Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000885.D
Acq On : 25 Apr 2018 11:16
Operator : JU/SJ
Sample : J2444-16
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 25 12:49:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	206840	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	901776	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	455069	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	842427	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	643723	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	680947	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	990475	22.66	ng/ul	0.00
10) Fluorene-d10	15.25	176	674832	23.13	ng/ul	0.00
14) Anthracene-d10	17.10	188	887802	23.05	ng/ul	0.00
18) Pyrene-d10	19.40	212	826408	25.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	815141	25.34	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	92416	2.011	ng/ul	99
16) Fluoranthene	19.06	202	229379	4.921	ng/ul#	93
19) Pyrene	19.43	202	185146	4.478	ng/ul#	90
20) Benzo(a)anthracene	21.25	228	137366	3.570	ng/ul	92
21) Chrysene	21.25	228	129298	3.575	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	275239	7.112	ng/ul#	94
24) Benzo(k)fluoranthene	22.76	252	277048	7.316	ng/ul#	94
26) Benzo(a)pyrene	23.32	252	138541	3.746	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.57	276	103265	2.312	ng/ul#	89
29) Benzo(g,h,i)perylene	26.24	276	101961	2.729	ng/ul#	91

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

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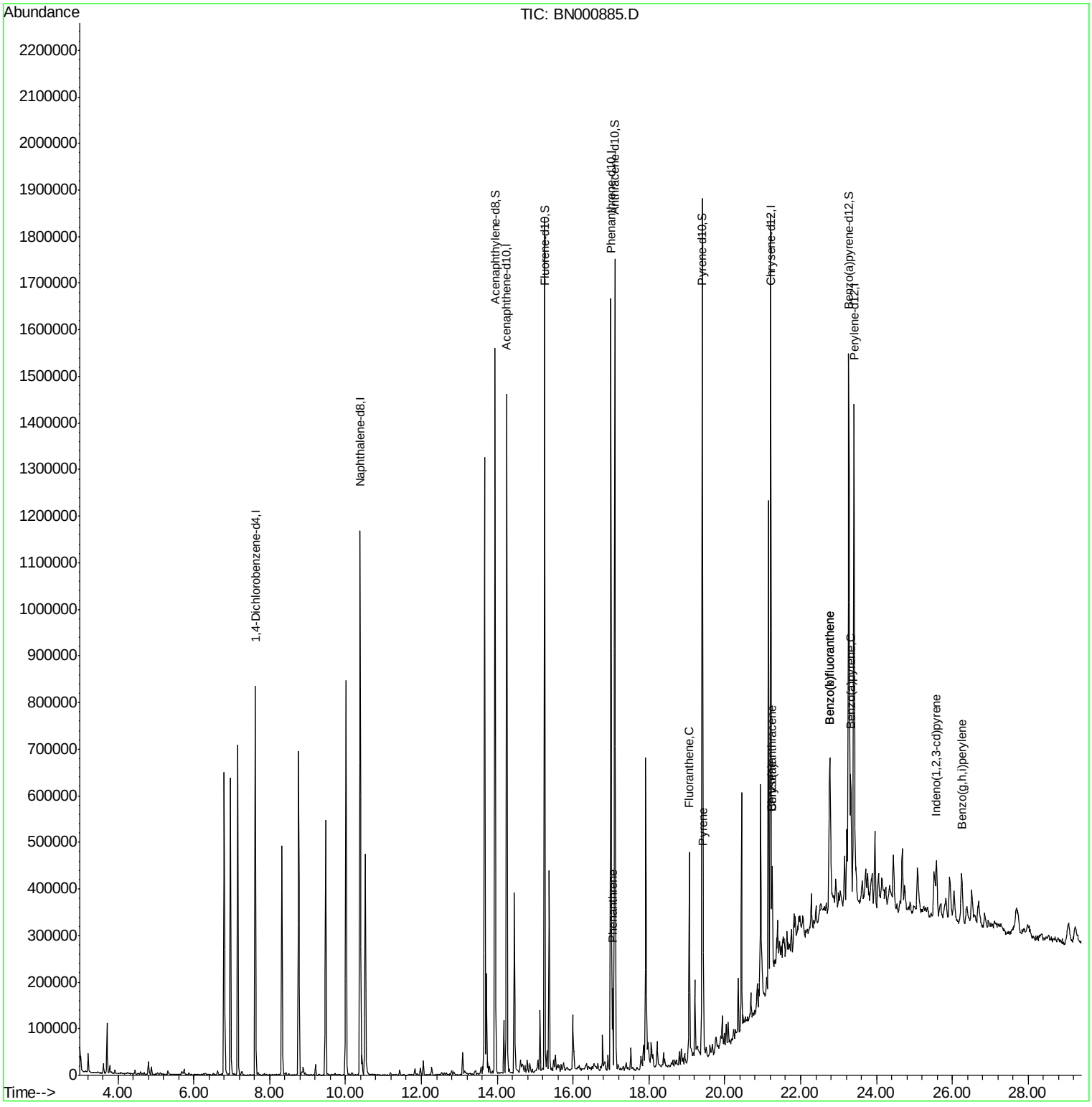
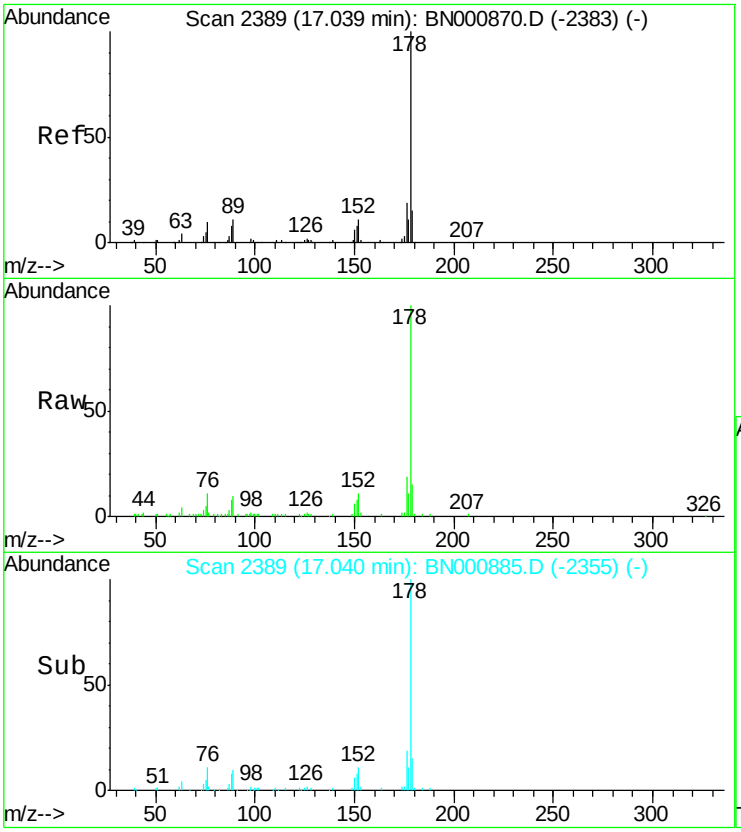


