Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121618\

Quantitation Report (Not Reviewed)

Data File : BN004014.D
Acq On : 17 Dec 2018 02:27
Operator : JU/SJ
Sample : J6236-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F18

Quant Time: Dec 17 06:26:00 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2052	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	770444	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	20	0.40	ng/ul	0.12
20) Perylene-d12	23.97	264	68	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3741	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	2142	0.074	ng/ul#	88
17) Pyrene	19.64	202	15533	216.542	ng/ul	95
18) Benzo(a)anthracene	21.38	228	8984	142.221	ng/ul	94
19) Chrysene	21.55	228	860	11.896	ng/ul#	21
21) Benzo(b)fluoranthene	23.19	252	1984	7.053	ng/ul#	30
22) Benzo(k)fluoranthene	23.19	252	1962	7.160	ng/ul#	31
23) Benzo(a)pyrene	23.85	252	27	0.111	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	278	0.995	ng/ul#	33
25) Dibenzo(a,h)anthracene	26.35	278	1139	5.066	ng/ul#	16
26) Benzo(g,h,i)perylene	27.05	276	151	0.622	ng/ul#	1

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

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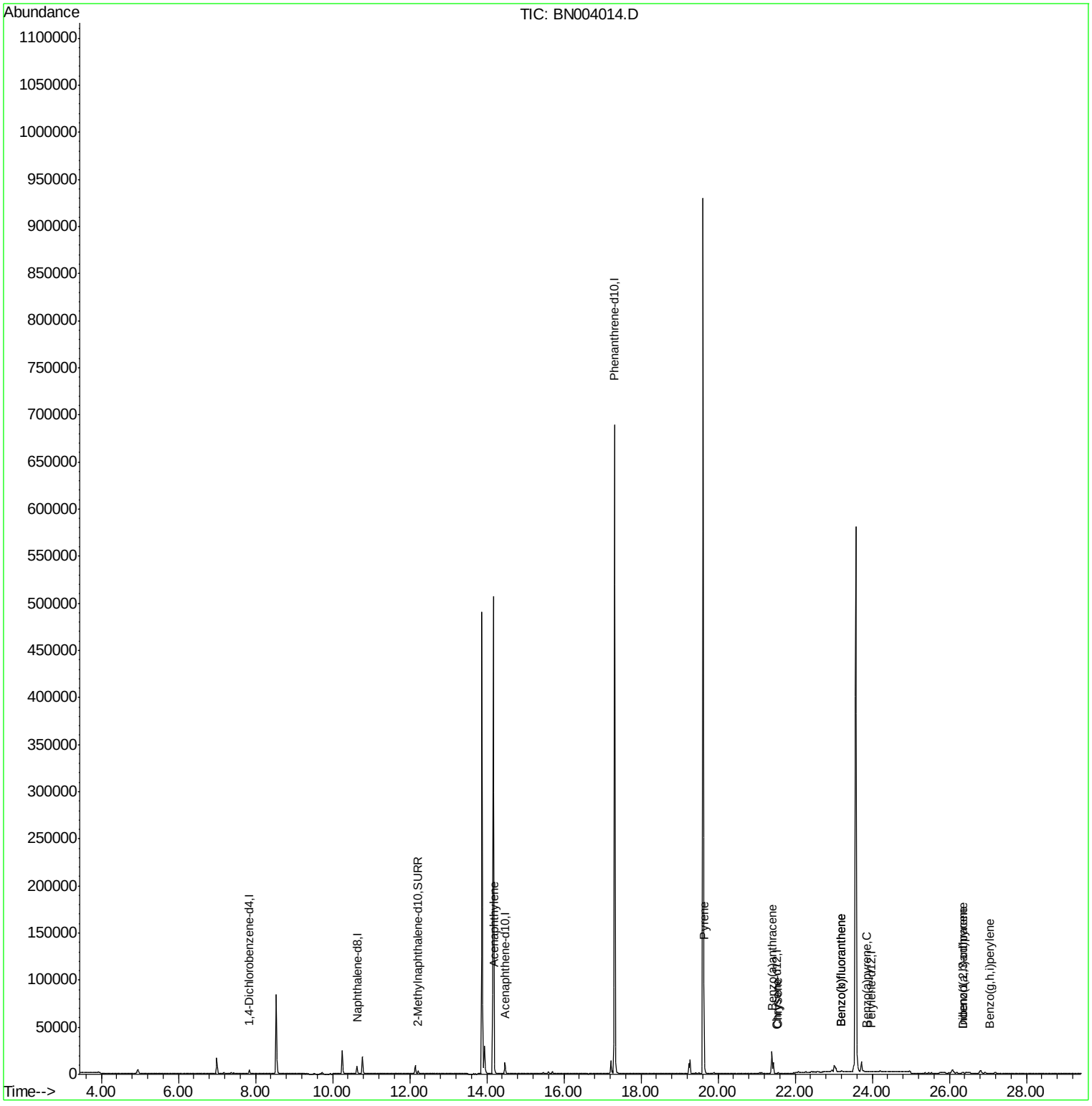
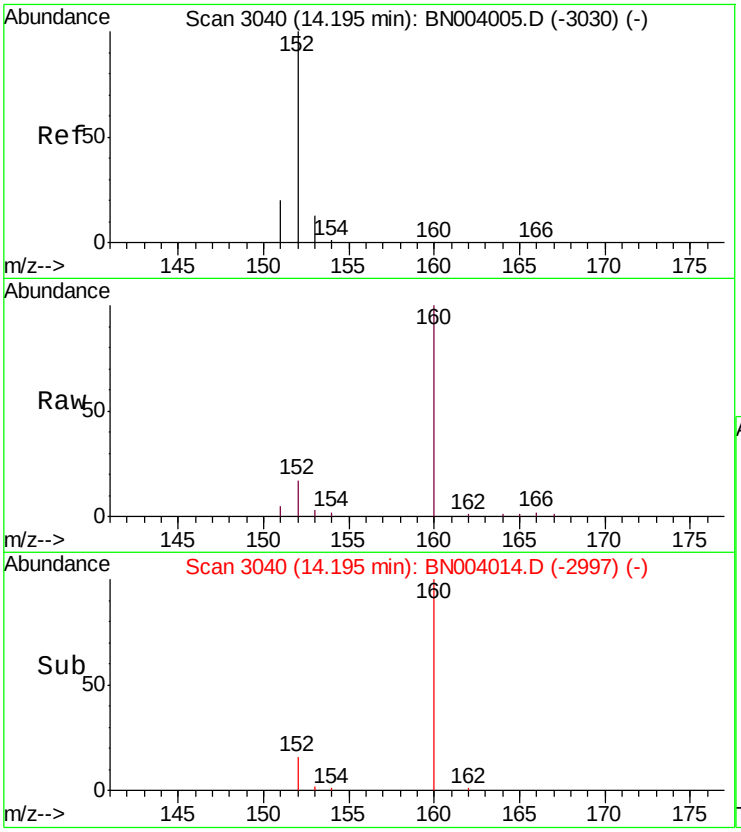
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration



