Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006527.D
Acq On : 24 Jun 2019 12:39
Operator : HP/JU
Sample : K3360-22MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4202MSD

Quant Time: Jun 25 00:43:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4250	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	15118	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	7035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	13016	0.40	ng/ul	-0.01
16) Chrysene-d12	21.27	240	9949	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	11549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4494	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	8398	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	962	0.023	ng/ul#	75
7) Acenaphthylene	14.01	152	957	0.024	ng/ul#	78
8) Acenaphthene	14.34	153	6881	0.254	ng/ul	99
9) Fluorene	15.34	166	748	0.024	ng/ul#	94
12) Phenanthrene	17.08	178	28666	0.686	ng/ul	99
13) Anthracene	17.17	178	3850	0.096	ng/ul#	92
15) Fluoranthene	19.11	202	136232	2.953	ng/ul	97
17) Pyrene	19.48	202	126478	2.413	ng/ul	99
18) Benzo(a)anthracene	21.25	228	54988	1.250	ng/ul	100
19) Chrysene	21.30	228	79429	1.923	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	160147	3.326	ng/ul	90
22) Benzo(k)fluoranthene	22.84	252	160147	3.414	ng/ul#	92
23) Benzo(a)pyrene	23.41	252	68906	1.536	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.74	276	57992	1.195	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.75	278	13025	0.336	ng/ul	97
26) Benzo(g,h,i)perylene	26.42	276	50908	1.252	ng/ul	94

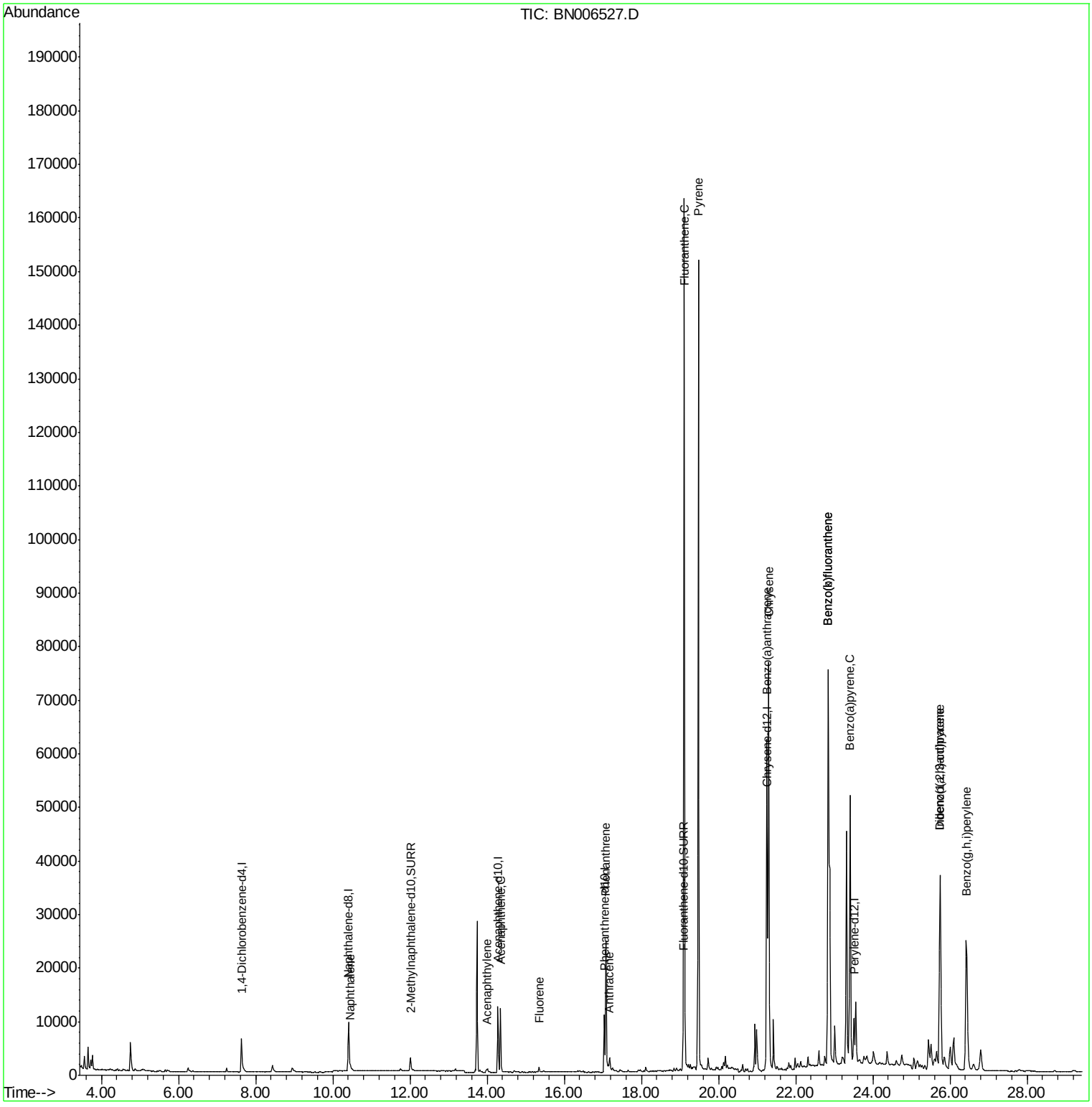
(#) = qualifier out of range (m) = manual integration (+) = signals summed

