Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001035.D
Acq On : 01 May 2018 18:10
Operator : JU/SJ
Sample : J2599-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 02 07:45:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 07:44:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	96943	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	410808	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	212303	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	450978	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	443033	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	463492	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	434340	21.30	ng/ul	0.00
10) Fluorene-d10	15.25	176	311451	22.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	466388	22.61	ng/ul	0.00
18) Pyrene-d10	19.40	212	501883	22.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	532025	24.30	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	35861	1.458	ng/ul	99
16) Fluoranthene	19.07	202	119553	4.791	ng/ul#	94
19) Pyrene	19.43	202	101385	3.563	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	48977	1.849	ng/ul	95
21) Chrysene	21.24	228	57044	2.292	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	99325	3.771	ng/ul#	85
24) Benzo(k)fluoranthene	22.75	252	99765	3.871	ng/ul#	85
26) Benzo(a)pyrene	23.31	252	46247	1.837	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.59	276	37995	1.250	ng/ul#	85
29) Benzo(g,h,i)perylene	26.25	276	36756	1.445	ng/ul#	89

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

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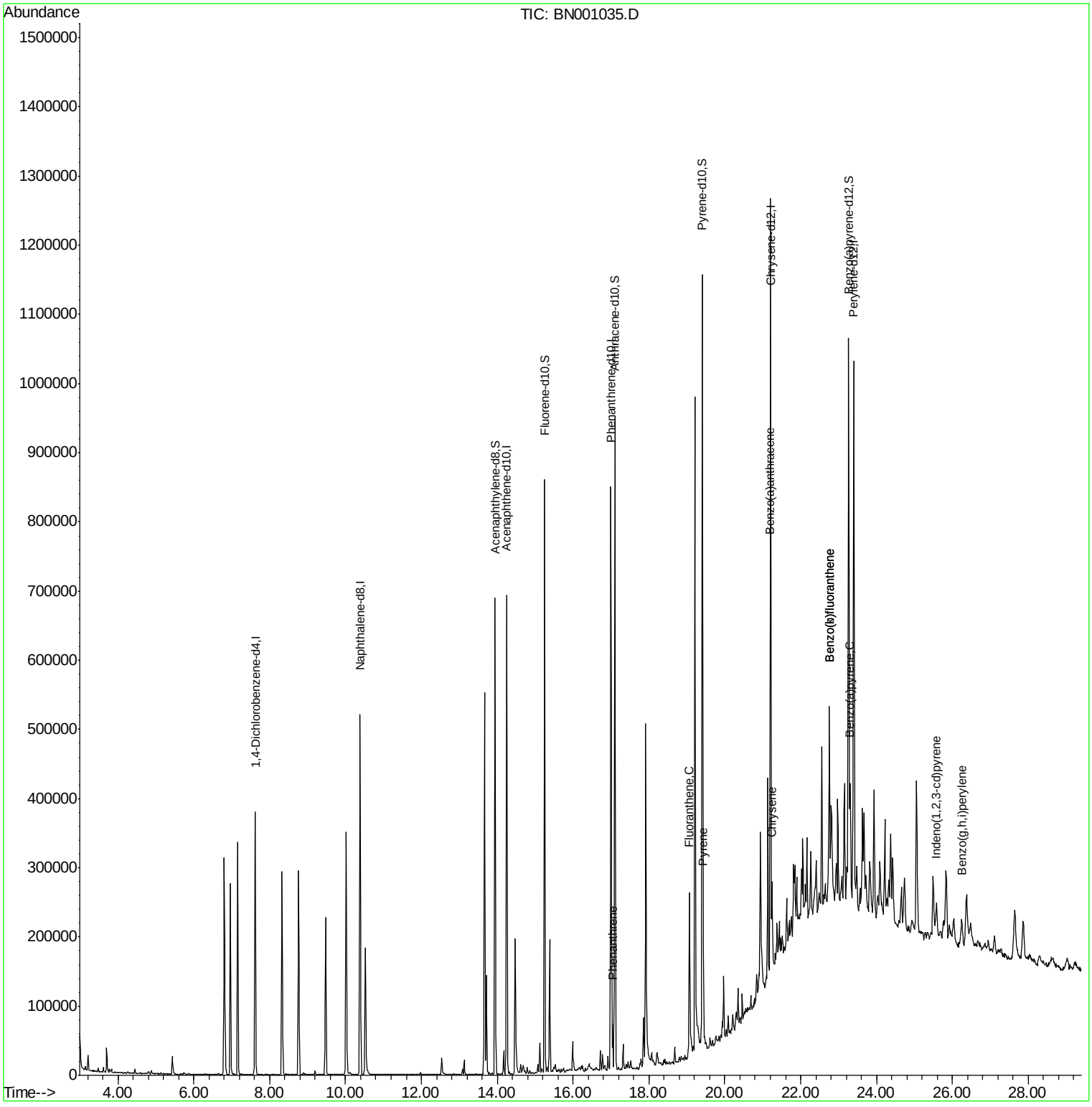
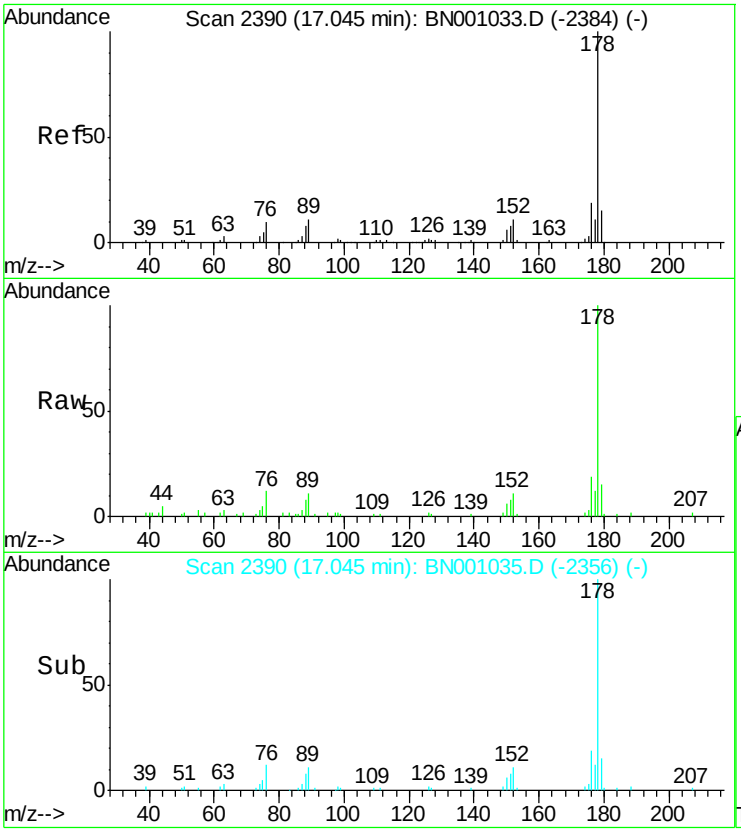


