Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008218.D
Acq On : 17 Oct 2019 12:35
Operator : JU
Sample : K5175-21DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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10/20/2019 8:08:06 PM

Quant Time: Oct 18 02:32:19 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	2878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13621	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8814	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18532m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15392	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11324	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	537	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	1630	0.03	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.30	153	1251	0.038	ng/ul	98
9) Fluorene	15.30	166	2296	0.062	ng/ul#	96
12) Phenanthrene	17.03	178	41364	0.762	ng/ul	99
13) Anthracene	17.12	178	12045	0.252	ng/ul	98
15) Fluoranthene	19.06	202	52768	0.736	ng/ul	99
17) Pyrene	19.42	202	45964	0.750	ng/ul	99
18) Benzo(a)anthracene	21.17	228	28885	0.516	ng/ul	98
19) Chrysene	21.23	228	24381	0.355	ng/ul	97
21) Benzo(b)fluoranthene	22.73	252	20656m	0.560	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	7763m	0.186	ng/ul	
23) Benzo(a)pyrene	23.28	252	14407	0.371	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.54	276	7151	0.157	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.54	278	2010	0.056	ng/ul#	56
26) Benzo(g,h,i)perylene	26.20	276	4903	0.117	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Acq On : 17 Oct 2019 12:35
Operator : JU
Sample : K5175-21DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 18 02:32:19 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

Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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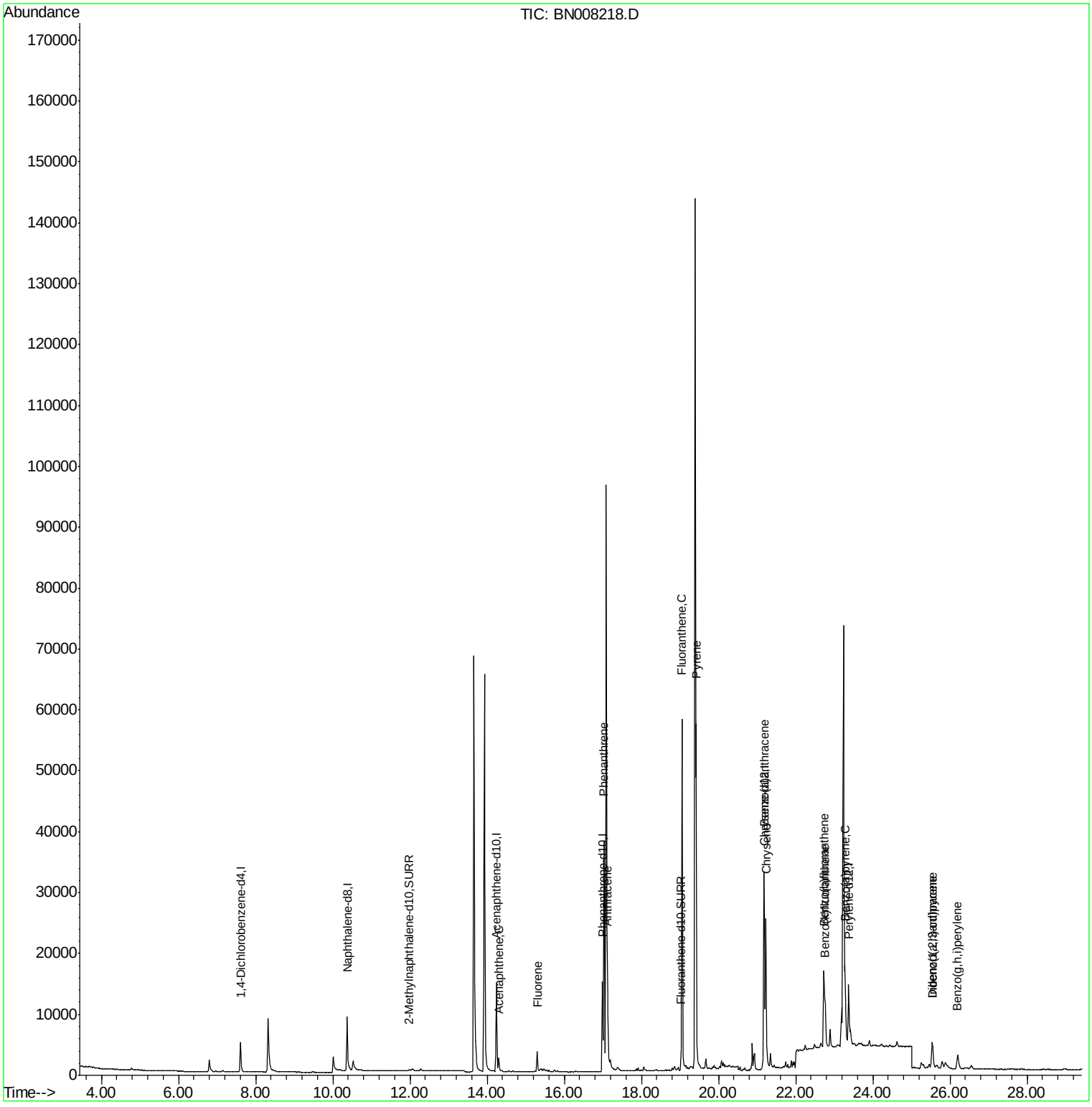
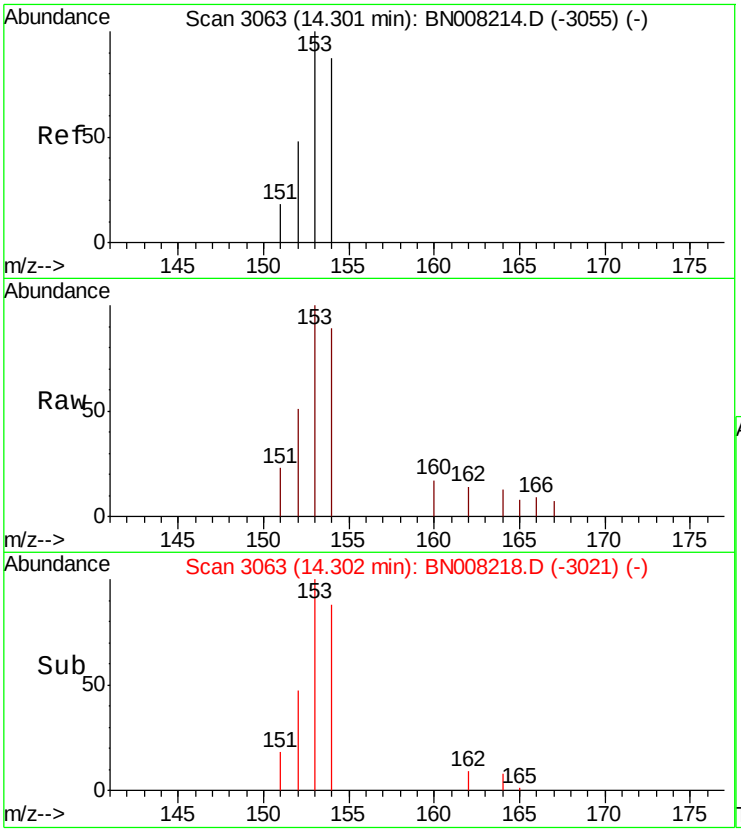
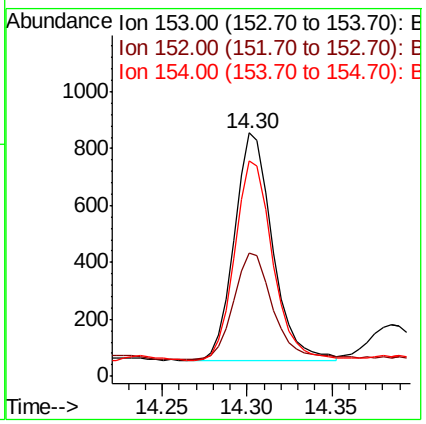