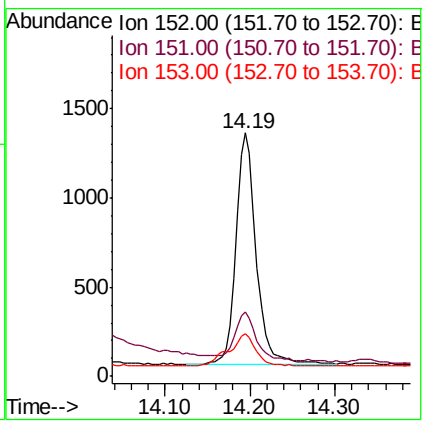


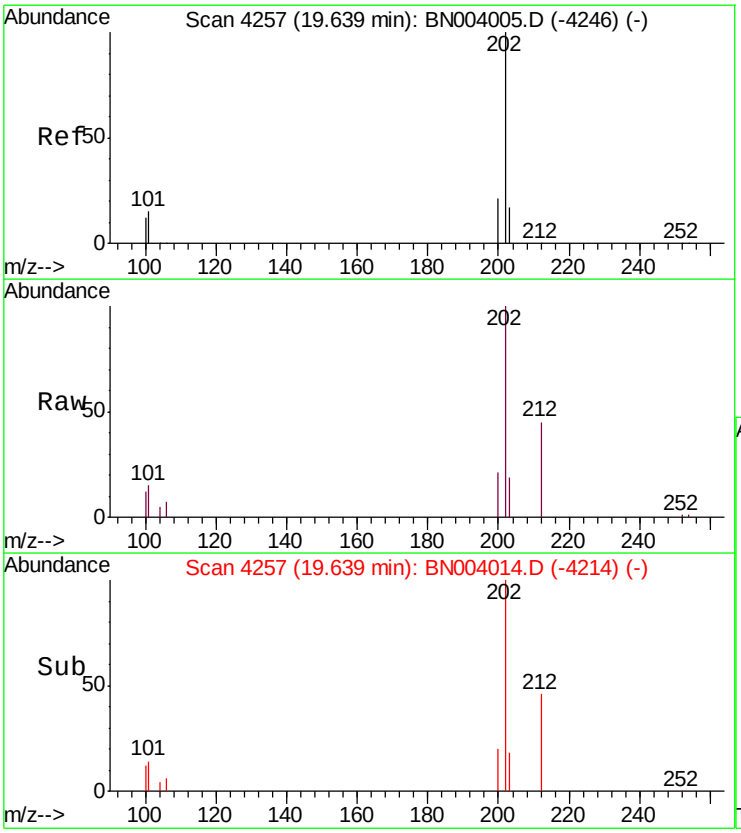
#7
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Instrument :
BNA_N
ClientSampleId :
F9F18

Tgt Ion:152 Resp: 2142

Ion	Ratio	Lower	Upper
152	100		
151	26.4	15.9	23.9#
153	17.4	10.7	16.1#

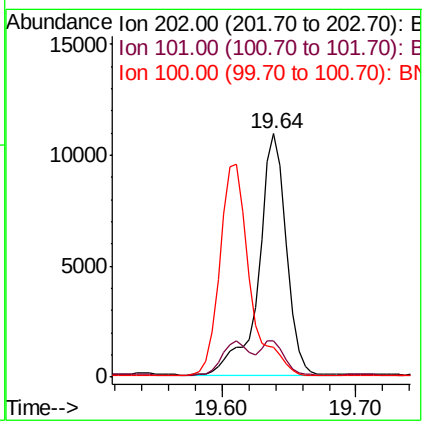


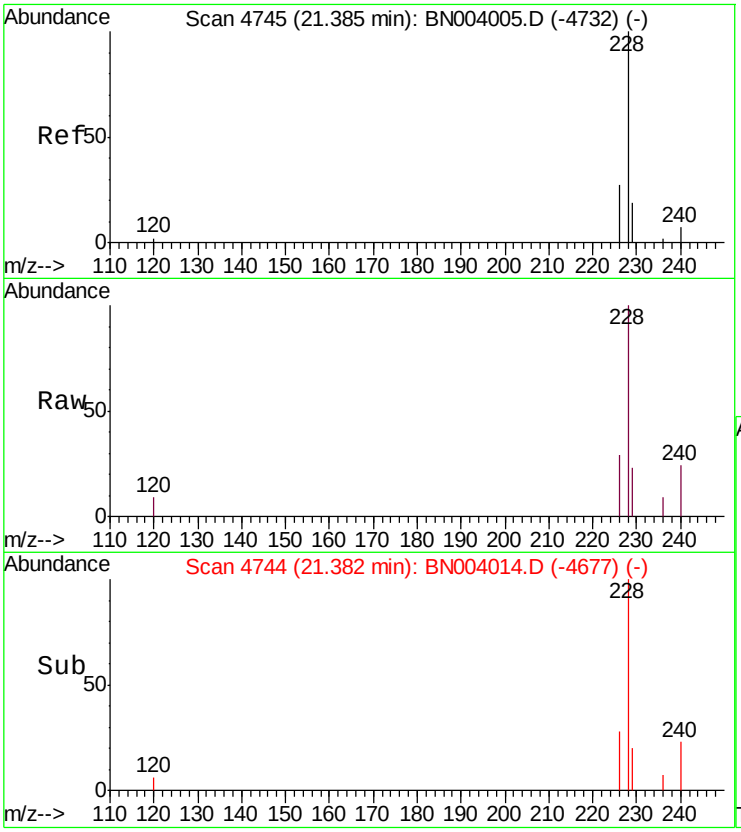


#17
Pyrene
Concen: 216.542 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:202 Resp: 15533

