Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 08 04:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	15750	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40680	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	35853	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	32510	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1984	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	11228	0.09	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	16.51	266	382	0.034	ng/ul#	34
12) Phenanthrene	16.90	178	4747	0.037	ng/ul#	93
15) Fluoranthene	18.93	202	13248	0.082	ng/ul	98
17) Pyrene	19.29	202	15002	0.094	ng/ul	97
18) Benzo(a)anthracene	21.06	228	6575	0.042	ng/ul#	84
19) Chrysene	21.11	228	8141	0.055	ng/ul#	88
21) Benzo(b)fluoranthene	22.57	252	10722	0.081	ng/ul#	56
22) Benzo(k)fluoranthene	22.57	252	10722	0.084	ng/ul#	57
23) Benzo(a)pyrene	23.11	252	5019	0.040	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.30	276	2844	0.021	ng/ul#	51
26) Benzo(g,h,i)perylene	25.93	276	2947	0.026	ng/ul#	72

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

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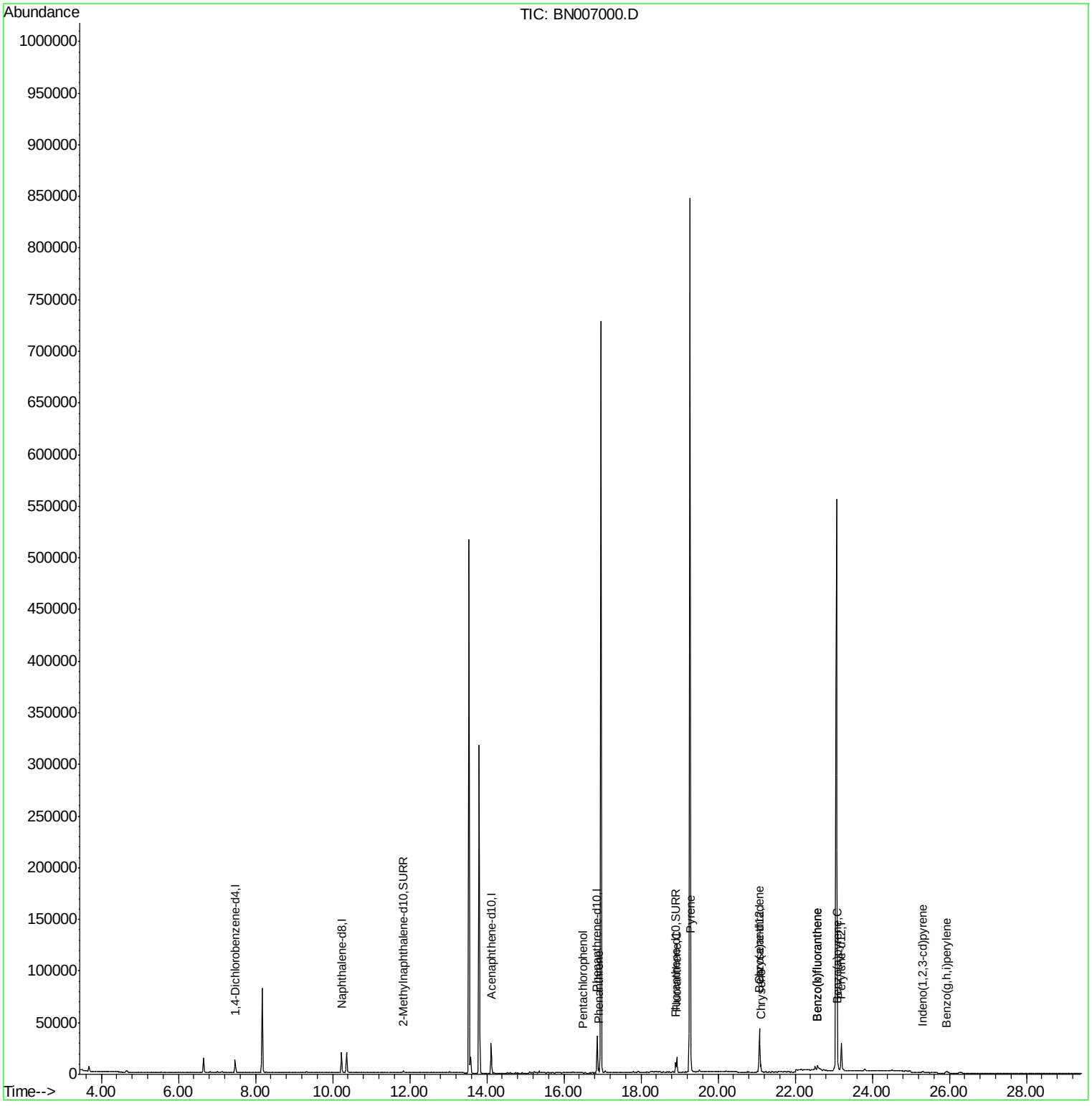
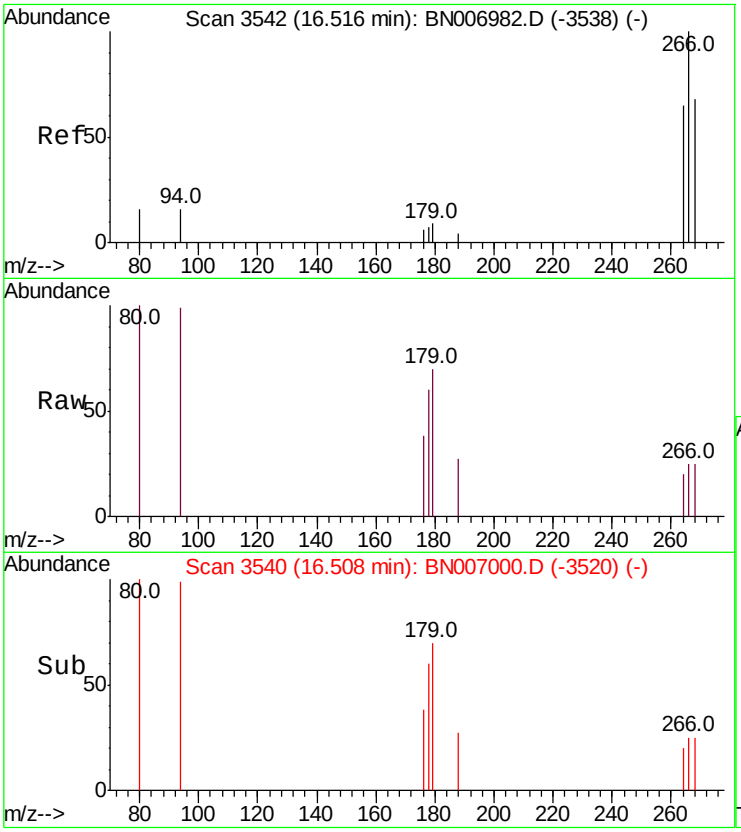


