Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000959.D
Acq On : 27 Apr 2018 06:56
Operator : JU/SJ
Sample : J2526-11 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 27 09:27:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	190947	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	763413	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	359203	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	679027	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	631729	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	726590	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	134162	3.89	ng/ul	0.00
10) Fluorene-d10	15.25	176	92640	4.02	ng/ul	0.00
14) Anthracene-d10	17.10	188	129197	4.16	ng/ul	0.00
18) Pyrene-d10	19.41	212	130514	4.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	147263	4.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	600153	15.599	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	267487	10.420	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	235361	9.348	ng/ul#	94
8) Acenaphthylene	13.97	152	72557	2.125	ng/ul#	95
9) Acenaphthene	14.32	153	339636	14.397	ng/ul	96
11) Fluorene	15.31	166	336723	13.408	ng/ul	94
13) Phenanthrene	17.06	178	3793122	102.421	ng/ul	99
15) Anthracene	17.14	178	1037887	27.940	ng/ul	99
16) Fluoranthene	19.09	202	4338334	115.460	ng/ul	97
19) Pyrene	19.45	202	3798094	93.602	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	2366697	62.672	ng/ul	96
21) Chrysene	21.26	228	1973602	55.604	ng/ul	97
23) Benzo(b)fluoranthene	22.77	252	3889856	94.203	ng/ul#	97
24) Benzo(k)fluoranthene	22.77	252	3096803	76.643	ng/ul#	97
26) Benzo(a)pyrene	23.33	252	2127197	53.904	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.62	276	1493327	31.330	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.62	278	444139	11.180	ng/ul#	82
29) Benzo(g,h,i)perylene	26.29	276	1198392	30.061	ng/ul#	94

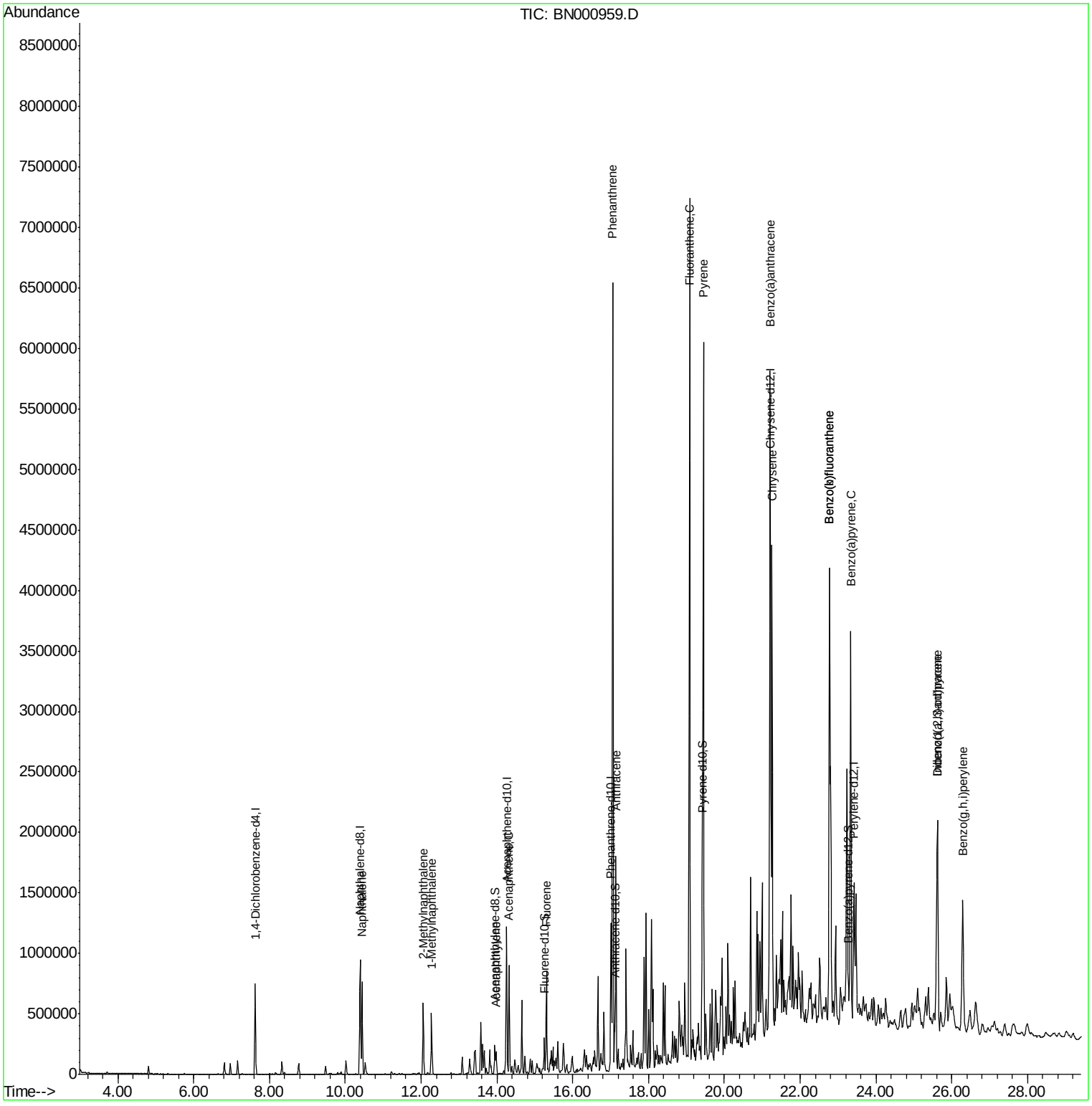
(#) = qualifier out of range (m) = manual integration (+) = signals summed

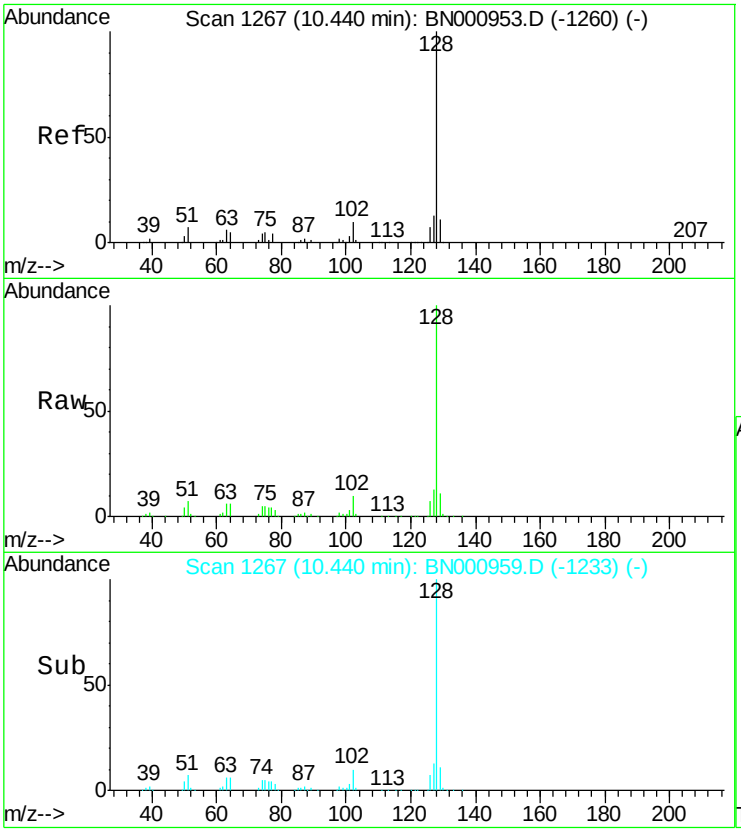
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
Data File : BN000959.D
Acq On : 27 Apr 2018 06:56
Operator : JU/SJ
Sample : J2526-11 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 27 09:27:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
Response via : Initial Calibration



