Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000916.D
Acq On : 26 Apr 2018 05:39
Operator : JU/SJ
Sample : J2444-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 26 08:38:28 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	140236	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	585696	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	287049	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	576258	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	555472	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	601241	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	622080	22.57	ng/ul	0.00
10) Fluorene-d10	15.26	176	425060	23.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	605513	22.98	ng/ul	0.00
18) Pyrene-d10	19.41	212	653363	22.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	717233	25.25	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	70925	2.257	ng/ul	99
16) Fluoranthene	19.07	202	233765	7.331	ng/ul	95
19) Pyrene	19.44	202	174054	4.878	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	130523	3.931	ng/ul#	88
21) Chrysene	21.20	228	130177	4.171	ng/ul	93
23) Benzo(b)fluoranthene	22.76	252	200376	5.864	ng/ul#	91
24) Benzo(k)fluoranthene	22.76	252	144807	4.331	ng/ul#	91
26) Benzo(a)pyrene	23.31	252	99377	3.043	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.58	276	67195	1.704	ng/ul#	83
29) Benzo(g,h,i)perylene	26.25	276	63565	1.927	ng/ul#	88

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

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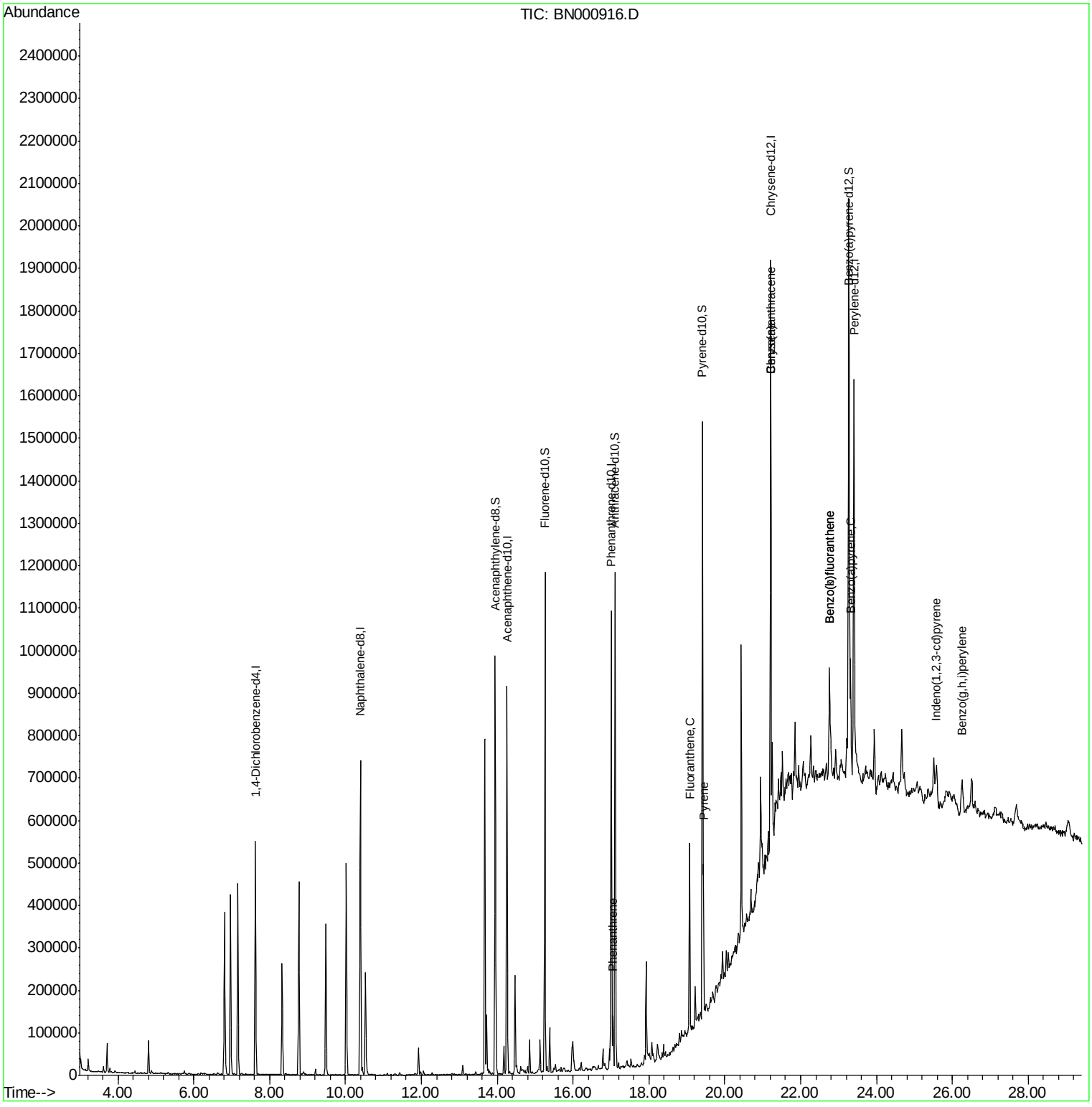
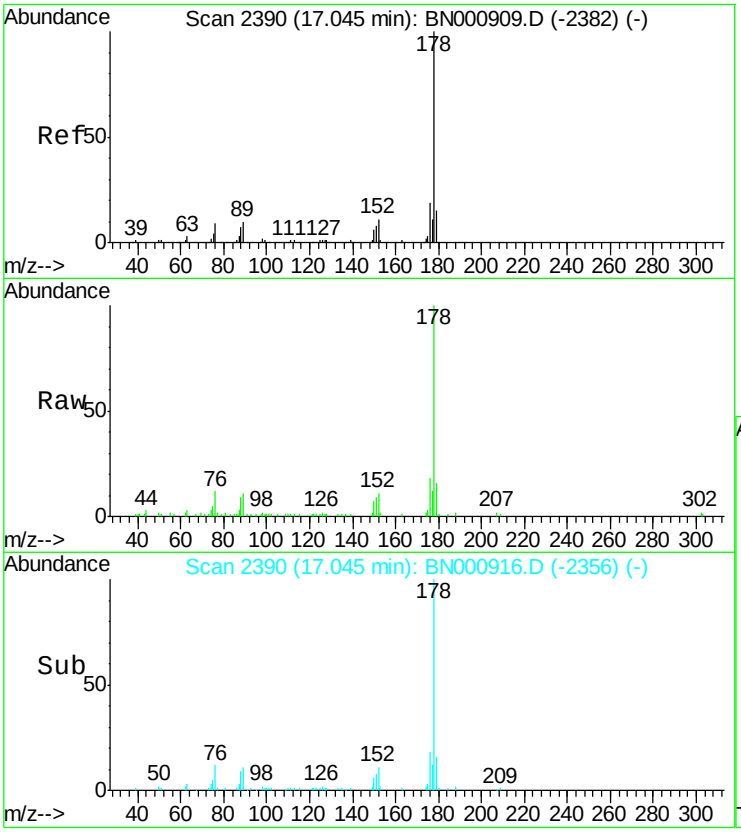


