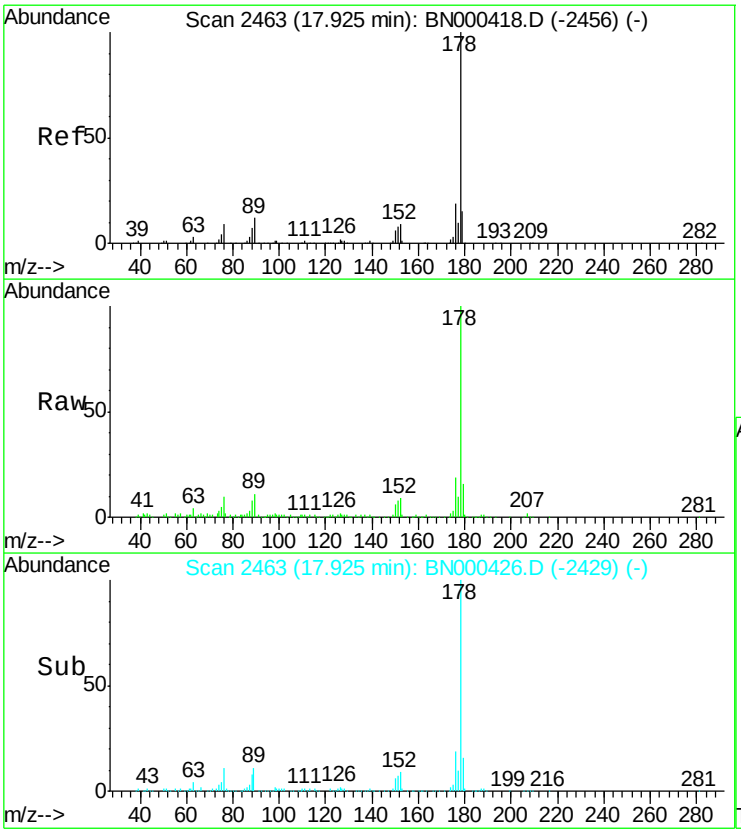
#13
Phenanthrene
Concen: 10.642 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 638242

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	15.1	22.7

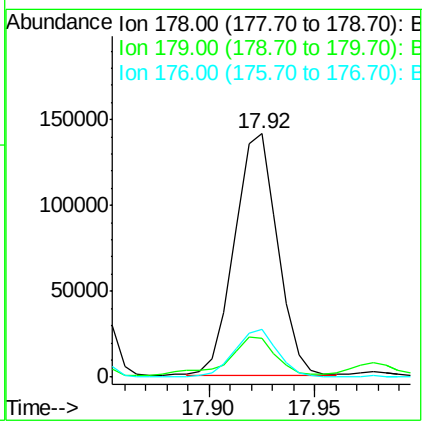


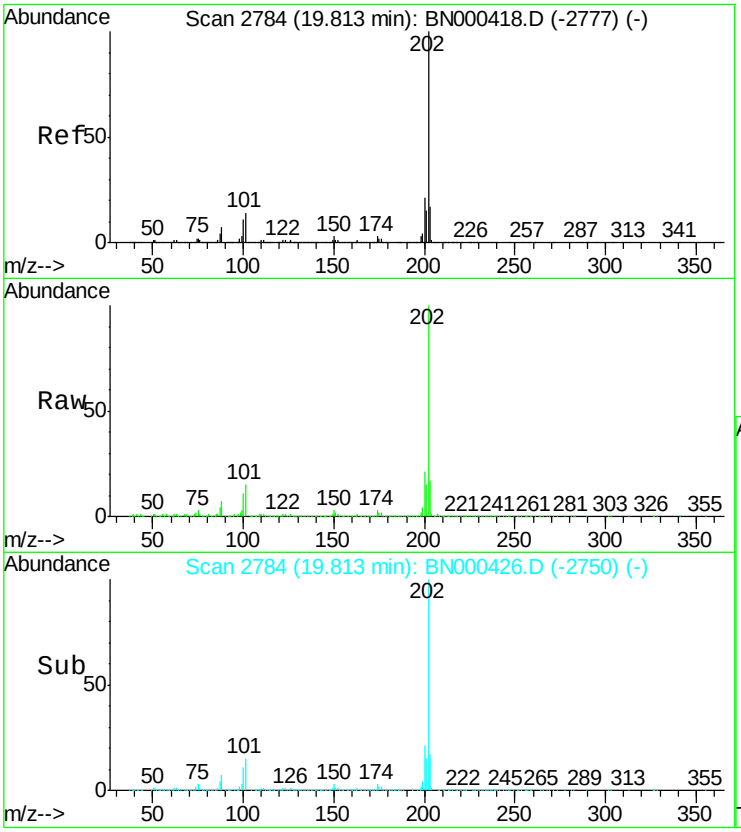


#15
Anthracene
Concen: 3.278 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:178 Resp: 199447

