Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000423.D
Acq On : 15 Mar 2018 19:29
Operator : JU/SJ
Sample : J1866-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:49:09 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	203700	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	967317	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	543607	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1183671	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1001139	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	922337	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	3039054	56.33	ng/ul	0.00
10) Fluorene-d10	16.05	176	2001438	54.78	ng/ul	0.00
14) Anthracene-d10	17.89	188	3092817	55.92	ng/ul	0.00
18) Pyrene-d10	20.14	212	3171141	64.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	2428081	57.65	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	334862	4.933	ng/ul	99
15) Anthracene	17.92	178	83094	1.206	ng/ul	99
16) Fluoranthene	19.81	202	795706	10.849	ng/ul#	94
19) Pyrene	20.17	202	760855	12.037	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	430218	6.912	ng/ul	94
21) Chrysene	21.95	228	518762	8.783	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	657497	11.955	ng/ul#	94
24) Benzo(k)fluoranthene	23.65	252	657497	12.771	ng/ul#	94
26) Benzo(a)pyrene	24.31	252	544826	10.408	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.99	276	327534	5.803	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.99	278	104087	2.250	ng/ul#	62
29) Benzo(g,h,i)perylene	27.79	276	606056	12.861	ng/ul#	90

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

Quantitation Report (Not Reviewed)

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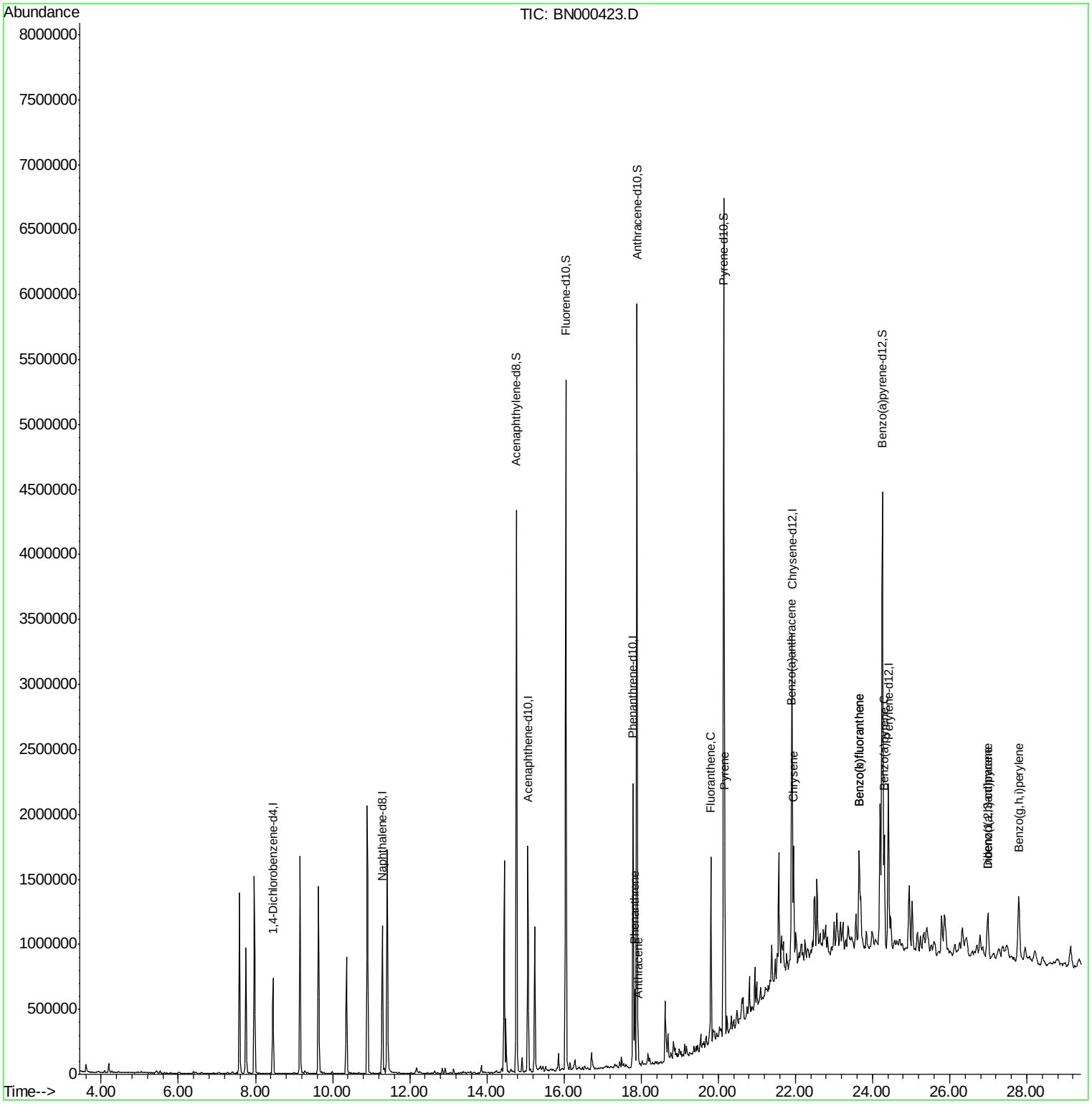
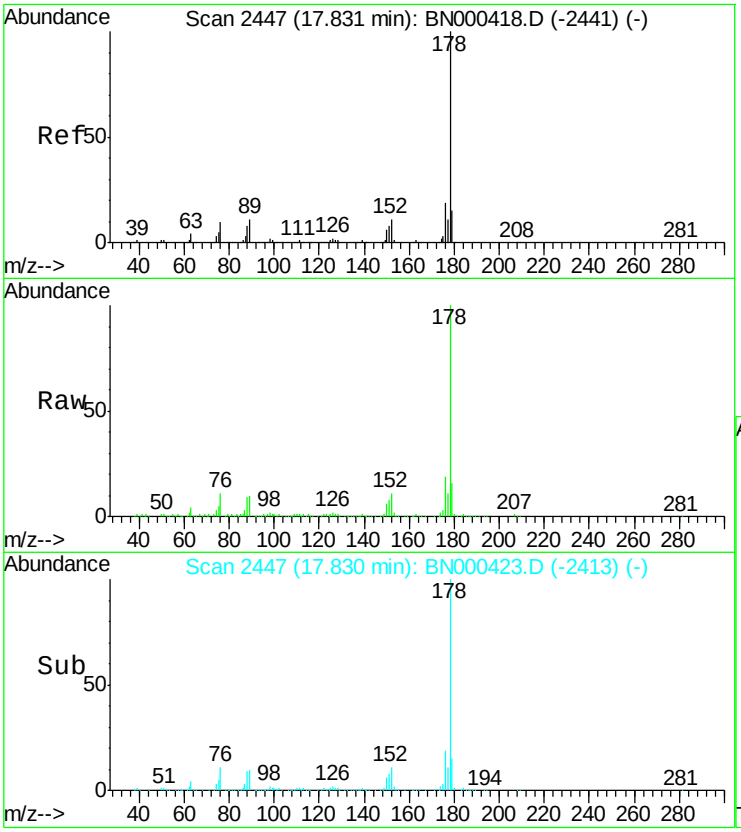
Sample : J1866-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:49:09 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