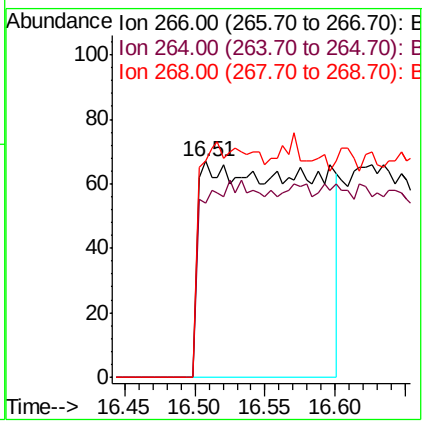


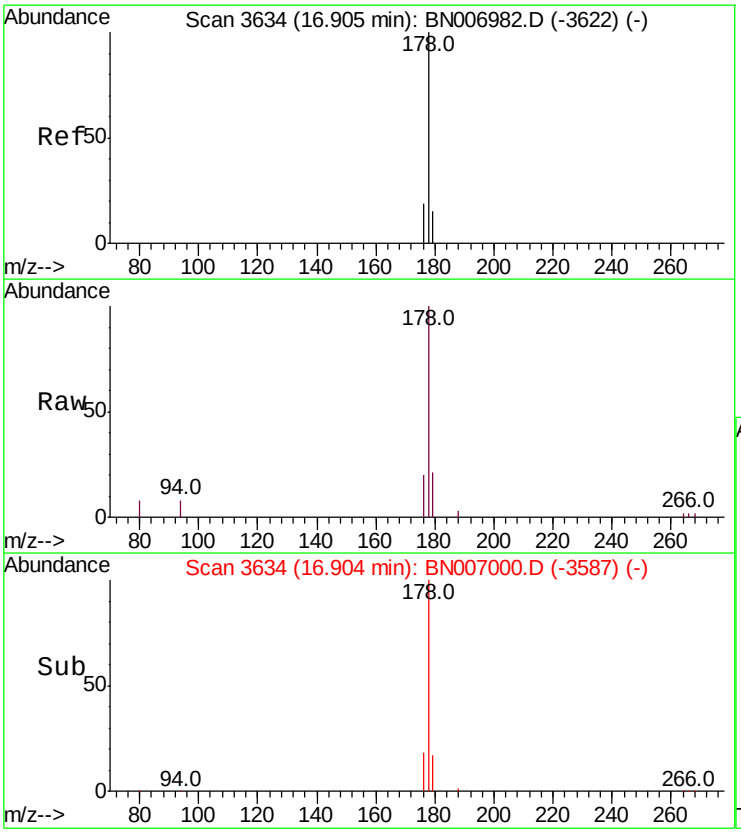
#11
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.51 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 382