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	19.5	15.2	22.8



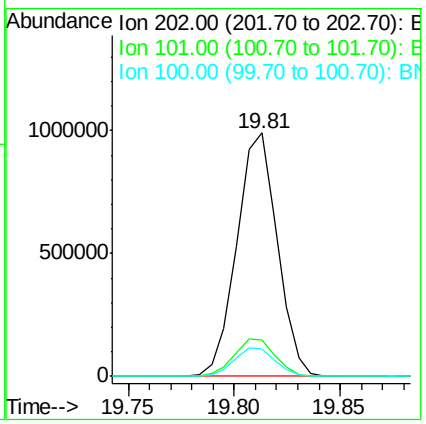


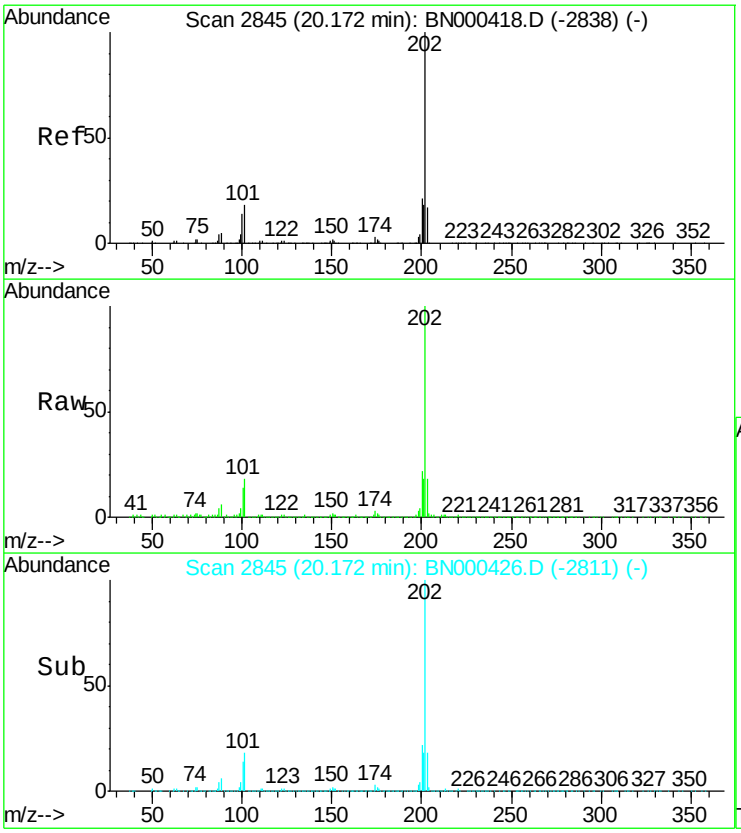
#16
Fluoranthene
Concen: 20.266 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1313169

