Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
Data File : BN000995.D
Acq On : 30 Apr 2018 16:29
Operator : JU/SJ
Sample : J2599-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 01 01:29:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 01:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139214	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	581527	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	267709	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	491514	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	474266	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	496034	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	700427	27.24	ng/ul	0.00
10) Fluorene-d10	15.25	176	484257	28.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	709967	31.59	ng/ul	0.00
18) Pyrene-d10	19.40	212	732684	30.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	815477	34.80	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	314930	10.745	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	498019	25.468	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	410281	21.391	ng/ul	92
8) Acenaphthylene	13.97	152	461115	18.121	ng/ul	99
9) Acenaphthene	14.32	153	245634	13.971	ng/ul	96
11) Fluorene	15.30	166	247507	13.224	ng/ul	92
13) Phenanthrene	17.05	178	394280	14.708	ng/ul	100
15) Anthracene	17.13	178	492601	18.320	ng/ul	99
16) Fluoranthene	19.07	202	1039665	38.226	ng/ul#	92
19) Pyrene	19.43	202	435980	14.312	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	419360	14.792	ng/ul	99
21) Chrysene	21.25	228	389489	14.617	ng/ul	99
23) Benzo(b)fluoranthene	22.76	252	1343022	47.642	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	360532	13.070	ng/ul#	97
26) Benzo(a)pyrene	23.31	252	343761	12.760	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.59	276	505122	15.523	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.59	278	503216	18.555	ng/ul#	95
29) Benzo(g,h,i)perylene	26.25	276	451399	16.586	ng/ul#	93

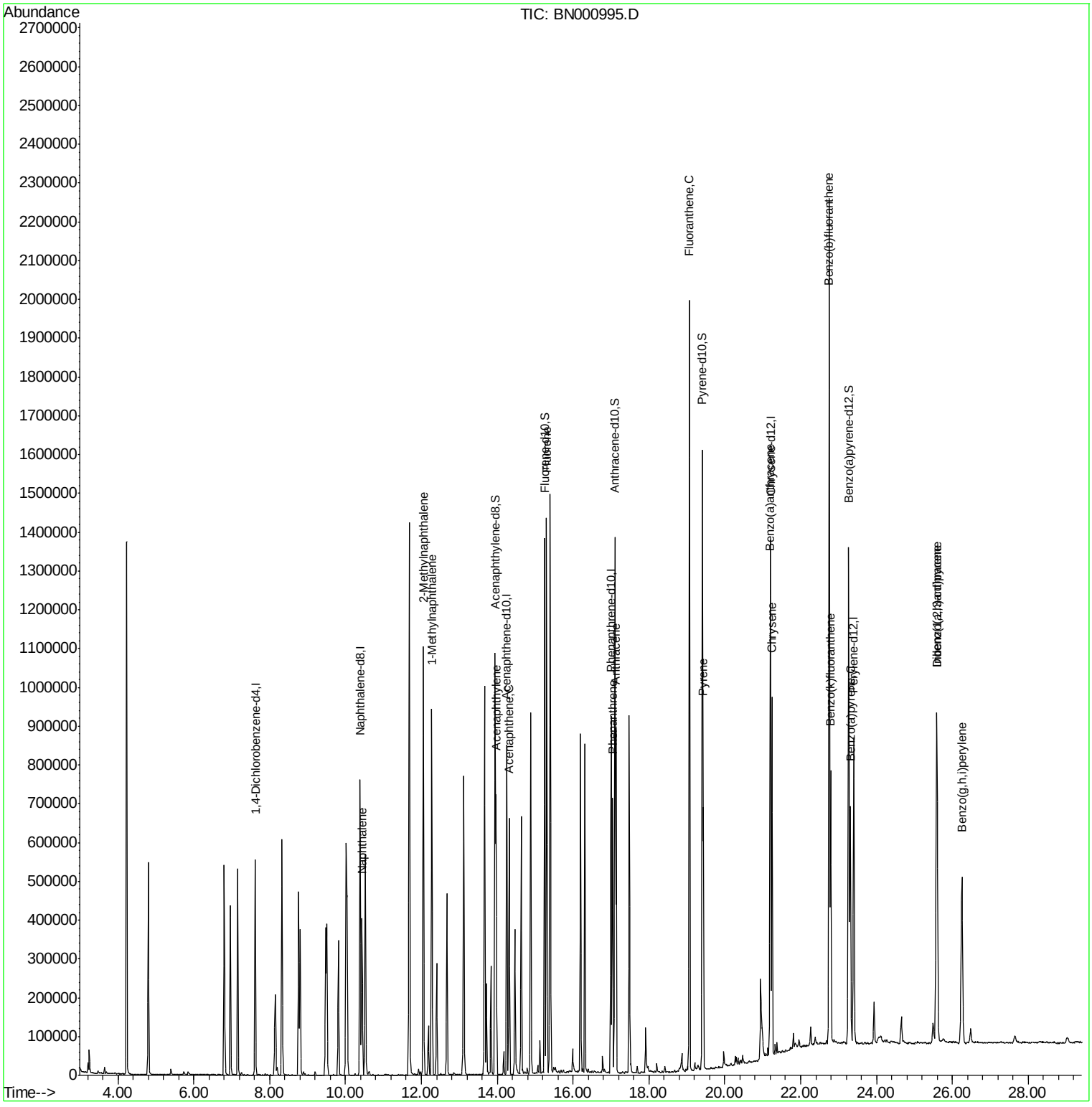
(#) = qualifier out of range (m) = manual integration (+) = signals summed

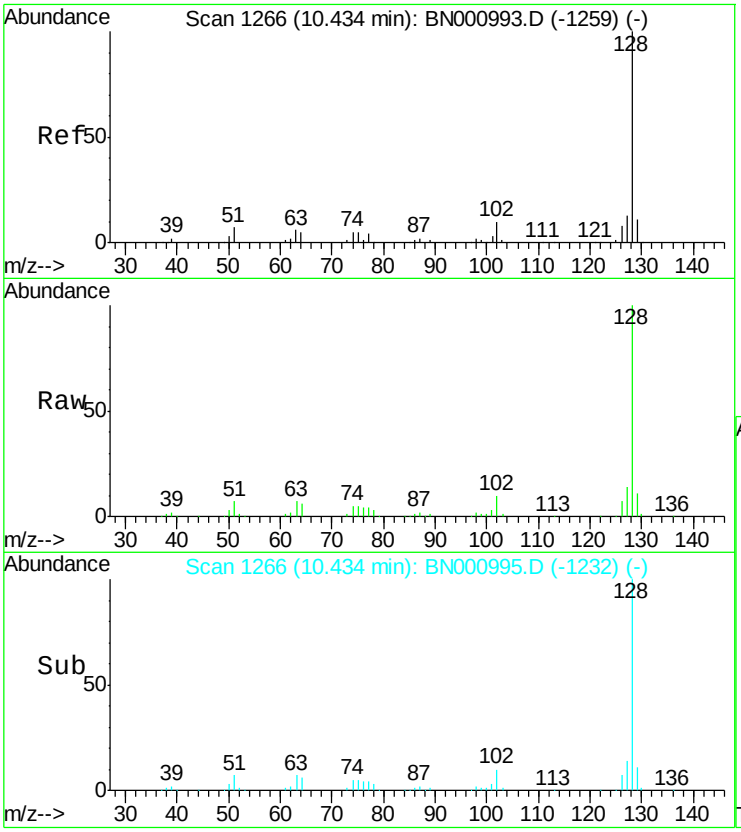
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
Data File : BN000995.D
Acq On : 30 Apr 2018 16:29
Operator : JU/SJ
Sample : J2599-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 01 01:29:55 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 01:29:35 2018
Response via : Initial Calibration