Ion	Ratio	Lower	Upper
266	100		
264	88.7	55.7	83.5#
268	0.0	75.2	112.8#

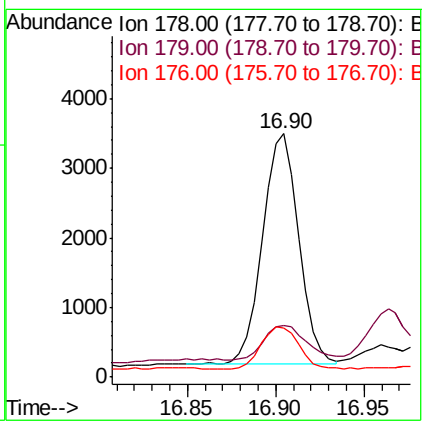


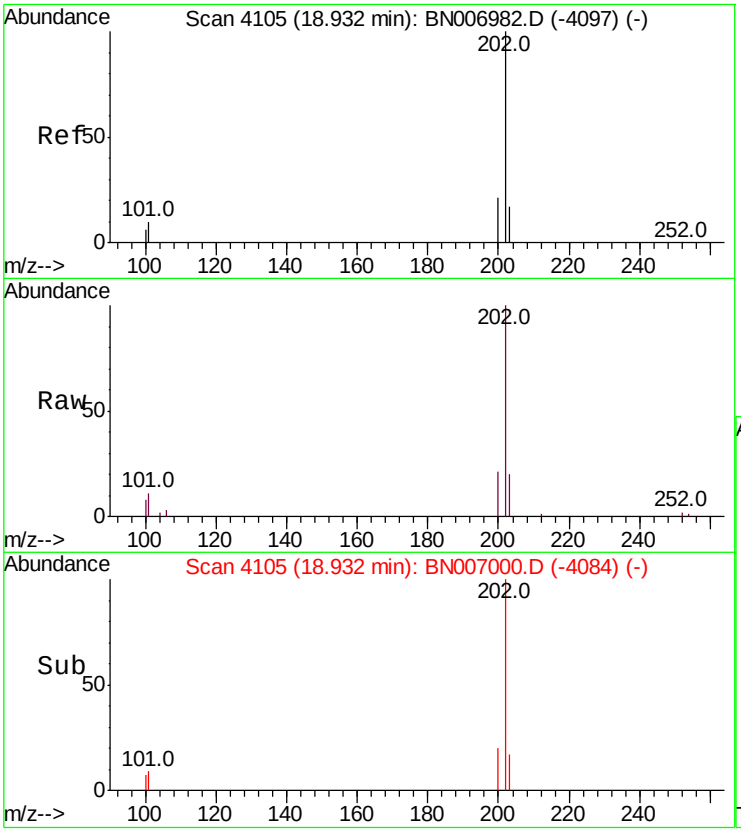


#12
Phenanthrene
Concen: 0.037 ng/ul
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Tgt Ion:178 Resp: 4747