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	11.1	7.4	11.0#

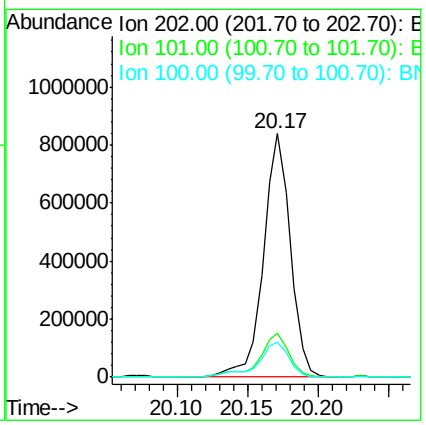


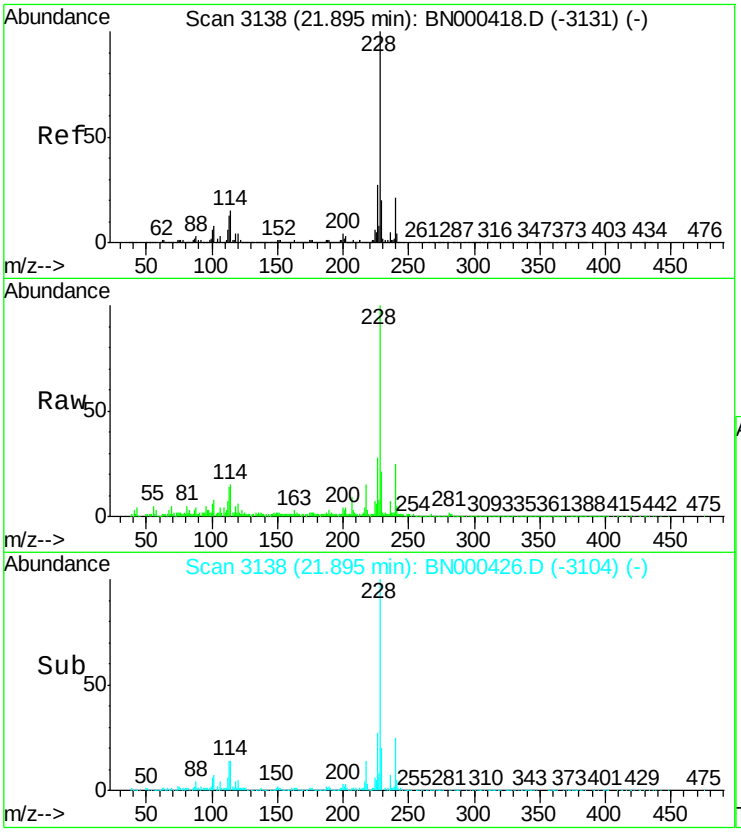


#19
Pyrene
Concen: 17.867 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:202 Resp: 1118346

Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.4	8.1	12.1#



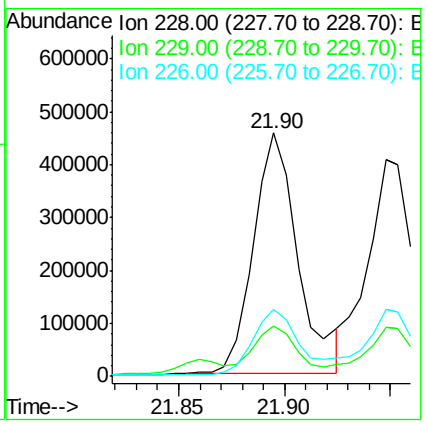


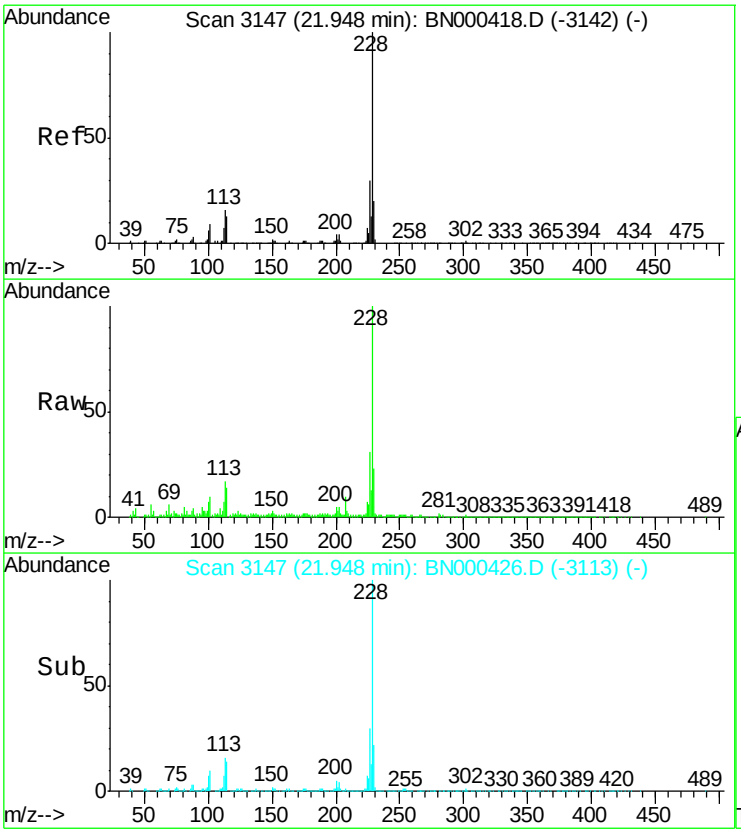
#20
Benzo(a)anthracene
Concen: 10.802 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 665733

