Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008223.D
Acq On : 17 Oct 2019 15:35
Operator : JU
Sample : K5177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG7

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Quant Time: Oct 18 02:51:00 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	361	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	1438	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	781	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	1394m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	1223	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	1475	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	533	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1120	0.23	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.96	152	132	0.035	ng/ul#	10
12) Phenanthrene	17.03	178	391	0.096	ng/ul#	58
13) Anthracene	17.12	178	89	0.025	ng/ul#	1
15) Fluoranthene	19.06	202	823	0.153	ng/ul	72
17) Pyrene	19.42	202	732m	0.150	ng/ul	
18) Benzo(a)anthracene	21.18	228	477	0.107	ng/ul#	53
19) Chrysene	21.23	228	665	0.122	ng/ul#	66
21) Benzo(b)fluoranthene	22.73	252	674m	0.140	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	260m	0.048	ng/ul	
23) Benzo(a)pyrene	23.28	252	434	0.086	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.54	276	252	0.042	ng/ul#	57
26) Benzo(g,h,i)perylene	26.20	276	270	0.049	ng/ul#	1

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

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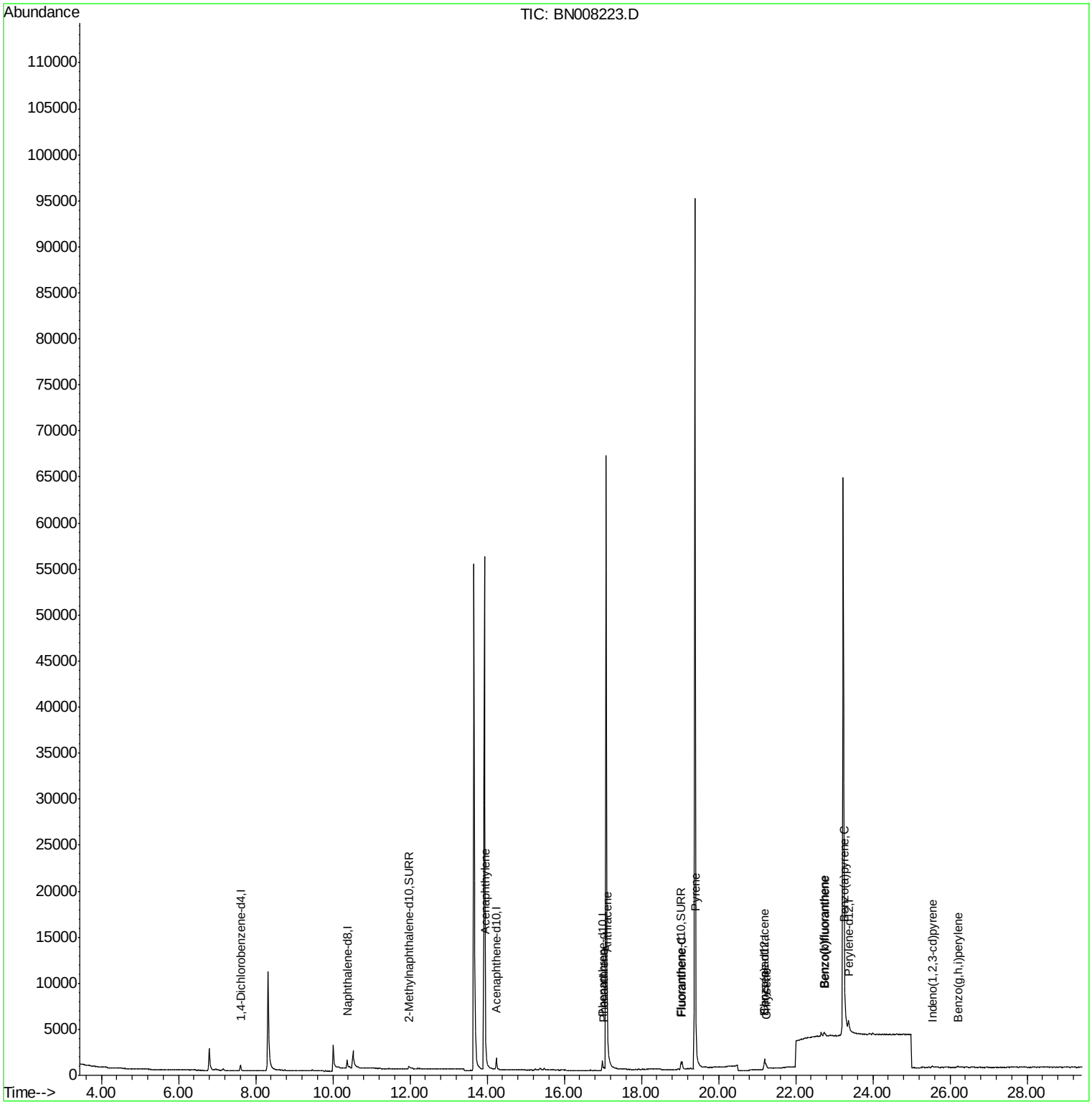