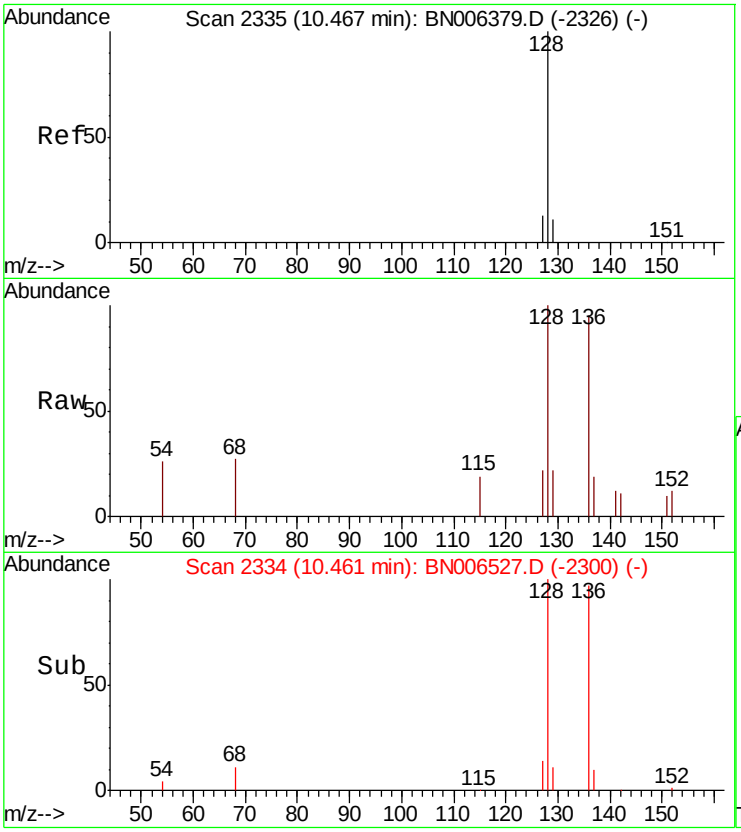
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006527.D
Acq On : 24 Jun 2019 12:39
Operator : HP/JU
Sample : K3360-22MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4202MSD

Quant Time: Jun 25 00:43:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration



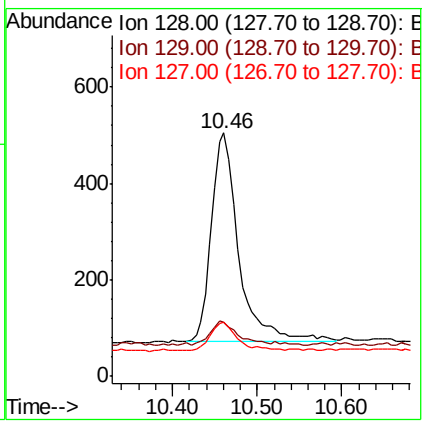


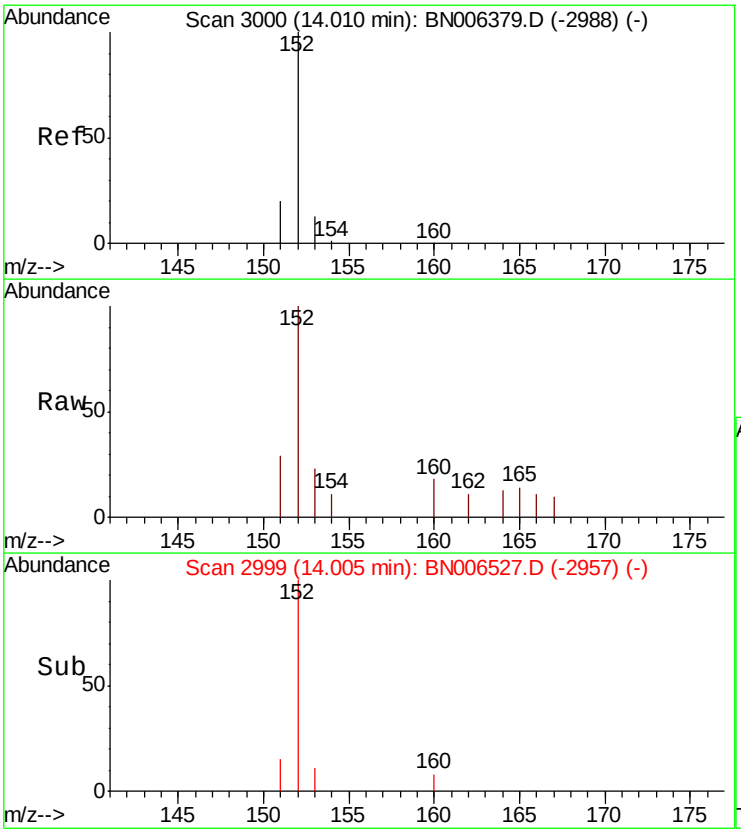
#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.46 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:128 Resp: 962

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.3	13.9#
127	22.4	10.7	16.1#

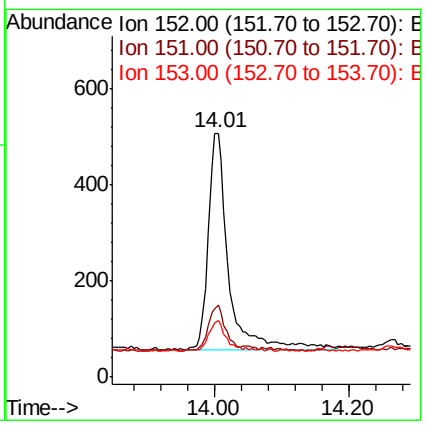


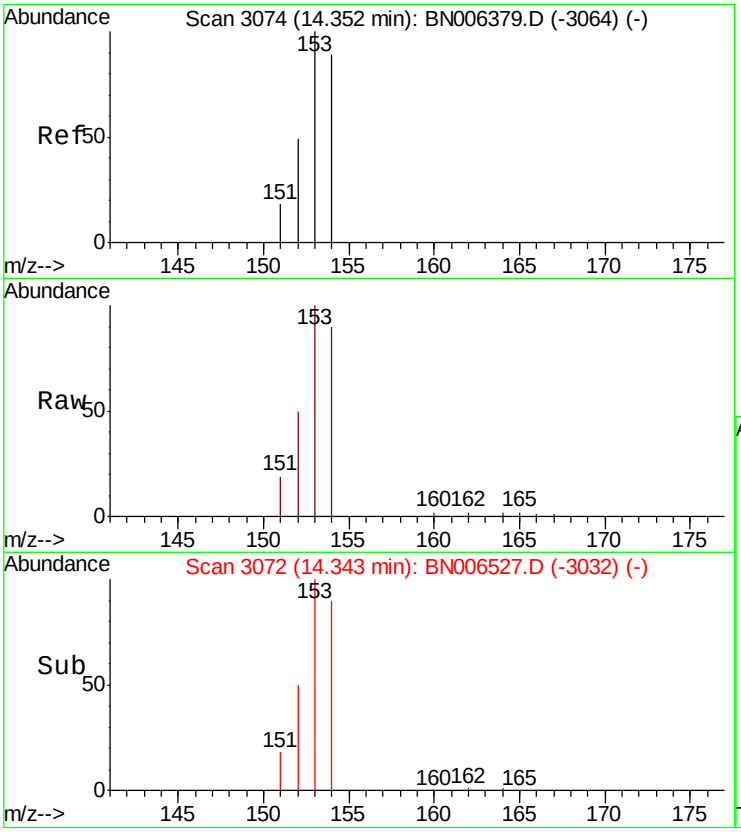


#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.01 min Scan# 2999
Delta R.T. -0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:152 Resp: 957