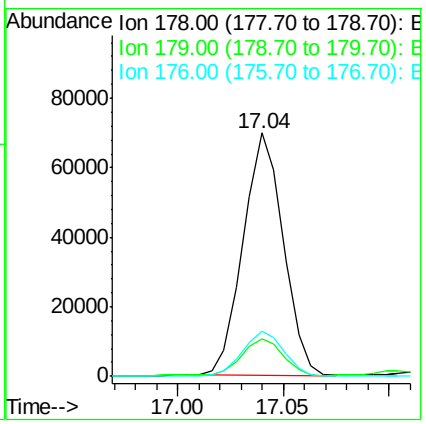


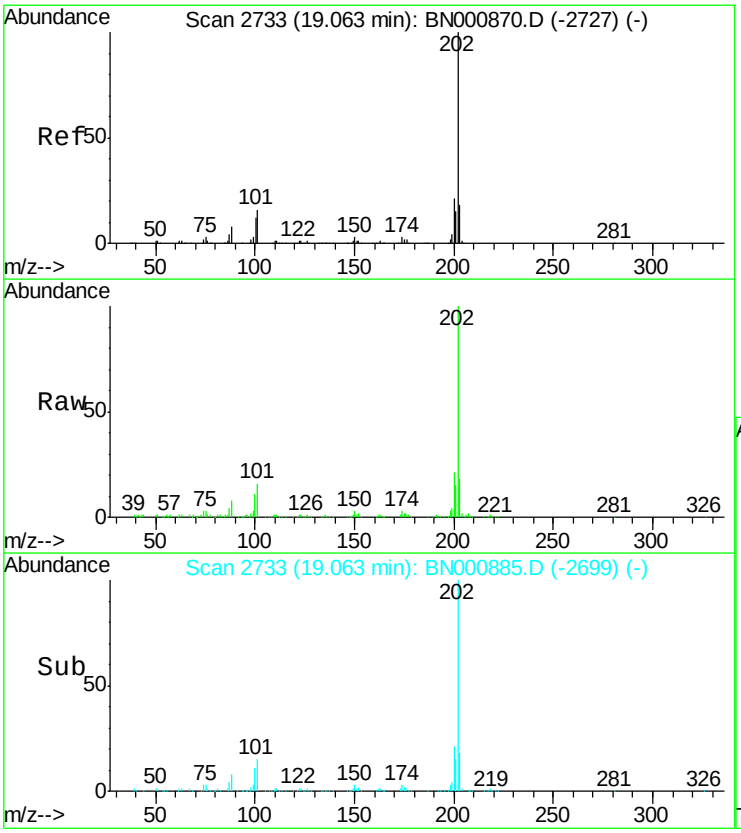
#13
Phenanthrene
Concen: 2.011 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 92416

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.5	15.1	22.7

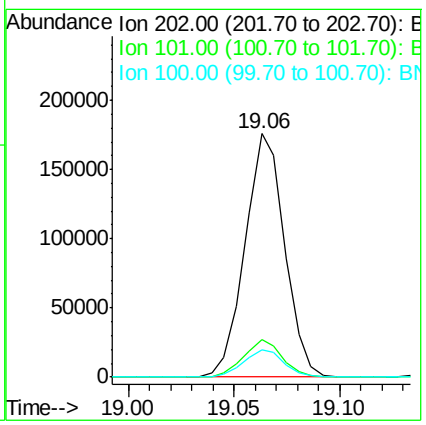


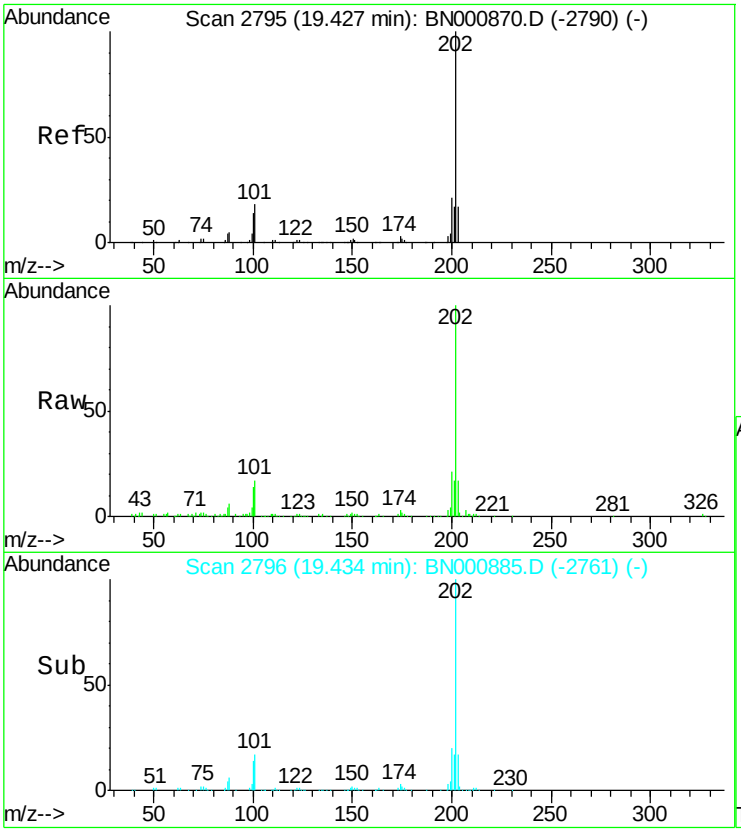


#16
Fluoranthene
Concen: 4.921 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Tgt Ion:202 Resp: 229379

