Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000914.D
Acq On : 26 Apr 2018 04:30
Operator : JU/SJ
Sample : J2443-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 26 08:37:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	135368	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	554801	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	275282	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	554528	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	511082	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	563701	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	511049	19.33	ng/ul	0.00
10) Fluorene-d10	15.25	176	328880	18.64	ng/ul	0.00
14) Anthracene-d10	17.10	188	462535	18.24	ng/ul	0.00
18) Pyrene-d10	19.41	212	485230	18.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	466754	17.53	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	170428	5.635	ng/ul	99
15) Anthracene	17.14	178	37612	1.240	ng/ul	99
16) Fluoranthene	19.07	202	264370	8.616	ng/ul#	93
19) Pyrene	19.44	202	211422	6.440	ng/ul#	94
20) Benzo(a)anthracene	21.20	228	123915	4.056	ng/ul	94
21) Chrysene	21.20	228	125210	4.360	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	237082	7.401	ng/ul#	88
24) Benzo(k)fluoranthene	22.76	252	235084	7.499	ng/ul#	88
26) Benzo(a)pyrene	23.31	252	118030	3.855	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.59	276	96178	2.601	ng/ul#	84
29) Benzo(g,h,i)perylene	26.25	276	102308	3.308	ng/ul#	89

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

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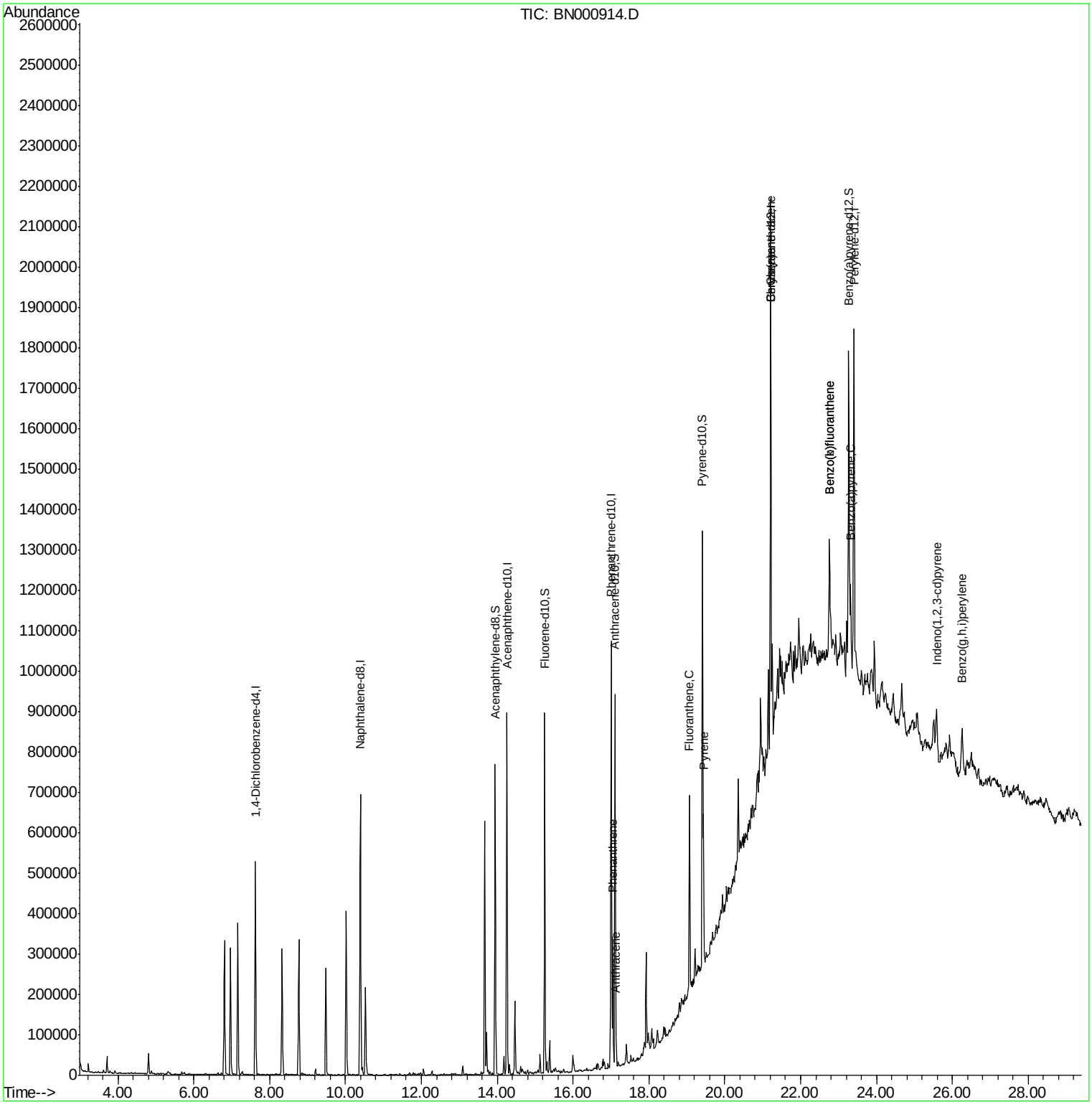
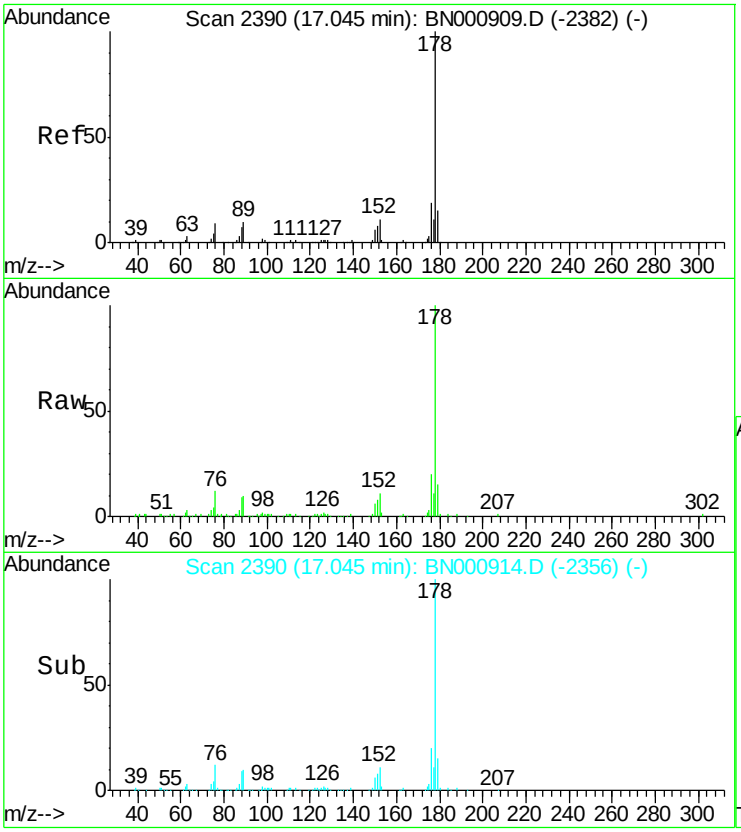
Sample : J2443-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 26 08:37:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



