Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121518\

Quantitation Report (Not Reviewed)

Data File : BN003979.D
Acq On : 16 Dec 2018 03:32
Operator : JU/SJ
Sample : J6171-13DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9Y17DL

Quant Time: Dec 16 23:56:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1791	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9299	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14442	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18865	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17256	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	701	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2270	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1115	0.043	ng/ul#	80
5) 2-Methylnaphthalene	12.29	142	596	0.033	ng/ul	99
12) Phenanthrene	17.26	178	3345	0.071	ng/ul#	94
17) Pyrene	19.63	202	5304	0.078	ng/ul#	92
18) Benzo(a)anthracene	21.38	228	1934	0.032	ng/ul#	56
19) Chrysene	21.43	228	4315	0.063	ng/ul#	80
21) Benzo(b)fluoranthene	23.01	252	2120	0.030	ng/ul#	1
22) Benzo(k)fluoranthene	23.01	252	2120	0.030	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	1664	0.027	ng/ul#	4
26) Benzo(g,h,i)perylene	26.79	276	3223	0.052	ng/ul#	63

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

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Quantitation Report (Not Reviewed)

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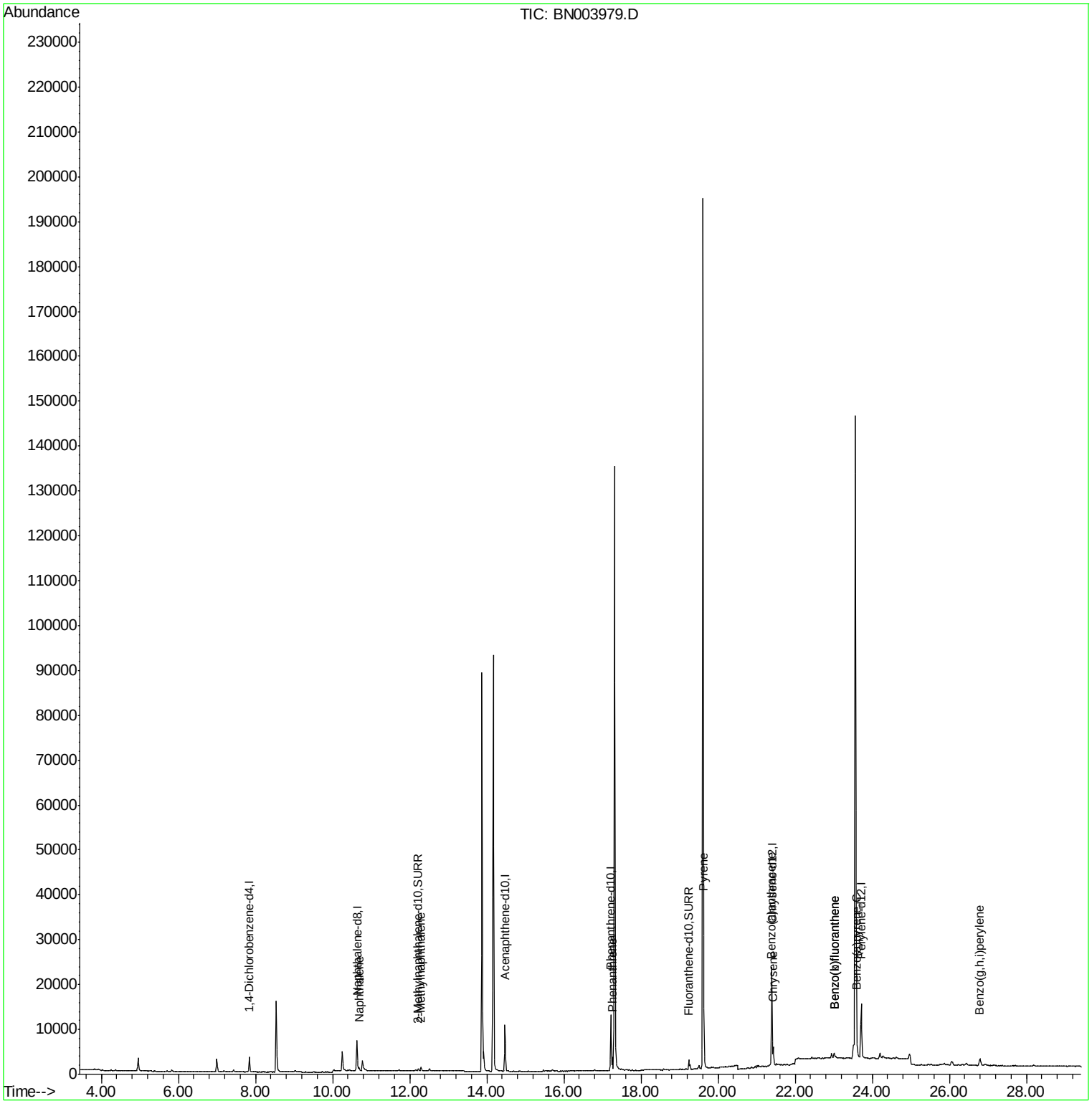
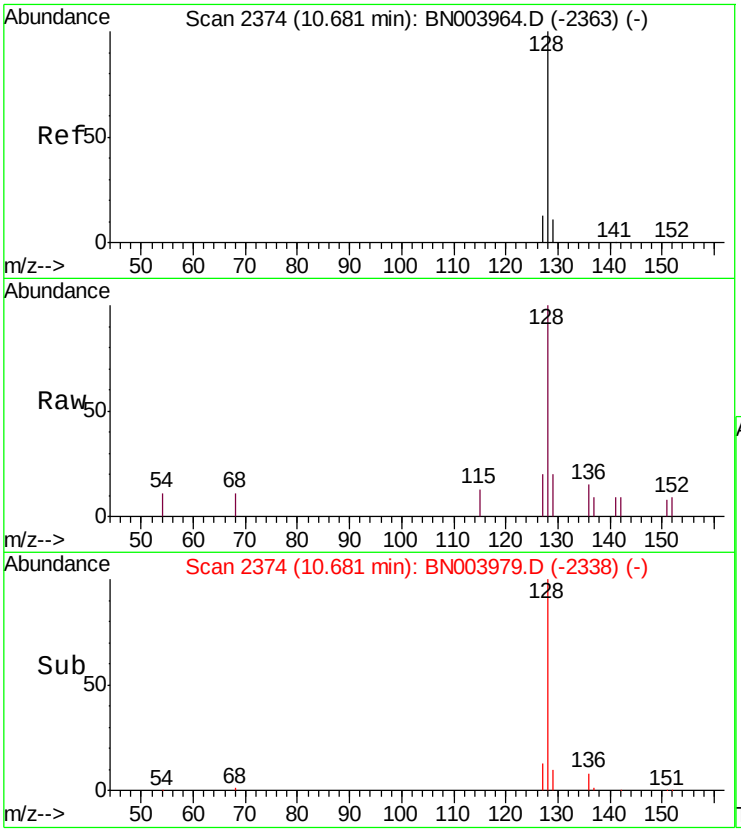
Quant Time: Dec 16 23:56:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration



