Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001078.D
Acq On : 02 May 2018 19:34
Operator : JU/SJ
Sample : J2527-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 03 08:26:12 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	127846	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	554124	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	278741	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	518610	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	427018	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	435523	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	560387	20.93	ng/ul	0.00
10) Fluorene-d10	15.25	176	384911	21.54	ng/ul	0.00
14) Anthracene-d10	17.10	188	517889	21.84	ng/ul	0.00
18) Pyrene-d10	19.41	212	501874	22.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	481986	23.43	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	60323	2.133	ng/ul	100
16) Fluoranthene	19.07	202	117406	4.091	ng/ul#	92
19) Pyrene	19.44	202	103285	3.766	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	56108	2.198	ng/ul	95
21) Chrysene	21.24	228	55847	2.328	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	95944	3.876	ng/ul#	94
24) Benzo(k)fluoranthene	22.76	252	121044	4.998	ng/ul#	94
26) Benzo(a)pyrene	23.32	252	57426	2.428	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	49443	1.731	ng/ul#	89
29) Benzo(g,h,i)perylene	26.26	276	50050	2.095	ng/ul#	92

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

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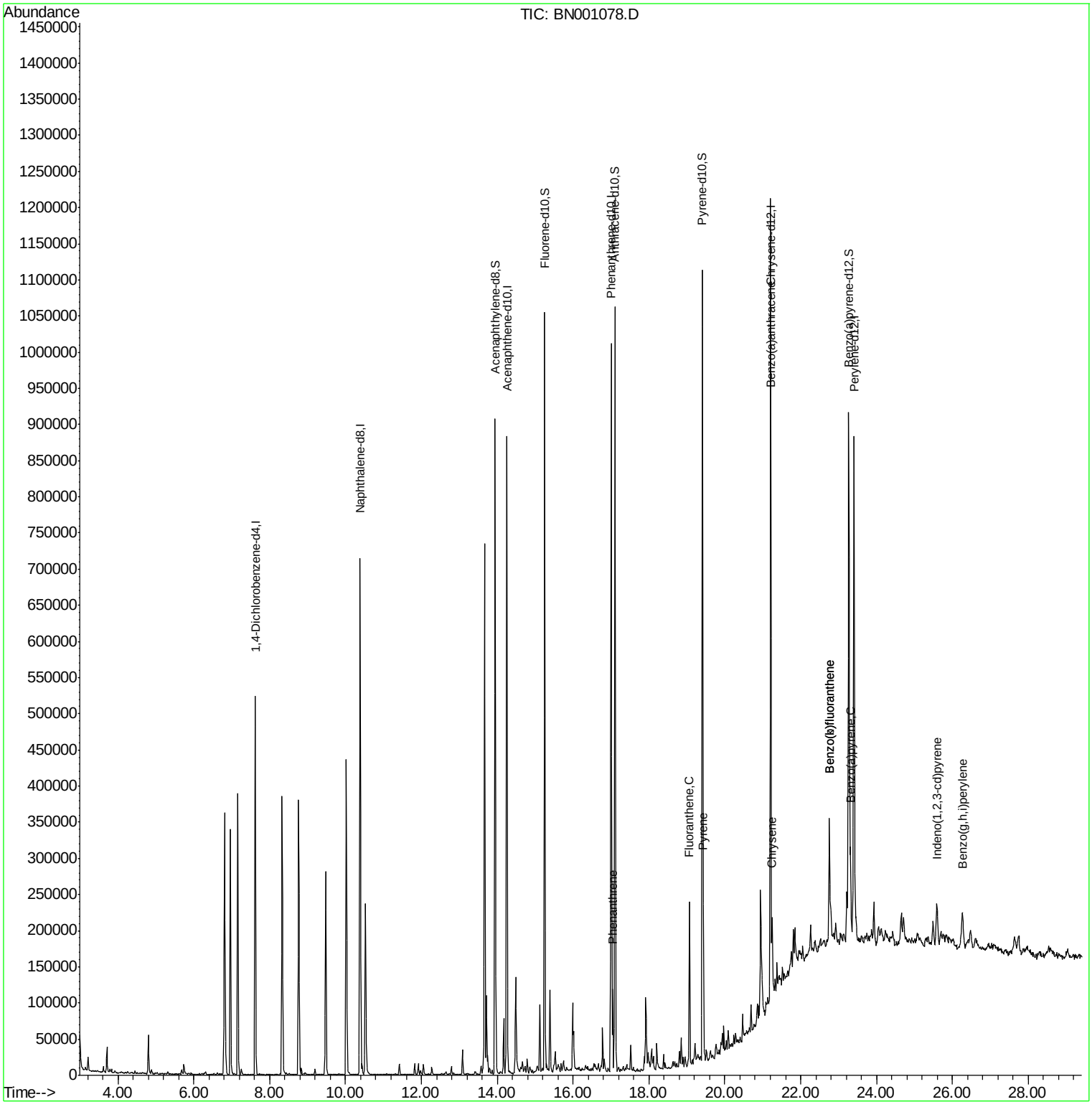
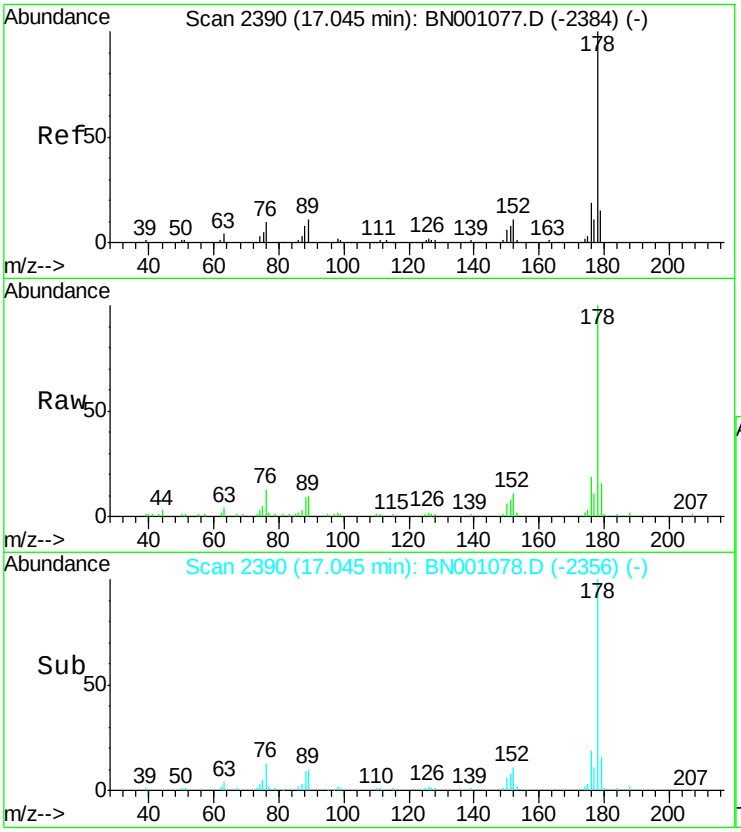