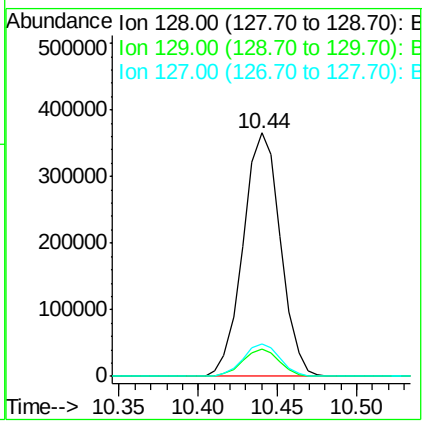


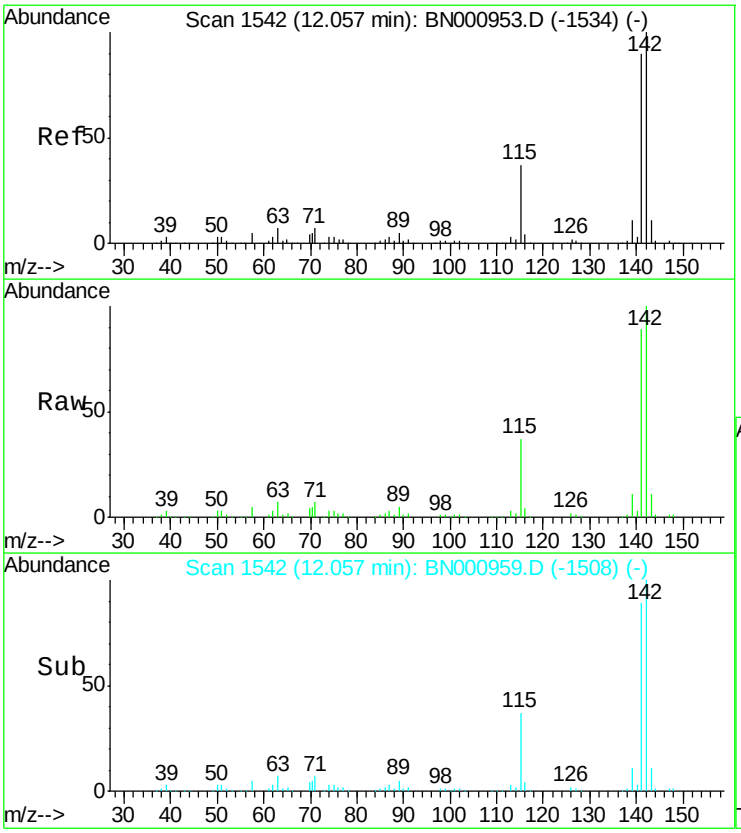
#3
Naphthalene
Concen: 15.599 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 600153

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.6	16.0

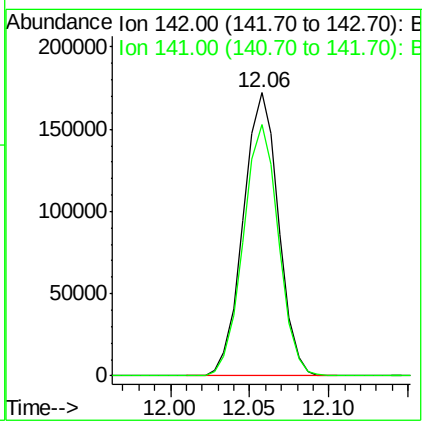


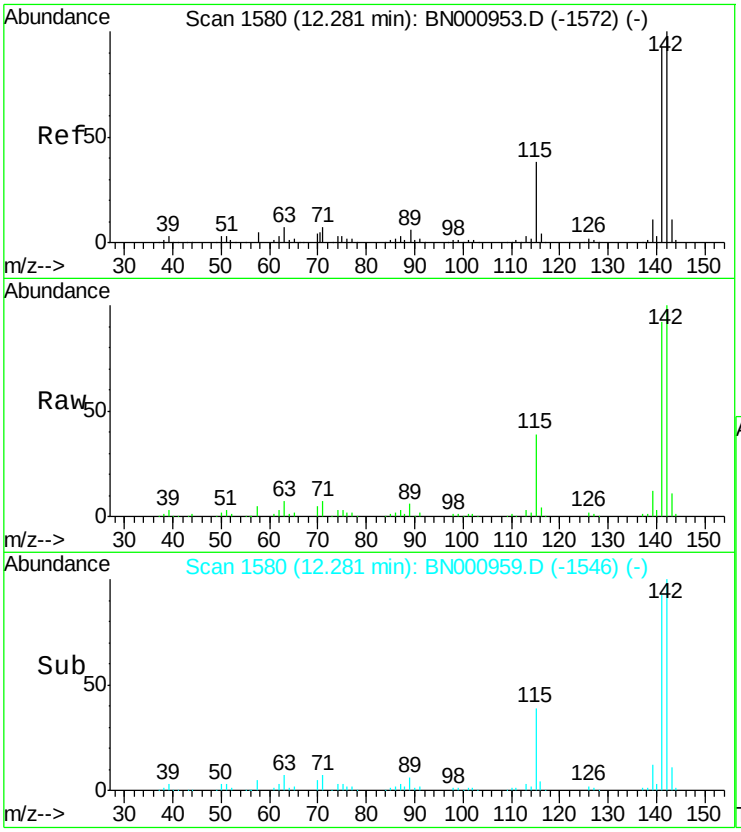


#4
2-Methylnaphthalene
Concen: 10.420 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:142 Resp: 267487

