Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000888.D
Acq On : 25 Apr 2018 13:00
Operator : JU/SJ
Sample : J2444-14
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 25 14:59:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 14:59:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	166597	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	693514	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	334839	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	649078	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	618520	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	663790	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	572879	17.81	ng/ul	0.00
10) Fluorene-d10	15.25	176	391307	18.23	ng/ul	0.00
14) Anthracene-d10	17.10	188	555419	18.71	ng/ul	0.00
18) Pyrene-d10	19.40	212	589776	18.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	644864	20.57	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	83403	2.356	ng/ul	99
16) Fluoranthene	19.06	202	195027	5.430	ng/ul#	93
19) Pyrene	19.43	202	167878	4.226	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	118748	3.212	ng/ul	96
21) Chrysene	21.24	228	111356	3.204	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	258600	6.855	ng/ul#	95
24) Benzo(k)fluoranthene	22.74	252	261786	7.092	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	127892	3.547	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.56	276	107087	2.459	ng/ul#	89
29) Benzo(g,h,i)perylene	26.22	276	107824	2.961	ng/ul#	93

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

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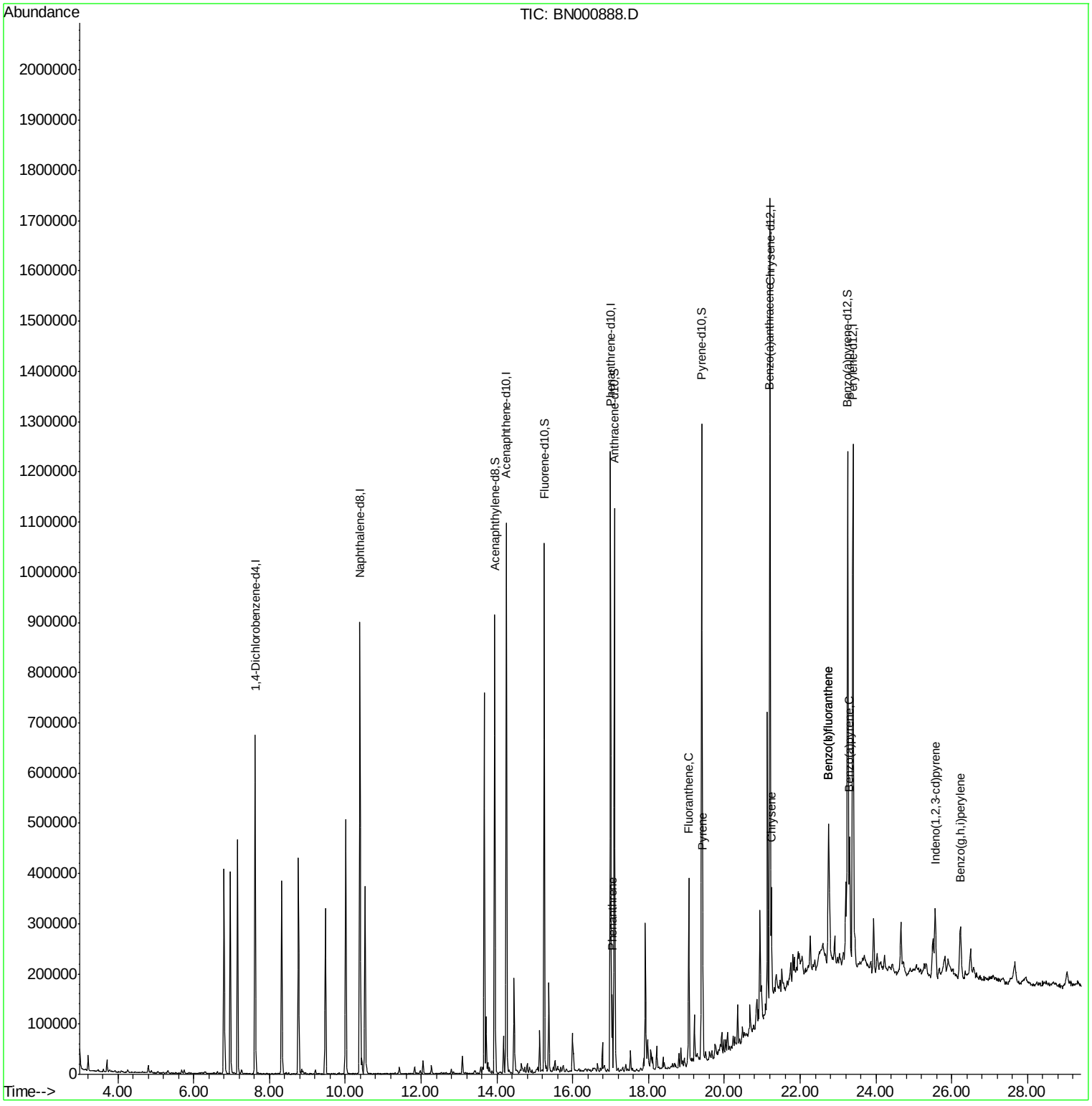
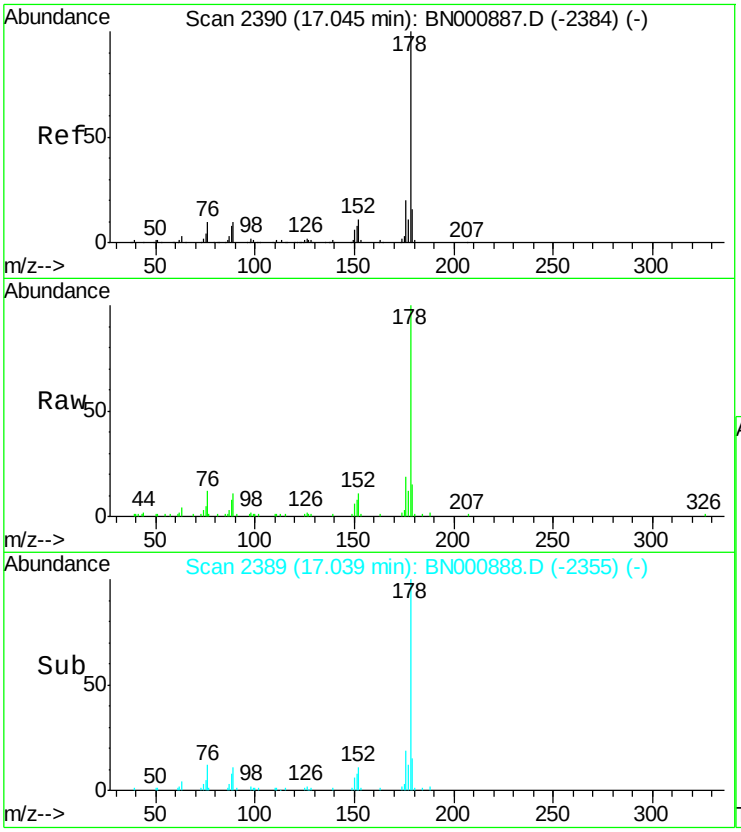


