Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001046.D
Acq On : 02 May 2018 00:34
Operator : JU/SJ
Sample : J2601-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 02 07:46:52 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	100182	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	421190	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	210660	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	435521	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	437393	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	450997	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	549583	27.16	ng/ul	0.00
10) Fluorene-d10	15.25	176	383737	28.42	ng/ul	0.00
14) Anthracene-d10	17.10	188	554187	27.83	ng/ul	0.00
18) Pyrene-d10	19.40	212	609688	27.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	657673	30.87	ng/ul	-0.01
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	35888	1.511	ng/ul	97
15) Anthracene	17.04	178	35888	1.506	ng/ul	97
16) Fluoranthene	19.06	202	99602	4.133	ng/ul#	91
19) Pyrene	19.43	202	81466	2.900	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	38708	1.480	ng/ul	97
21) Chrysene	21.24	228	49850	2.028	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	97526	3.805	ng/ul#	95
24) Benzo(k)fluoranthene	22.75	252	100793	4.019	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	46502	1.898	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.58	276	38338	1.296	ng/ul#	92
29) Benzo(g,h,i)perylene	26.24	276	32911	1.330	ng/ul#	89

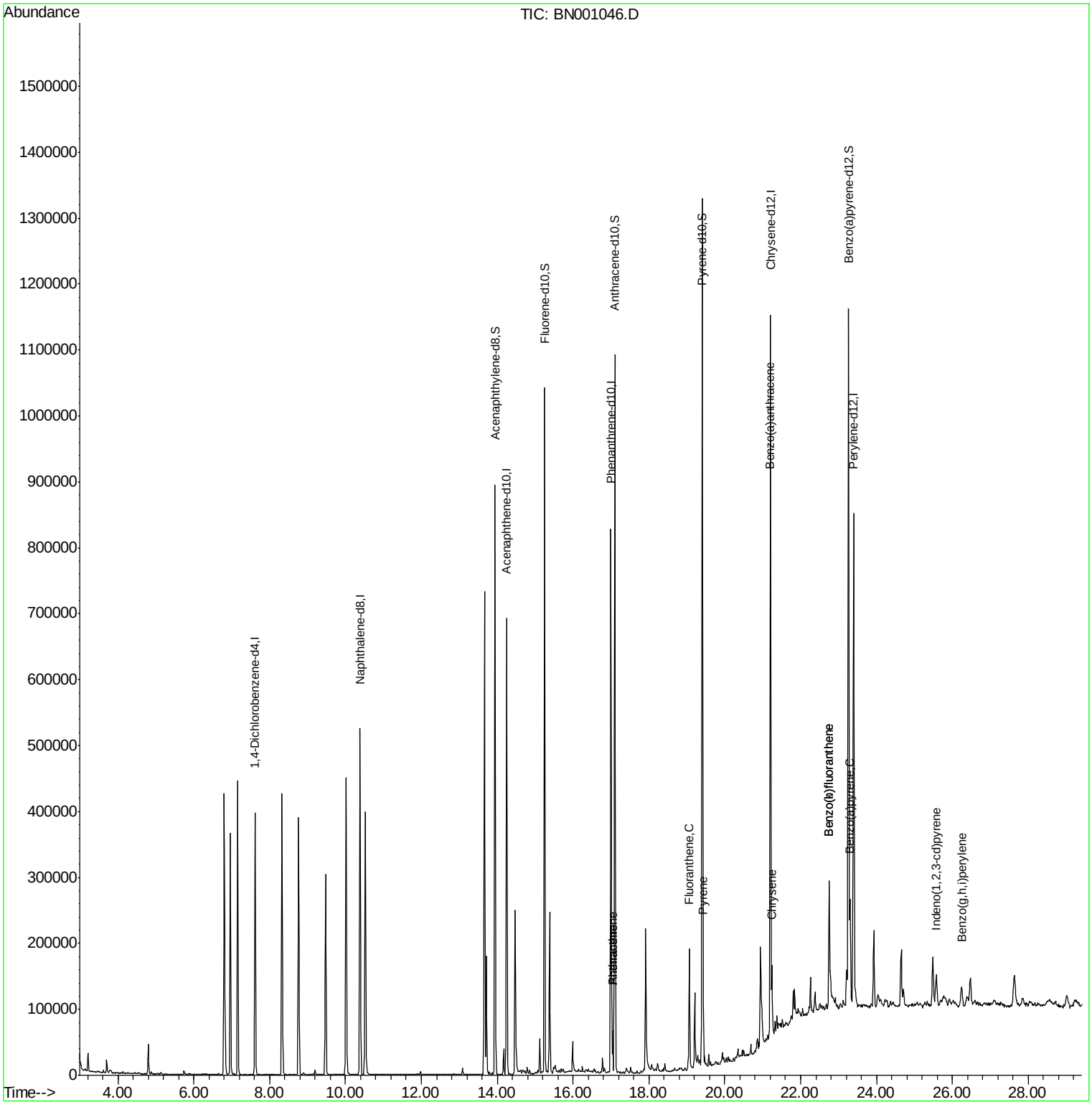
(#) = qualifier out of range (m) = manual integration (+) = signals summed