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1



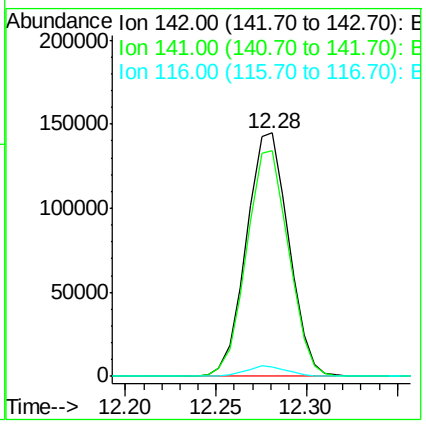


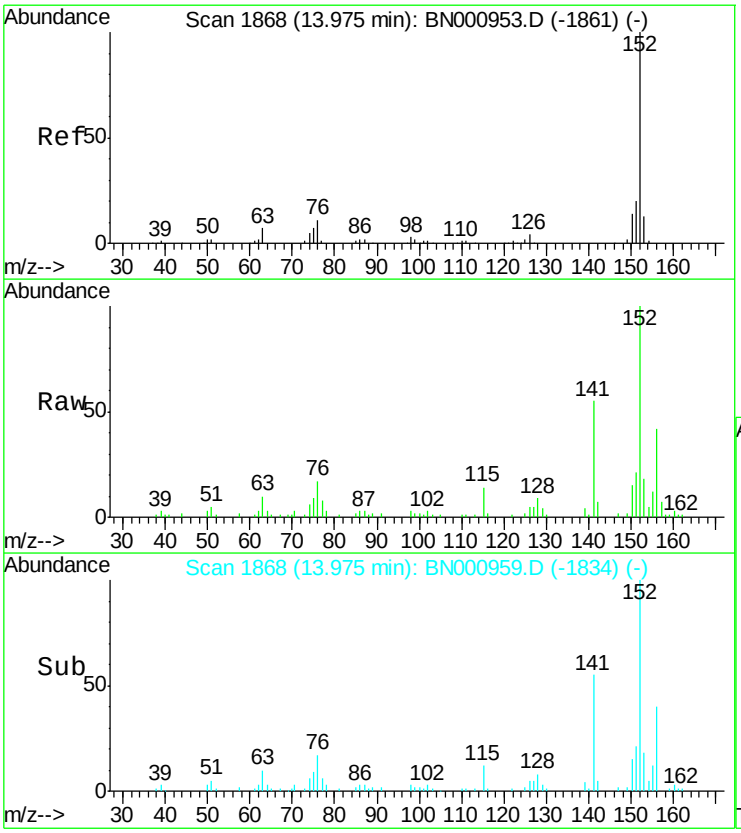
#5
1-Methylnaphthalene
Concen: 9.348 ng/ul
RT: 12.28 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 235361

Ion	Ratio	Lower	Upper
142	100		
141	92.5	79.3	118.9
116	4.0	4.2	6.2#

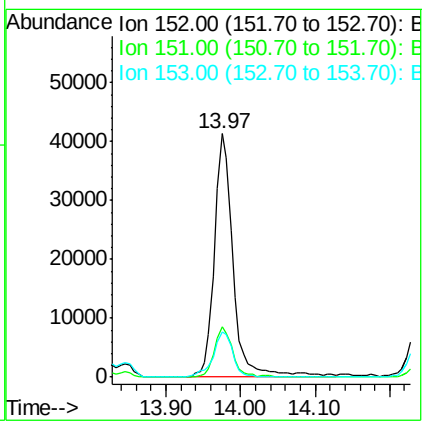


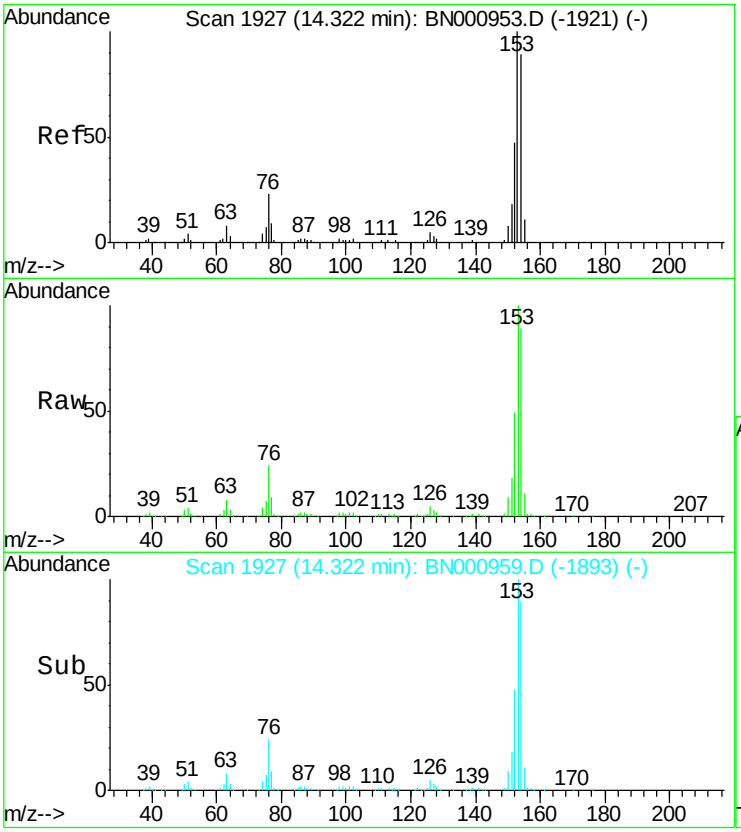


#8
Acenaphthylene
Concen: 2.125 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:152 Resp: 72557

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	18.3	10.2	15.4#



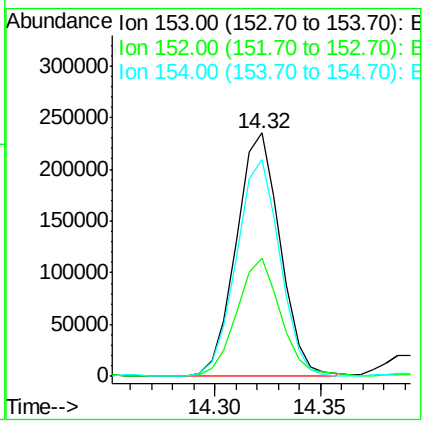


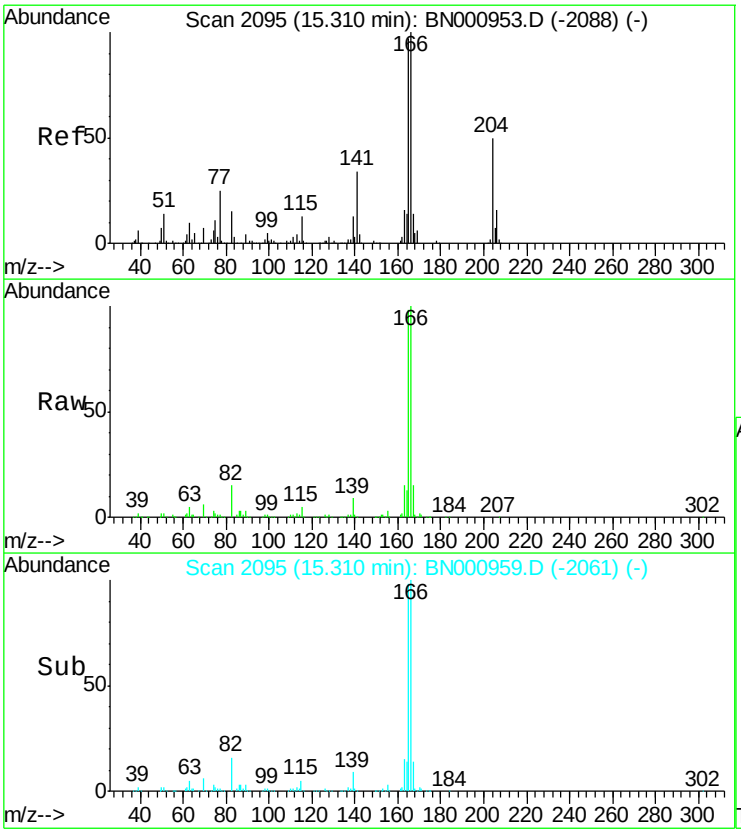
#9
Acenaphthene
Concen: 14.397 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 339636

