Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008314.D
Acq On : 22 Oct 2019 14:14
Operator : JU
Sample : K5178-09DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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Quant Time: Oct 22 15:10:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7220	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4799	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10027	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	9741	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9528	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	409	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1213	0.04	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.01	178	2353	0.080	ng/ul#	93
13) Anthracene	17.10	178	651	0.025	ng/ul#	68
15) Fluoranthene	19.04	202	4650	0.120	ng/ul	95
17) Pyrene	19.40	202	4702	0.121	ng/ul#	92
18) Benzo(a)anthracene	21.16	228	3154	0.089	ng/ul#	84
19) Chrysene	21.21	228	2525	0.058	ng/ul#	86
21) Benzo(b)fluoranthene	22.71	252	3596m	0.116	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	1526m	0.043	ng/ul	
23) Benzo(a)pyrene	23.26	252	2064	0.063	ng/ul#	17
24) Indeno(1,2,3-cd)pyrene	25.51	276	1190	0.031	ng/ul#	97
26) Benzo(g,h,i)perylene	26.16	276	1252	0.036	ng/ul#	55

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

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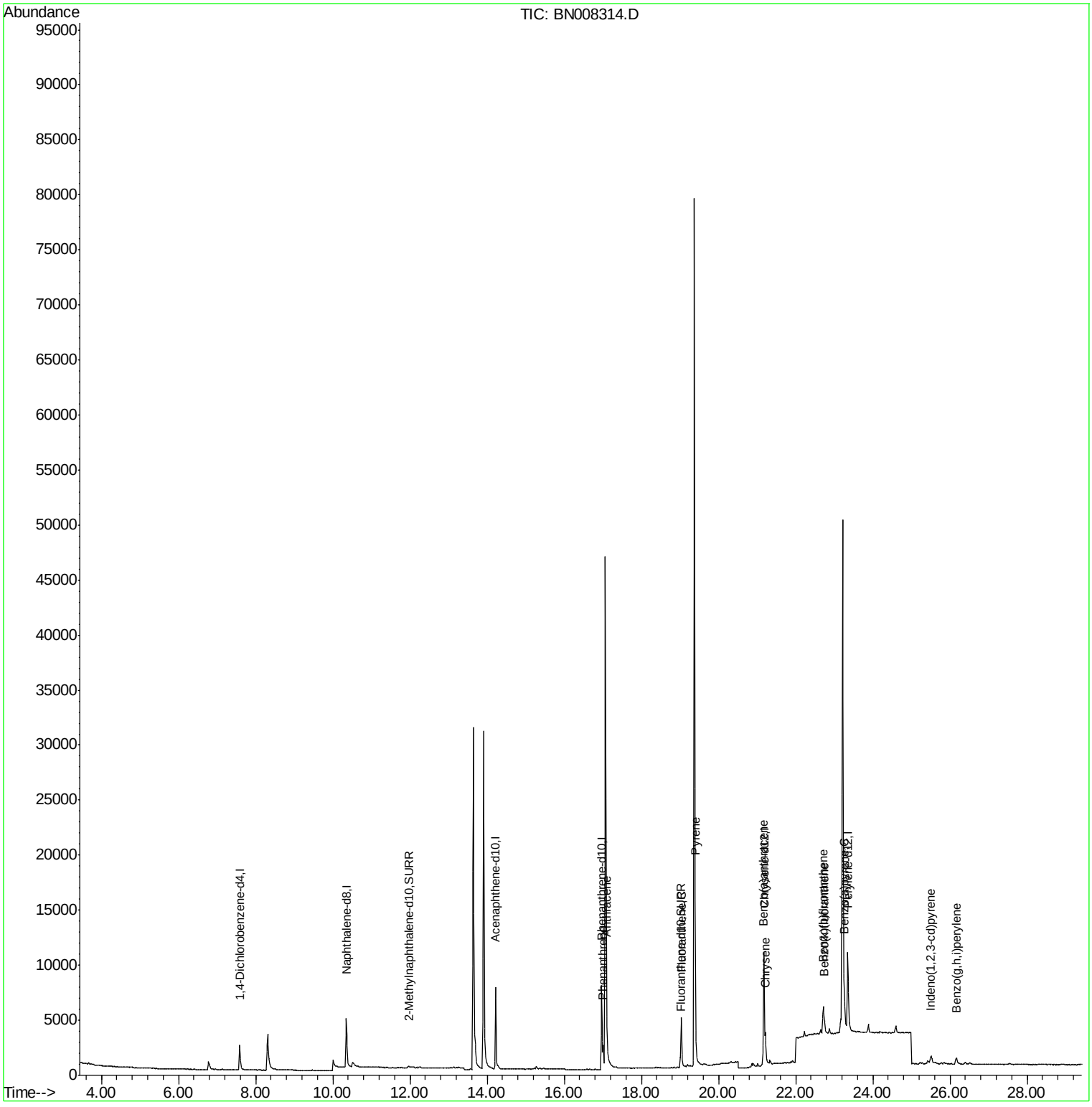

