Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000848.D
Acq On : 24 Apr 2018 13:55
Operator : JU/SJ
Sample : J2443-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 25 07:27:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 13:09:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	585928	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	294264	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	553609	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	456971	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	471985	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	718006	25.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	476269	25.25	ng/ul	0.00
14) Anthracene-d10	17.10	188	671417	26.52	ng/ul	0.00
18) Pyrene-d10	19.40	212	647316	27.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	580623	26.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	307929	10.428	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	491010	24.921	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	405362	20.976	ng/ul#	93
8) Acenaphthylene	13.97	152	465094	16.628	ng/ul	98
9) Acenaphthene	14.32	153	240075	12.422	ng/ul	95
11) Fluorene	15.30	166	246808	11.997	ng/ul	93
13) Phenanthrene	17.04	178	393447	13.031	ng/ul	100
15) Anthracene	17.13	178	490116	16.183	ng/ul	98
16) Fluoranthene	19.06	202	954338	31.153	ng/ul#	92
19) Pyrene	19.43	202	392000	13.355	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	340689	12.472	ng/ul	99
21) Chrysene	21.24	228	321636	12.527	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	1100415	41.025	ng/ul#	97
24) Benzo(k)fluoranthene	22.78	252	321041	12.232	ng/ul#	97
26) Benzo(a)pyrene	23.29	252	285285	11.129	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	422973	13.661	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	417649	16.185	ng/ul#	96
29) Benzo(g,h,i)perylene	26.22	276	374491	14.461	ng/ul#	92

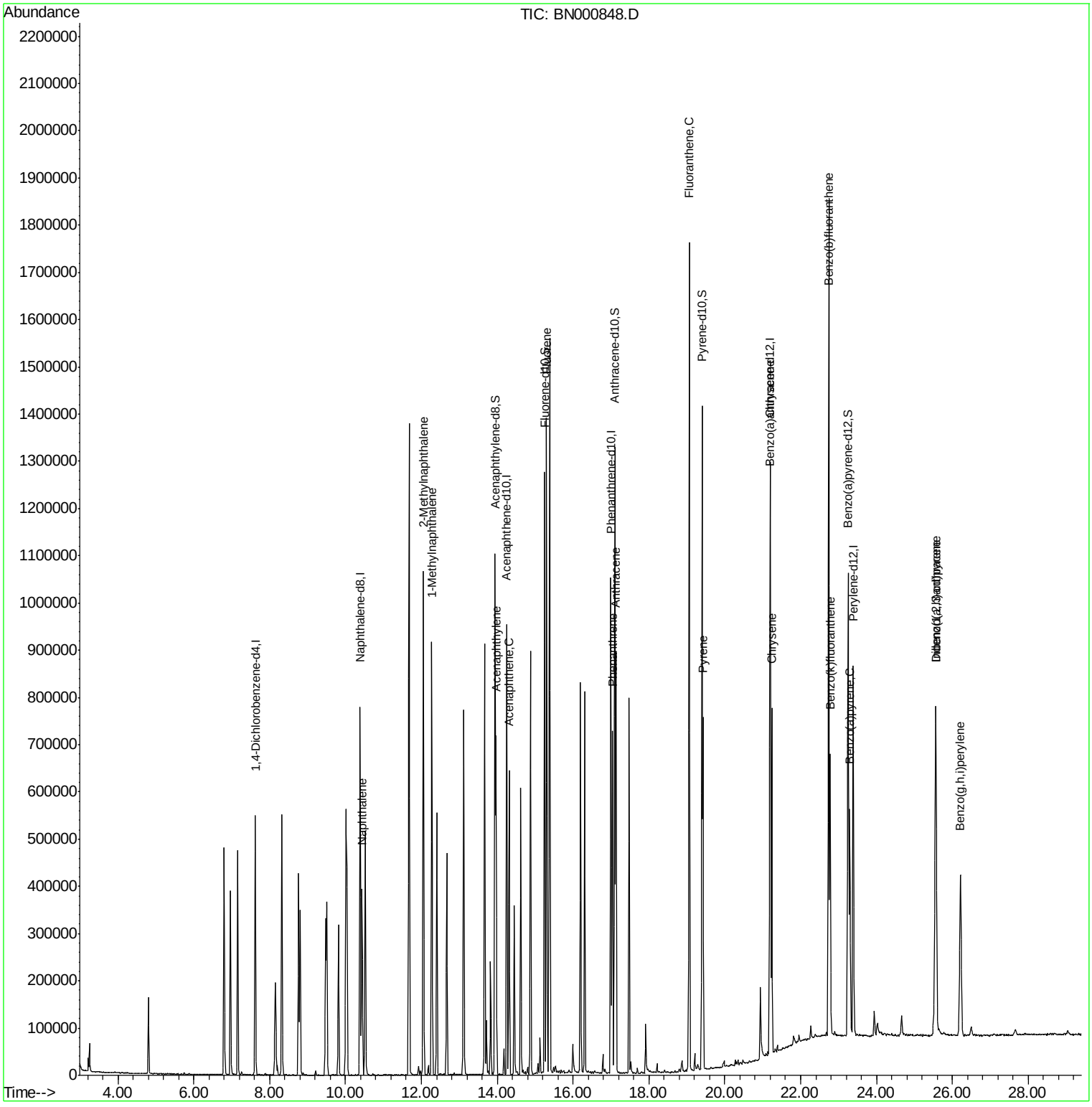
(#) = qualifier out of range (m) = manual integration (+) = signals summed

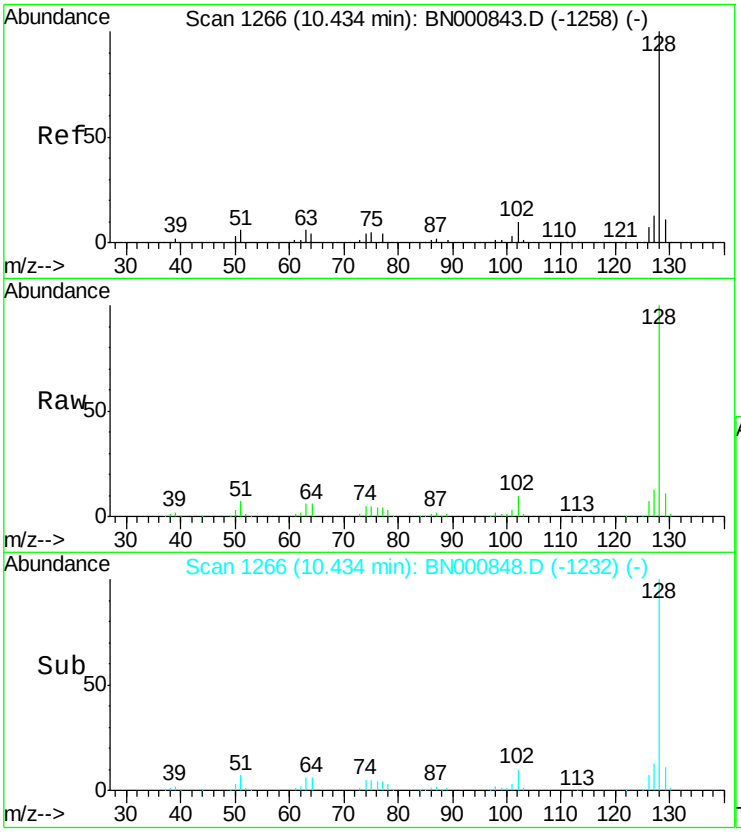
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000848.D
Acq On : 24 Apr 2018 13:55
Operator : JU/SJ
Sample : J2443-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 25 07:27:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 13:09:24 2018
Response via : Initial Calibration