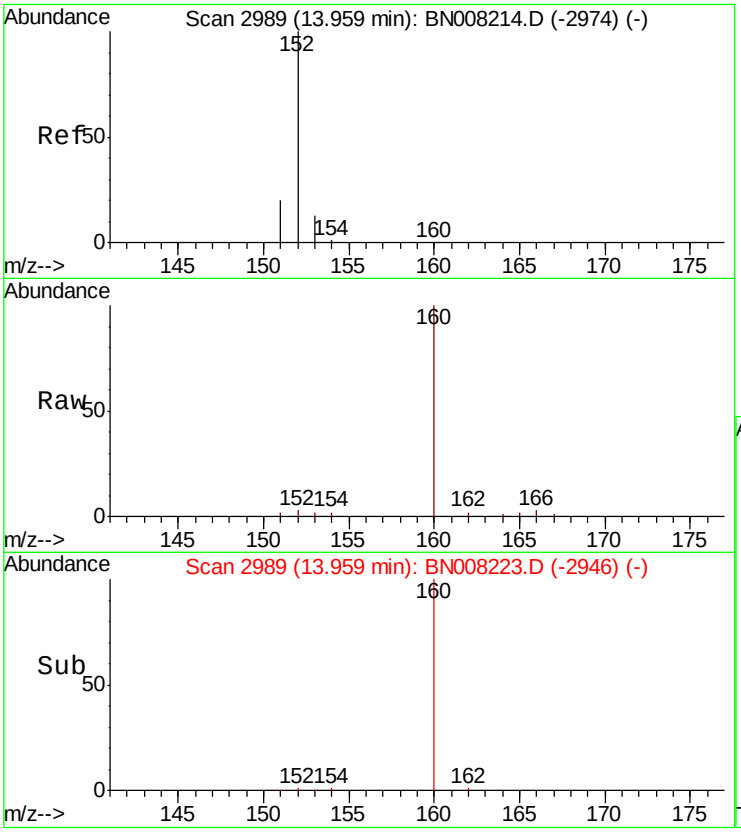

#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:152 Resp: 132

Ion	Ratio	Lower	Upper
152	100		
151	57.5	16.2	24.4#
153	55.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPG7

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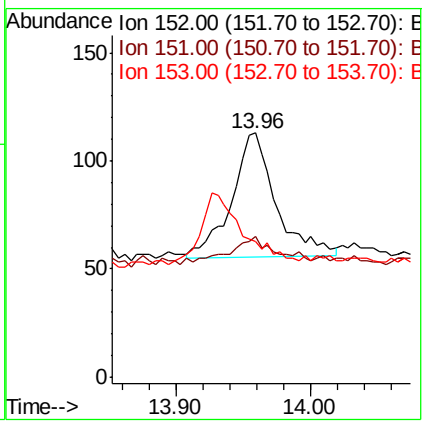
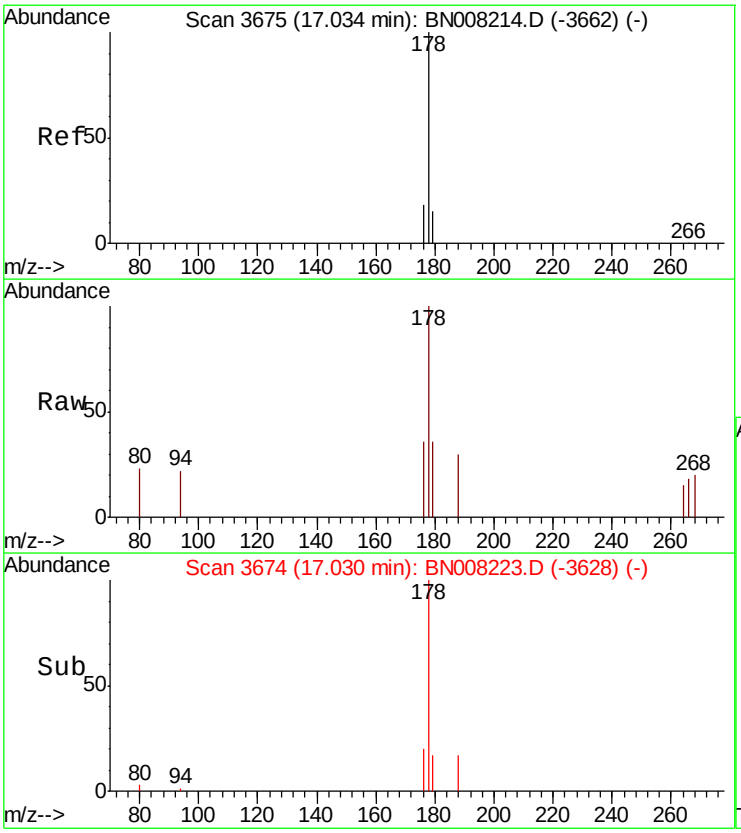
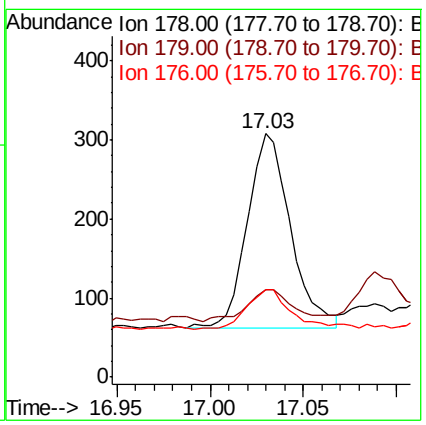


