Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
Data File : BN001063.D
Acq On : 02 May 2018 10:50
Operator : JU/SJ
Sample : J2527-14MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 03 07:35:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	110073	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	458942	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	224265	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	431797	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	403695	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	427554	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	721157	33.48	ng/ul	0.00
10) Fluorene-d10	15.25	176	483003	33.60	ng/ul	0.00
14) Anthracene-d10	17.10	188	680795	34.48	ng/ul	0.00
18) Pyrene-d10	19.41	212	696795	33.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	747012	36.99	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.32	153	519961	35.303	ng/ul	96
13) Phenanthrene	17.05	178	63103	2.679	ng/ul	98
16) Fluoranthene	19.07	202	152426	6.379	ng/ul#	93
19) Pyrene	19.44	202	1017903	39.256	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	84108	3.485	ng/ul	94
21) Chrysene	21.25	228	86978	3.835	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	170600	7.021	ng/ul#	95
24) Benzo(k)fluoranthene	22.76	252	173722	7.307	ng/ul#	95
26) Benzo(a)pyrene	23.32	252	86647	3.731	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.59	276	67506	2.407	ng/ul#	91
29) Benzo(g,h,i)perylene	26.26	276	68104	2.903	ng/ul#	91

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

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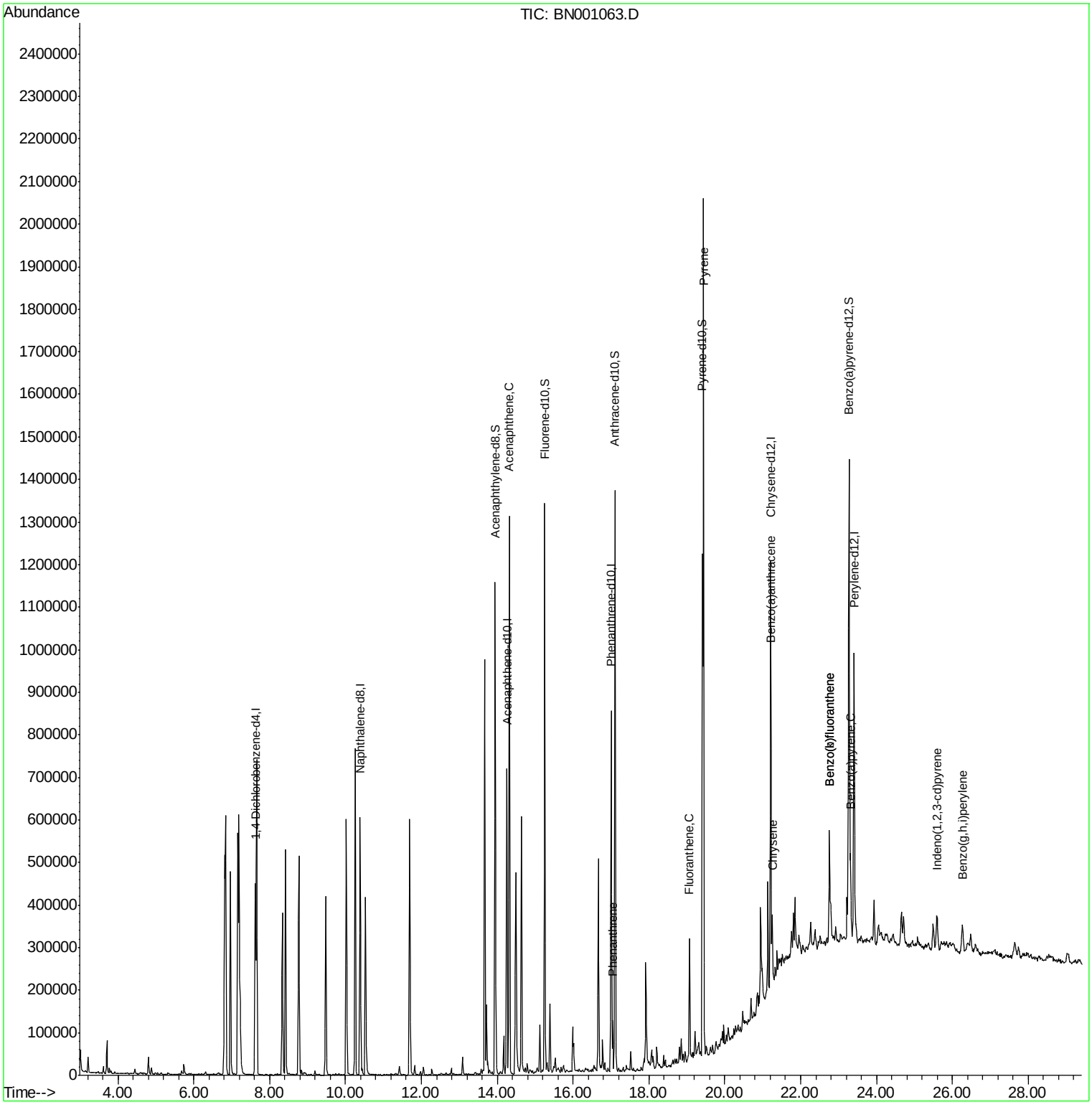
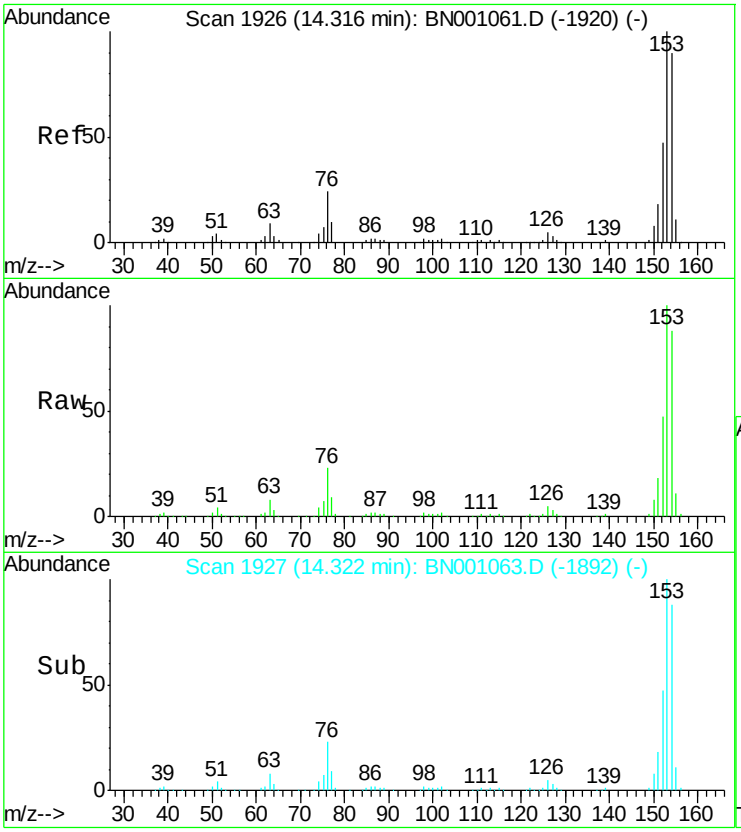
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration



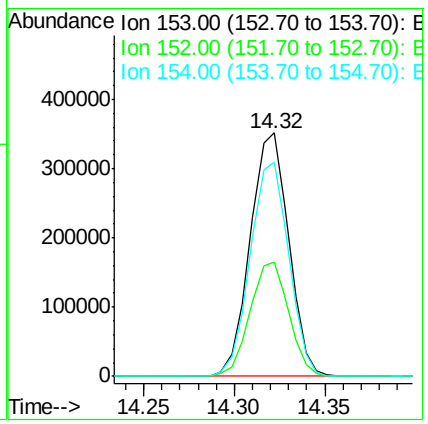


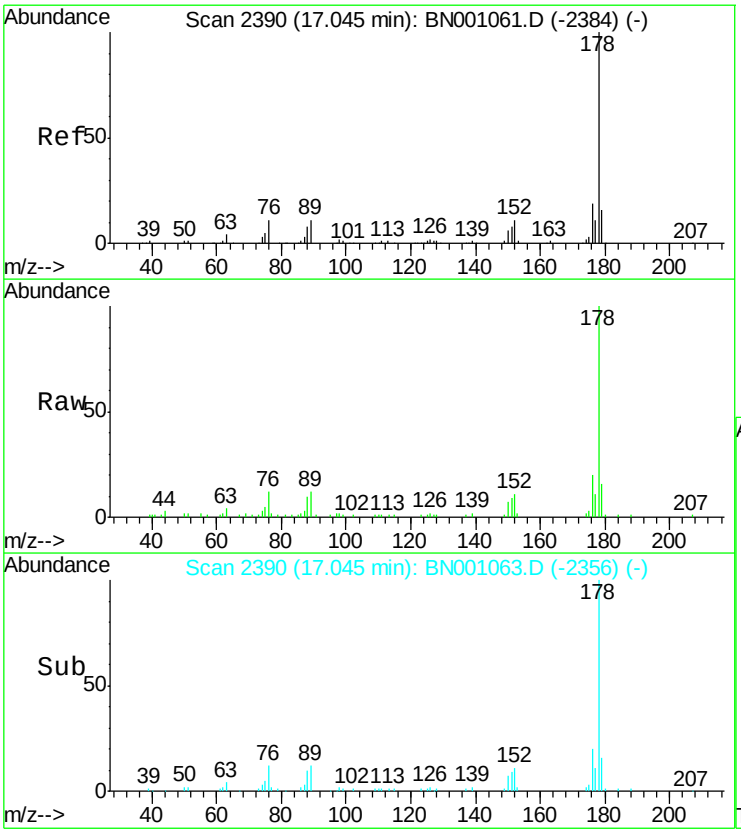
#9
Acenaphthene
Concen: 35.303 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 519961

Ion	Ratio	Lower	Upper
153	100		
152	46.7	39.0	58.6
154	87.9	66.8	100.2

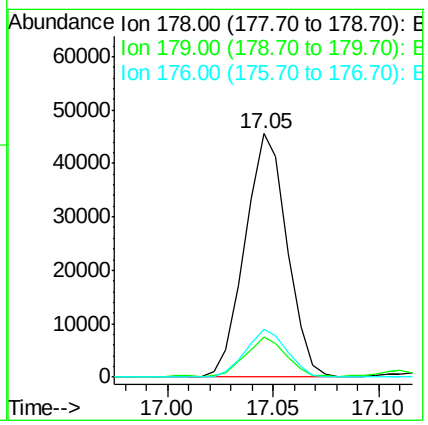


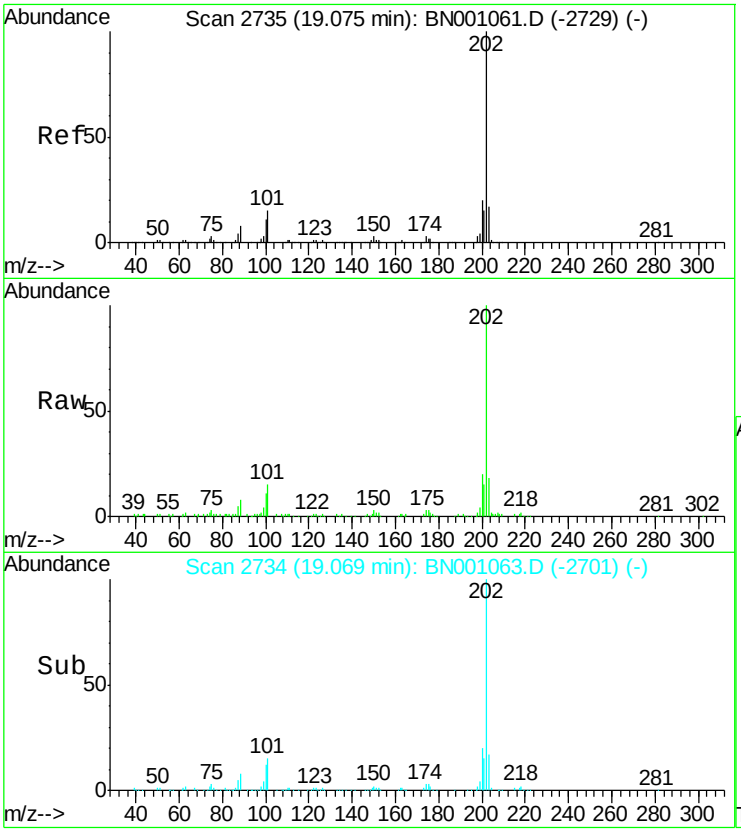


#13
Phenanthrene
Concen: 2.679 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Tgt Ion:178 Resp: 63103