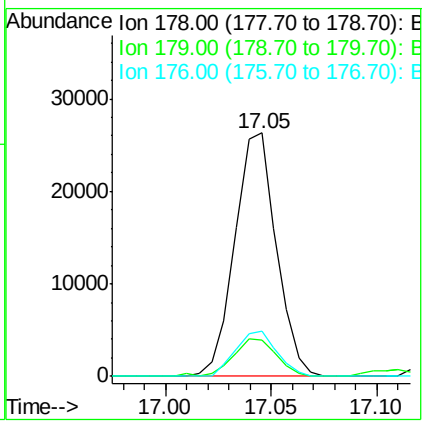


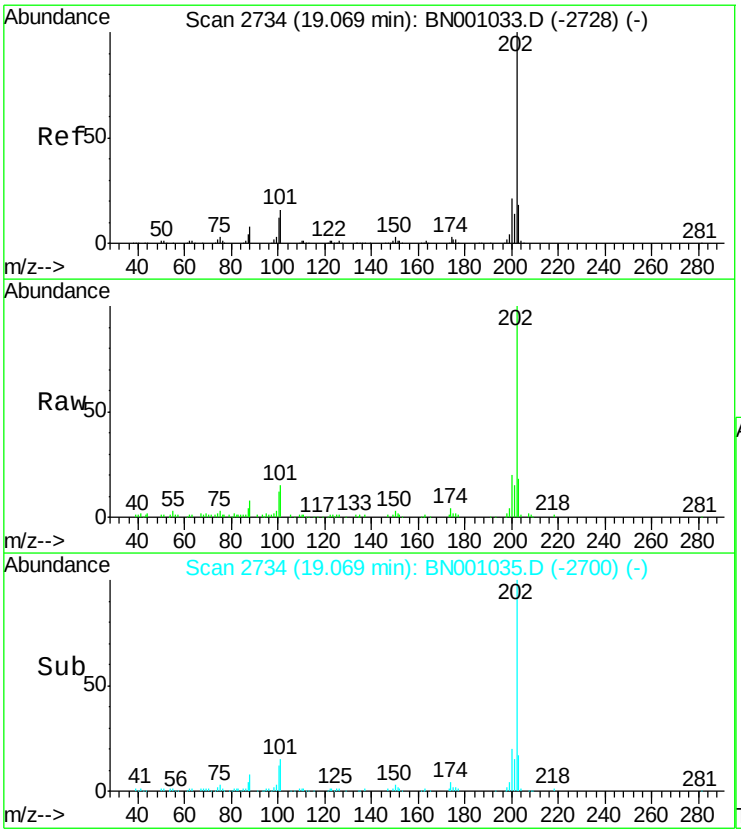
#13
Phenanthrene
Concen: 1.458 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 35861

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	15.1	22.7

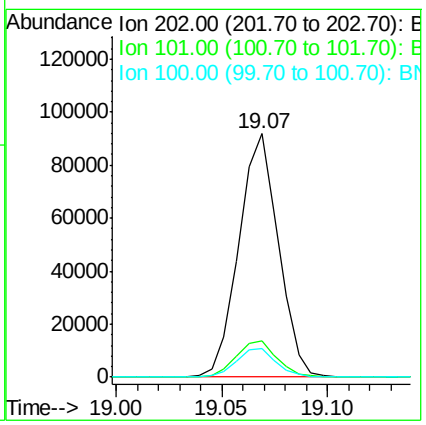


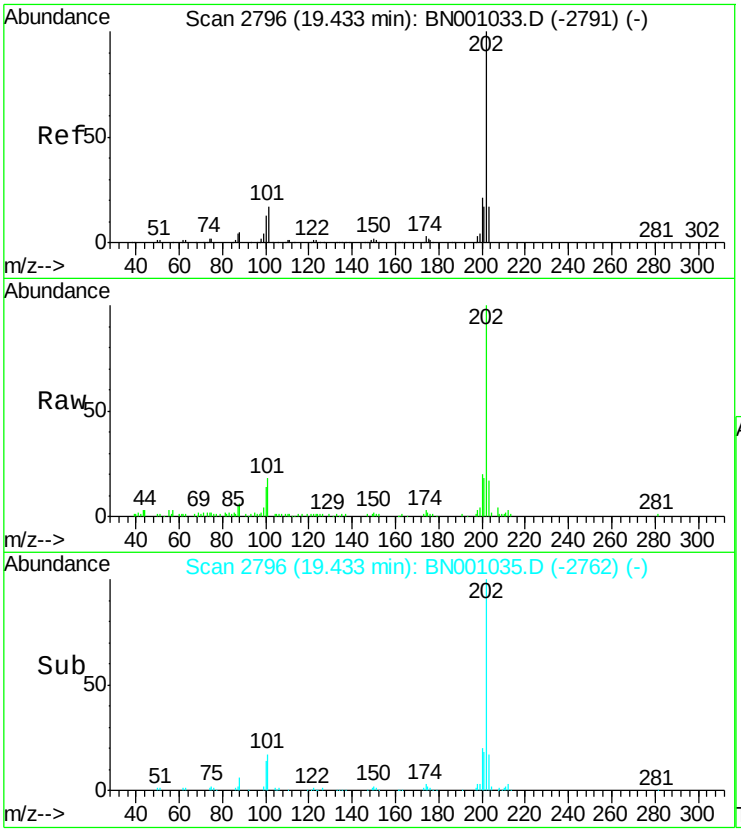


#16
Fluoranthene
Concen: 4.791 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Tgt Ion:202 Resp: 119553