Ion	Ratio	Lower	Upper
152	100		
151	29.4	15.8	23.8#
153	23.3	10.8	16.2#



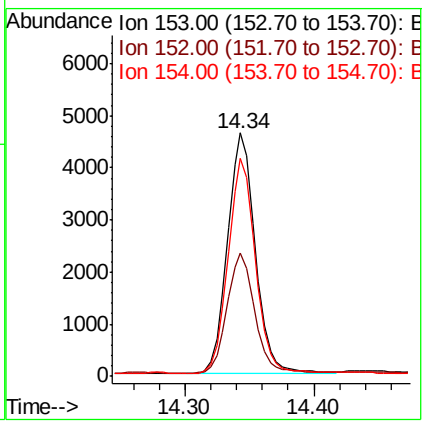


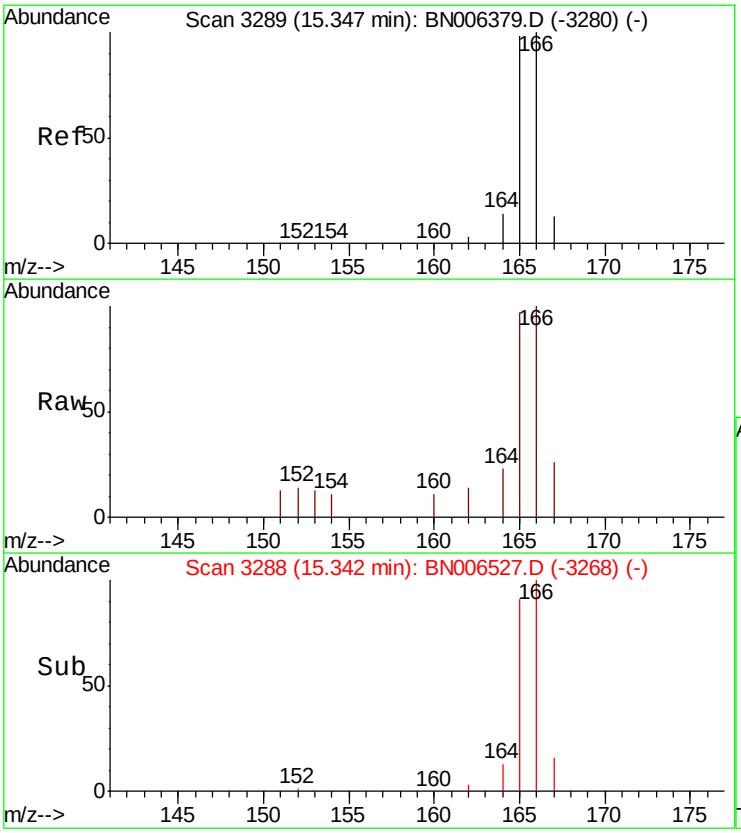
#8
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:153 Resp: 6881

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.1	58.7
154	89.6	71.1	106.7

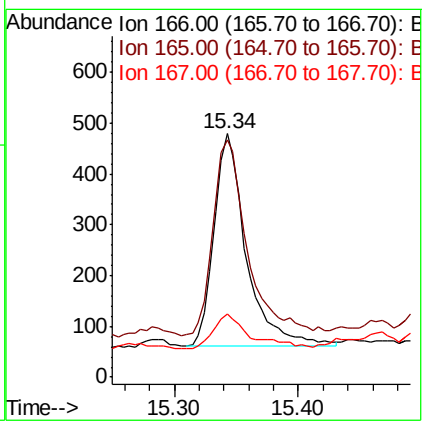


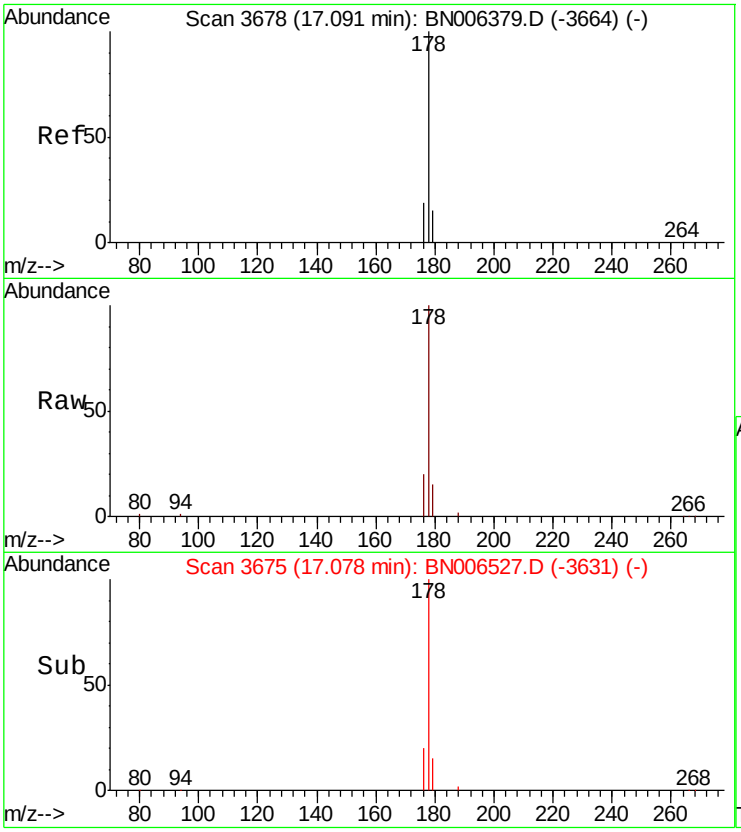


#9
Fluorene
Concen: 0.024 ng/ul
RT: 15.34 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:166 Resp: 748

Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.4	114.6
167	25.9	11.0	16.6#