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.4	7.4	11.0#



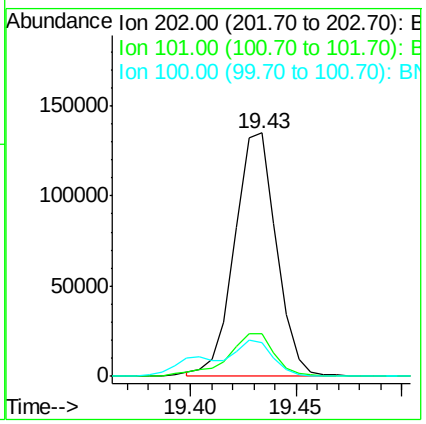


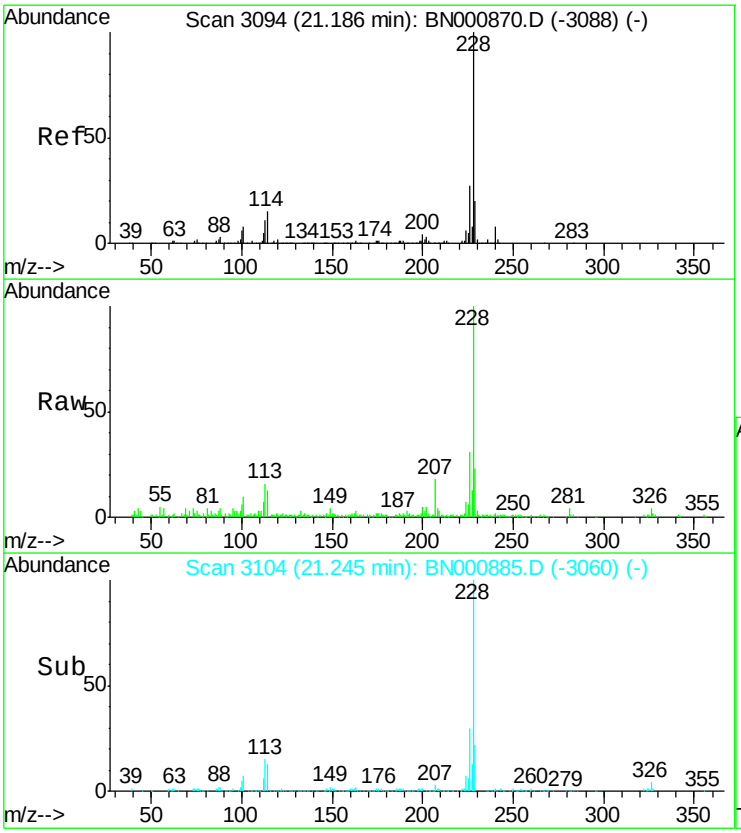
#19
Pyrene
Concen: 4.478 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 185146