#8
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:153 Resp: 1251

Ion	Ratio	Lower	Upper
153	100		
152	50.7	38.2	57.2
154	88.6	71.8	107.8



Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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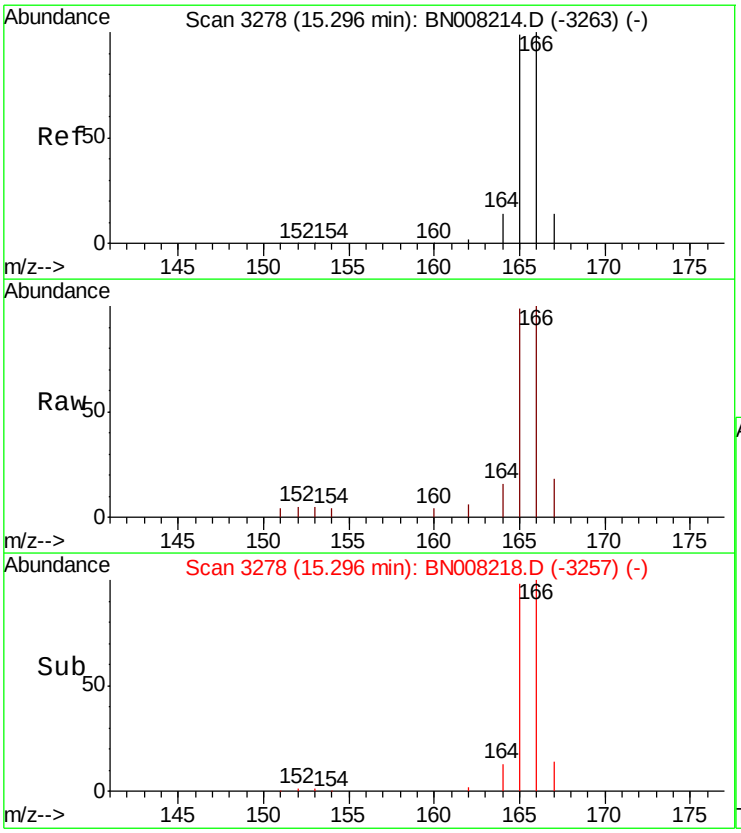
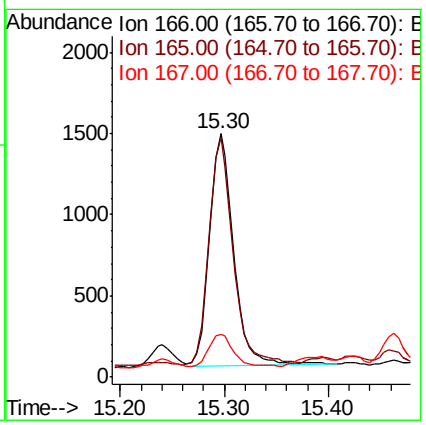
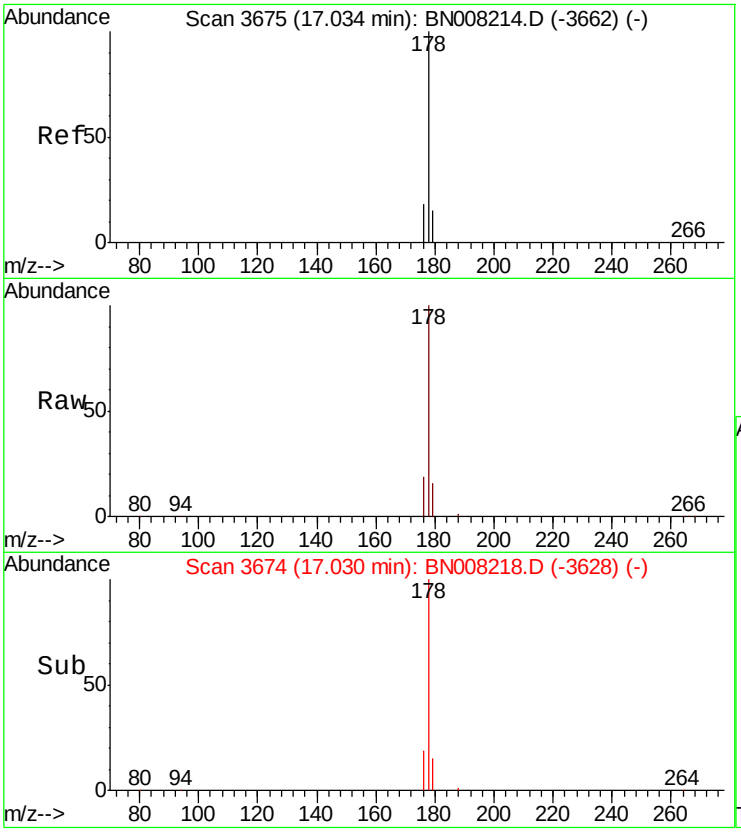