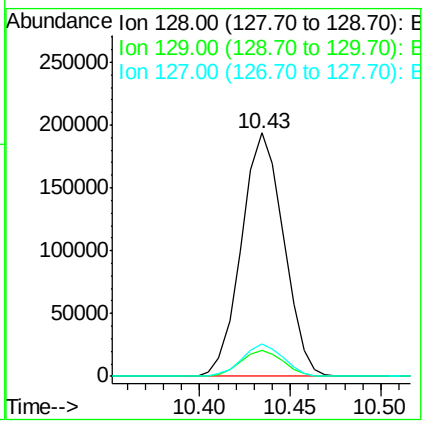


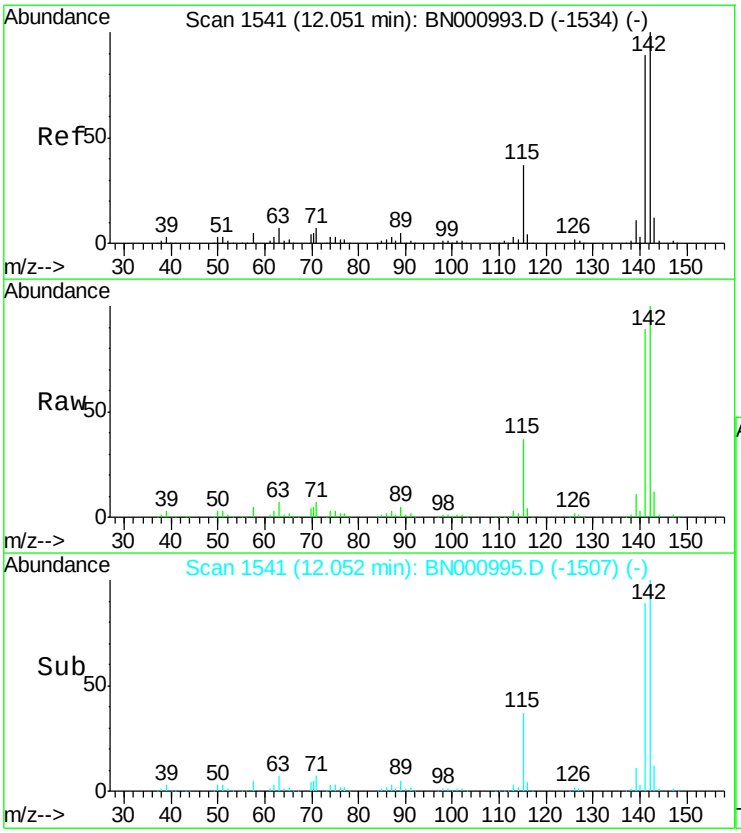
#3
Naphthalene
Concen: 10.745 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 314930

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.6	10.6	16.0

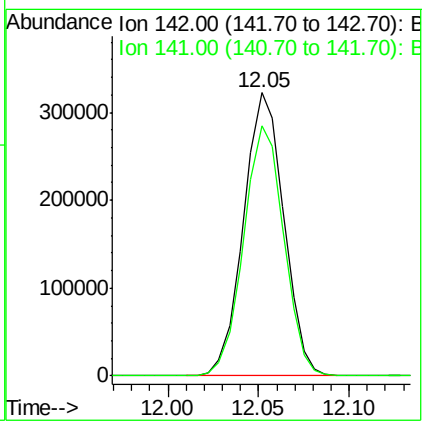


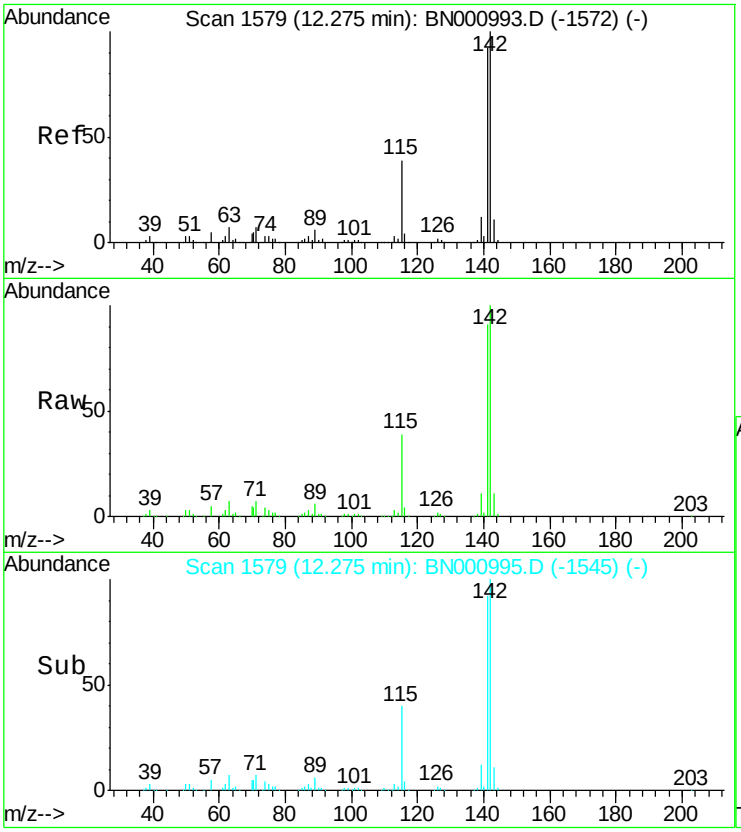


#4
2-Methylnaphthalene
Concen: 25.468 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:142 Resp: 498019