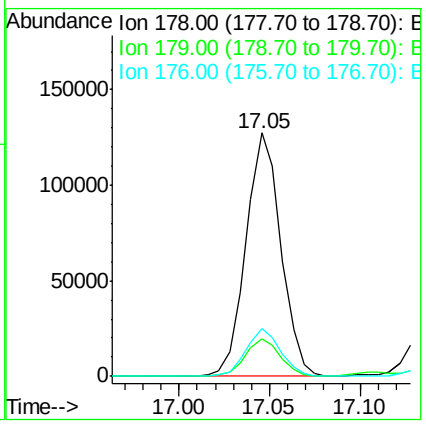


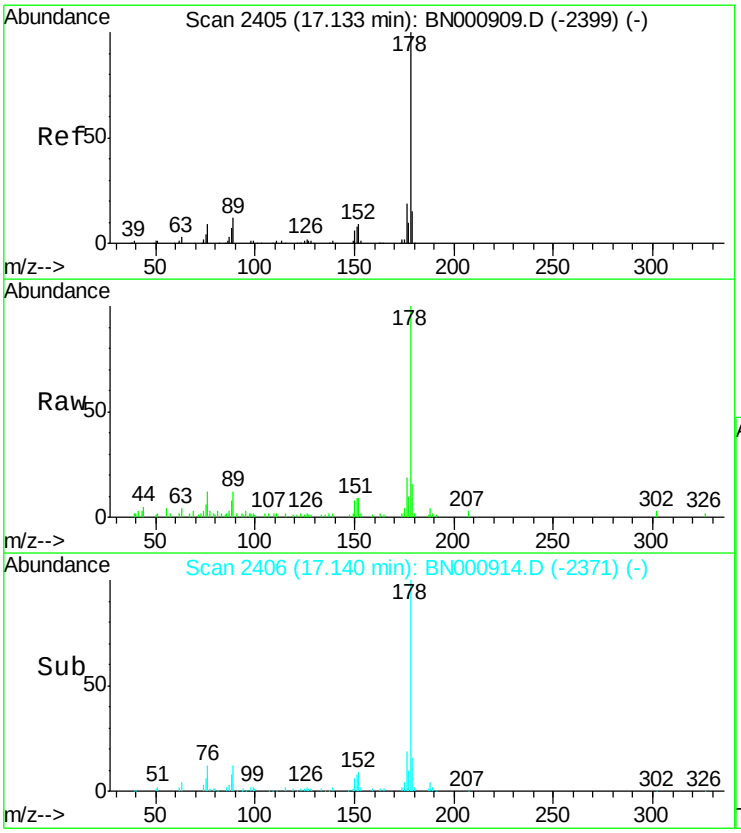
#13
Phenanthrene
Concen: 5.635 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 170428

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.1	22.7

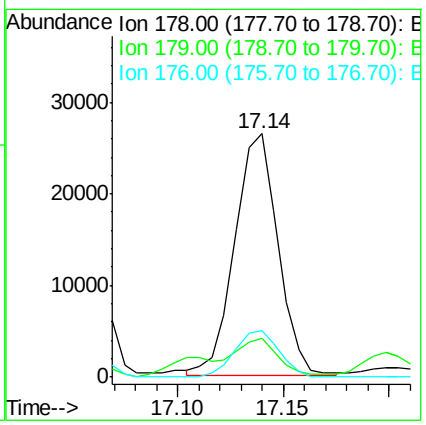


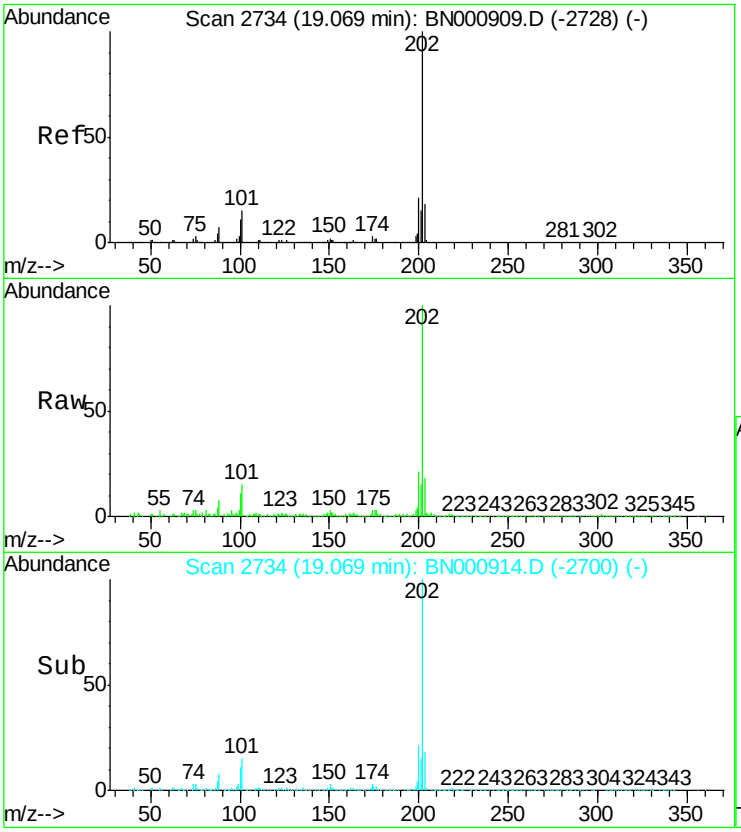


#15
Anthracene
Concen: 1.240 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Tgt Ion:178 Resp: 37612