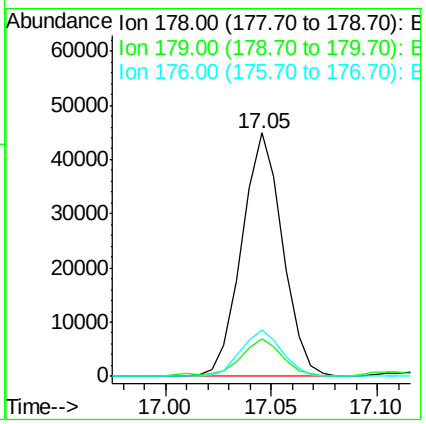


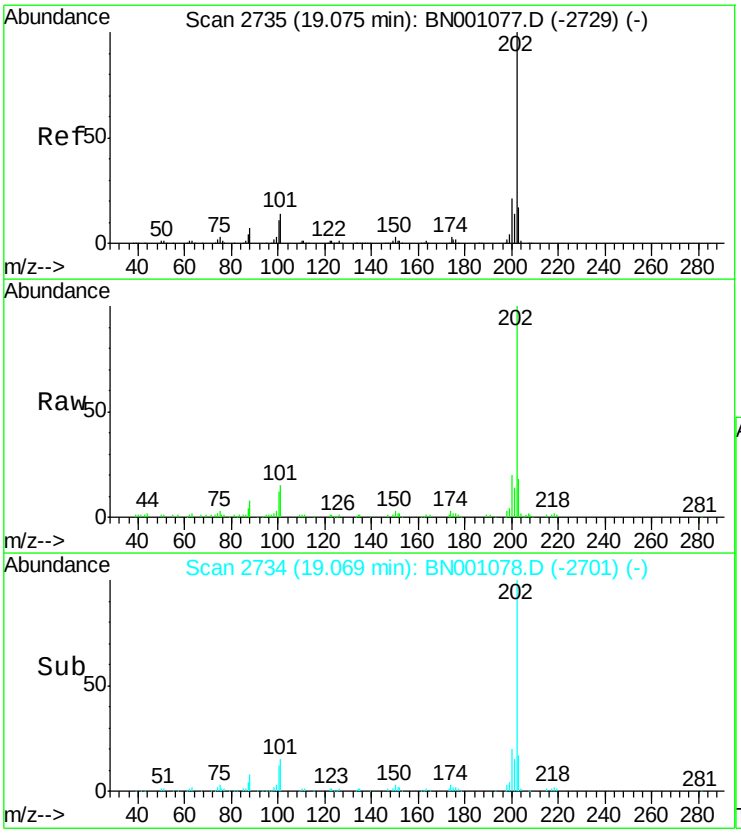
#13
Phenanthrene
Concen: 2.133 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 60323

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.1	22.7

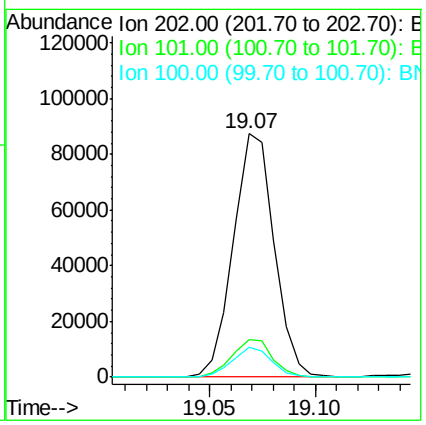


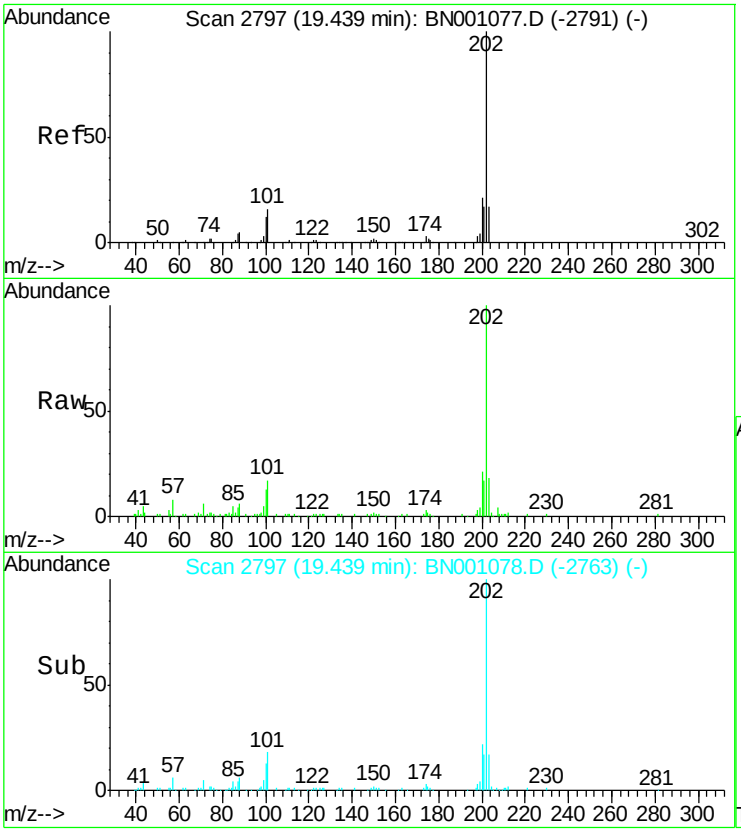


#16
Fluoranthene
Concen: 4.091 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Tgt Ion:202 Resp: 117406