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.6	7.4	11.0#



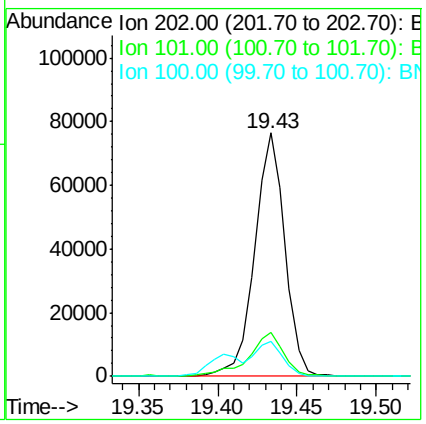


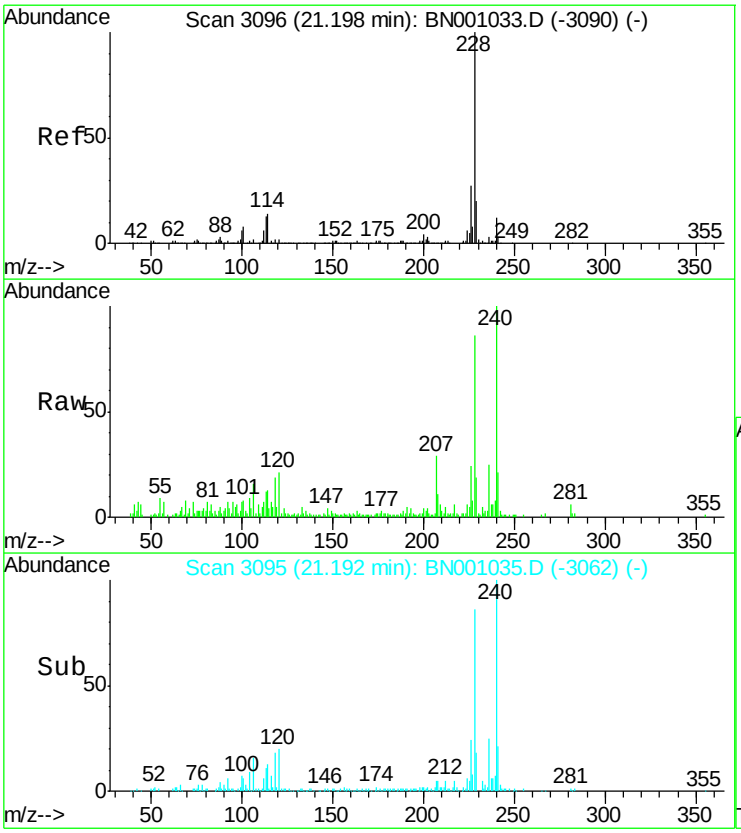
#19
Pyrene
Concen: 3.563 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 101385

Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	14.2	8.1	12.1#

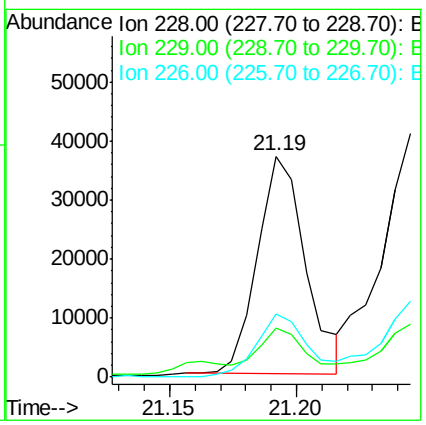


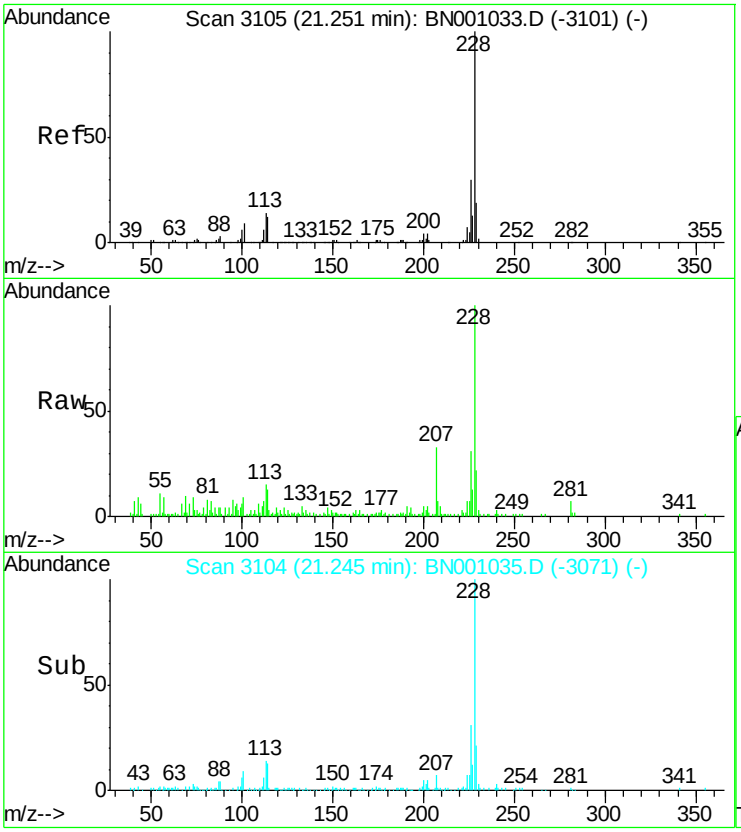


#20
Benzo(a)anthracene
Concen: 1.849 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Tgt Ion:228 Resp: 48977

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	28.4	21.1	31.7



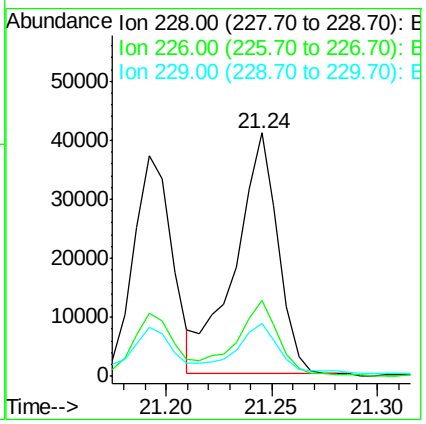


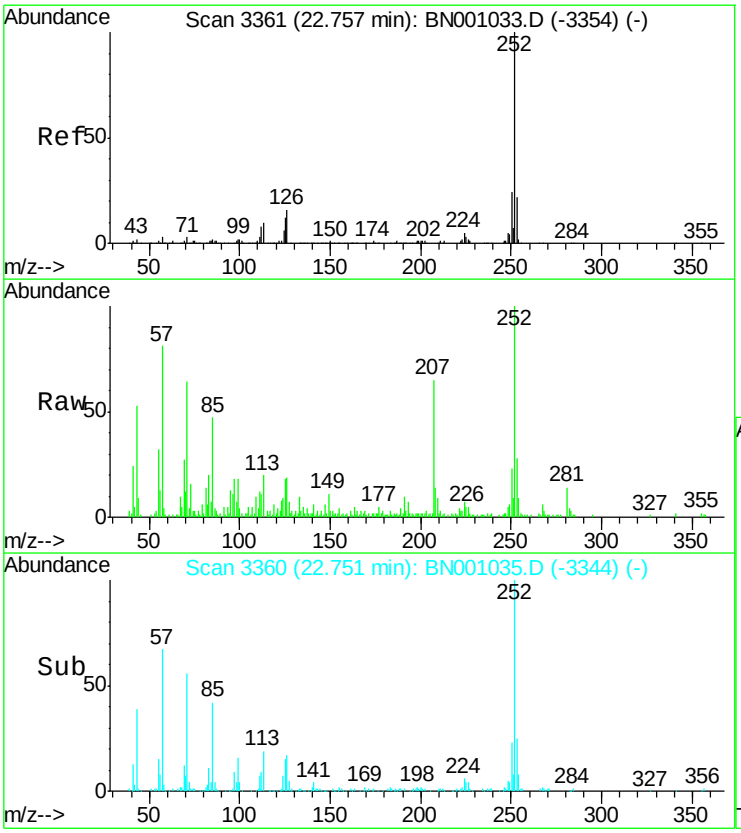
#21
Chrysene
Concen: 2.292 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 57044