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.0	8.1	12.1#

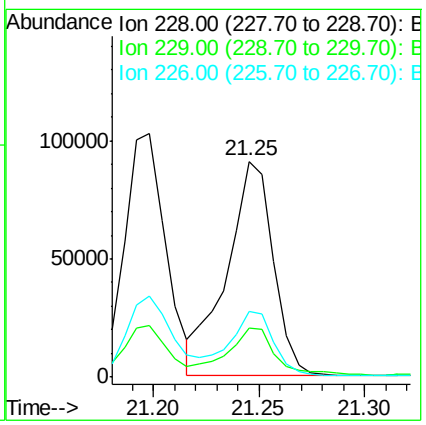


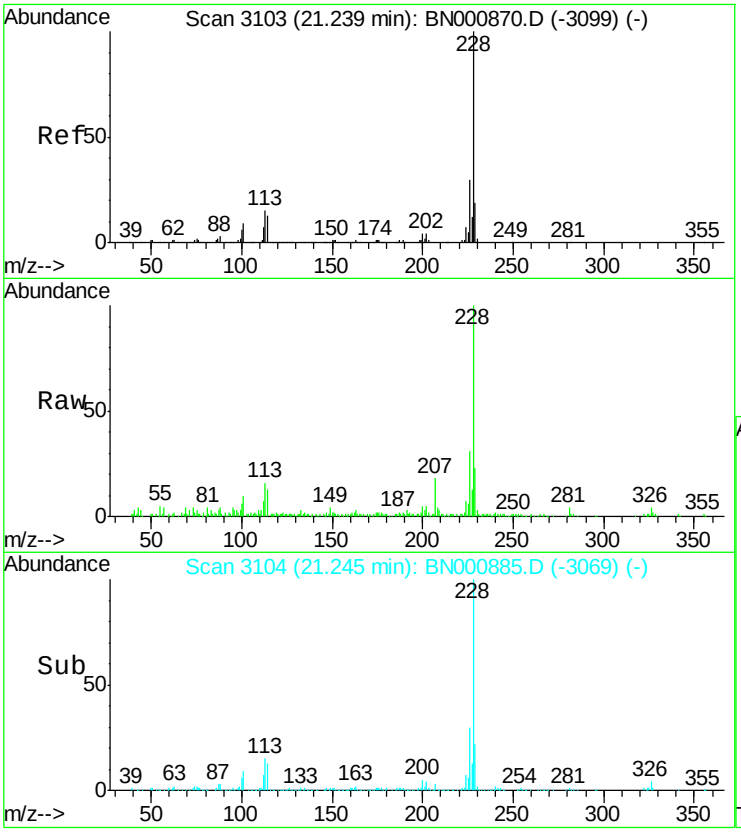


#20
Benzo(a)anthracene
Concen: 3.570 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.06 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Tgt Ion:228 Resp: 137366

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	30.7	21.1	31.7



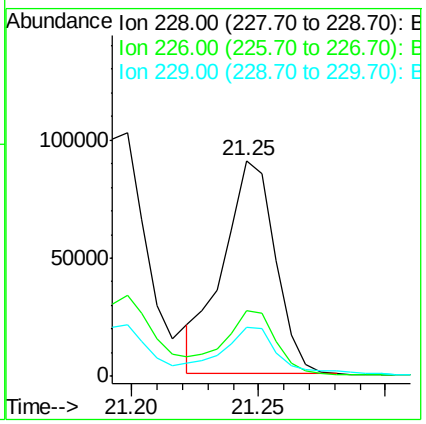


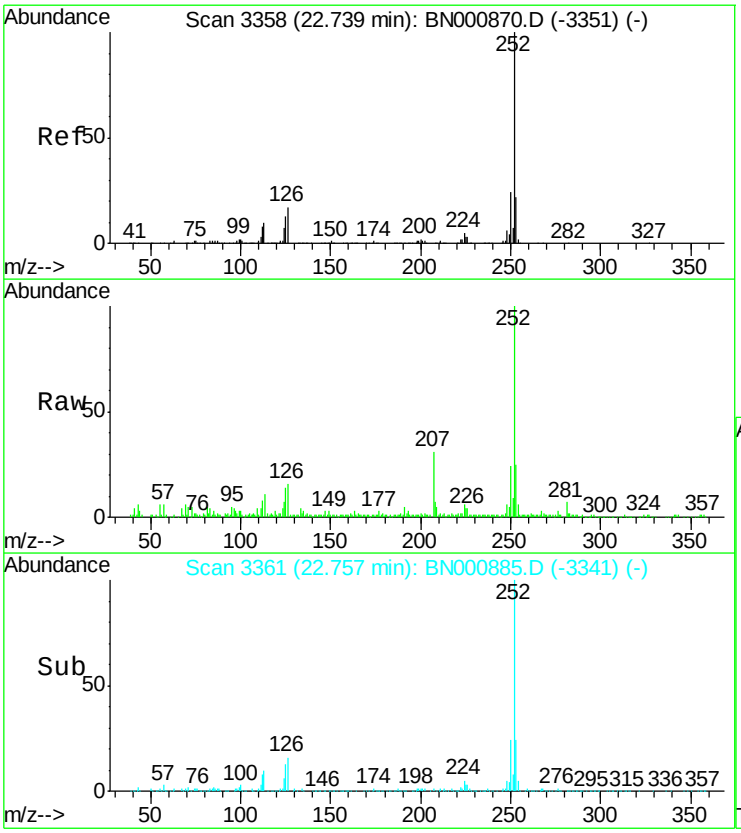
#21
Chrysene
Concen: 3.575 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 129298