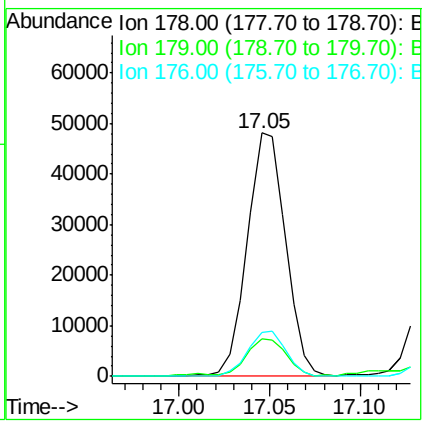


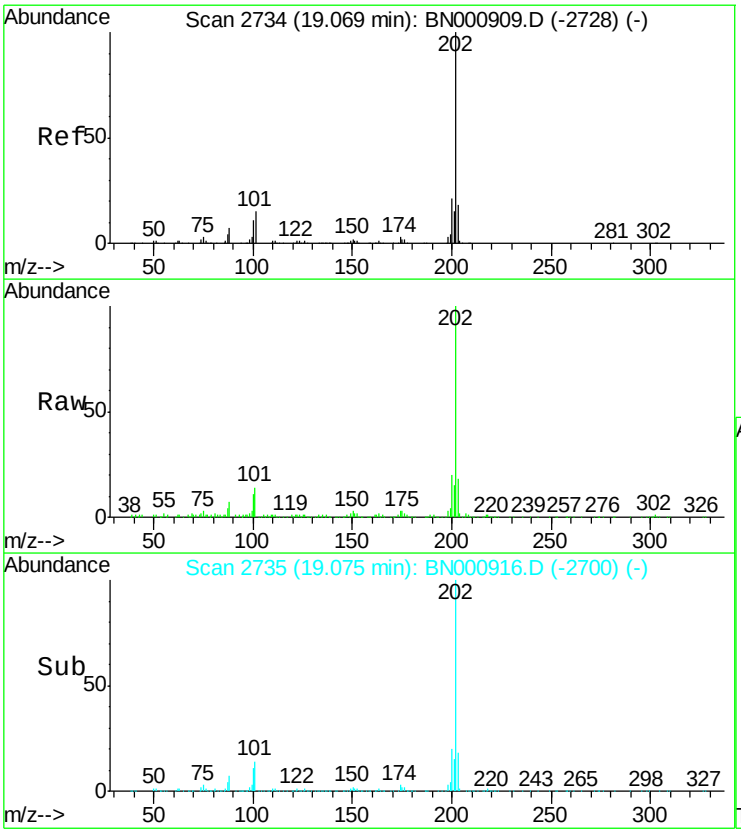
#13
Phenanthrene
Concen: 2.257 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 70925

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.2	15.1	22.7

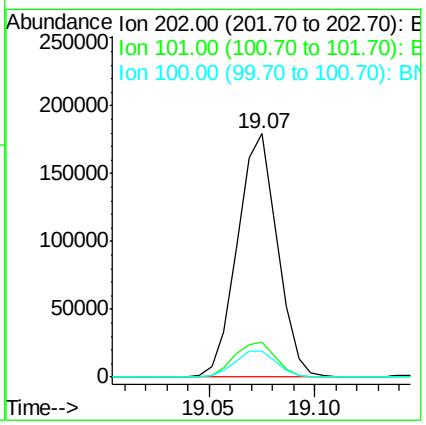


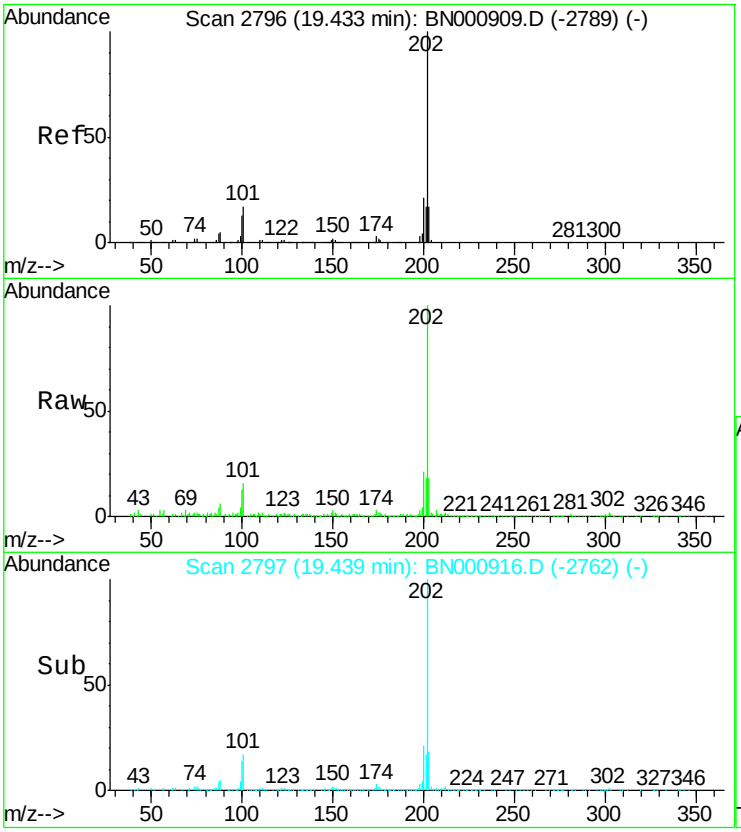


#16
Fluoranthene
Concen: 7.331 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Tgt Ion:202 Resp: 233765