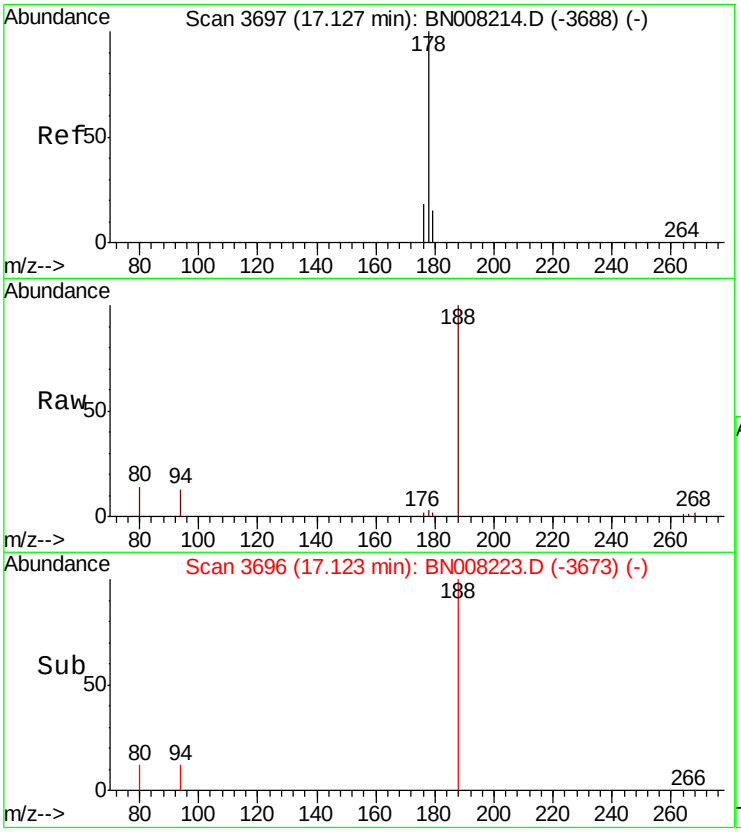


#12
Phenanthrene
Concen: 0.096 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:178 Resp: 391

Ion	Ratio	Lower	Upper
178	100		
179	36.0	12.8	19.2#
176	36.0	15.4	23.2#





#13
Anthracene
Concen: 0.025 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:178 Resp: 89

