Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008928.D
Acq On : 11 Dec 2019 21:45
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2407	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6751	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15718	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13921	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15252	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3001	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9395	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	11.98	142	511	0.023	ng/ul	98
12) Phenanthrene	16.97	178	2464	0.046	ng/ul	95
15) Fluoranthene	19.00	202	2528	0.039	ng/ul	94
17) Pyrene	19.36	202	2358	0.042	ng/ul#	90
18) Benzo(a)anthracene	21.12	228	1252	0.022	ng/ul#	84
19) Chrysene	21.17	228	2560	0.047	ng/ul#	90
21) Benzo(b)fluoranthene	22.65	252	3777	0.060	ng/ul#	39
22) Benzo(k)fluoranthene	22.65	252	3777	0.061	ng/ul#	41
26) Benzo(g,h,i)perylene	26.03	276	1306	0.023	ng/ul#	66

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

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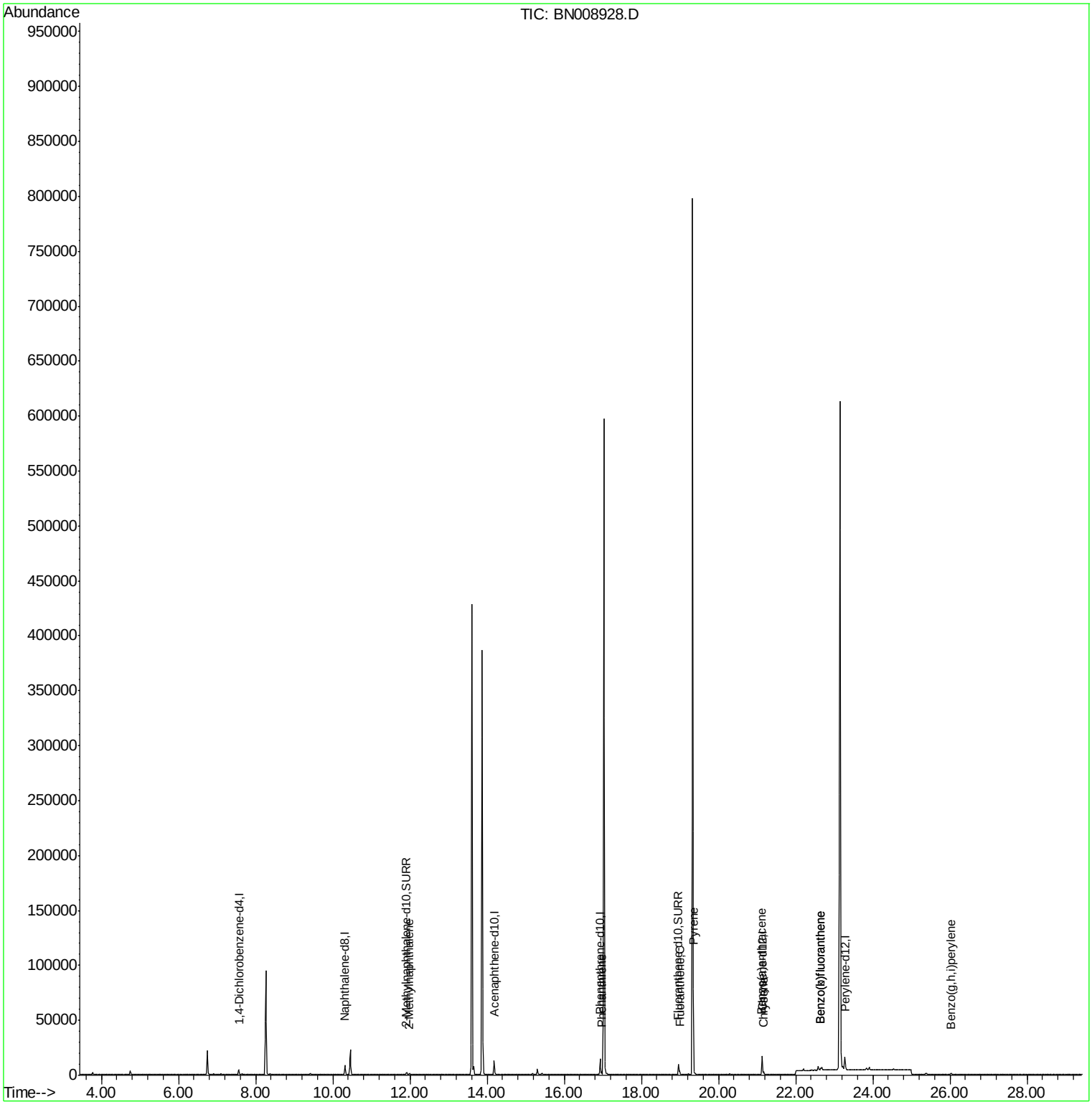
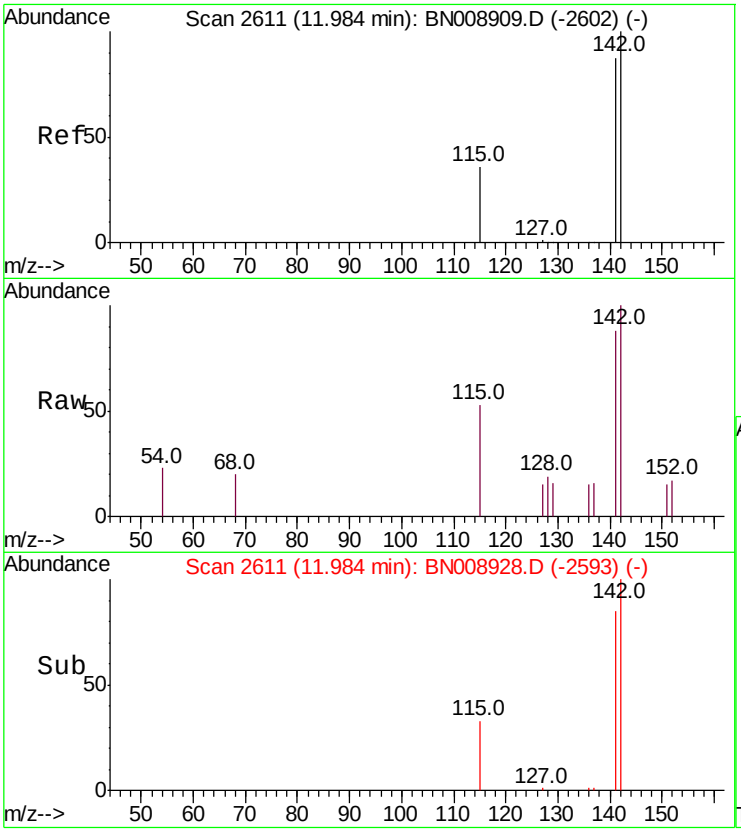