Ion	Ratio	Lower	Upper
178	100		
179	21.4	12.5	18.7#
176	20.4	15.6	23.4



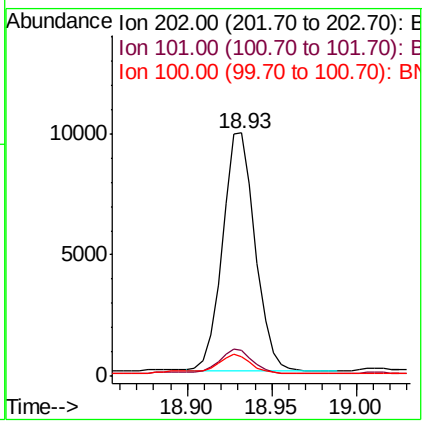


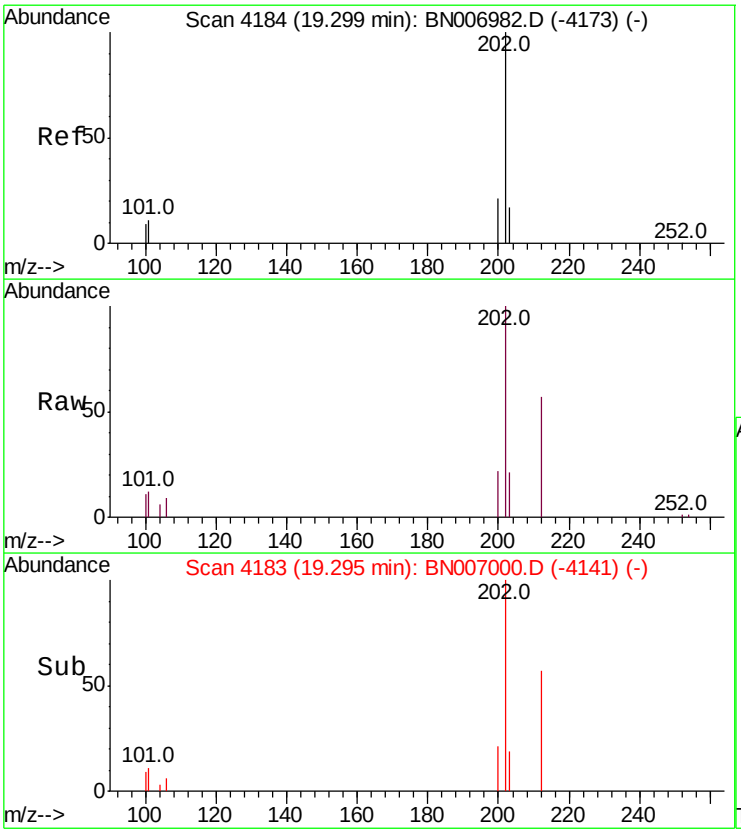
#15
Fluoranthene
Concen: 0.082 ng/ul
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 13248

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
100	8.0	0.0	27.7

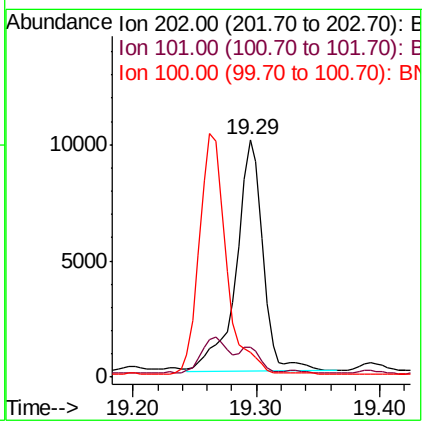


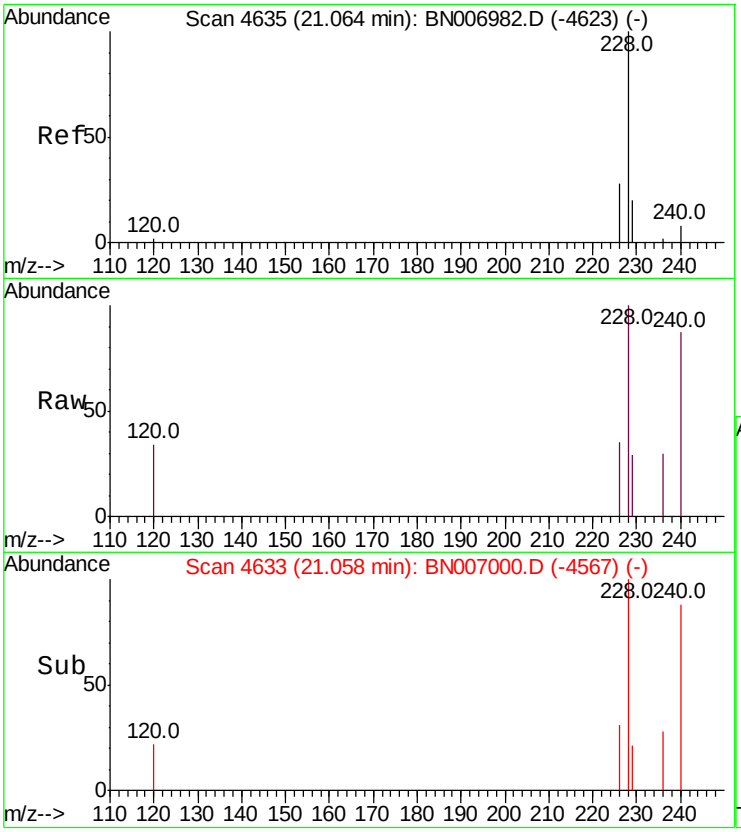


#17
Pyrene
Concen: 0.094 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Tgt Ion:202 Resp: 15002