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	12.3	7.4	11.0#



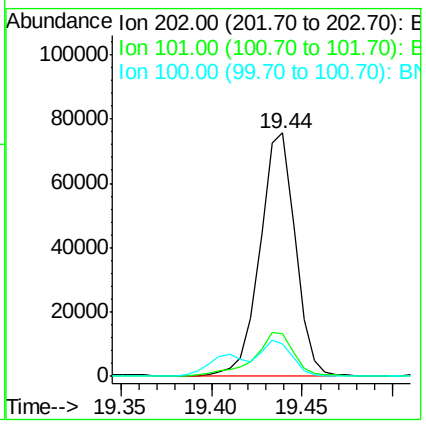


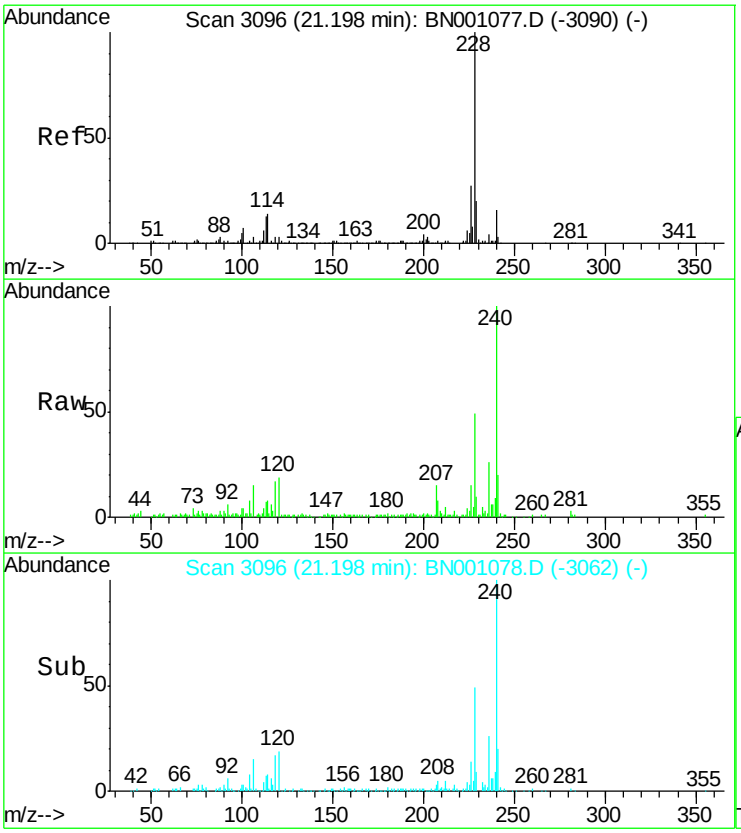
#19
Pyrene
Concen: 3.766 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 103285