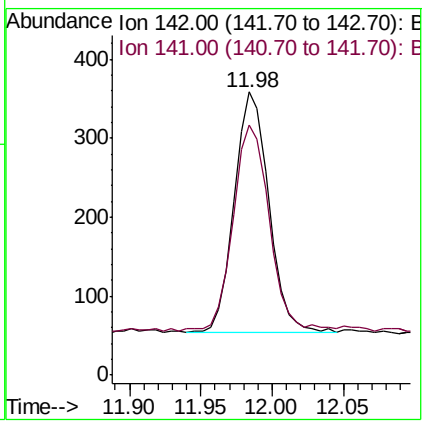


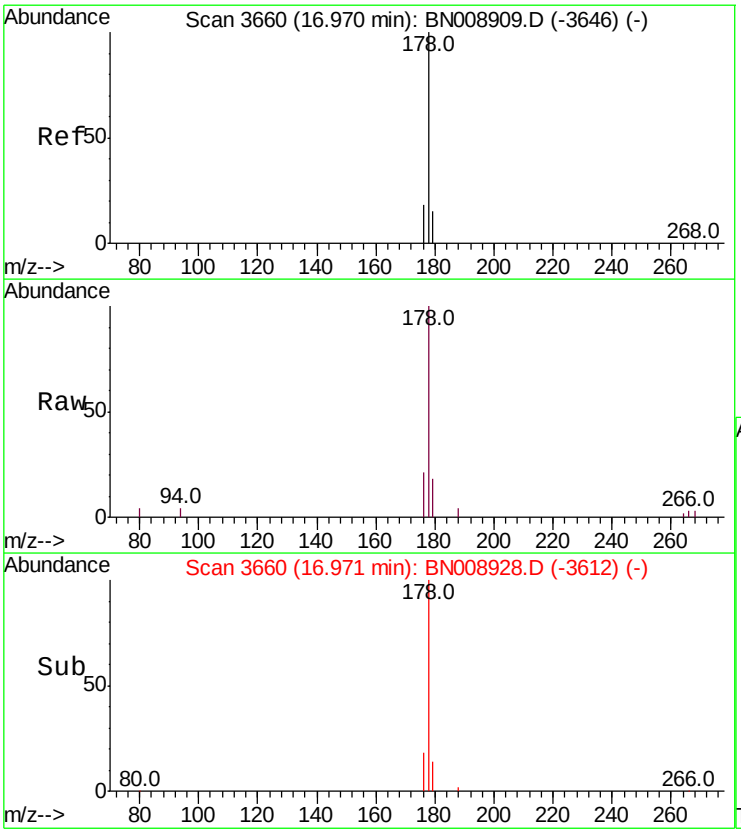
#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 511