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	10.8	7.4	11.0



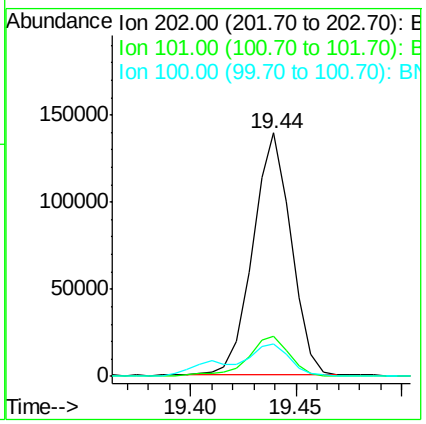


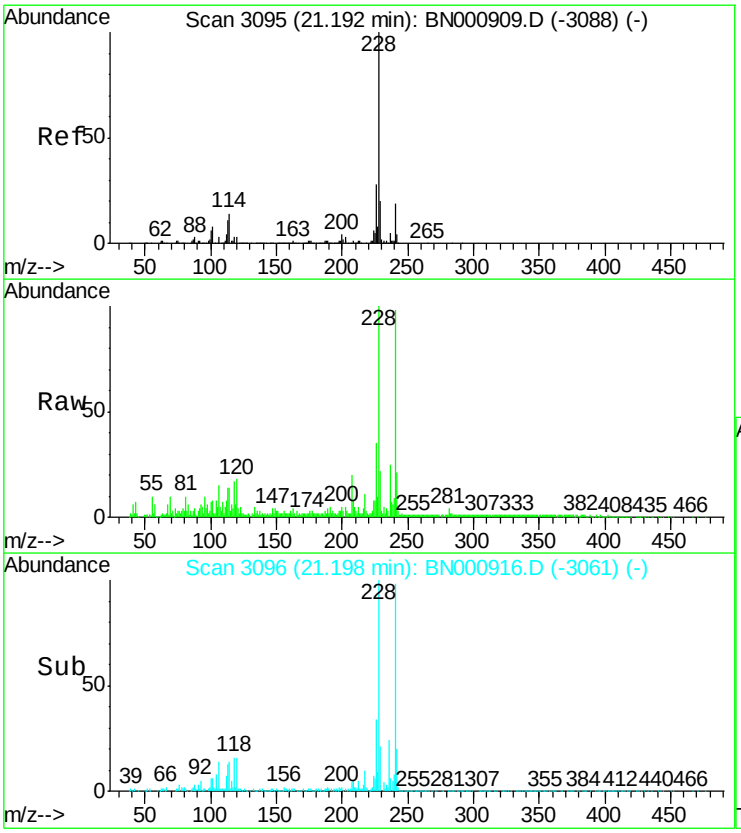
#19
Pyrene
Concen: 4.878 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 174054

Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.0	16.4
100	13.4	8.1	12.1#

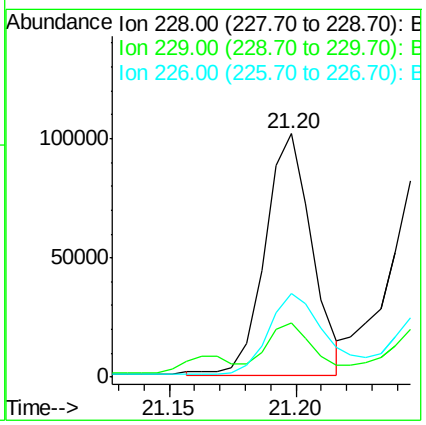


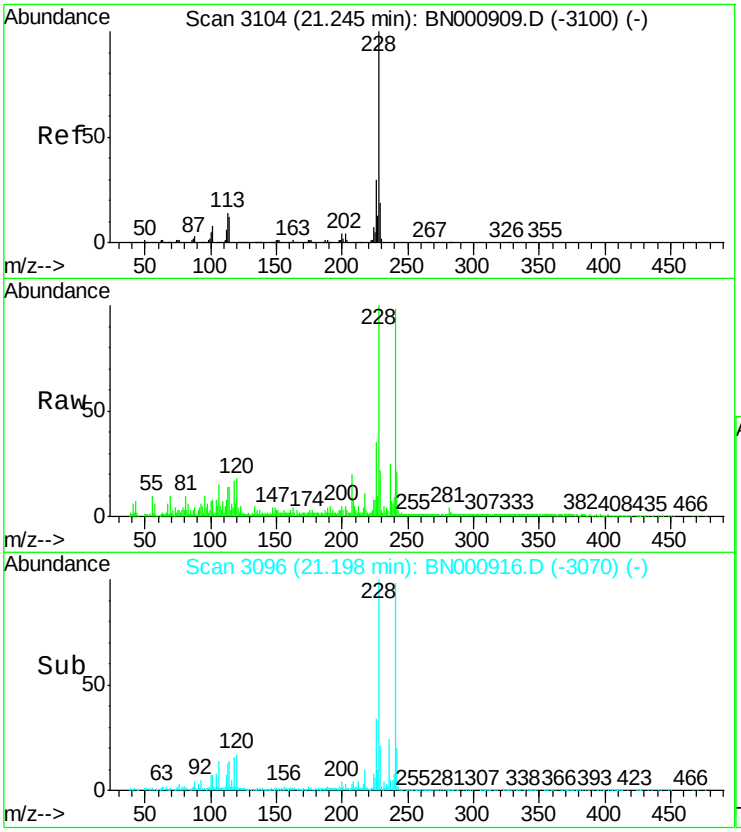


#20
Benzo(a)anthracene
Concen: 3.931 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Tgt Ion:228 Resp: 130523

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.7	23.5
226	34.6	21.1	31.7#



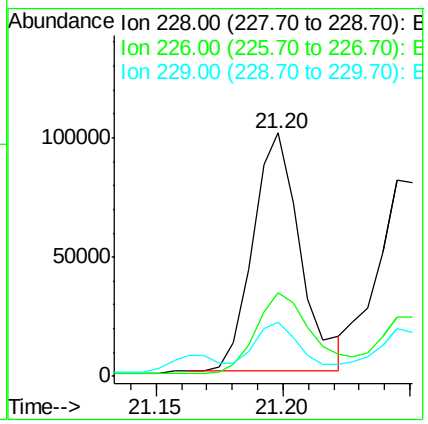


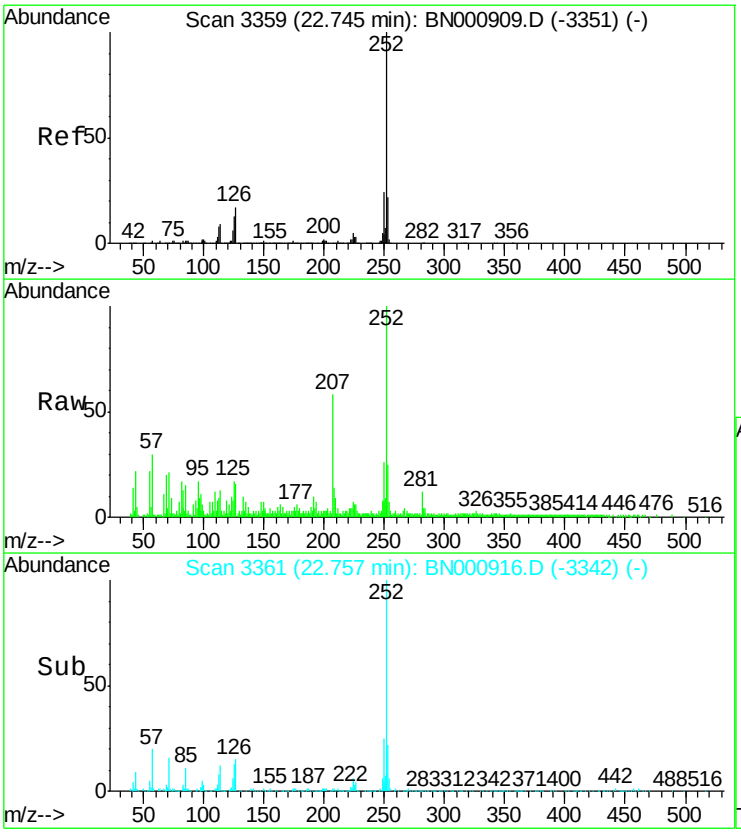
#21
Chrysene
Concen: 4.171 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.05 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 130177

