Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000429.D
Acq On : 15 Mar 2018 22:56
Operator : JU/SJ
Sample : J1865-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 06:51:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	238147	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1099391	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	610742	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1304064	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	989090	20.00	ng/ul	0.00
22) Perylene-d12	24.42	264	969954	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2363436	38.99	ng/ul	0.00
10) Fluorene-d10	16.05	176	1545560	37.65	ng/ul	0.00
14) Anthracene-d10	17.89	188	2379347	39.05	ng/ul	0.00
18) Pyrene-d10	20.15	212	2257274	46.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.27	264	1679350	37.91	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.34	128	87016	1.500	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	74096	1.814	ng/ul	94
5) 1-Methylnaphthalene	13.14	142	68109	1.662	ng/ul	93
8) Acenaphthylene	14.80	152	157545	2.586	ng/ul	99
13) Phenanthrene	17.83	178	761716	10.185	ng/ul	100
15) Anthracene	17.92	178	266961	3.518	ng/ul	99
16) Fluoranthene	19.81	202	1401284	17.342	ng/ul#	92
19) Pyrene	20.17	202	1739216	27.851	ng/ul#	86
20) Benzo(a)anthracene	21.90	228	1127469	18.336	ng/ul#	92
21) Chrysene	21.95	228	1703022	29.185	ng/ul	96
23) Benzo(b)fluoranthene	23.65	252	1437311	24.850	ng/ul#	92
24) Benzo(k)fluoranthene	23.65	252	1437311	26.548	ng/ul#	92
26) Benzo(a)pyrene	24.32	252	1699219	30.868	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.02	276	744600	12.545	ng/ul#	78
28) Dibenzo(a,h)anthracene	27.01	278	376122	7.731	ng/ul#	52
29) Benzo(g,h,i)perylene	27.84	276	2257596	45.555	ng/ul#	86

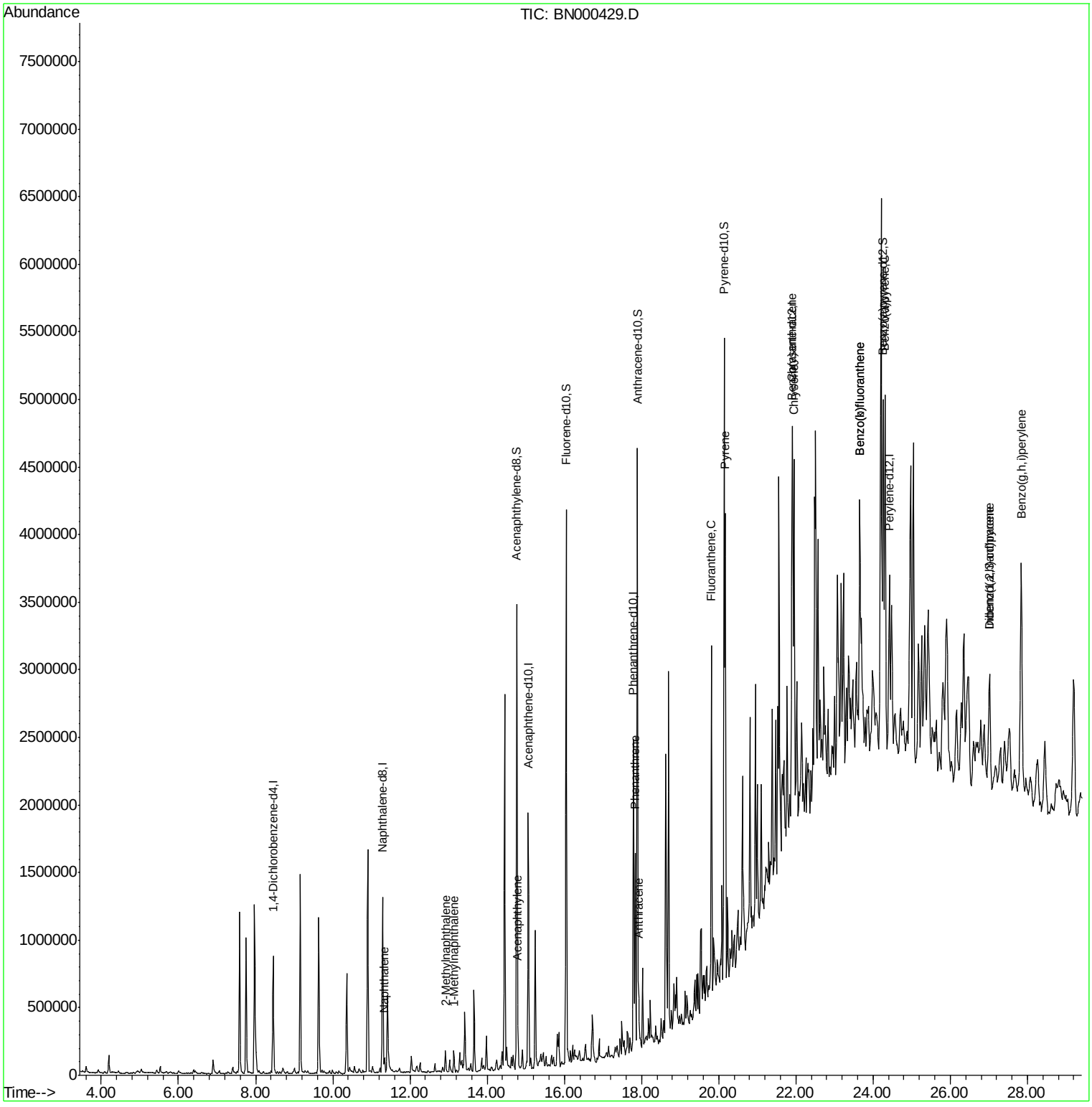
(#) = qualifier out of range (m) = manual integration (+) = signals summed