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.7	109.1



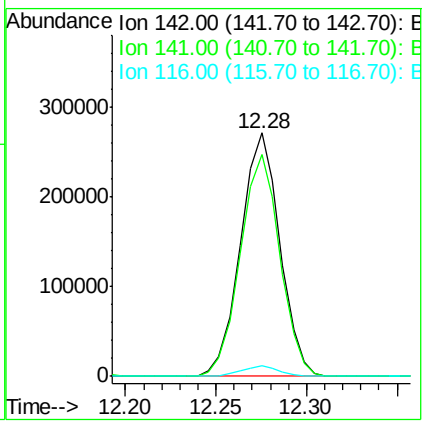


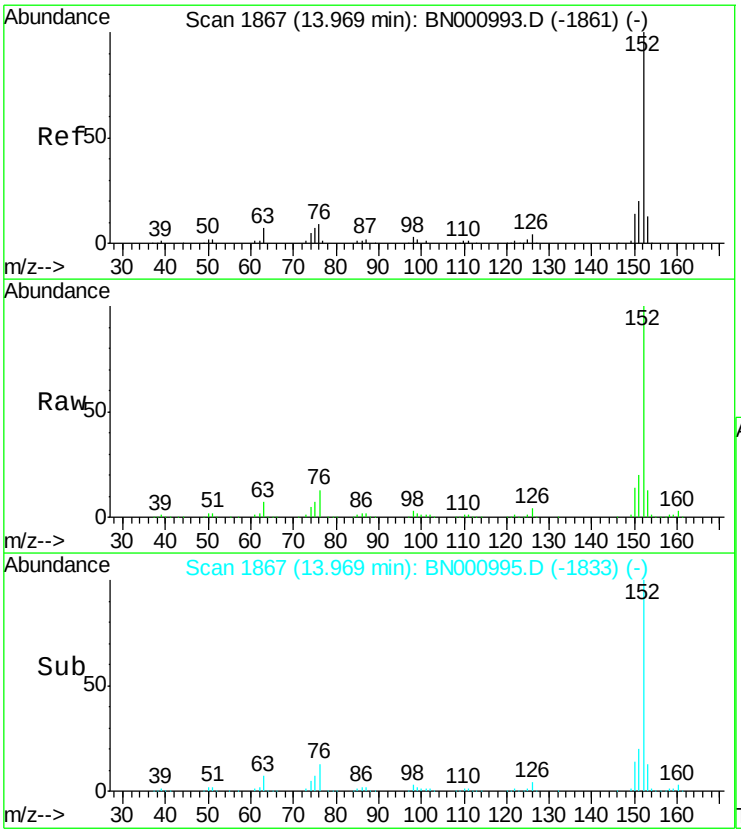
#5
1-Methylnaphthalene
Concen: 21.391 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 410281

Ion	Ratio	Lower	Upper
142	100		
141	91.1	79.3	118.9
116	4.2	4.2	6.2

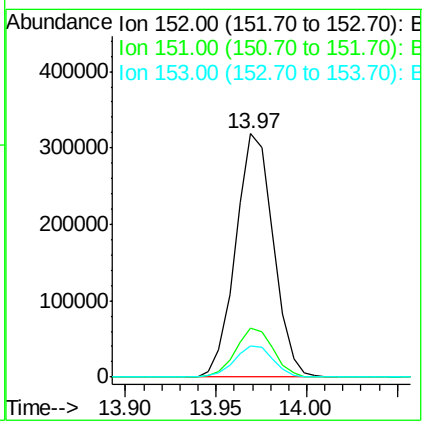


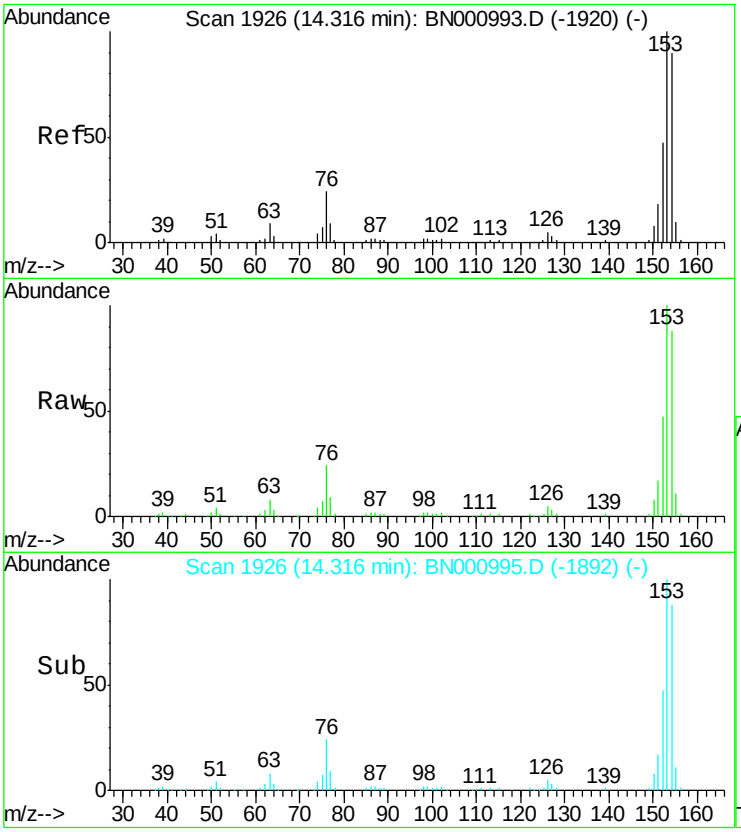


#8
Acenaphthylene
Concen: 18.121 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:152 Resp: 461115

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	13.0	10.2	15.4



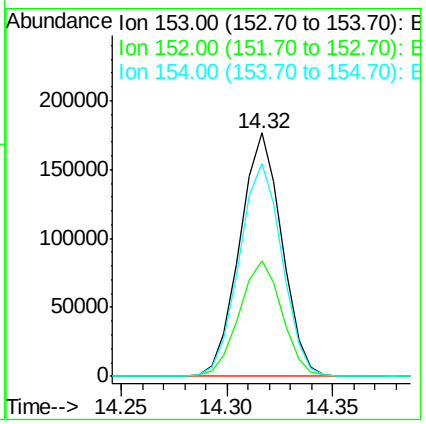


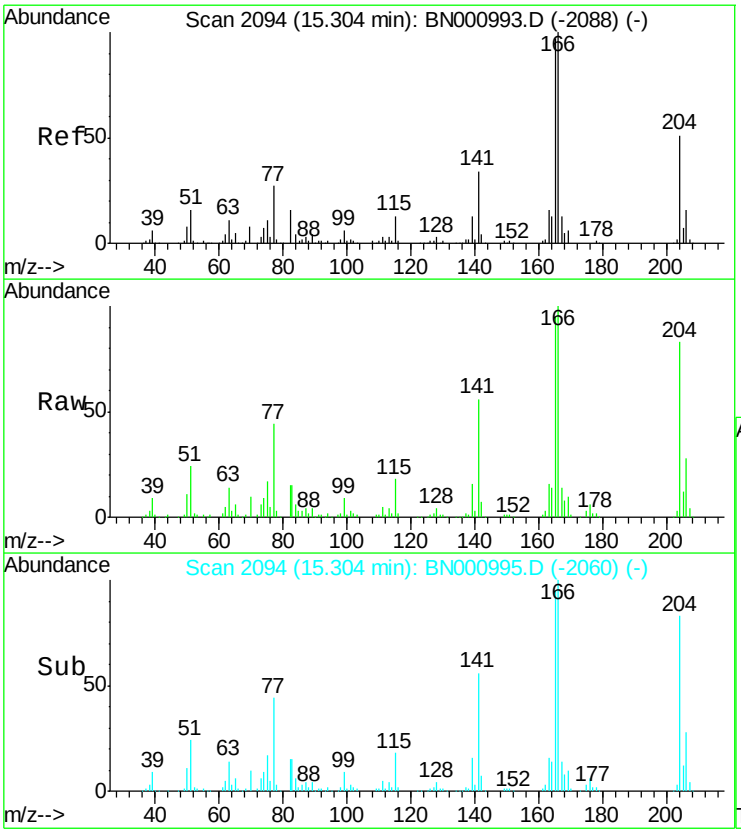
#9
Acenaphthene
Concen: 13.971 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 245634