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.0	58.6
154	89.1	66.8	100.2

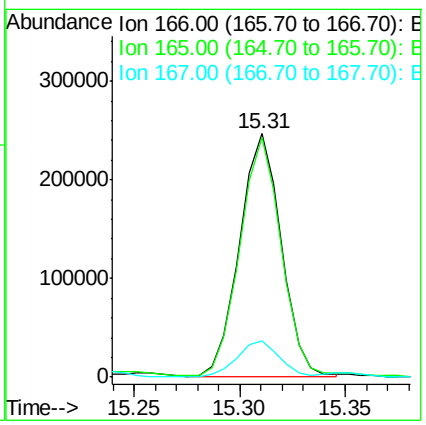


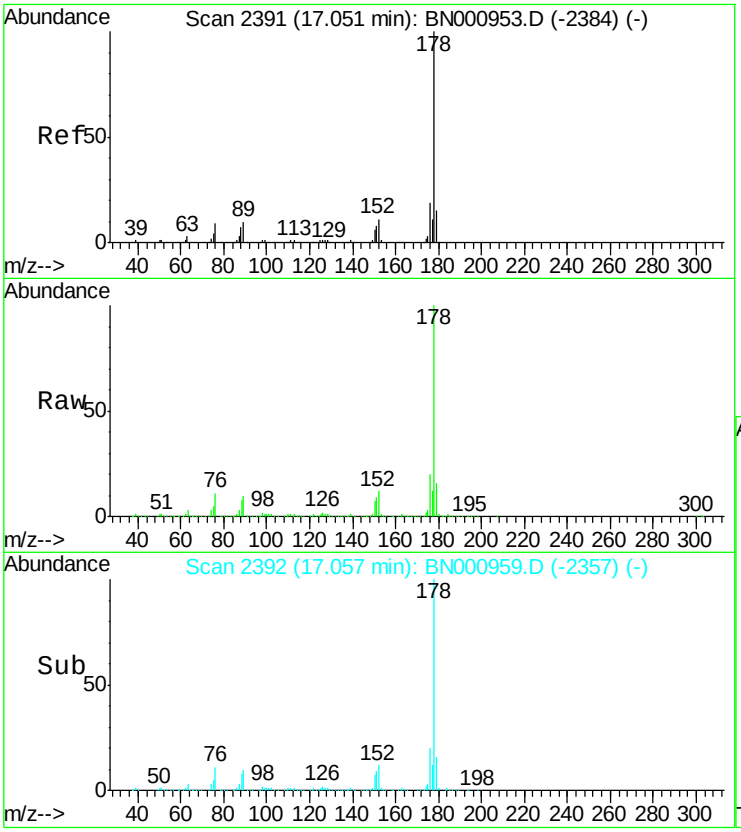


#11
Fluorene
Concen: 13.408 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:166 Resp: 336723

Ion	Ratio	Lower	Upper
166	100		
165	98.4	83.8	125.8
167	14.8	11.5	17.3



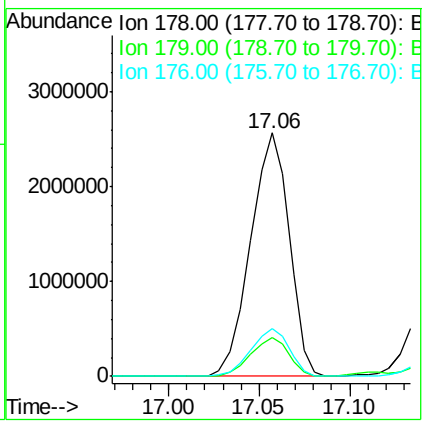


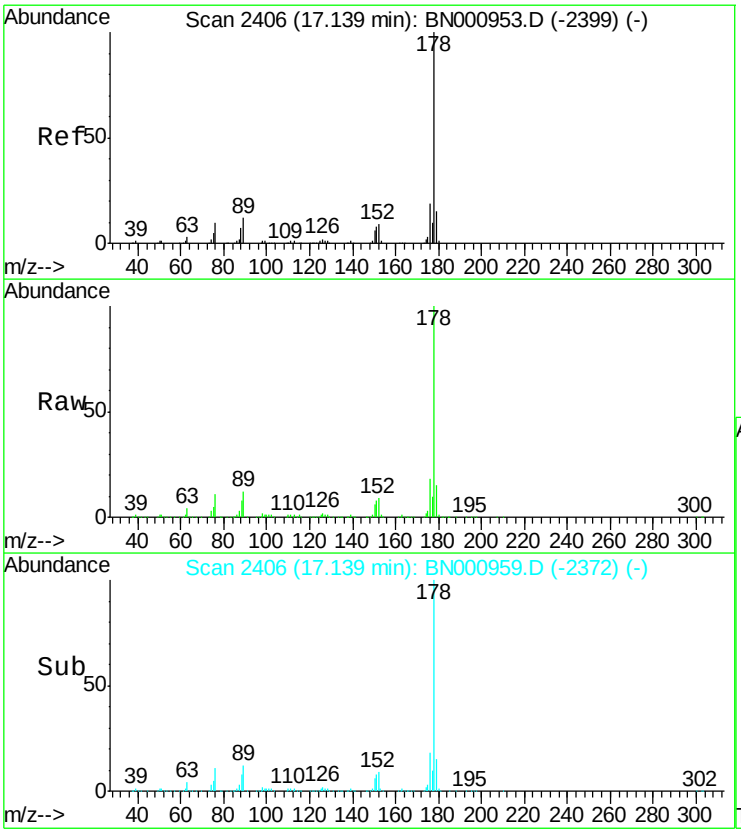
#13
Phenanthrene
Concen: 102.421 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3793122