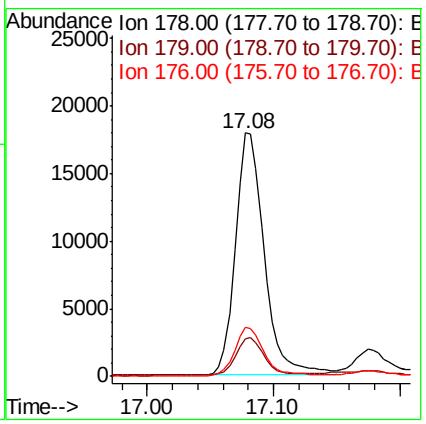


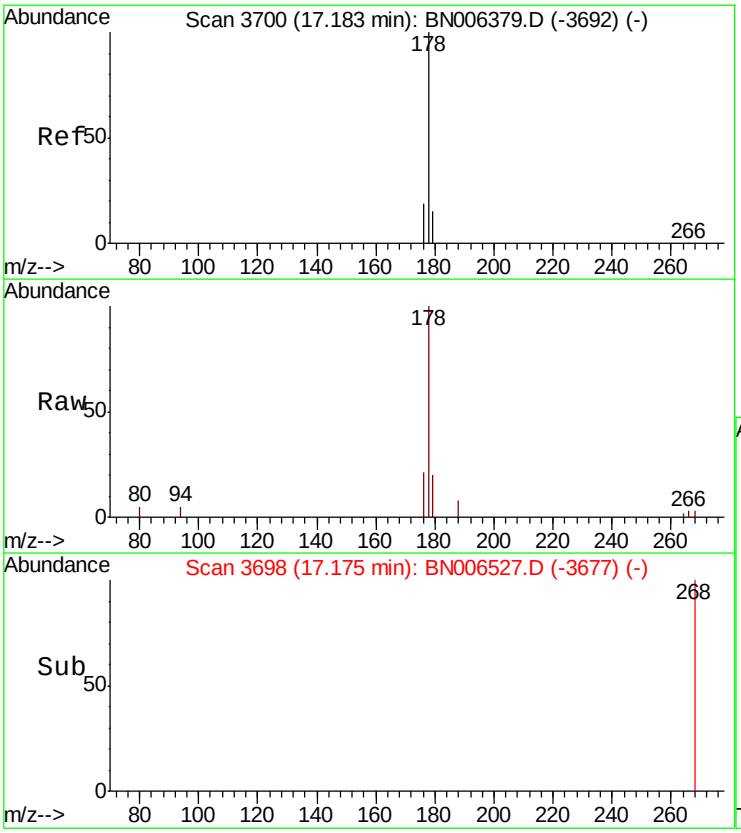
#12
Phenanthrene
Concen: 0.686 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:178 Resp: 28666

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	20.0	15.3	22.9

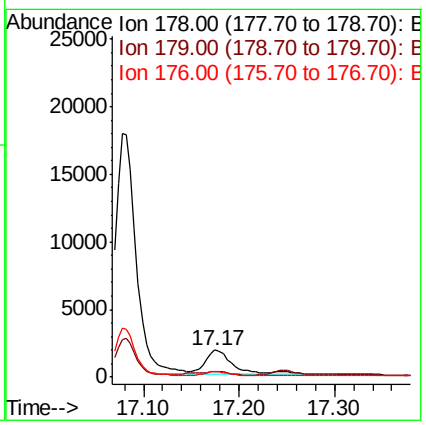


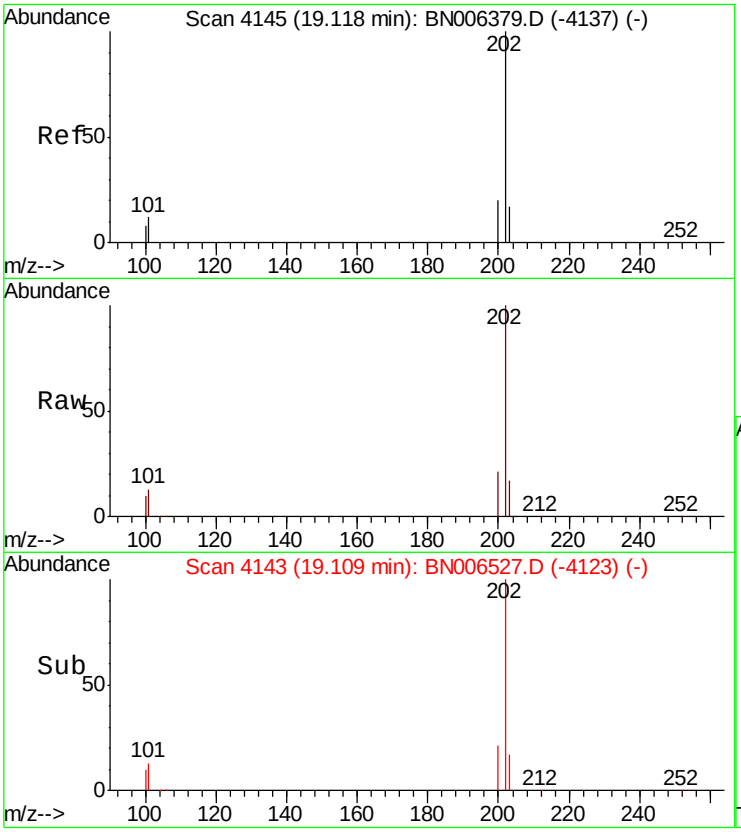


#13
Anthracene
Concen: 0.096 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:178 Resp: 3850