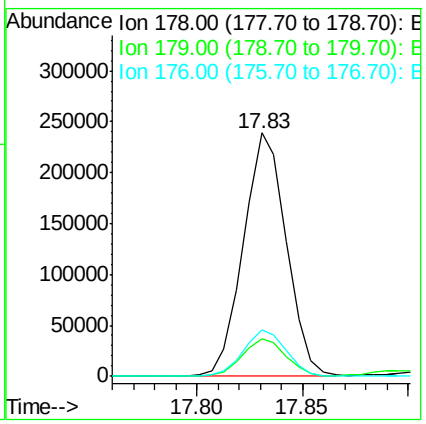


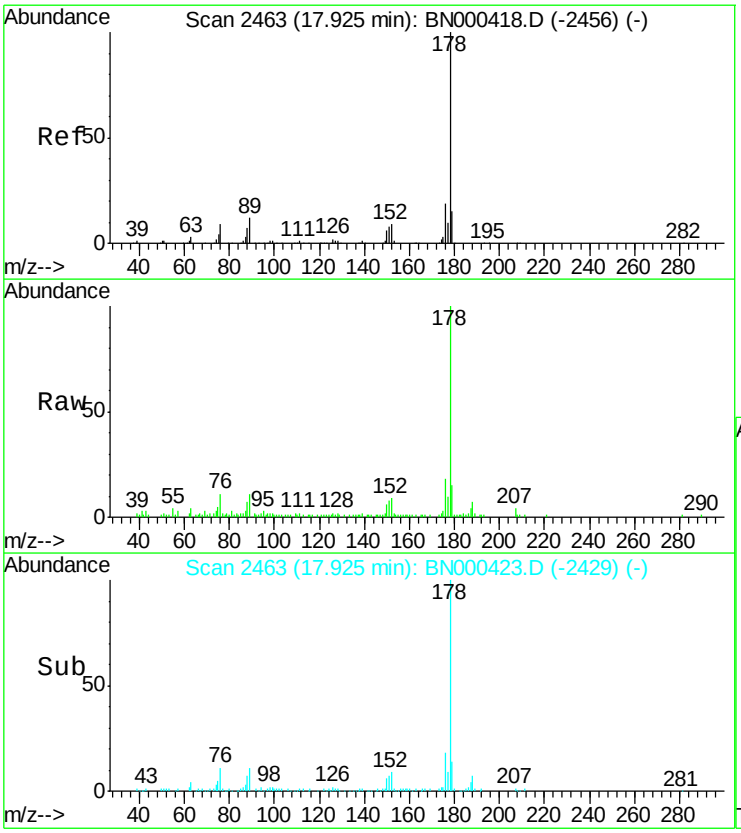
#13
Phenanthrene
Concen: 4.933 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 334862