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	22.6	15.8	23.8

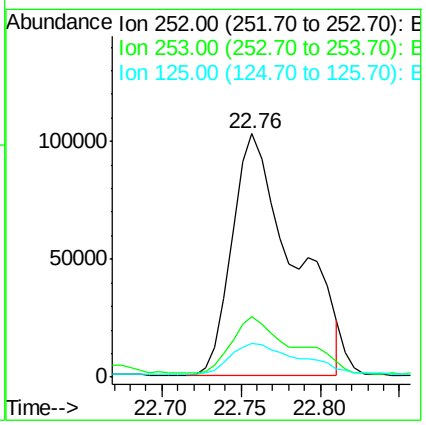


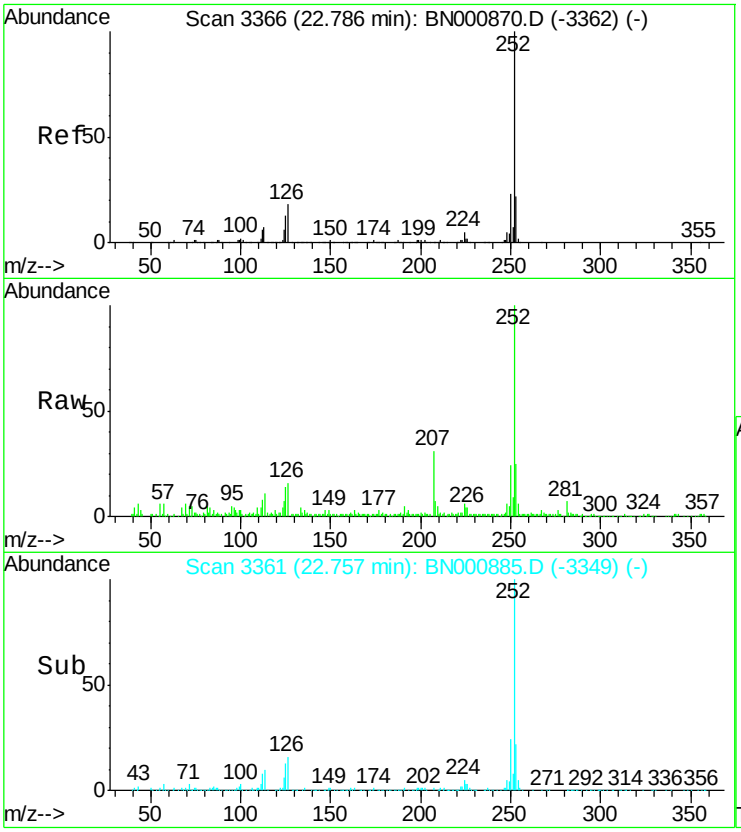


#23
Benzo(b)fluoranthene
Concen: 7.112 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Tgt Ion:252 Resp: 275239

