Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (Not Reviewed)

Data File : BN004054.D
Acq On : 18 Dec 2018 02:03
Operator : JU/SJ
Sample : J6270-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E01

Quant Time: Dec 18 06:38:15 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1578	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	790850	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	31	0.40	ng/ul	0.12
20) Perylene-d12	23.91	264	55	0.40	ng/ul	0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3464	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
7) Acenaphthylene	14.19	152	8023	0.382	ng/ul	98
8) Acenaphthene	14.53	153	565	0.031	ng/ul#	93
9) Fluorene	15.52	166	1031	0.048	ng/ul#	96
17) Pyrene	19.64	202	41348	371.886	ng/ul	96
18) Benzo(a)anthracene	21.38	228	27408	279.923	ng/ul	92
19) Chrysene	21.57	228	2477	22.106	ng/ul#	25
21) Benzo(b)fluoranthene	23.02	252	68932	302.980	ng/ul	90
22) Benzo(k)fluoranthene	23.19	252	8295	37.424	ng/ul#	44
23) Benzo(a)pyrene	23.77	252	8613	43.717	ng/ul#	40
24) Indeno(1,2,3-cd)pyrene	26.36	276	651	2.881	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.36	278	3424	18.830	ng/ul#	1
26) Benzo(g,h,i)perylene	27.04	276	1010	5.144	ng/ul#	1

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

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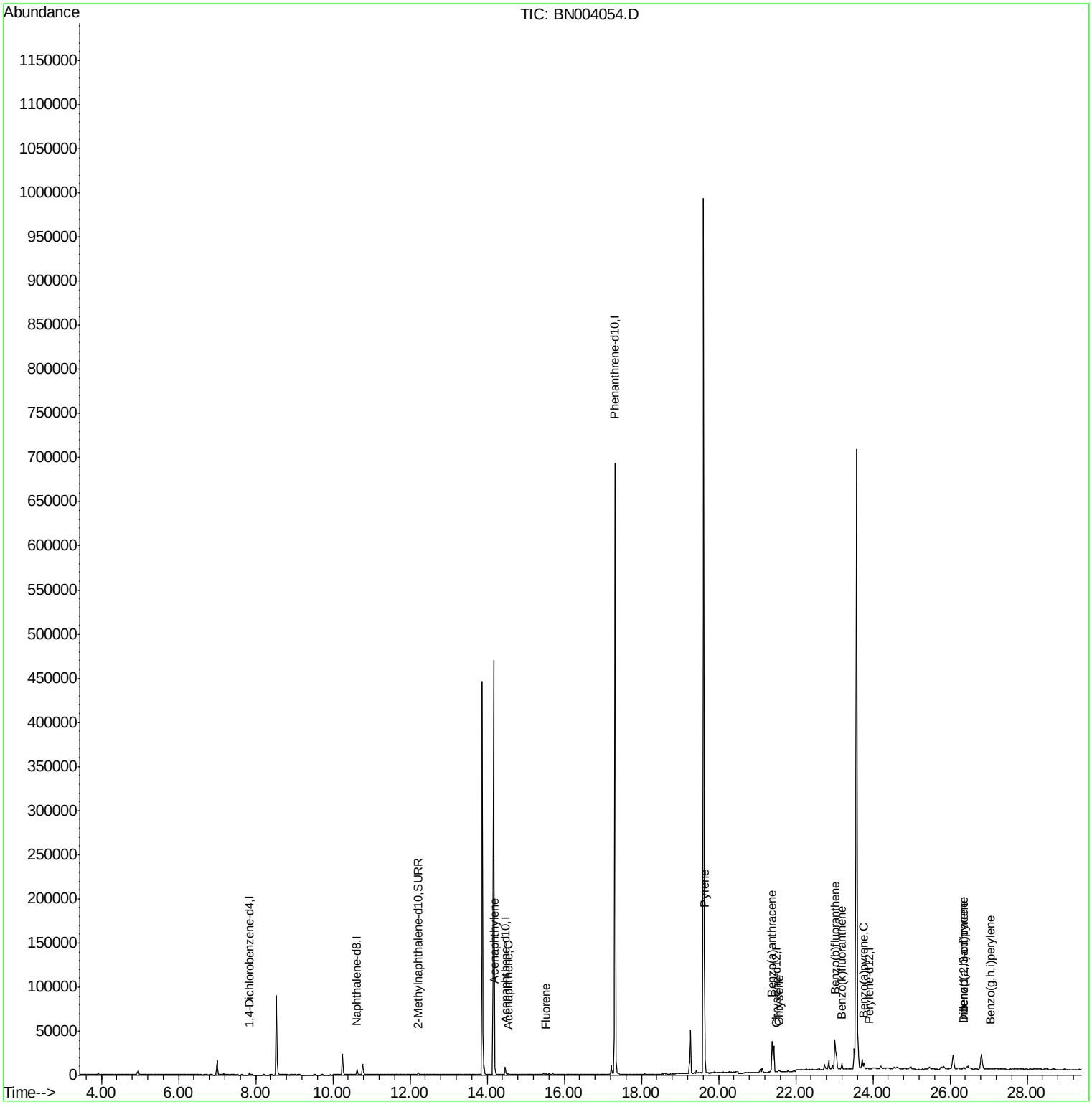
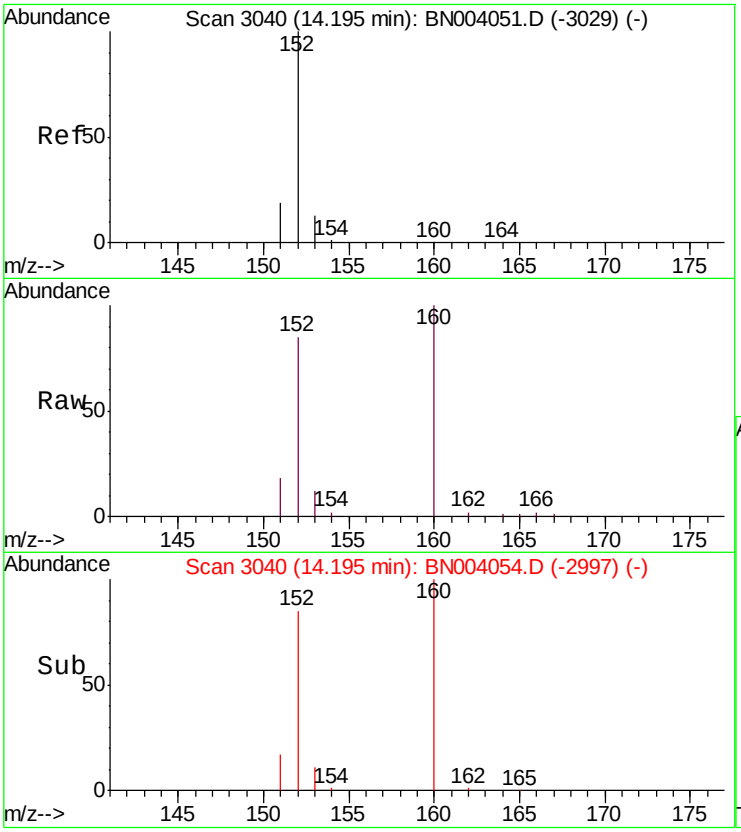
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration