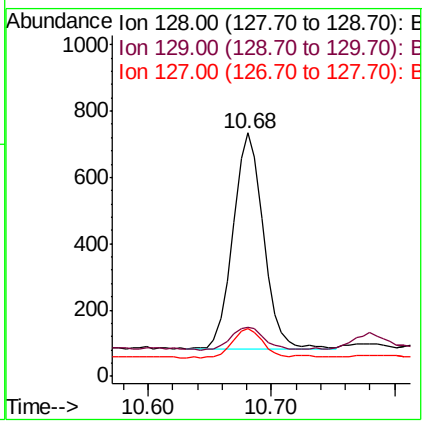


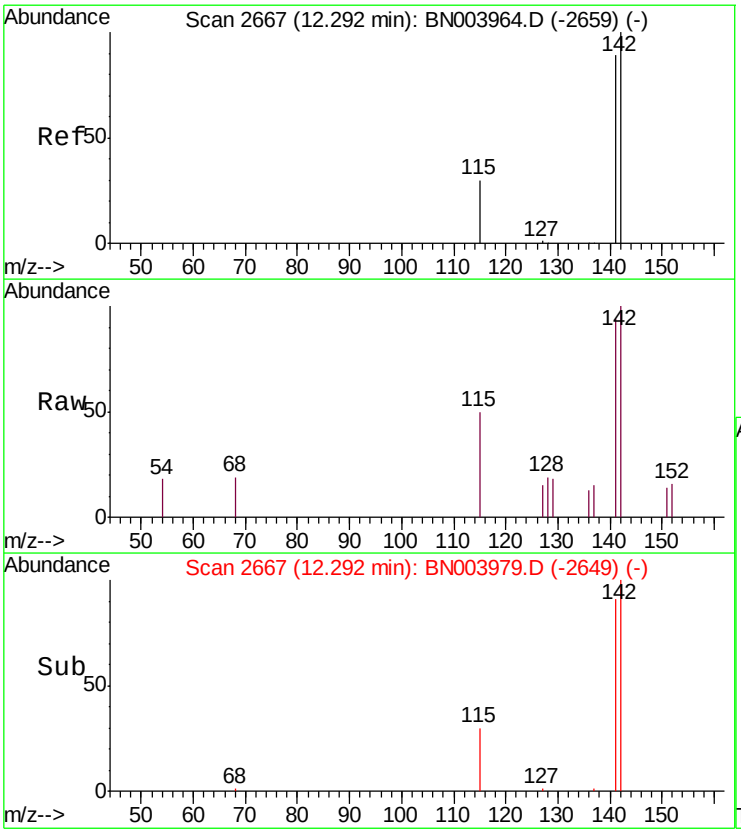
#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Instrument :
BNA_N
ClientSampleId :
F9Y17DL