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.1	22.7

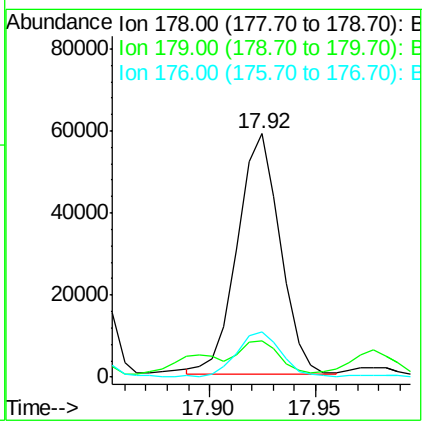


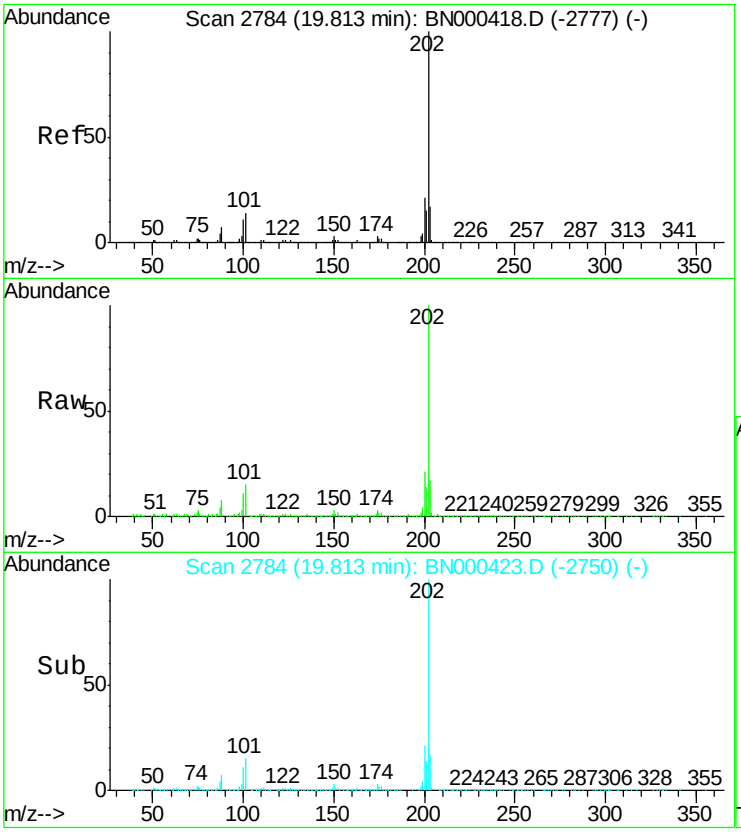


#15
Anthracene
Concen: 1.206 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:178 Resp: 83094