Ion	Ratio	Lower	Upper
178	100		
179	72.3	13.0	19.6#
176	59.7	15.0	22.6#

Instrument :
BNA_N
ClientSampleId :
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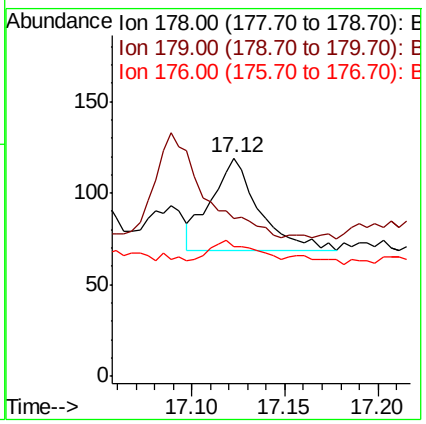
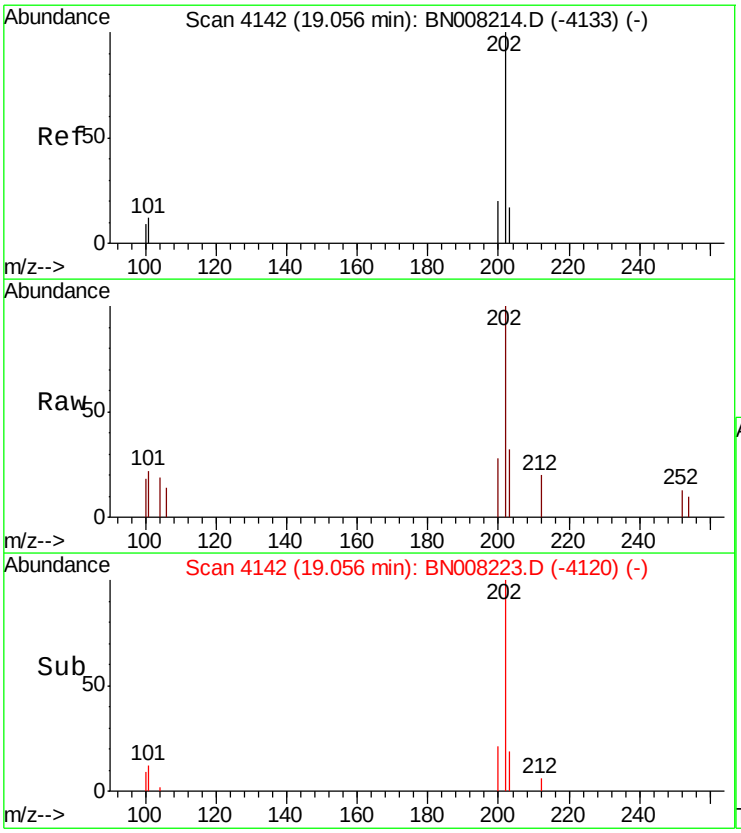
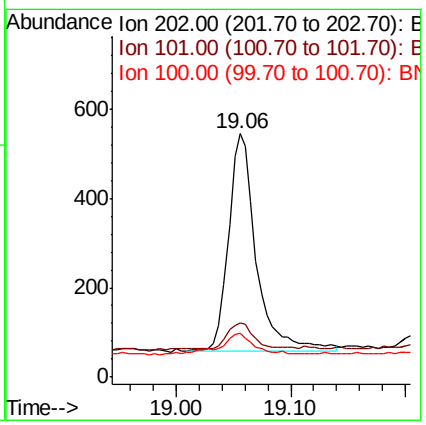


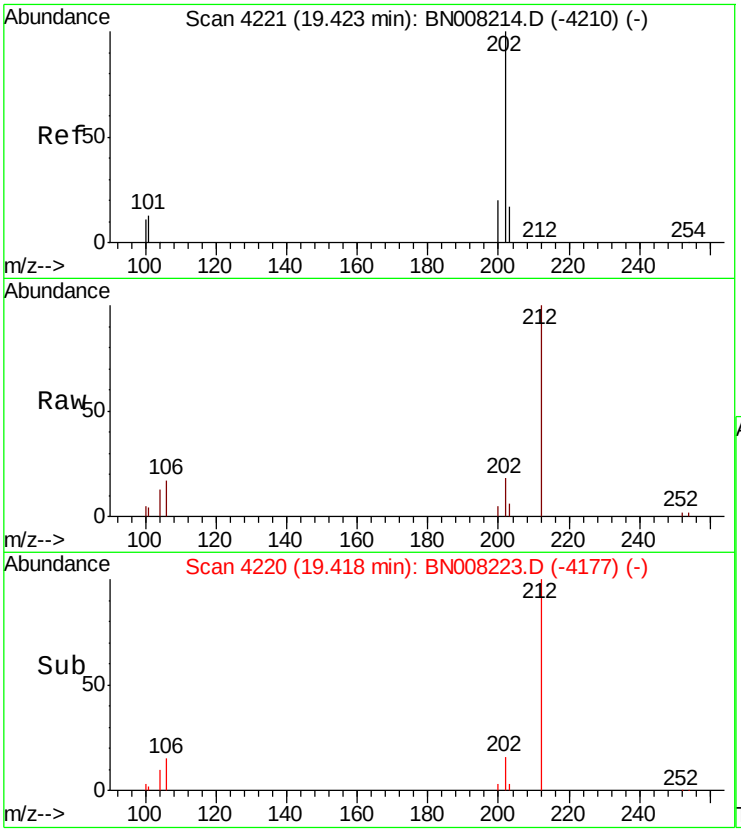


#15
Fluoranthene
Concen: 0.153 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:202 Resp: 823

Ion	Ratio	Lower	Upper
202	100		
101	22.1	0.0	31.2
100	18.2	0.0	28.5





#17
Pyrene
Concen: 0.150 ng/ul m
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:202 Resp: 732

Ion	Ratio	Lower	Upper
202	100		
101	23.7	10.9	16.3#
100	25.7	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEPG7