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	13.2	8.1	12.1#

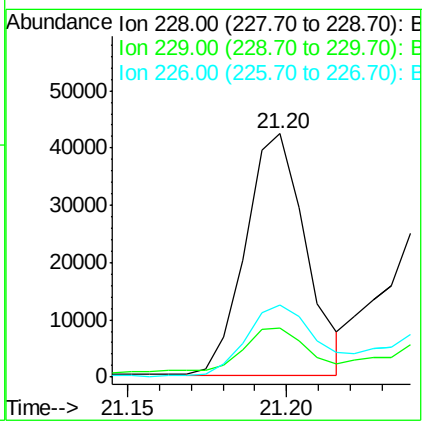


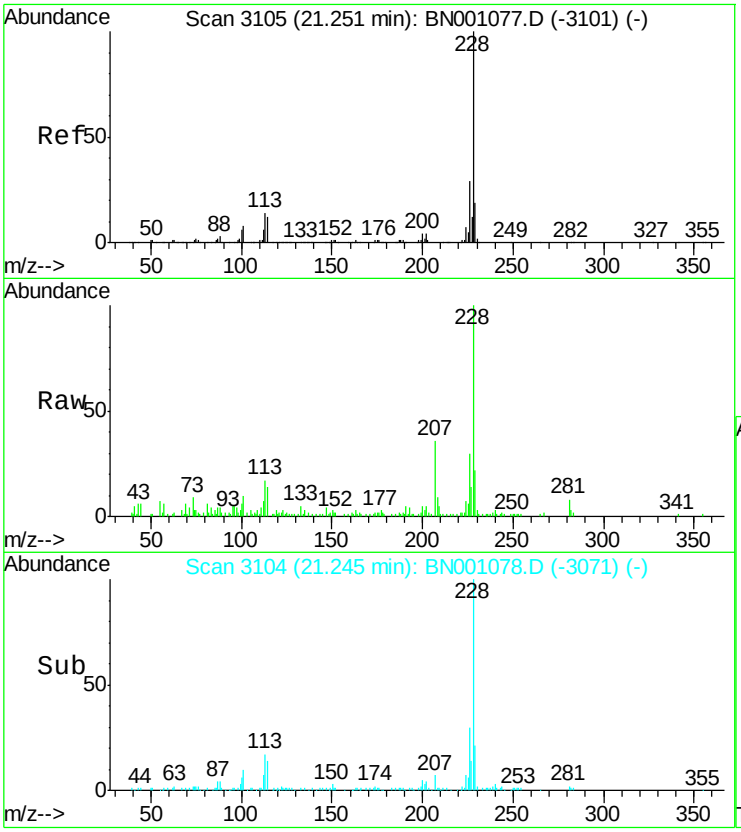


#20
Benzo(a)anthracene
Concen: 2.198 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Tgt Ion:228 Resp: 56108

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.8	21.1	31.7



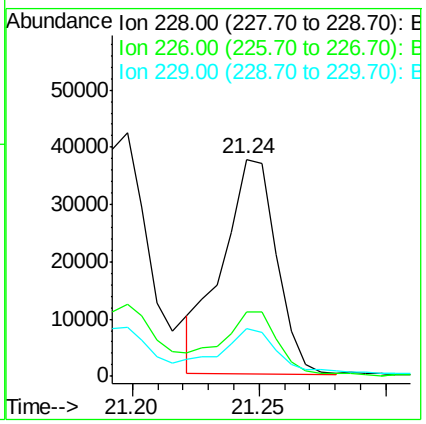


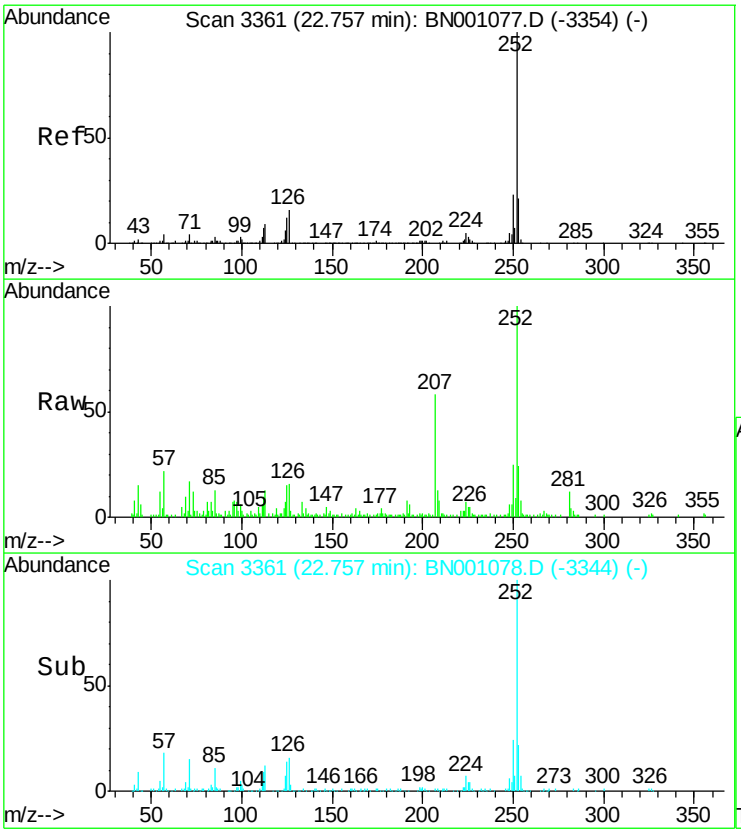
#21
Chrysene
Concen: 2.328 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 55847

