Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000431.D
Acq On : 16 Mar 2018 00:05
Operator : JU/SJ
Sample : J1865-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:52:49 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	211449	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	987510	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	557965	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1223177	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	959592	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	889838	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1949020	35.19	ng/ul	0.00
10) Fluorene-d10	16.05	176	1290359	34.41	ng/ul	0.00
14) Anthracene-d10	17.90	188	2013996	35.24	ng/ul	0.00
18) Pyrene-d10	20.15	212	1953332	41.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1451896	35.73	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.84	178	124892	1.780	ng/ul	98
15) Anthracene	17.84	178	124892	1.755	ng/ul	98
16) Fluoranthene	19.82	202	370375	4.887	ng/ul#	93
19) Pyrene	20.18	202	335909	5.544	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	212797	3.567	ng/ul	95
21) Chrysene	21.90	228	222242	3.926	ng/ul	95
23) Benzo(b)fluoranthene	23.65	252	428514	8.076	ng/ul#	84
26) Benzo(a)pyrene	24.31	252	255919	5.068	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	27.01	276	225529	4.142	ng/ul#	78
28) Dibenzo(a,h)anthracene	27.01	278	67743	1.518	ng/ul#	36
29) Benzo(g,h,i)perylene	27.82	276	219772	4.834	ng/ul#	79

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Mar 2018 00:05
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Sample : J1865-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:52:49 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
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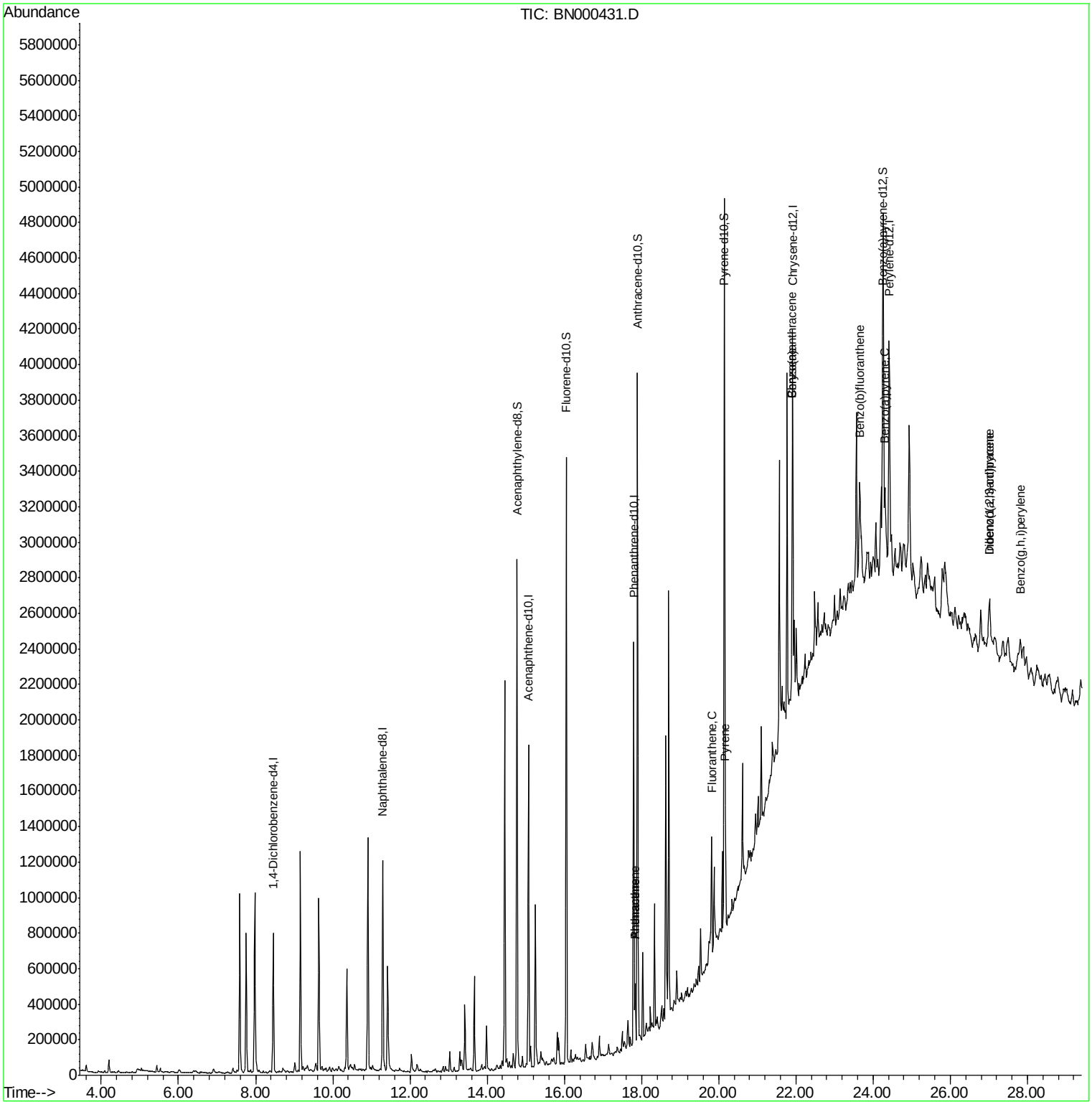
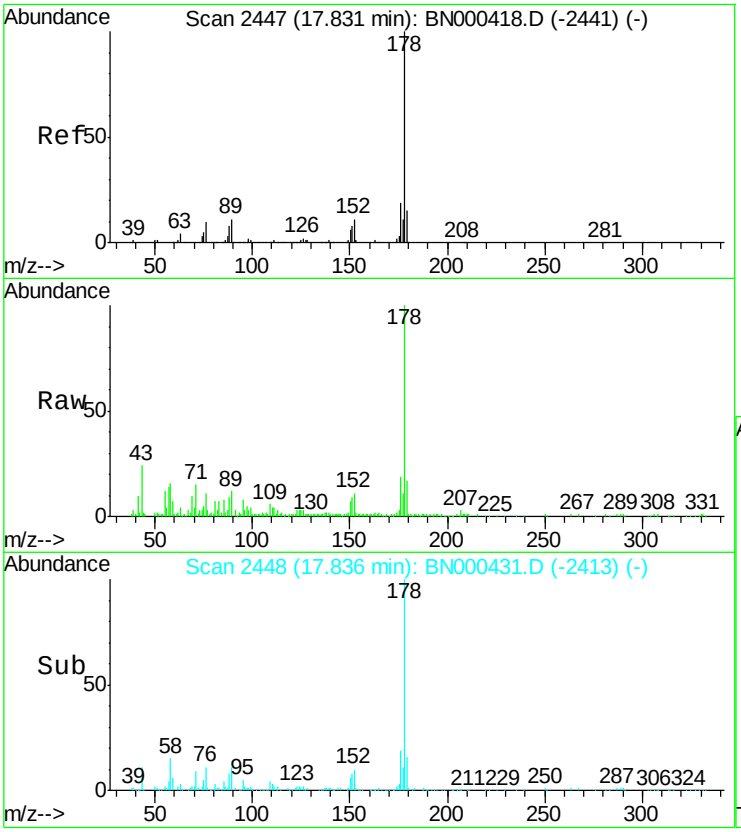