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	19.1	15.2	22.8



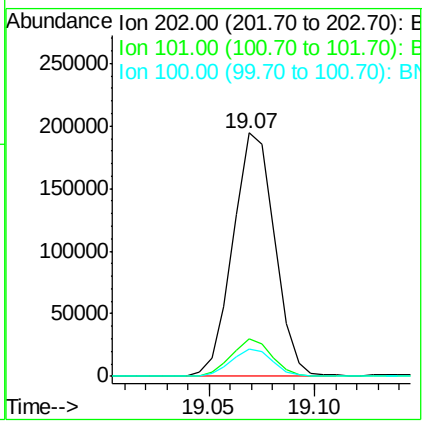


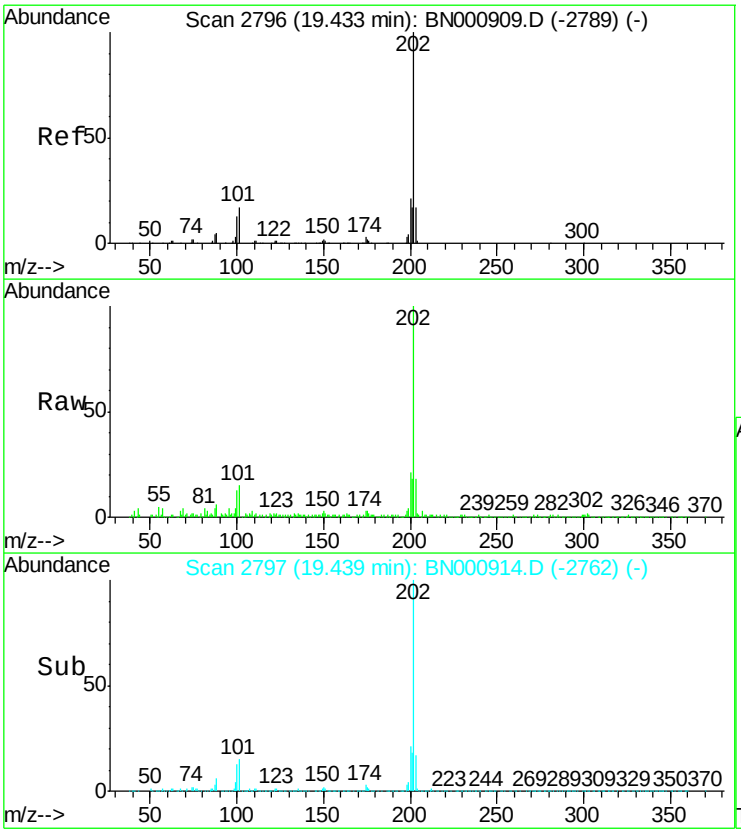
#16
Fluoranthene
Concen: 8.616 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 264370

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.1	7.4	11.0#

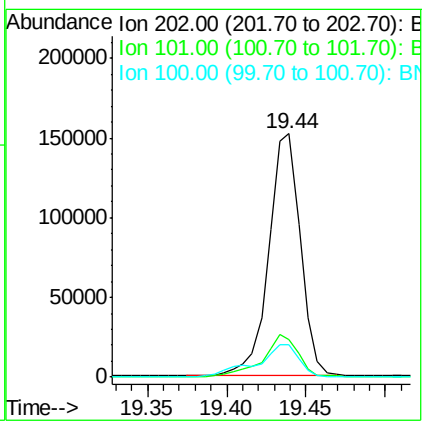


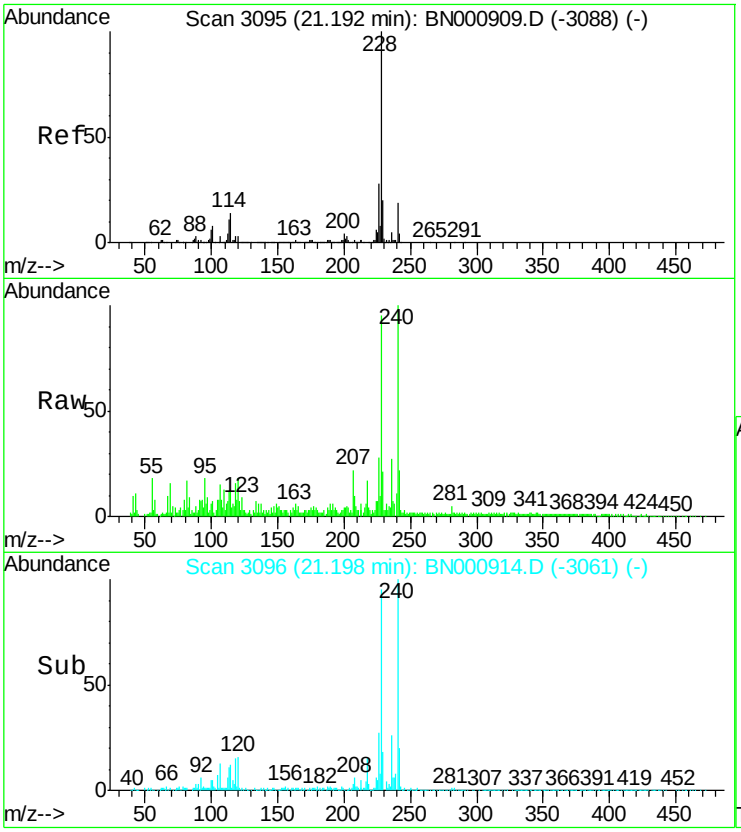


#19
Pyrene
Concen: 6.440 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Tgt Ion:202 Resp: 211422