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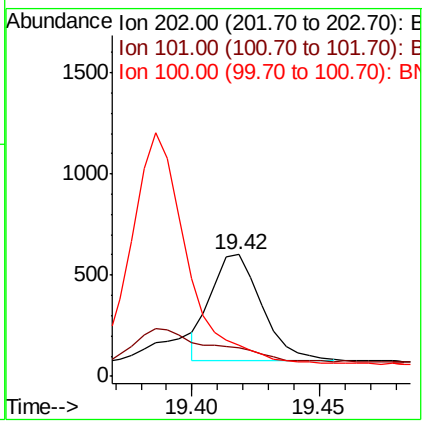
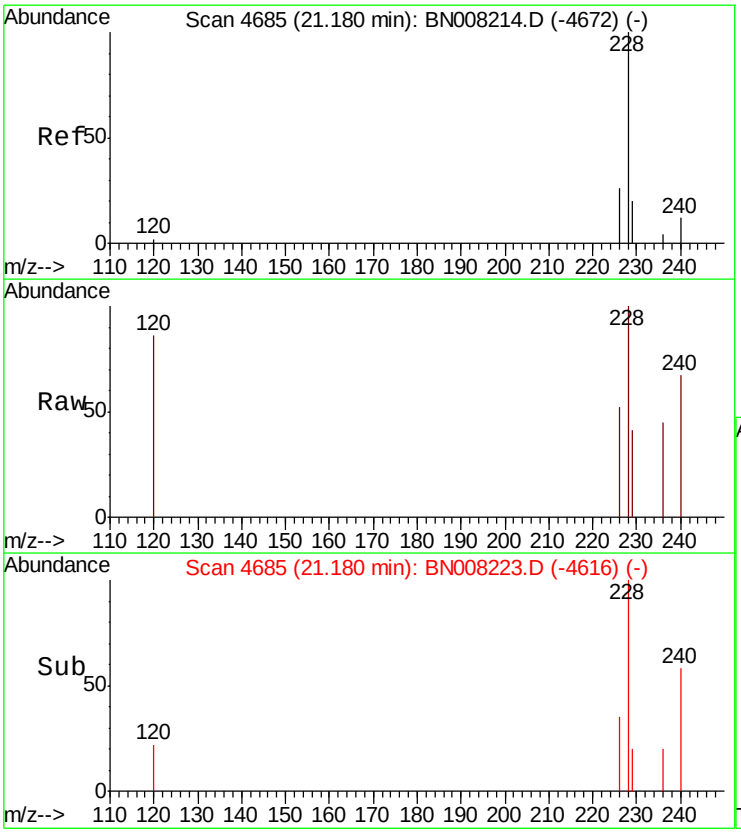
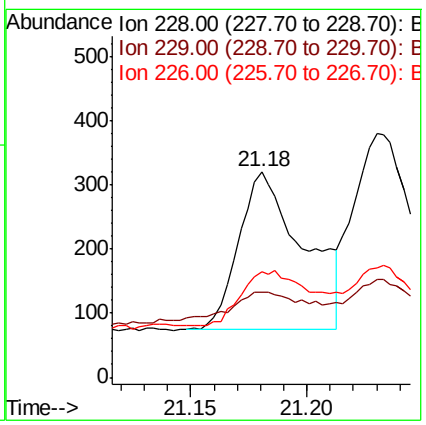


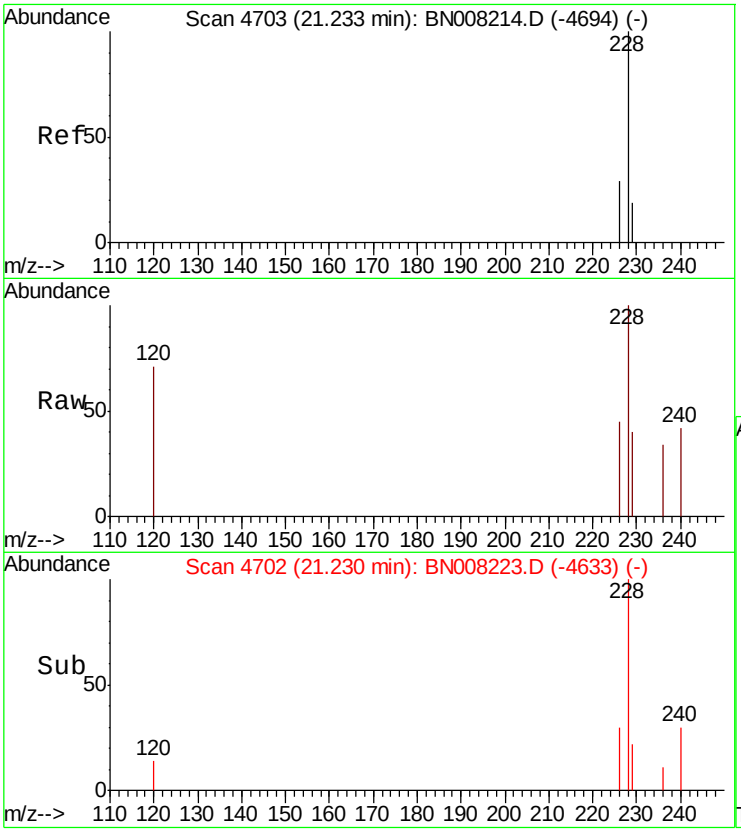


#18
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:228 Resp: 477

Ion	Ratio	Lower	Upper
228	100		
229	41.3	16.2	24.2#
226	51.6	21.4	32.0#





#19
Chrysene
Concen: 0.122 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:228 Resp: 665