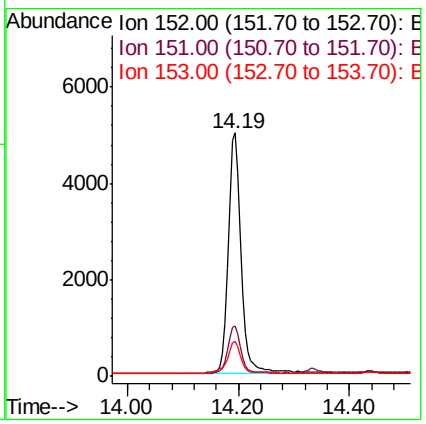


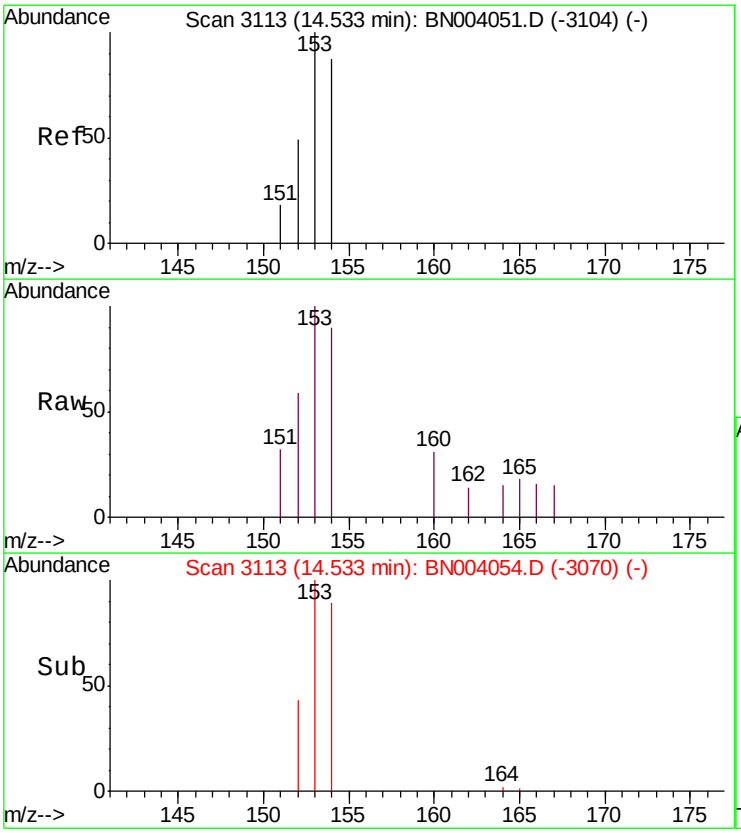
#7
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:152 Resp: 8023