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	12.1	8.5	12.7



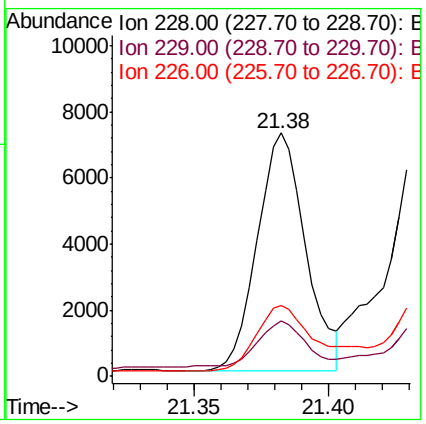


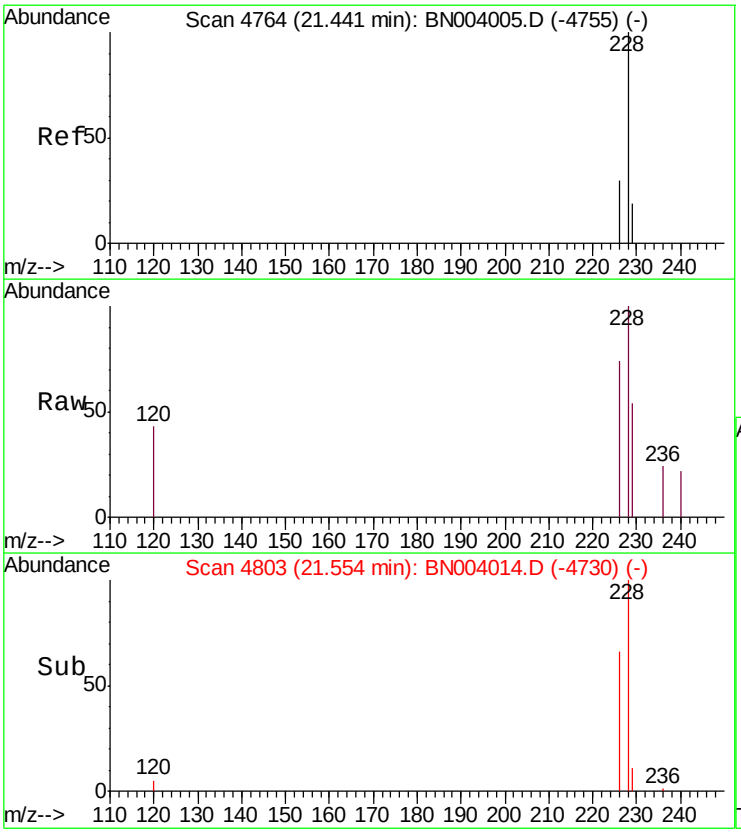
#18
Benzo(a)anthracene
Concen: 142.221 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Instrument :
BNA_N
ClientSampleId :
F9F18