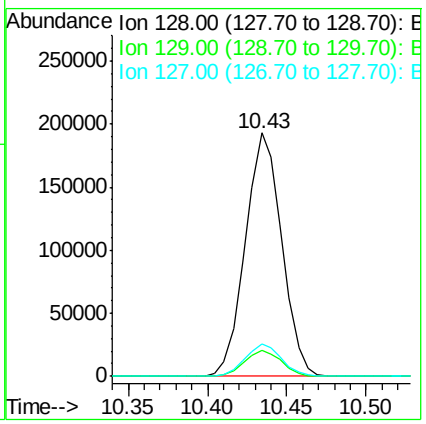


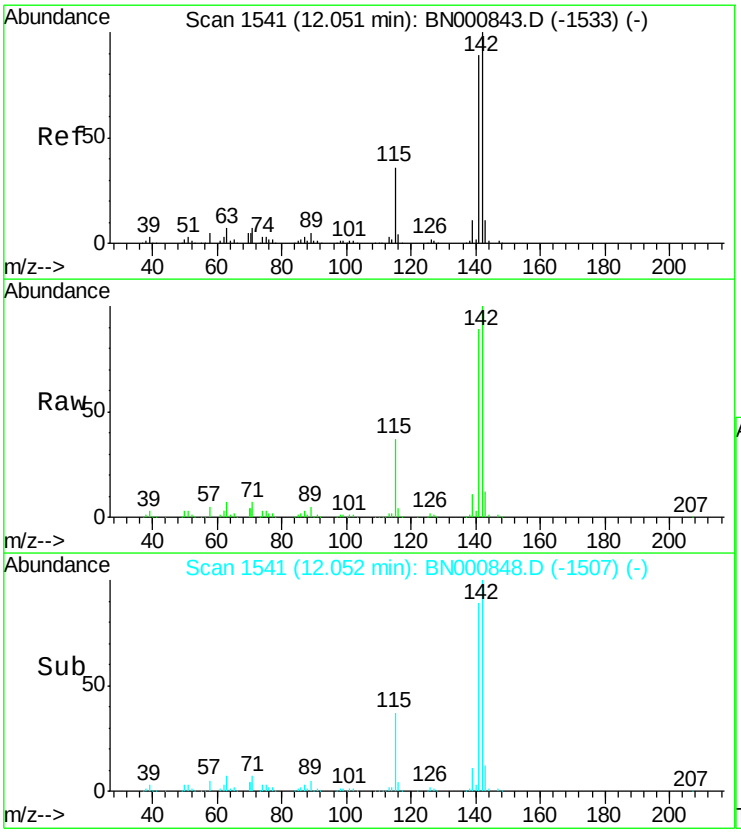
#3
Naphthalene
Concen: 10.428 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 307929

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

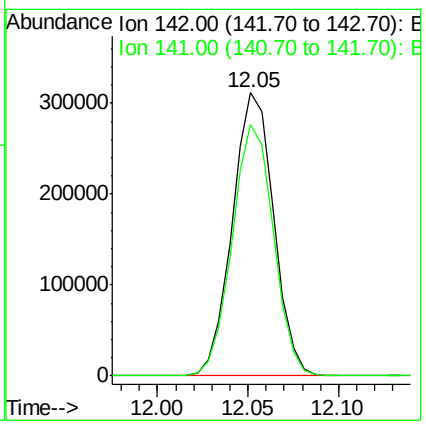


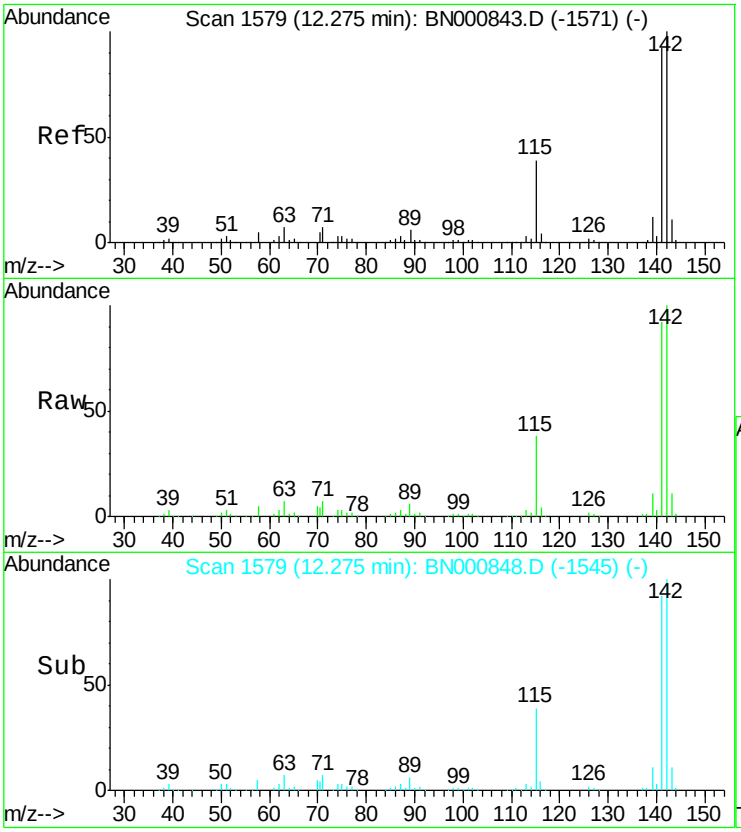


#4
2-Methylnaphthalene
Concen: 24.921 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:142 Resp: 491010