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	10.6	7.3	10.9



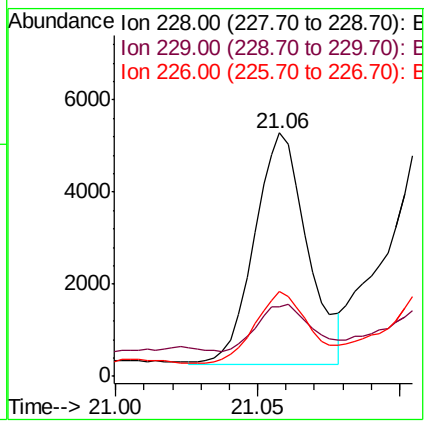


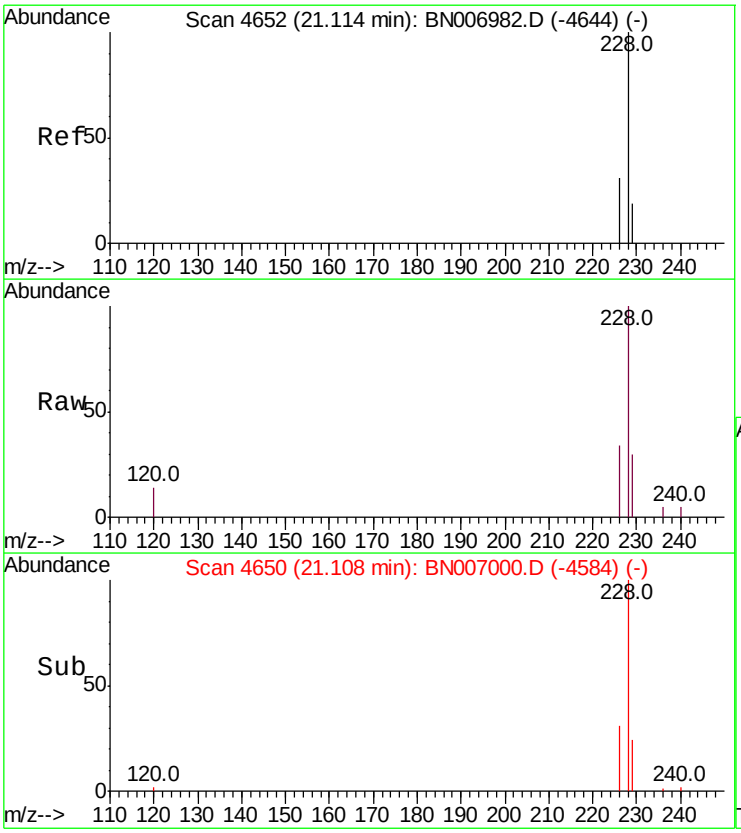
#18
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6575