Tgt Ion:228 Resp: 8984

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.6	23.4
226	29.3	21.1	31.7

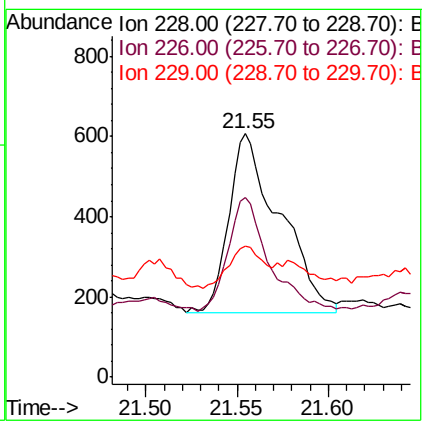


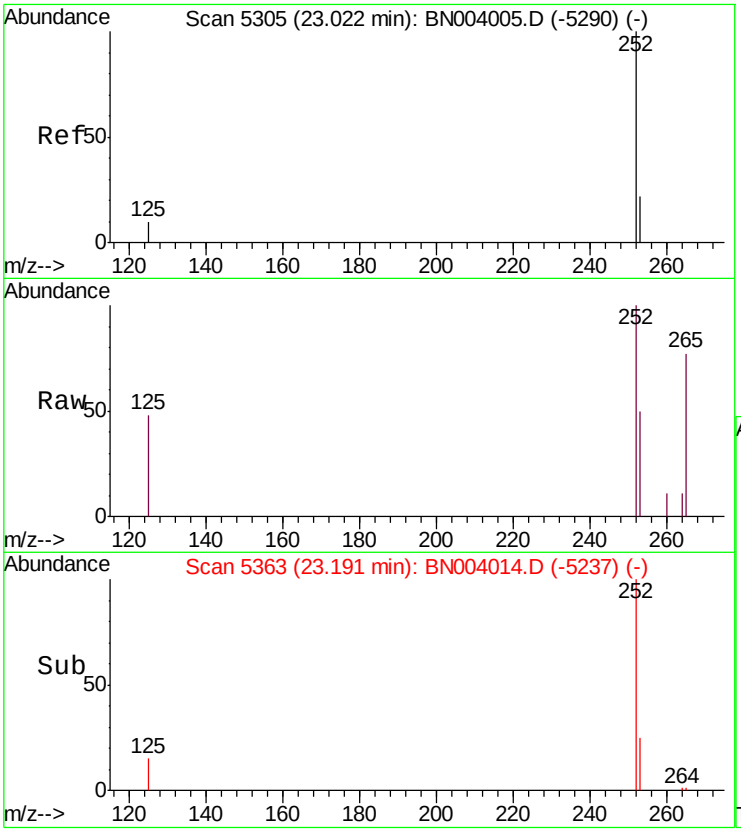


#19
Chrysene
Concen: 11.896 ng/ul
RT: 21.55 min Scan# 4803
Delta R.T. 0.11 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:228 Resp: 860

Ion	Ratio	Lower	Upper
228	100		
226	74.0	24.0	36.0#
229	54.0	15.7	23.5#



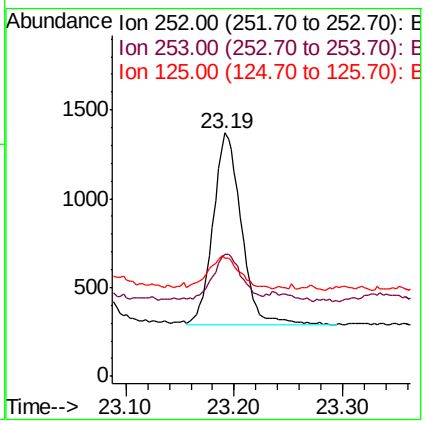


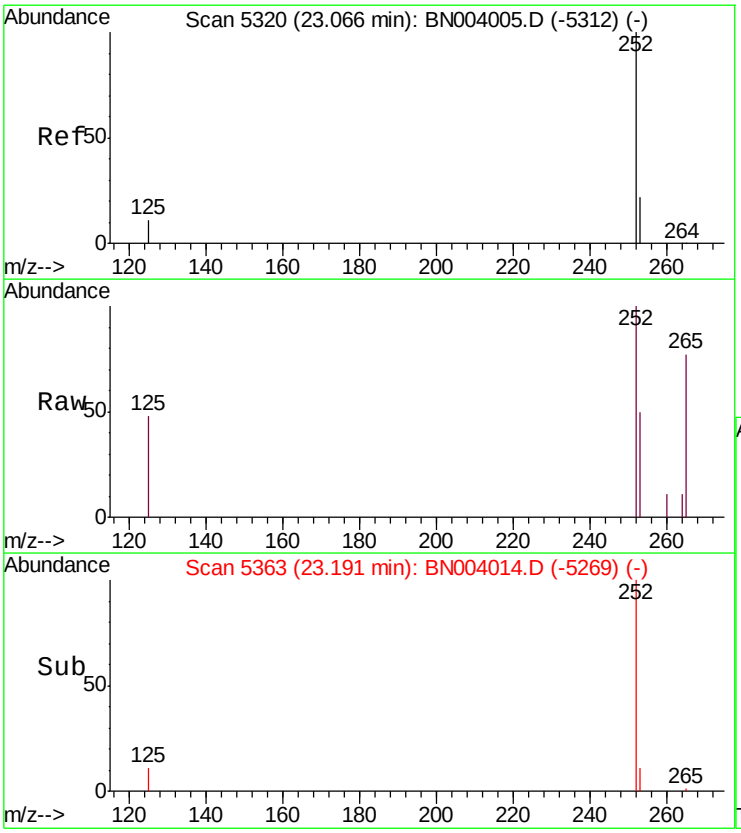
#21
Benzo(b)fluoranthene
Concen: 7.053 ng/ul
RT: 23.19 min Scan# 5363
Delta R.T. 0.17 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Instrument :
BNA_N
ClientSampleId :
F9F18