Tgt Ion:128 Resp: 1115

Ion	Ratio	Lower	Upper
128	100		
129	20.2	9.0	13.6#
127	19.9	10.5	15.7#

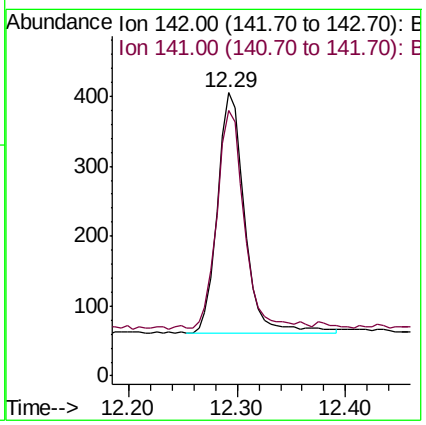


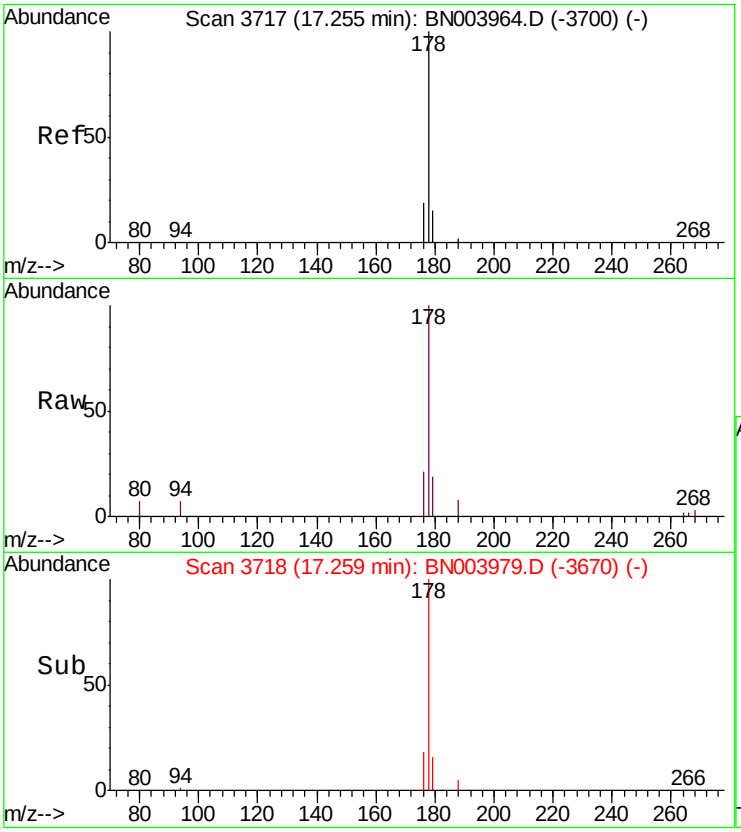


#5
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Tgt Ion:142 Resp: 596

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.5	107.3



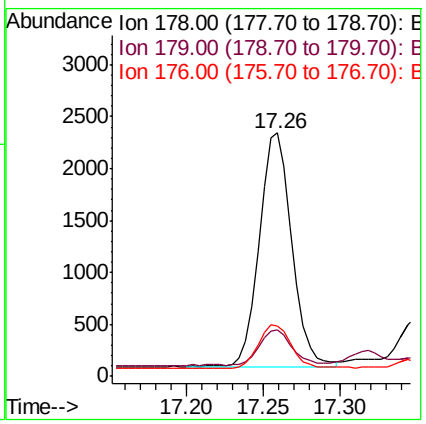


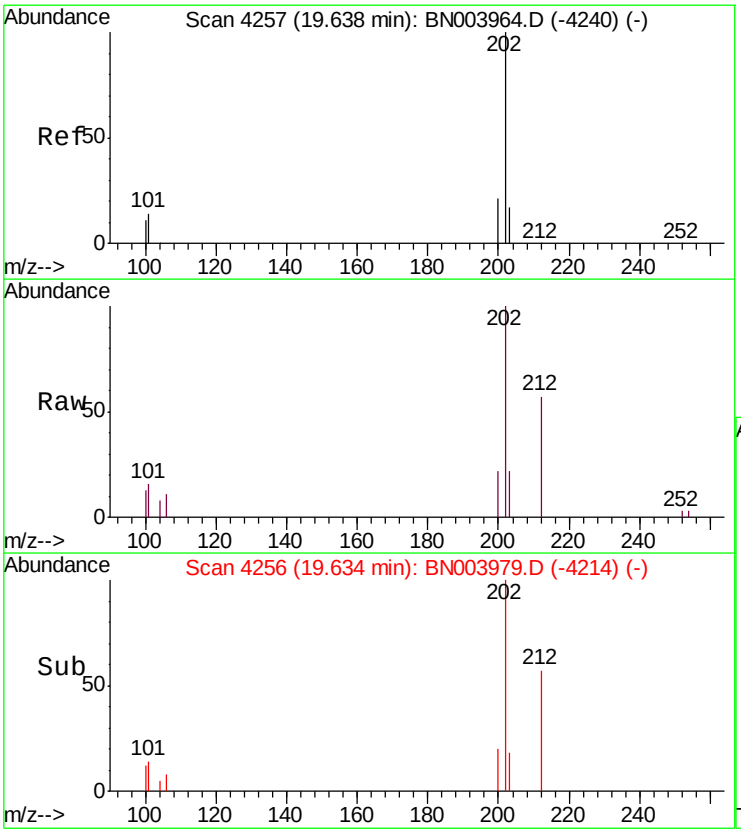
#12
Phenanthrene
Concen: 0.071 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Instrument :
BNA_N
ClientSampleId :
F9Y17DL