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	13.7	8.0	12.0#



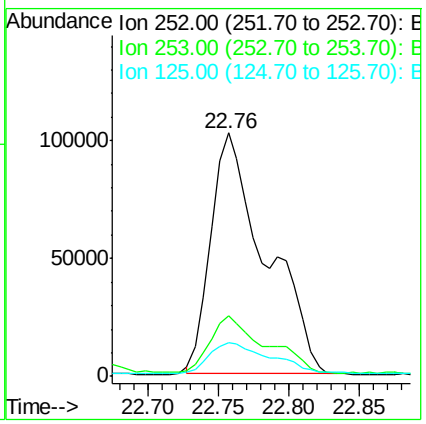


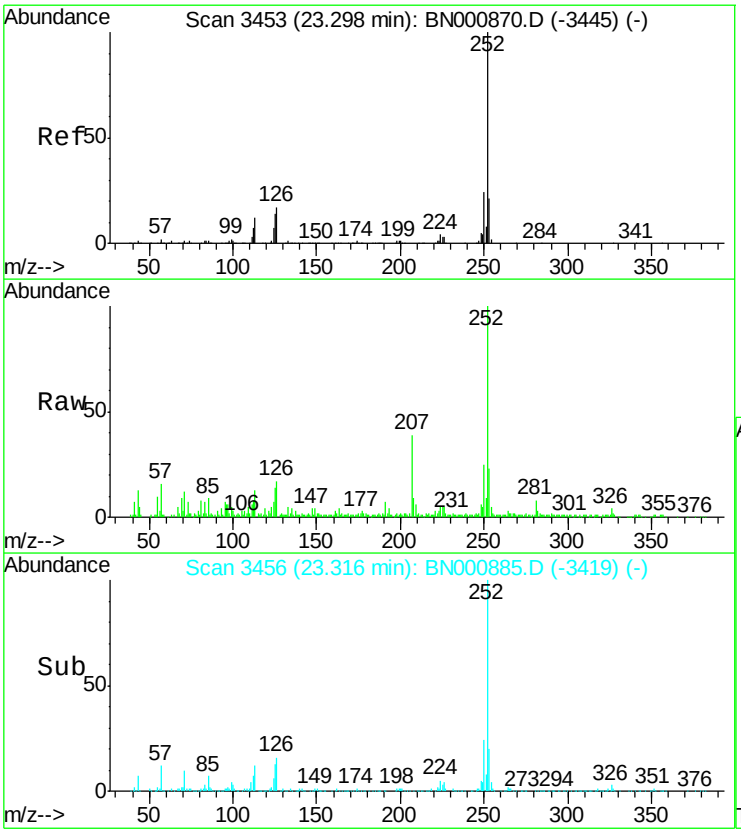
#24
Benzo(k)fluoranthene
Concen: 7.316 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 277048

