Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005692.D
Acq On : 14 May 2019 16:59
Operator : JU/SJ
Sample : K2692-16DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5179DL

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Quant Time: May 14 17:45:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1124	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	4831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	3108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7771	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7898	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8452	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	338	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.03	212	1201	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	263	0.021	ng/ul#	44
7) Acenaphthylene	13.94	152	392	0.025	ng/ul#	66
8) Acenaphthene	14.28	153	1549	0.140	ng/ul	97
9) Fluorene	15.28	166	1359	0.105	ng/ul#	98
12) Phenanthrene	17.02	178	24445	1.155	ng/ul	99
13) Anthracene	17.12	178	6197	0.293	ng/ul	97
15) Fluoranthene	19.06	202	60886	2.078	ng/ul	96
17) Pyrene	19.42	202	53560	1.836	ng/ul	96
18) Benzo(a)anthracene	21.21	228	33158	1.218	ng/ul	98
19) Chrysene	21.27	228	34174	1.022	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	37699m	1.483	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	14034m	0.441	ng/ul	
23) Benzo(a)pyrene	23.36	252	23365	0.823	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	11852	0.373	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.66	278	3136	0.119	ng/ul#	73
26) Benzo(g,h,i)perylene	26.33	276	10378	0.383	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005692.D
Acq On : 14 May 2019 16:59
Operator : JU/SJ
Sample : K2692-16DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: May 14 17:45:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A5179DL

Manual Integrations APPROVED
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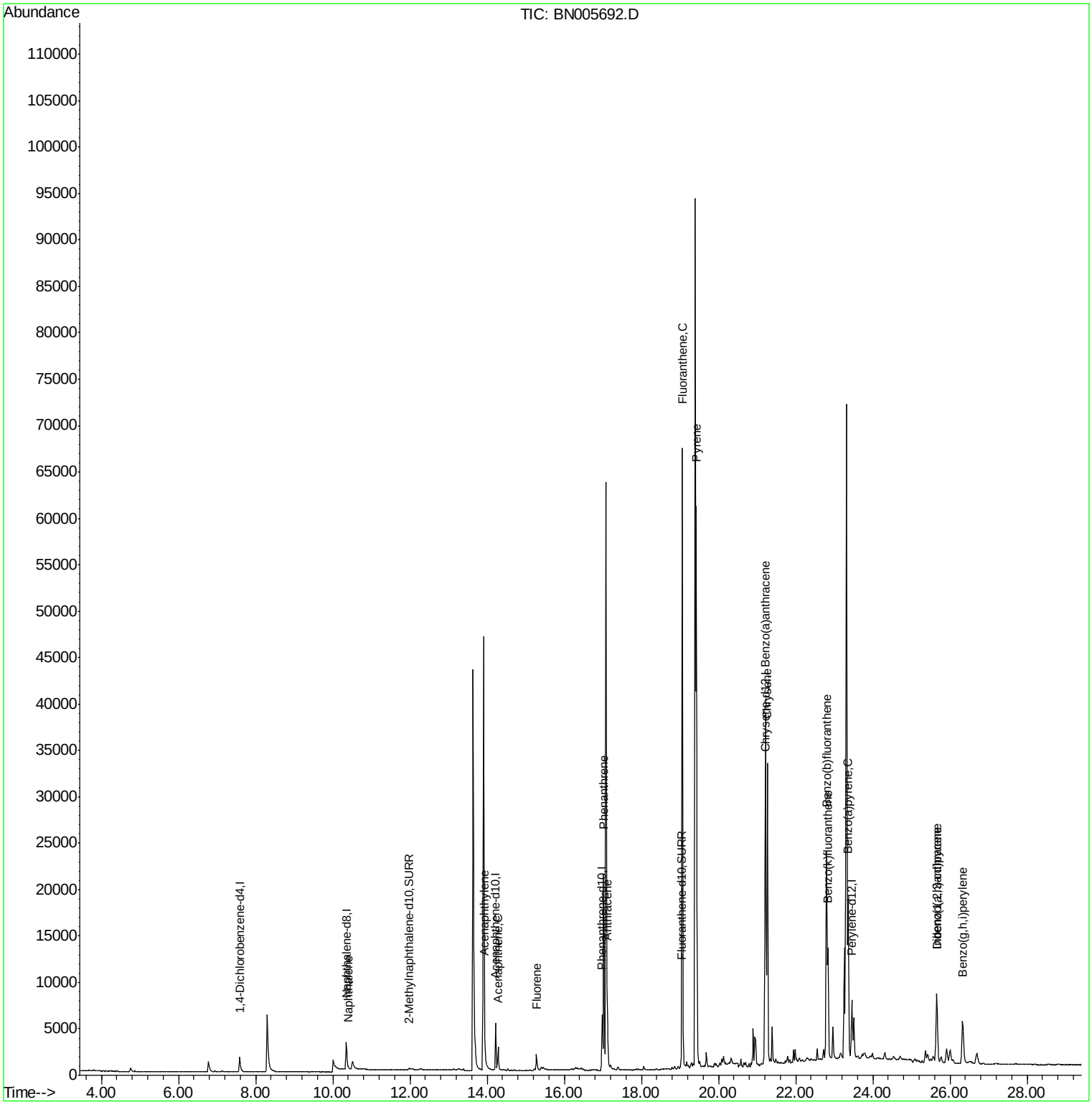