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.7	15.1	22.7



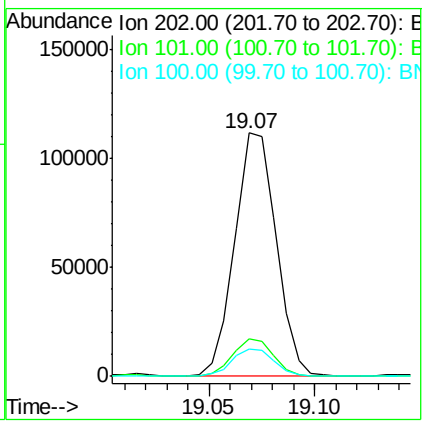


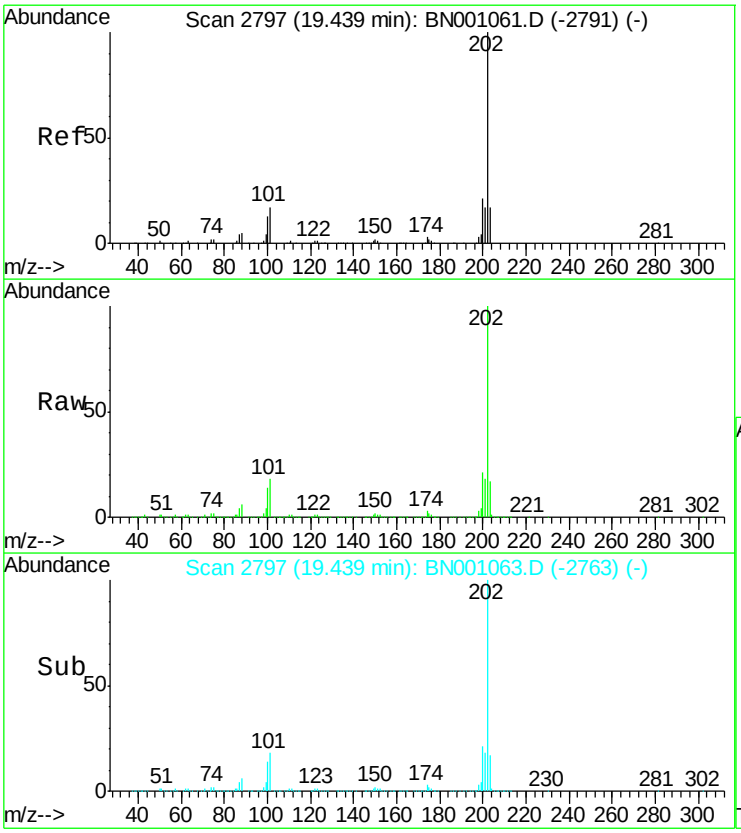
#16
Fluoranthene
Concen: 6.379 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 152426