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	14.3	10.7	16.1

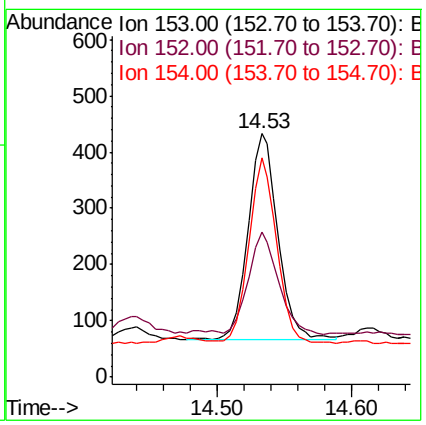


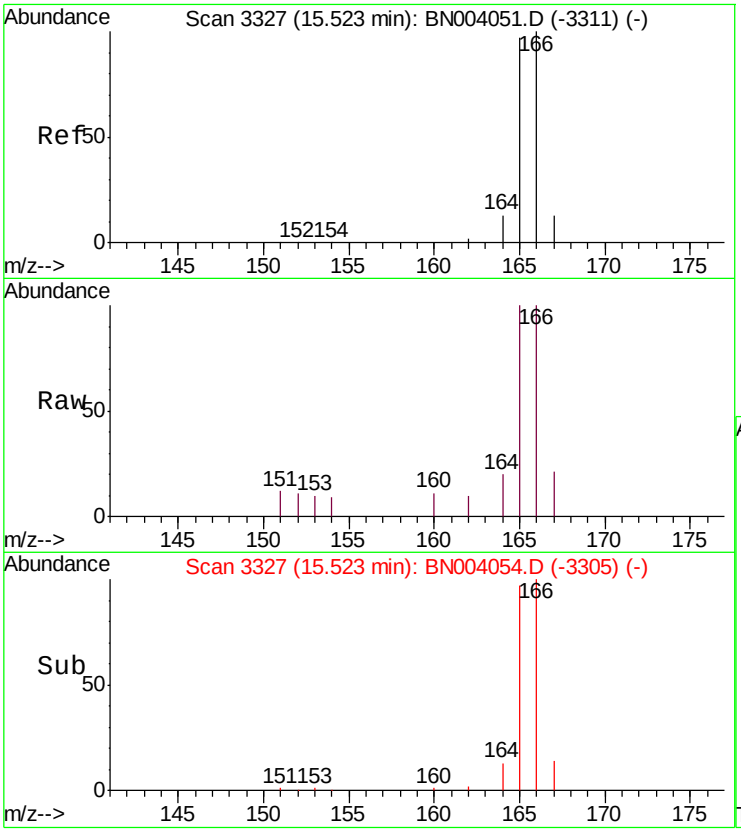


#8
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.53 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:153 Resp: 565

Ion	Ratio	Lower	Upper
153	100		
152	59.4	39.3	58.9#
154	90.3	70.3	105.5



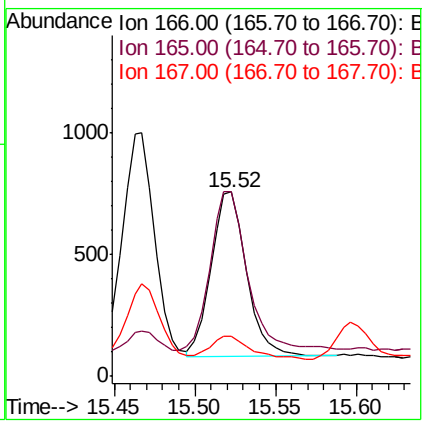


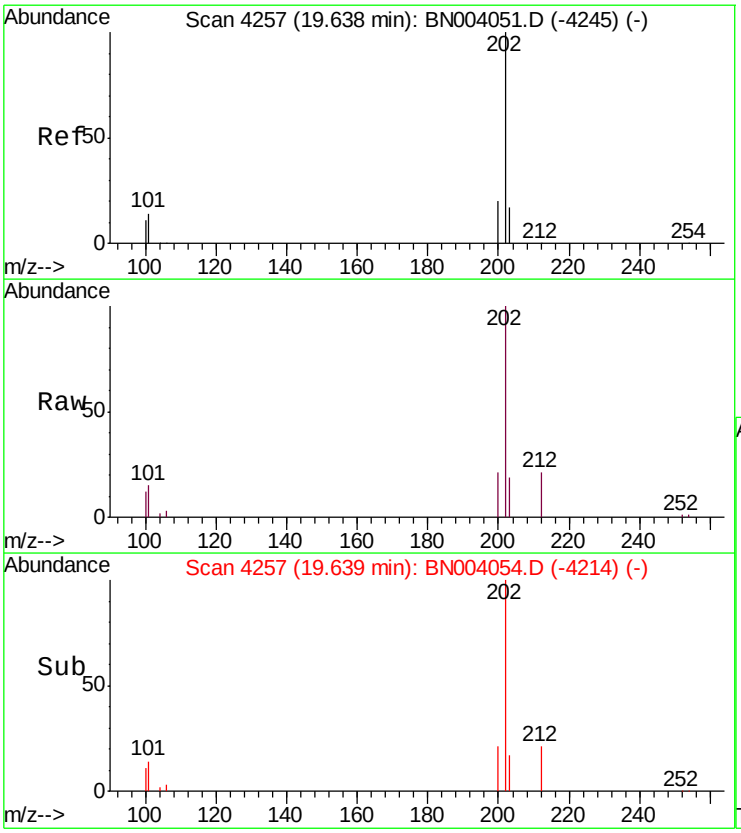
#9
Fluorene
Concen: 0.048 ng/ul
RT: 15.52 min Scan# 3327
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:166 Resp: 1031