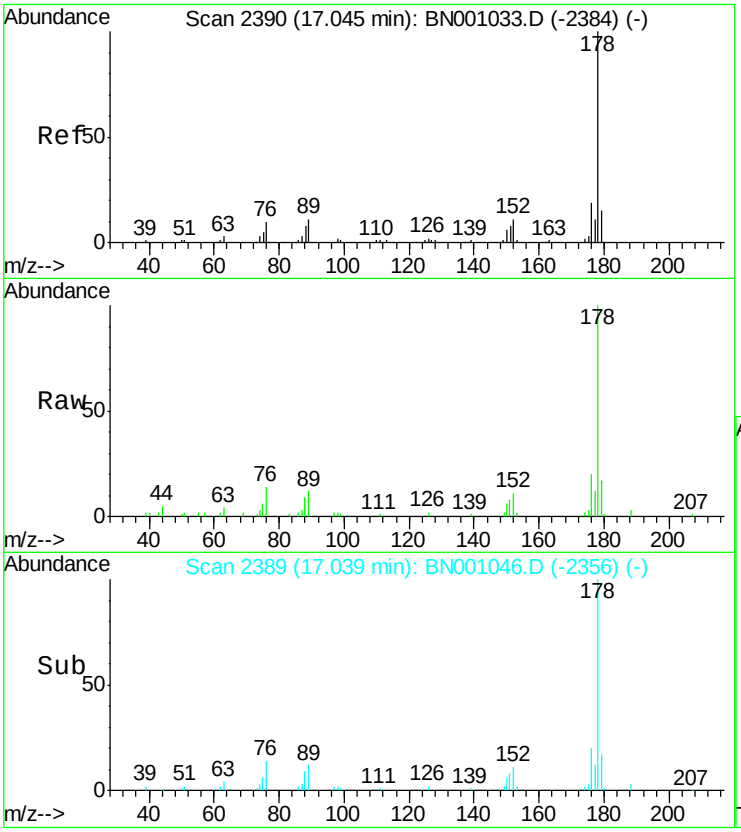
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001046.D
Acq On : 02 May 2018 00:34
Operator : JU/SJ
Sample : J2601-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 07:46:52 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