Tgt Ion:252 Resp: 1984

Ion	Ratio	Lower	Upper
252	100		
253	50.1	0.0	46.0#
125	48.4	0.0	22.4#

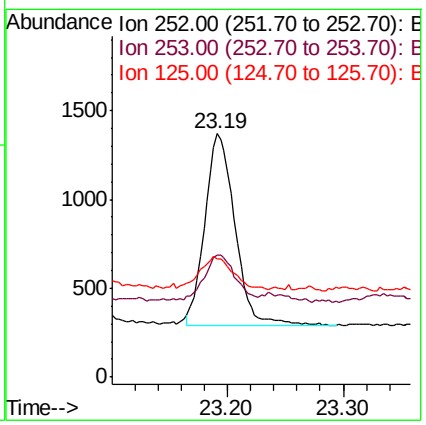


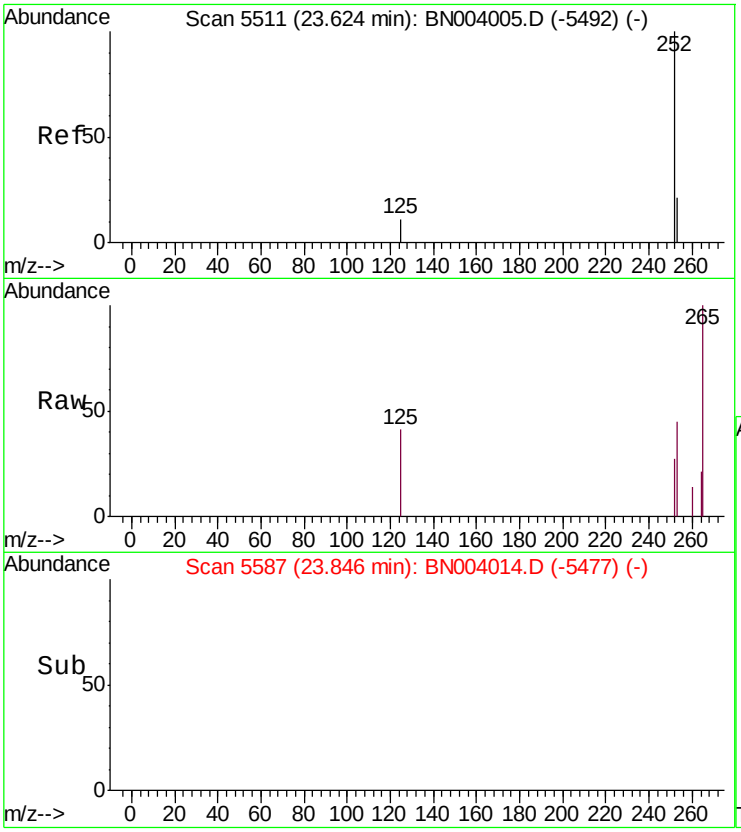


#22
Benzo(k)fluoranthene
Concen: 7.160 ng/ul
RT: 23.19 min Scan# 5363
Delta R.T. 0.13 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:252 Resp: 1962