Ion	Ratio	Lower	Upper
228	100		
229	28.5	15.9	23.9#
226	34.9	22.2	33.4#

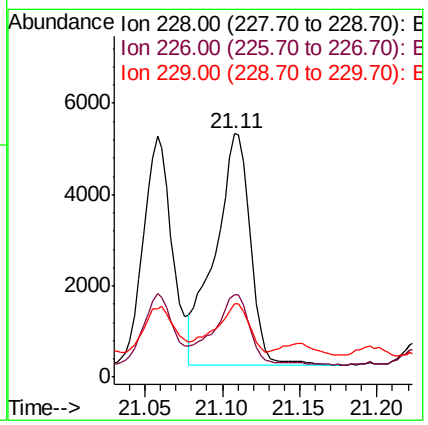


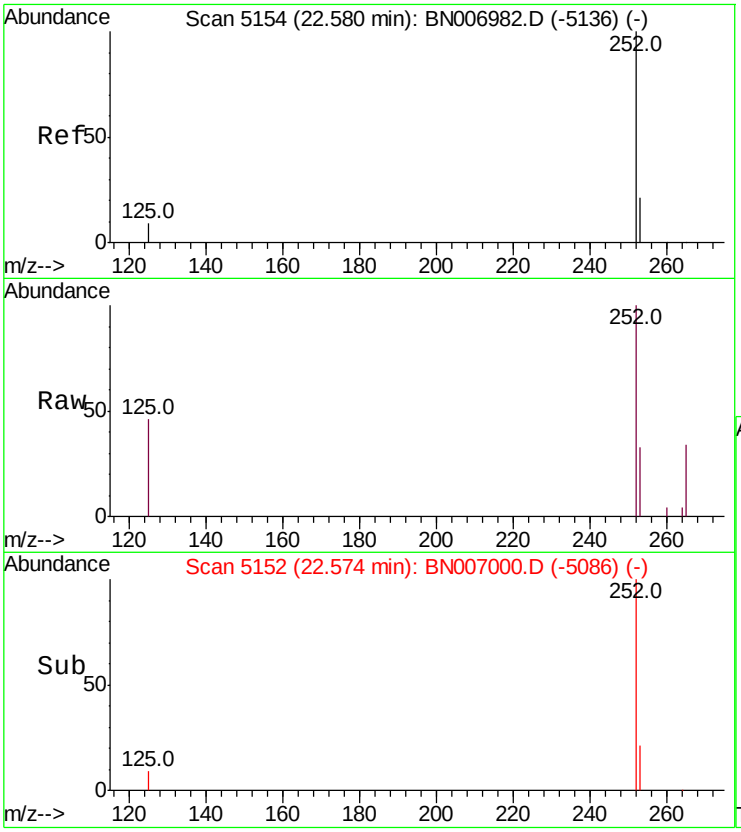


#19
Chrysene
Concen: 0.055 ng/ul
RT: 21.11 min Scan# 4650
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Tgt Ion:228 Resp: 8141

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.7	37.1
229	30.1	15.5	23.3#



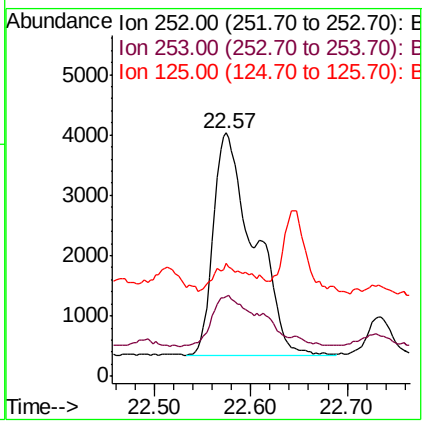


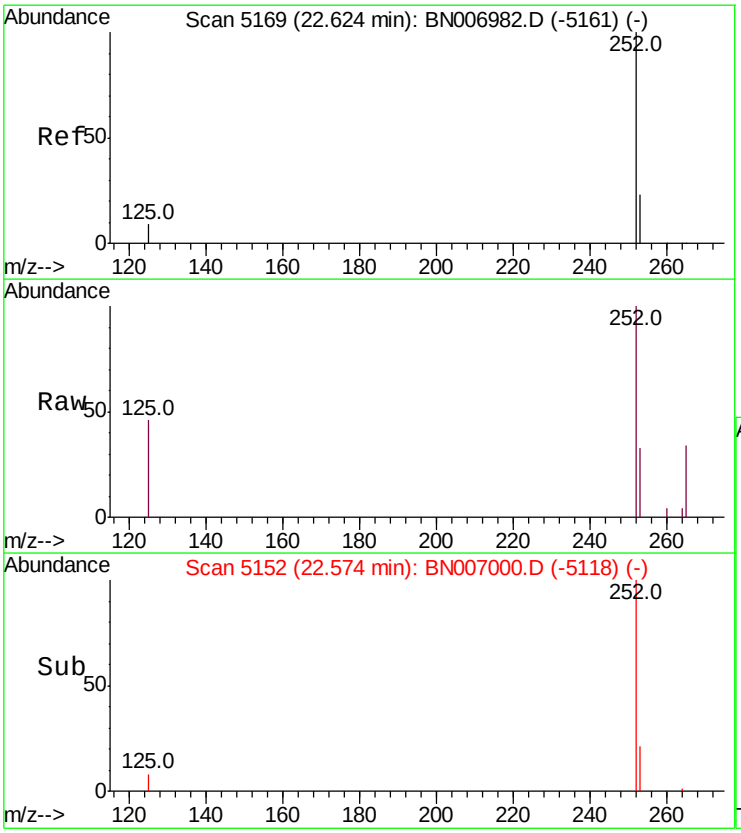
#21
Benzo(b)fluoranthene
Concen: 0.081 ng/ul
RT: 22.57 min Scan# 5152
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10722