Ion	Ratio	Lower	Upper
153	100		
152	47.4	39.0	58.6
154	87.7	66.8	100.2

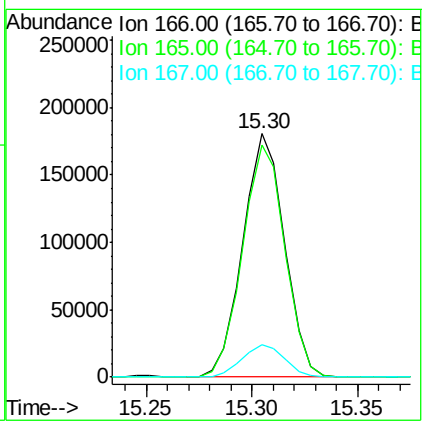


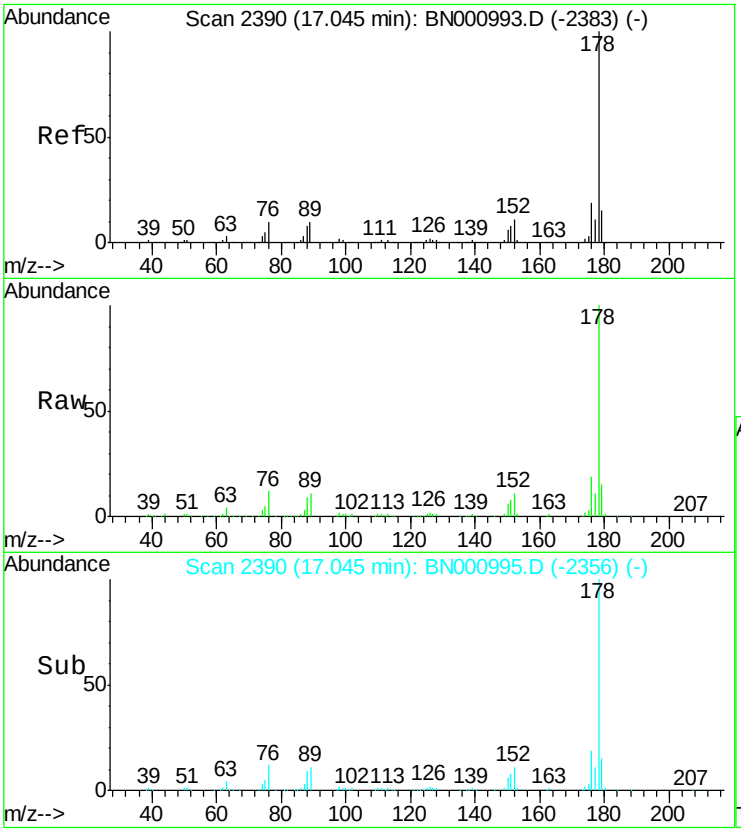


#11
Fluorene
Concen: 13.224 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:166 Resp: 247507

Ion	Ratio	Lower	Upper
166	100		
165	95.3	83.8	125.8
167	13.5	11.5	17.3



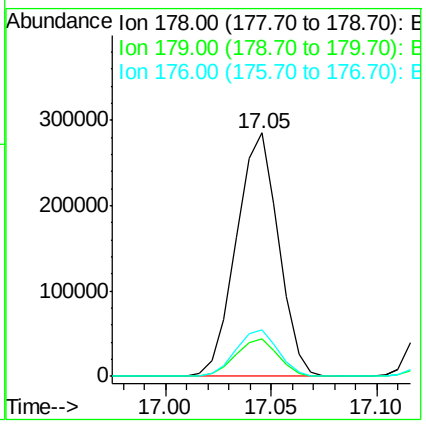


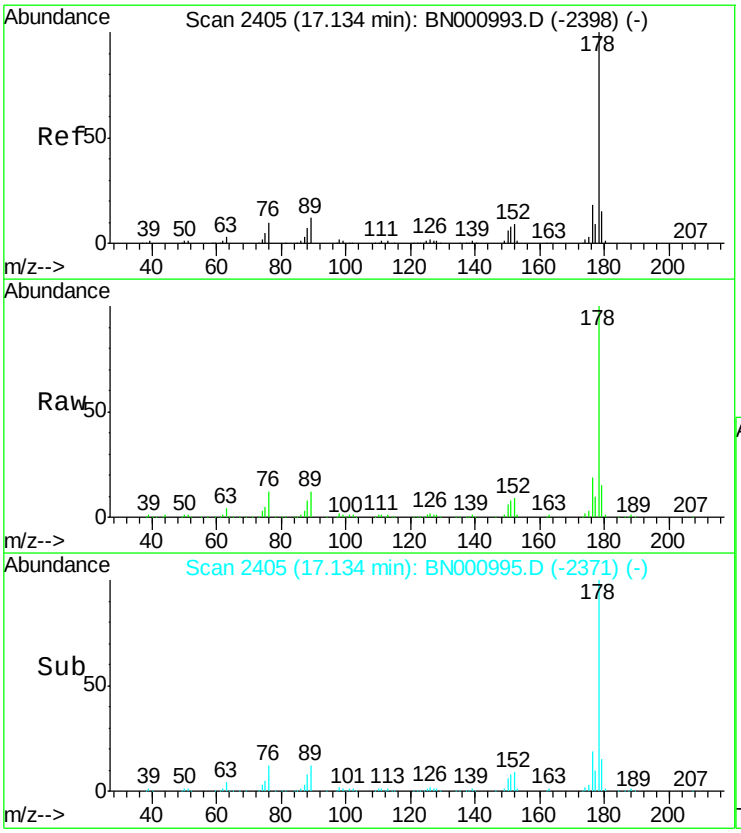
#13
Phenanthrene
Concen: 14.708 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 394280