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.5	36.7
229	22.5	15.8	23.8

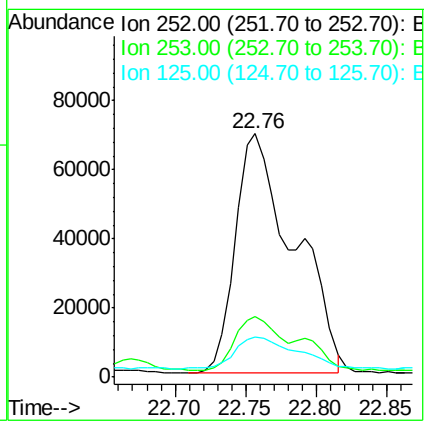


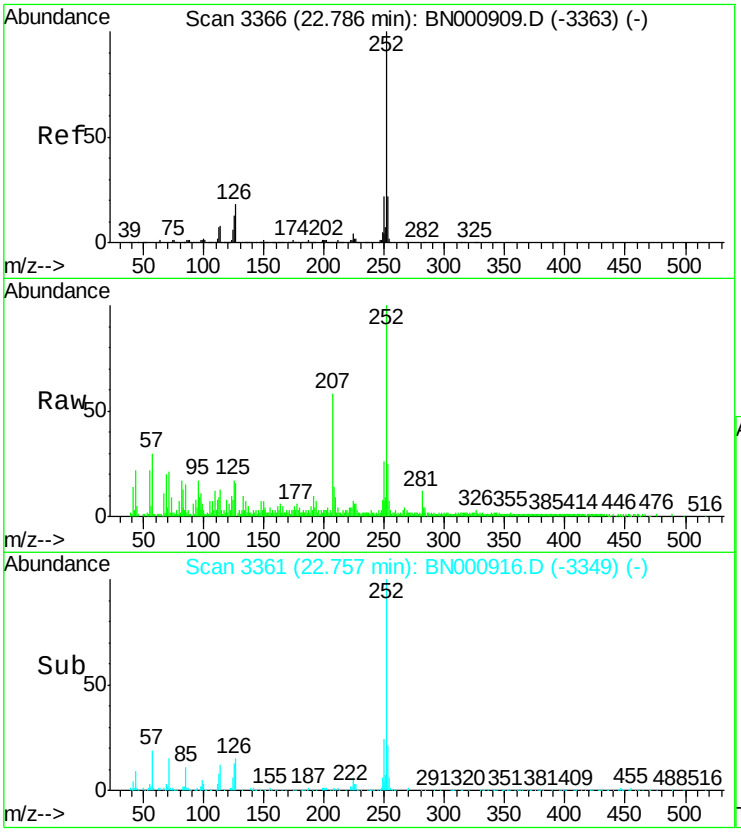


#23
Benzo(b)fluoranthene
Concen: 5.864 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Tgt Ion:252 Resp: 200376