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.5	21.1	31.7

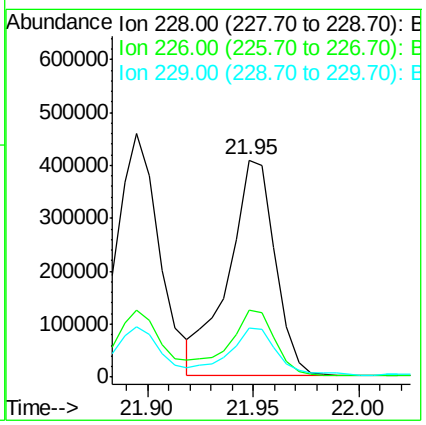


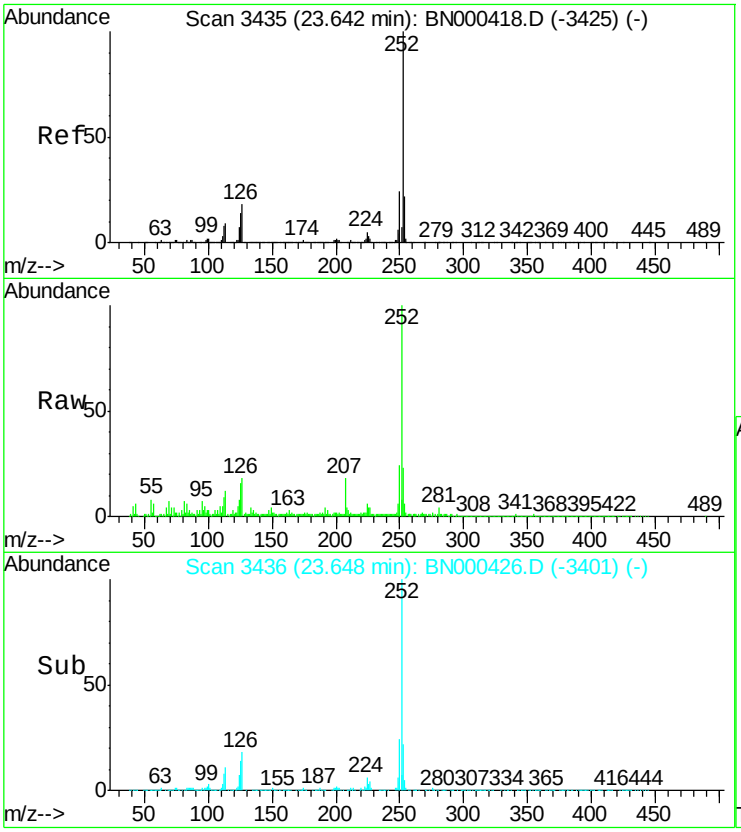


#21
Chrysene
Concen: 10.611 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:228 Resp: 620601