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	21.7	15.8	23.8

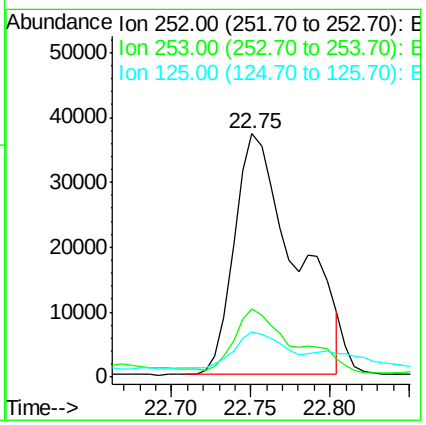


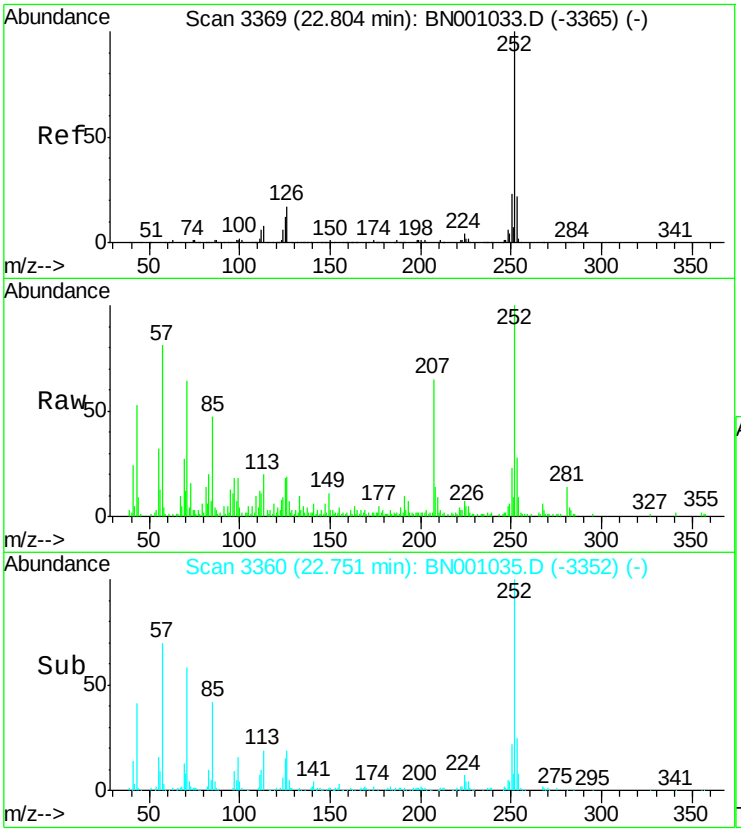


#23
Benzo(b)fluoranthene
Concen: 3.771 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Tgt Ion:252 Resp: 99325