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.4	15.2	22.8



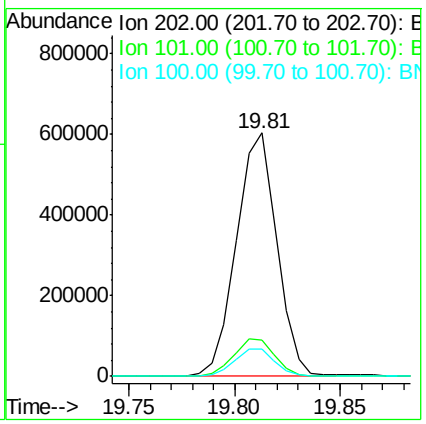


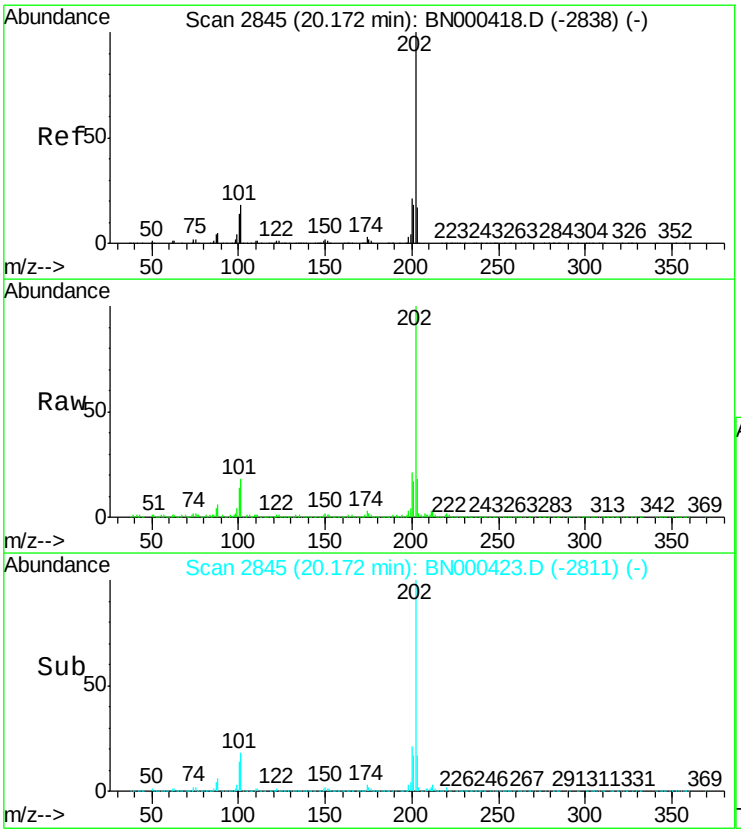
#16
Fluoranthene
Concen: 10.849 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 795706

Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	11.4	7.4	11.0#

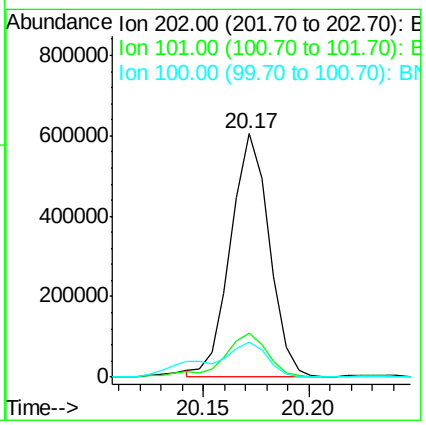


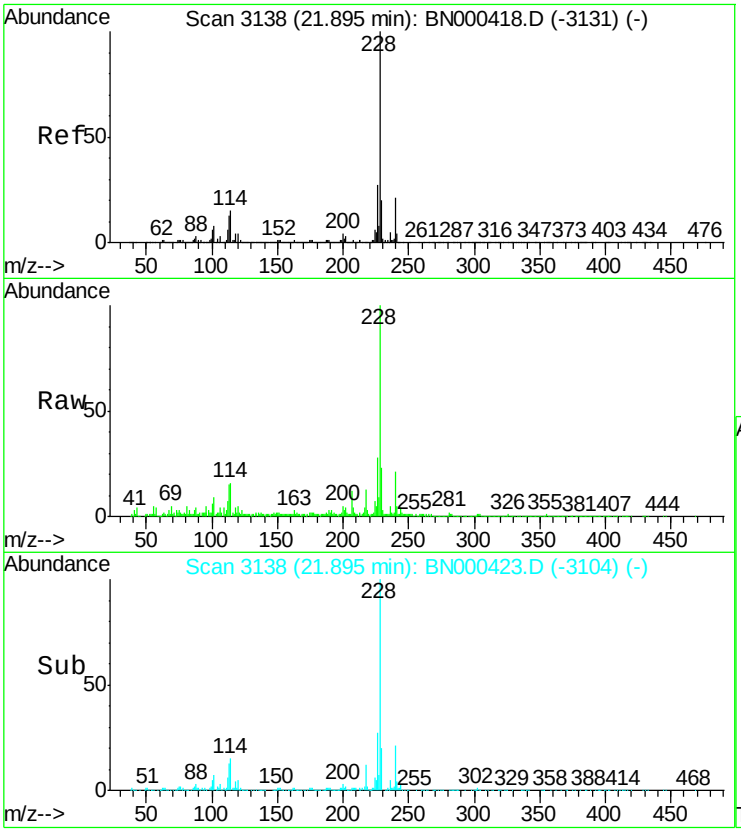


#19
Pyrene
Concen: 12.037 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:202 Resp: 760855

Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	14.4	8.1	12.1#



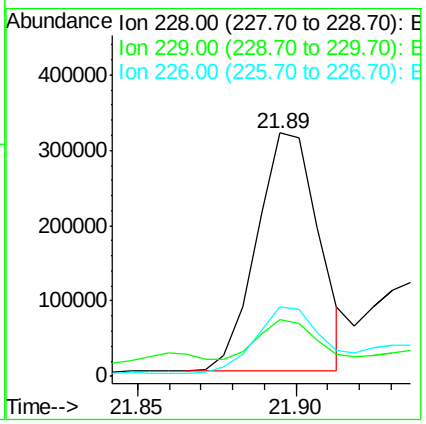


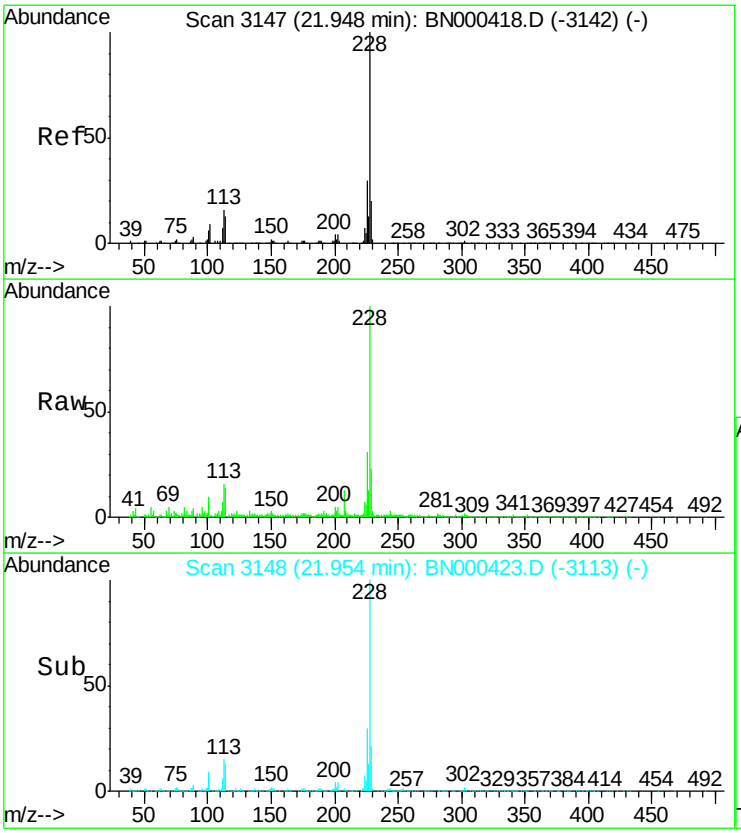
#20
Benzo(a)anthracene
Concen: 6.912 ng/ul
RT: 21.89 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 430218

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.7	23.5
226	28.5	21.1	31.7

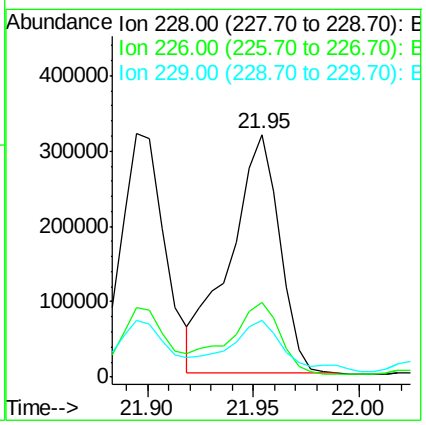


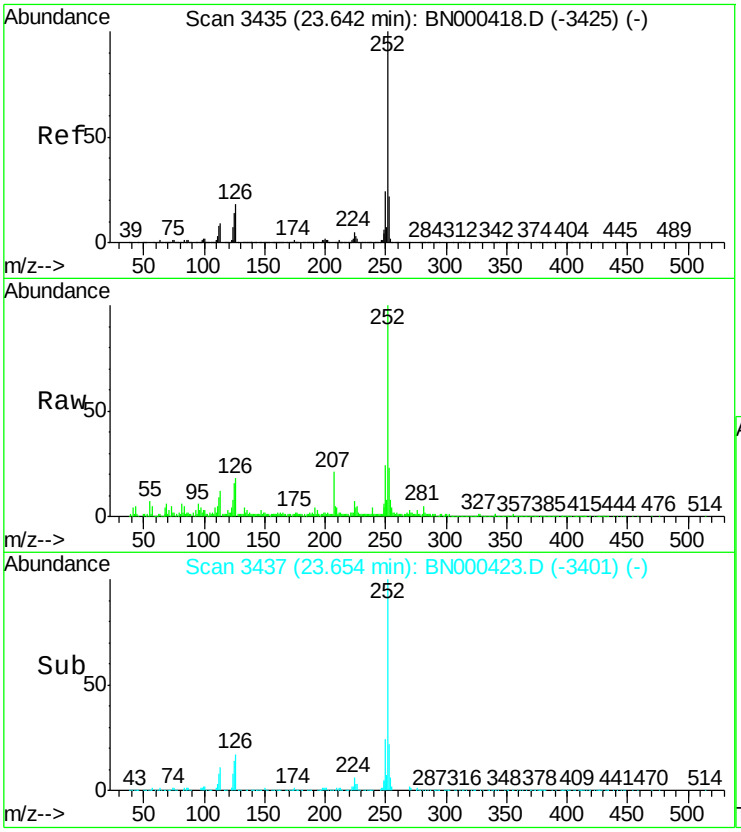


#21
Chrysene
Concen: 8.783 ng/ul
RT: 21.95 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:228 Resp: 518762