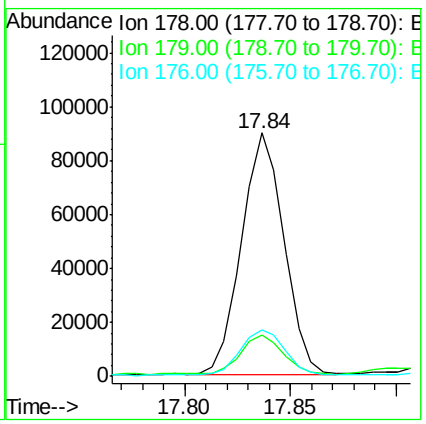


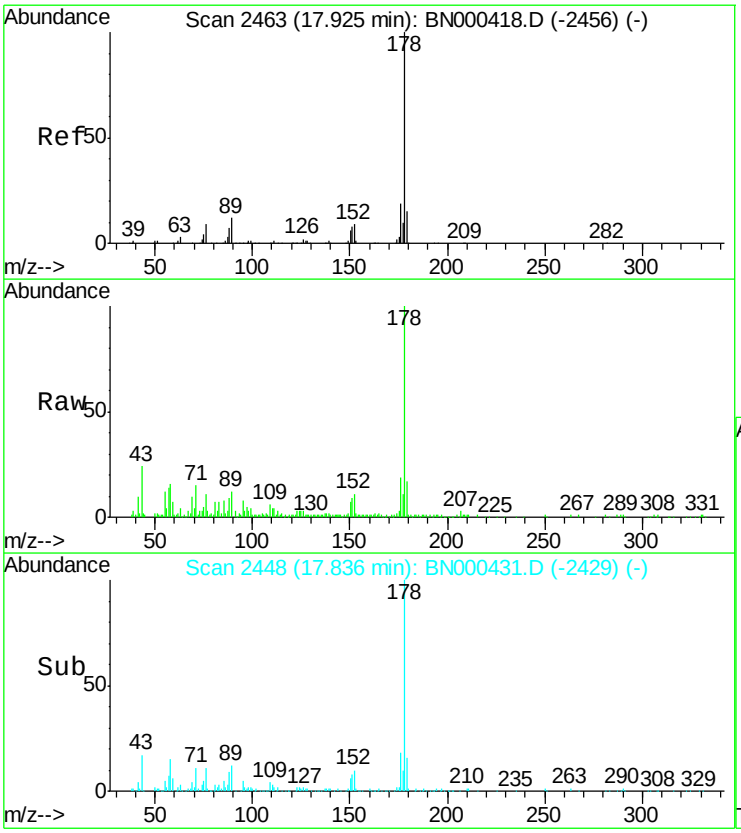
#13
Phenanthrene
Concen: 1.780 ng/ul
RT: 17.84 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 124892

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	18.8	15.1	22.7

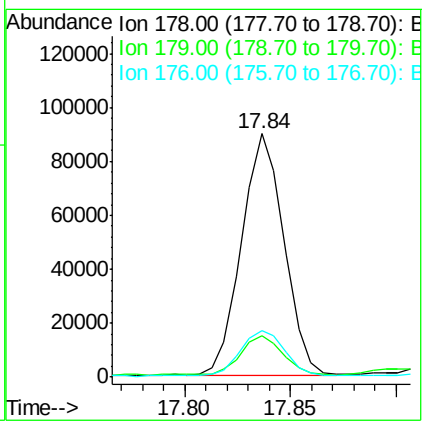


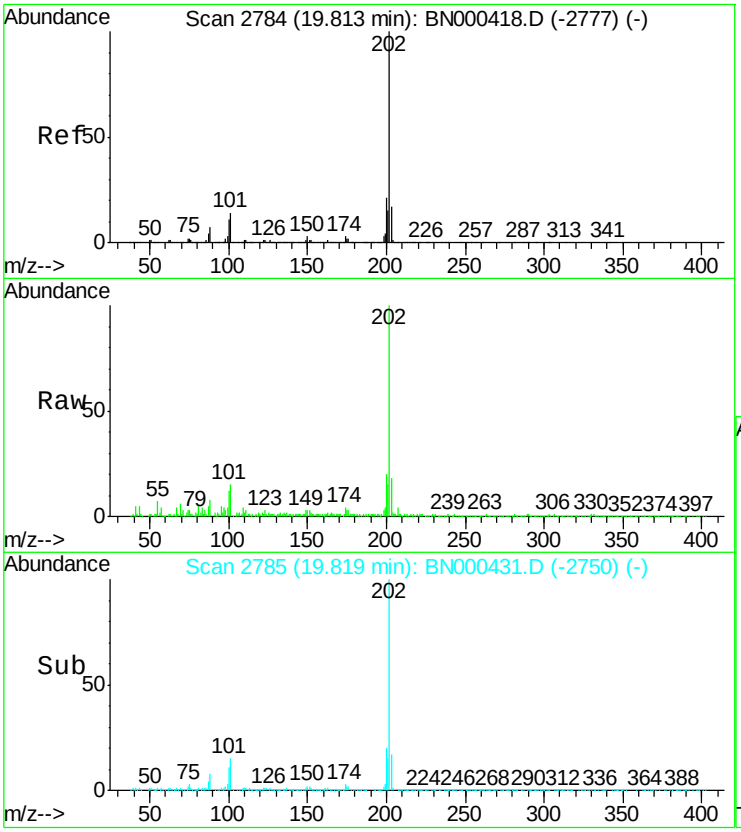


#15
Anthracene
Concen: 1.755 ng/ul
RT: 17.84 min Scan# 2448
Delta R.T. -0.09 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Tgt Ion:178 Resp: 124892