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.9	15.8	23.8



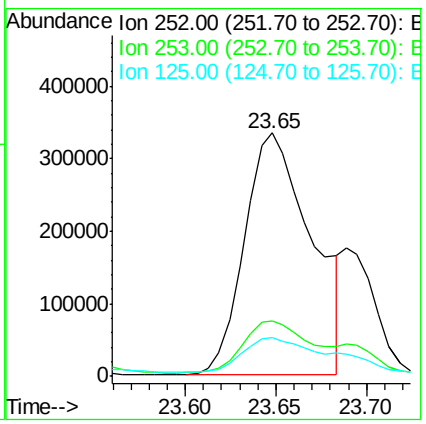


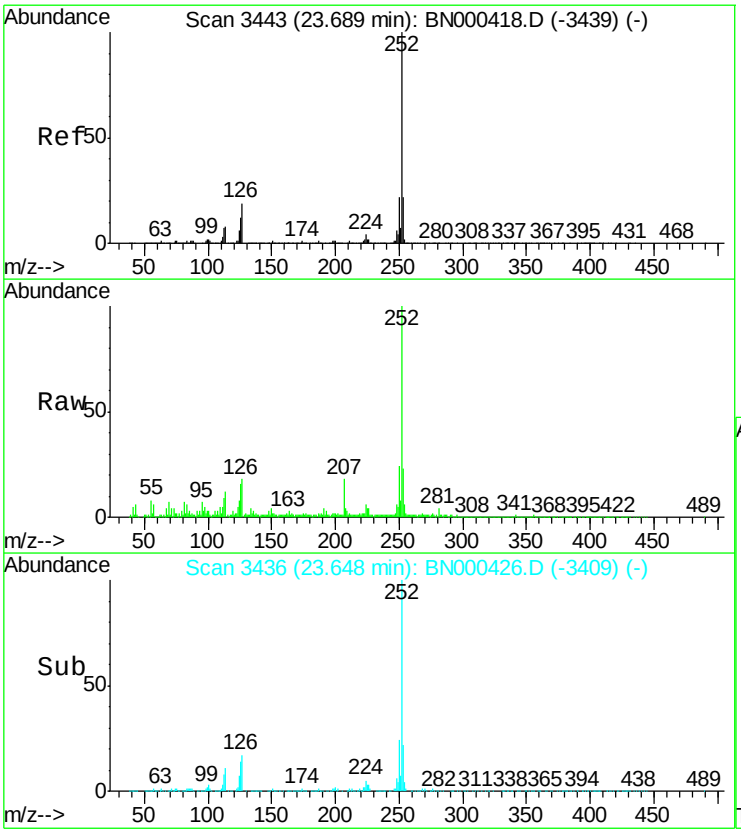
#23
Benzo(b)fluoranthene
Concen: 15.210 ng/ul
RT: 23.65 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 853988

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	16.0	8.0	12.0#

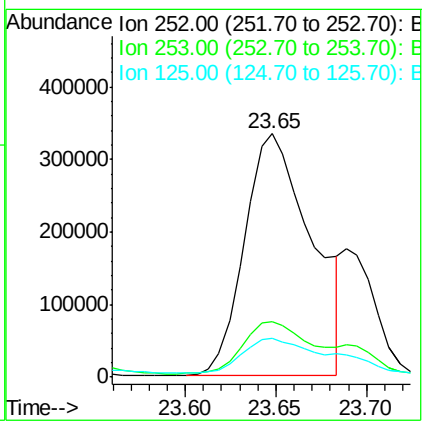


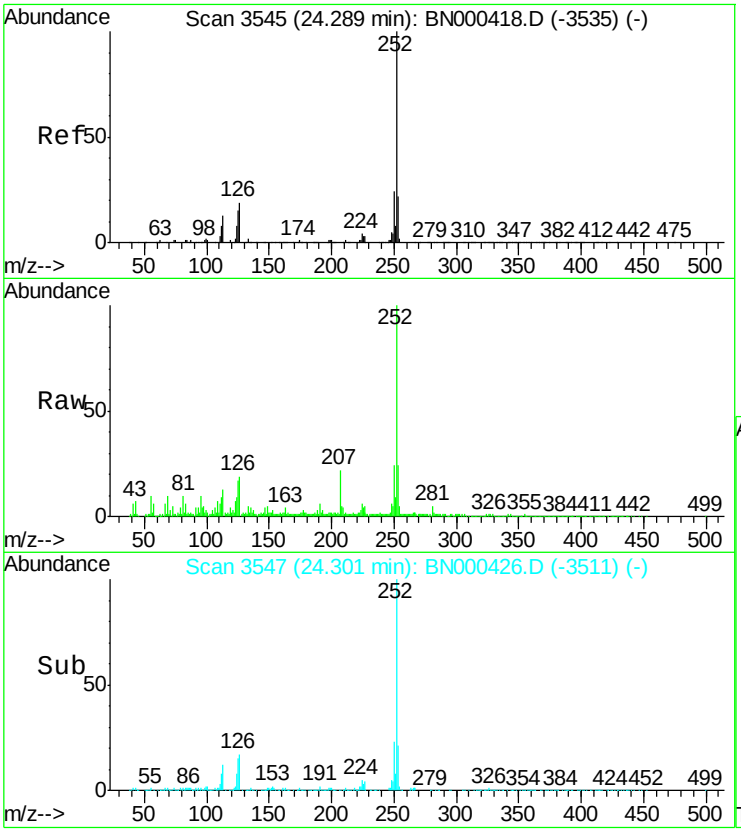


#24
Benzo(k)fluoranthene
Concen: 16.249 ng/ul
RT: 23.65 min Scan# 3436
Delta R.T. -0.04 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:252 Resp: 853988