Ion	Ratio	Lower	Upper
252	100		
253	50.1	18.5	27.7#
125	48.4	9.0	13.6#



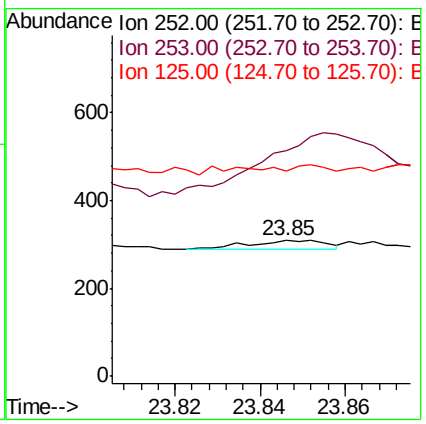


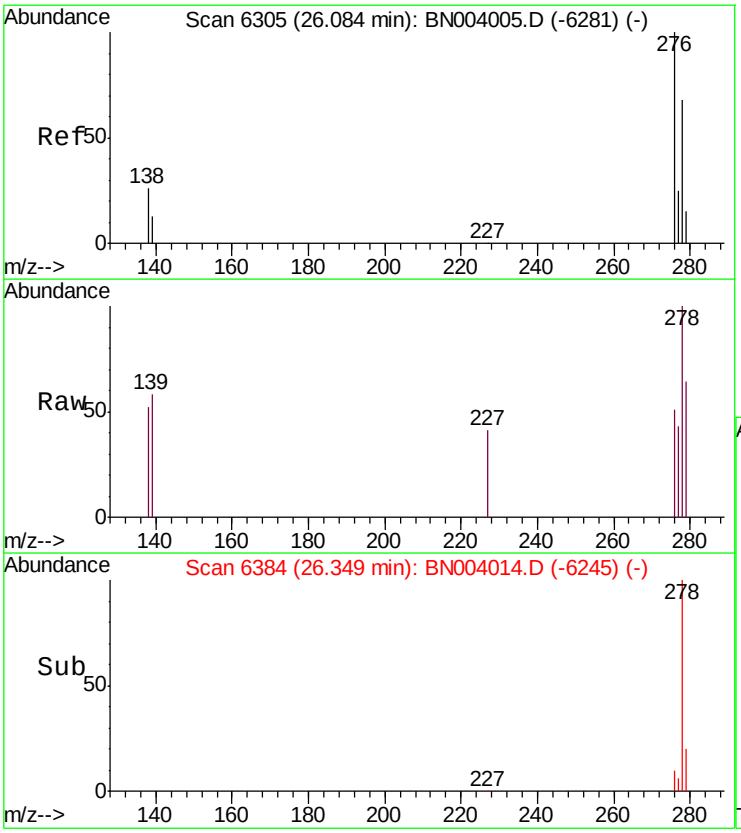
#23
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.85 min Scan# 5587
Delta R.T. 0.22 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Instrument :
BNA_N
ClientSampleId :
F9F18