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.1	22.7

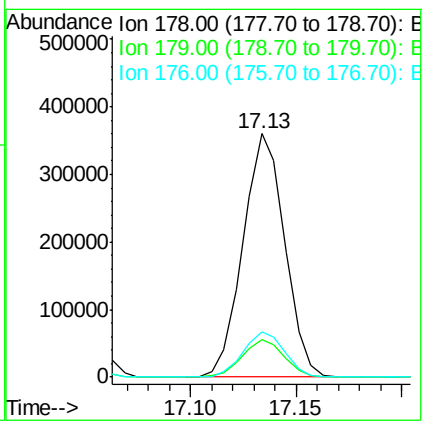


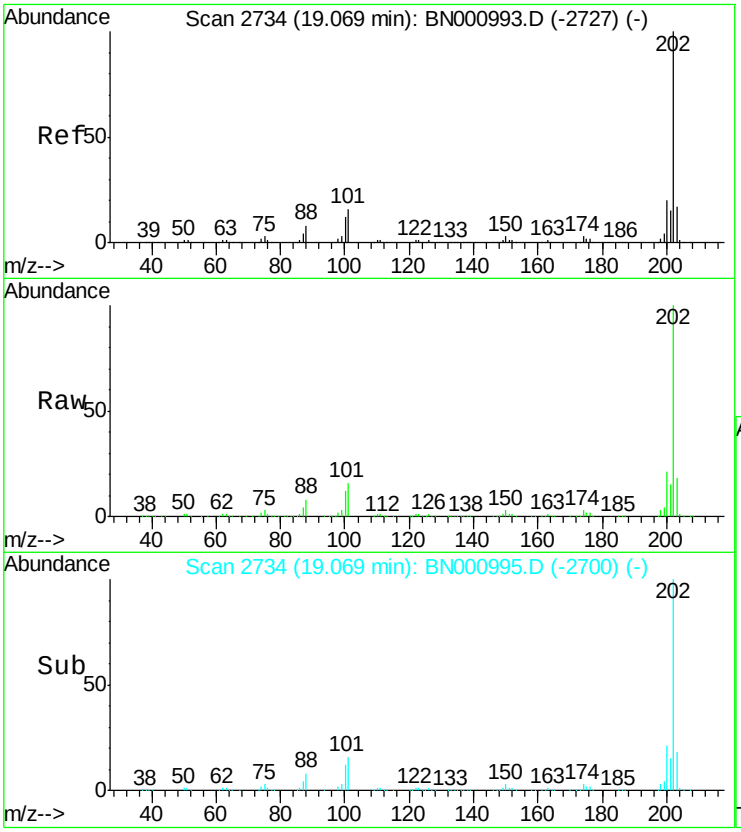


#15
Anthracene
Concen: 18.320 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:178 Resp: 492601

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.8	15.2	22.8



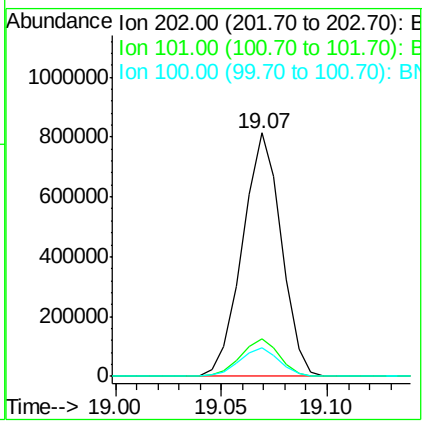


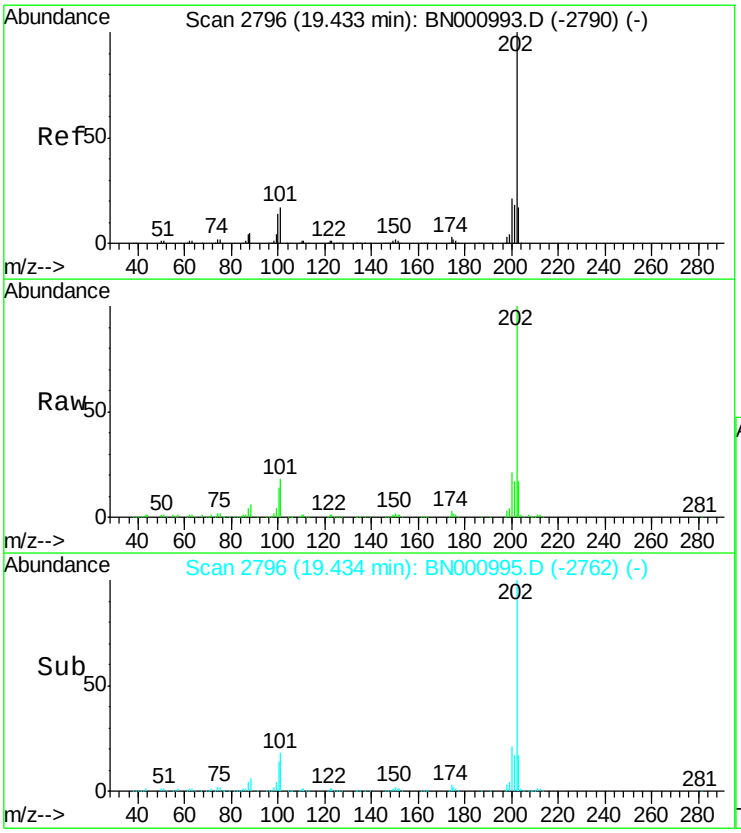
#16
Fluoranthene
Concen: 38.226 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1039665

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.9	7.4	11.0#

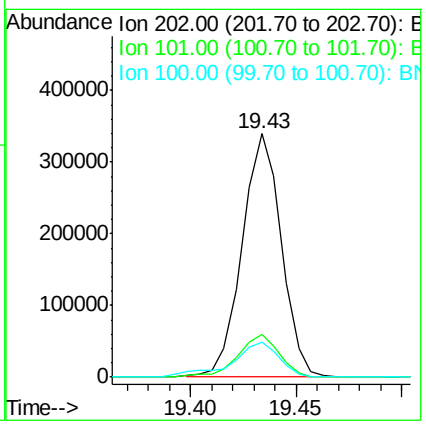


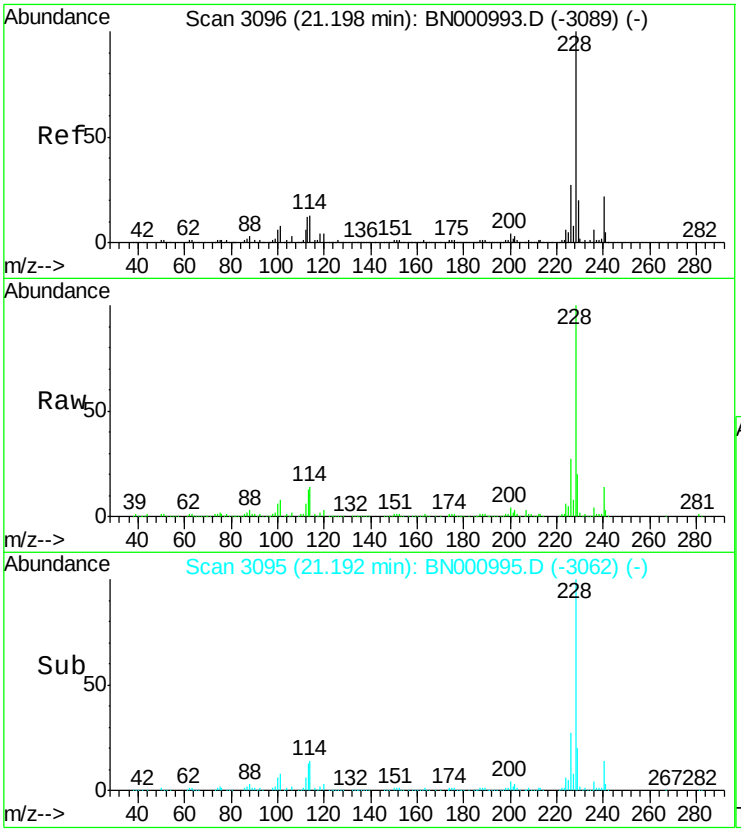


#19
Pyrene
Concen: 14.312 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:202 Resp: 435980