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	23.2	15.8	23.8



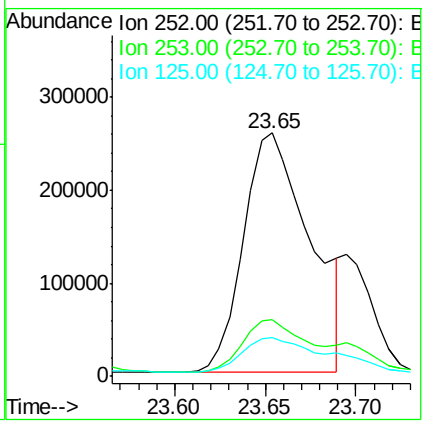


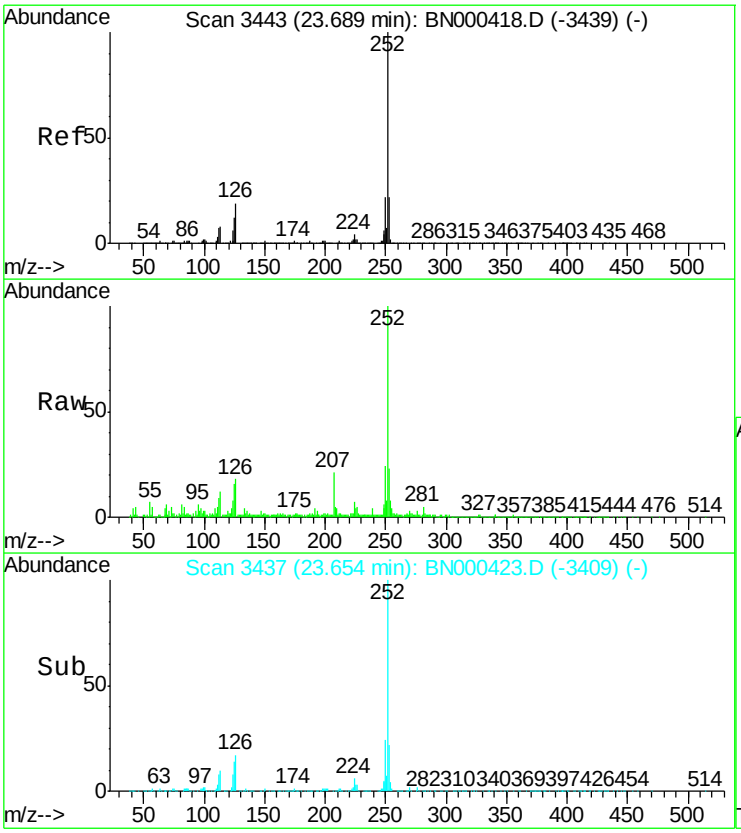
#23
Benzo(b)fluoranthene
Concen: 11.955 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 657497

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.8	8.0	12.0#

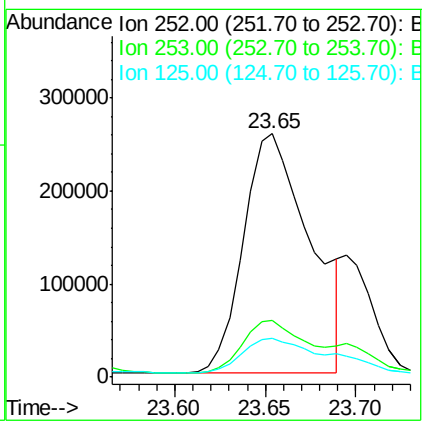


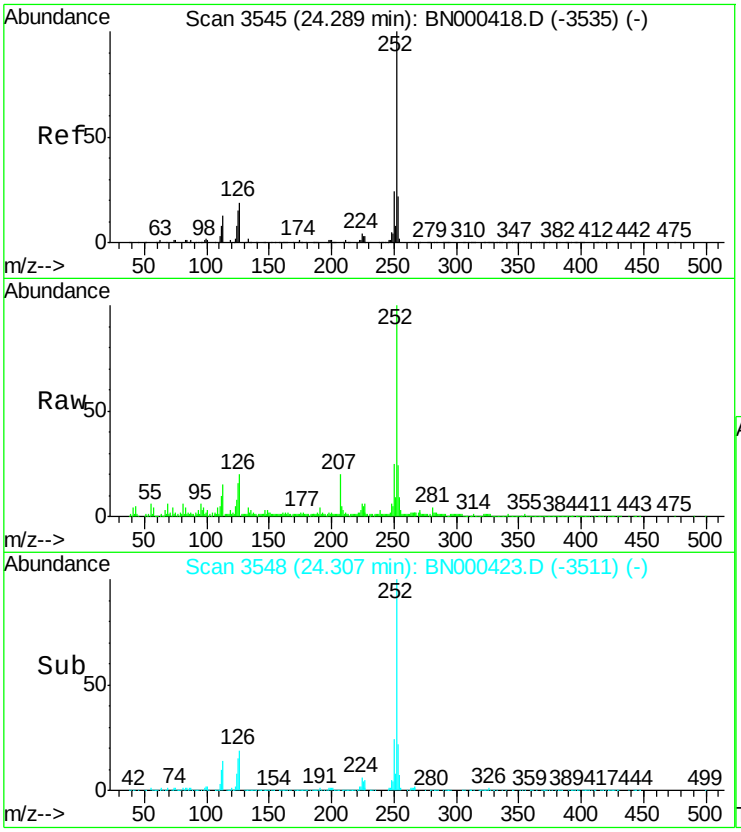


#24
Benzo(k)fluoranthene
Concen: 12.771 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:252 Resp: 657497