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.7	109.1



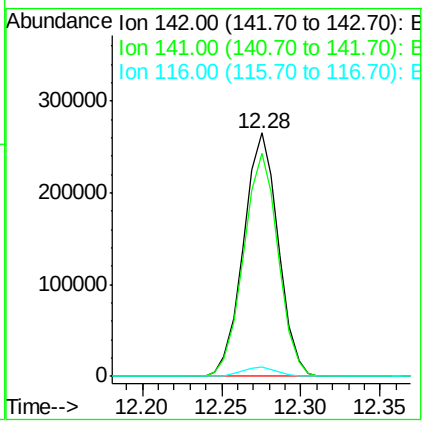


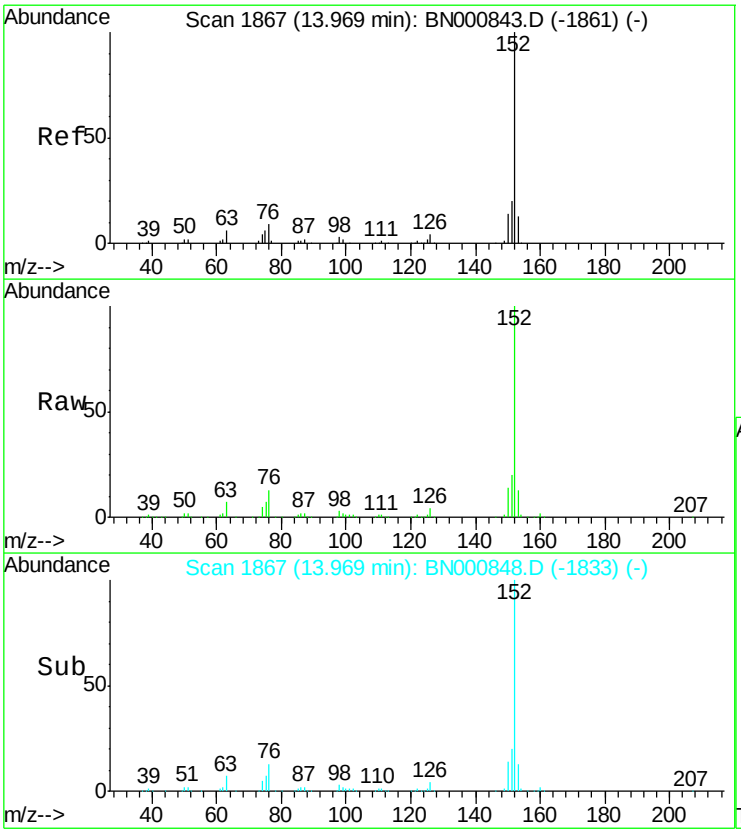
#5
1-Methylnaphthalene
Concen: 20.976 ng/ul
RT: 12.28 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 405362

Ion	Ratio	Lower	Upper
142	100		
141	91.7	79.3	118.9
116	4.0	4.2	6.2#

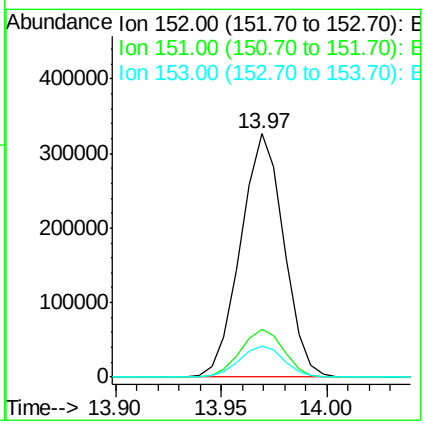


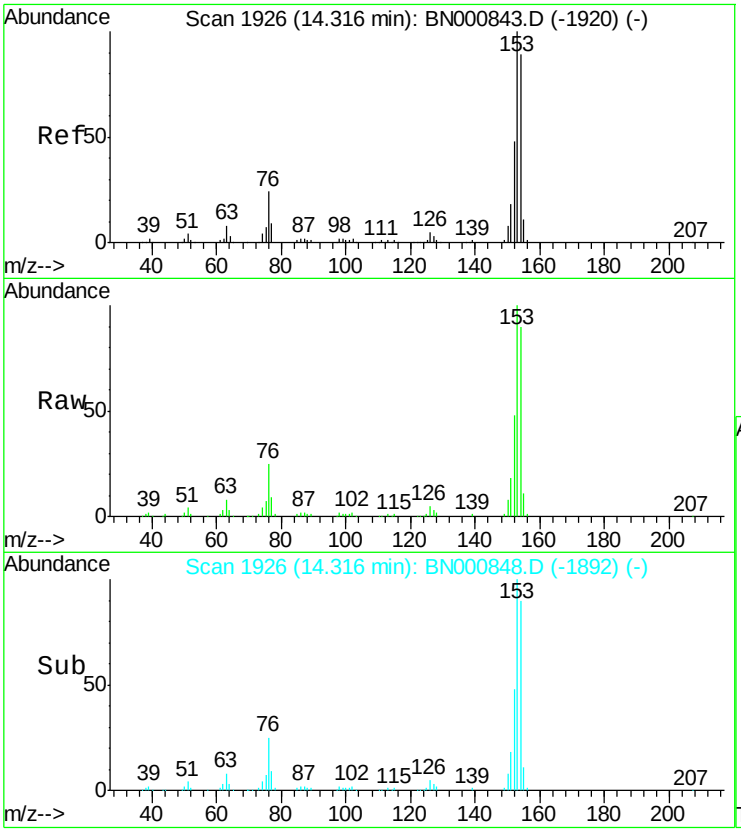


#8
Acenaphthylene
Concen: 16.628 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:152 Resp: 465094

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.7	25.1
153	12.9	10.2	15.4



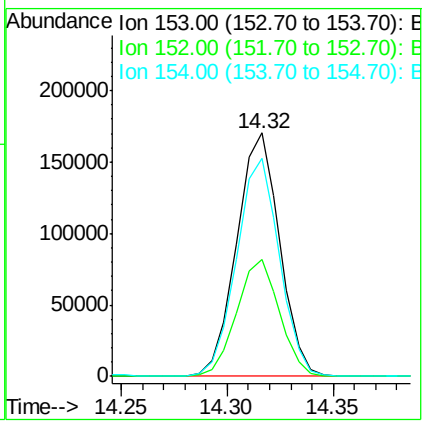


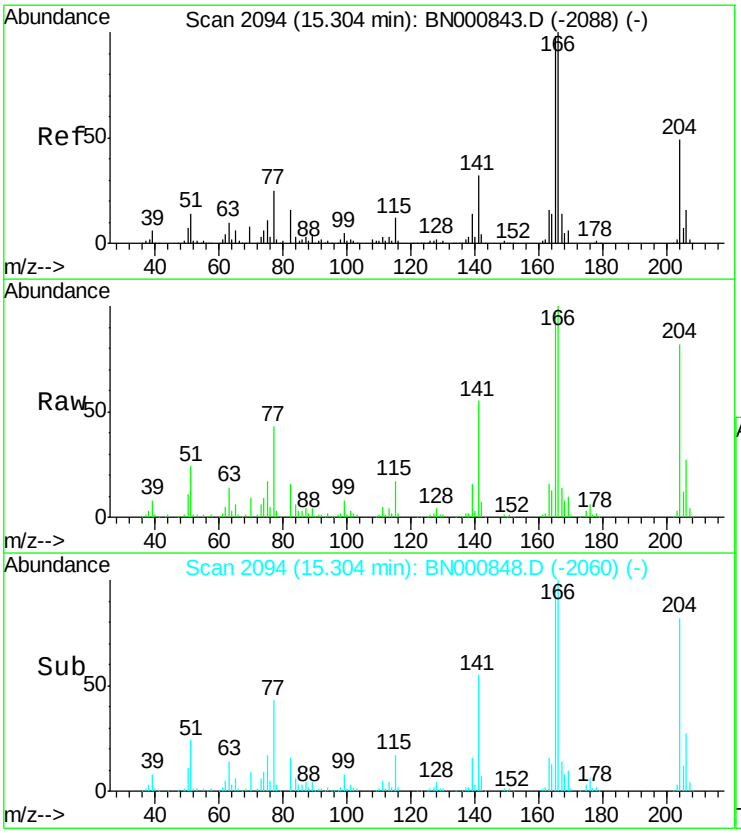
#9
Acenaphthene
Concen: 12.422 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 240075