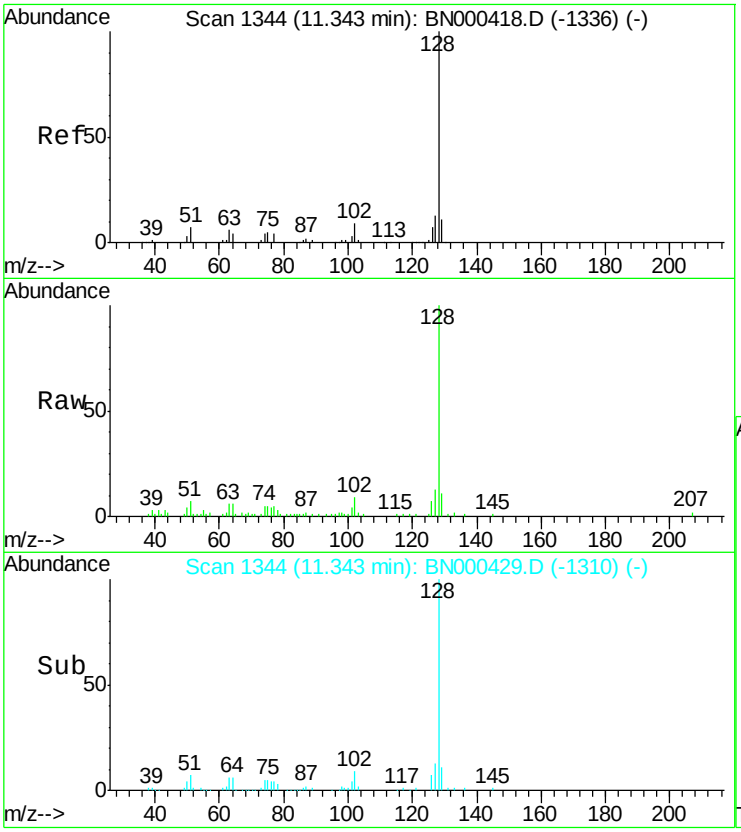
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000429.D
Acq On : 15 Mar 2018 22:56
Operator : JU/SJ
Sample : J1865-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 06:51:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration



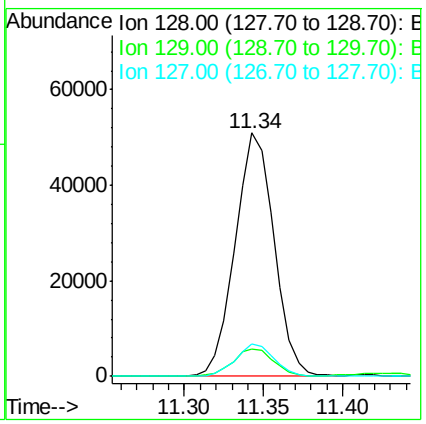


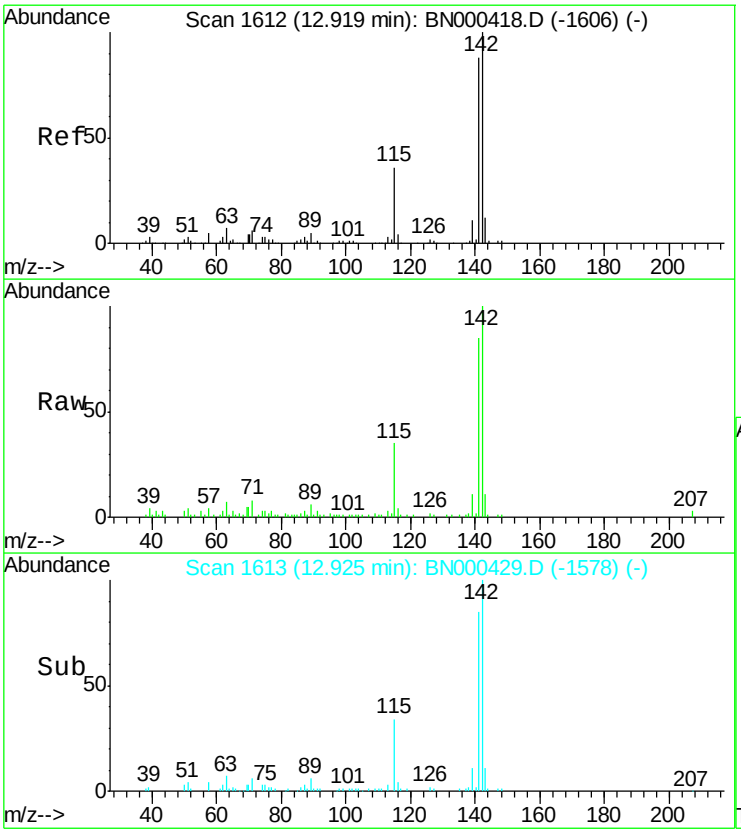
#3
Naphthalene
Concen: 1.500 ng/ul
RT: 11.34 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 87016

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.6	16.0

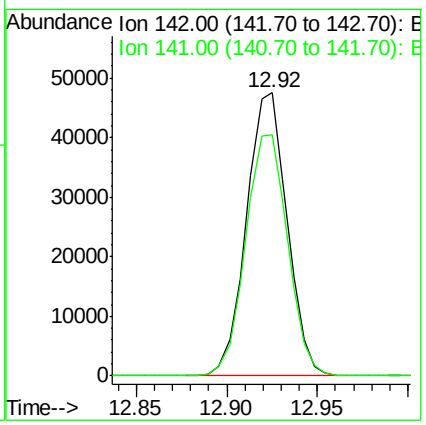


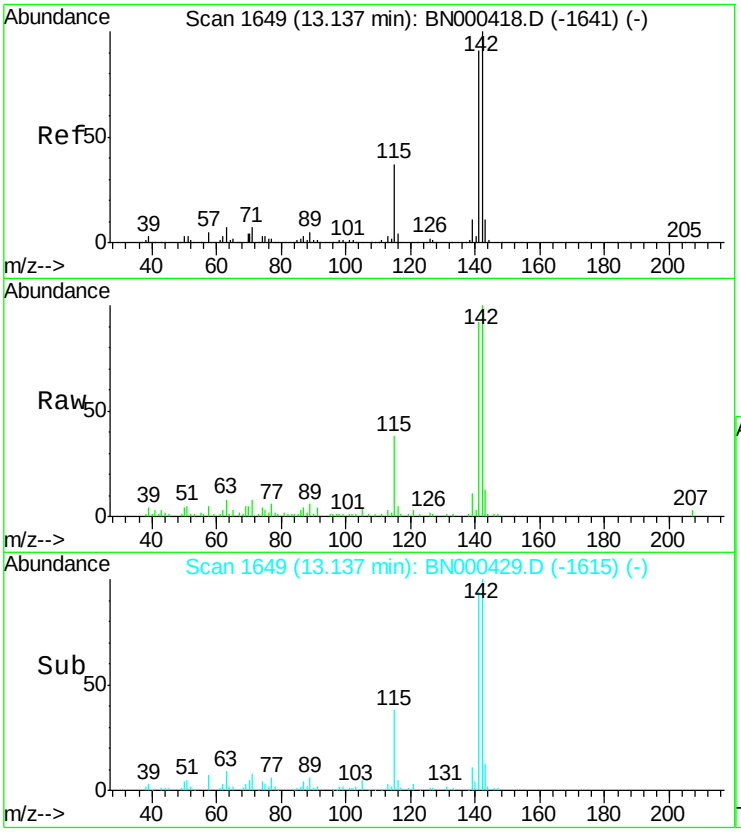


#4
2-Methylnaphthalene
Concen: 1.814 ng/ul
RT: 12.92 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:142 Resp: 74096