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.8	8.1	12.1#



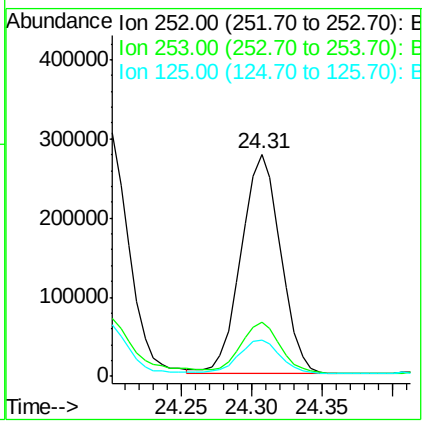


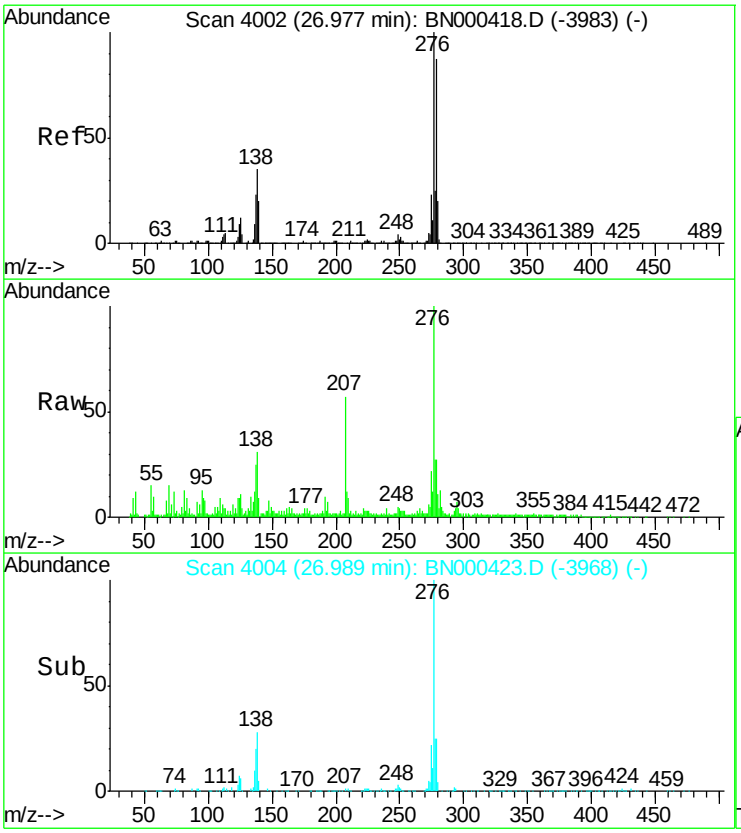
#26
Benzo(a)pyrene
Concen: 10.408 ng/ul
RT: 24.31 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 544826