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	16.5	8.0	12.0#



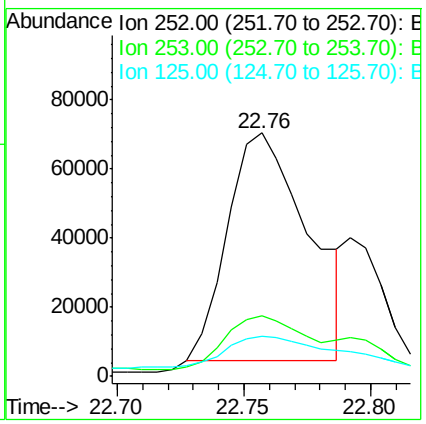


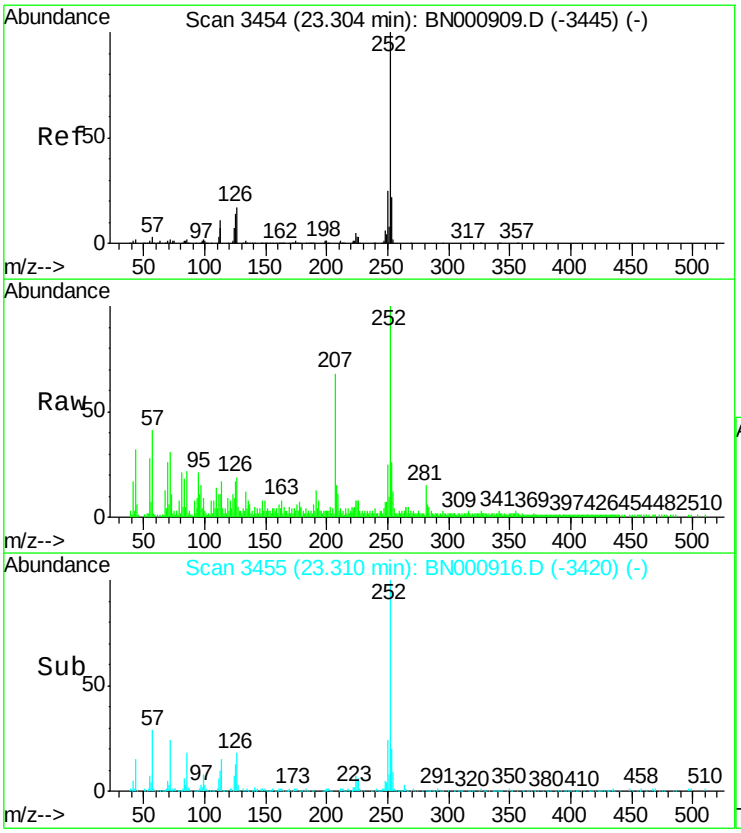
#24
Benzo(k)fluoranthene
Concen: 4.331 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 144807