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.4	8.1	12.1#



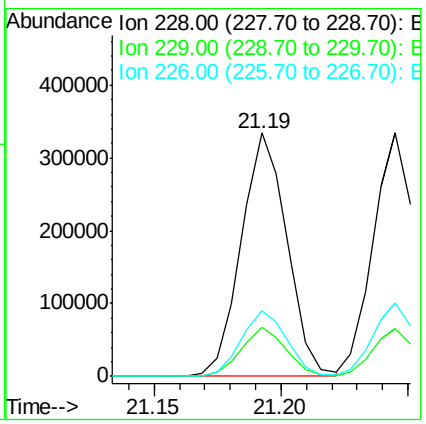


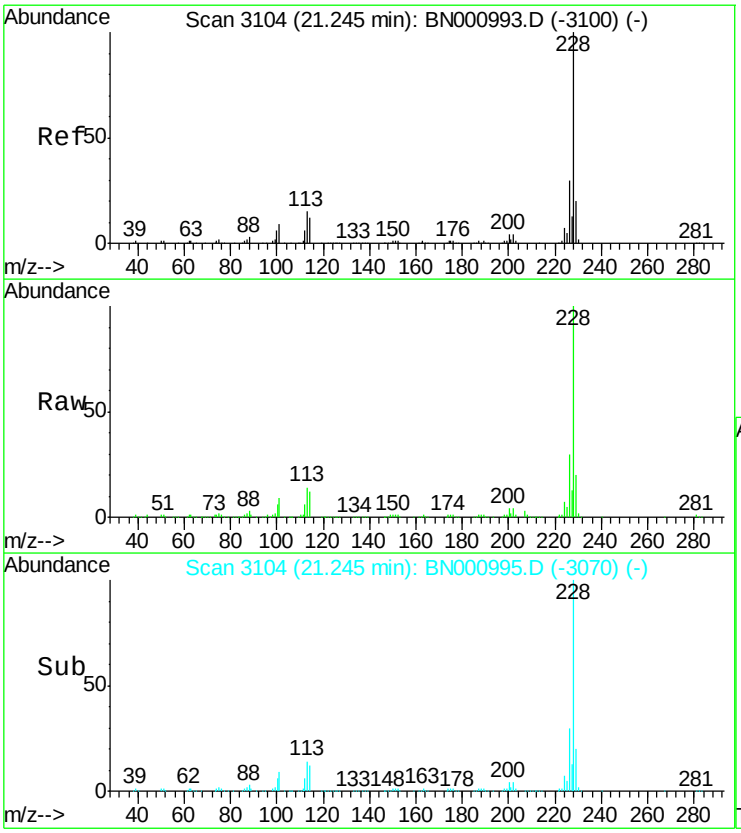
#20
Benzo(a)anthracene
Concen: 14.792 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 419360

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.0	21.1	31.7

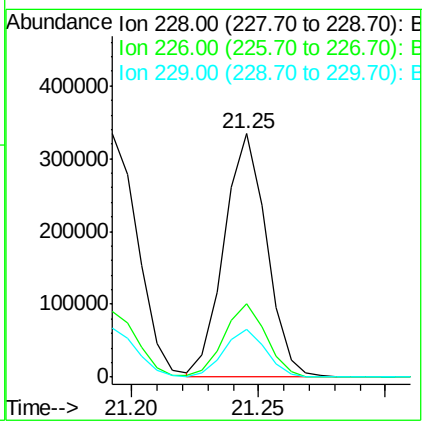


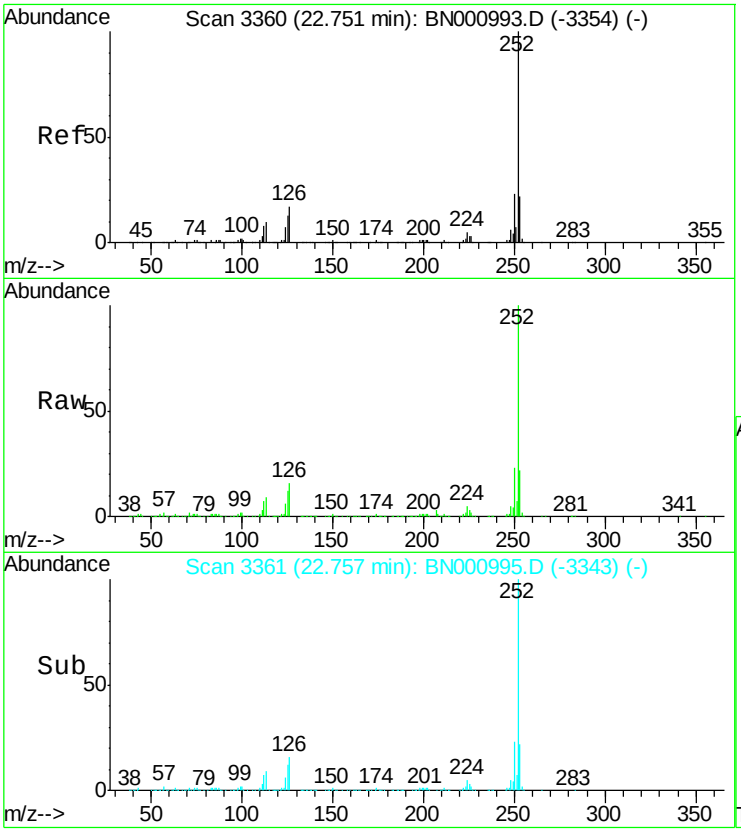


#21
Chrysene
Concen: 14.617 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:228 Resp: 389489