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.1	105.1

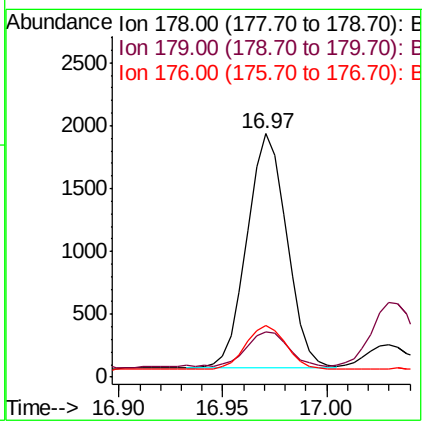


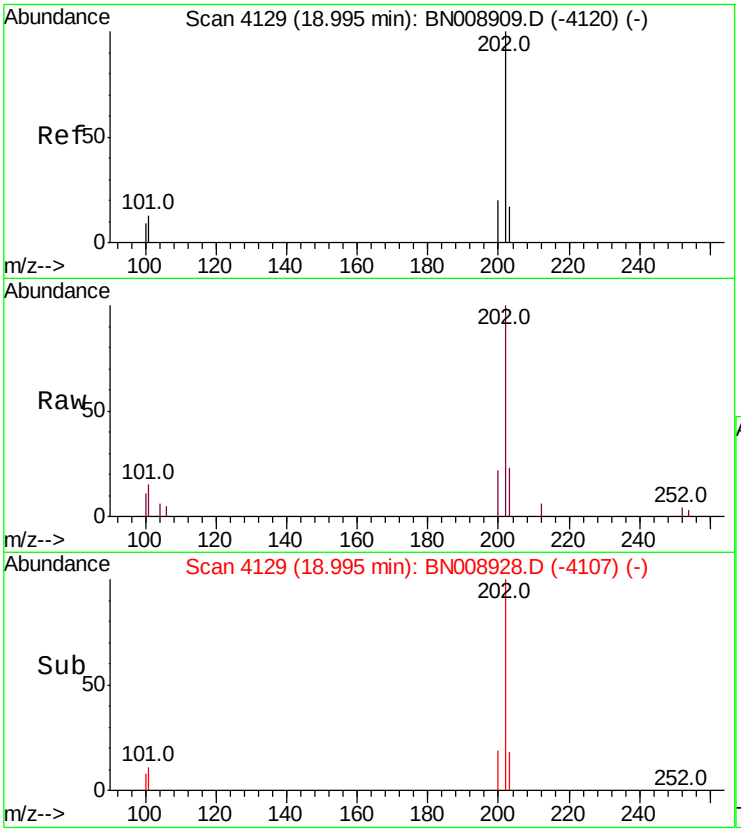


#12
Phenanthrene
Concen: 0.046 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Tgt Ion:178 Resp: 2464