Ion	Ratio	Lower	Upper
153	100		
152	47.8	39.0	58.6
154	89.7	66.8	100.2

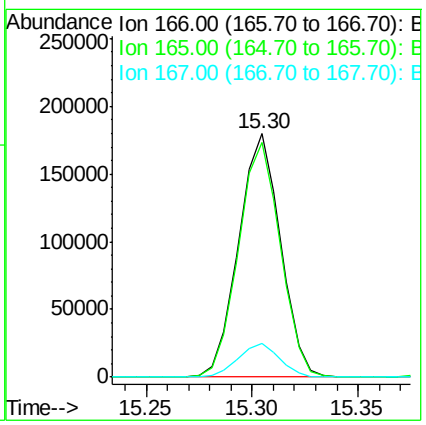


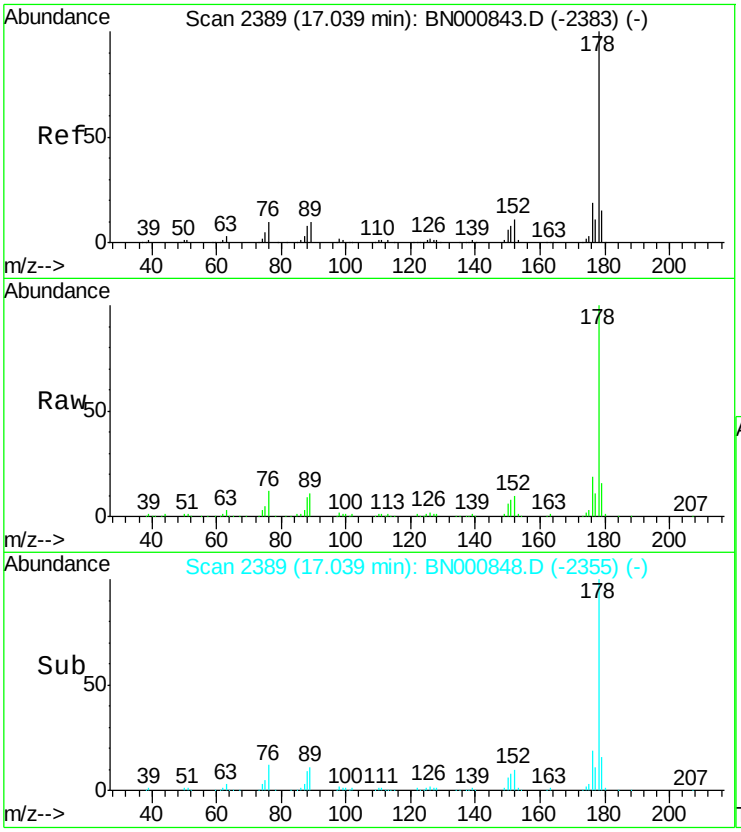


#11
Fluorene
Concen: 11.997 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:166 Resp: 246808

Ion	Ratio	Lower	Upper
166	100		
165	96.5	83.8	125.8
167	13.8	11.5	17.3



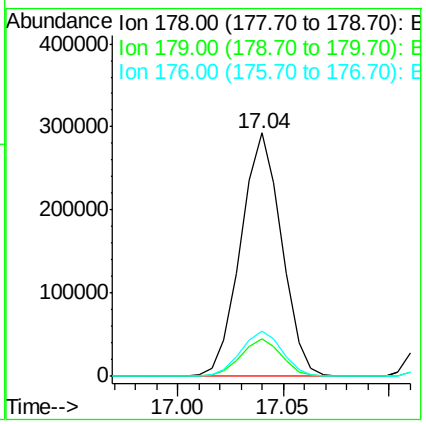


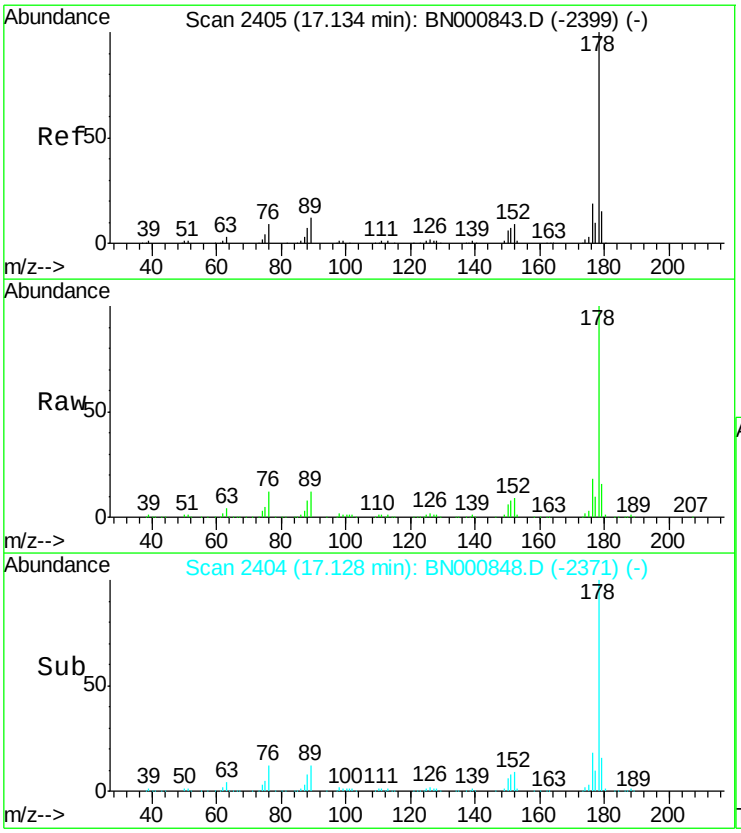
#13
Phenanthrene
Concen: 13.031 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 393447