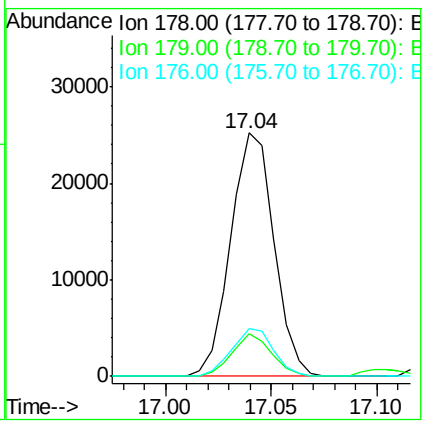


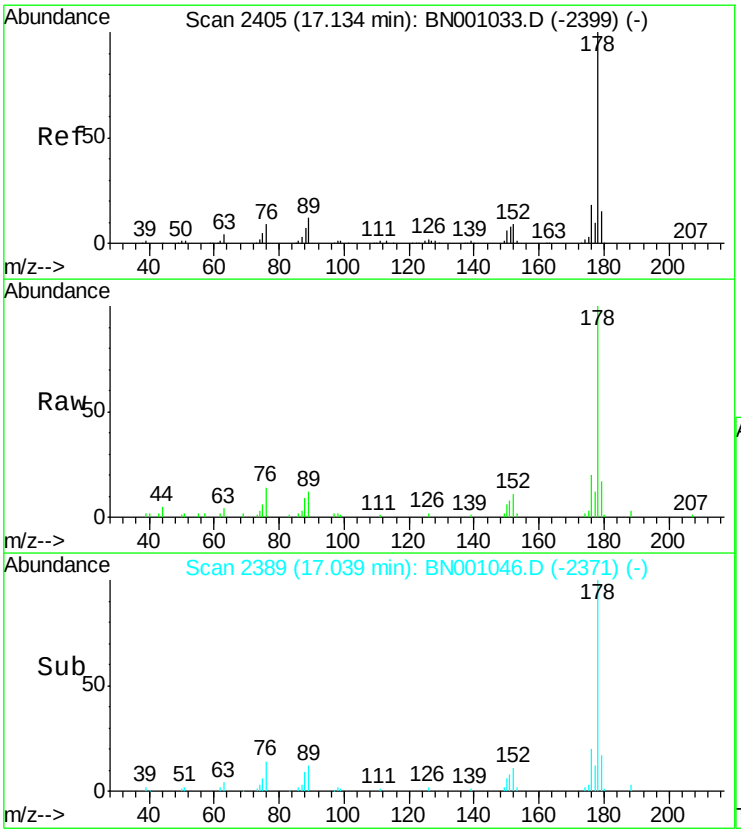
#13
Phenanthrene
Concen: 1.511 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 35888

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	19.5	15.1	22.7

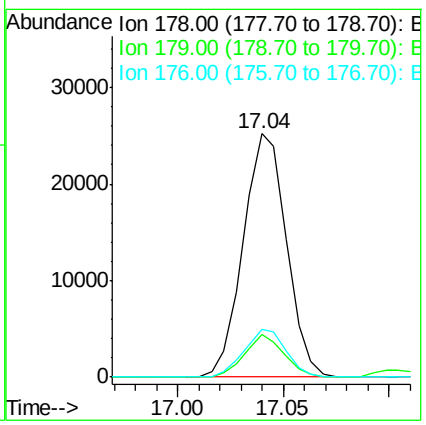


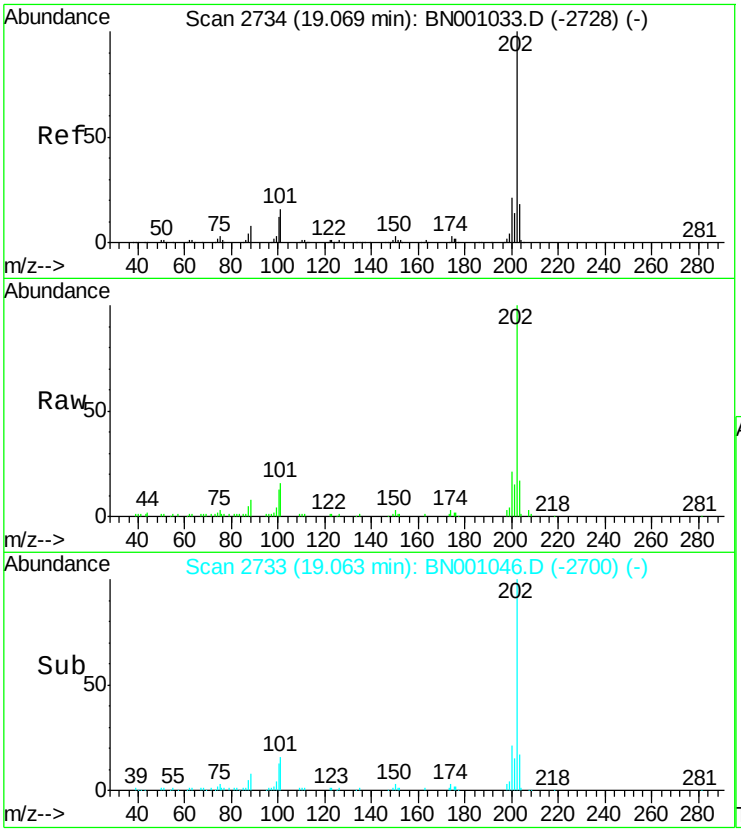


#15
Anthracene
Concen: 1.506 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.09 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion:178 Resp: 35888