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.5	7.4	11.0#

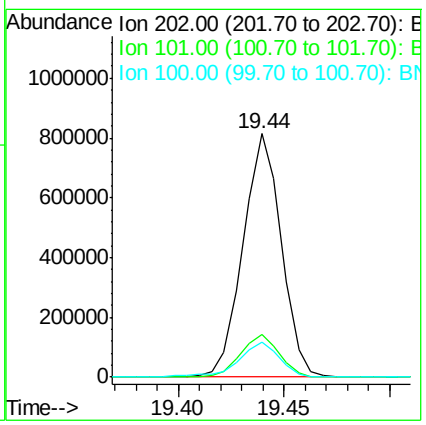


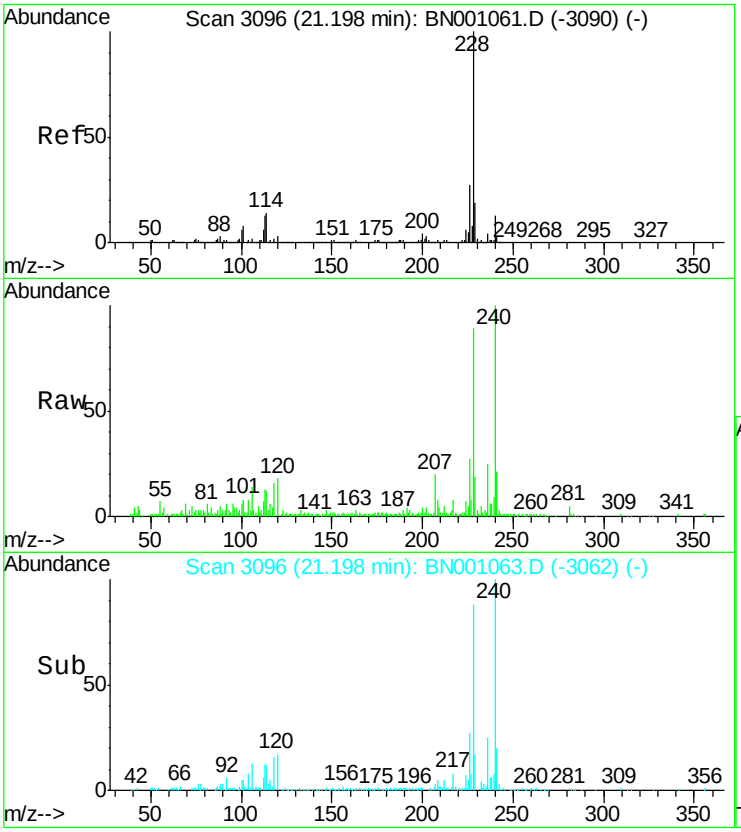


#19
Pyrene
Concen: 39.256 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Tgt Ion:202 Resp: 1017903

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.4	8.1	12.1#



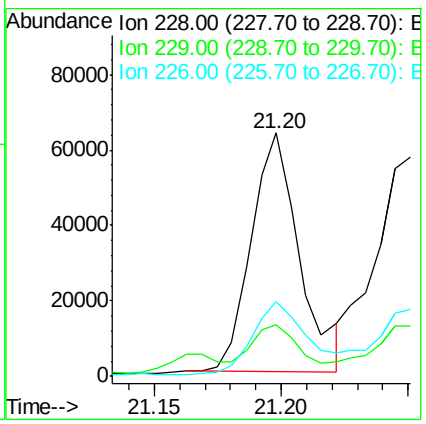


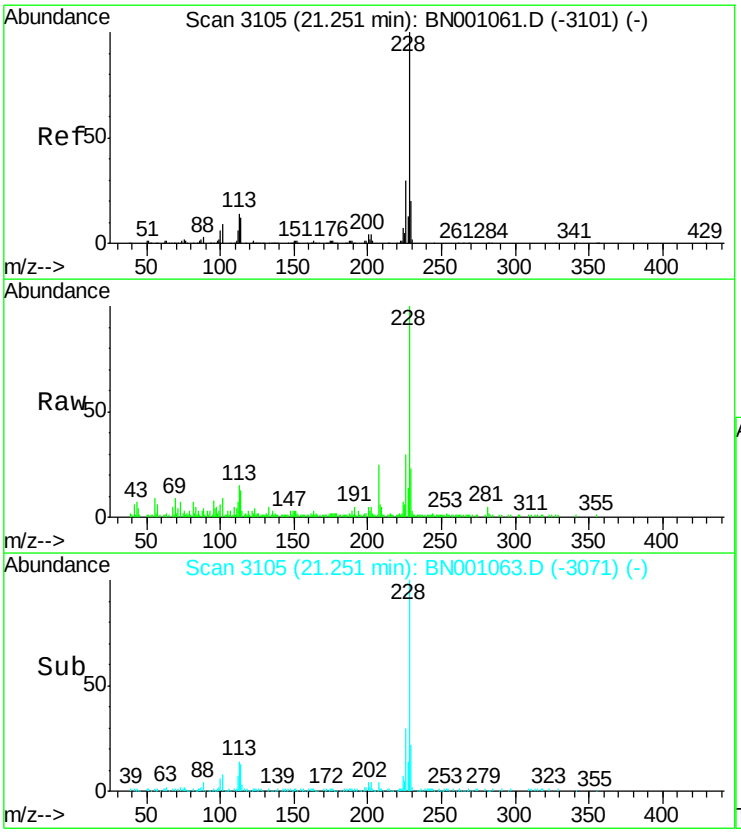
#20
Benzo(a)anthracene
Concen: 3.485 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 84108