#9
Fluorene
Concen: 0.062 ng/ul
RT: 15.30 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:166 Resp: 2296

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.6	115.0
167	17.7	11.7	17.5#

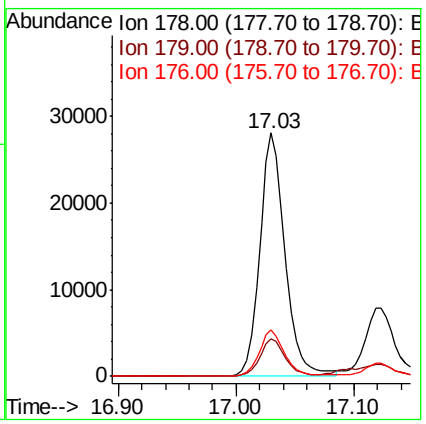




#12
Phenanthrene
Concen: 0.762 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:178 Resp: 41364

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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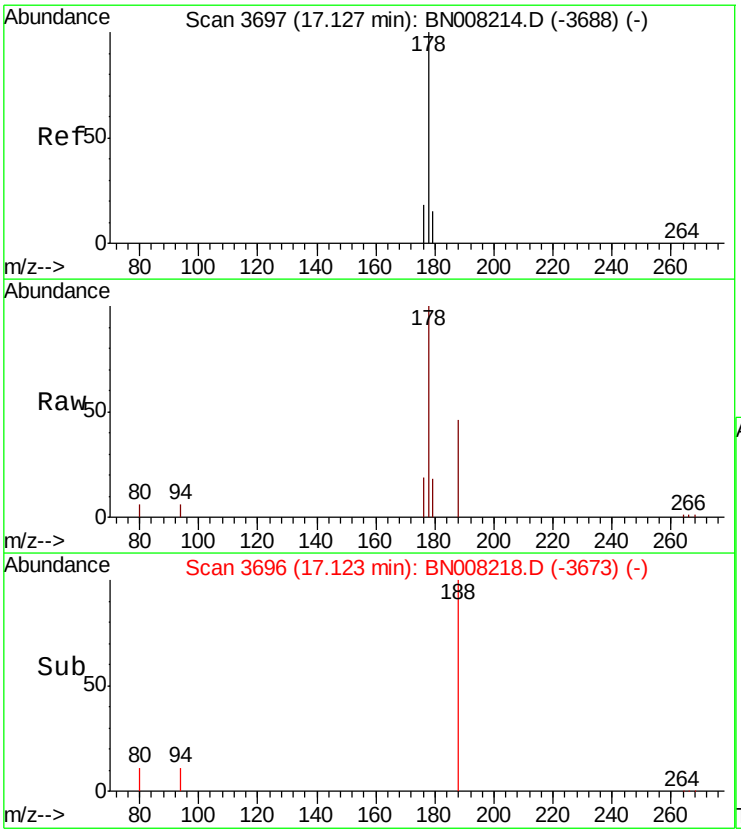
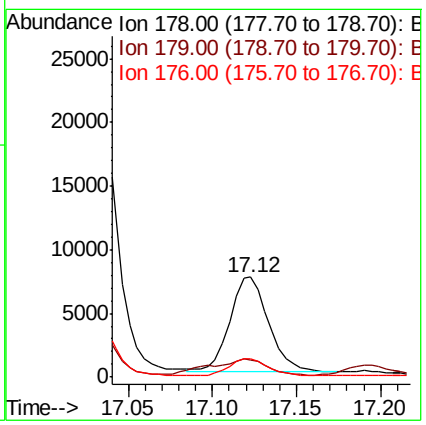
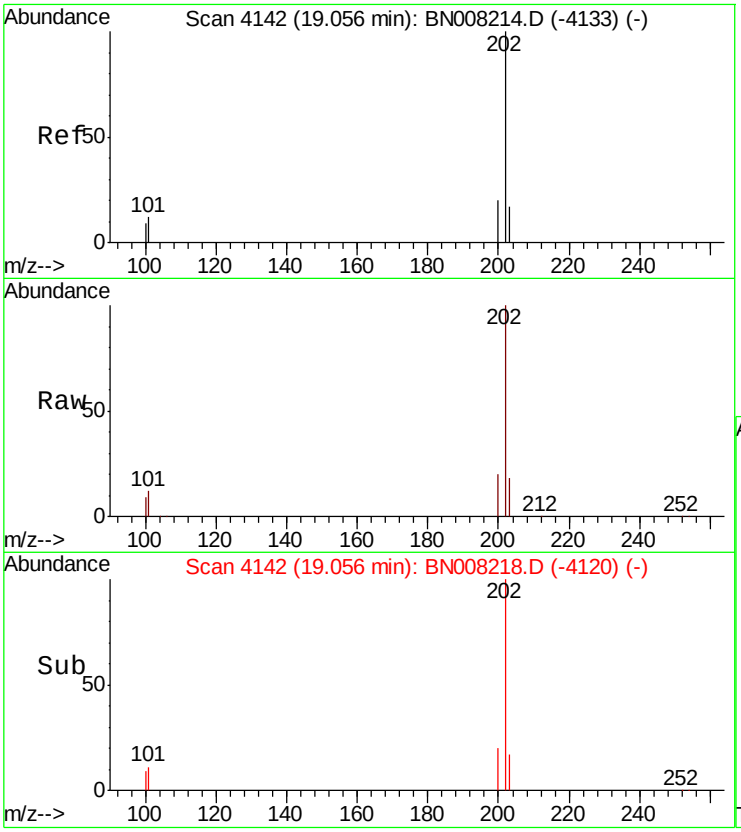