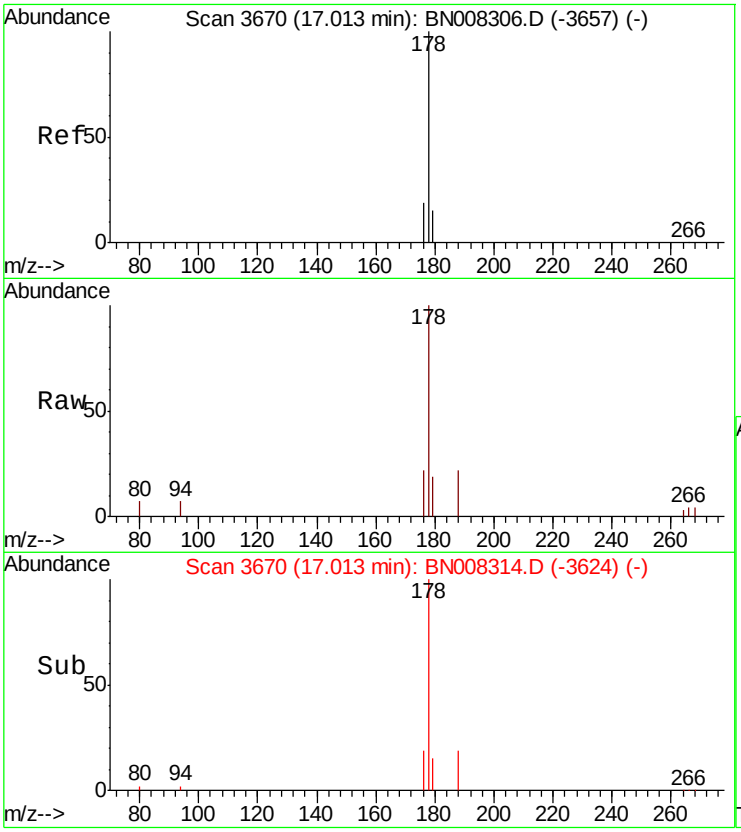

#12
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:178 Resp: 2353

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.8	19.2#
176	21.7	15.4	23.2

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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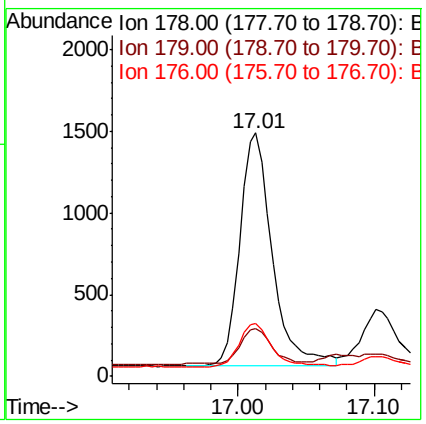
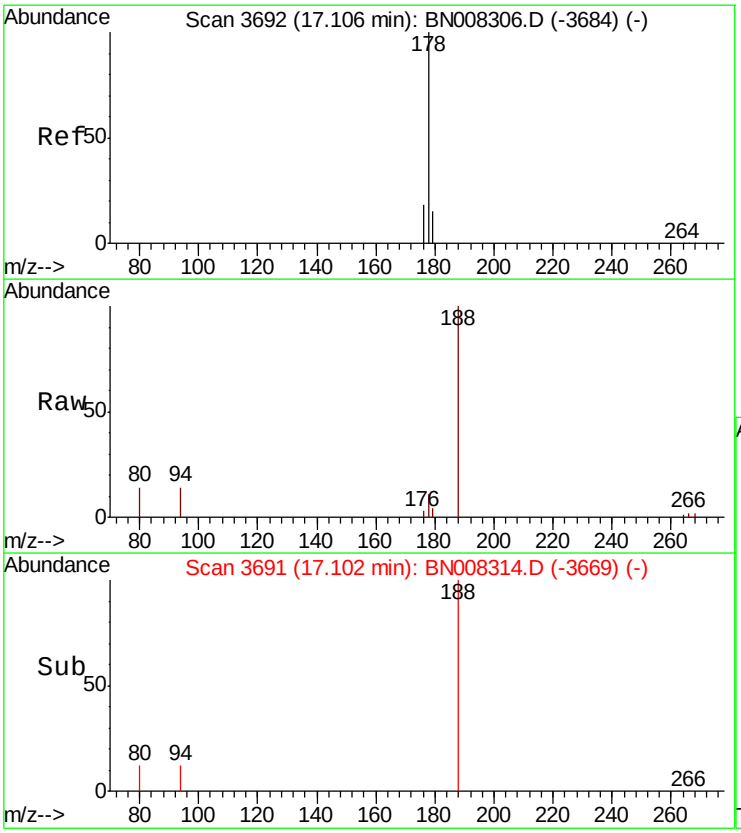
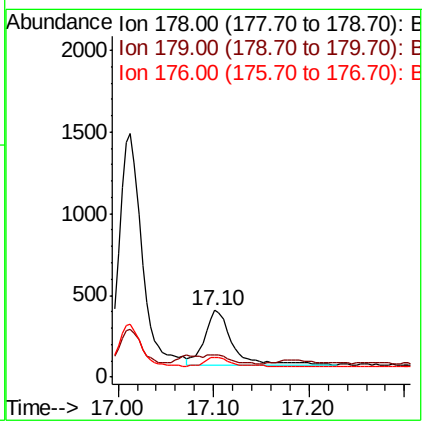