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.3	117.5
167	21.4	11.3	16.9#

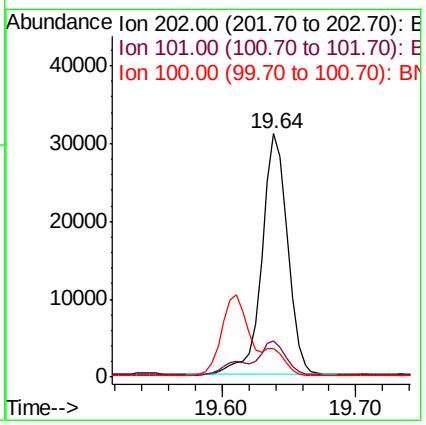


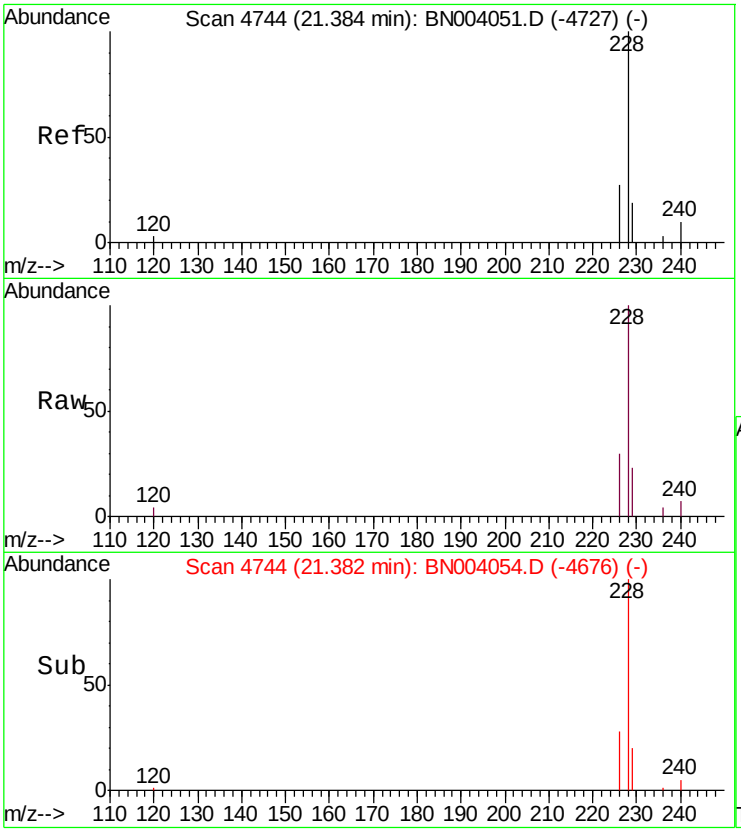


#17
Pyrene
Concen: 371.886 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:202 Resp: 41348

Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.3	15.5
100	11.8	8.5	12.7



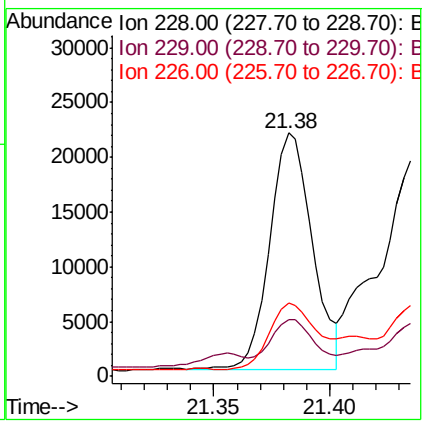


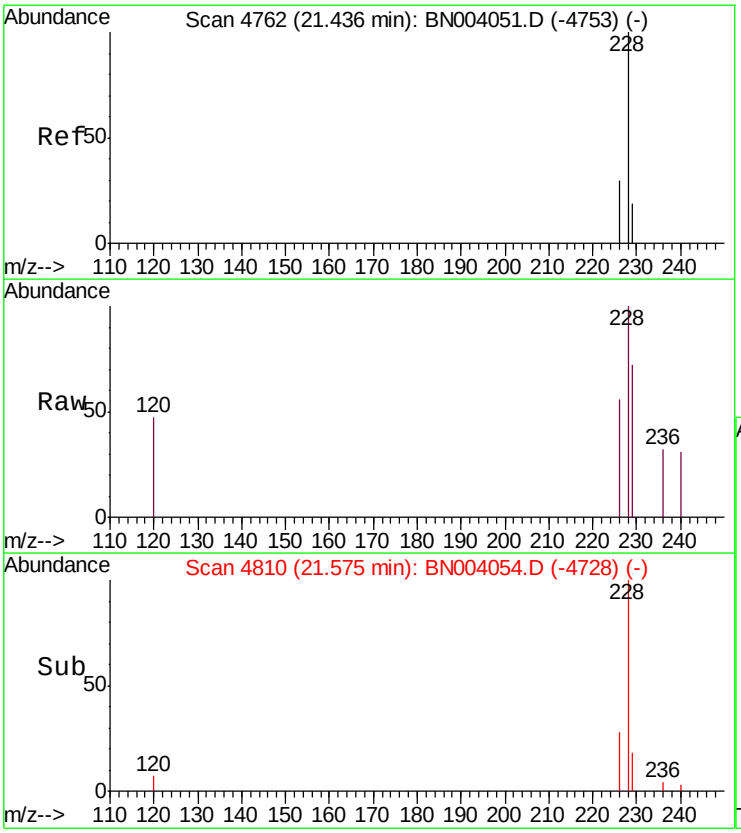
#18
Benzo(a)anthracene
Concen: 279.923 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:228 Resp: 27408

Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.6	23.4
226	30.1	21.1	31.7

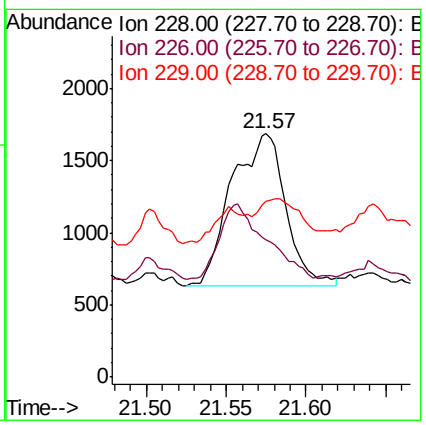


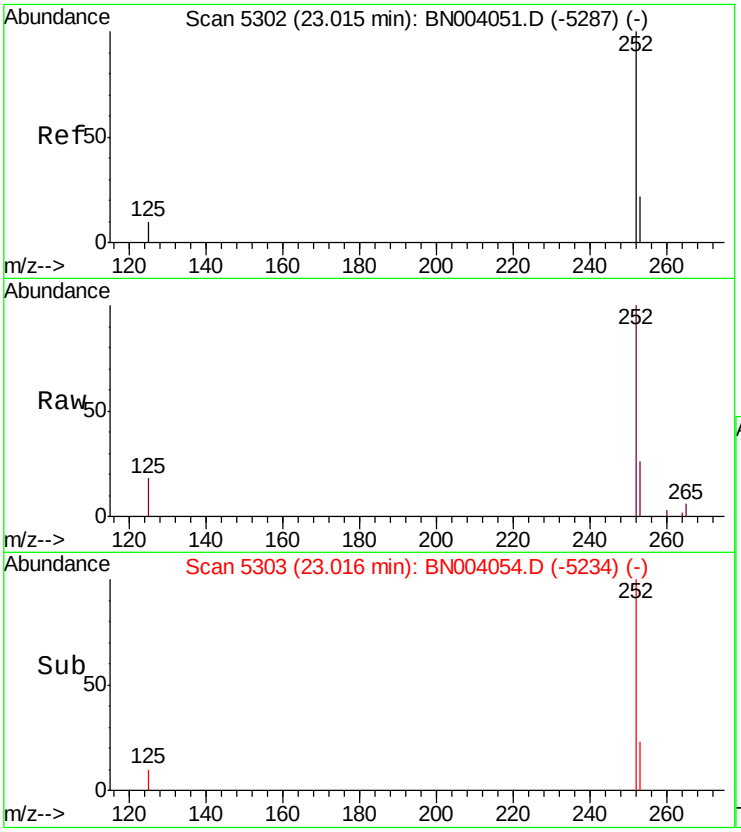


#19
Chrysene
Concen: 22.106 ng/ul
RT: 21.57 min Scan# 4810
Delta R.T. 0.14 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:228 Resp: 2477