Ion	Ratio	Lower	Upper
142	100		
141	85.0	72.7	109.1



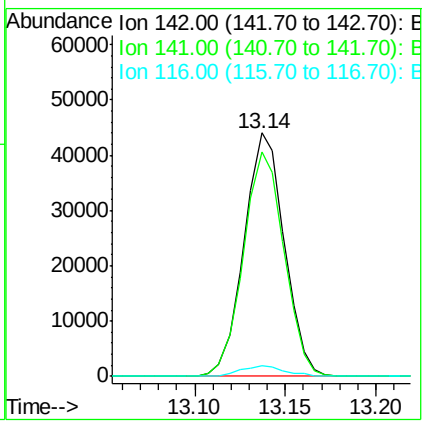


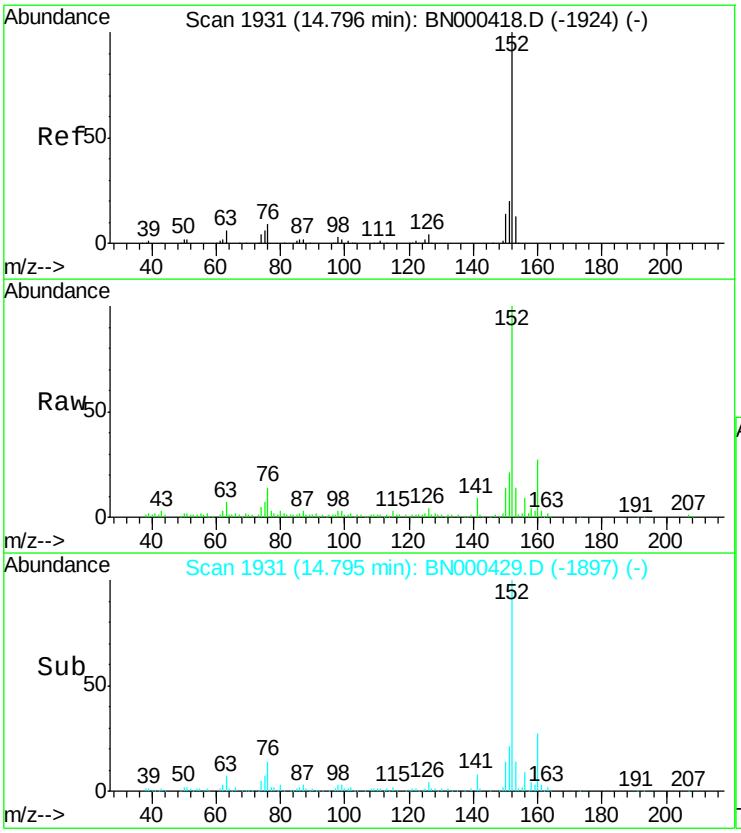
#5
1-Methylnaphthalene
Concen: 1.662 ng/ul
RT: 13.14 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 68109

Ion	Ratio	Lower	Upper
142	100		
141	92.2	79.3	118.9
116	4.5	4.2	6.2

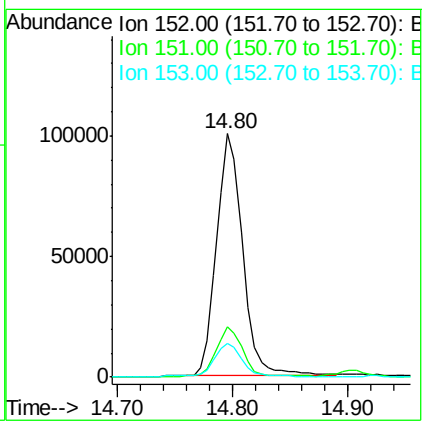


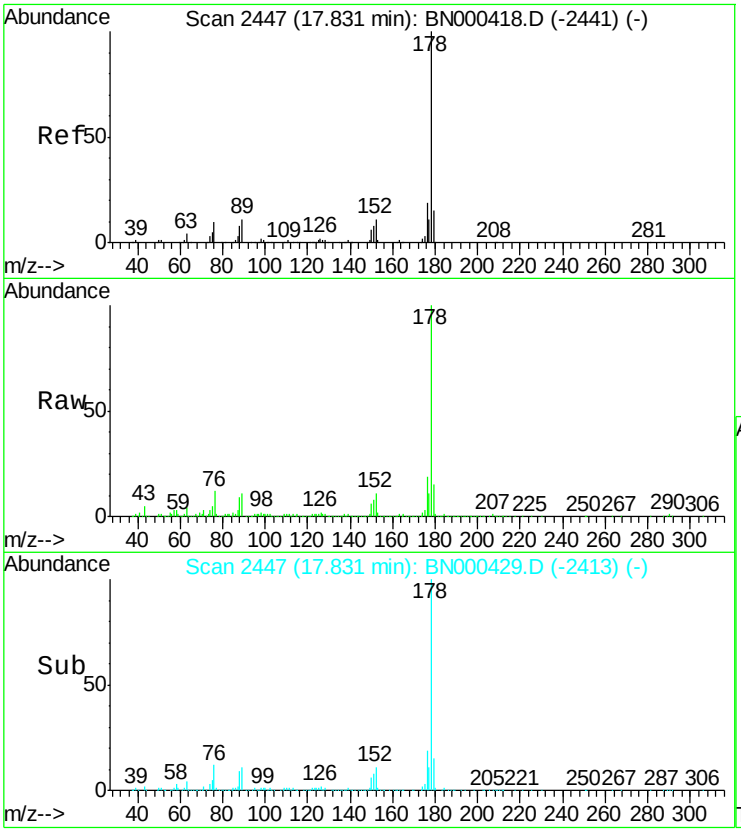


#8
Acenaphthylene
Concen: 2.586 ng/ul
RT: 14.80 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:152 Resp: 157545