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	45.2
125	46.2	0.0	22.2#

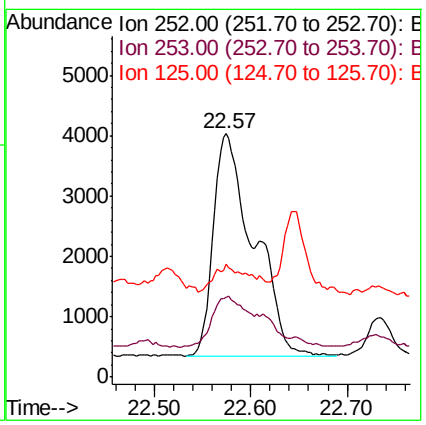


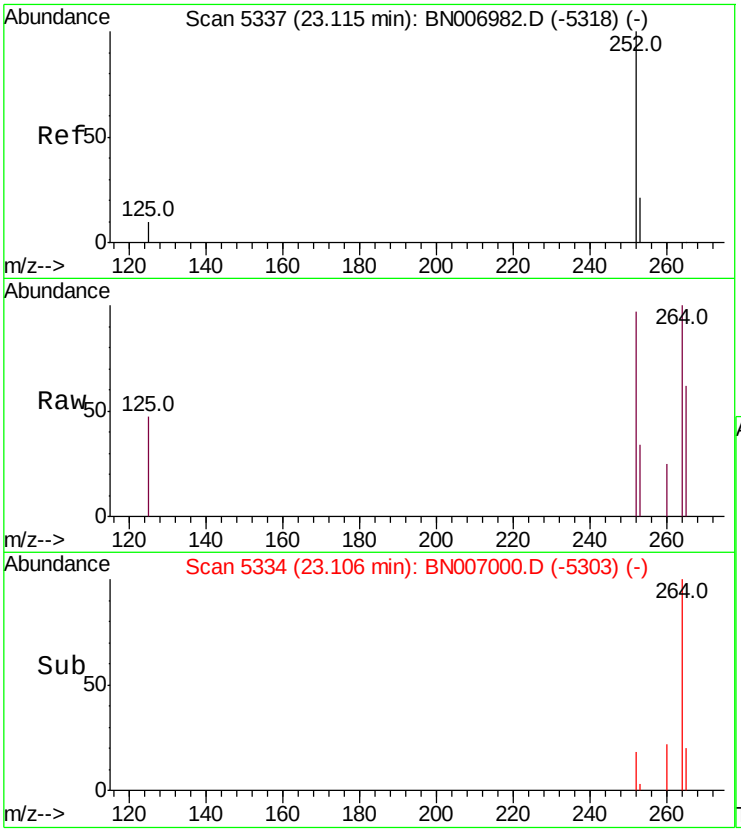


#22
Benzo(k)fluoranthene
Concen: 0.084 ng/ul
RT: 22.57 min Scan# 5152
Delta R.T. -0.05 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Tgt Ion:252 Resp: 10722