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.1	22.7

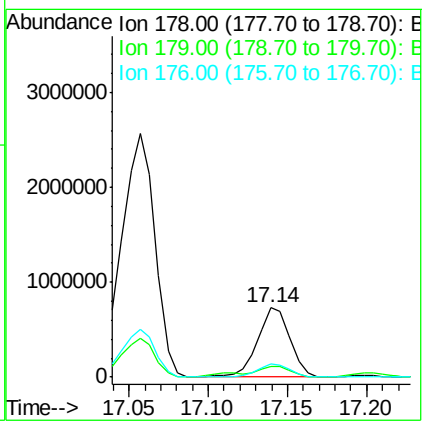


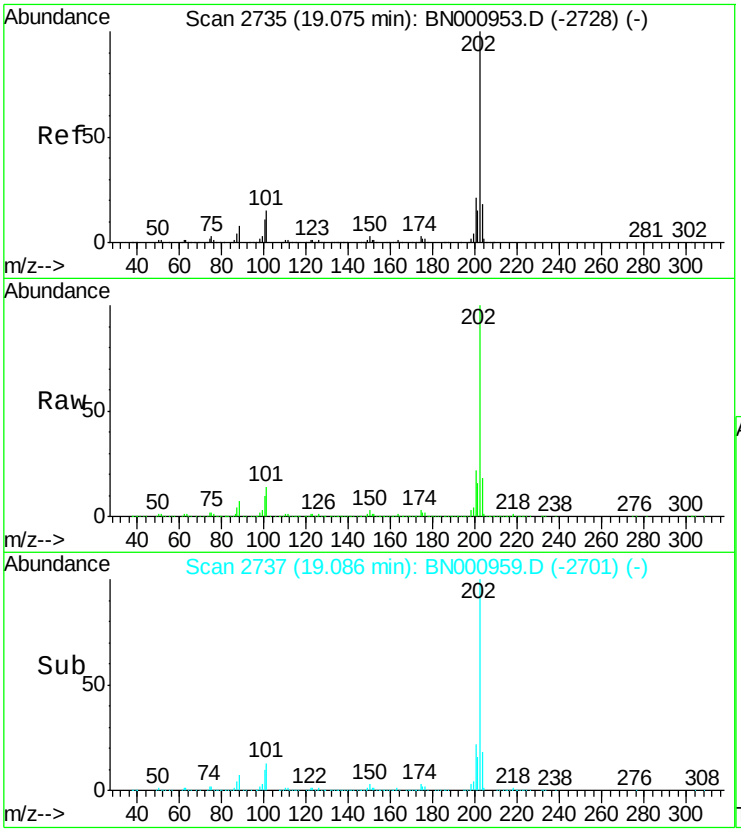


#15
Anthracene
Concen: 27.940 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:178 Resp: 1037887

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.4	15.2	22.8



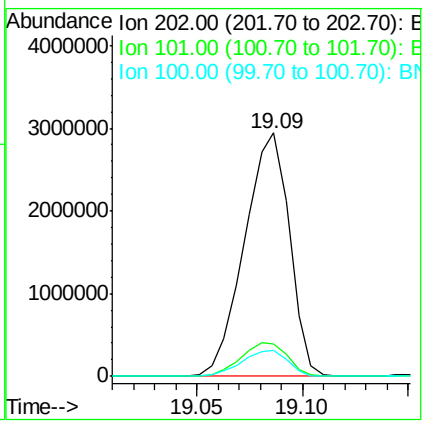


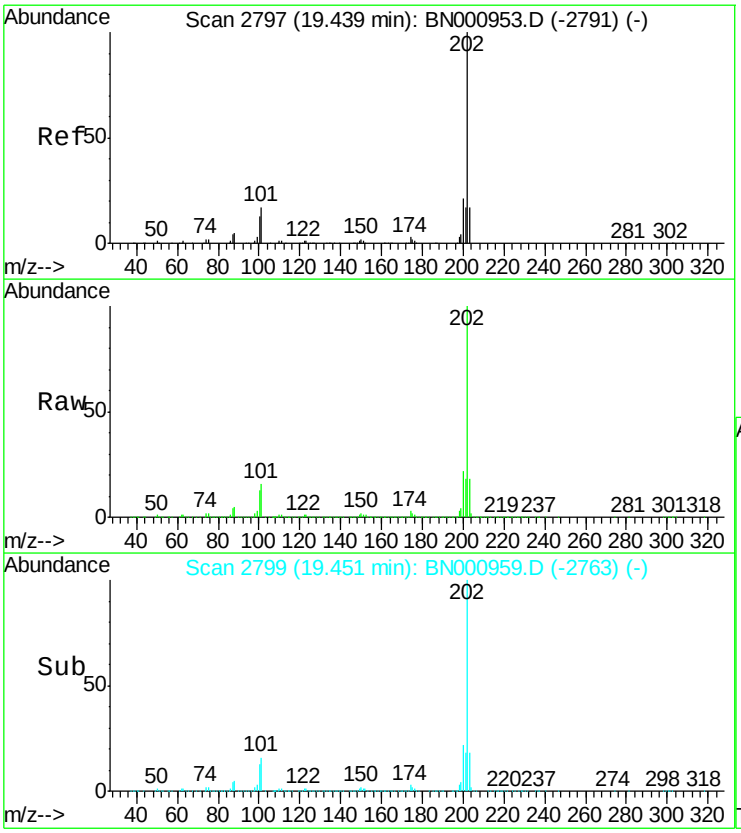
#16
Fluoranthene
Concen: 115.460 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4338334

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.9	14.9
100	10.4	7.4	11.0

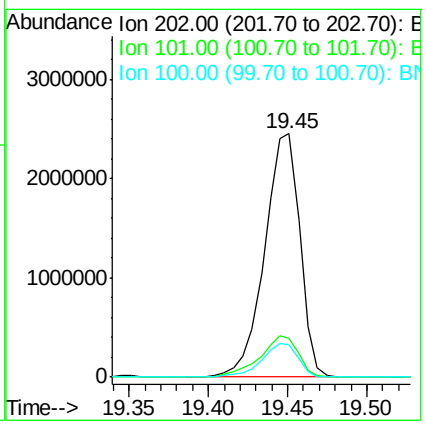


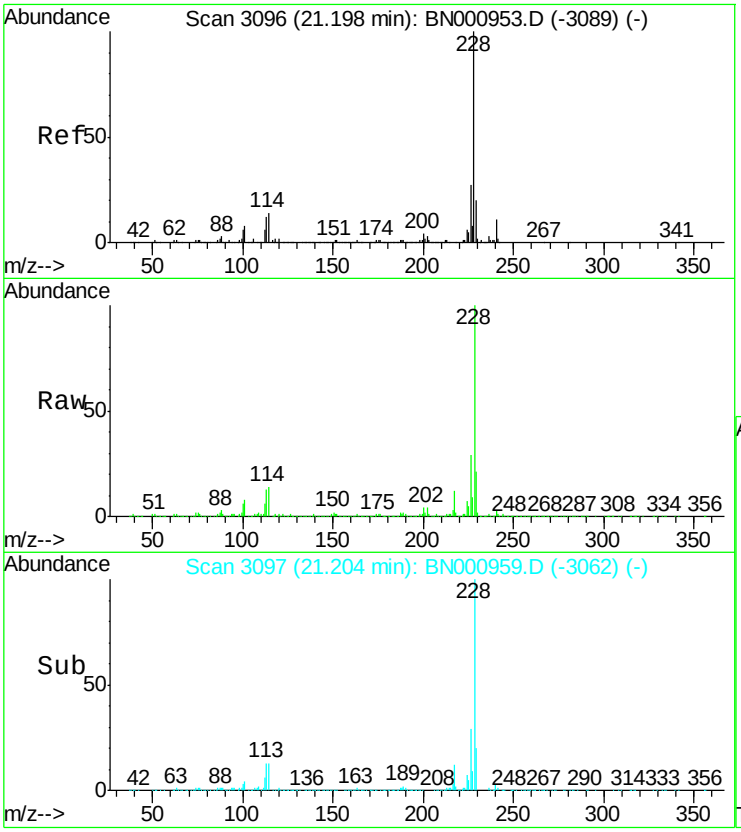


#19
Pyrene
Concen: 93.602 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:202 Resp: 3798094