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	13.8	10.2	15.4



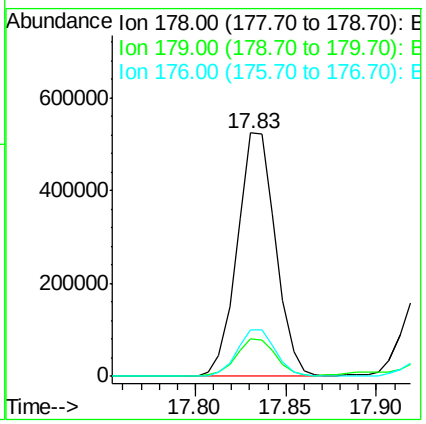


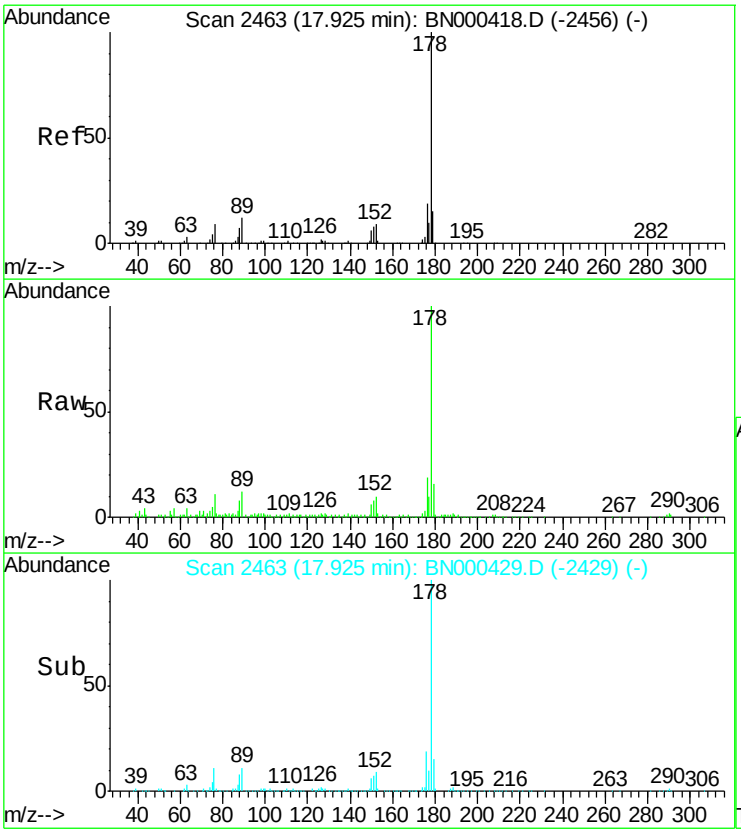
#13
Phenanthrene
Concen: 10.185 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 761716

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.1	22.7

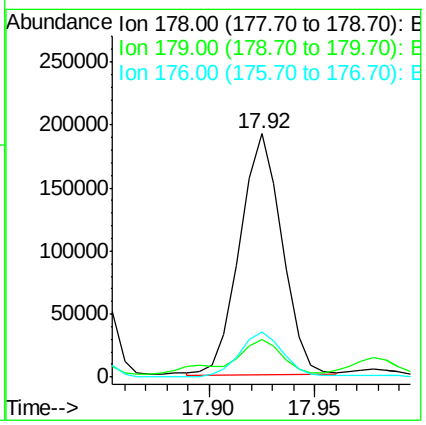


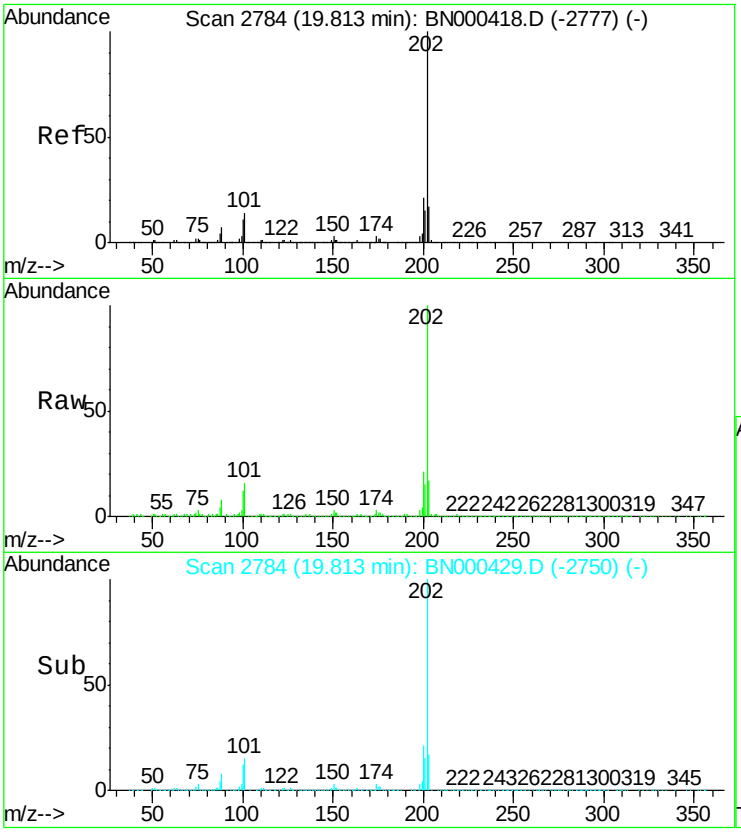


#15
Anthracene
Concen: 3.518 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:178 Resp: 266961