Ion	Ratio	Lower	Upper
228	100		
226	56.3	24.0	36.0#
229	72.3	15.7	23.5#



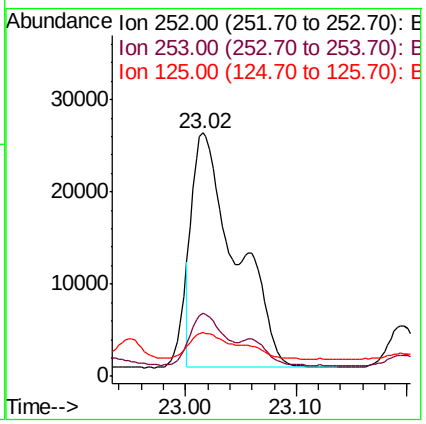


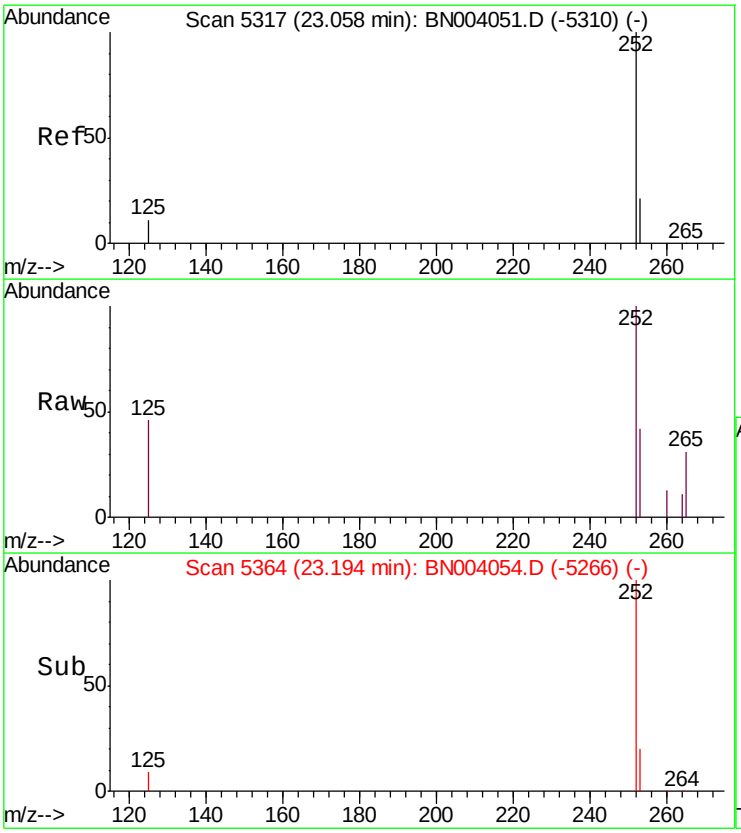
#21
Benzo(b)fluoranthene
Concen: 302.980 ng/ul
RT: 23.02 min Scan# 5303
Delta R.T. 0.00 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:252 Resp: 68932

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	46.0
125	17.9	0.0	22.4

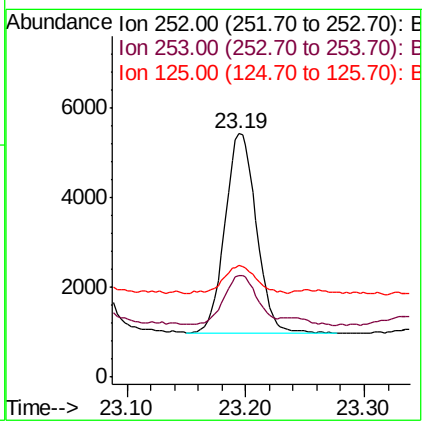


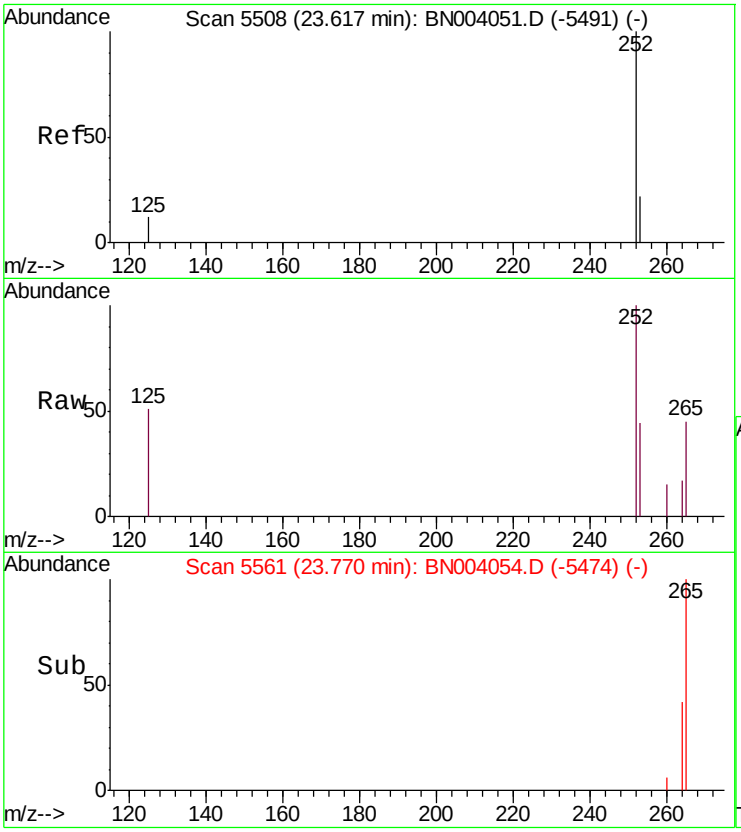


#22
Benzo(k)fluoranthene
Concen: 37.424 ng/ul
RT: 23.19 min Scan# 5364
Delta R.T. 0.14 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:252 Resp: 8295