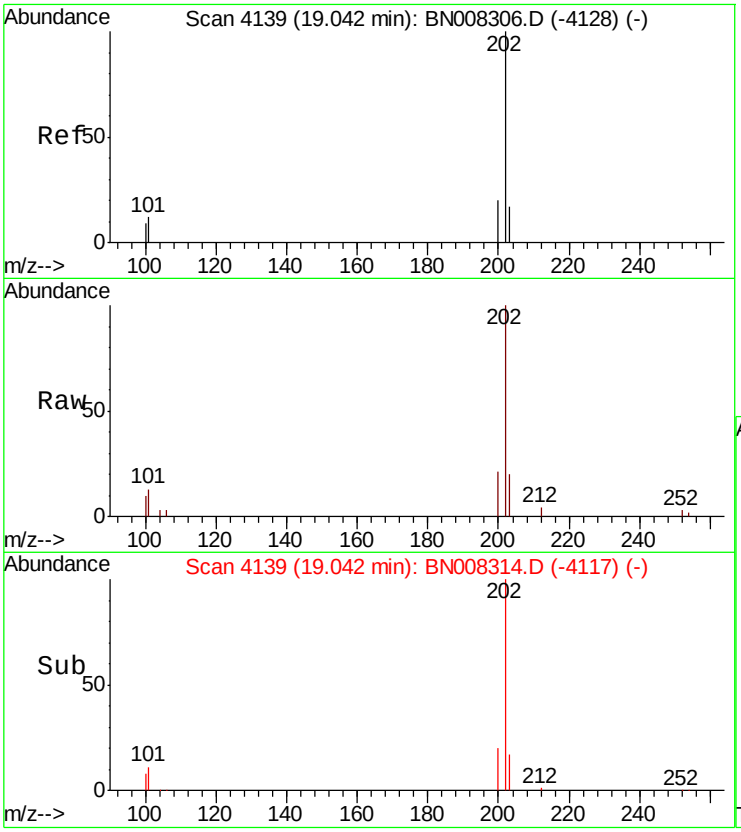


#13
Anthracene
Concen: 0.025 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:178 Resp: 651