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	18.8	15.2	22.8



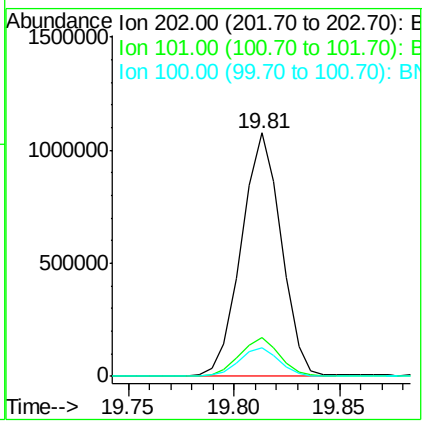


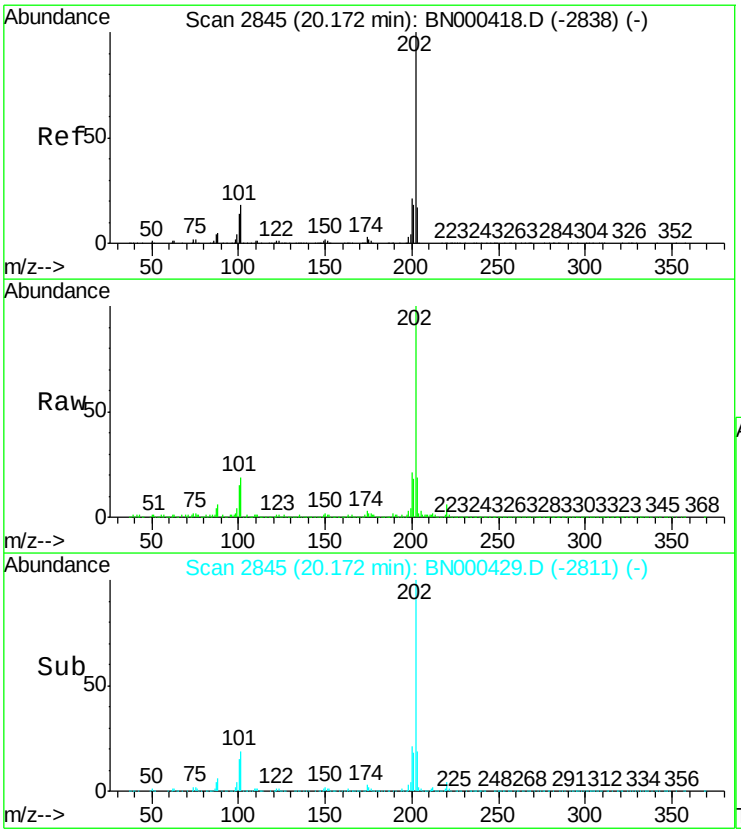
#16
Fluoranthene
Concen: 17.342 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1401284

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	11.9	7.4	11.0#

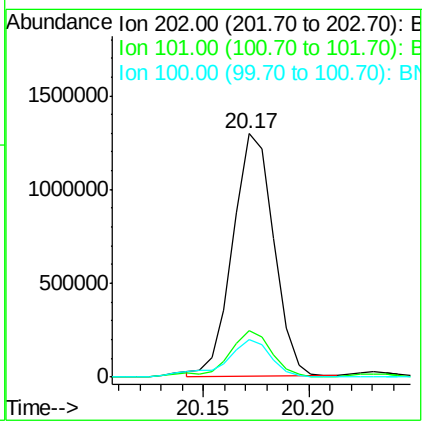


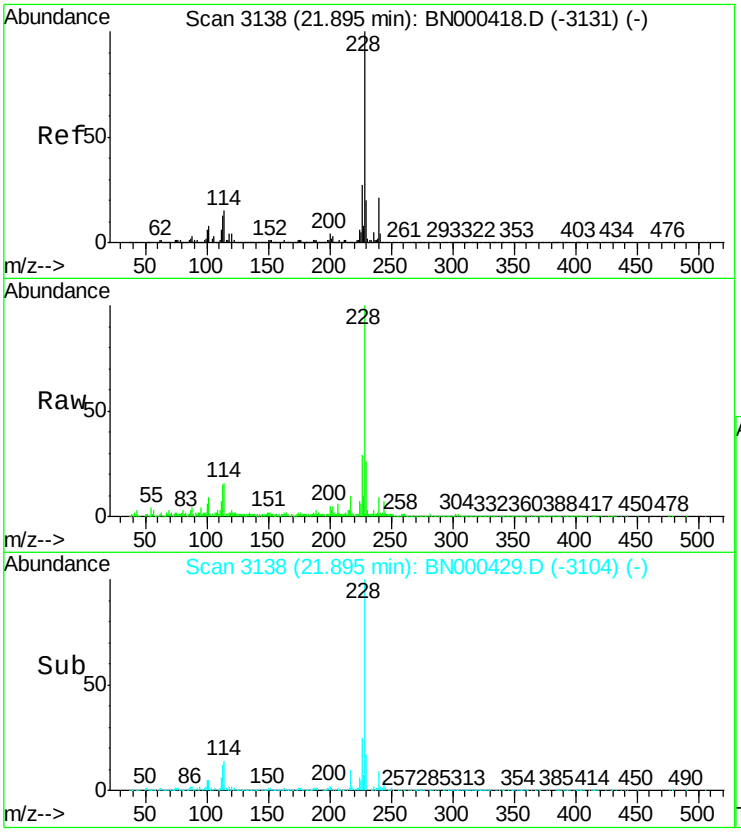


#19
Pyrene
Concen: 27.851 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:202 Resp: 1739216