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.8
176	18.8	15.2	22.8



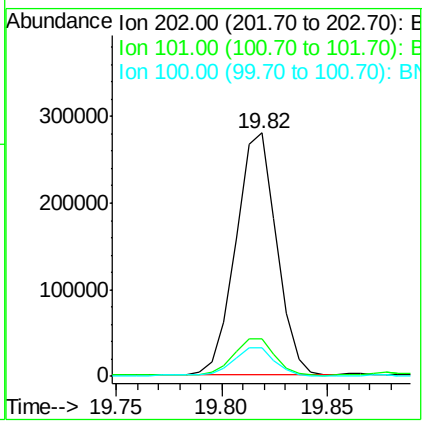


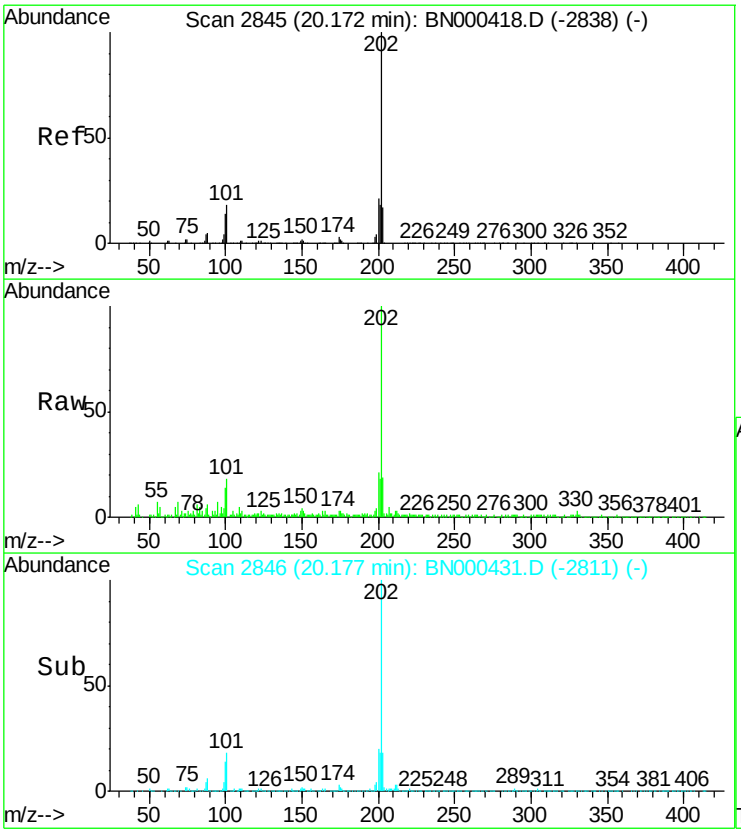
#16
Fluoranthene
Concen: 4.887 ng/ul
RT: 19.82 min Scan# 2785
Delta R.T. 0.01 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 370375

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.6	7.4	11.0#

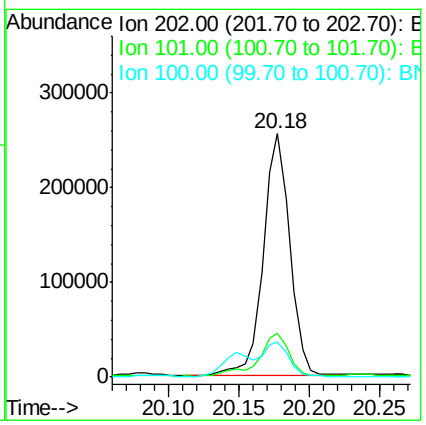


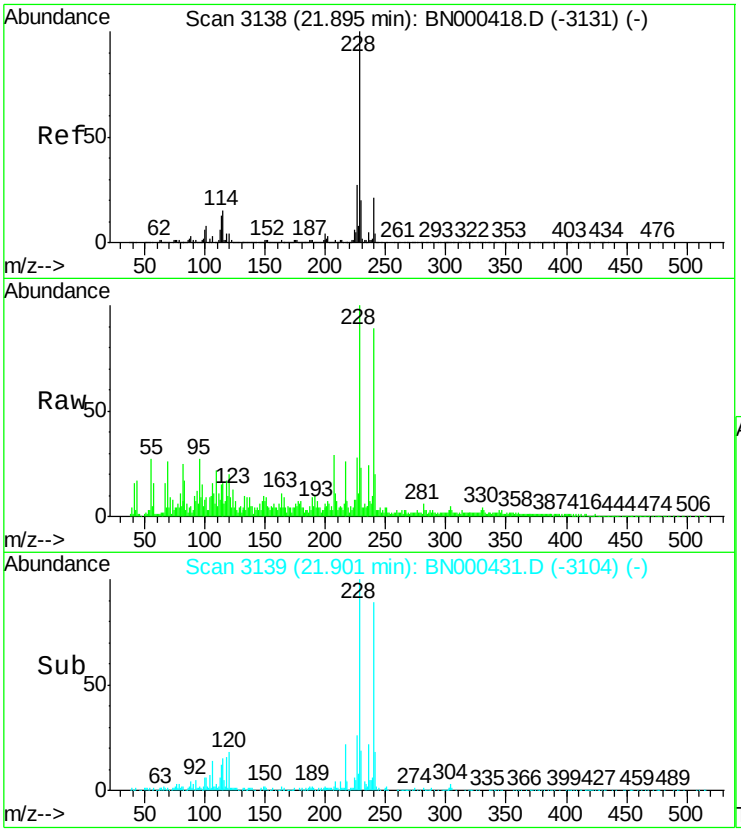


#19
Pyrene
Concen: 5.544 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Tgt Ion:202 Resp: 335909

Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.3	8.1	12.1#



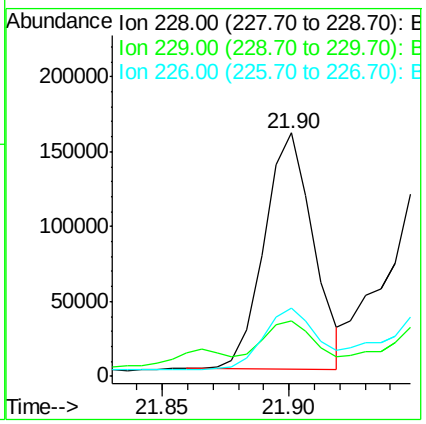


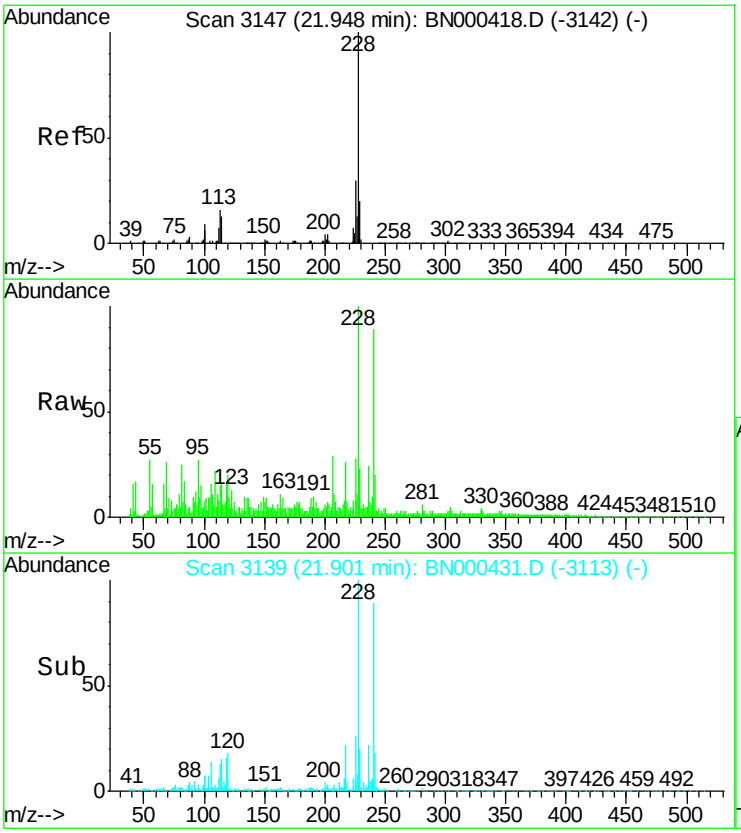
#20
Benzo(a)anthracene
Concen: 3.567 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 212797