Ion	Ratio	Lower	Upper
178	100		
179	17.5	11.8	17.8
176	19.5	15.2	22.8



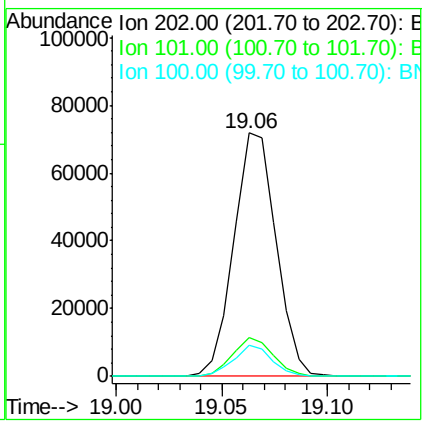


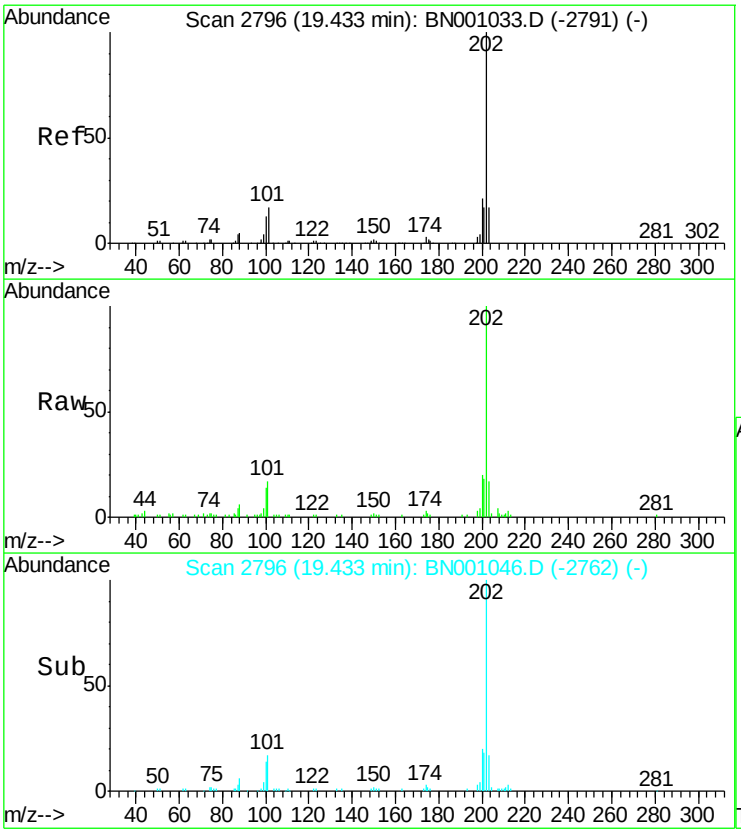
#16
Fluoranthene
Concen: 4.133 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 99602

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	12.5	7.4	11.0#

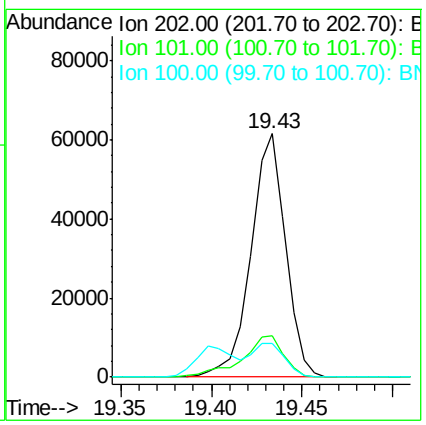


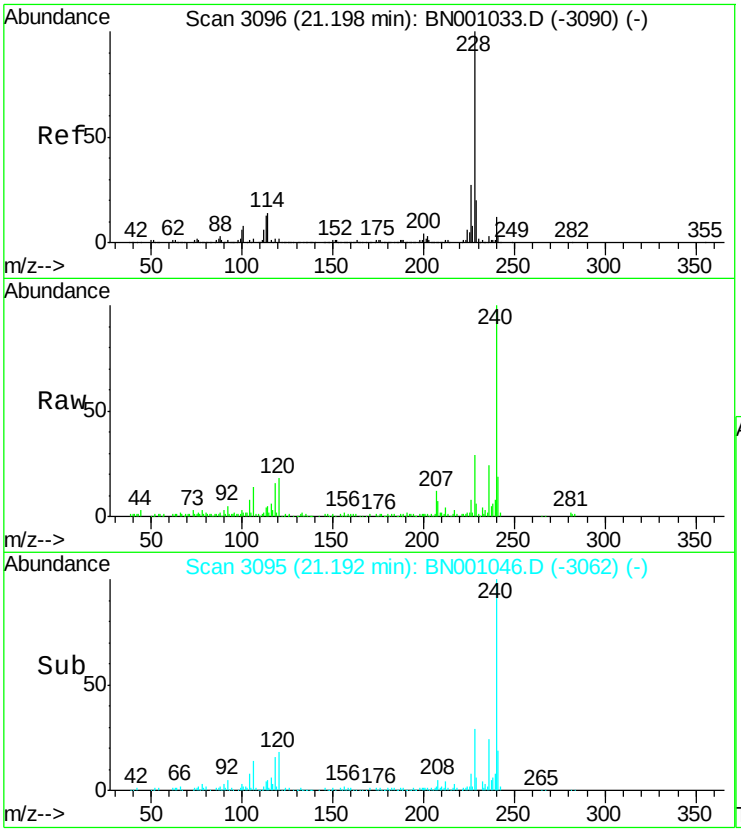


#19
Pyrene
Concen: 2.900 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion:202 Resp: 81466

Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	13.9	8.1	12.1#



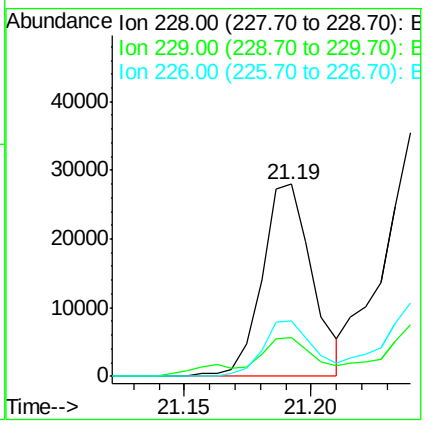


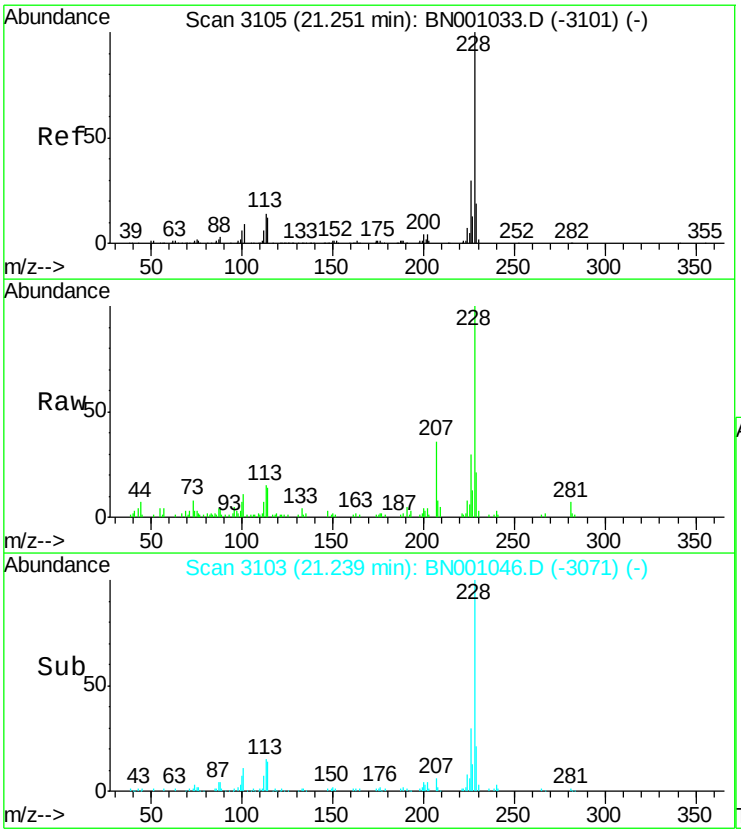
#20
Benzo(a)anthracene
Concen: 1.480 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 38708