Ion	Ratio	Lower	Upper
202	100		
101	19.3	11.0	16.4#
100	15.3	8.1	12.1#



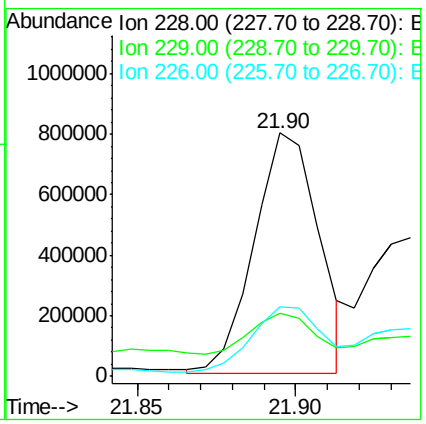


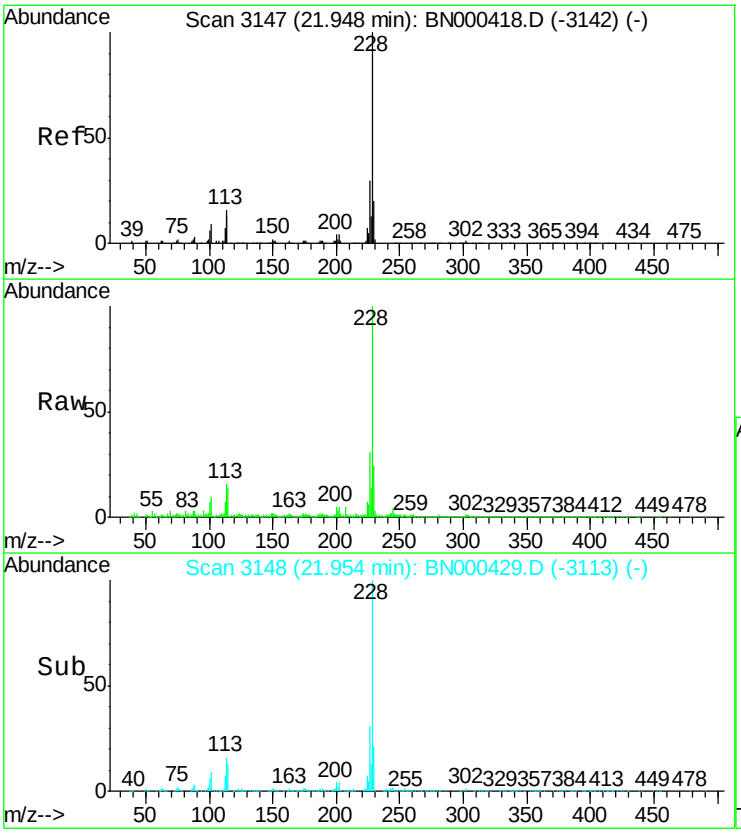
#20
Benzo(a)anthracene
Concen: 18.336 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1127469

Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.7	23.5#
226	28.8	21.1	31.7

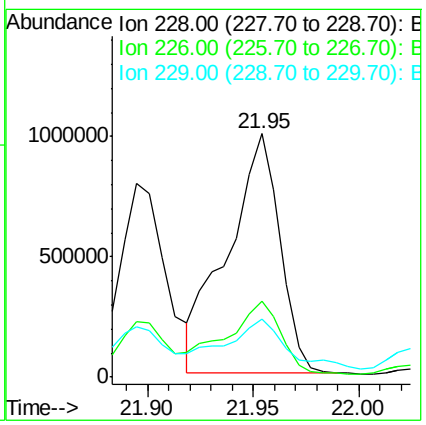


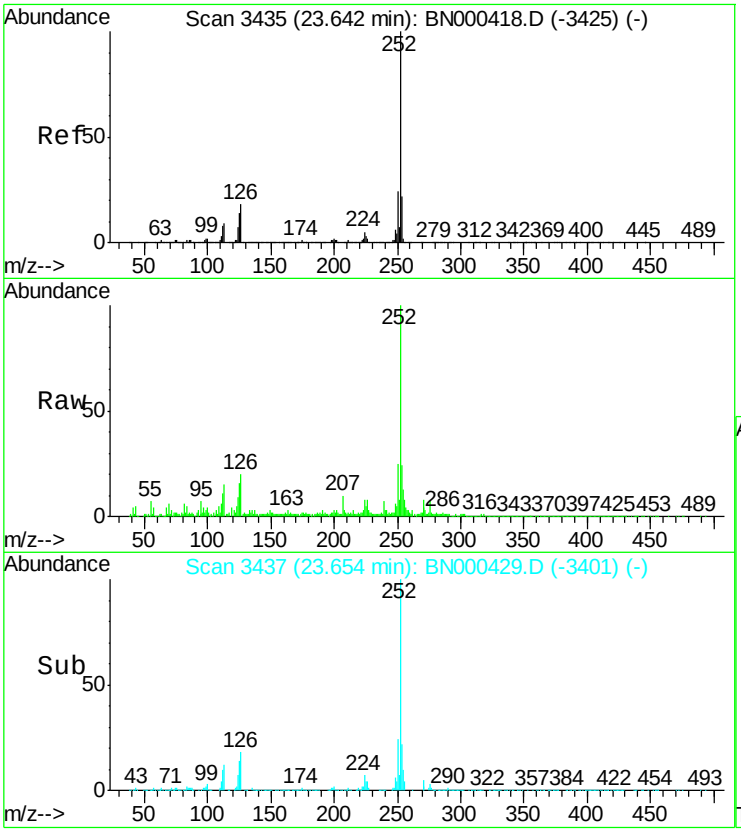


#21
Chrysene
Concen: 29.185 ng/ul
RT: 21.95 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:228 Resp: 1703022

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.7	15.8	23.8



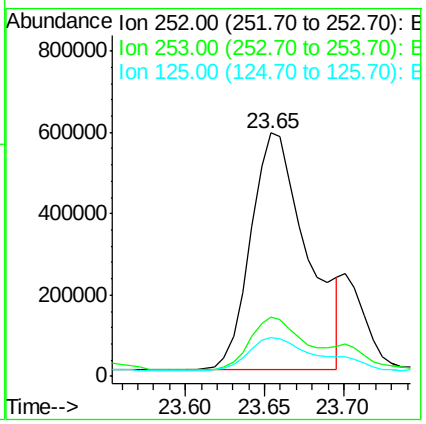


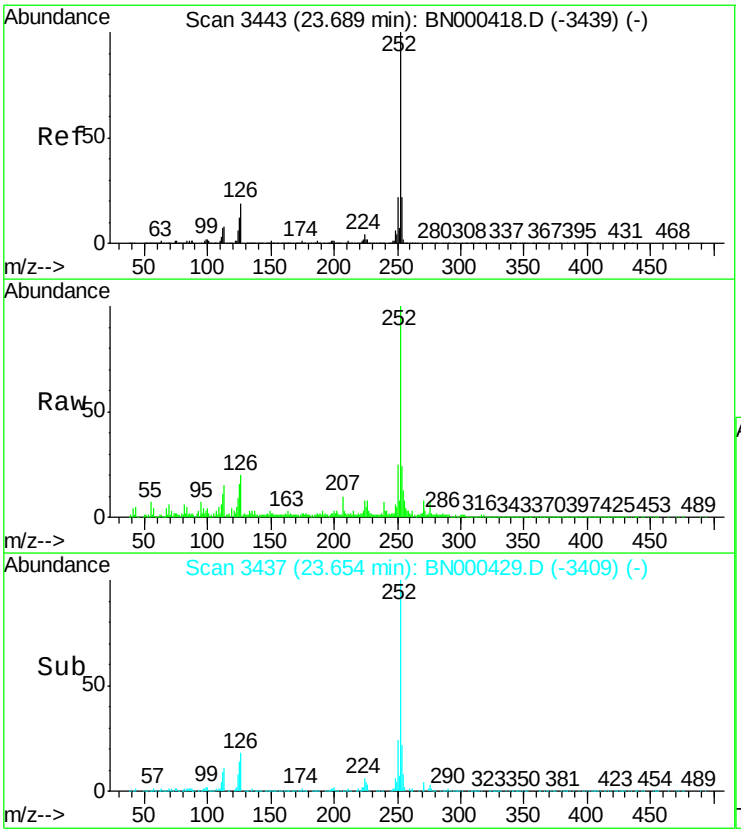
#23
Benzo(b)fluoranthene
Concen: 24.850 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1437311