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.6	18.8
176	21.0	15.3	22.9



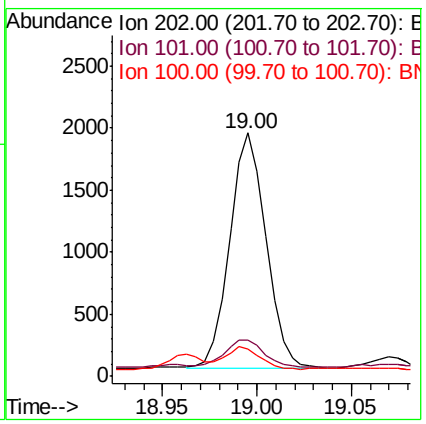


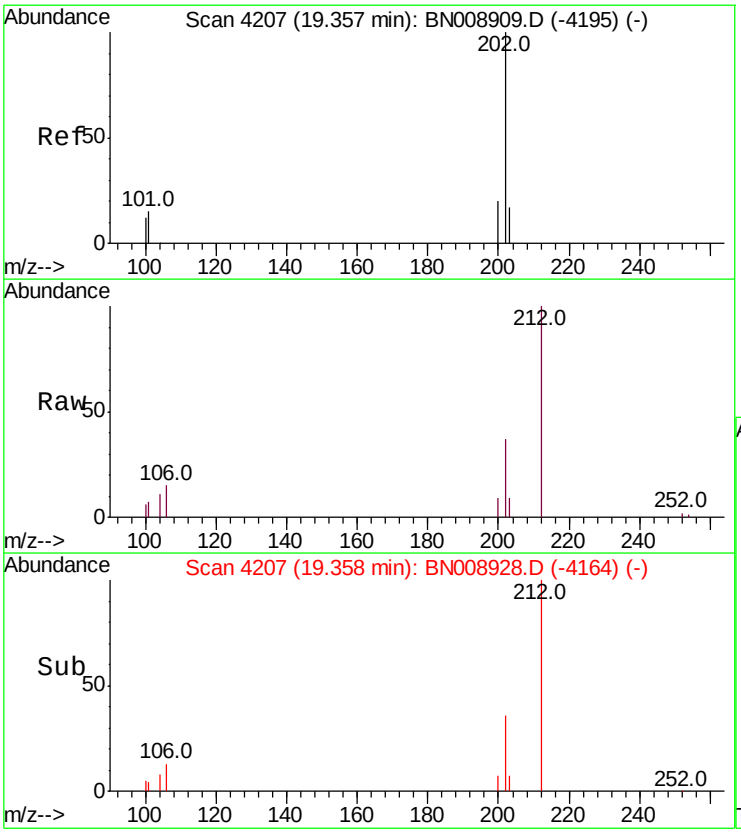
#15
Fluoranthene
Concen: 0.039 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2528