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	18.4	8.0	12.0#



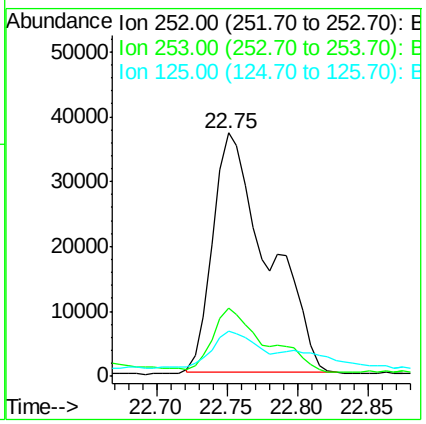


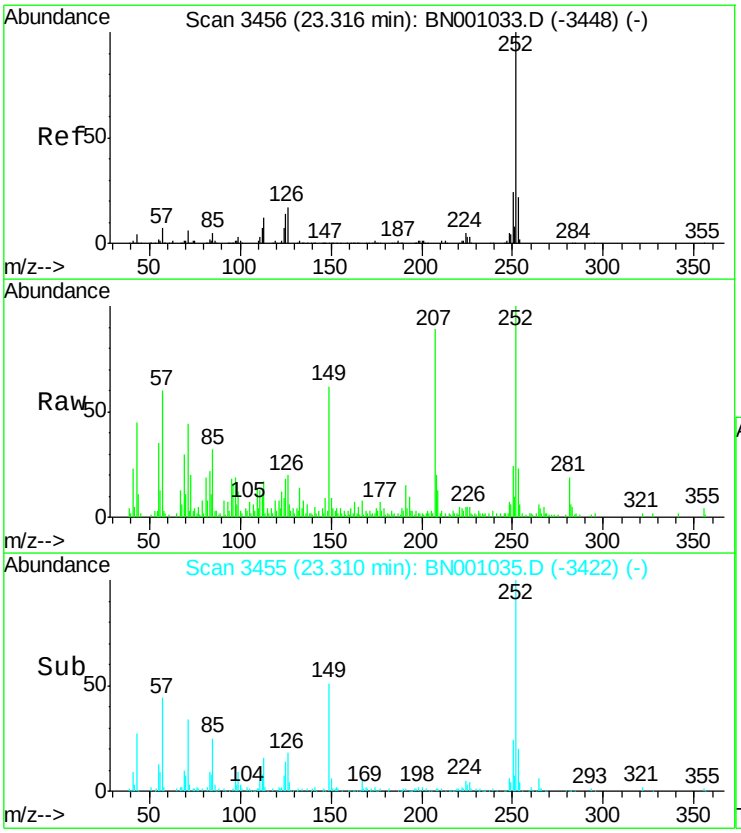
#24
Benzo(k)fluoranthene
Concen: 3.871 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 99765