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	30.6	21.1	31.7

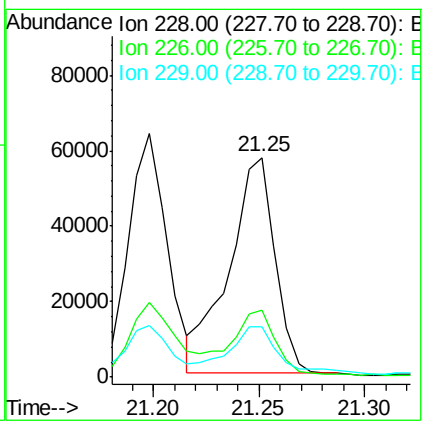


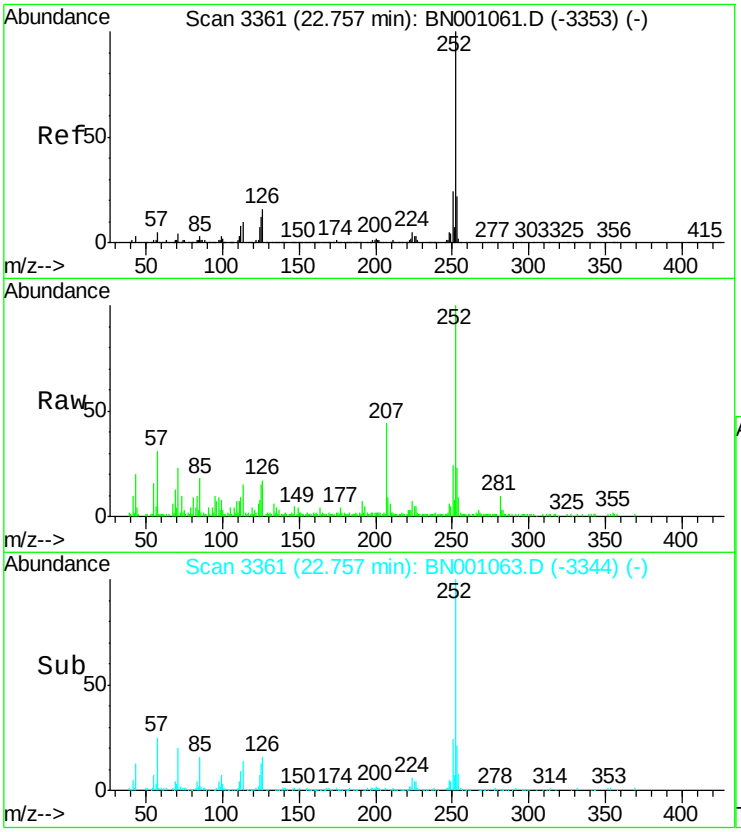


#21
Chrysene
Concen: 3.835 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Tgt Ion:228 Resp: 86978

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	23.0	15.8	23.8



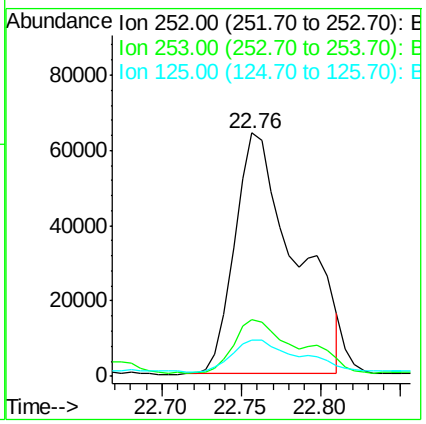


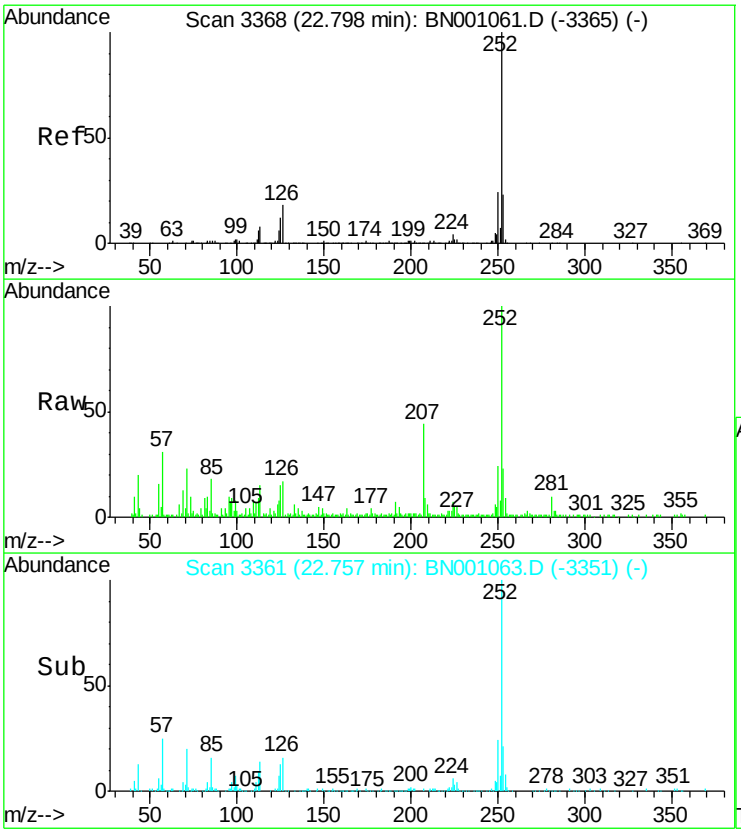
#23
Benzo(b)fluoranthene
Concen: 7.021 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 170600