Tgt Ion:178 Resp: 3345

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.5	18.7#
176	20.6	15.0	22.4

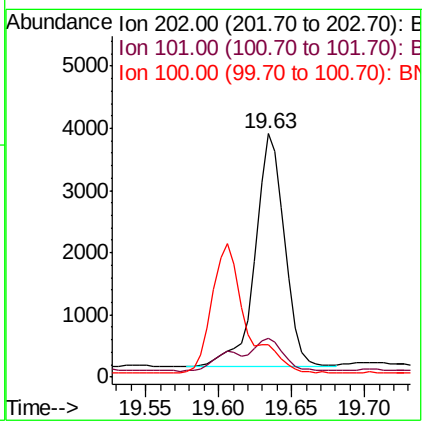


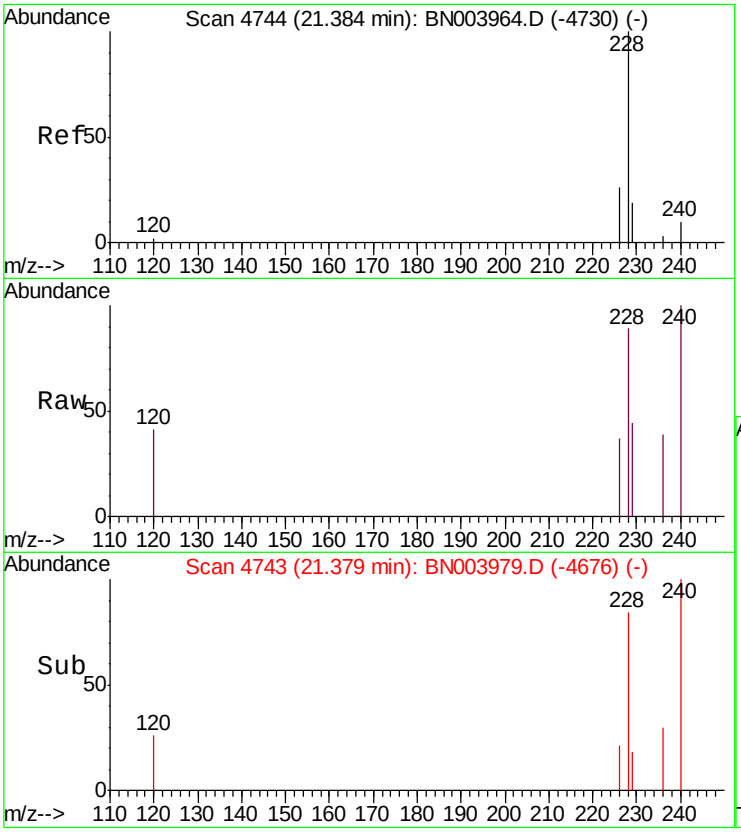


#17
Pyrene
Concen: 0.078 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Tgt Ion:202 Resp: 5304

Ion	Ratio	Lower	Upper
202	100		
101	16.1	10.3	15.5#
100	13.2	8.5	12.7#



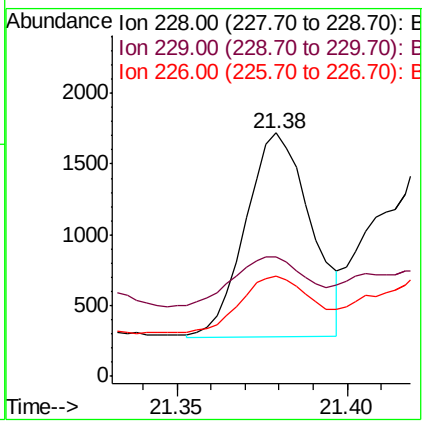


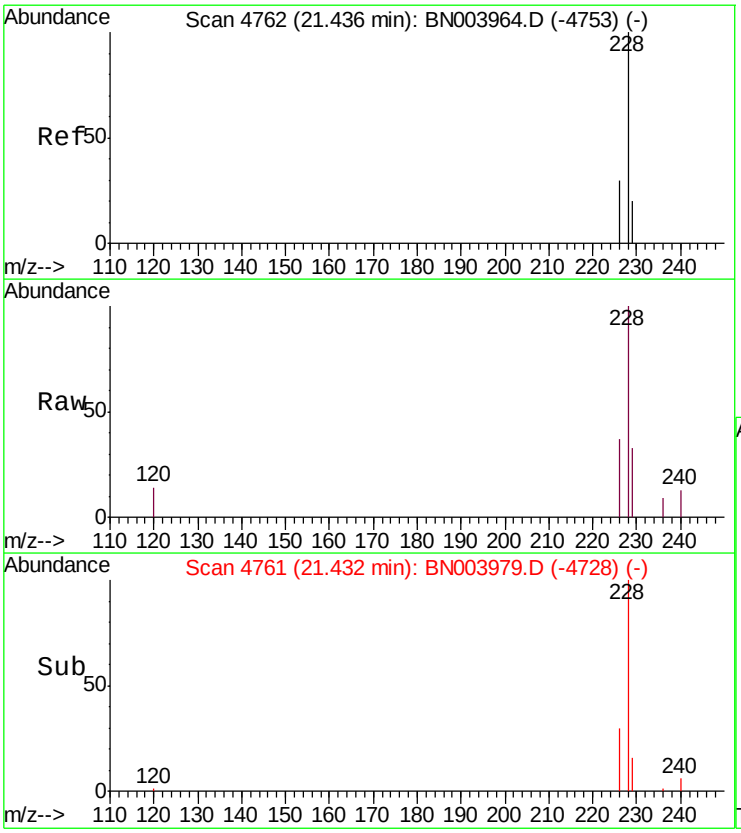
#18
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Instrument :
BNA_N
ClientSampleId :
F9Y17DL