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	15.9	8.0	12.0#

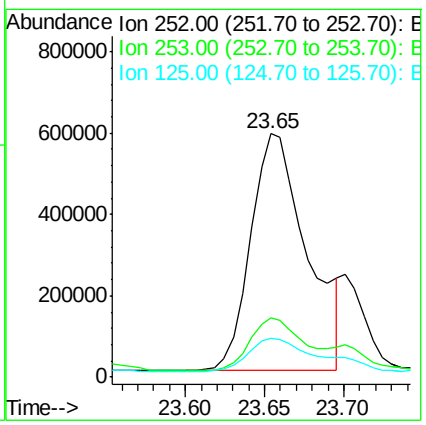


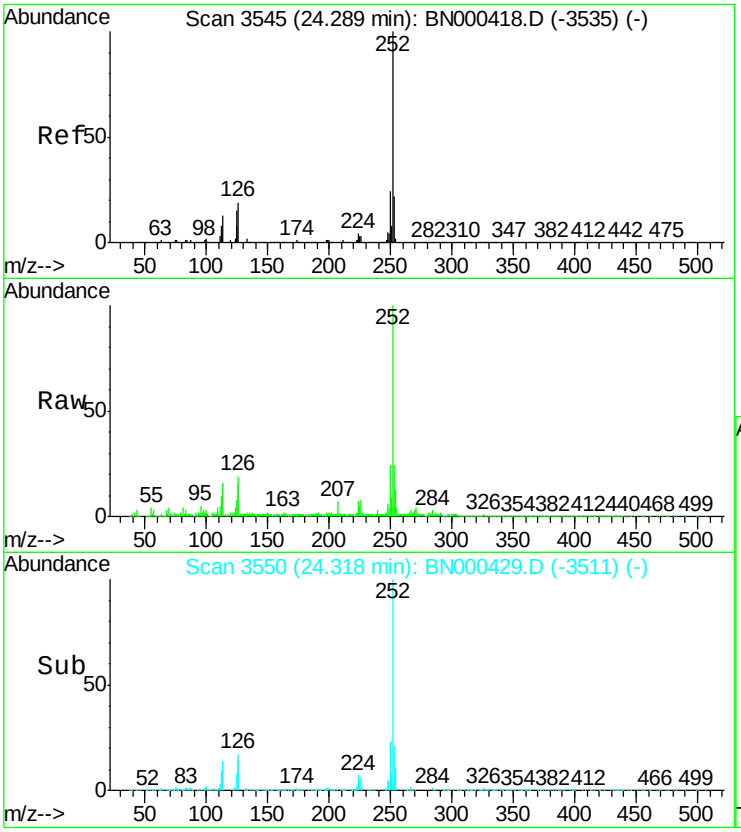


#24
Benzo(k)fluoranthene
Concen: 26.548 ng/ul
RT: 23.65 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:252 Resp: 1437311

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	15.9	8.1	12.1#



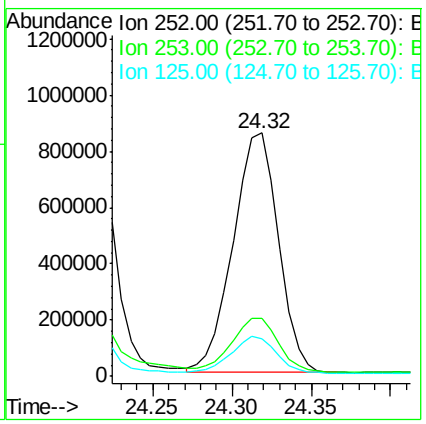


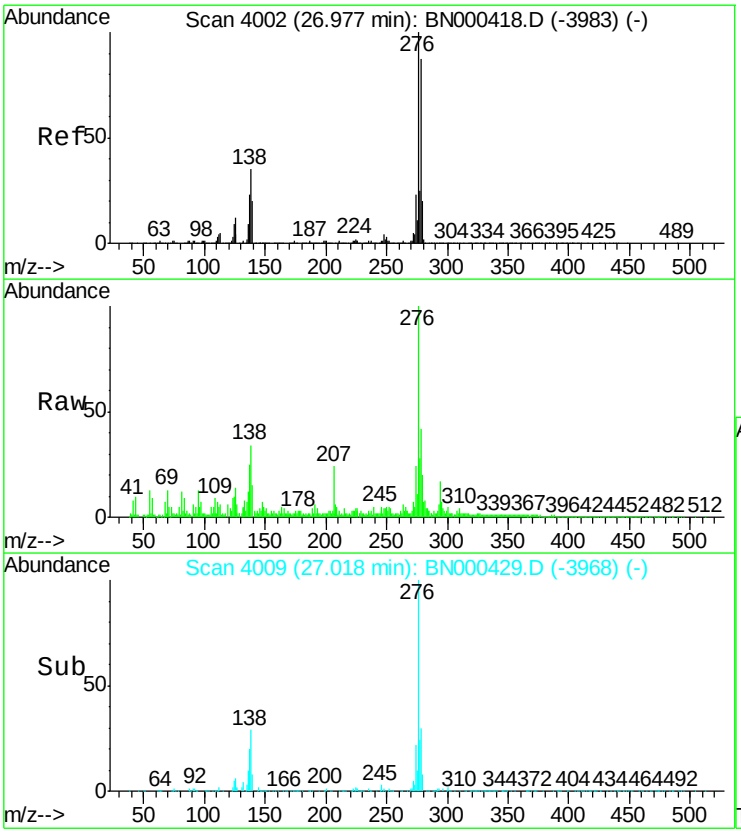
#26
Benzo(a)pyrene
Concen: 30.868 ng/ul
RT: 24.32 min Scan# 3550
Delta R.T. 0.03 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1699219