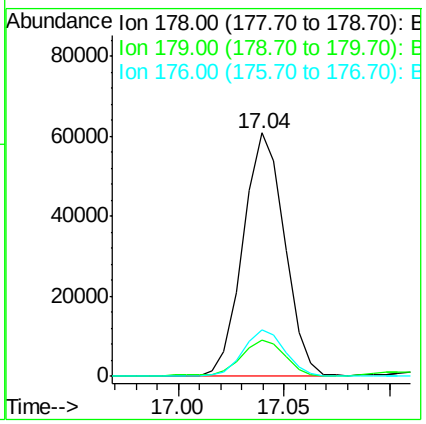


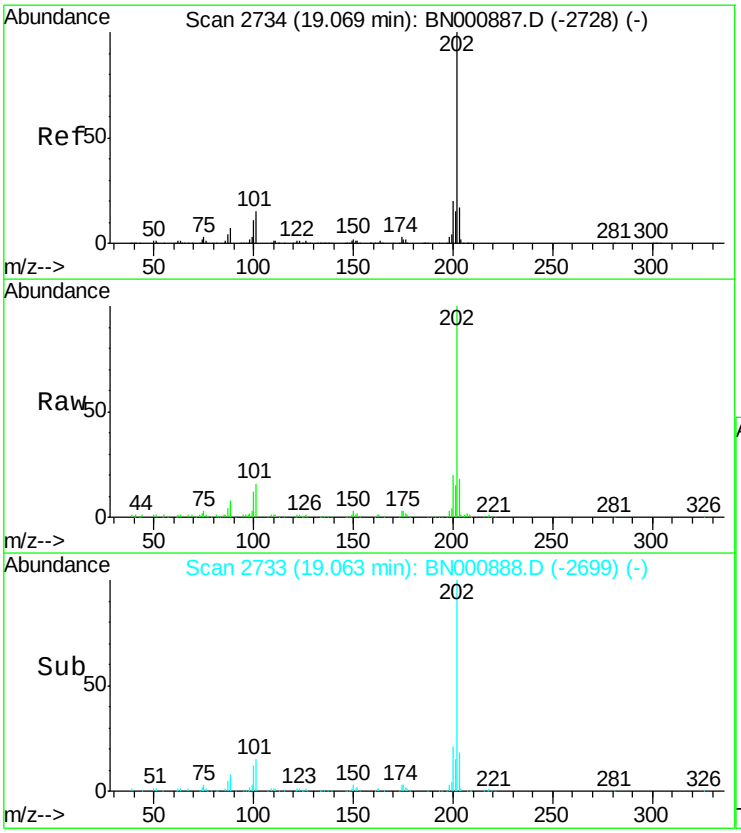
#13
Phenanthrene
Concen: 2.356 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 83403

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.2	15.1	22.7

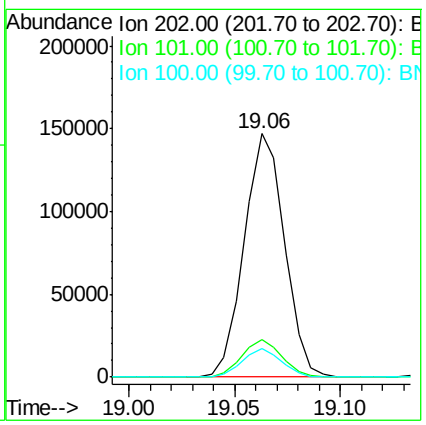


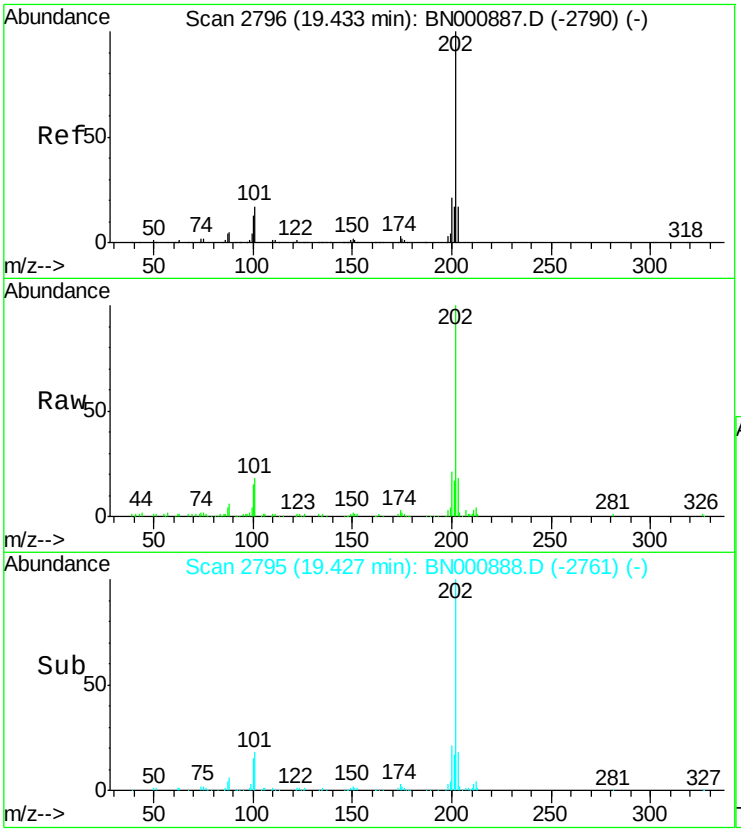


#16
Fluoranthene
Concen: 5.430 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:202 Resp: 195027