#13
Anthracene
Concen: 0.252 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:178 Resp: 12045

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.0	19.6
176	18.7	15.0	22.6

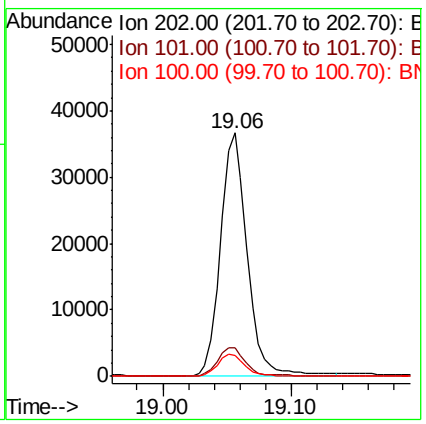




#15
Fluoranthene
Concen: 0.736 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:202 Resp: 52768

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	8.8	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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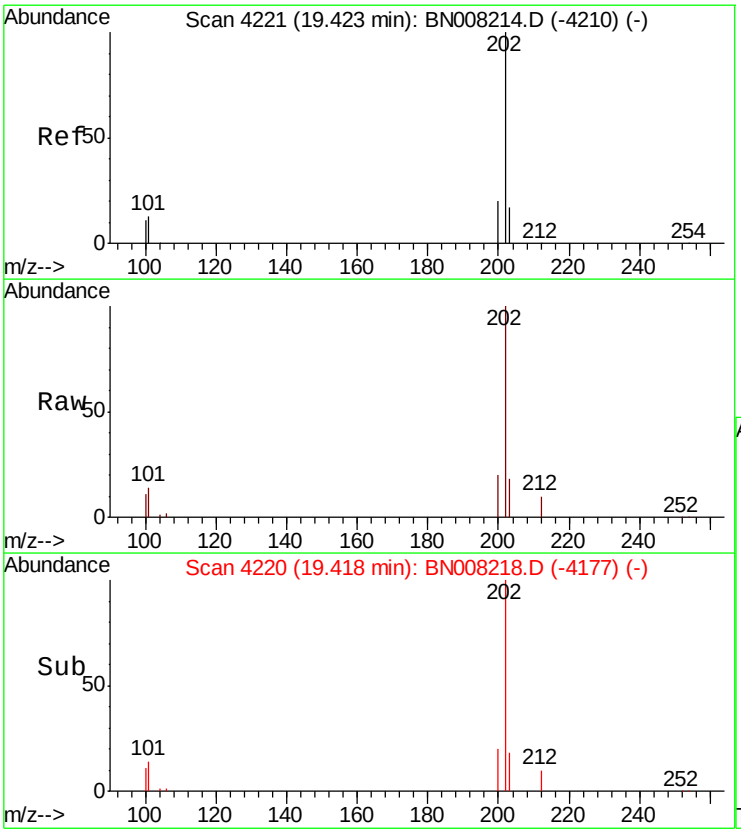
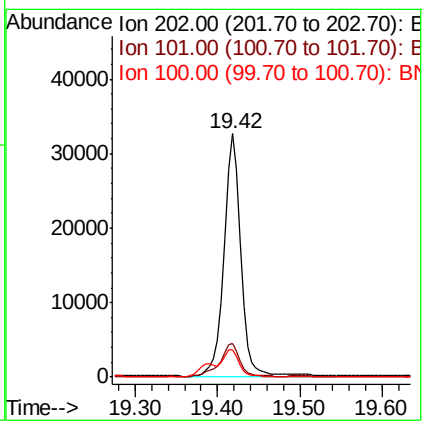
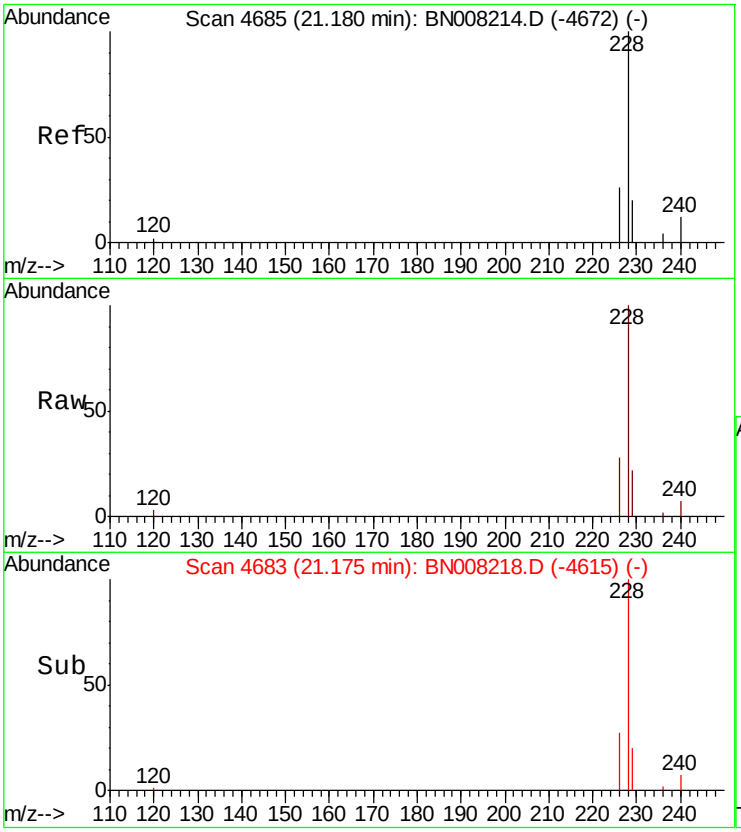