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	16.5	8.1	12.1#

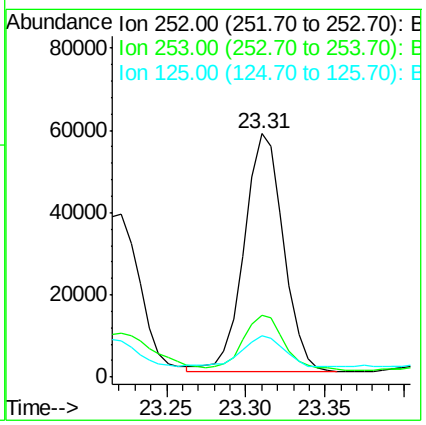


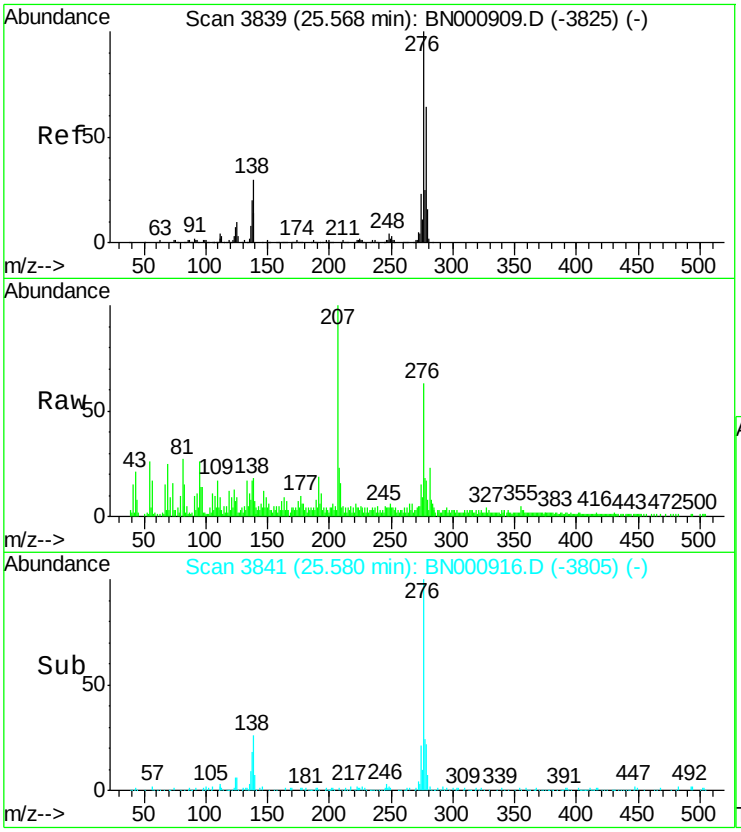


#26
Benzo(a)pyrene
Concen: 3.043 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Tgt Ion:252 Resp: 99377

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	17.2	8.2	12.4#



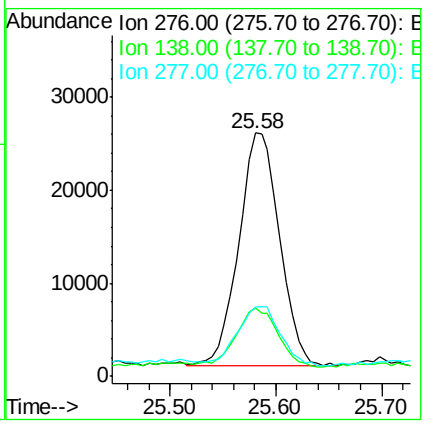


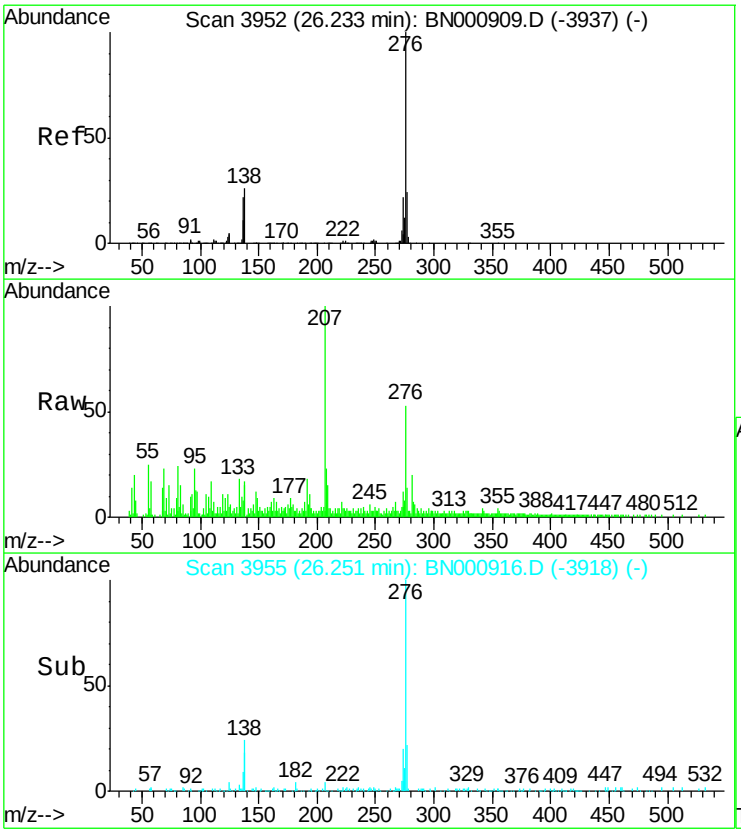
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.704 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 67195

Ion	Ratio	Lower	Upper
276	100		
138	28.3	14.4	21.6#
277	28.4	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 1.927 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. 0.02 min
Lab File: BN000916.D
Acq: 26 Apr 2018 05:39

Tgt Ion:276 Resp: 63565

Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.3	22.9#
277	26.5	19.0	28.4