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.6	7.4	11.0#



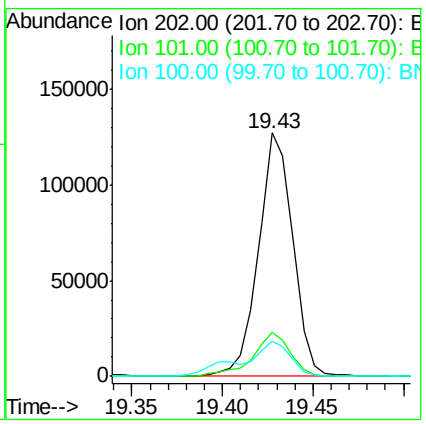


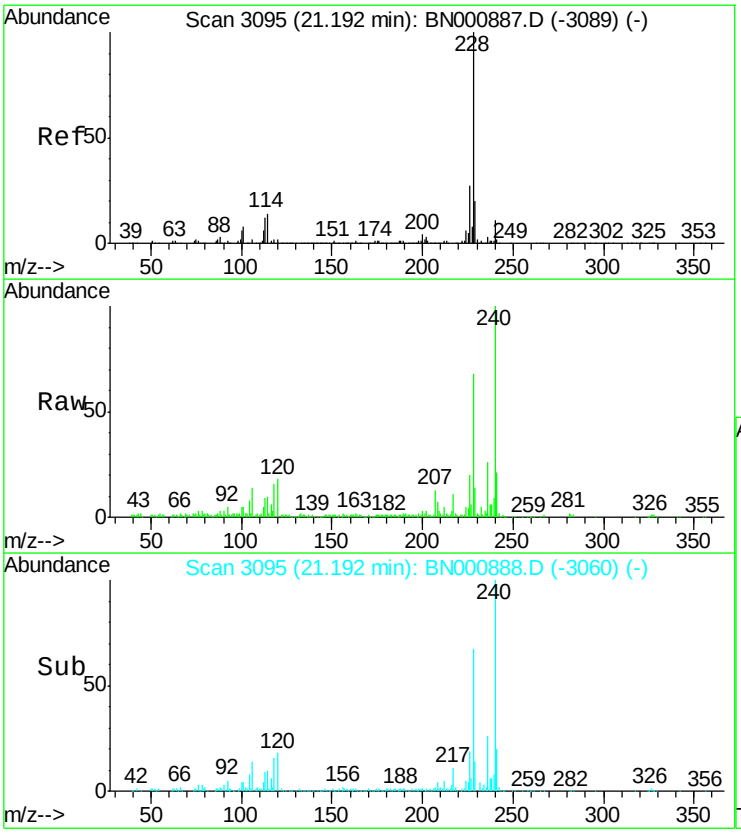
#19
Pyrene
Concen: 4.226 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 167878

Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.6	8.1	12.1#

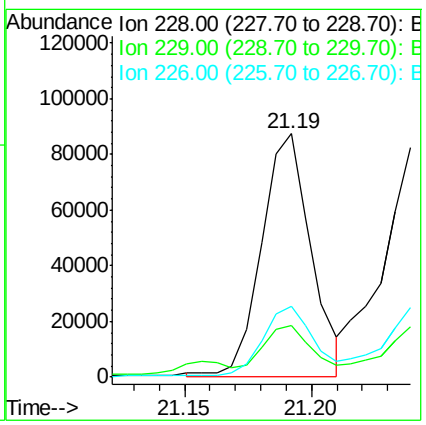


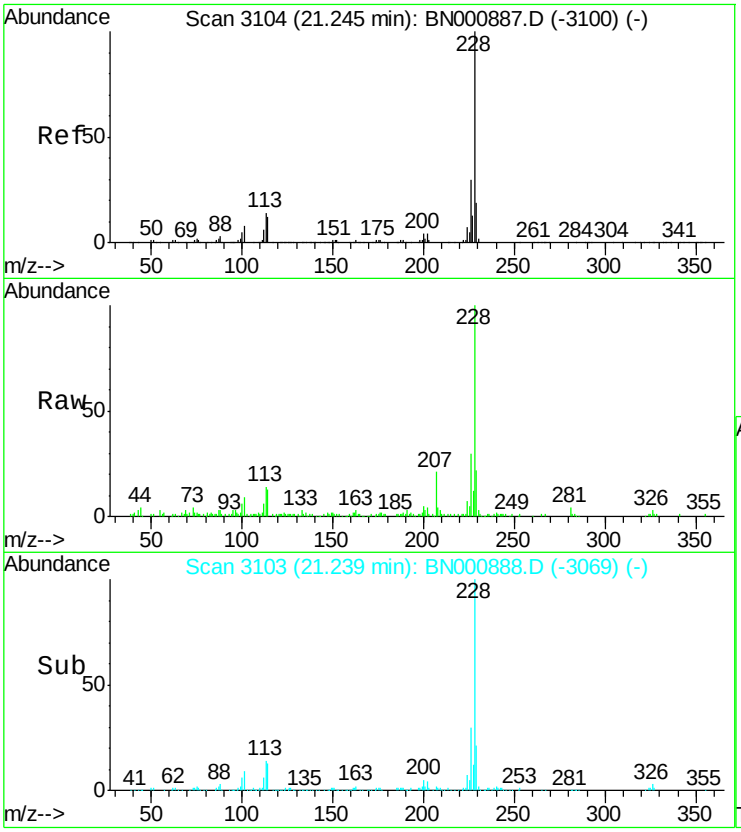


#20
Benzo(a)anthracene
Concen: 3.212 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:228 Resp: 118748

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.0	21.1	31.7



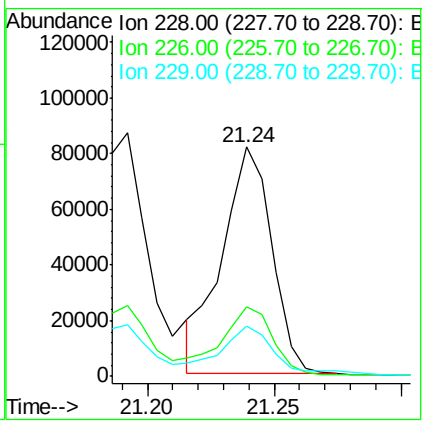


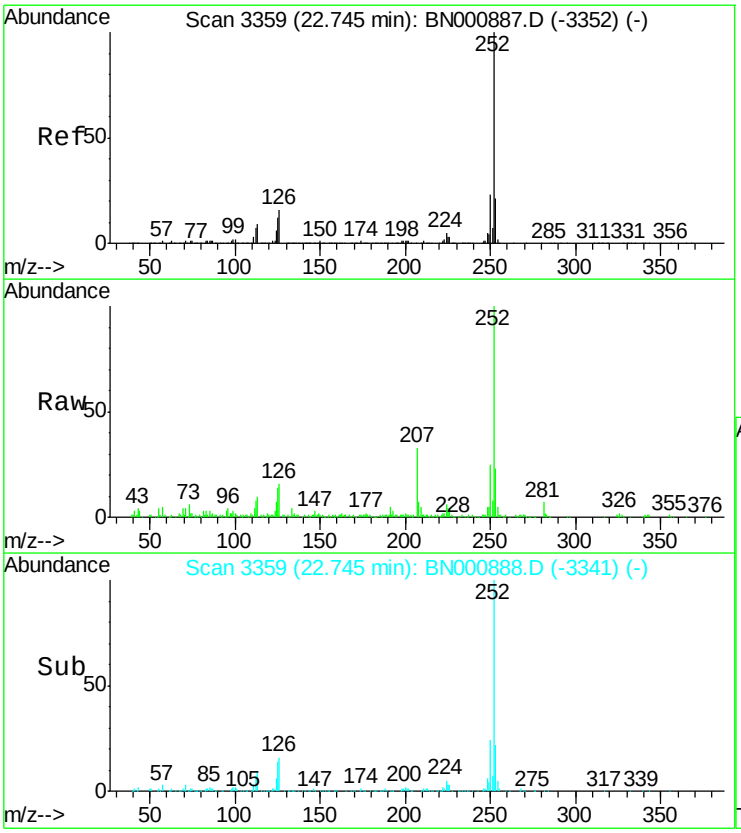
#21
Chrysene
Concen: 3.204 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 111356