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.4
100	11.0	0.0	29.2

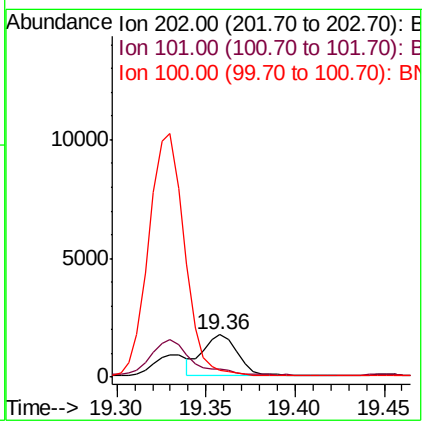


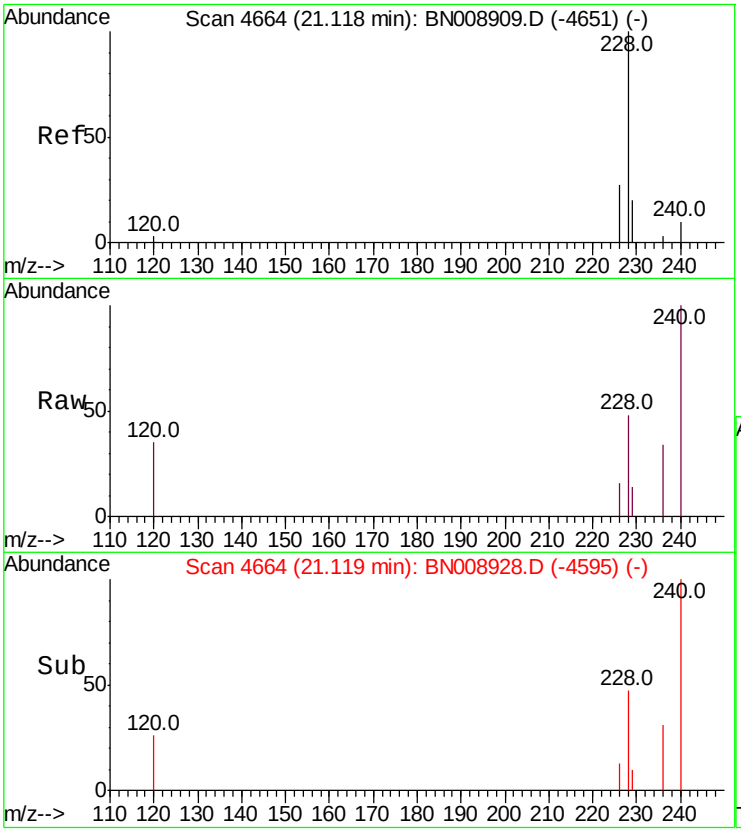


#17
Pyrene
Concen: 0.042 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Tgt Ion:202 Resp: 2358

Ion	Ratio	Lower	Upper
202	100		
101	18.7	12.2	18.4#
100	16.7	9.5	14.3#



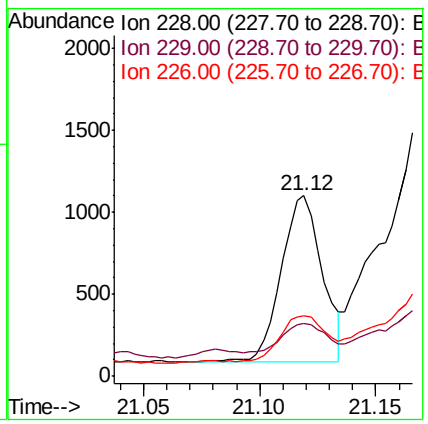


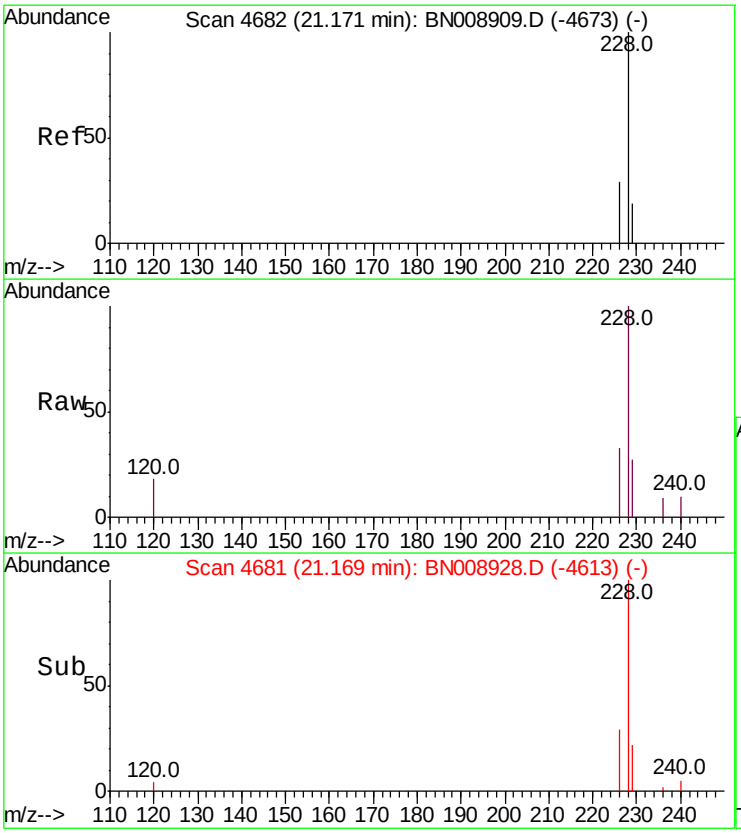
#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1252