#17
Pyrene
Concen: 0.750 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:202 Resp: 45964

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.4	8.7	13.1

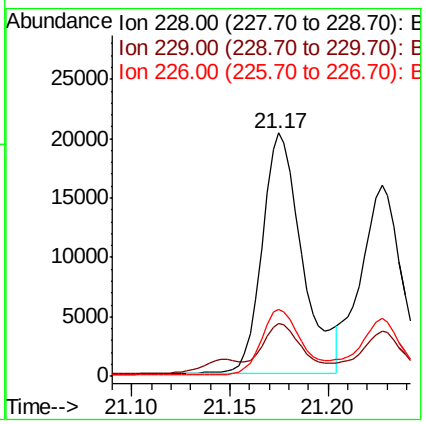




#18
Benzo(a)anthracene
Concen: 0.516 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:228 Resp: 28885

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	27.5	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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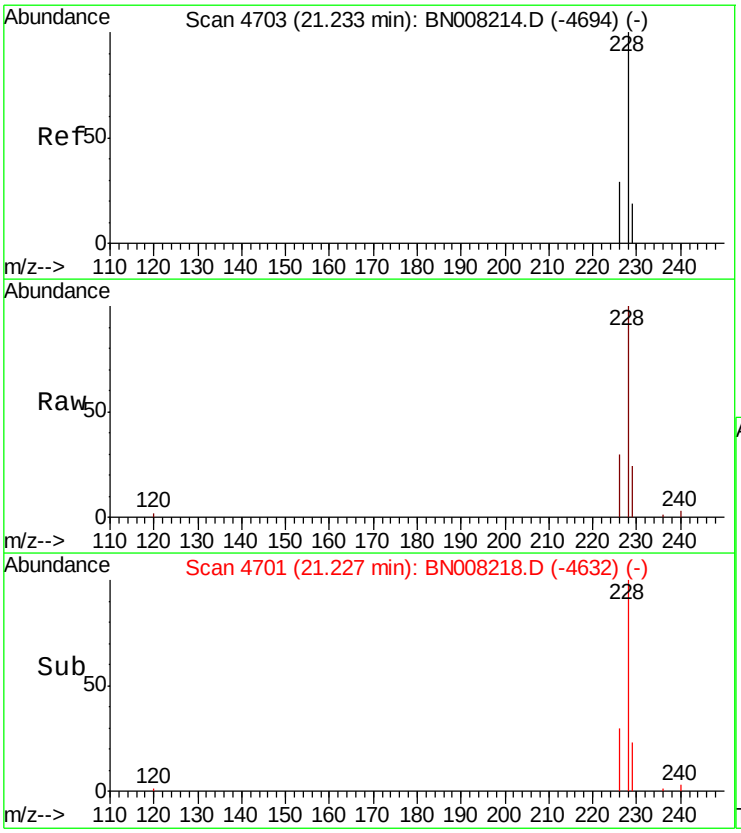
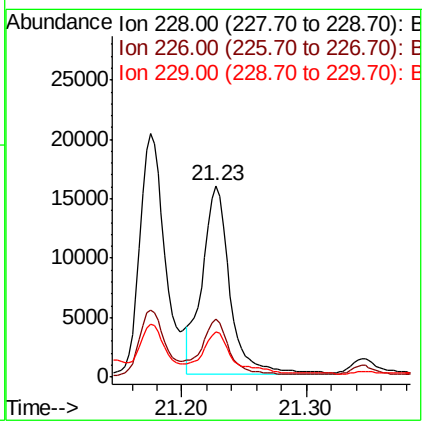
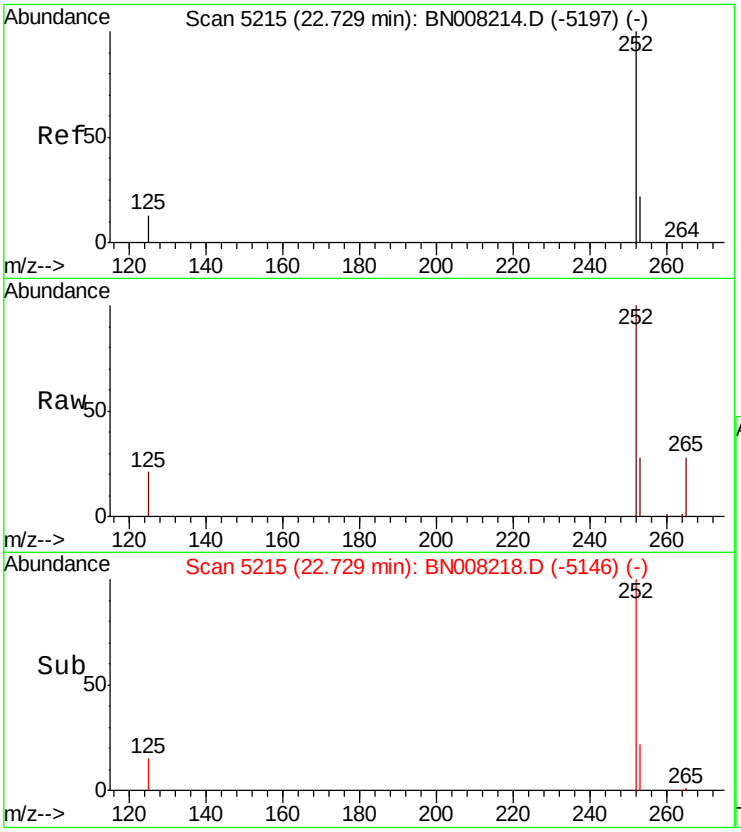