Ion	Ratio	Lower	Upper
178	100		
179	33.5	13.0	19.6#
176	30.1	15.0	22.6#





#15
Fluoranthene
Concen: 0.120 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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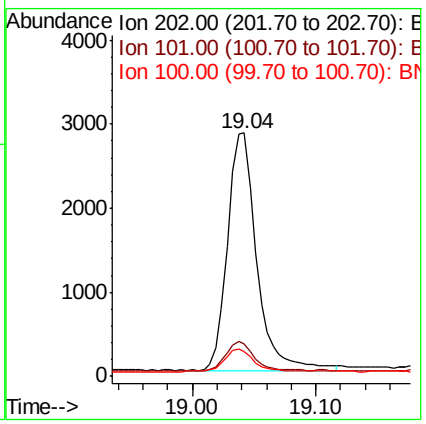
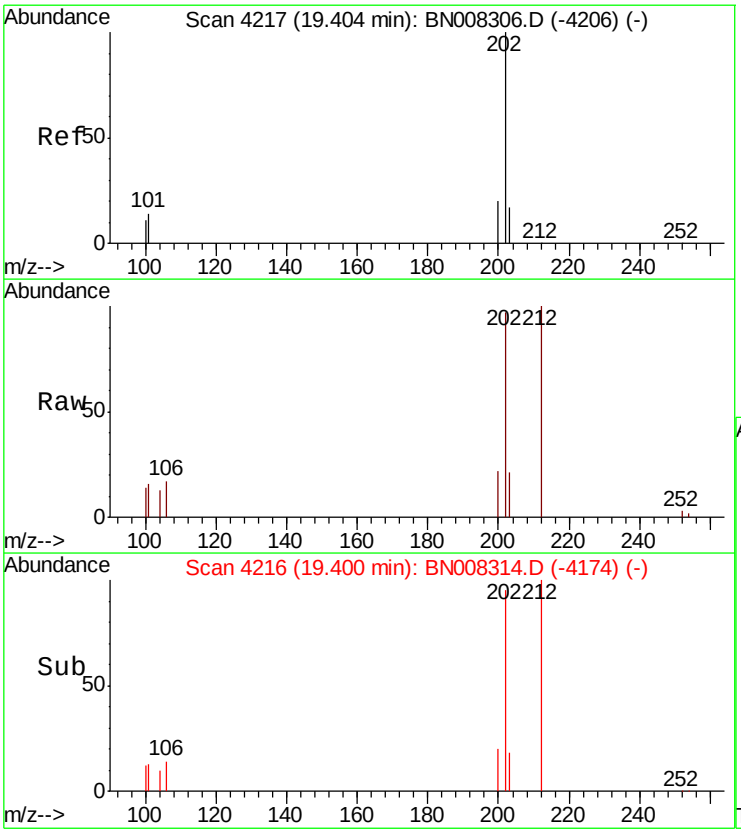
Tgt Ion:202 Resp: 4650

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.2
100	10.0	0.0	28.5

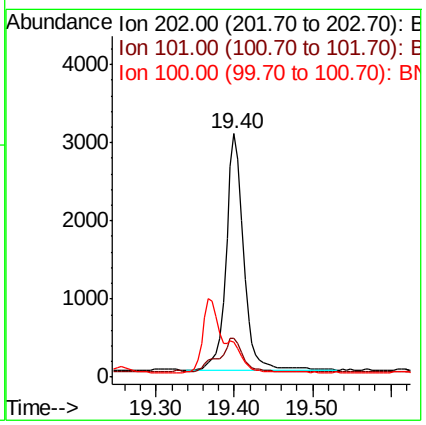


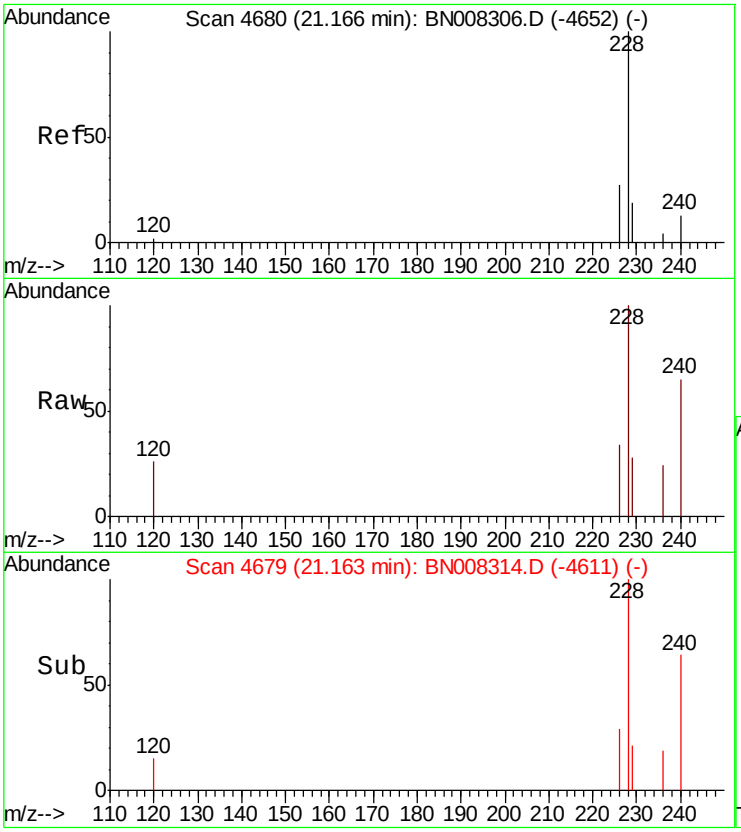


#17
Pyrene
Concen: 0.121 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:202 Resp: 4702