Ion	Ratio	Lower	Upper
202	100		
101	16.2	11.0	16.4
100	13.4	8.1	12.1#



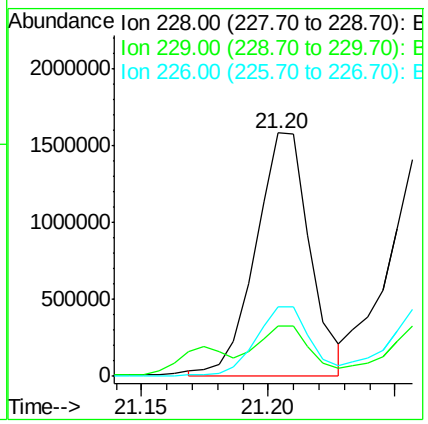


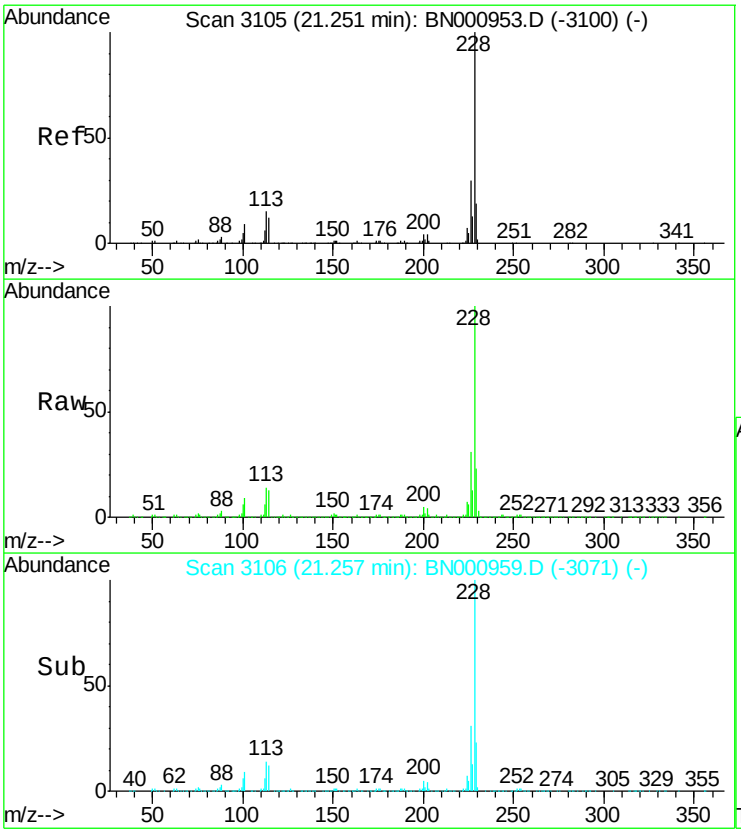
#20
Benzo(a)anthracene
Concen: 62.672 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2366697

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.7	21.1	31.7

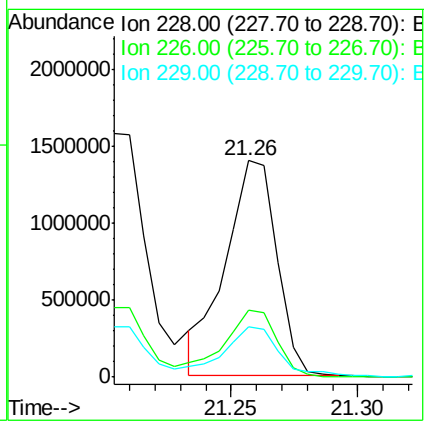


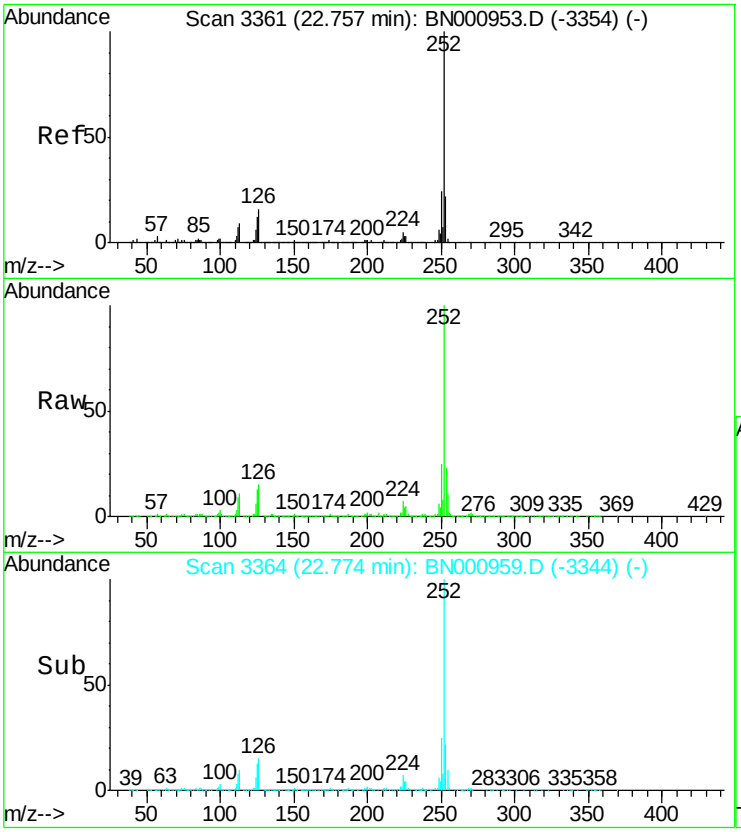


#21
Chrysene
Concen: 55.604 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:228 Resp: 1973602