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	28.2	21.1	31.7

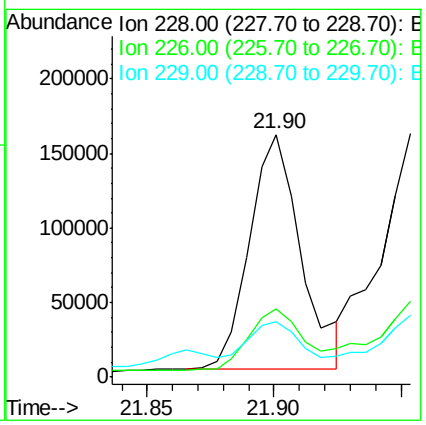


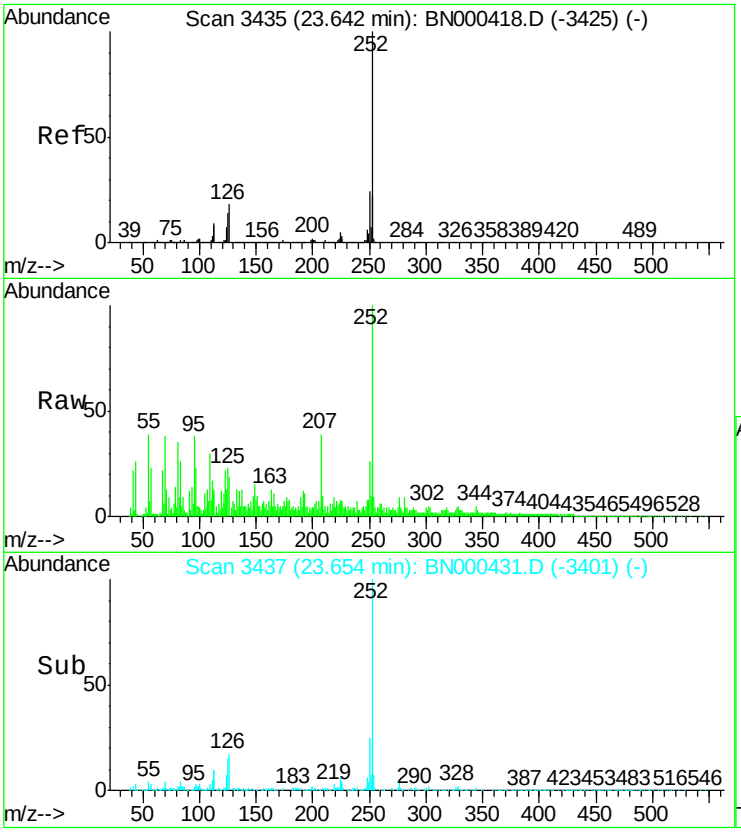


#21
Chrysene
Concen: 3.926 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. -0.05 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Tgt Ion:228 Resp: 222242

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.5	36.7
229	22.9	15.8	23.8



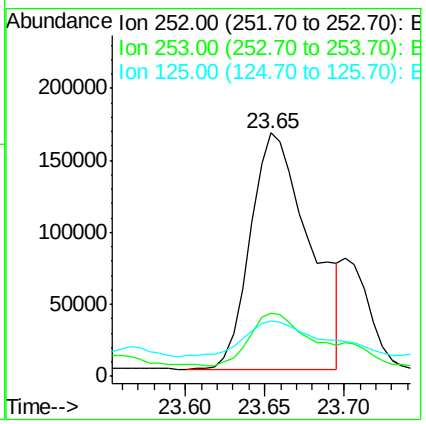


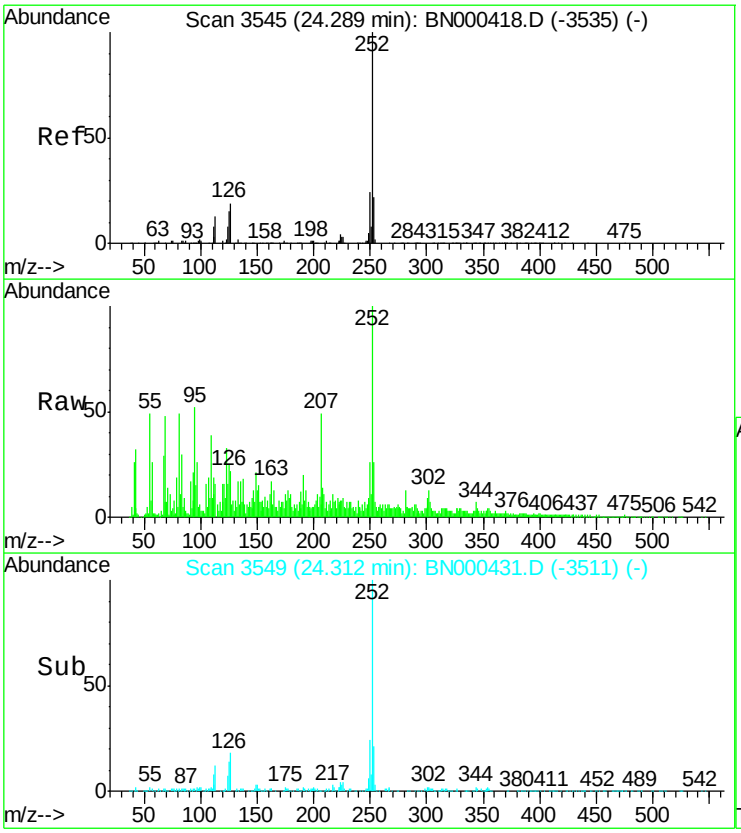
#23
Benzo(b)fluoranthene
Concen: 8.076 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 428514