Ion	Ratio	Lower	Upper
228	100		
226	44.9	24.1	36.1#
229	40.4	16.2	24.2#

Instrument :
BNA_N
ClientSampleId :
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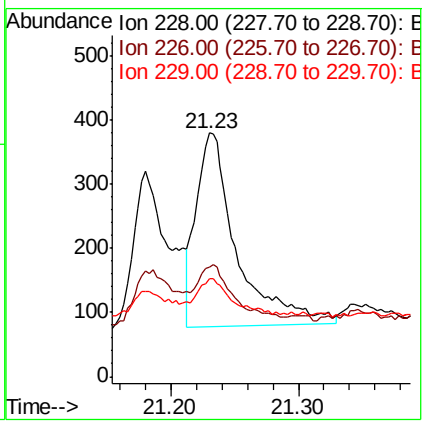
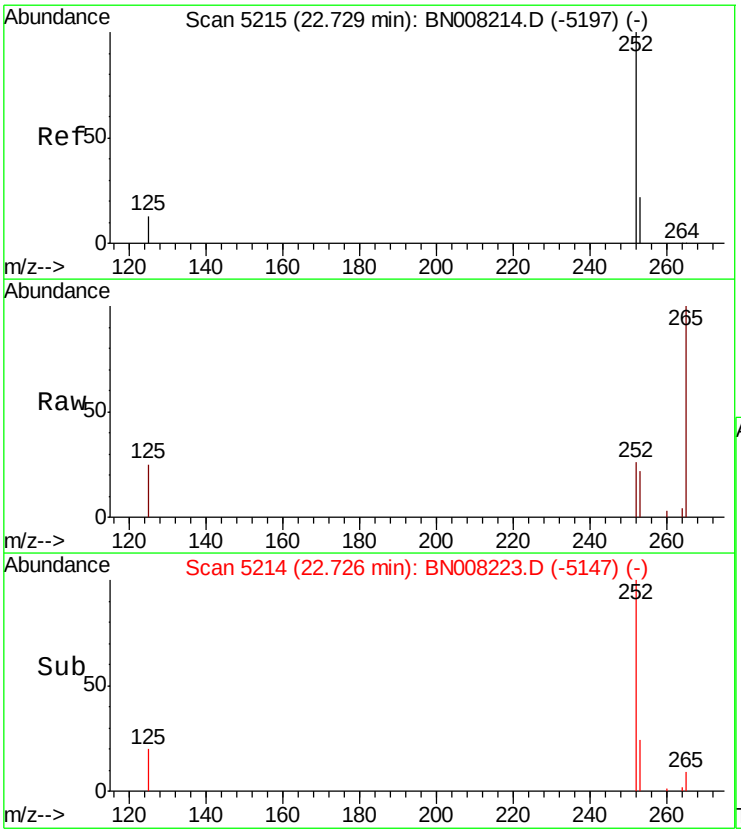
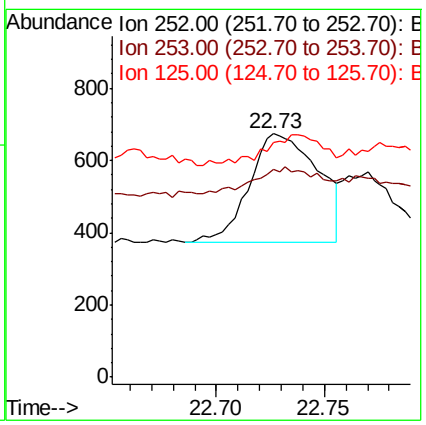