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	29.0	21.1	31.7

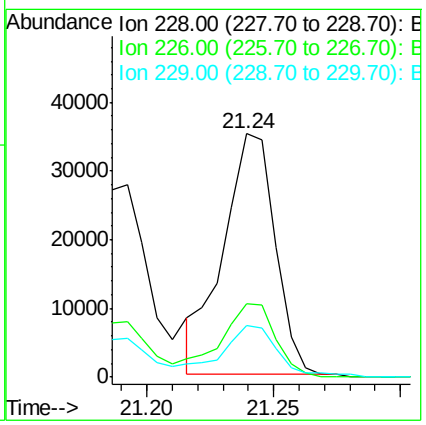


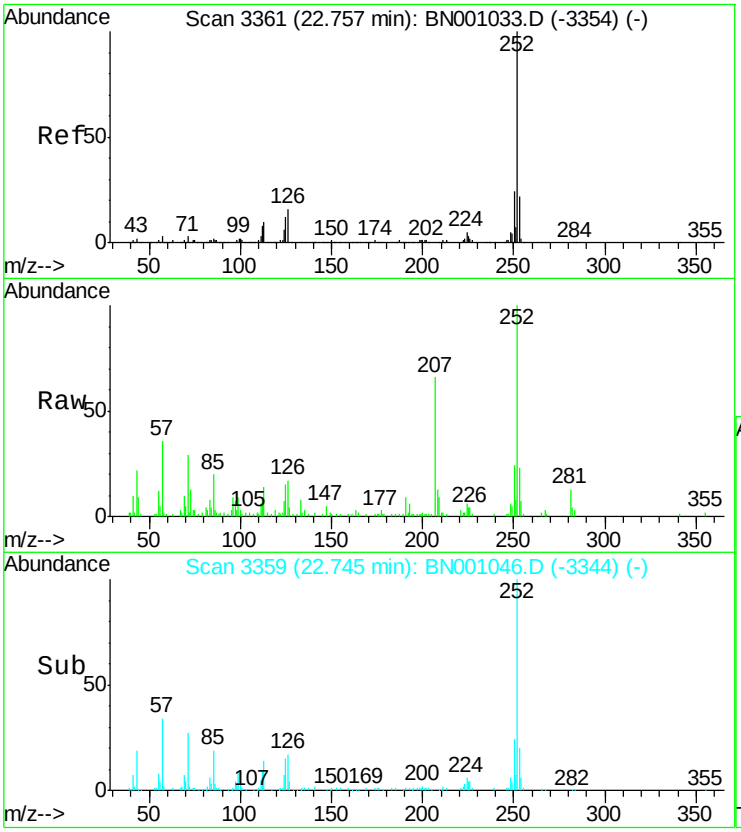


#21
Chrysene
Concen: 2.028 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion:228 Resp: 49850

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	21.3	15.8	23.8



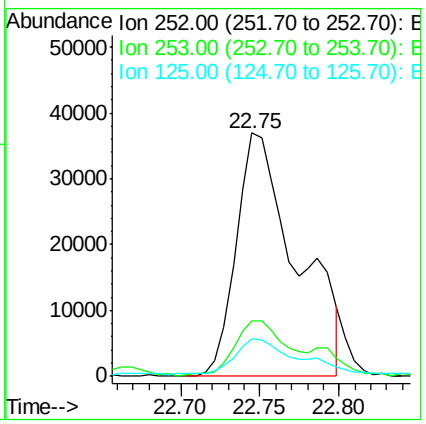


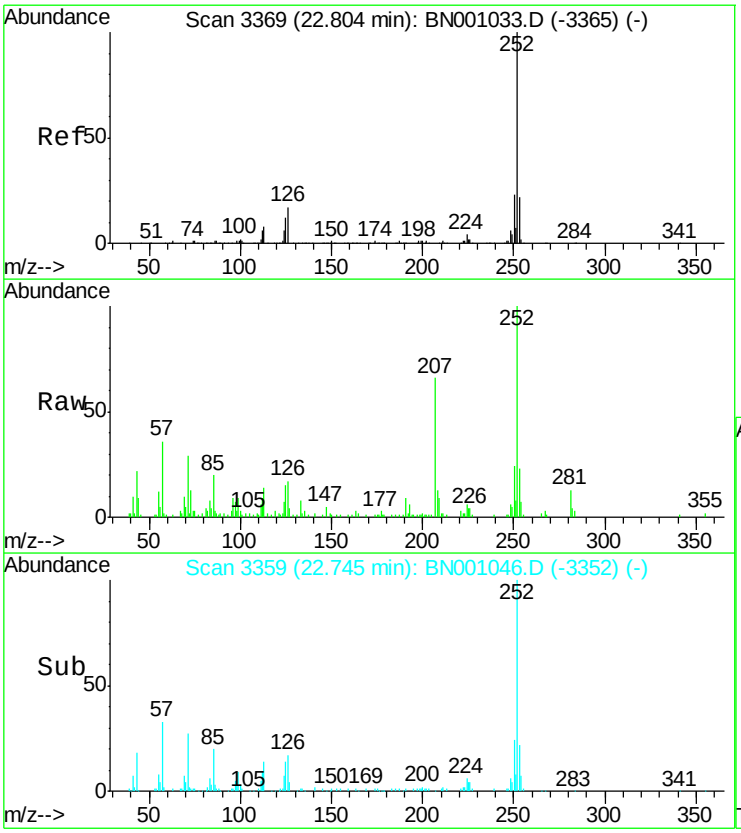
#23
Benzo(b)fluoranthene
Concen: 3.805 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 97526