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.0	16.4
100	13.1	8.1	12.1#



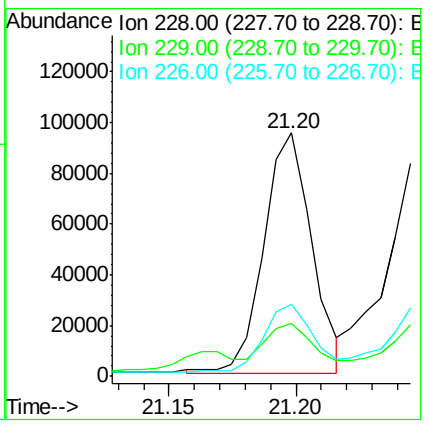


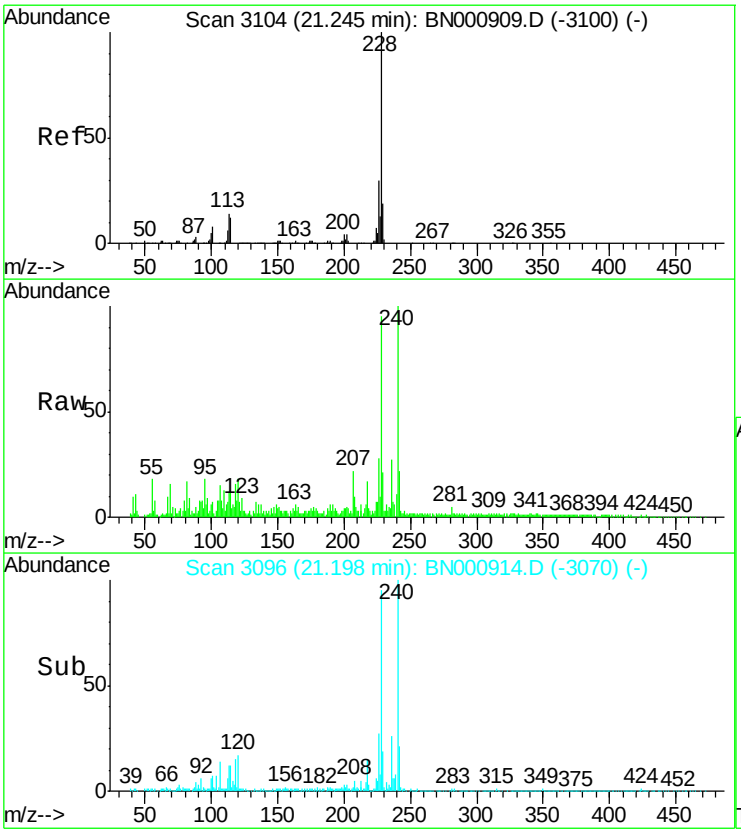
#20
Benzo(a)anthracene
Concen: 4.056 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 123915