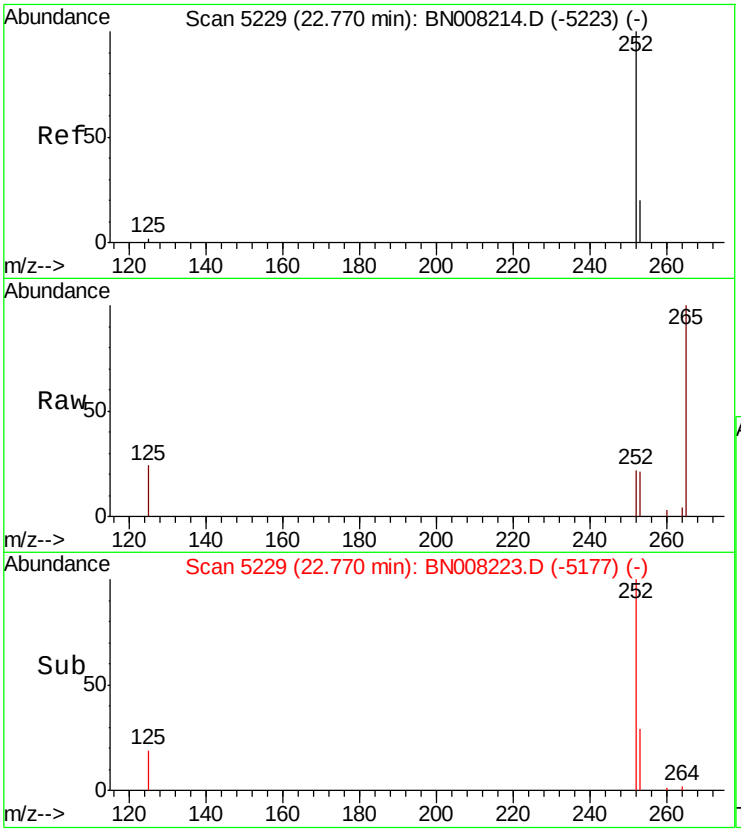


#21
Benzo(b)fluoranthene
Concen: 0.140 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:252 Resp: 674

Ion	Ratio	Lower	Upper
252	100		
253	85.2	0.0	53.4#
125	96.4	0.0	32.4#

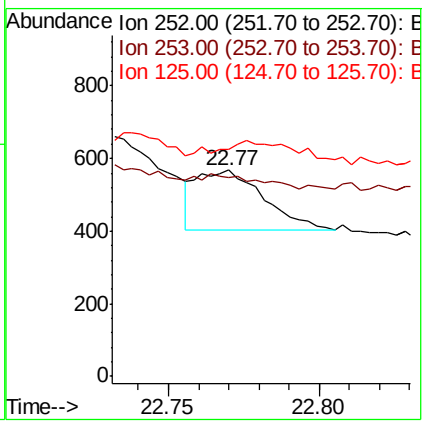




#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:252 Resp: 260

Ion	Ratio	Lower	Upper
252	100		
253	96.7	21.3	31.9#
125	110.0	12.3	18.5#



Instrument :
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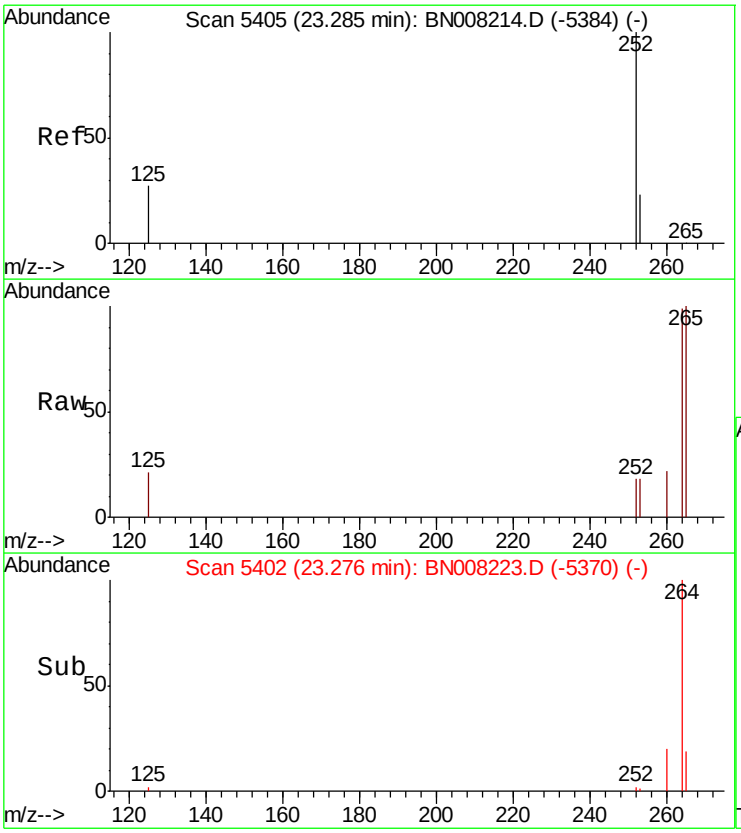
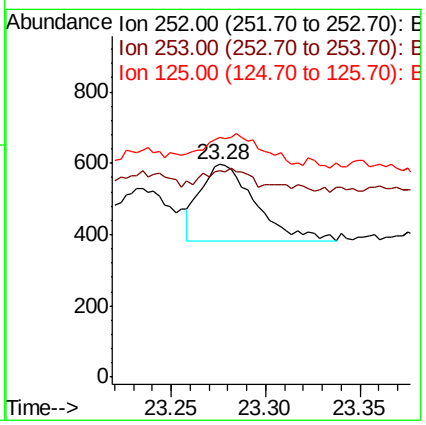
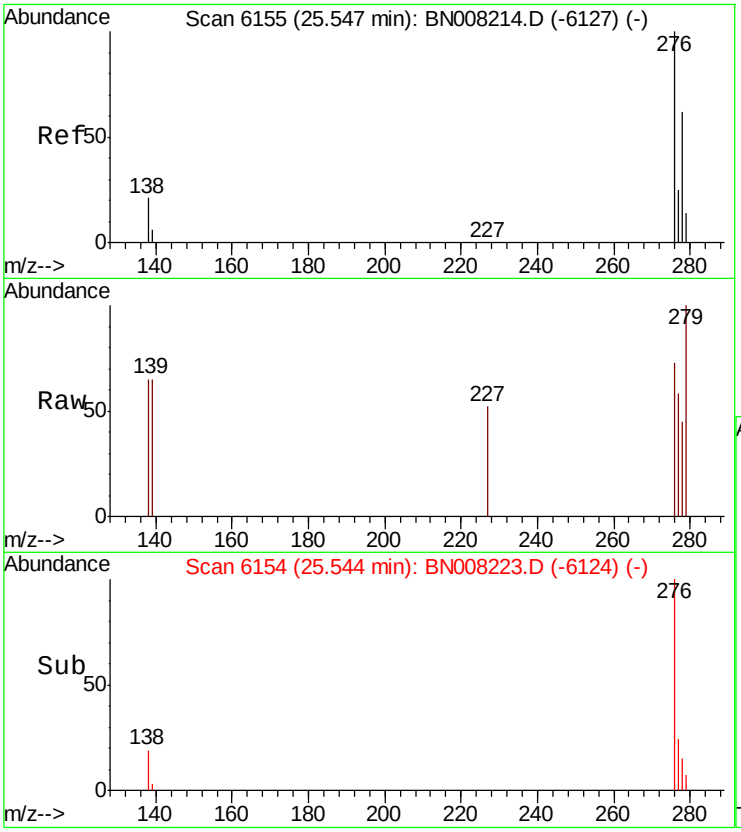