#19
Chrysene
Concen: 0.355 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:228 Resp: 24381

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	23.7	16.2	24.2

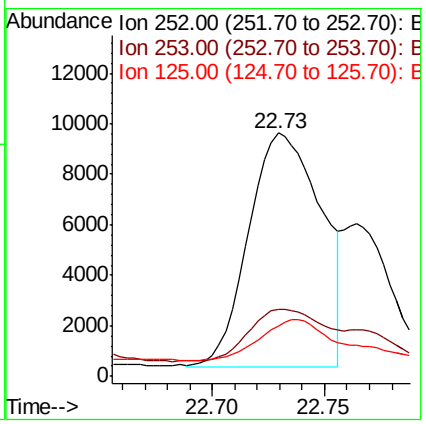




#21
Benzo(b)fluoranthene
Concen: 0.560 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:252 Resp: 20656

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	53.4
125	20.9	0.0	32.4



Instrument :
BNA_N
ClientSampleId :
BEPG5DL

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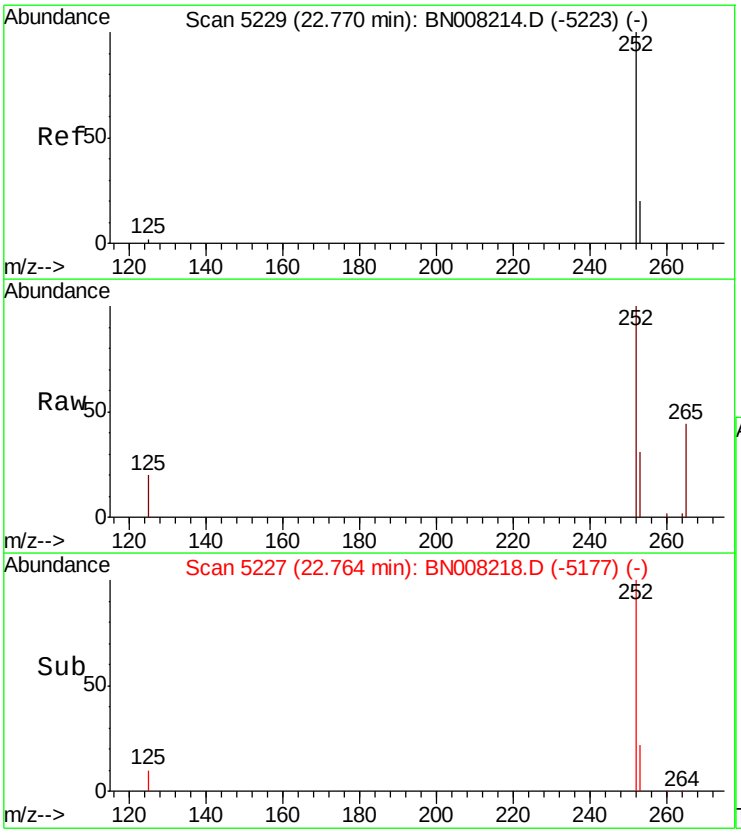
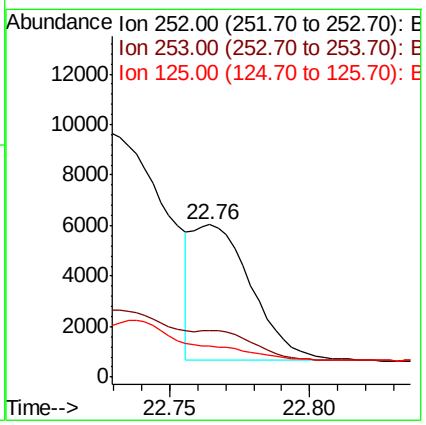
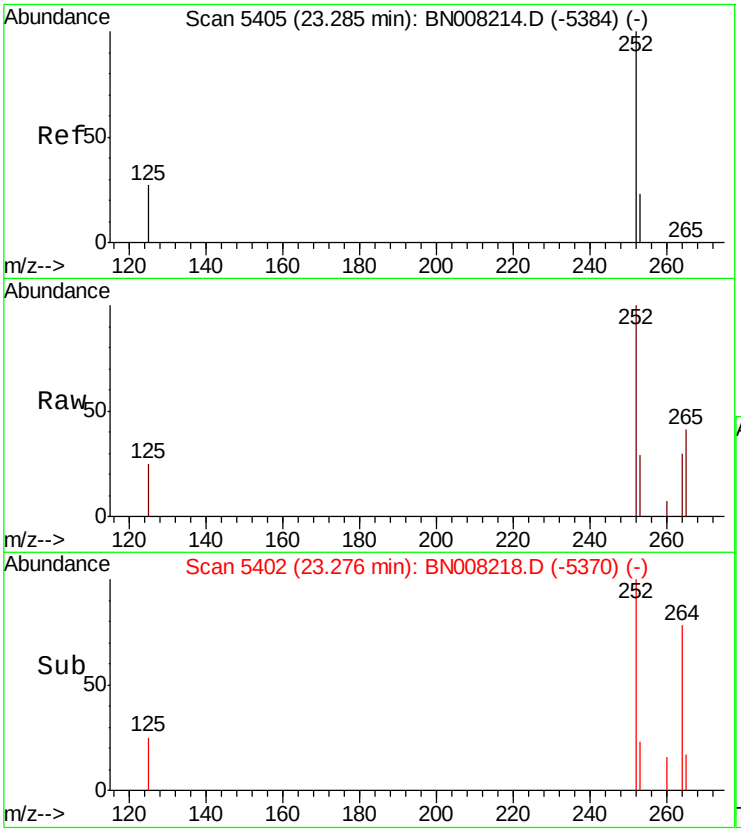