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	22.9	8.0	12.0#

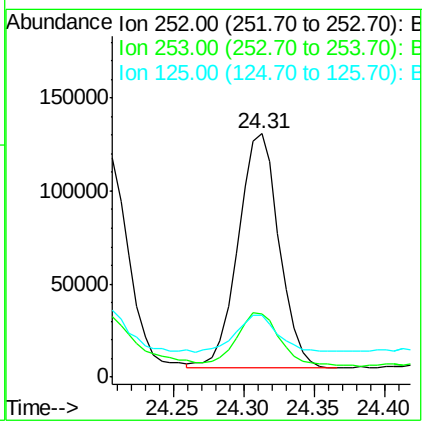


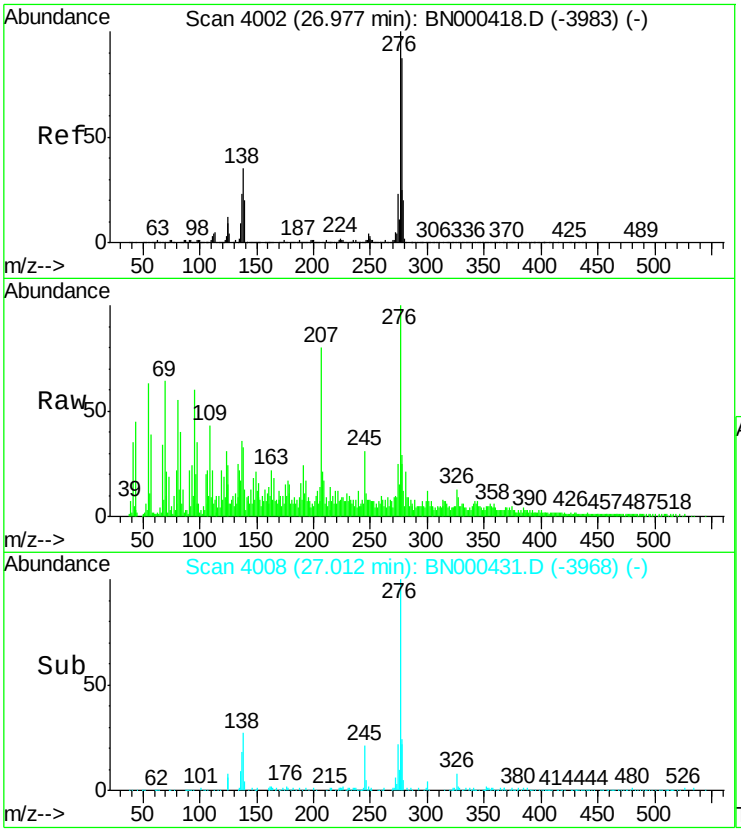


#26
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 24.31 min Scan# 3549
Delta R.T. 0.02 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Tgt Ion:252 Resp: 255919