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7

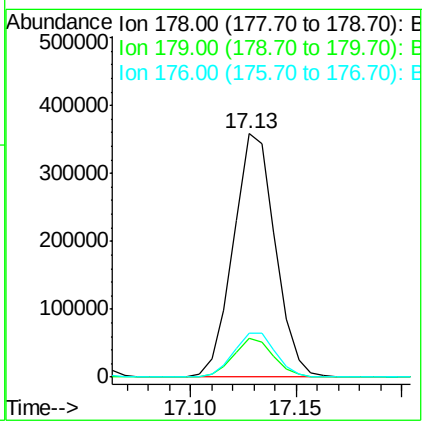


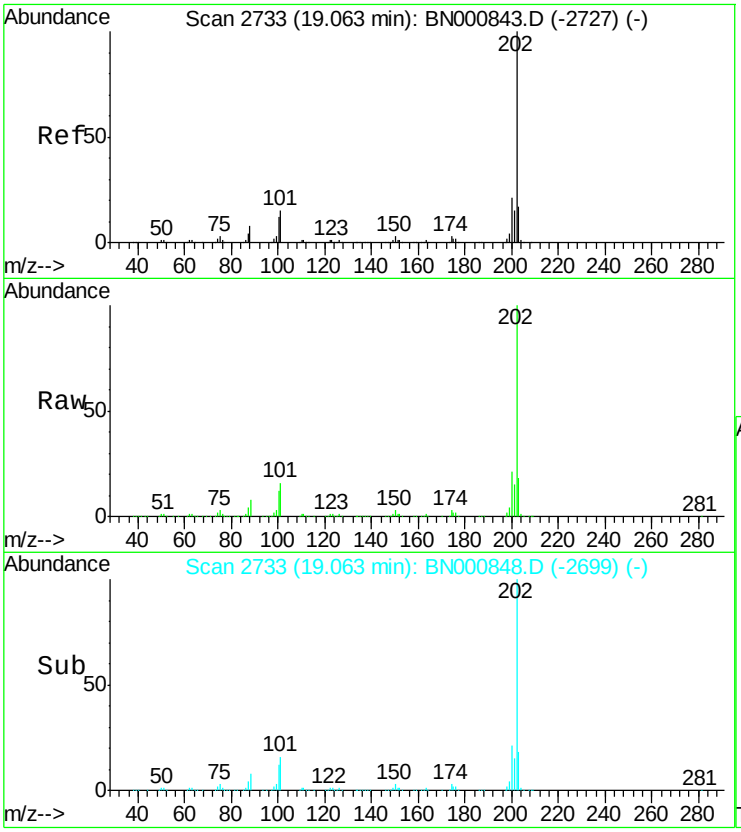


#15
Anthracene
Concen: 16.183 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:178 Resp: 490116

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.1	15.2	22.8



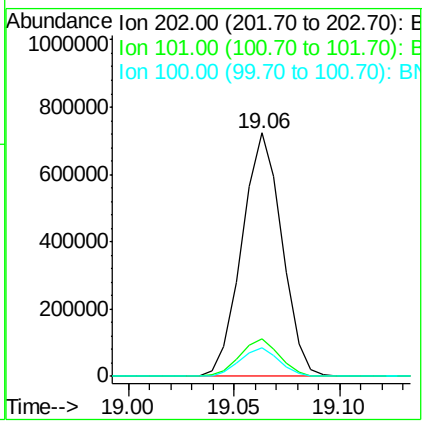


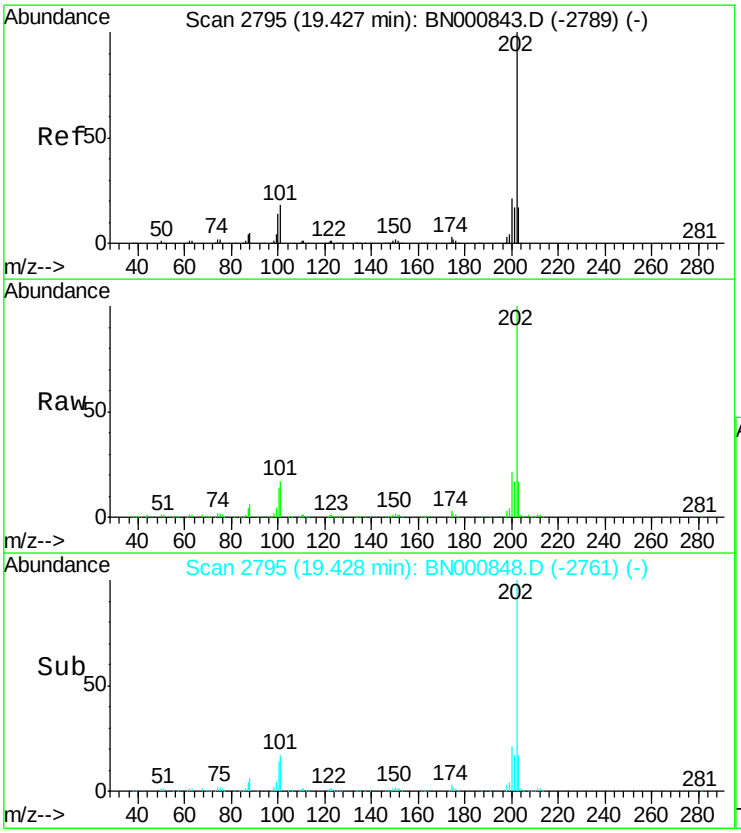
#16
Fluoranthene
Concen: 31.153 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 954338

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.6	7.4	11.0#

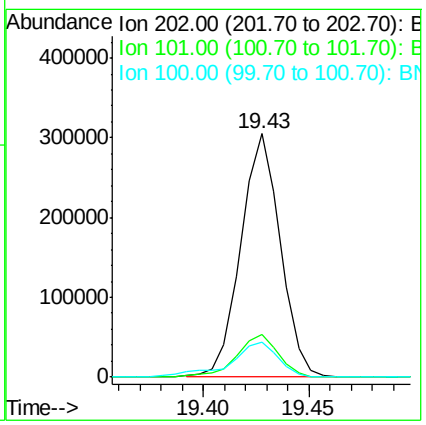


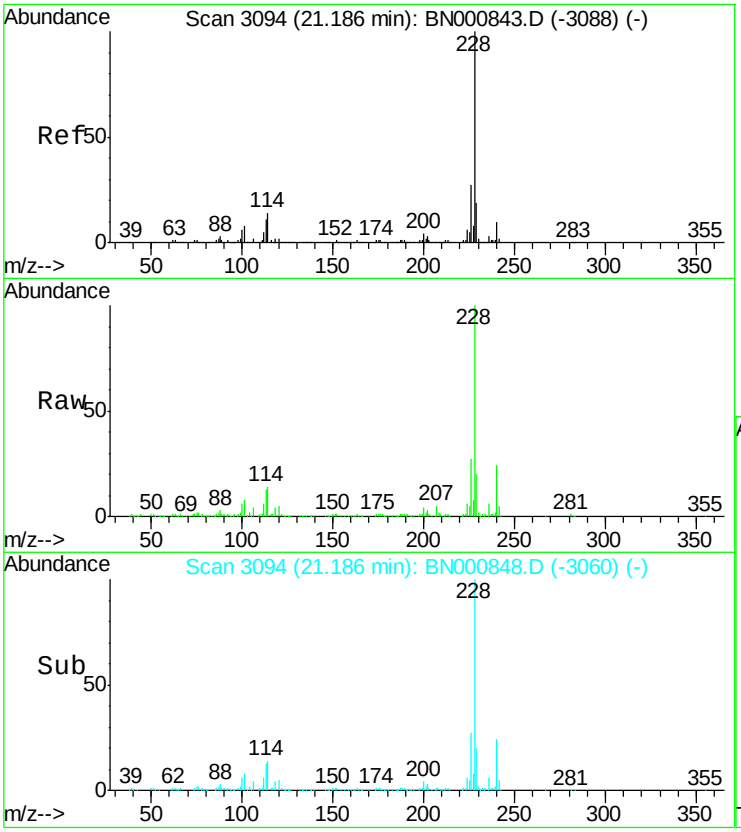


#19
Pyrene
Concen: 13.355 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:202 Resp: 392000

Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	14.4	8.1	12.1#



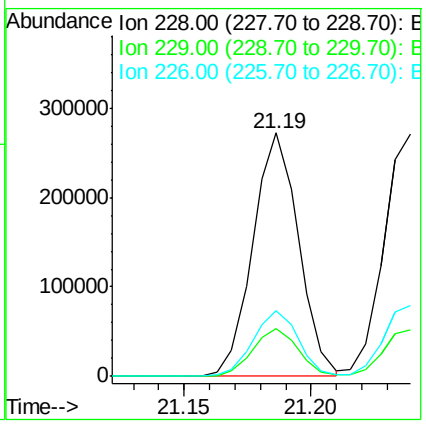


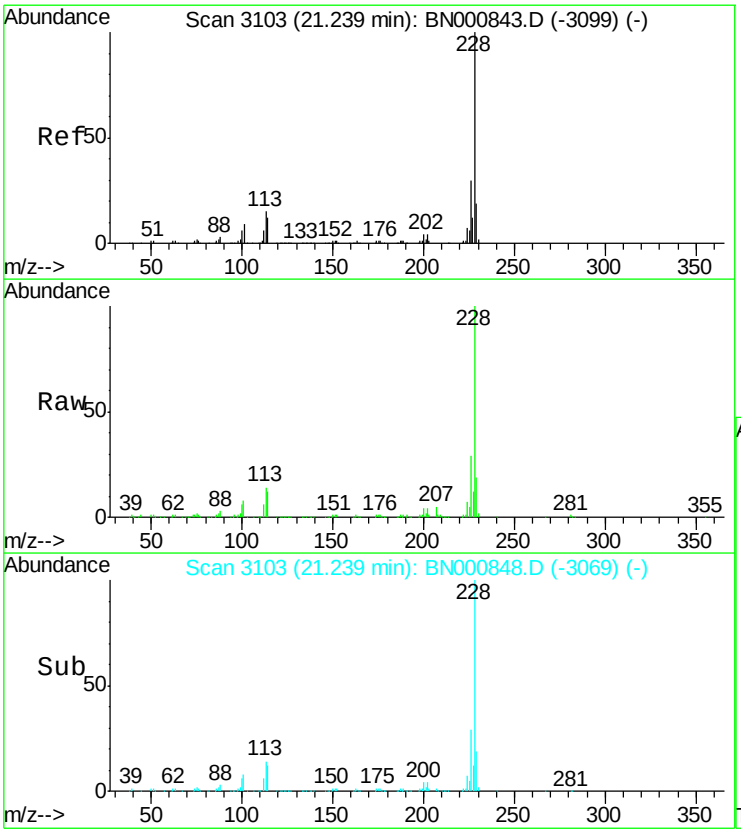
#20
Benzo(a)anthracene
Concen: 12.472 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 340689

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	27.2	21.1	31.7

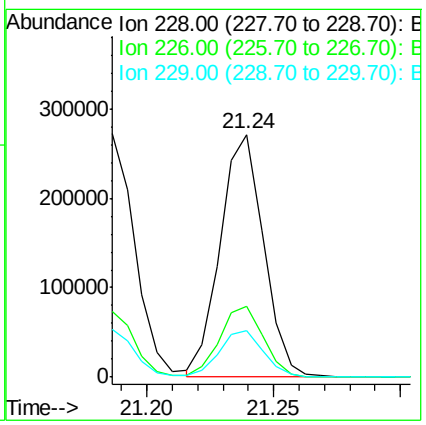


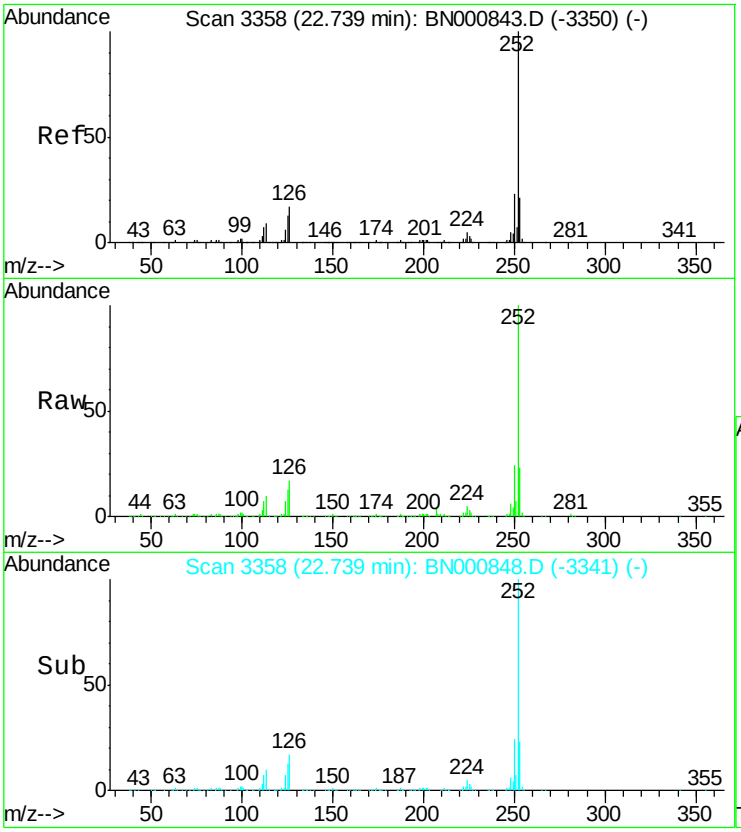


#21
Chrysene
Concen: 12.527 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:228 Resp: 321636