Ion	Ratio	Lower	Upper
228	100		
229	28.9	15.7	23.5#
226	33.8	21.5	32.3#

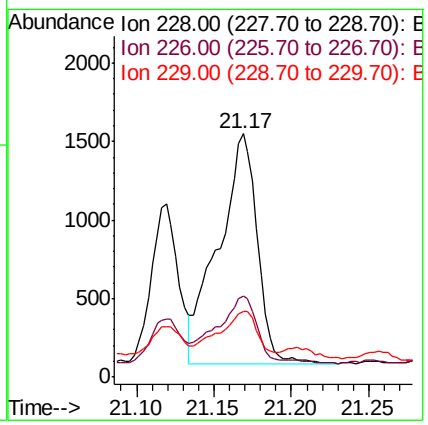


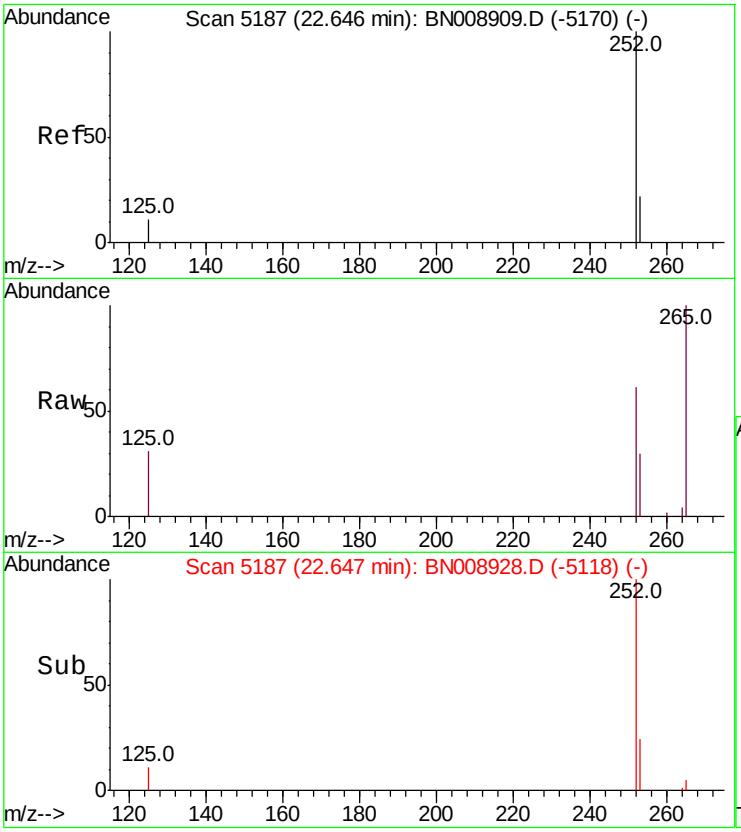


#19
Chrysene
Concen: 0.047 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Tgt Ion:228 Resp: 2560

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.8	35.6
229	26.8	15.6	23.4#



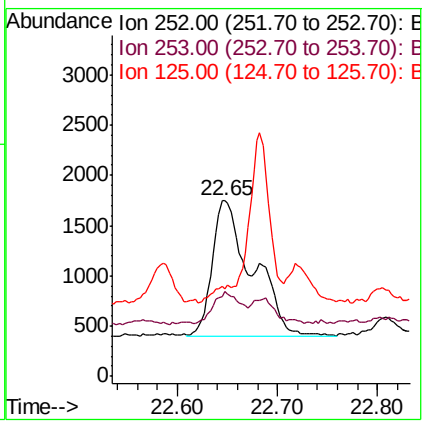


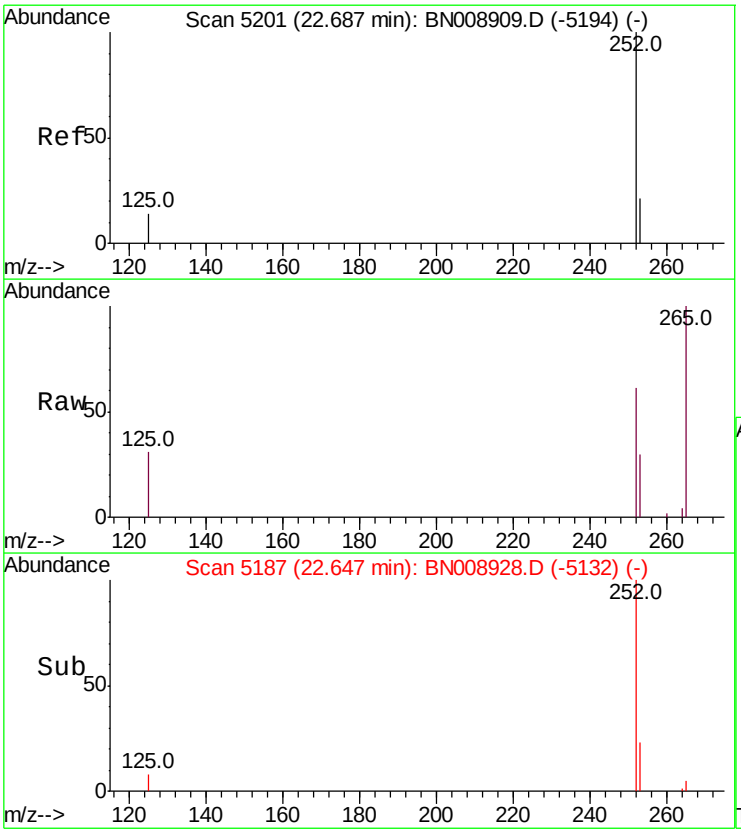
#21
Benzo(b)fluoranthene
Concen: 0.060 ng/ul
RT: 22.65 min Scan# 5187
Delta R.T. 0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3777