Ion	Ratio	Lower	Upper
252	100		
253	42.0	18.5	27.7#
125	45.8	9.0	13.6#



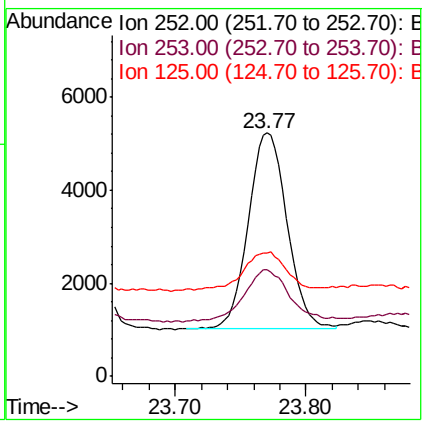


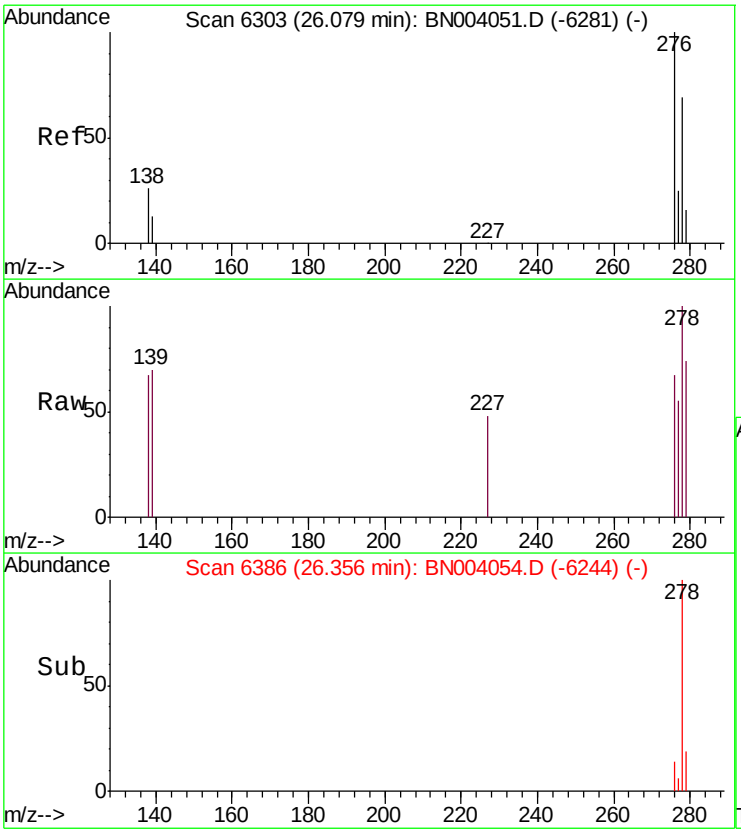
#23
Benzo(a)pyrene
Concen: 43.717 ng/ul
RT: 23.77 min Scan# 5561
Delta R.T. 0.15 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:252 Resp: 8613