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	21.9	15.8	23.8

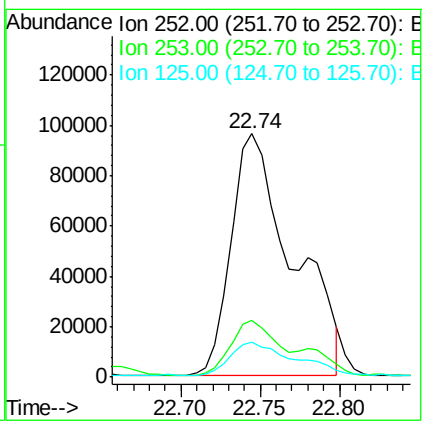


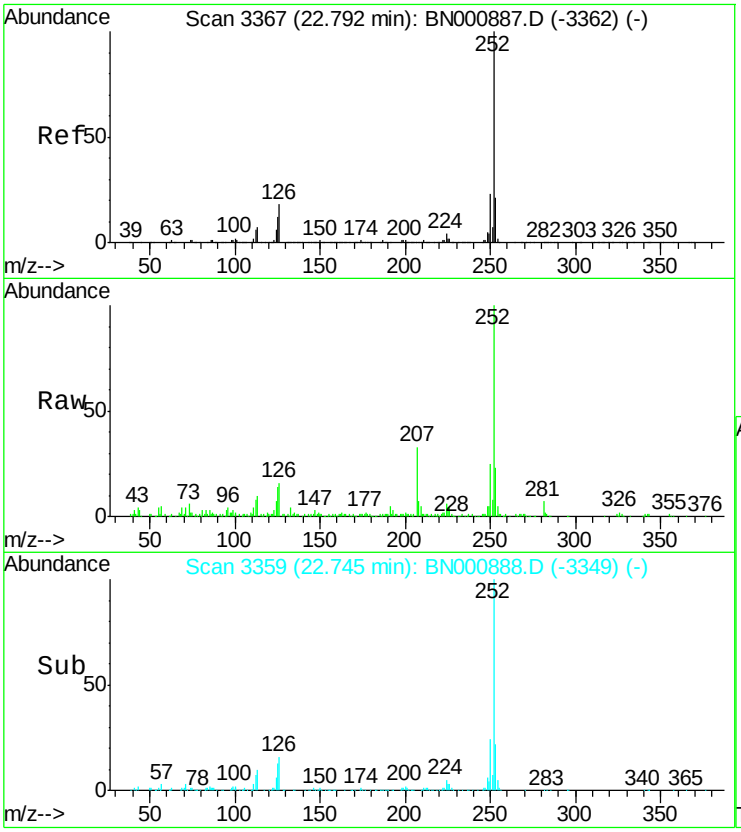


#23
Benzo(b)fluoranthene
Concen: 6.855 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:252 Resp: 258600