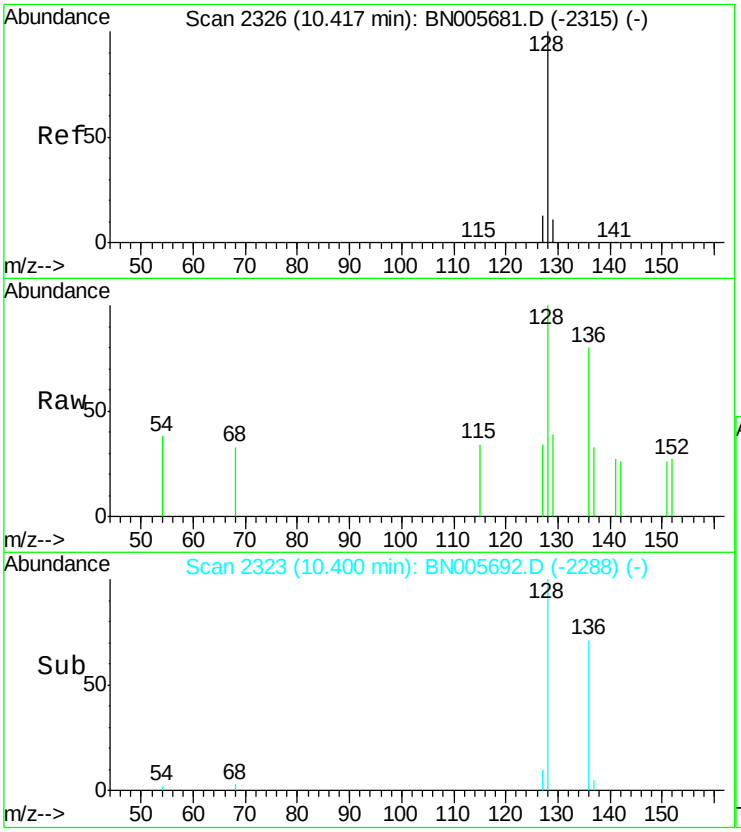

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:128 Resp: 263

Ion	Ratio	Lower	Upper
128	100		
129	38.7	10.2	15.2#
127	34.4	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
A5179DL

Manual Integrations APPROVED
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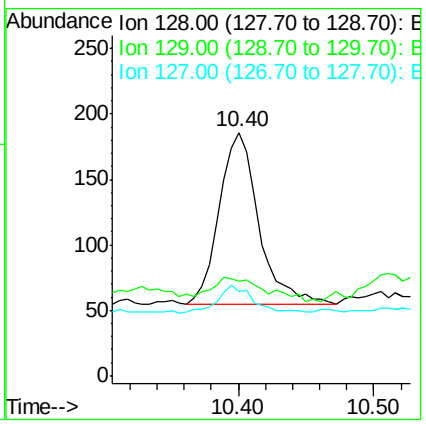
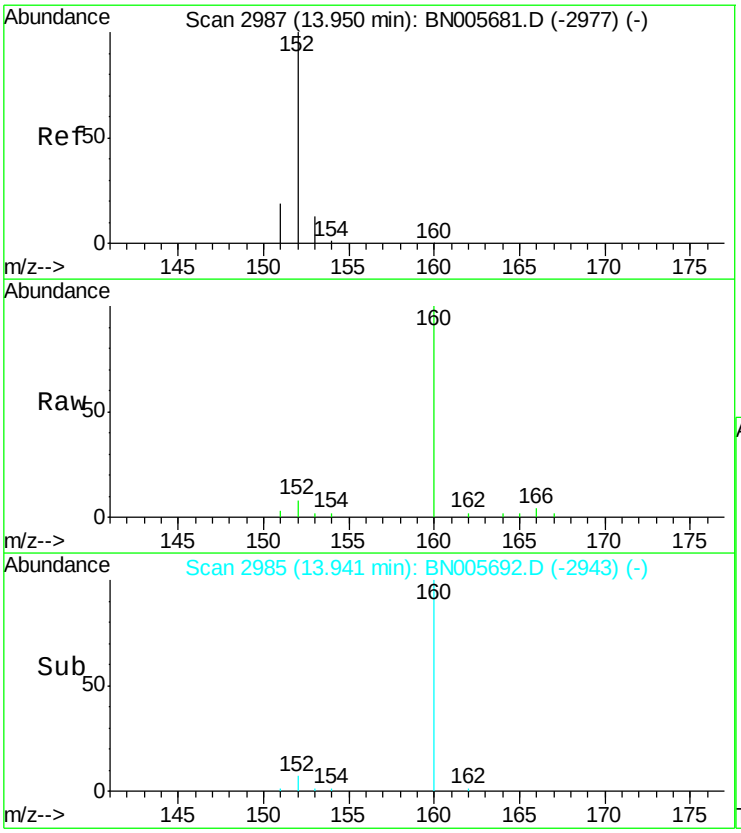
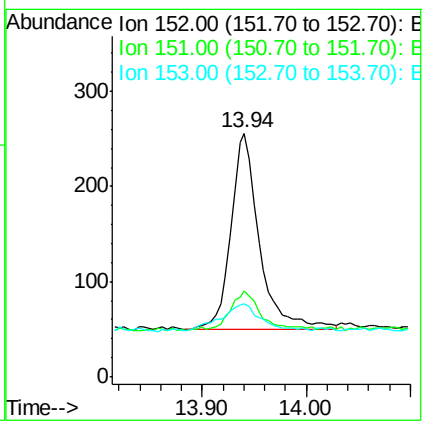