Ion	Ratio	Lower	Upper
252	100		
253	43.6	19.0	28.4#
125	50.9	10.2	15.4#

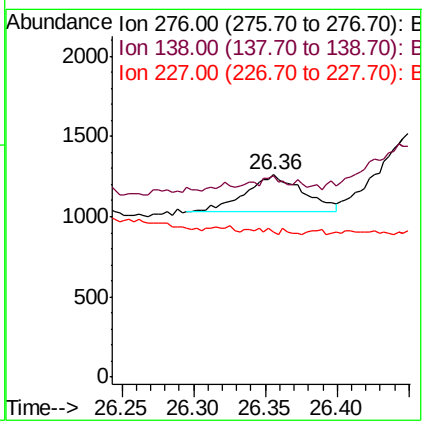


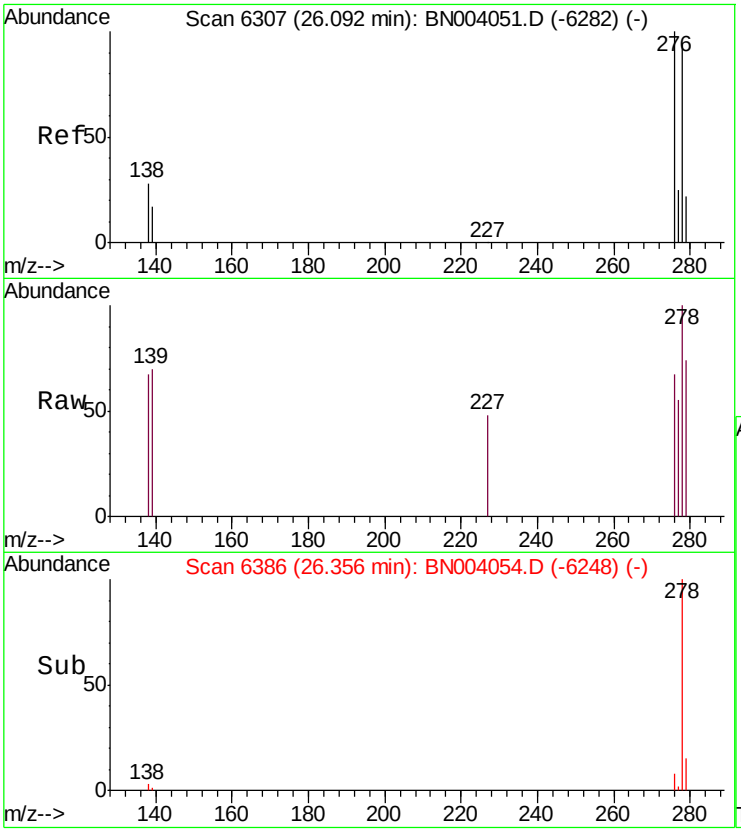


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.881 ng/ul
RT: 26.36 min Scan# 6386
Delta R.T. 0.28 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:276 Resp: 651

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.3	30.5
227	2.0	0.2	0.2#



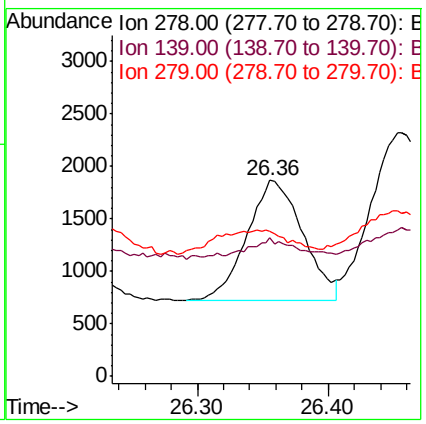


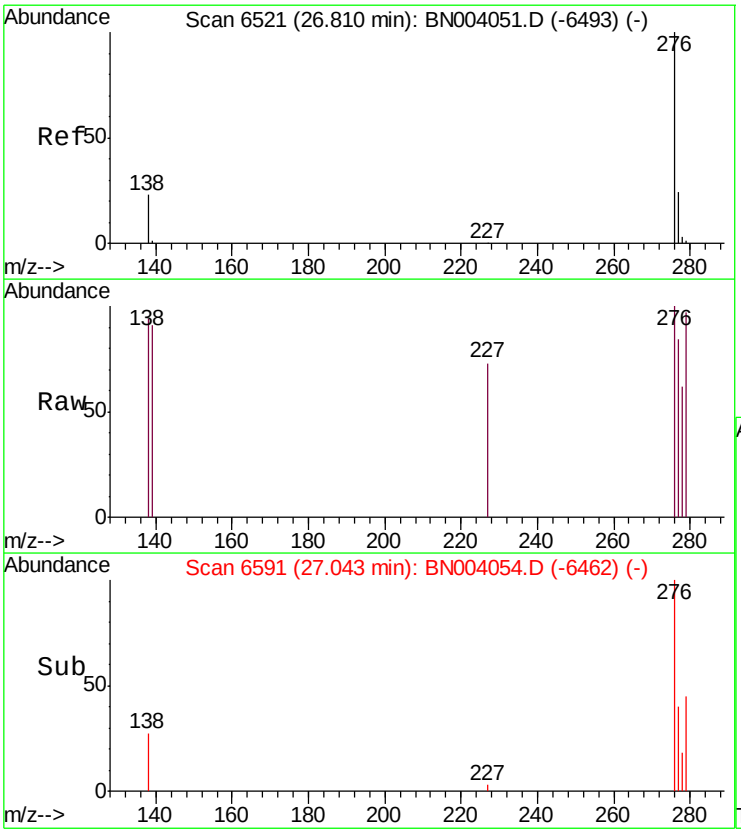
#25
Dibenzo(a,h)anthracene
Concen: 18.830 ng/ul
RT: 26.36 min Scan# 6386
Delta R.T. 0.26 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Instrument :
BNA_N
ClientSampleId :
F9E01

Tgt Ion:278 Resp: 3424

Ion	Ratio	Lower	Upper
278	100		
139	70.4	14.2	21.4#
279	73.9	19.8	29.6#





#26
Benzo(g,h,i)perylene
Concen: 5.144 ng/ul
RT: 27.04 min Scan# 6591
Delta R.T. 0.23 min
Lab File: BN004054.D
Acq: 18 Dec 2018 02:03

Tgt Ion:276 Resp: 1010

Ion	Ratio	Lower	Upper
276	100		
138	94.5	17.7	26.5#
277	83.8	19.3	28.9#