#22
Benzo(k)fluoranthene
Concen: 0.186 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:252 Resp: 7763

Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.3	31.9
125	20.4	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.28 min Scan# 5402
Delta R.T. -0.01 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:252 Resp: 14407

Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.8	34.2
125	24.9	18.4	27.6

Instrument :
BNA_N
ClientSampleId :
BEPG5DL

Manual Integrations APPROVED
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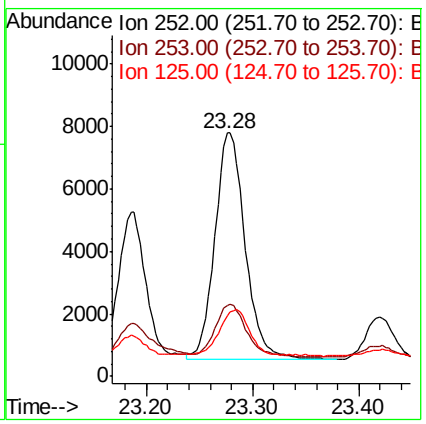
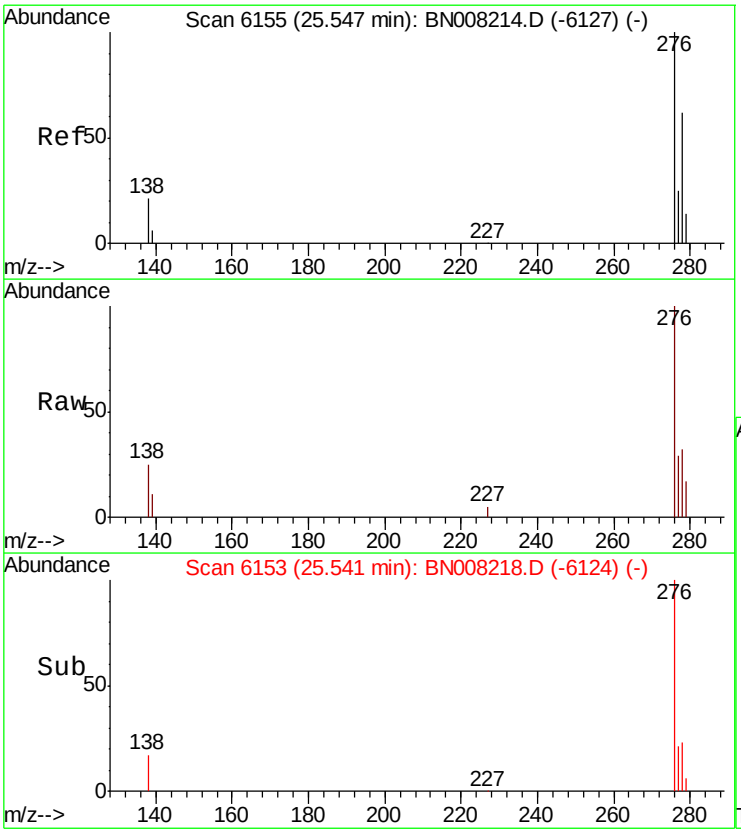
10/20/2019 8:08:06 PM