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.2	18.4#
176	21.3	15.1	22.7



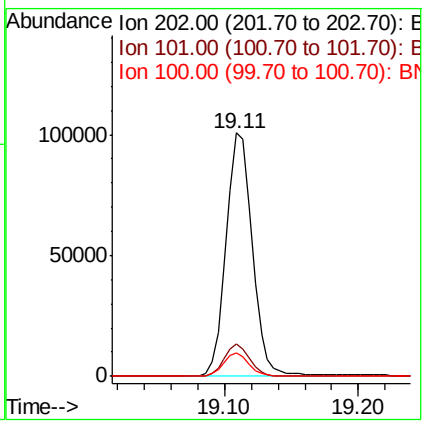


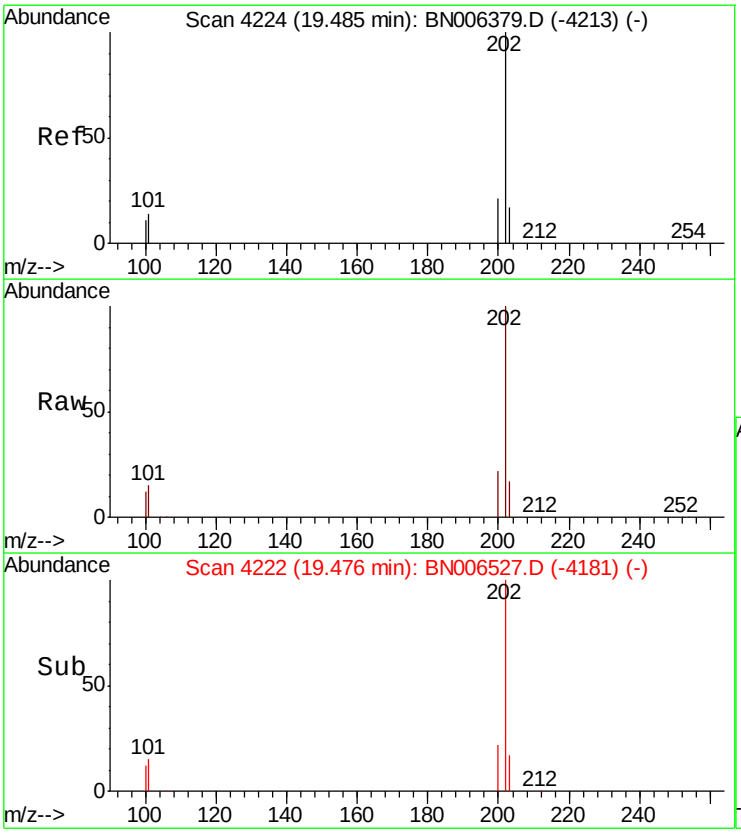
#15
Fluoranthene
Concen: 2.953 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:202 Resp: 136232

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.1
100	9.8	0.0	28.7

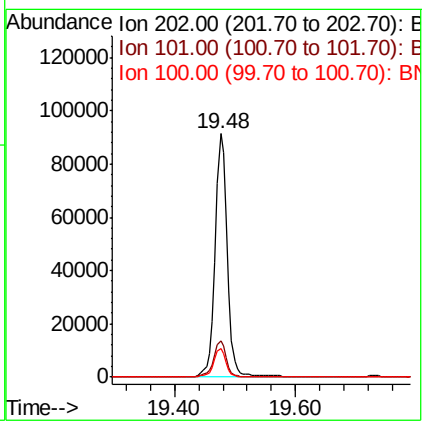


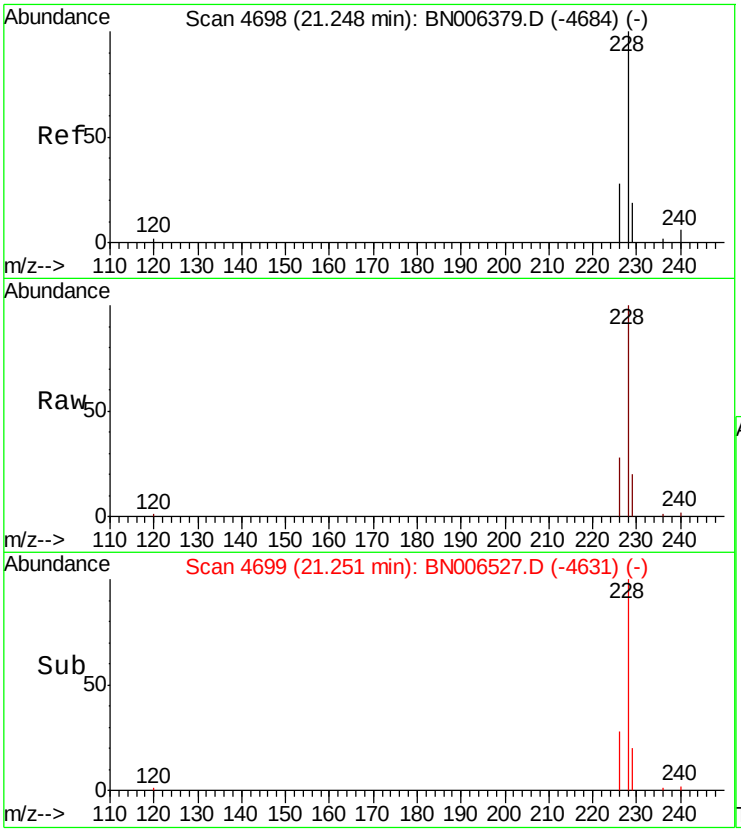


#17
Pyrene
Concen: 2.413 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:202 Resp: 126478