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.9	16.3
100	14.2	8.7	13.1#

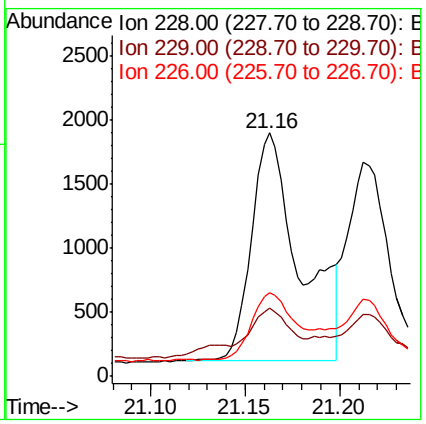




#18
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:228 Resp: 3154

Ion	Ratio	Lower	Upper
228	100		
229	28.2	16.2	24.2#
226	34.1	21.4	32.0#



Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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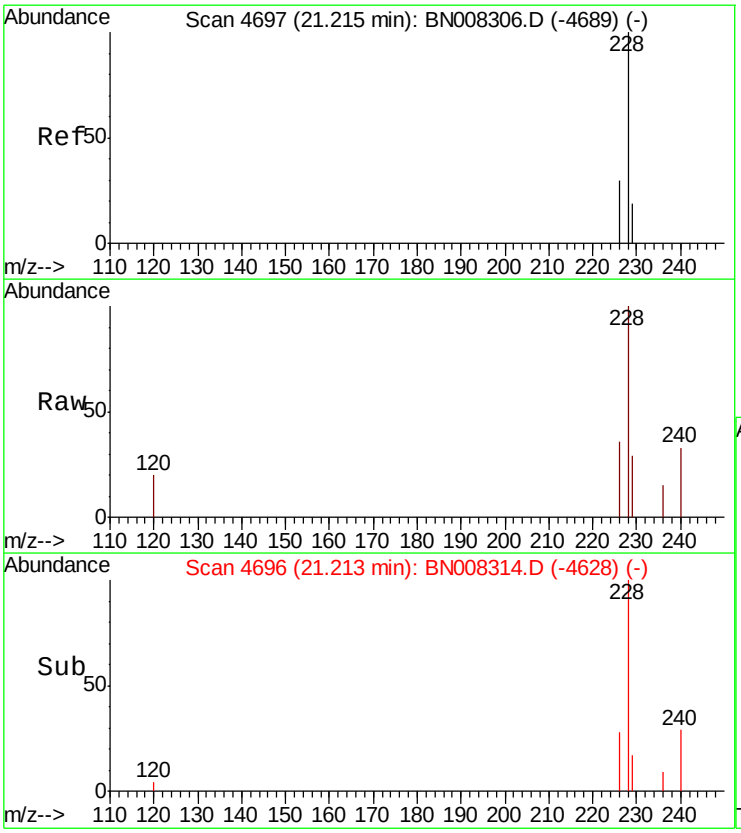
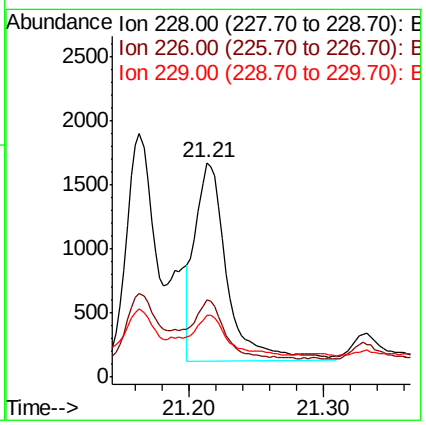
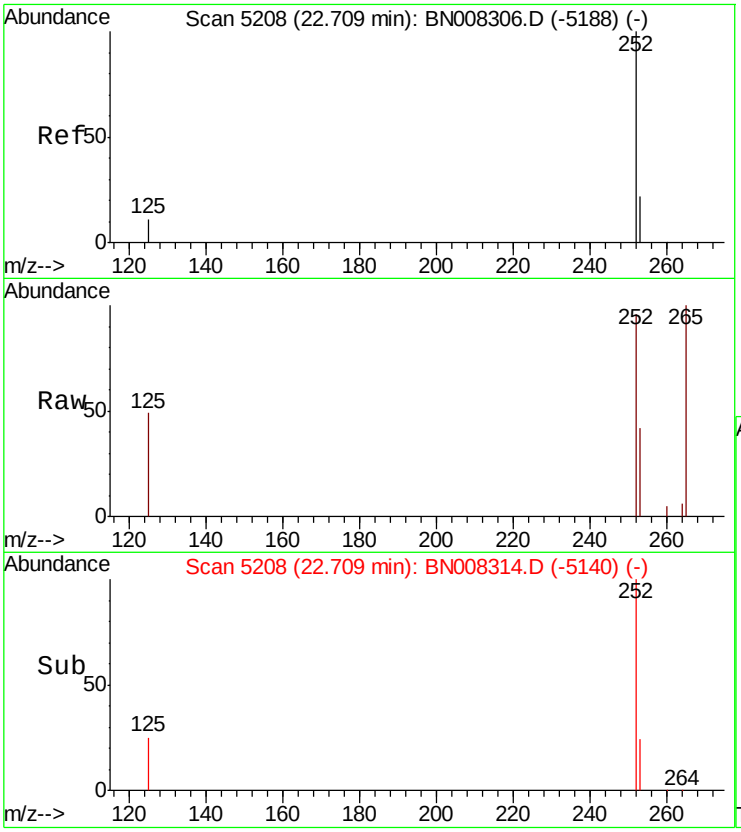