Tgt Ion:228 Resp: 1934

Ion	Ratio	Lower	Upper
228	100		
229	49.0	15.6	23.4#
226	41.1	21.1	31.7#

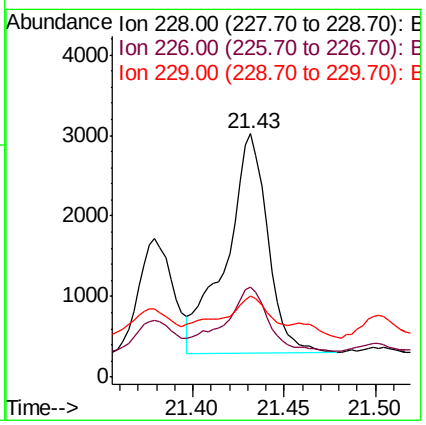


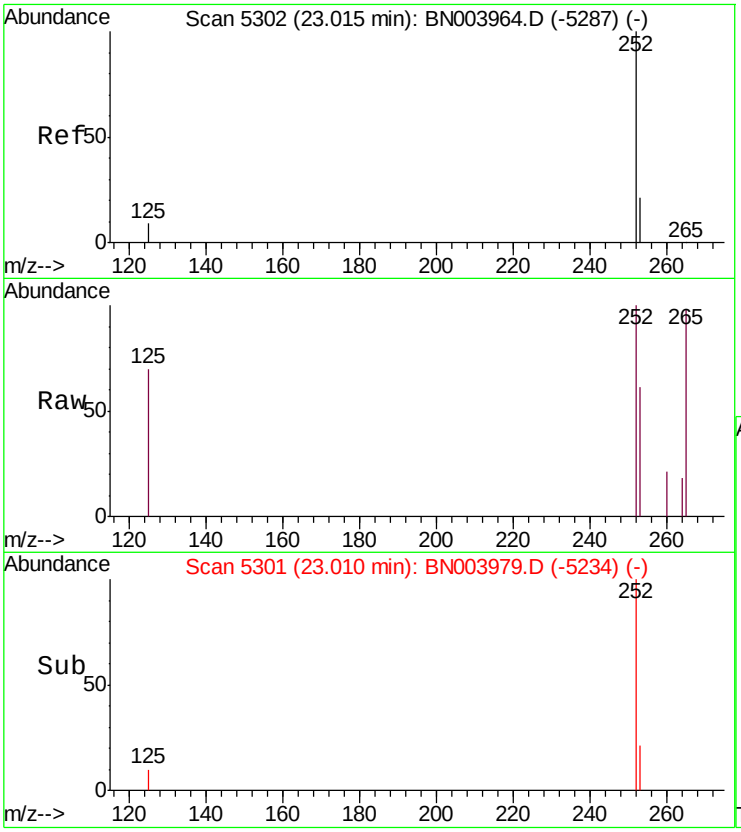


#19
Chrysene
Concen: 0.063 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. -0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Tgt Ion:228 Resp: 4315