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.9	8.0	12.0#

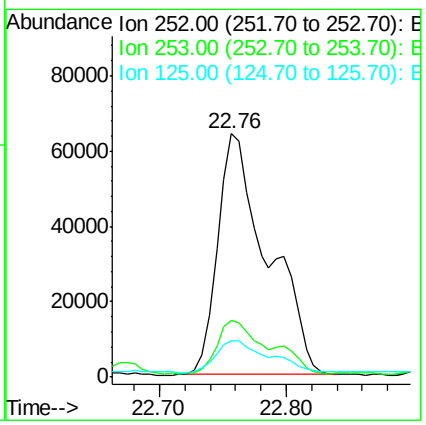


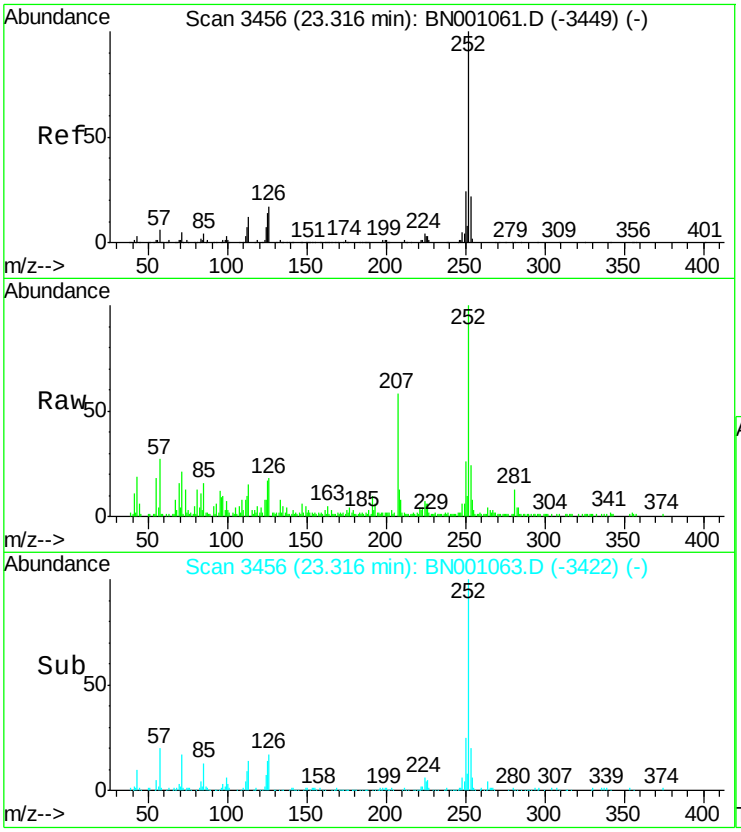


#24
Benzo(k)fluoranthene
Concen: 7.307 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Tgt Ion:252 Resp: 173722