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.5	8.0	12.0#

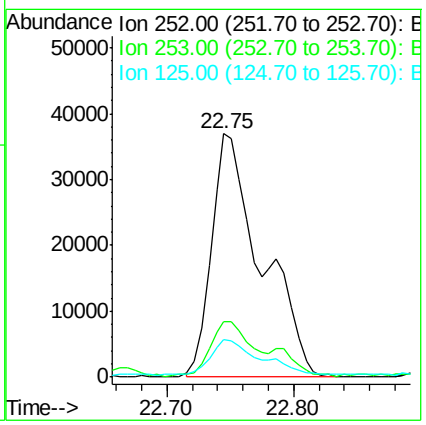


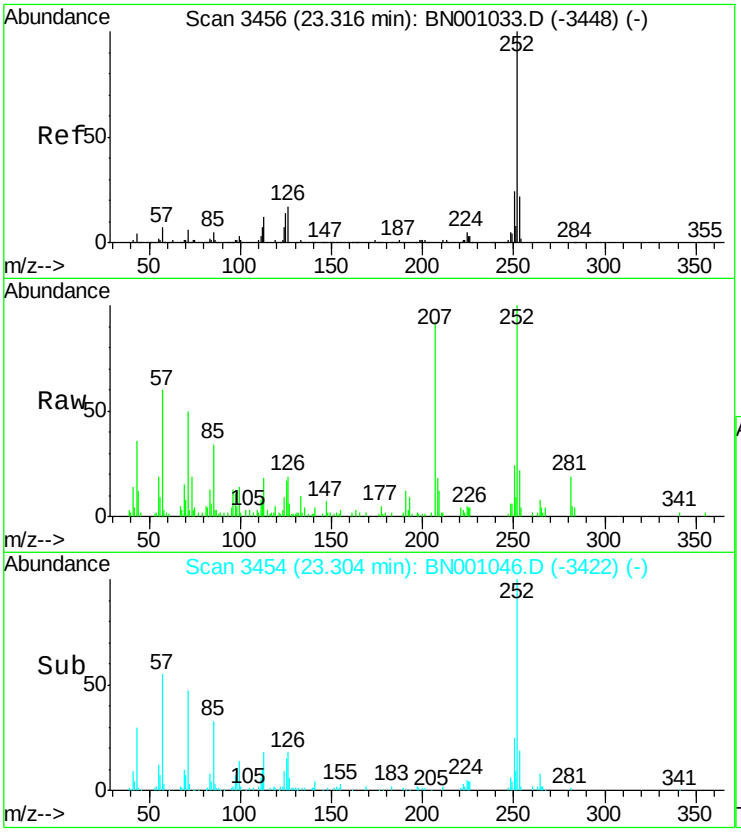


#24
Benzo(k)fluoranthene
Concen: 4.019 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. -0.06 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion:252 Resp: 100793