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	19.4	15.8	23.8



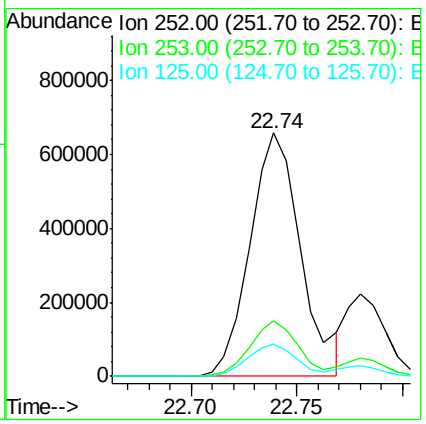


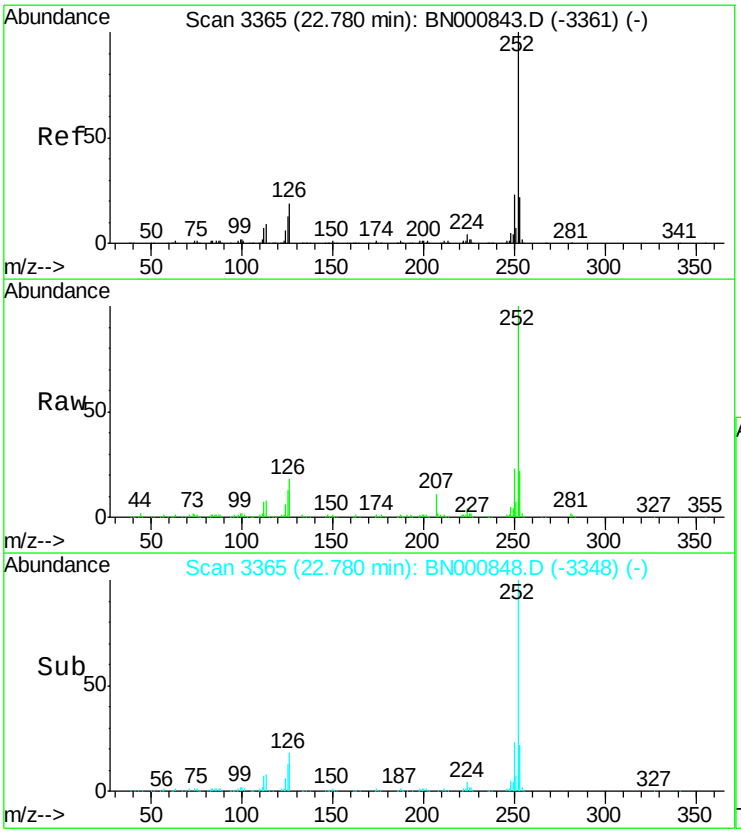
#23
Benzo(b)fluoranthene
Concen: 41.025 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1100415

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.4	8.0	12.0#

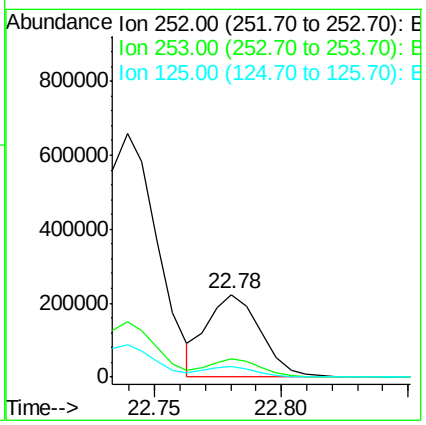


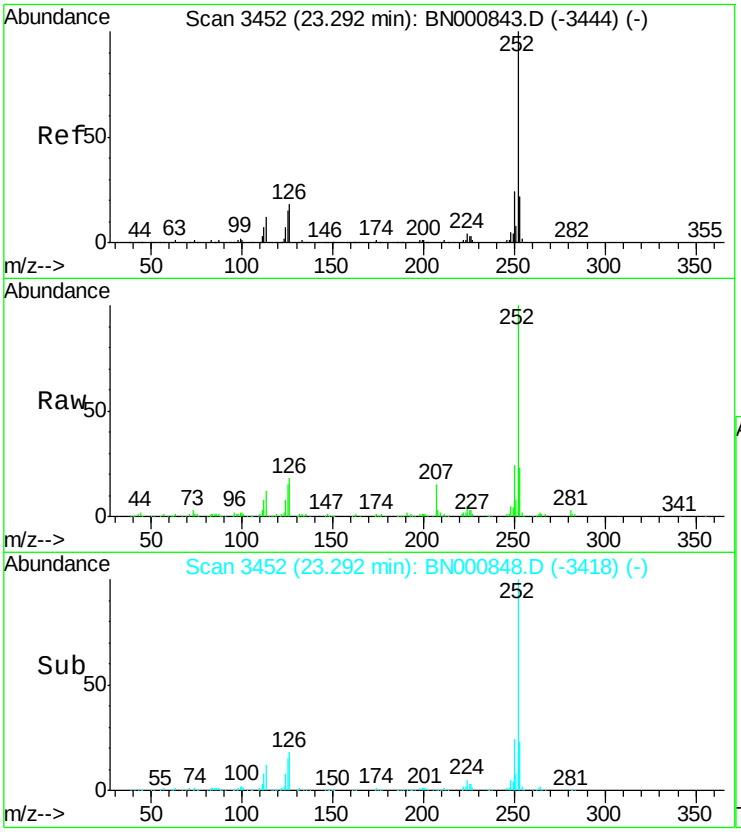


#24
Benzo(k)fluoranthene
Concen: 12.232 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:252 Resp: 321041

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.9	8.1	12.1#



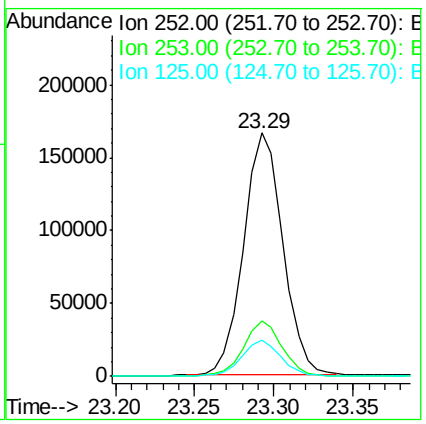


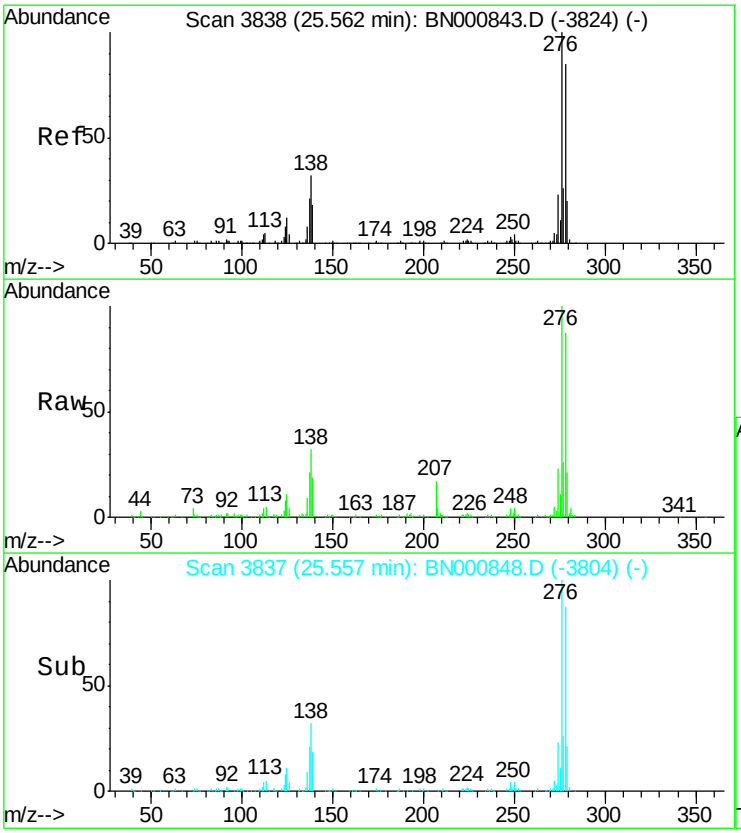
#26
Benzo(a)pyrene
Concen: 11.129 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 285285