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	16.3	8.2	12.4#

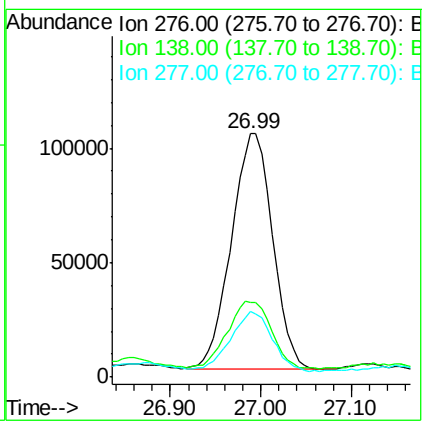


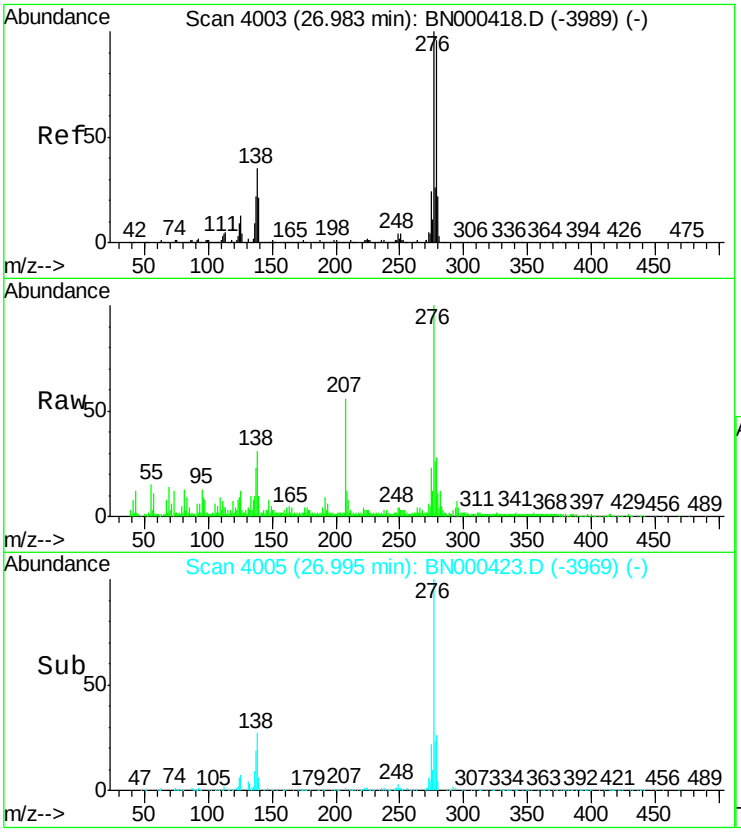


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.803 ng/ul
RT: 26.99 min Scan# 4004
Delta R.T. 0.01 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:276 Resp: 327534

Ion	Ratio	Lower	Upper
276	100		
138	30.7	14.4	21.6#
277	27.1	18.0	27.0#



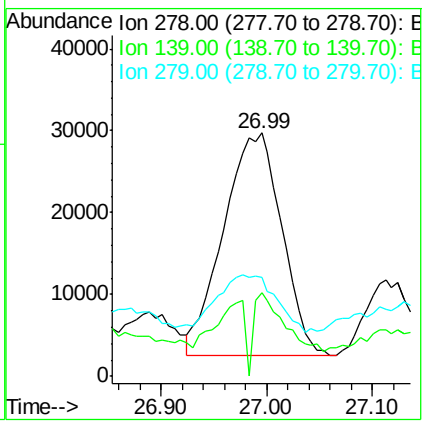


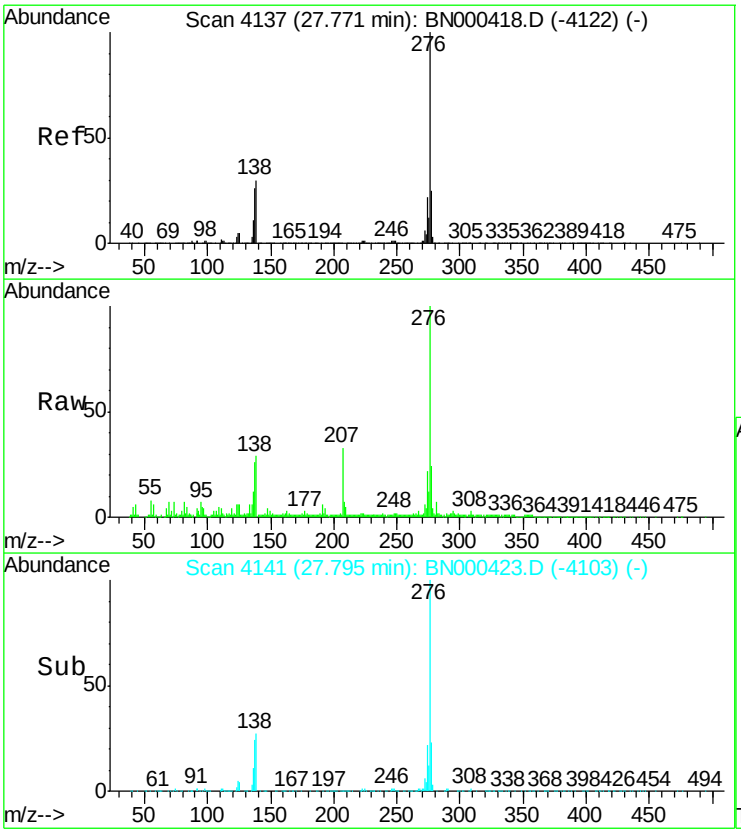
#28
Dibenzo(a,h)anthracene
Concen: 2.250 ng/ul
RT: 26.99 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 104087

Ion	Ratio	Lower	Upper
278	100		
139	34.2	12.2	18.4#
279	40.4	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 12.861 ng/ul
RT: 27.79 min Scan# 4141
Delta R.T. 0.02 min
Lab File: BN000423.D
Acq: 15 Mar 2018 19:29

Tgt Ion:276 Resp: 606056

Ion	Ratio	Lower	Upper
276	100		
138	28.9	15.3	22.9#
277	24.4	19.0	28.4