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.9	15.8	23.8



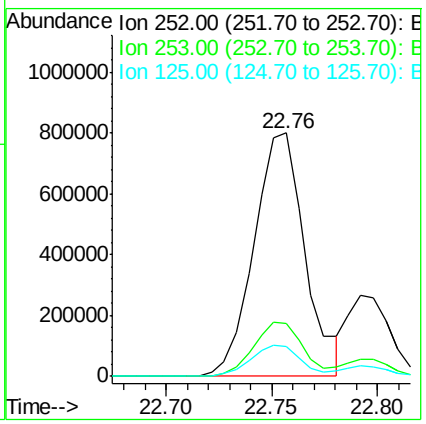


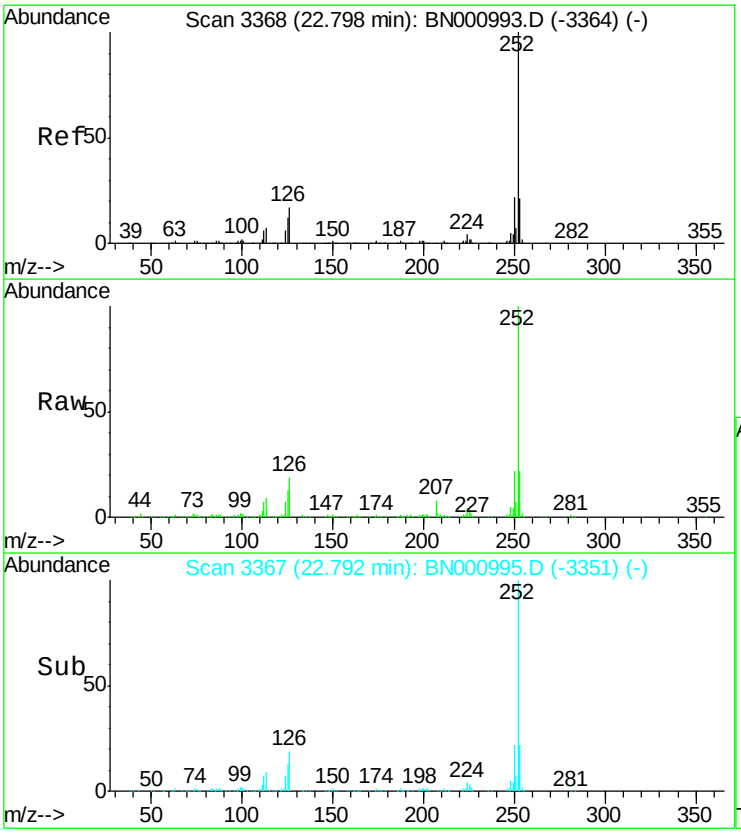
#23
Benzo(b)fluoranthene
Concen: 47.642 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1343022

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	12.2	8.0	12.0#

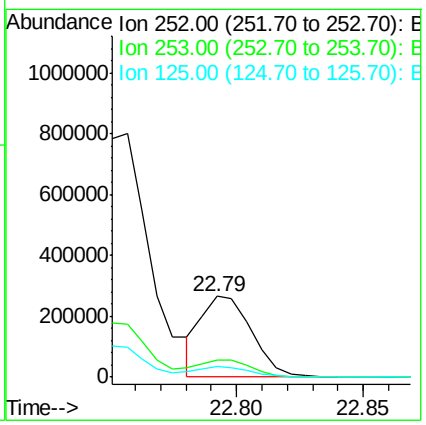


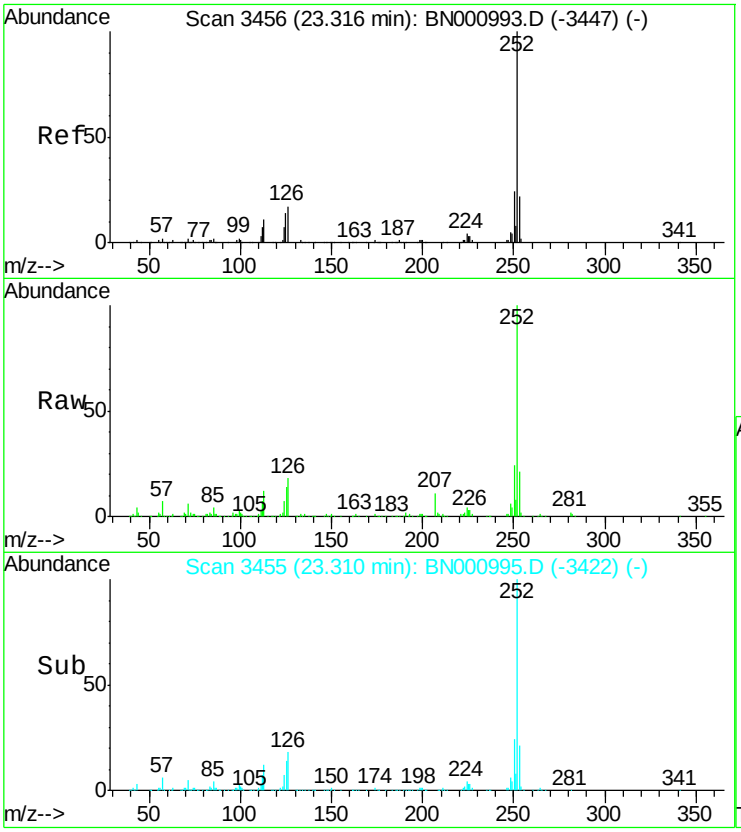


#24
Benzo(k)fluoranthene
Concen: 13.070 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:252 Resp: 360532

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	13.1	8.1	12.1#



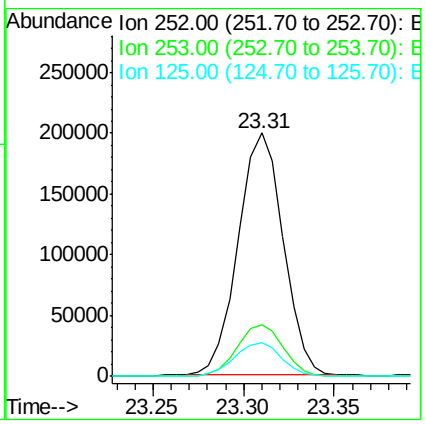


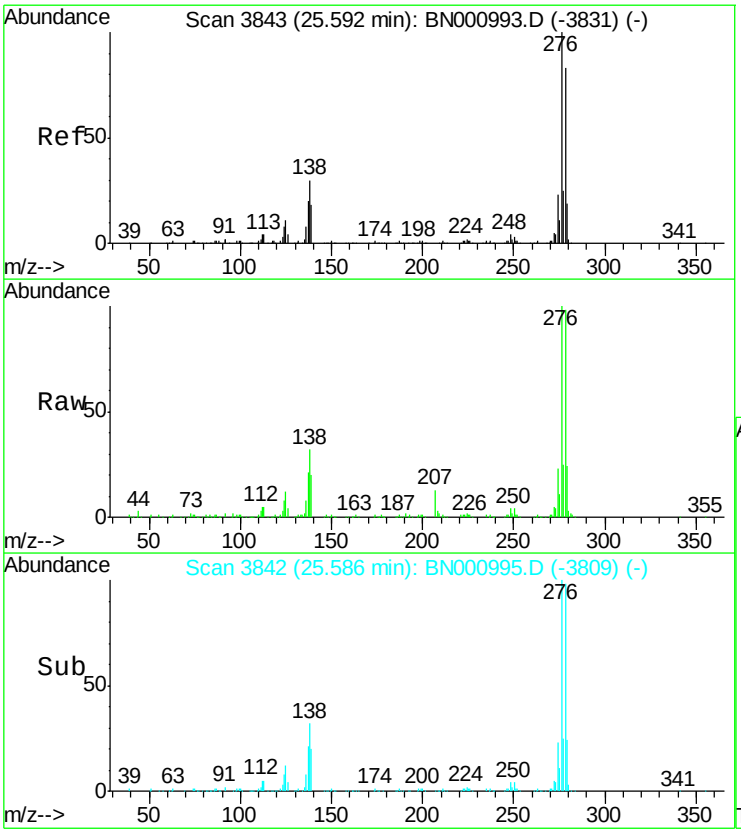
#26
Benzo(a)pyrene
Concen: 12.760 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 343761