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.2	18.2
100	11.7	9.8	14.6



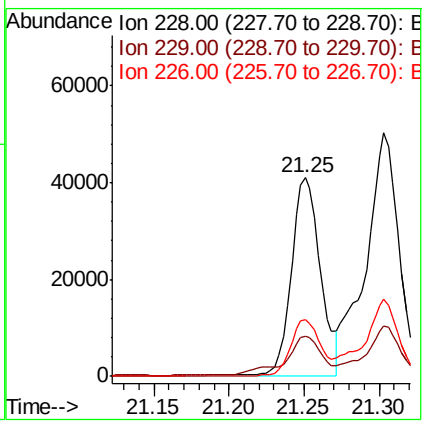


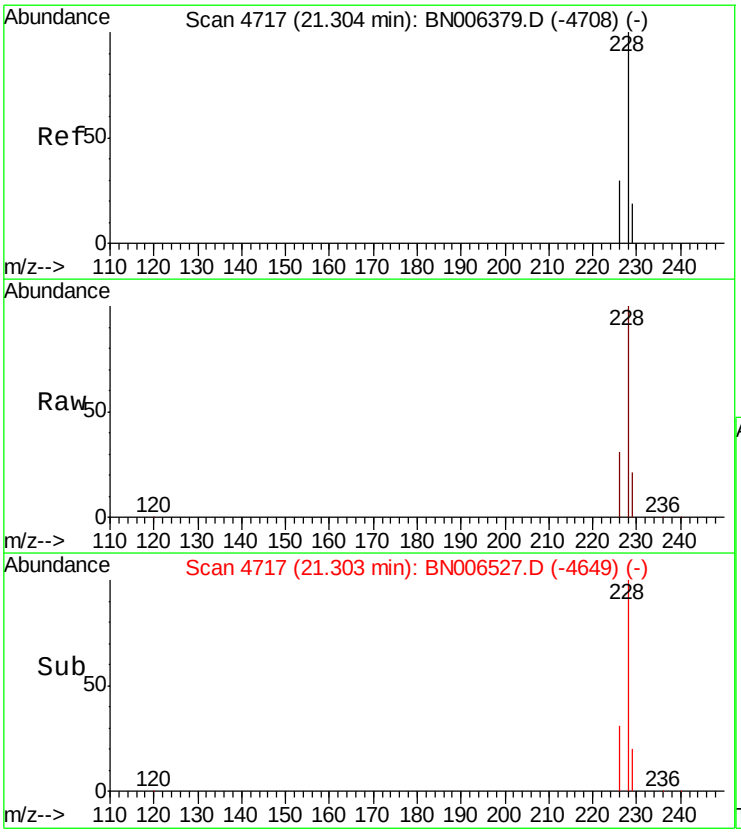
#18
Benzo(a)anthracene
Concen: 1.250 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. -0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:228 Resp: 54988

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.5	24.7
226	28.4	22.8	34.2

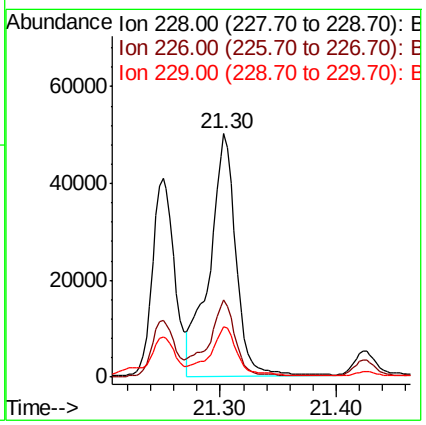


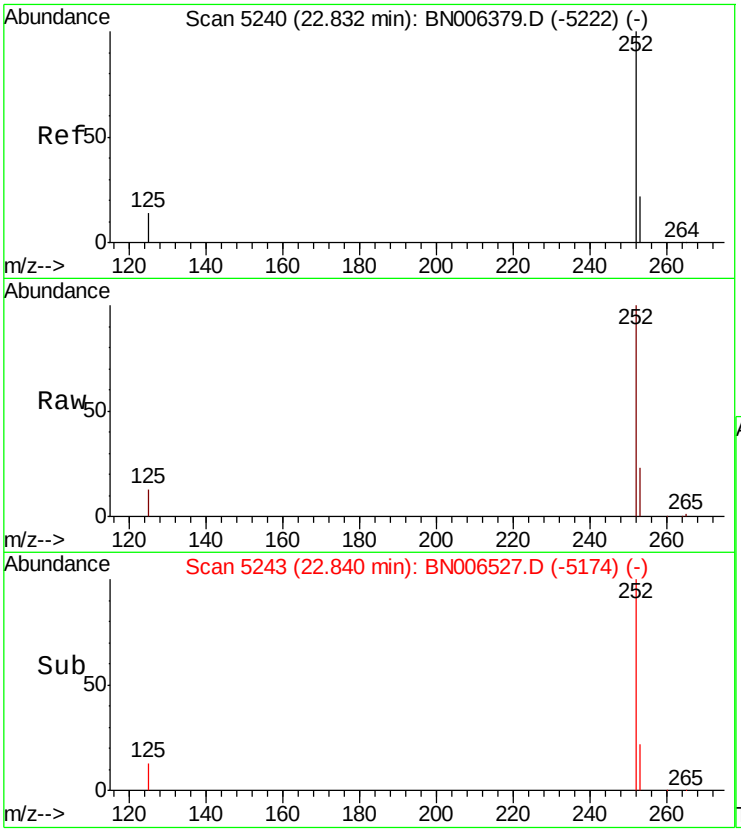


#19
Chrysene
Concen: 1.923 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:228 Resp: 79429

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.8	16.3	24.5



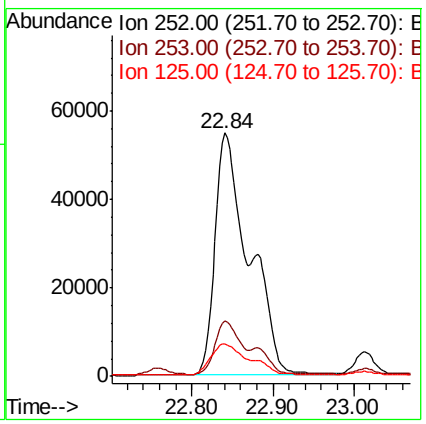


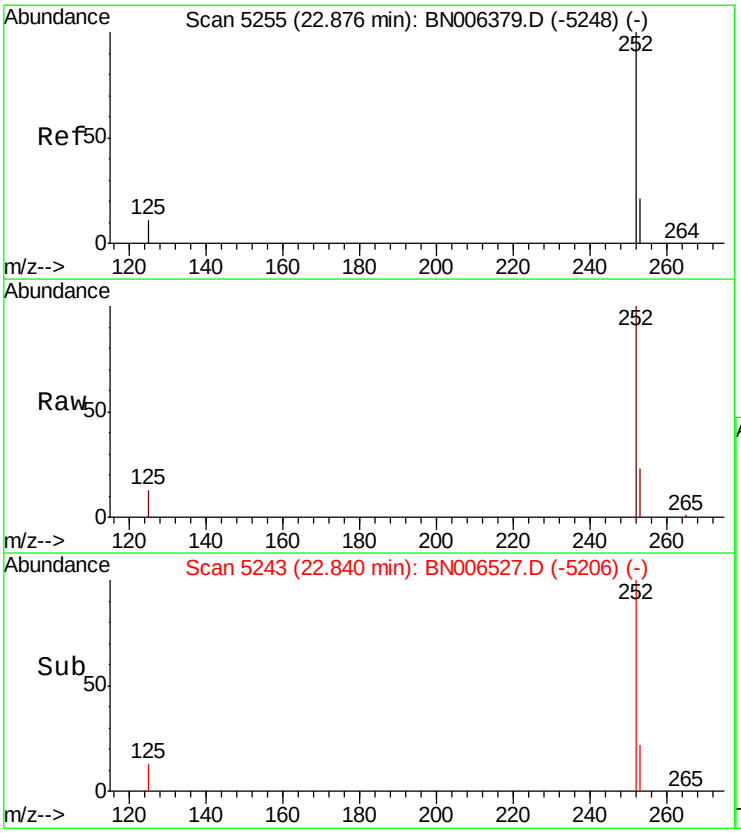
#21
Benzo(b)fluoranthene
Concen: 3.326 ng/ul
RT: 22.84 min Scan# 5243
Delta R.T. 0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:252 Resp: 160147