#19
Chrysene
Concen: 0.058 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:228 Resp: 2525

Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.1	36.1
229	29.0	16.2	24.2#





#21
Benzo(b)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:252 Resp: 3596

Ion	Ratio	Lower	Upper
252	100		
253	43.7	0.0	53.4
125	51.6	0.0	32.4#

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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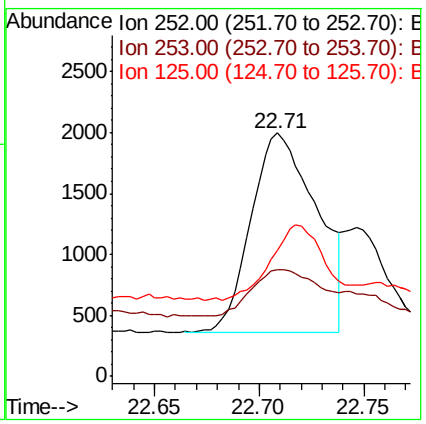
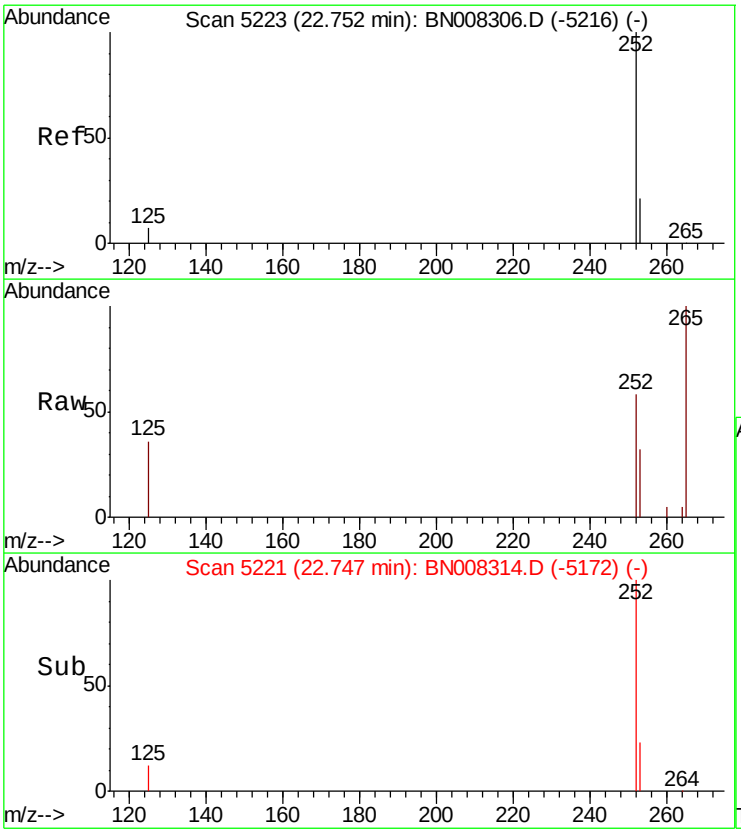
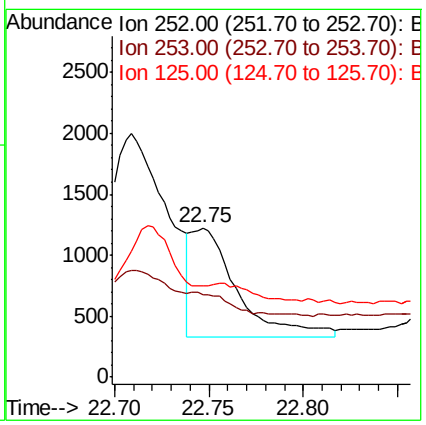