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8#
125	25.3	8.2	12.4#



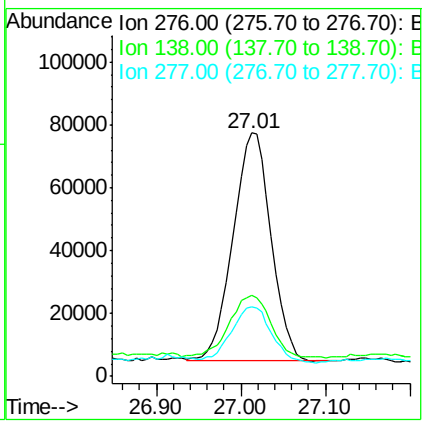


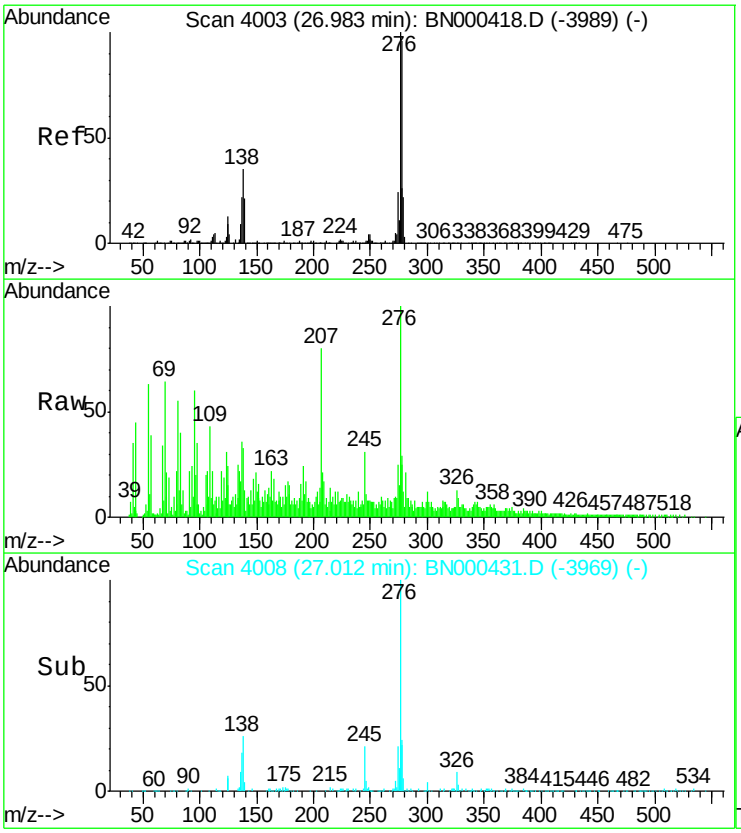
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.142 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.04 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 225529

Ion	Ratio	Lower	Upper
276	100		
138	33.1	14.4	21.6#
277	28.6	18.0	27.0#

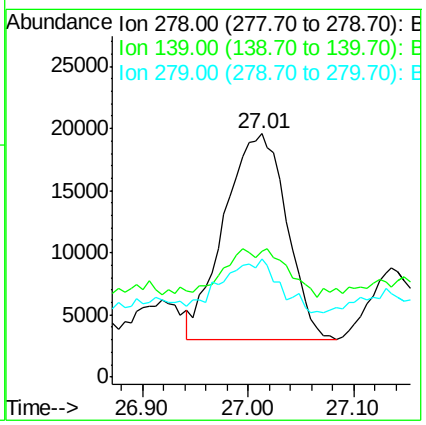


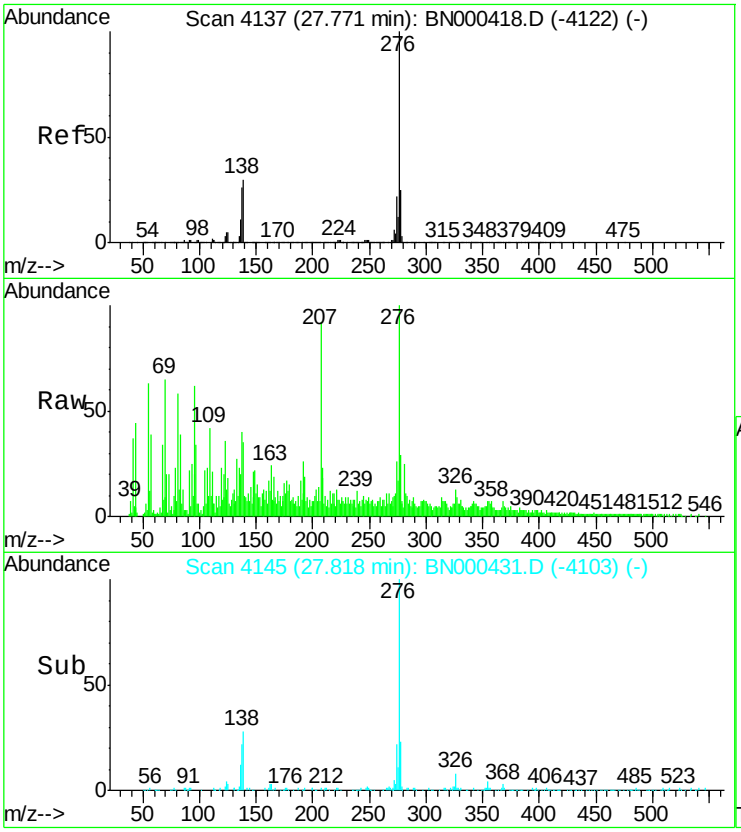


#28
Dibenzo(a,h)anthracene
Concen: 1.518 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.03 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Tgt Ion:278 Resp: 67743

Ion	Ratio	Lower	Upper
278	100		
139	51.5	12.2	18.4#
279	48.5	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 4.834 ng/ul
RT: 27.82 min Scan# 4145
Delta R.T. 0.05 min
Lab File: BN000431.D
Acq: 16 Mar 2018 00:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 219772

Ion	Ratio	Lower	Upper
276	100		
138	34.6	15.3	22.9#
277	28.6	19.0	28.4#