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.4
125	13.3	0.0	41.0

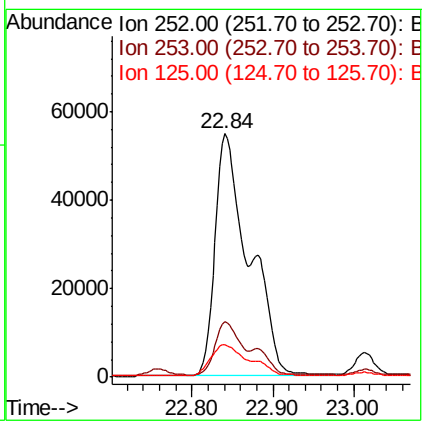


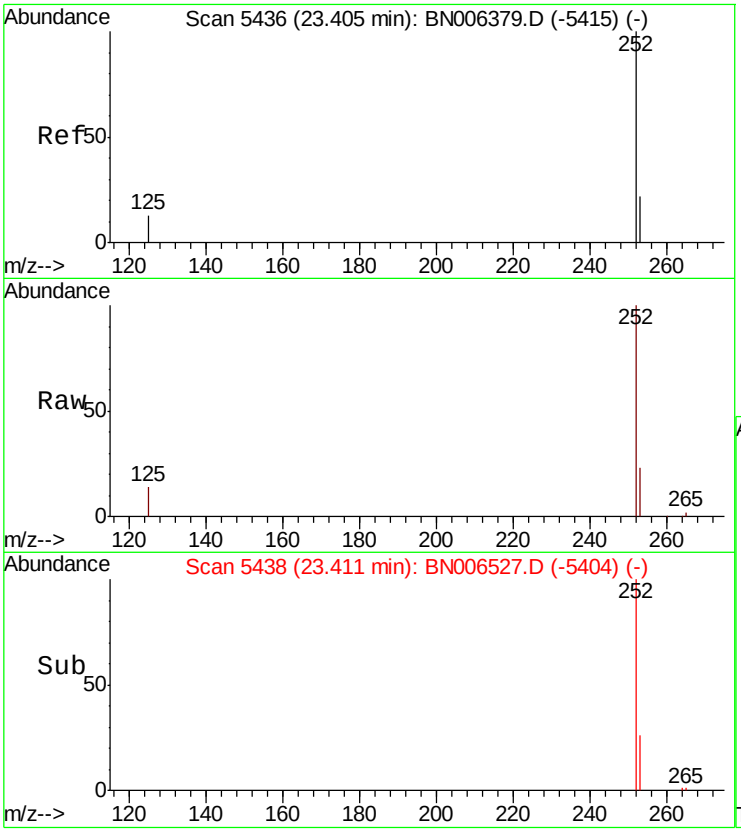


#22
Benzo(k)fluoranthene
Concen: 3.414 ng/ul
RT: 22.84 min Scan# 5243
Delta R.T. -0.04 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:252 Resp: 160147

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.3	30.5
125	13.3	14.3	21.5#



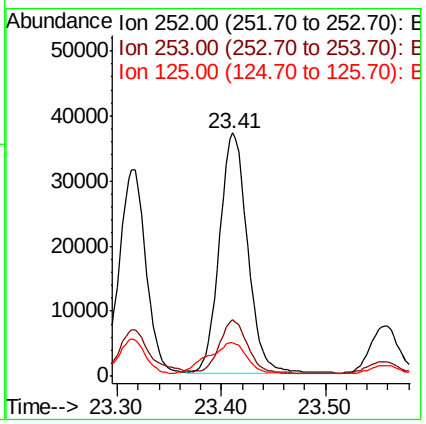


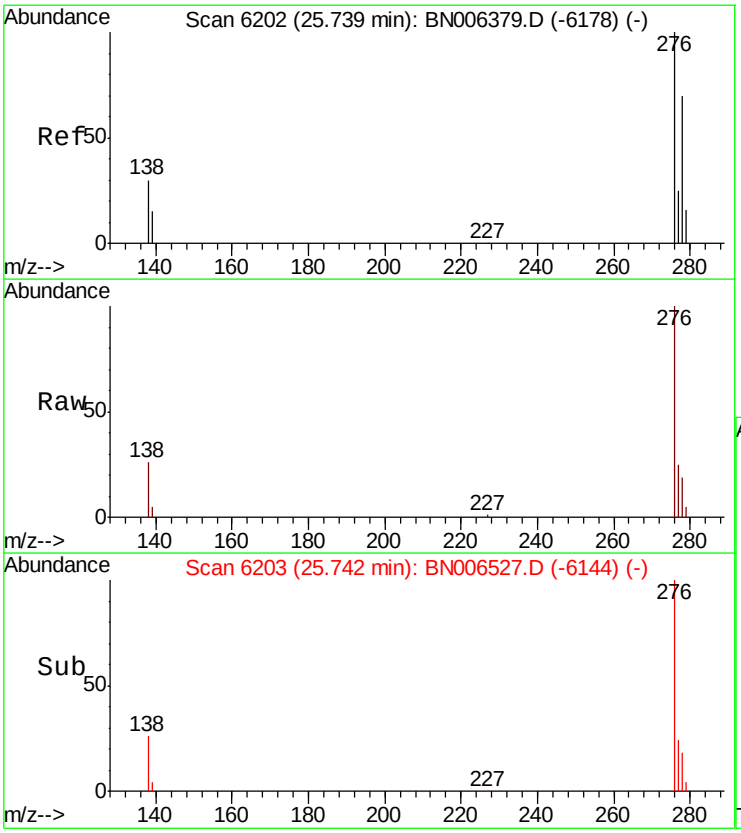
#23
Benzo(a)pyrene
Concen: 1.536 ng/ul
RT: 23.41 min Scan# 5438
Delta R.T. 0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:252 Resp: 68906