Ion	Ratio	Lower	Upper
228	100		
226	37.0	24.0	36.0#
229	33.1	15.7	23.5#



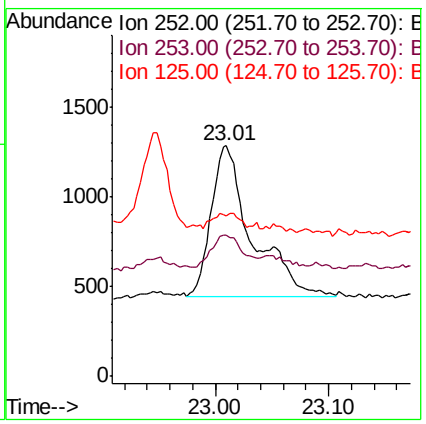


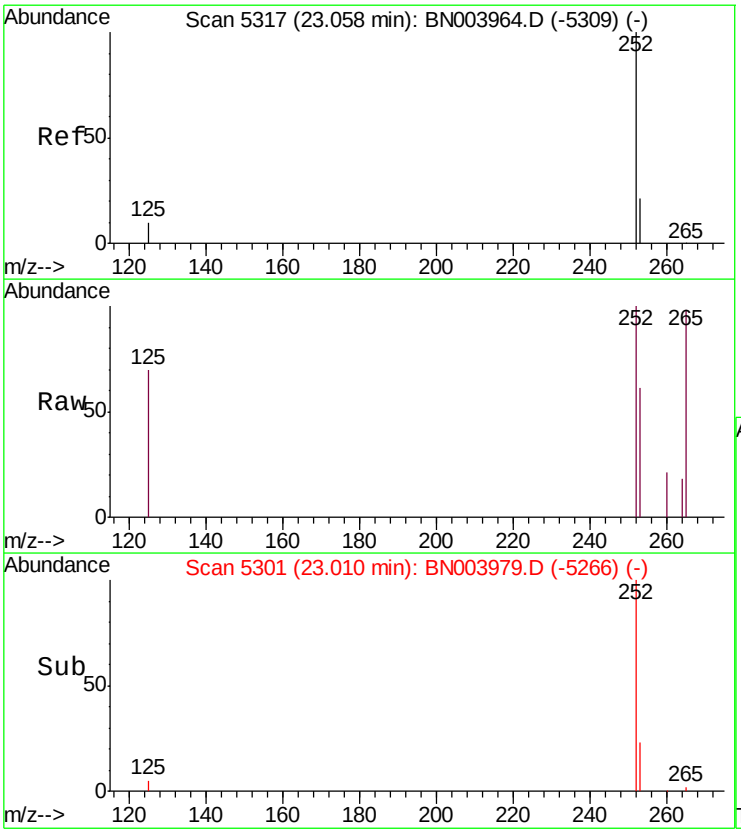
#21
Benzo(b)fluoranthene
Concen: 0.030 ng/ul
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Instrument :
BNA_N
ClientSampleId :
F9Y17DL