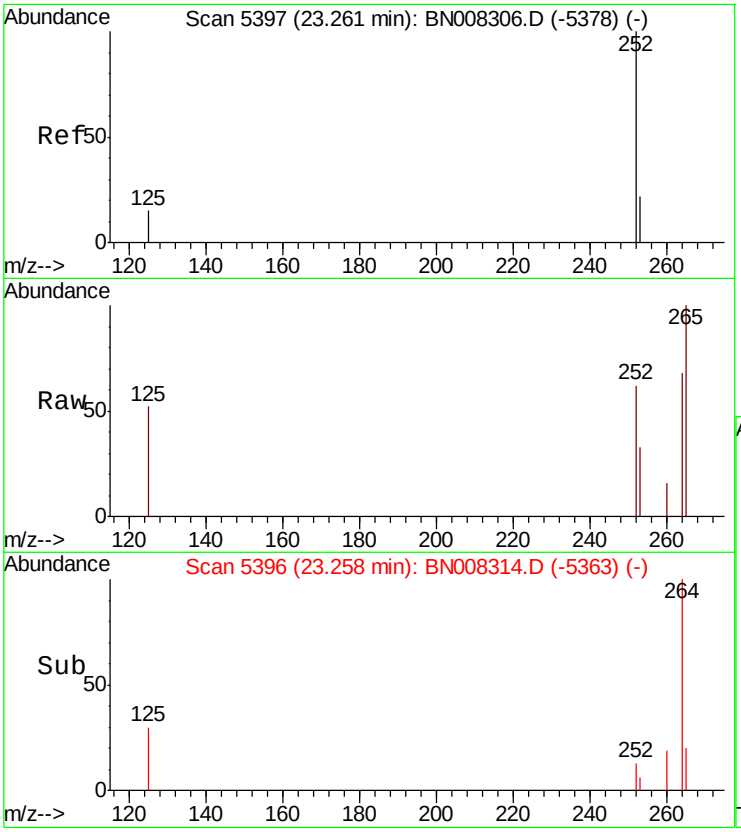


#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:252 Resp: 1526

Ion	Ratio	Lower	Upper
252	100		
253	55.2	21.3	31.9#
125	60.9	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:252 Resp: 2064

Ion	Ratio	Lower	Upper
252	100		
253	53.4	22.8	34.2#
125	84.9	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
BEPF2DL

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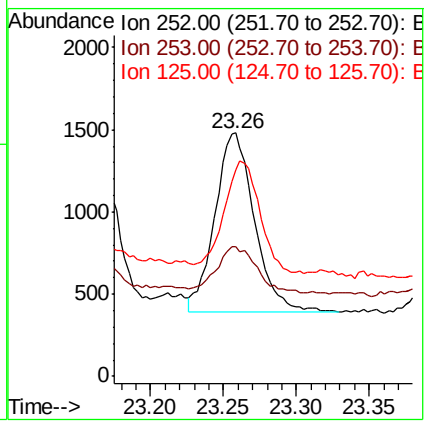
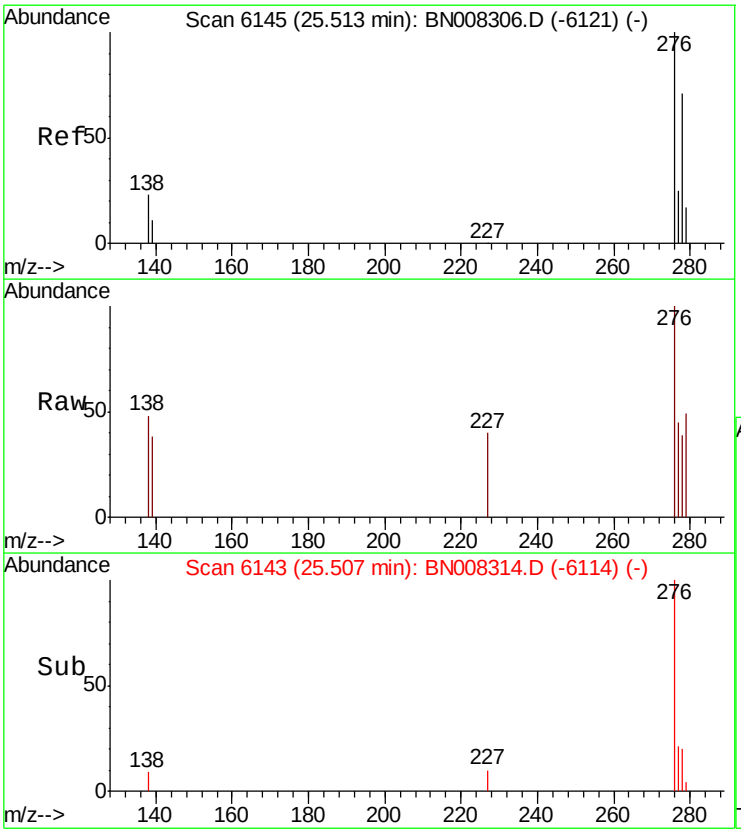
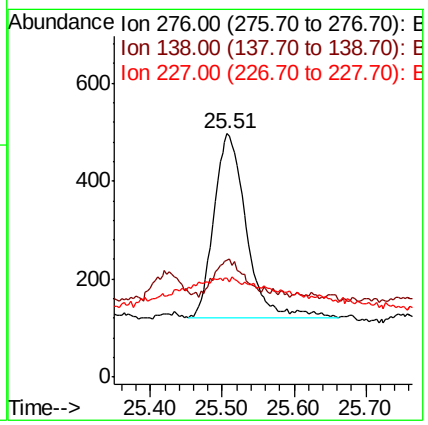