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.9	8.1	12.1#



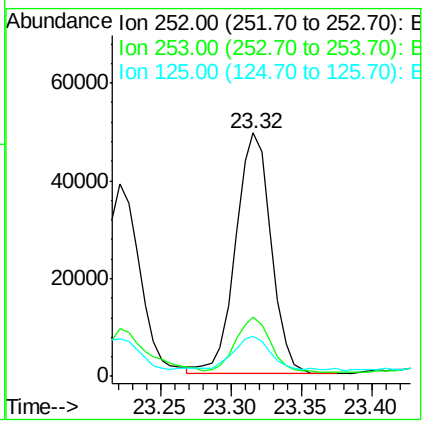


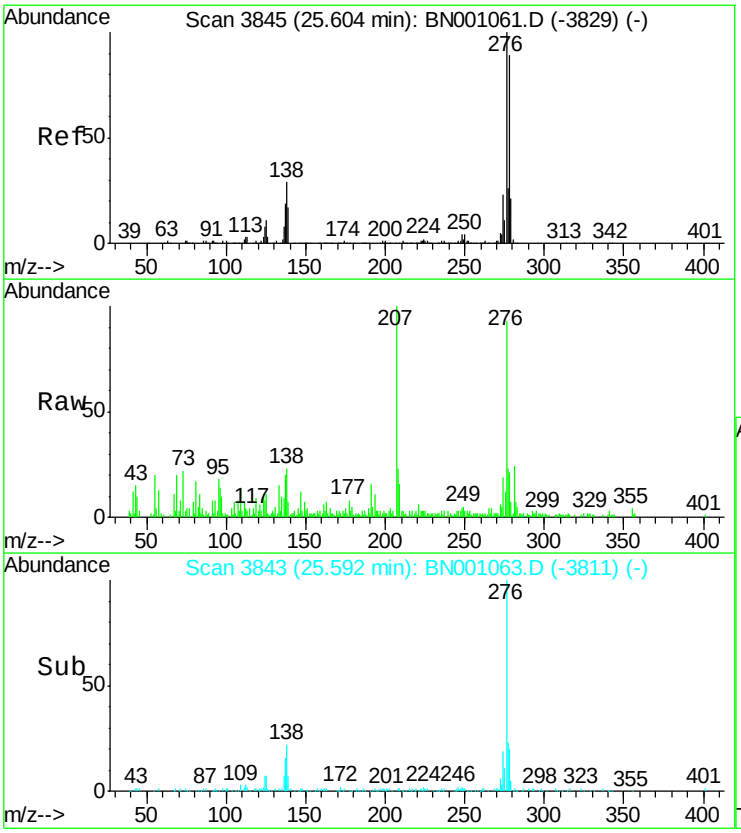
#26
Benzo(a)pyrene
Concen: 3.731 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 86647

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	16.7	8.2	12.4#

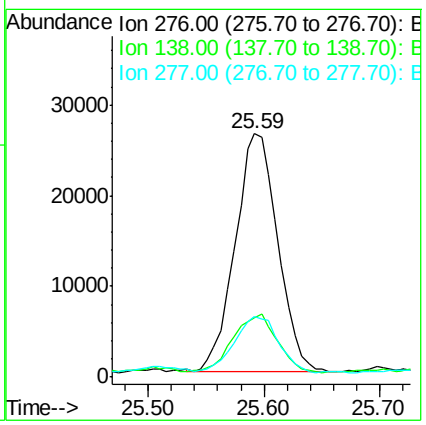


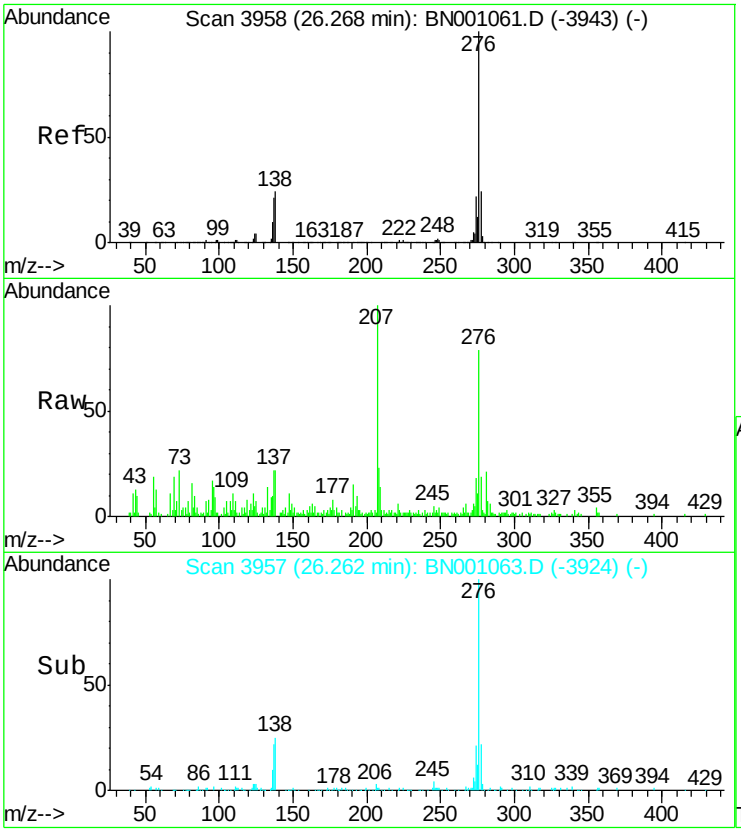


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.407 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Tgt Ion:276 Resp: 67506

Ion	Ratio	Lower	Upper
276	100		
138	24.3	14.4	21.6#
277	24.7	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 2.903 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BN001063.D
Acq: 02 May 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 68104

Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.3	22.9#
277	24.5	19.0	28.4