Tgt Ion:252 Resp: 27

Ion	Ratio	Lower	Upper
252	100		
253	166.0	19.0	28.4#
125	151.5	10.2	15.4#

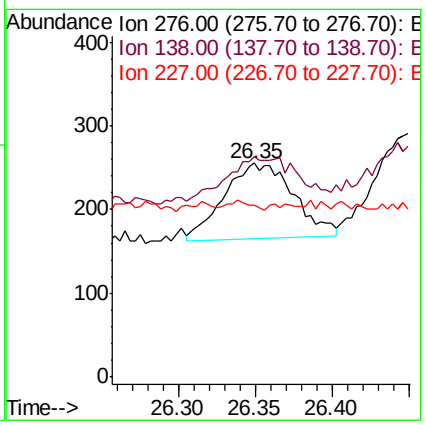


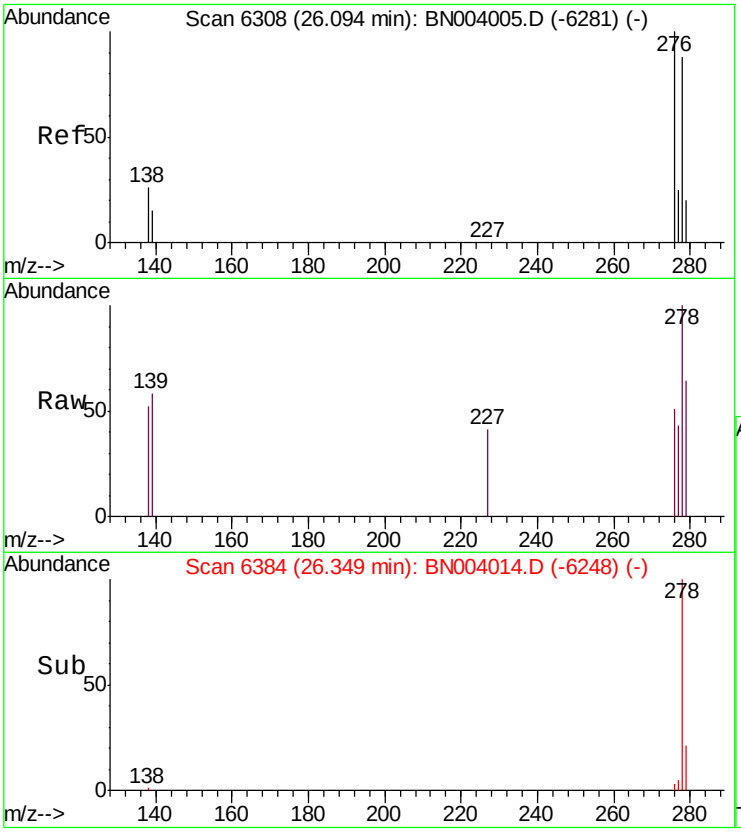


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.995 ng/ul
RT: 26.35 min Scan# 6384
Delta R.T. 0.26 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:276 Resp: 278

Ion	Ratio	Lower	Upper
276	100		
138	59.7	20.3	30.5#
227	4.0	0.2	0.2#



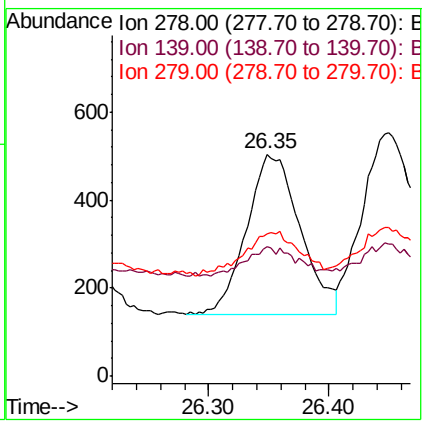


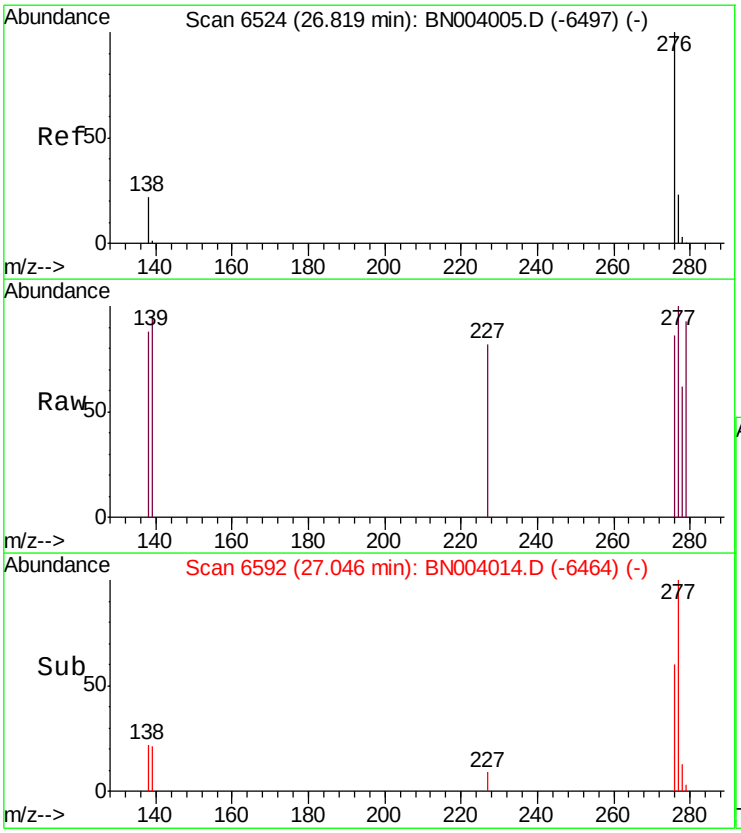
#25
Dibenzo(a,h)anthracene
Concen: 5.066 ng/ul
RT: 26.35 min Scan# 6384
Delta R.T. 0.25 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Instrument :
BNA_N
ClientSampleId :
F9F18

Tgt Ion:278 Resp: 1139

Ion	Ratio	Lower	Upper
278	100		
139	58.1	14.2	21.4#
279	64.1	19.8	29.6#





#26
Benzo(g,h,i)perylene
Concen: 0.622 ng/ul
RT: 27.05 min Scan# 6592
Delta R.T. 0.23 min
Lab File: BN004014.D
Acq: 17 Dec 2018 02:27

Tgt Ion:276 Resp: 151

Ion	Ratio	Lower	Upper
276	100		
138	101.9	17.7	26.5#
277	116.4	19.3	28.9#