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	13.9	8.2	12.4#

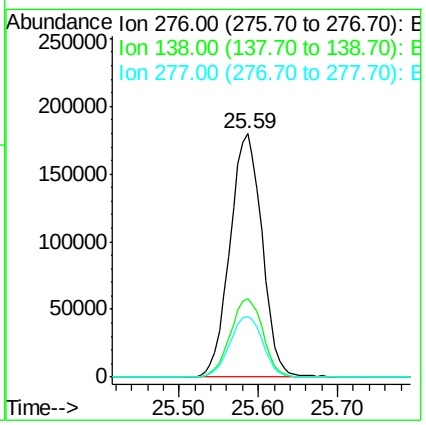


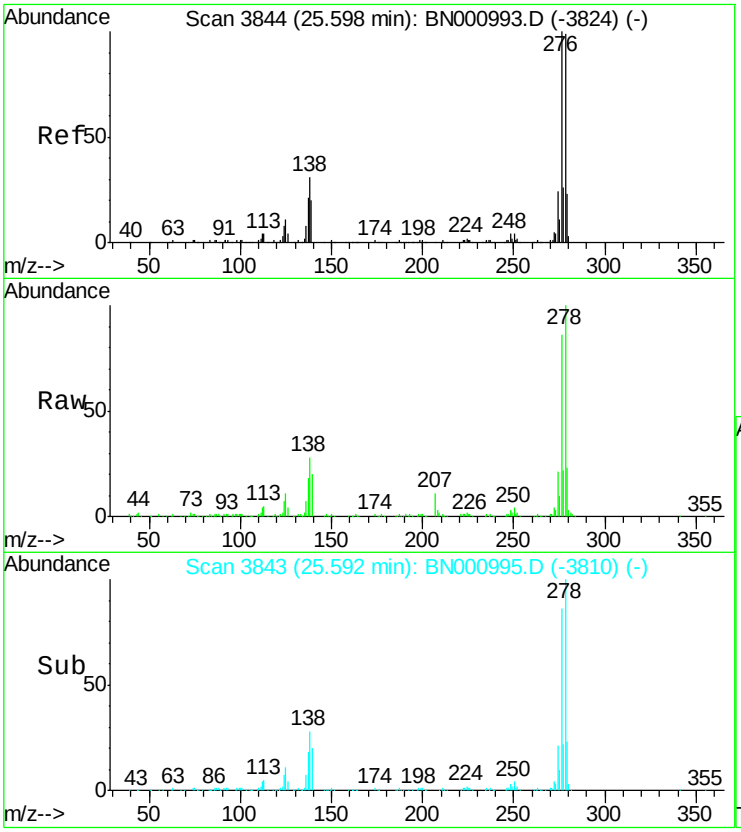


#27
Indeno(1,2,3-cd)pyrene
Concen: 15.523 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:276 Resp: 505122

Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	25.1	18.0	27.0



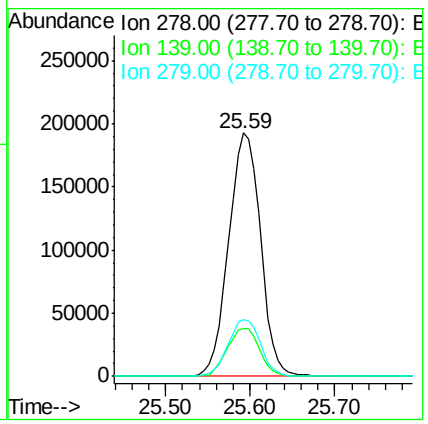


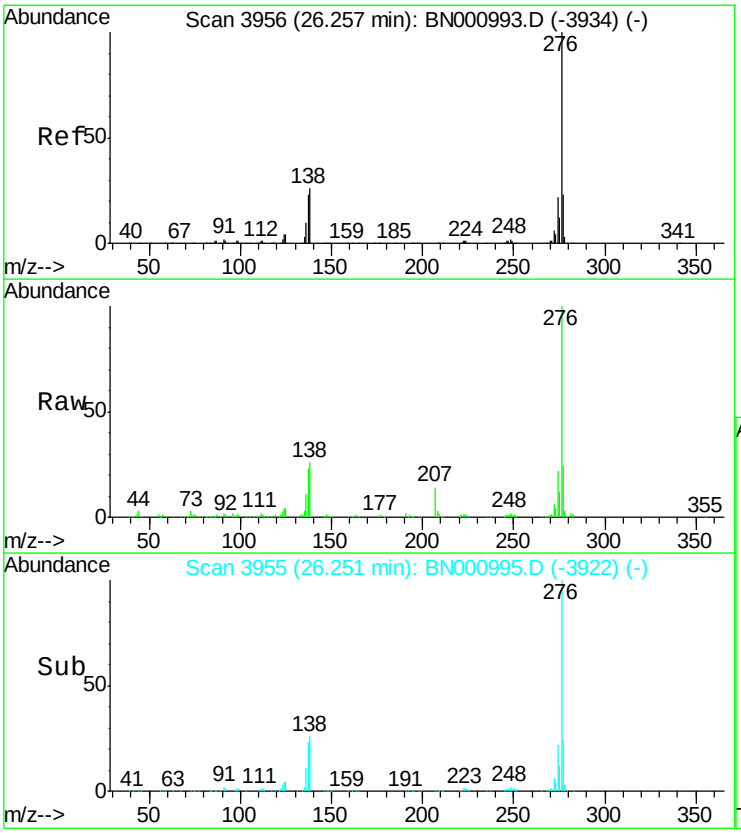
#28
Dibenzo(a,h)anthracene
Concen: 18.555 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 503216

Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.2	18.4#
279	23.4	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 16.586 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BN000995.D
Acq: 30 Apr 2018 16:29

Tgt Ion:276 Resp: 451399

Ion	Ratio	Lower	Upper
276	100		
138	26.0	15.3	22.9#
277	24.0	19.0	28.4