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	15.6	8.2	12.4#

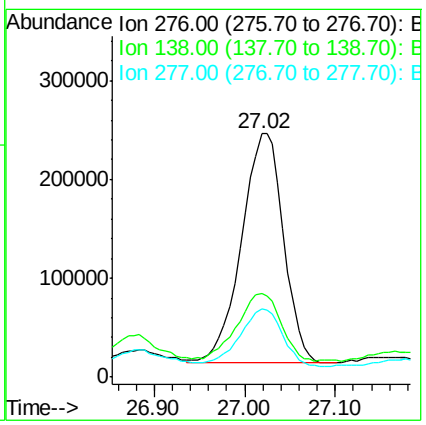


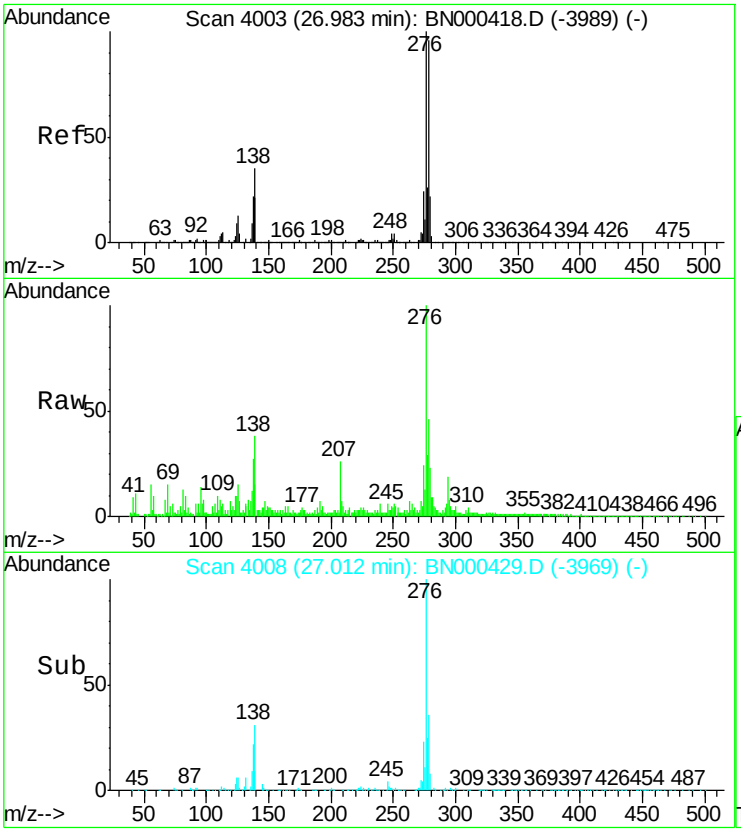


#27
Indeno(1,2,3-cd)pyrene
Concen: 12.545 ng/ul
RT: 27.02 min Scan# 4009
Delta R.T. 0.04 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:276 Resp: 744600

Ion	Ratio	Lower	Upper
276	100		
138	34.2	14.4	21.6#
277	27.9	18.0	27.0#



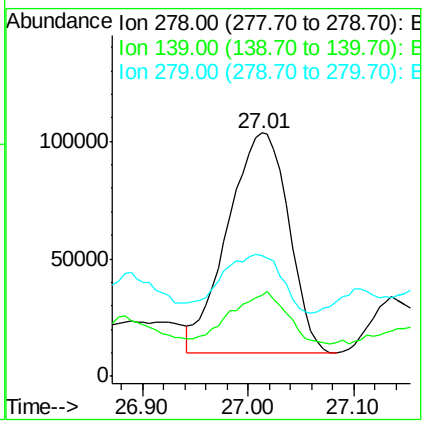


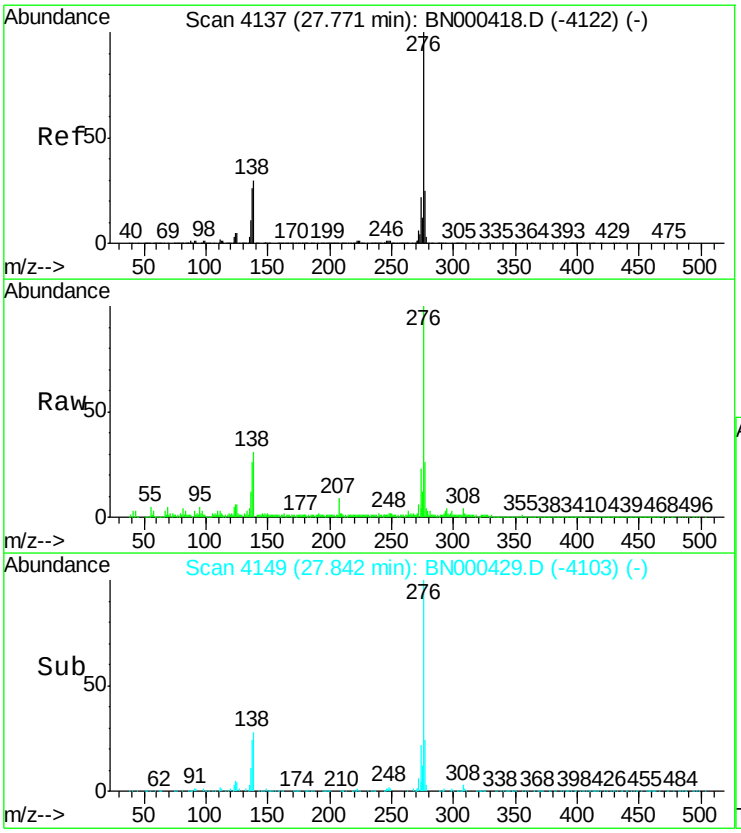
#28
Dibenzo(a,h)anthracene
Concen: 7.731 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.03 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 376122

Ion	Ratio	Lower	Upper
278	100		
139	33.4	12.2	18.4#
279	49.4	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 45.555 ng/ul
RT: 27.84 min Scan# 4149
Delta R.T. 0.07 min
Lab File: BN000429.D
Acq: 15 Mar 2018 22:56

Tgt Ion:276 Resp: 2257596

Ion	Ratio	Lower	Upper
276	100		
138	30.9	15.3	22.9#
277	25.6	19.0	28.4