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	16.0	8.1	12.1#



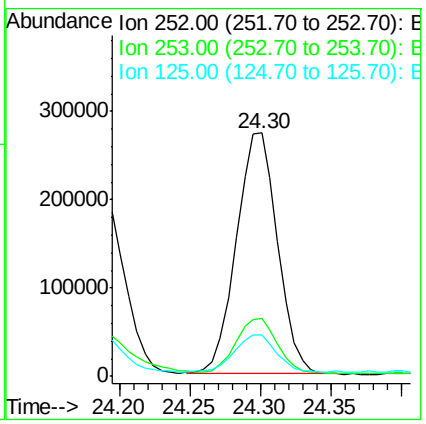


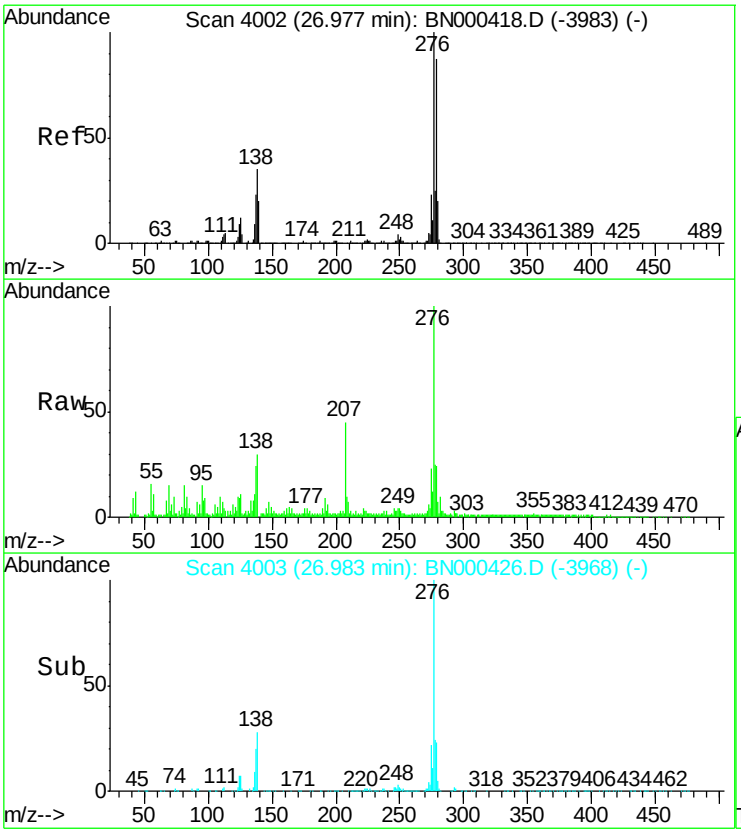
#26
Benzo(a)pyrene
Concen: 10.430 ng/ul
RT: 24.30 min Scan# 3547
Delta R.T. 0.01 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 557320