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	23.1	15.8	23.8



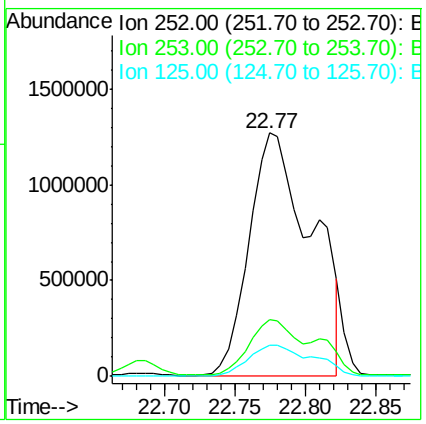


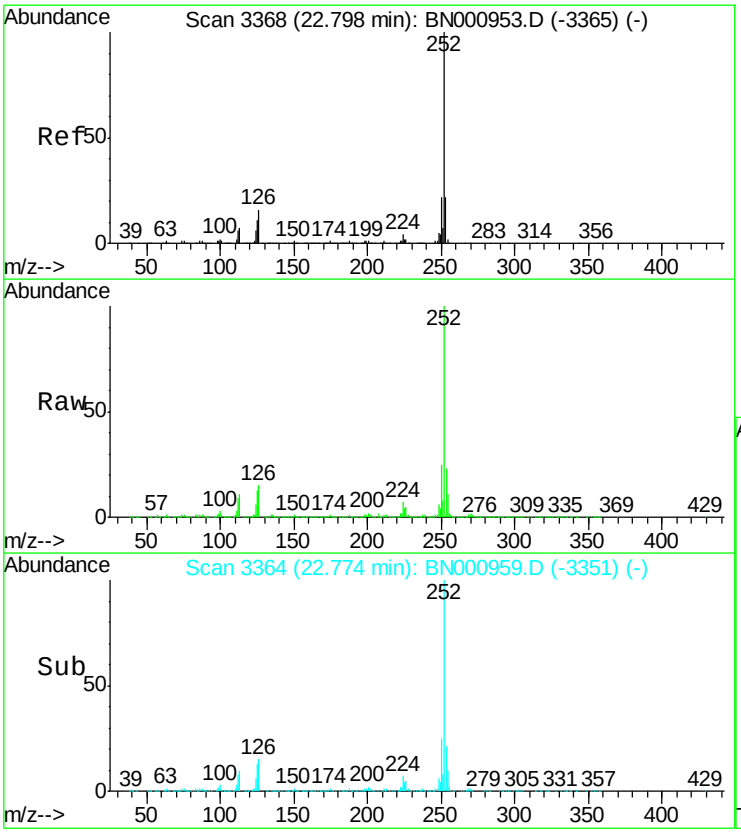
#23
Benzo(b)fluoranthene
Concen: 94.203 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3889856

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.7	8.0	12.0#

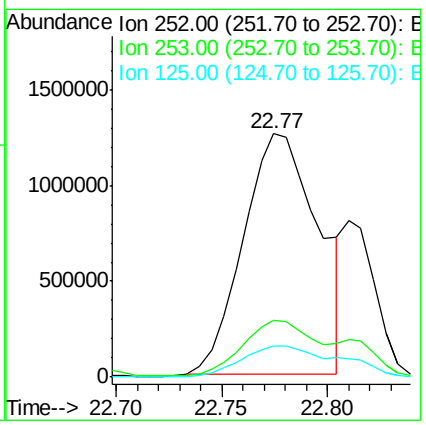


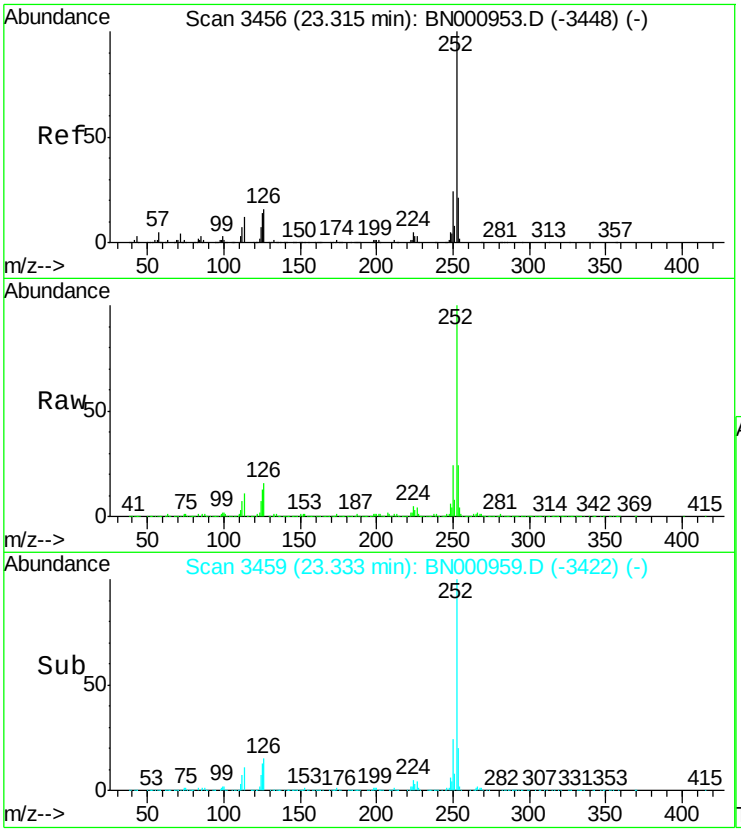


#24
Benzo(k)fluoranthene
Concen: 76.643 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:252 Resp: 3096803