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	18.4	8.1	12.1#

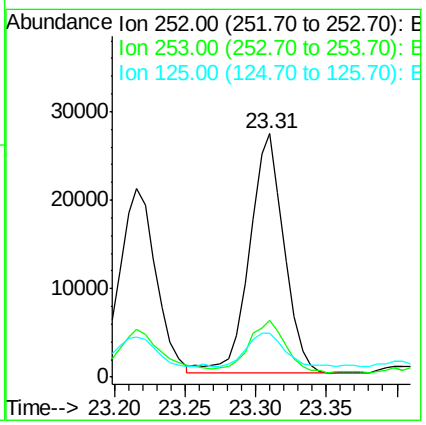


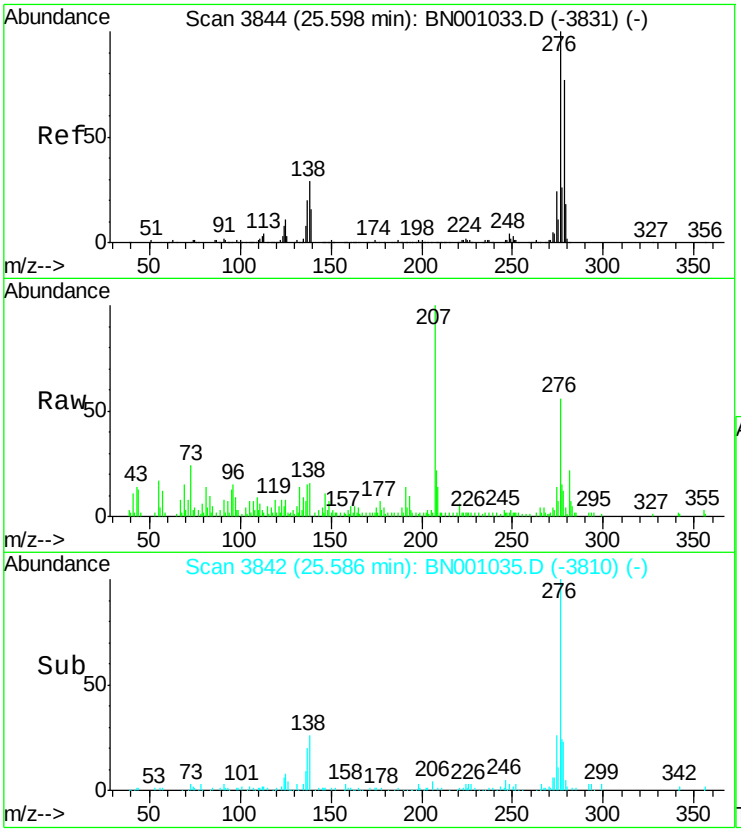


#26
Benzo(a)pyrene
Concen: 1.837 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Tgt Ion:252 Resp: 46247

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	17.8	8.2	12.4#



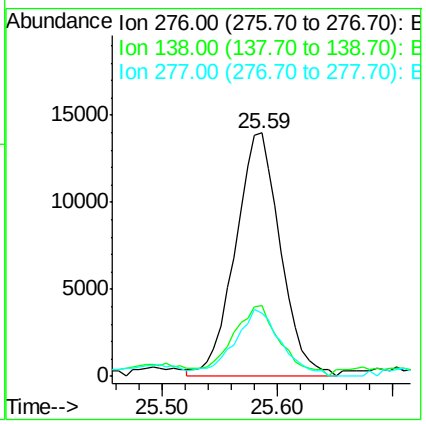


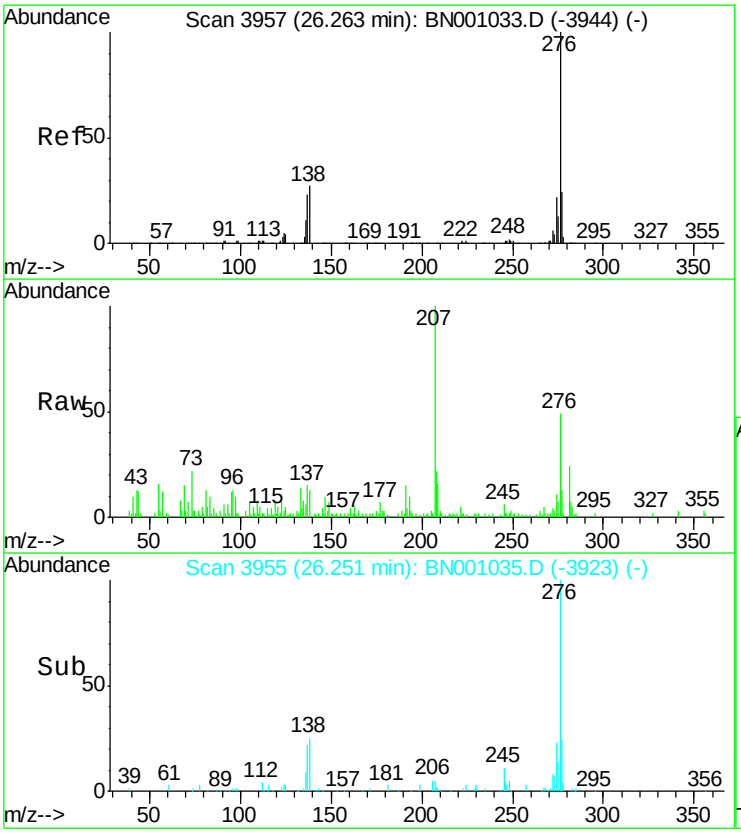
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.250 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37995

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	25.9	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 1.445 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BN001035.D
Acq: 01 May 2018 18:10

Tgt Ion:276 Resp: 36756

Ion	Ratio	Lower	Upper
276	100		
138	27.3	15.3	22.9#
277	26.1	19.0	28.4