Tgt Ion:252 Resp: 2120

Ion	Ratio	Lower	Upper
252	100		
253	61.4	0.0	46.0#
125	69.6	0.0	22.4#

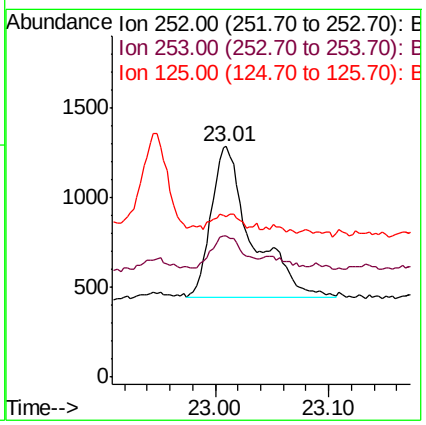


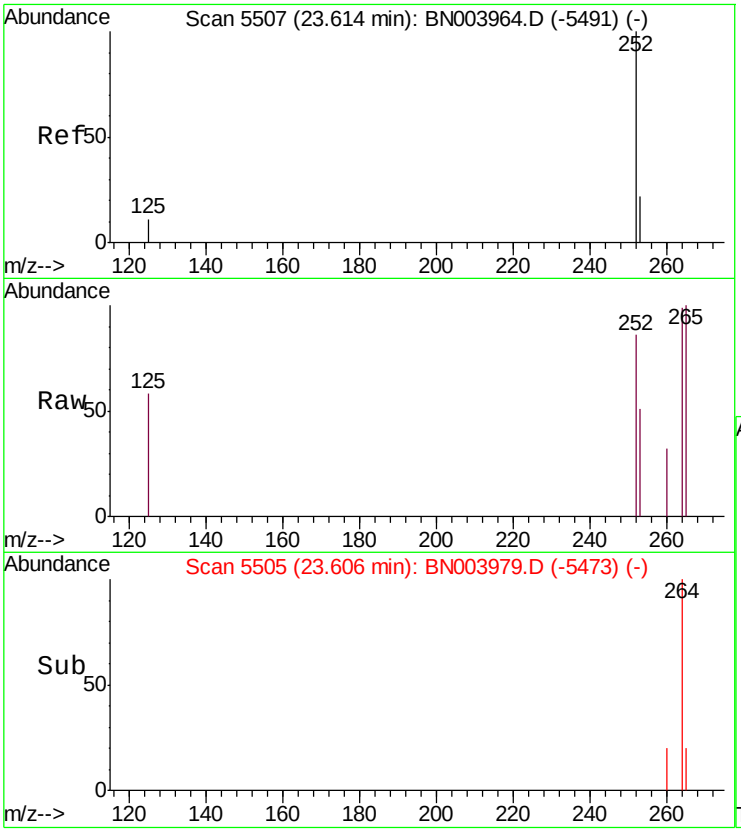


#22
Benzo(k)fluoranthene
Concen: 0.030 ng/ul
RT: 23.01 min Scan# 5301
Delta R.T. -0.05 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Tgt Ion:252 Resp: 2120

Ion	Ratio	Lower	Upper
252	100		
253	61.4	18.5	27.7#
125	69.6	9.0	13.6#



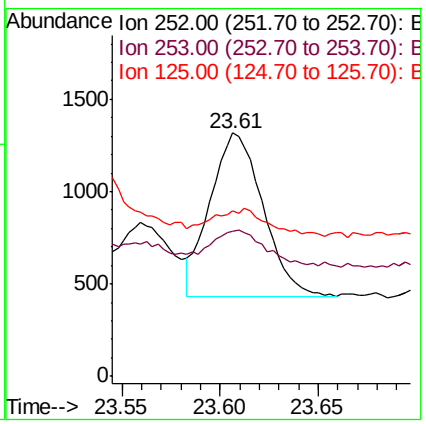


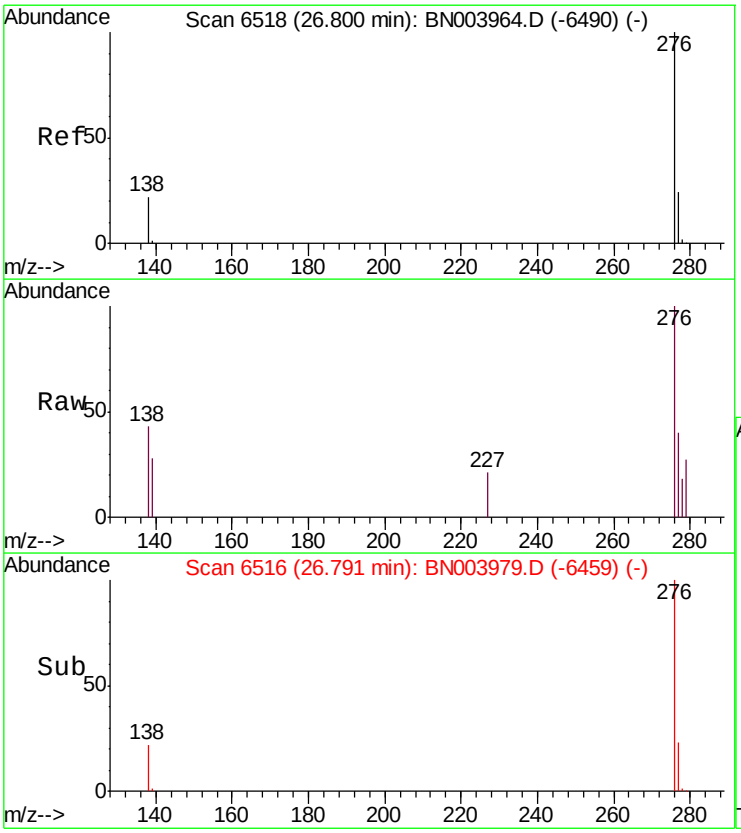
#23
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.61 min Scan# 5505
Delta R.T. -0.01 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Instrument :
BNA_N
ClientSampleId :
F9Y17DL

Tgt Ion:252 Resp: 1664

Ion	Ratio	Lower	Upper
252	100		
253	59.3	19.0	28.4#
125	67.8	10.2	15.4#





#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.79 min Scan# 6516
Delta R.T. -0.01 min
Lab File: BN003979.D
Acq: 16 Dec 2018 03:32

Tgt Ion:276 Resp: 3223

Ion	Ratio	Lower	Upper
276	100		
138	42.7	17.7	26.5#
277	39.7	19.3	28.9#