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	21.7	15.8	23.8

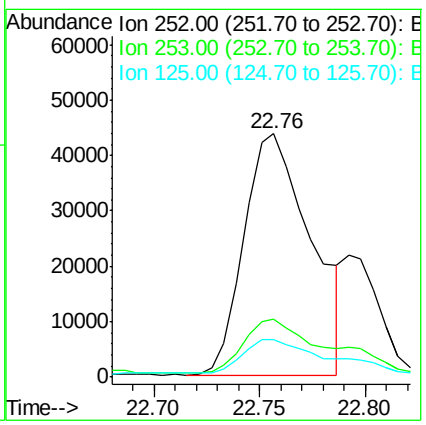


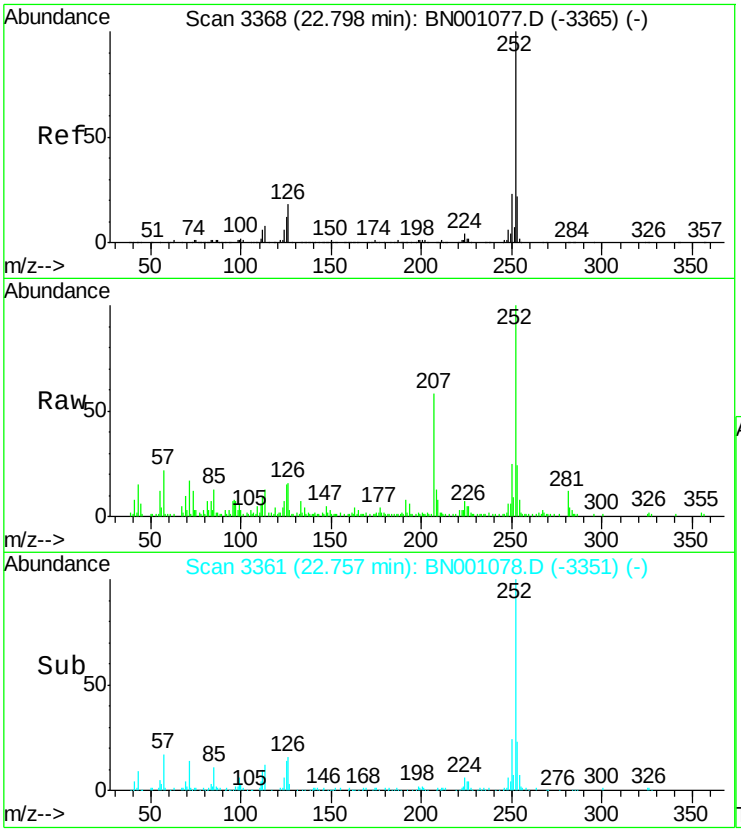


#23
Benzo(b)fluoranthene
Concen: 3.876 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Tgt Ion:252 Resp: 95944