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.6	28.0#
125	46.2	8.7	13.1#



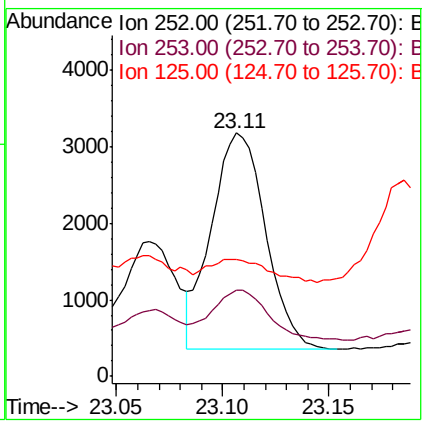


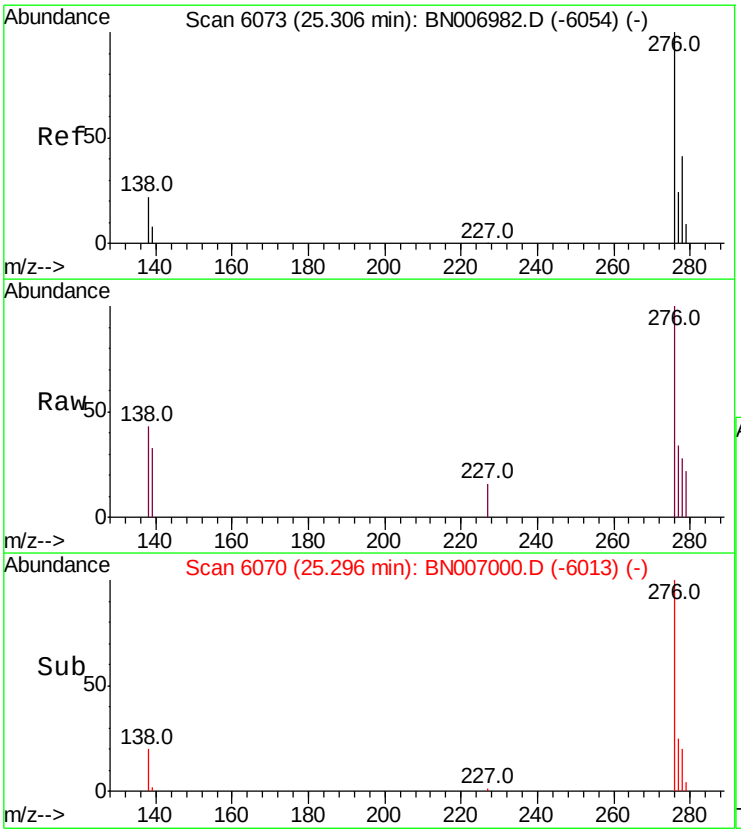
#23
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.11 min Scan# 5334
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5019

Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.0	27.0#
125	48.3	10.0	15.0#

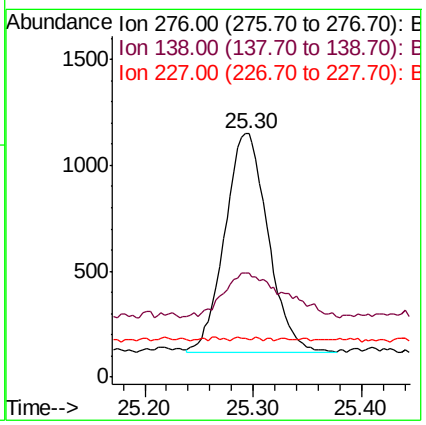


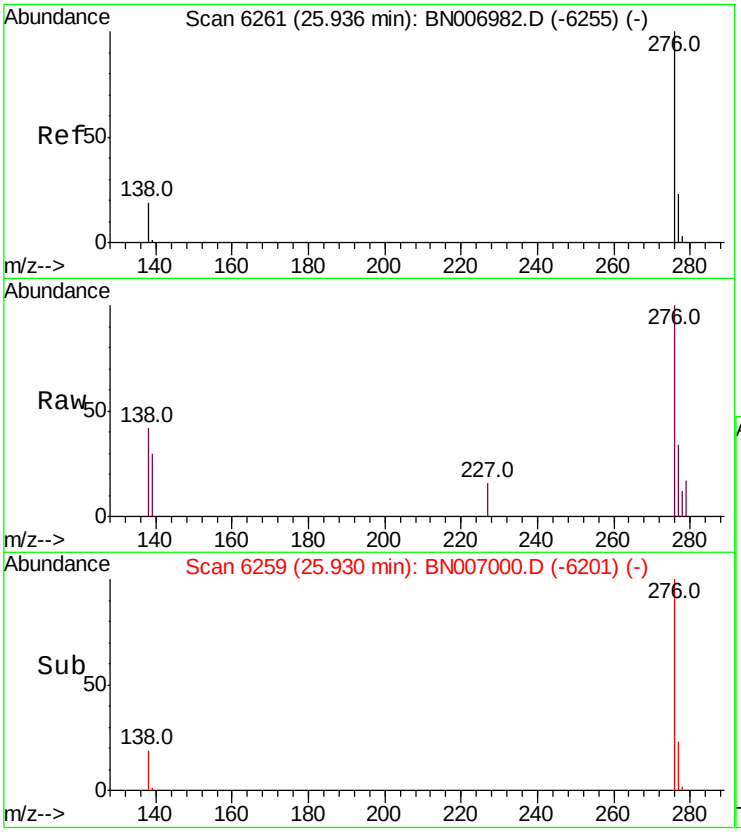


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.30 min Scan# 6070
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Tgt Ion:276 Resp: 2844

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.9	29.9#
227	0.4	0.2	0.4#





#26
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 25.93 min Scan# 6259
Delta R.T. -0.01 min
Lab File: BN007000.D
Acq: 07 Aug 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 2947

Ion	Ratio	Lower	Upper
276	100		
138	41.6	18.7	28.1#
277	33.5	19.3	28.9#