Ion	Ratio	Lower	Upper
252	100		
253	48.1	0.0	48.6
125	49.9	0.0	31.6#

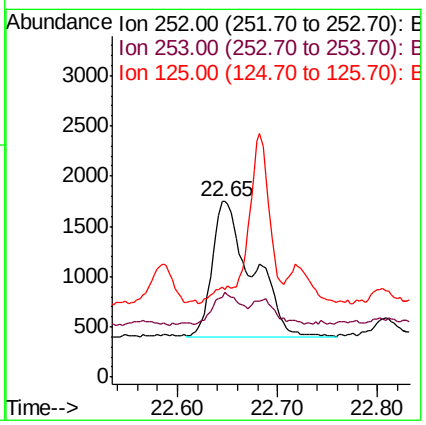


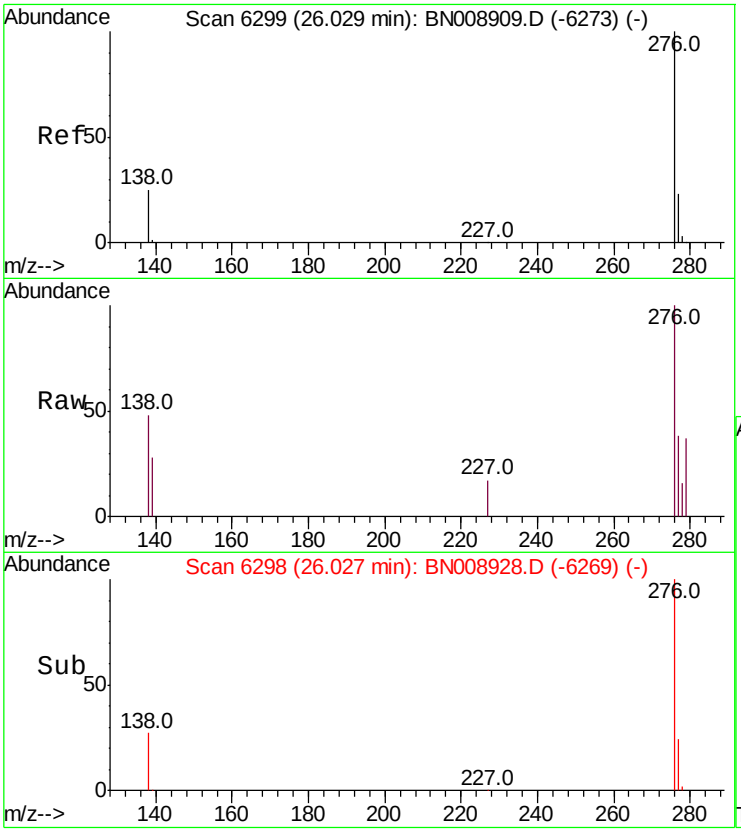


#22
Benzo(k)fluoranthene
Concen: 0.061 ng/ul
RT: 22.65 min Scan# 5187
Delta R.T. -0.04 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Tgt Ion:252 Resp: 3777

Ion	Ratio	Lower	Upper
252	100		
253	48.1	19.6	29.4#
125	49.9	13.8	20.6#





#26
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008928.D
Acq: 11 Dec 2019 21:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1306

Ion	Ratio	Lower	Upper
276	100		
138	48.3	21.9	32.9#
277	38.1	19.9	29.9#