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.1	8.0	12.0#



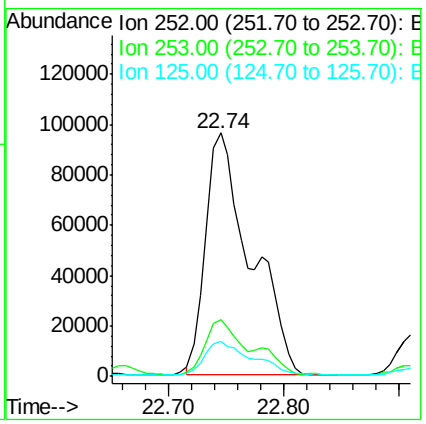


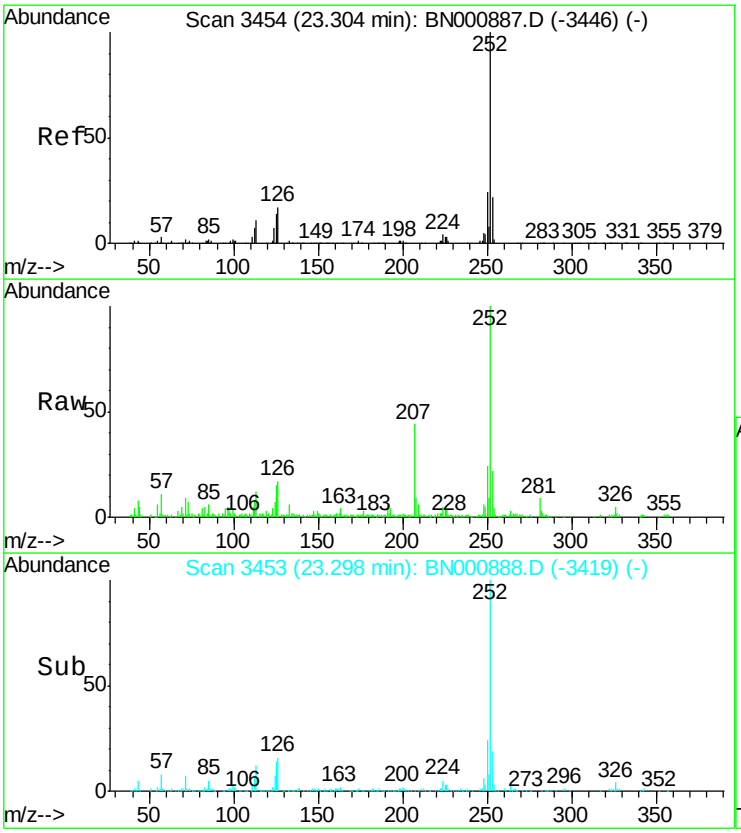
#24
Benzo(k)fluoranthene
Concen: 7.092 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 261786