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.1	31.7
125	14.1	20.3	30.5#

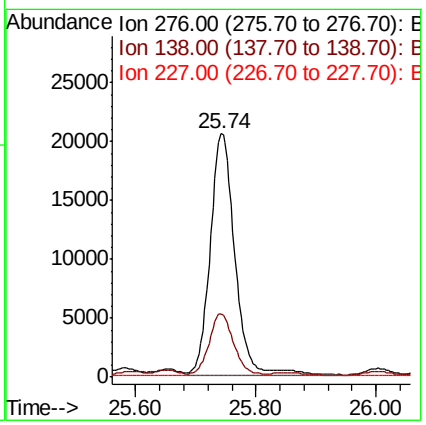


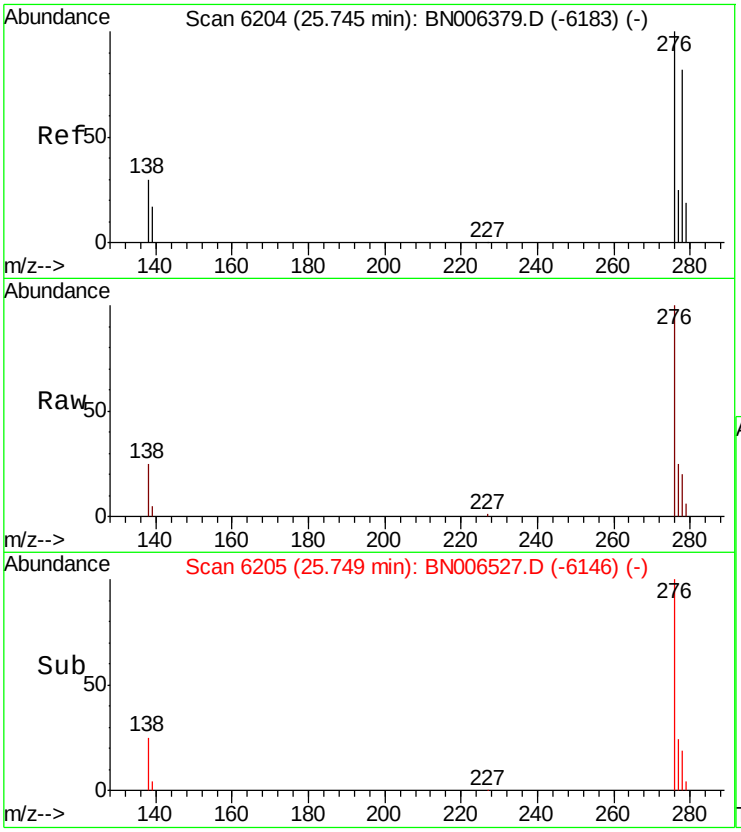


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.195 ng/ul
RT: 25.74 min Scan# 6203
Delta R.T. -0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:276 Resp: 57992

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.2	0.3	0.5#



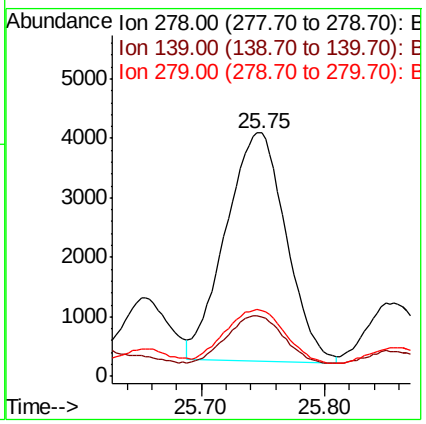


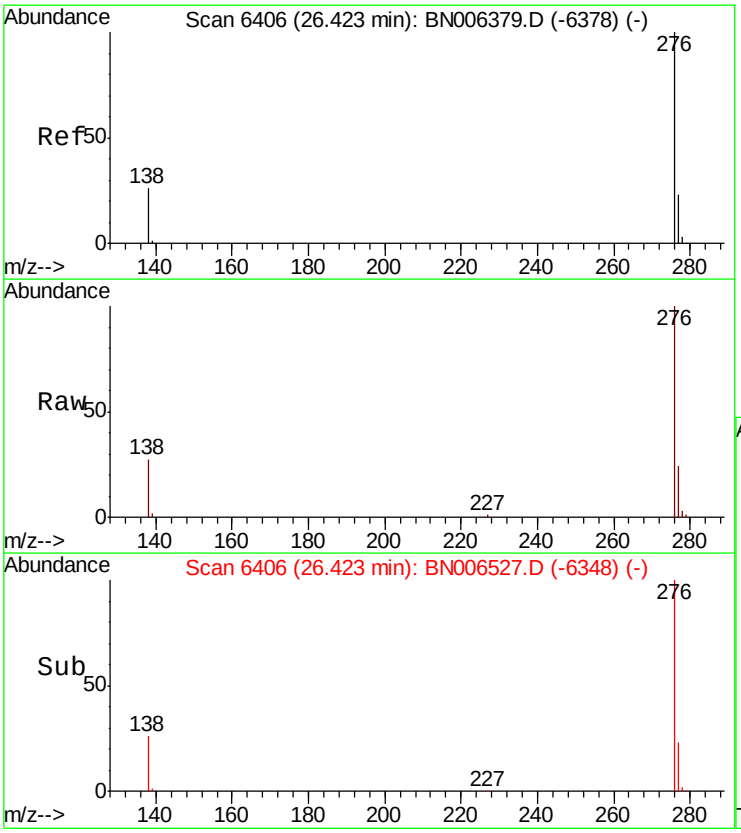
#25
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. -0.00 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tgt Ion:278 Resp: 13025

Ion	Ratio	Lower	Upper
278	100		
139	24.4	21.2	31.8
279	26.9	22.6	33.8





#26
Benzo(g,h,i)perylene
Concen: 1.252 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. -0.01 min
Lab File: BN006527.D
Acq: 24 Jun 2019 12:39

Tgt Ion:276 Resp: 50908

Ion	Ratio	Lower	Upper
276	100		
138	26.8	24.2	36.4
277	24.0	21.5	32.3