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	16.9	8.2	12.4#

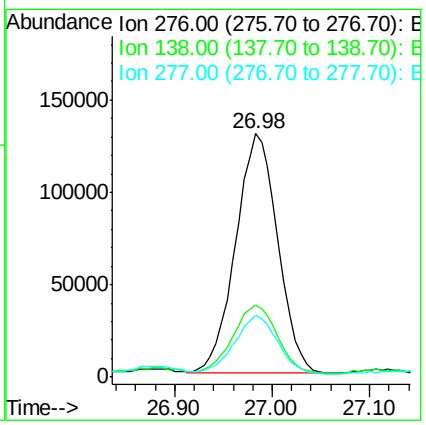


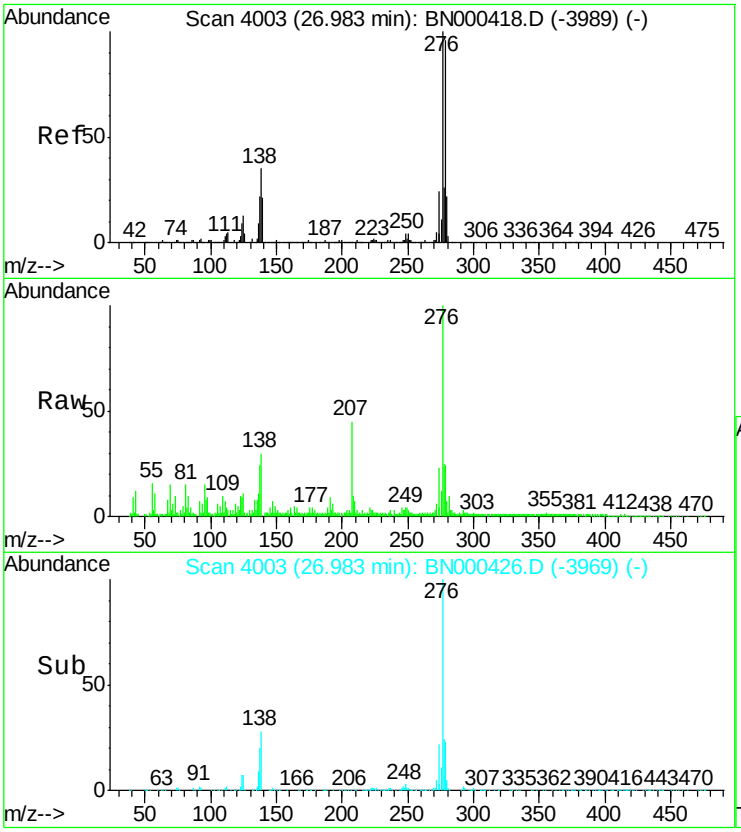


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.818 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:276 Resp: 392817

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	25.3	18.0	27.0



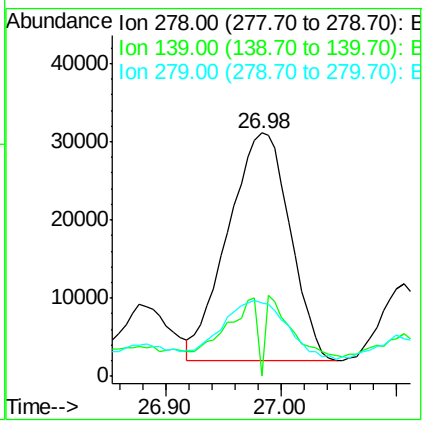


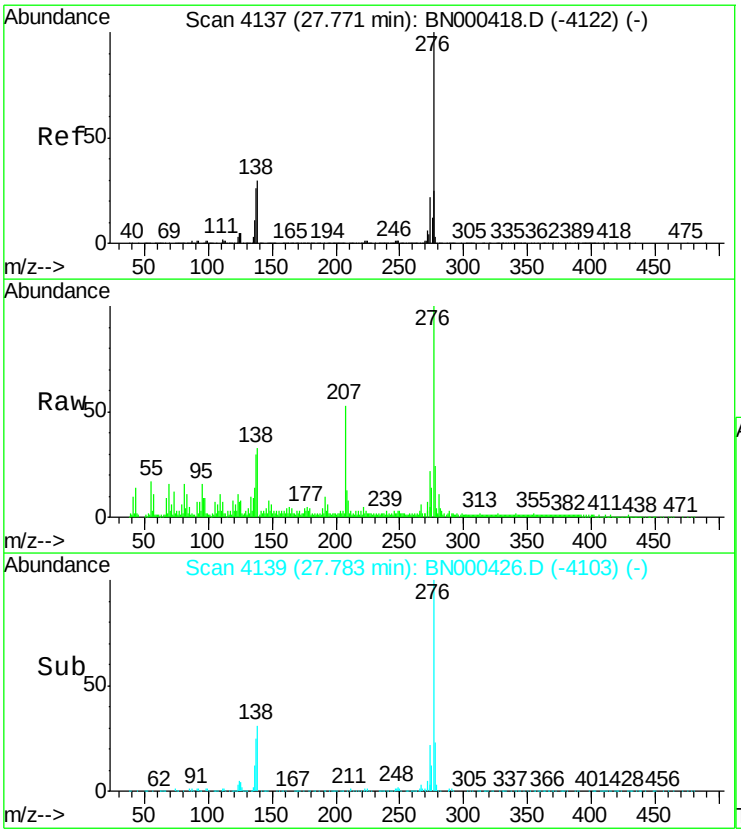
#28
Dibenzo(a,h)anthracene
Concen: 2.293 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. -0.00 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 108292

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.2	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 7.888 ng/ul
RT: 27.78 min Scan# 4139
Delta R.T. 0.01 min
Lab File: BN000426.D
Acq: 15 Mar 2018 21:13

Tgt Ion:276 Resp: 379483

Ion	Ratio	Lower	Upper
276	100		
138	32.6	15.3	22.9#
277	24.3	19.0	28.4