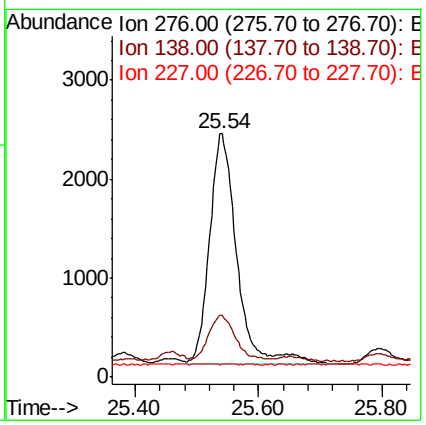


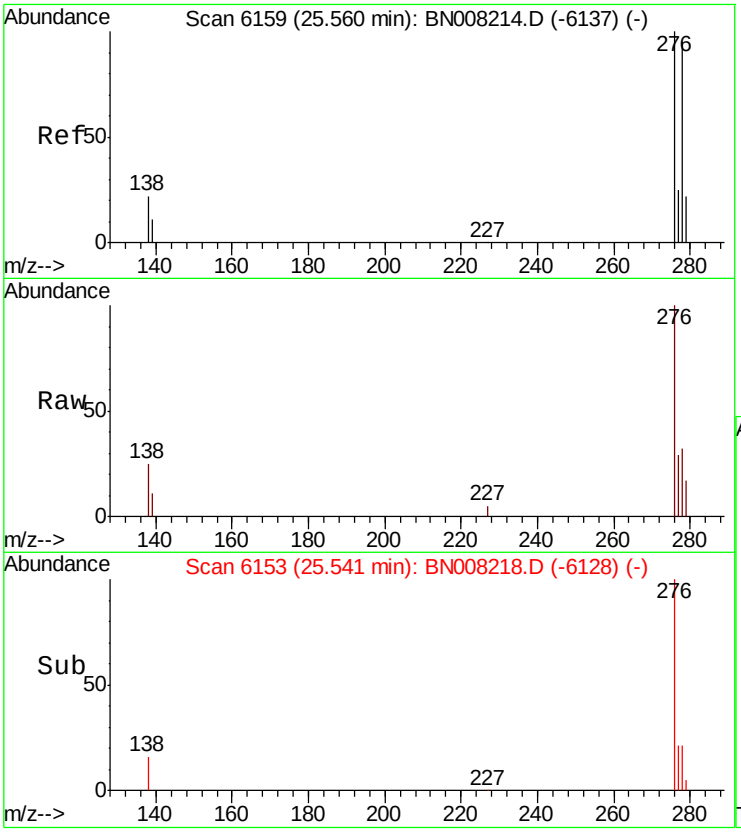


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:276 Resp: 7151

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.1	24.1
227	0.1	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:278 Resp: 2010

Ion	Ratio	Lower	Upper
278	100		
139	34.1	15.0	22.6#
279	54.8	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPG5DL

Manual Integrations APPROVED
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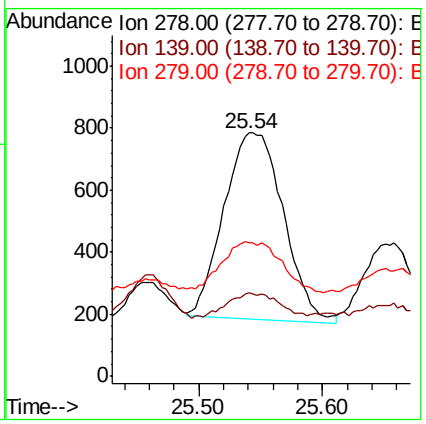

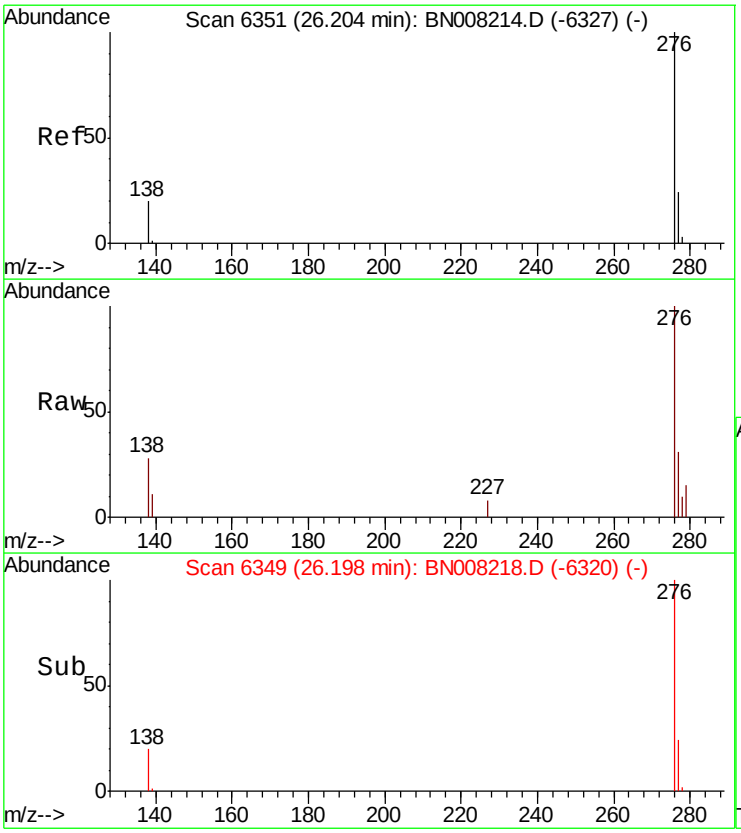

#26
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008218.D
Acq: 17 Oct 2019 12:35

Tgt Ion:276 Resp: 4903

Ion	Ratio	Lower	Upper
276	100		
138	28.3	17.0	25.4#
277	30.6	20.4	30.6#