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	29.8	21.1	31.7

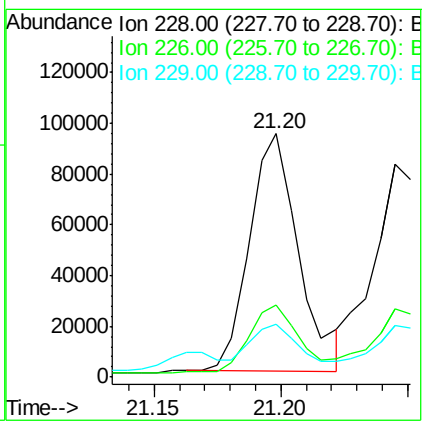


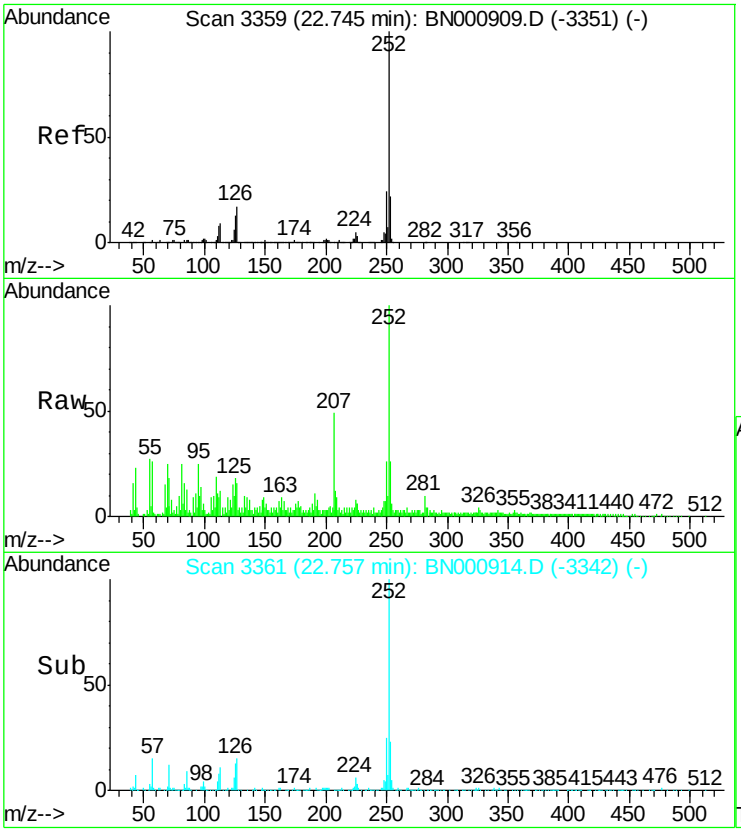


#21
Chrysene
Concen: 4.360 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.05 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Tgt Ion:228 Resp: 125210

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	21.9	15.8	23.8



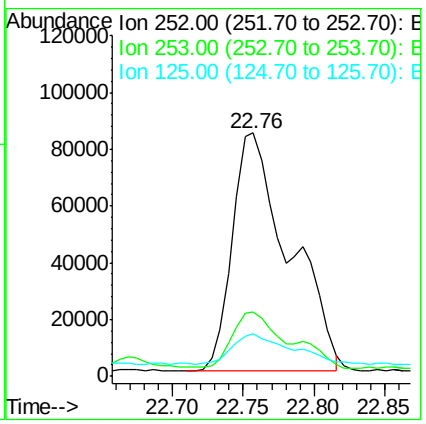


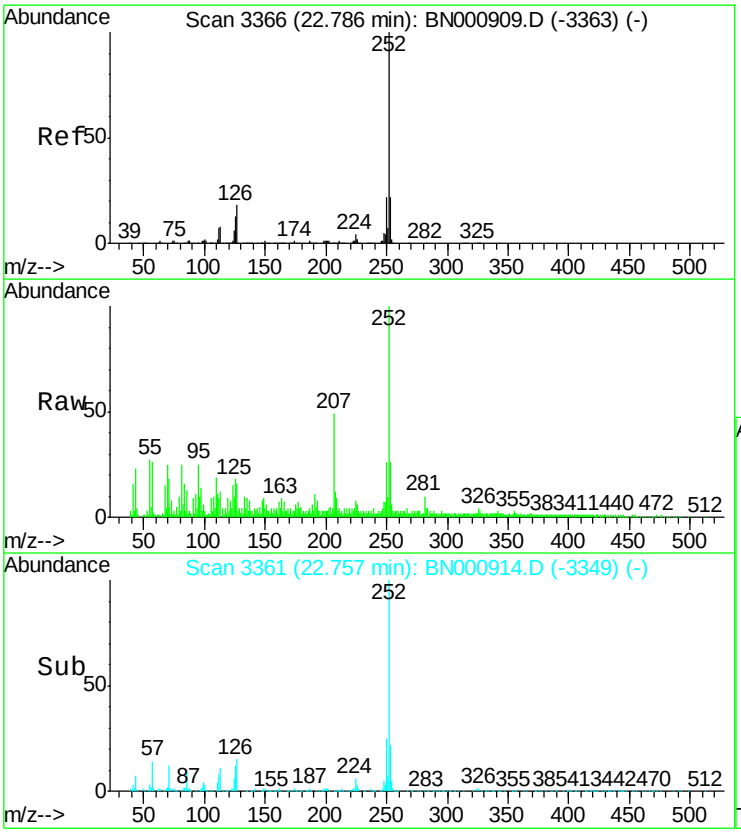
#23
Benzo(b)fluoranthene
Concen: 7.401 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 237082