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.5	8.1	12.1#



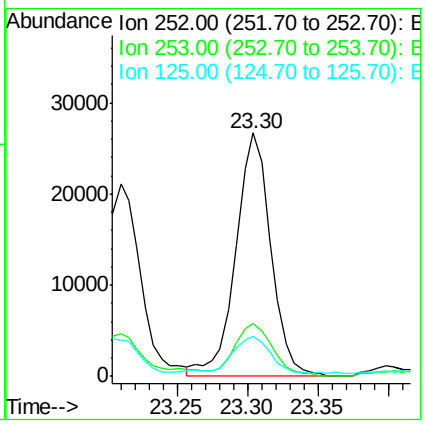


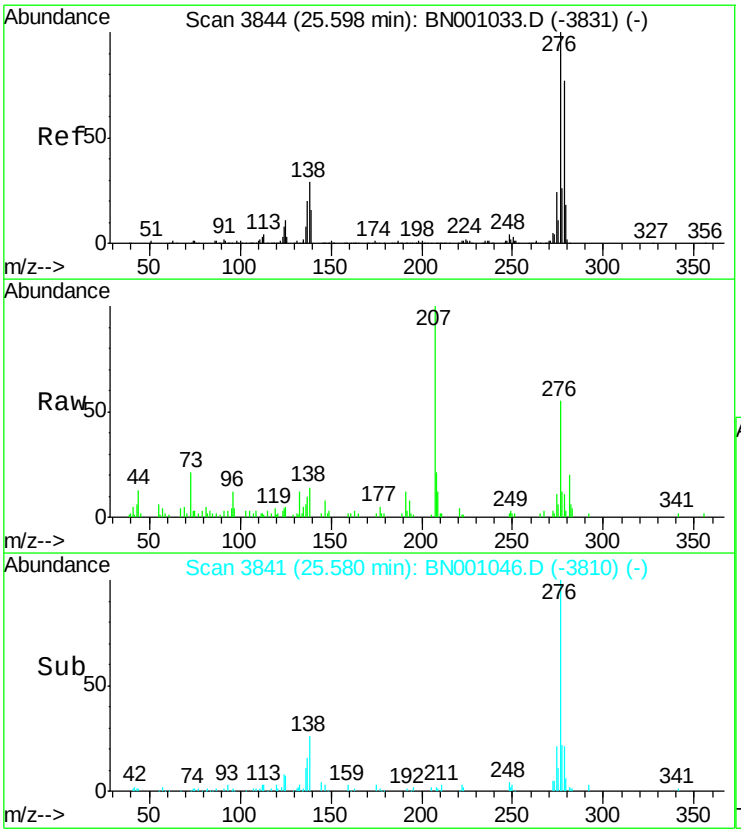
#26
Benzo(a)pyrene
Concen: 1.898 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 46502

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	16.6	8.2	12.4#

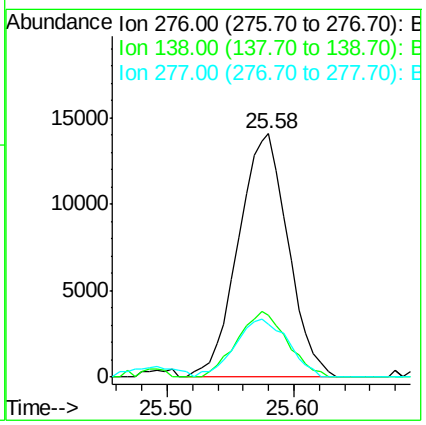


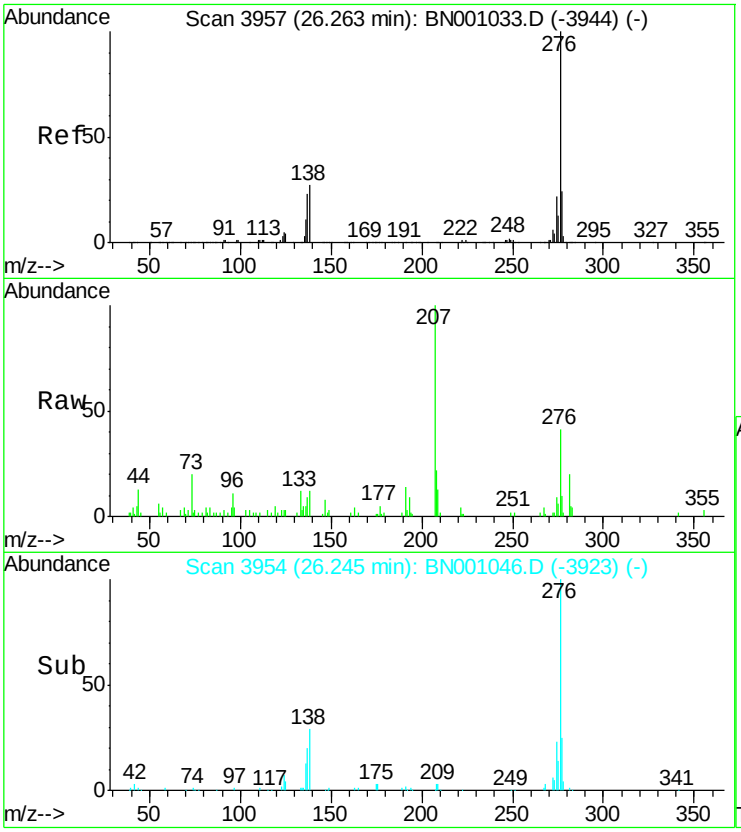


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.02 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Tgt Ion:276 Resp: 38338

Ion	Ratio	Lower	Upper
276	100		
138	25.5	14.4	21.6#
277	21.7	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 1.330 ng/ul
RT: 26.24 min Scan# 3954
Delta R.T. -0.02 min
Lab File: BN001046.D
Acq: 02 May 2018 00:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 32911

Ion	Ratio	Lower	Upper
276	100		
138	28.8	15.3	22.9#
277	25.1	19.0	28.4