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.1	8.1	12.1#

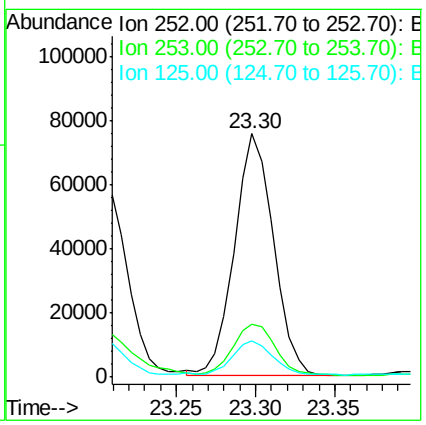


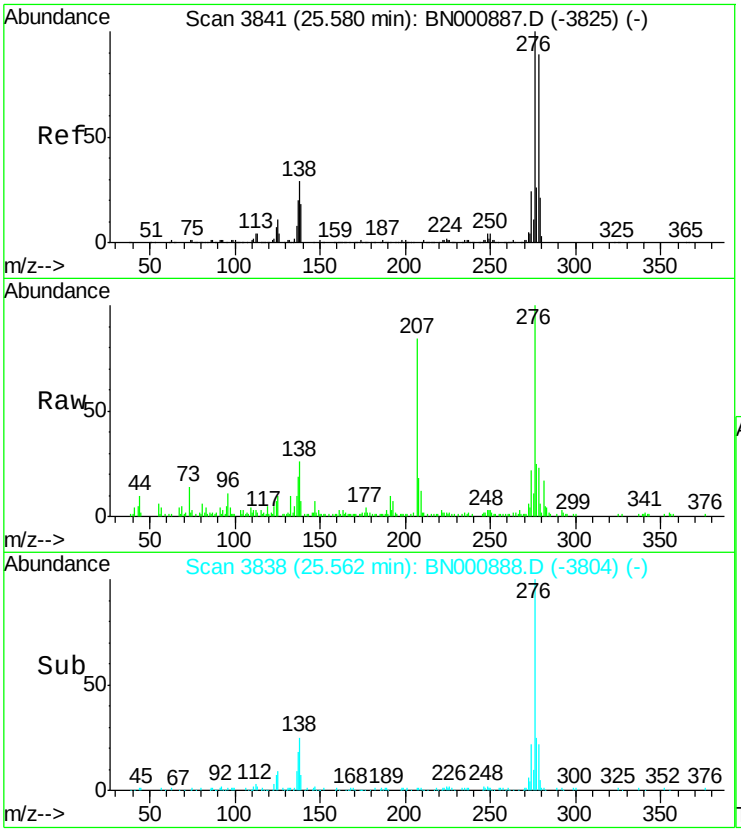


#26
Benzo(a)pyrene
Concen: 3.547 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:252 Resp: 127892

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	14.7	8.2	12.4#



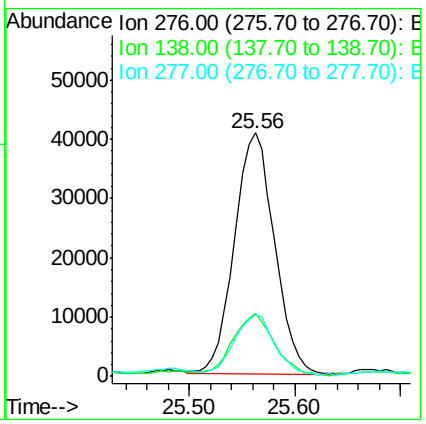


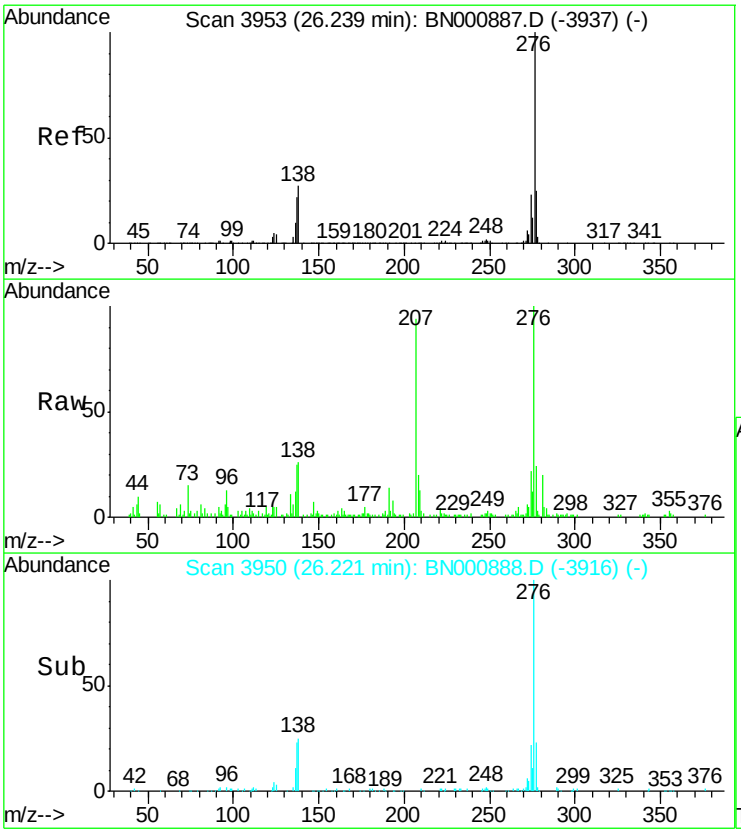
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.459 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 107087

Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.4	21.6#
277	25.4	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 2.961 ng/ul
RT: 26.22 min Scan# 3950
Delta R.T. -0.00 min
Lab File: BN000888.D
Acq: 25 Apr 2018 13:00

Tgt Ion:276 Resp: 107824

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	23.6	19.0	28.4