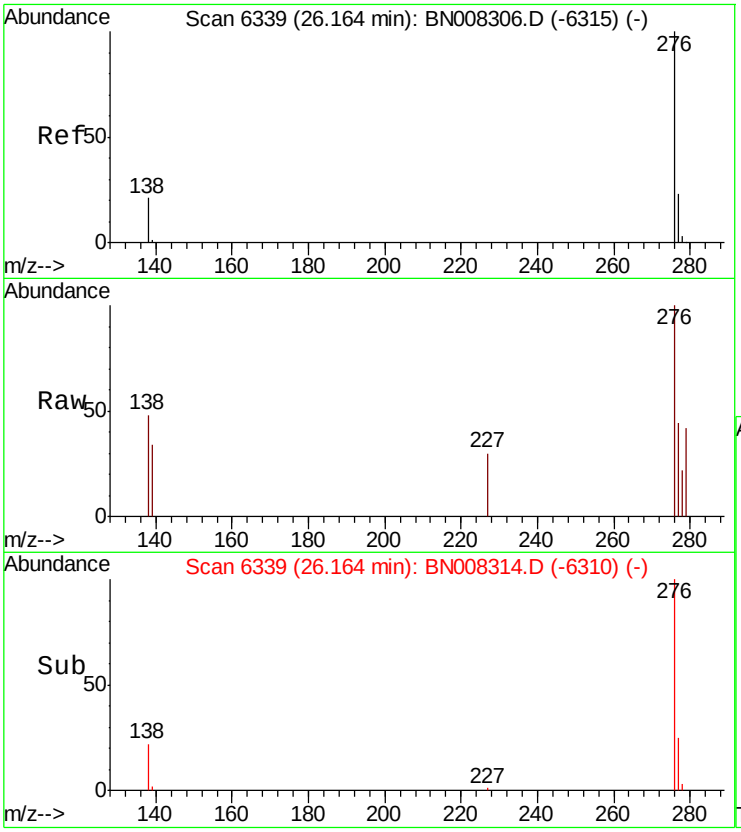


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:276 Resp: 1190

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.1	24.1
227	0.0	0.2	0.2#

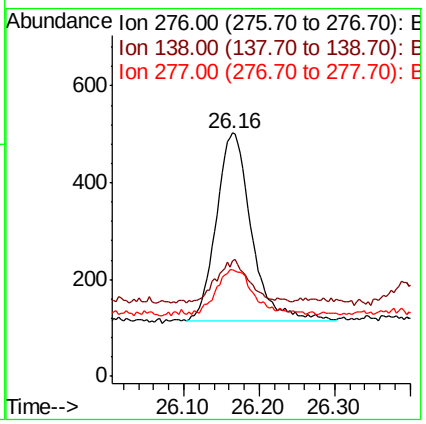




#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008314.D
Acq: 22 Oct 2019 14:14

Tgt Ion:276 Resp: 1252

Ion	Ratio	Lower	Upper
276	100		
138	47.5	17.0	25.4#
277	43.9	20.4	30.6#



Instrument :
BNA_N
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