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	17.6	8.0	12.0#

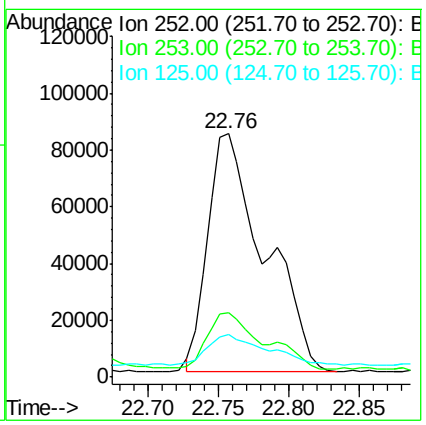


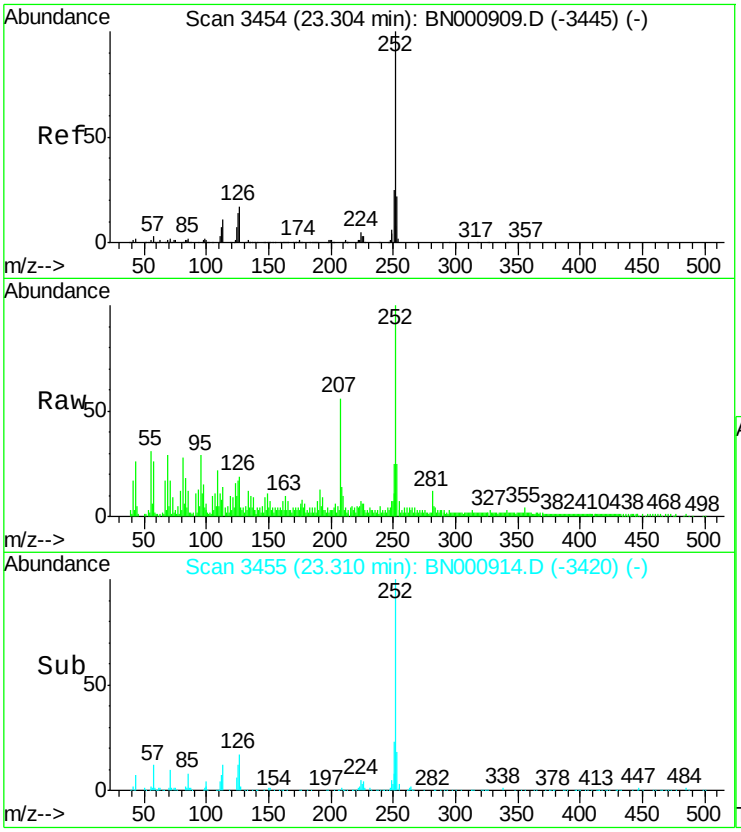


#24
Benzo(k)fluoranthene
Concen: 7.499 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Tgt Ion:252 Resp: 235084