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	13.7	8.1	12.1#

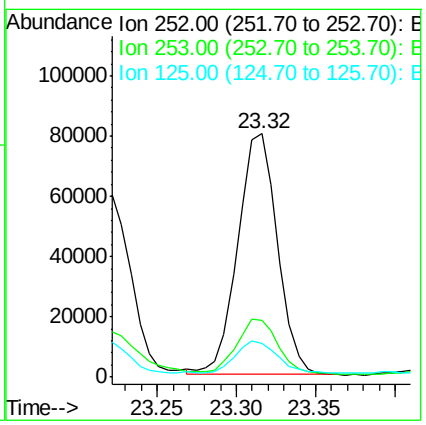


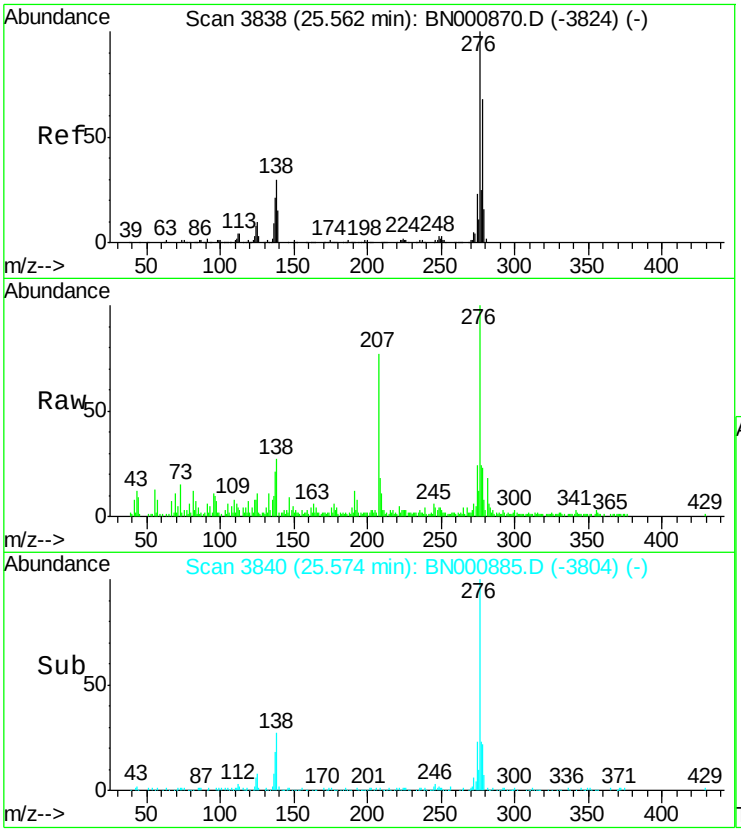


#26
Benzo(a)pyrene
Concen: 3.746 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.02 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Tgt Ion:252 Resp: 138541

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.9	8.2	12.4#



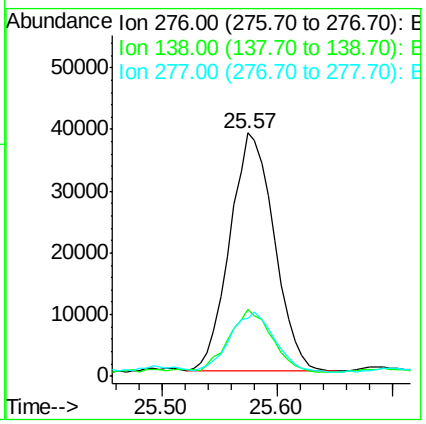


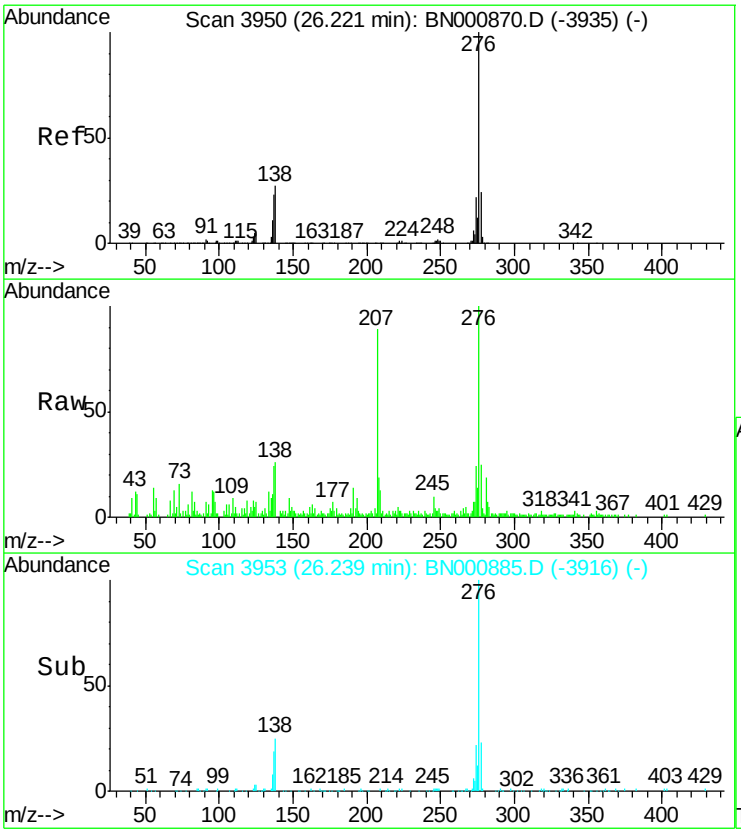
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.312 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 103265

Ion	Ratio	Lower	Upper
276	100		
138	27.5	14.4	21.6#
277	23.8	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 2.729 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BN000885.D
Acq: 25 Apr 2018 11:16

Tgt Ion:276 Resp: 101961

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.3	22.9#
277	25.1	19.0	28.4