#23
Benzo(a)pyrene
Concen: 0.086 ng/ul
RT: 23.28 min Scan# 5402
Delta R.T. -0.01 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:252 Resp: 434

Ion	Ratio	Lower	Upper
252	100		
253	97.1	22.8	34.2#
125	112.6	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 25.54 min Scan# 6154
Delta R.T. 0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:276 Resp: 252

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.1	24.1#
227	1.6	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPG7

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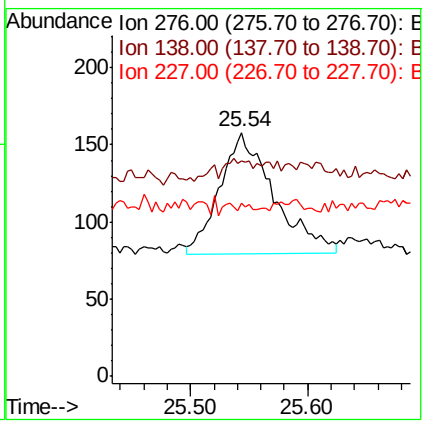

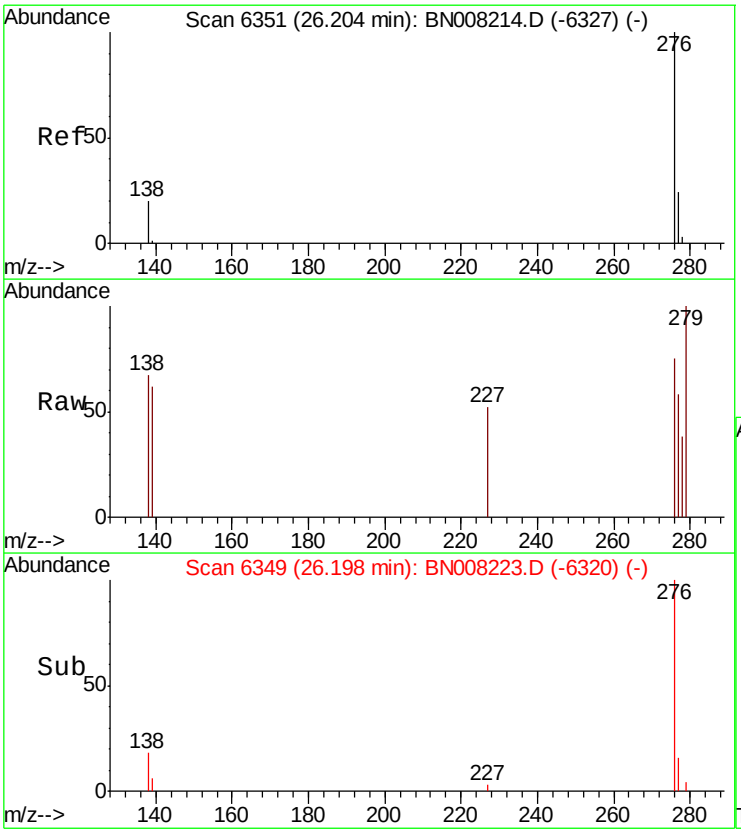

#26
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008223.D
Acq: 17 Oct 2019 15:35

Tgt Ion:276 Resp: 270

Ion	Ratio	Lower	Upper
276	100		
138	88.1	17.0	25.4#
277	76.3	20.4	30.6#