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	17.6	8.1	12.1#



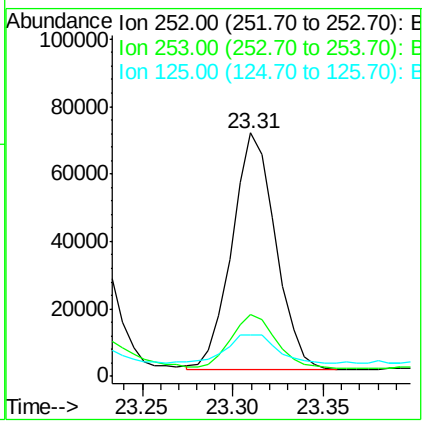


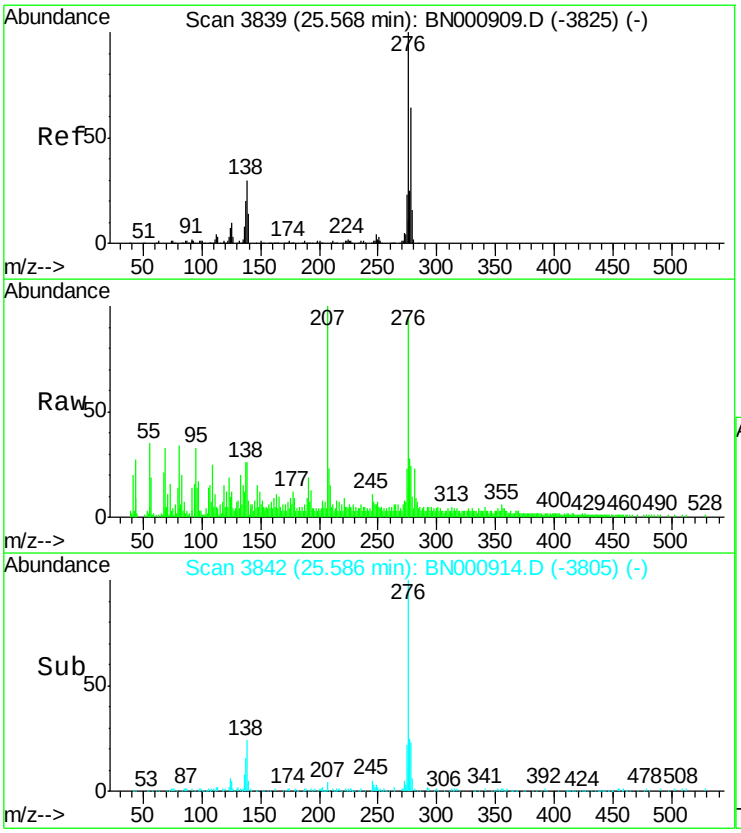
#26
Benzo(a)pyrene
Concen: 3.855 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 118030

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	17.2	8.2	12.4#

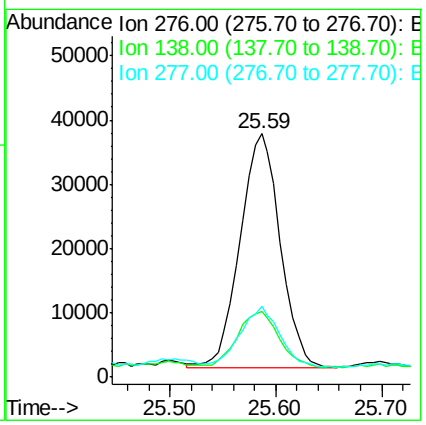


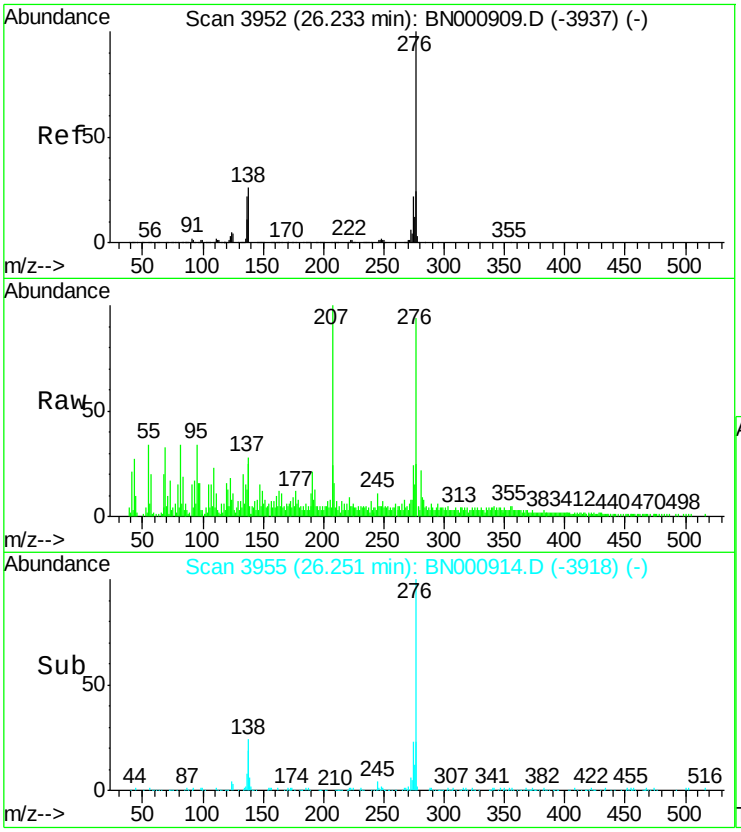


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.601 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. 0.02 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Tgt Ion:276 Resp: 96178

Ion	Ratio	Lower	Upper
276	100		
138	26.8	14.4	21.6#
277	29.0	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 3.308 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. 0.02 min
Lab File: BN000914.D
Acq: 26 Apr 2018 04:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 102308

Ion	Ratio	Lower	Upper
276	100		
138	27.0	15.3	22.9#
277	26.9	19.0	28.4