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	15.1	8.2	12.4#

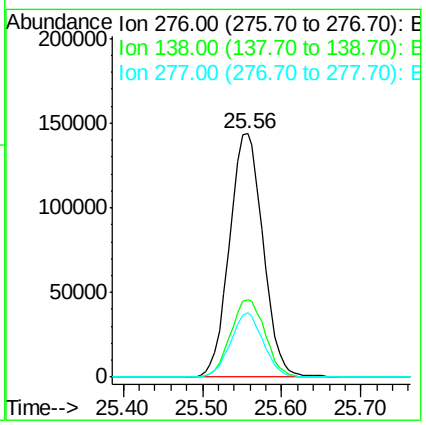


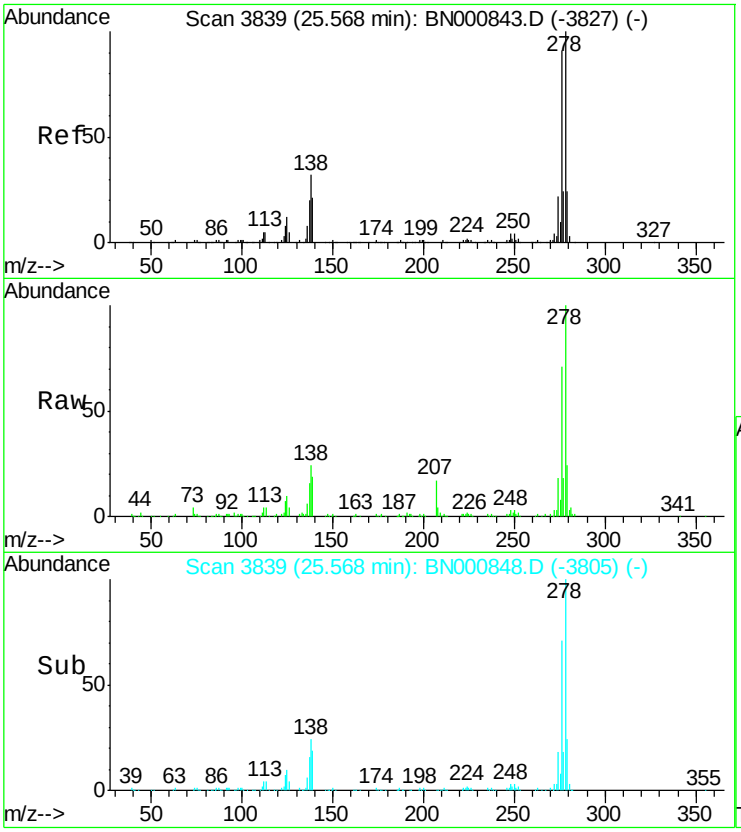


#27
Indeno(1,2,3-cd)pyrene
Concen: 13.661 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:276 Resp: 422973

Ion	Ratio	Lower	Upper
276	100		
138	32.0	14.4	21.6#
277	26.3	18.0	27.0



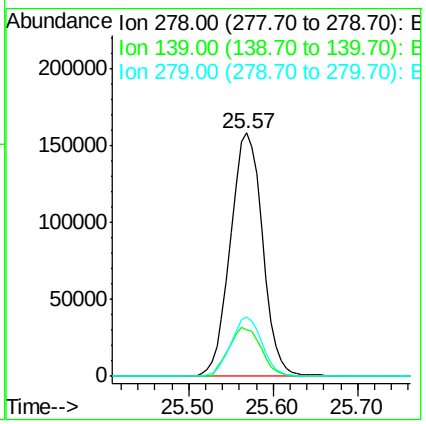


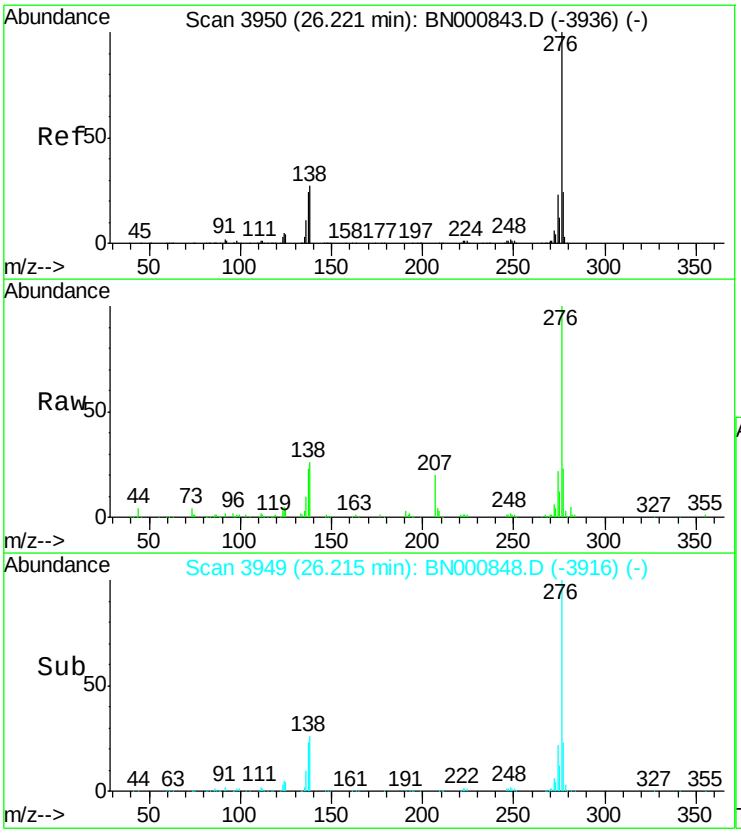
#28
Dibenzo(a,h)anthracene
Concen: 16.185 ng/ul
RT: 25.57 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 417649

Ion	Ratio	Lower	Upper
278	100		
139	19.1	12.2	18.4#
279	24.2	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 14.461 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion:276 Resp: 374491

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	23.2	19.0	28.4