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.3	8.0	12.0#



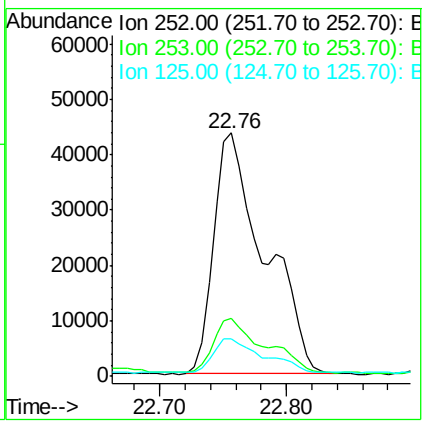


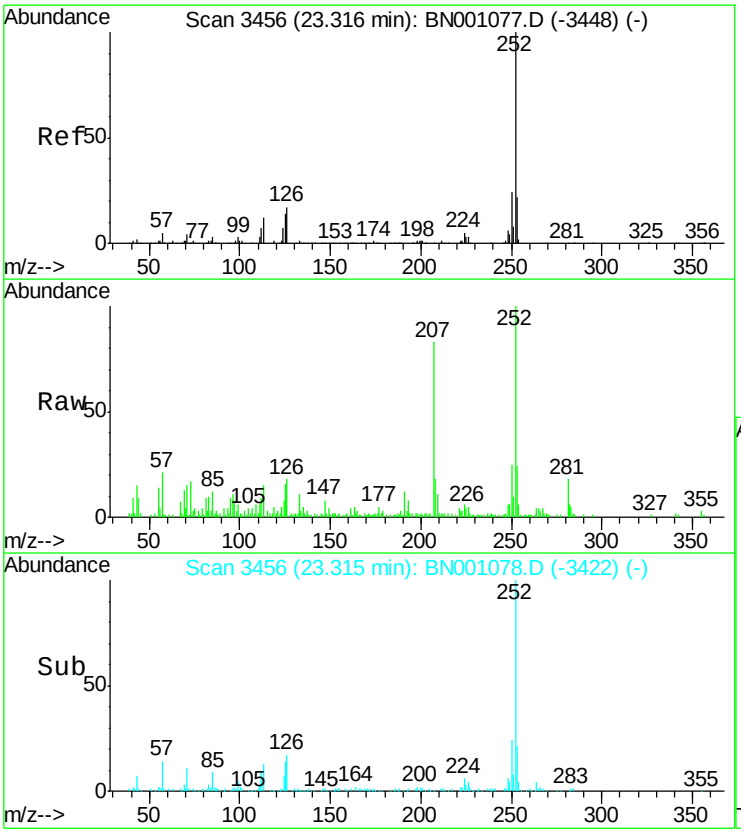
#24
Benzo(k)fluoranthene
Concen: 4.998 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 121044