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.7	8.1	12.1#



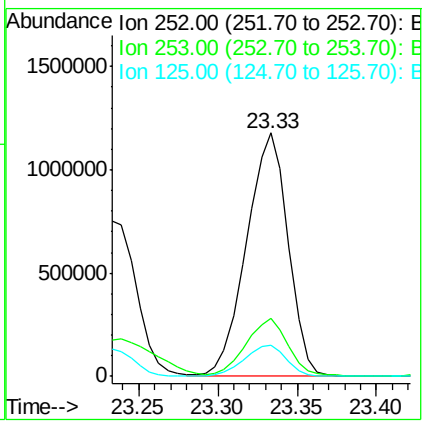


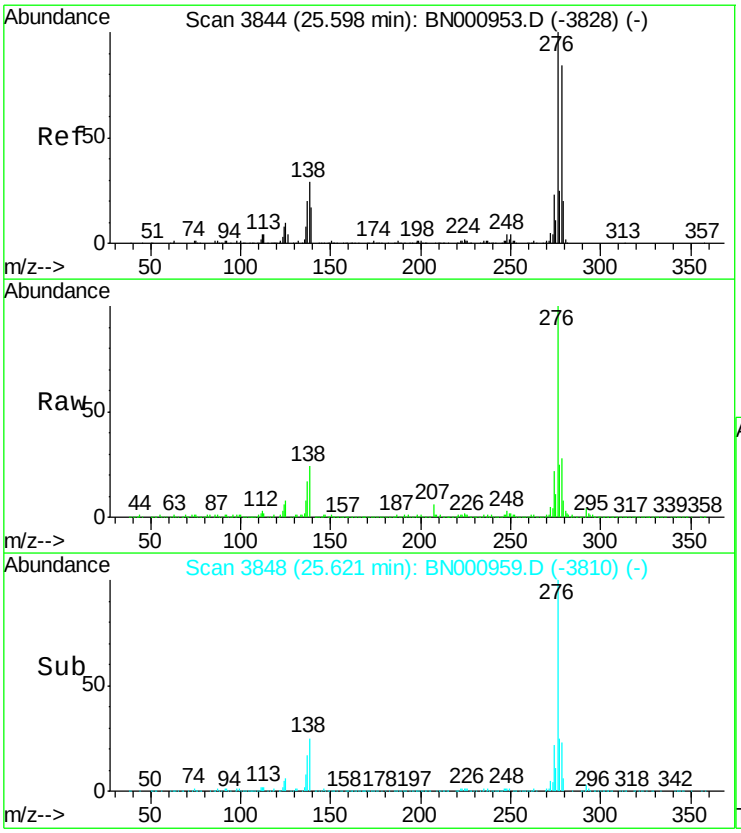
#26
Benzo(a)pyrene
Concen: 53.904 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2127197

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	12.9	8.2	12.4#

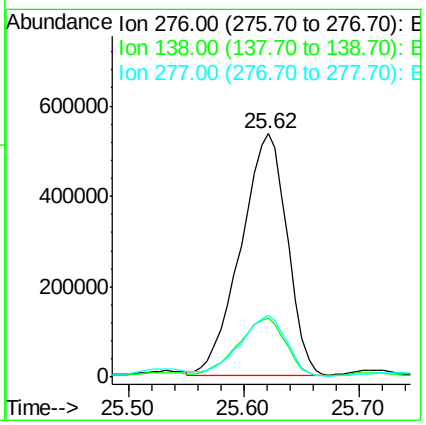


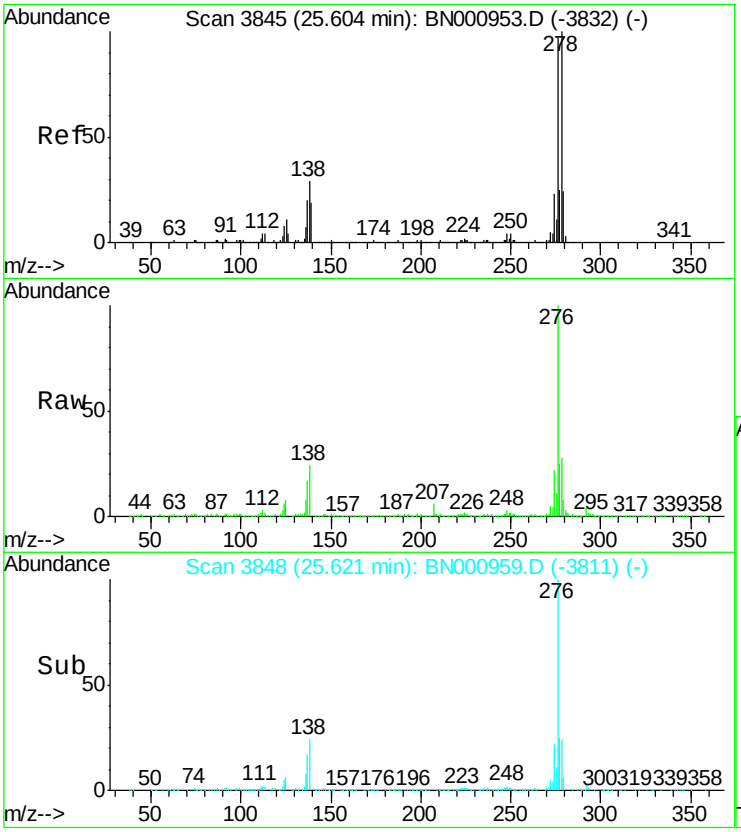


#27
Indeno(1,2,3-cd)pyrene
Concen: 31.330 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:276 Resp: 1493327

Ion	Ratio	Lower	Upper
276	100		
138	24.3	14.4	21.6#
277	25.2	18.0	27.0



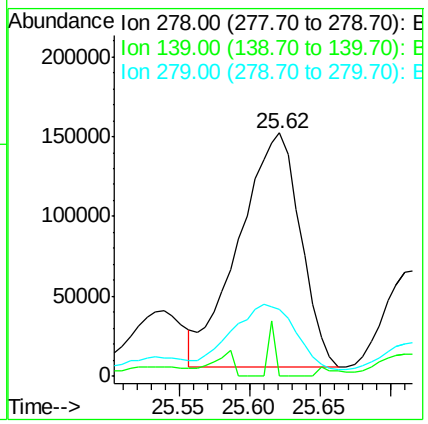


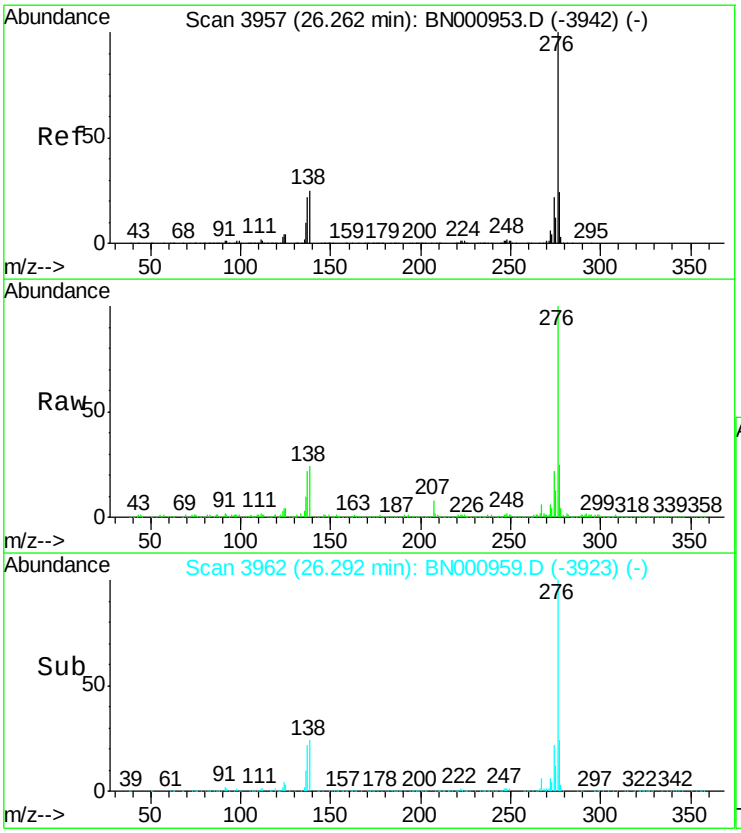
#28
Dibenzo(a,h)anthracene
Concen: 11.180 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 444139

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.3	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 30.061 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.03 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:276 Resp: 1198392

Ion	Ratio	Lower	Upper
276	100		
138	24.5	15.3	22.9#
277	24.6	19.0	28.4