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.3	8.1	12.1#

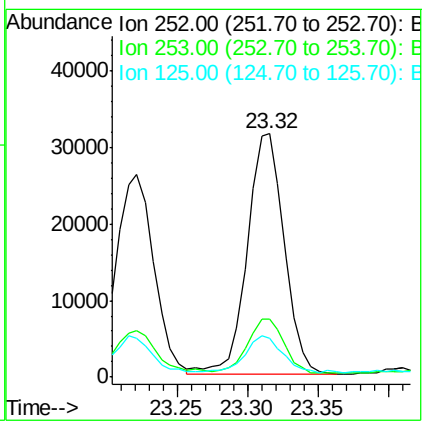


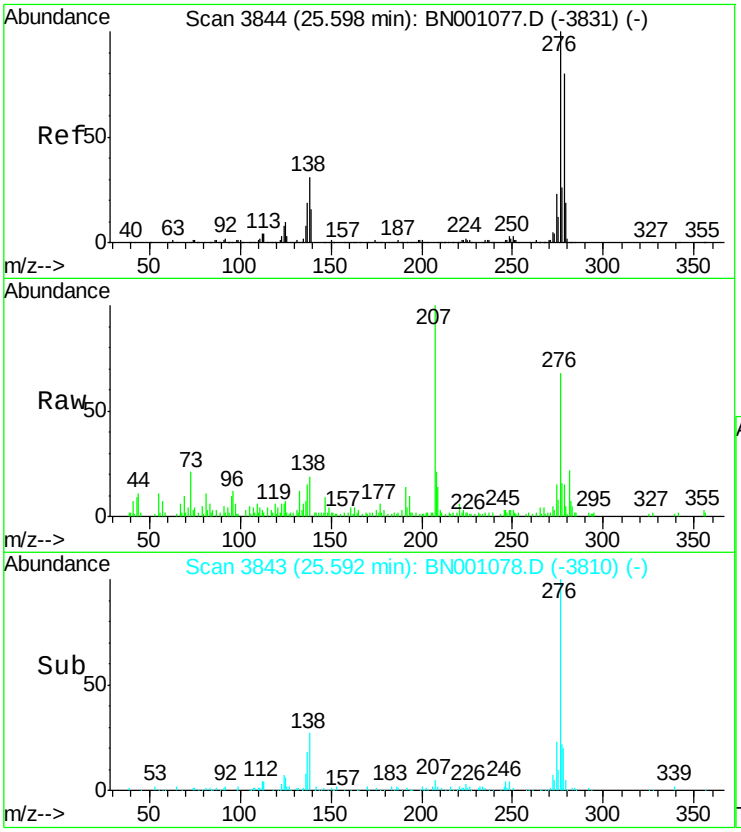


#26
Benzo(a)pyrene
Concen: 2.428 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Tgt Ion:252 Resp: 57426

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	15.7	8.2	12.4#



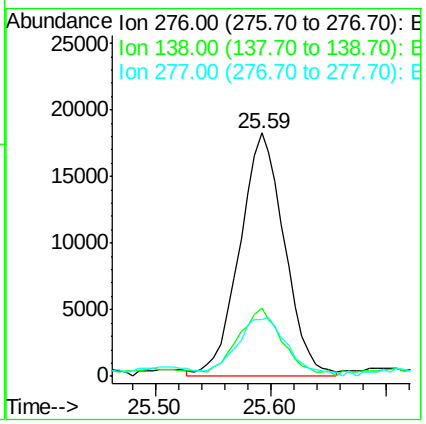


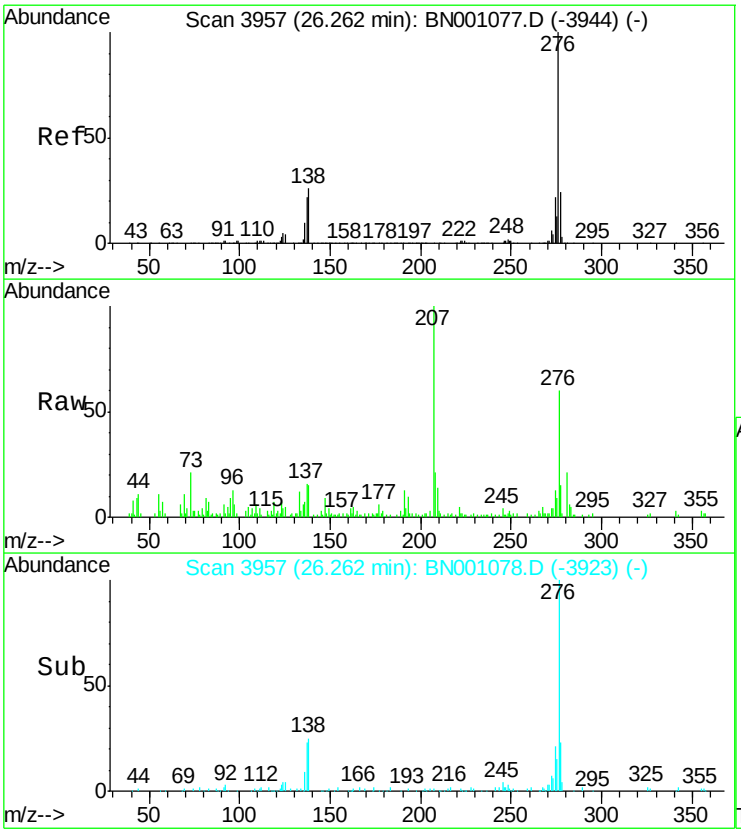
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.731 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 49443

Ion	Ratio	Lower	Upper
276	100		
138	27.8	14.4	21.6#
277	23.4	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 2.095 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.00 min
Lab File: BN001078.D
Acq: 02 May 2018 19:34

Tgt Ion:276 Resp: 50050

Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	25.2	19.0	28.4