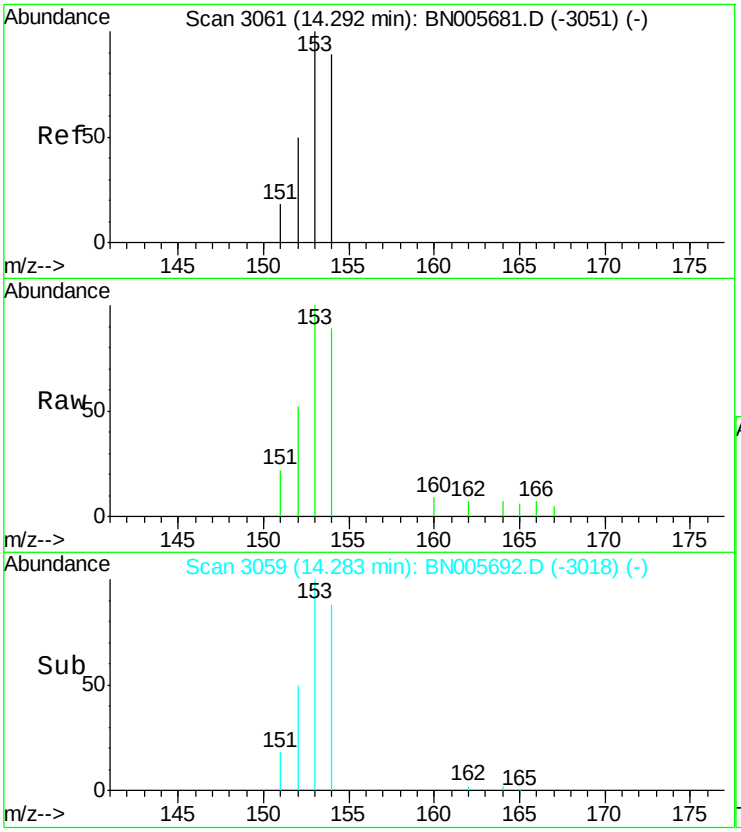


#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:152 Resp: 392

Ion	Ratio	Lower	Upper
152	100		
151	35.2	16.7	25.1#
153	30.1	11.6	17.4#





#8
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:153 Resp: 1549

Ion	Ratio	Lower	Upper
153	100		
152	52.4	40.8	61.2
154	88.8	73.2	109.8

Instrument :
BNA_N
ClientSampleId :
A5179DL

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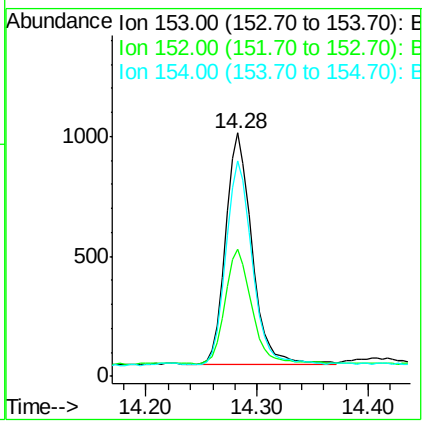
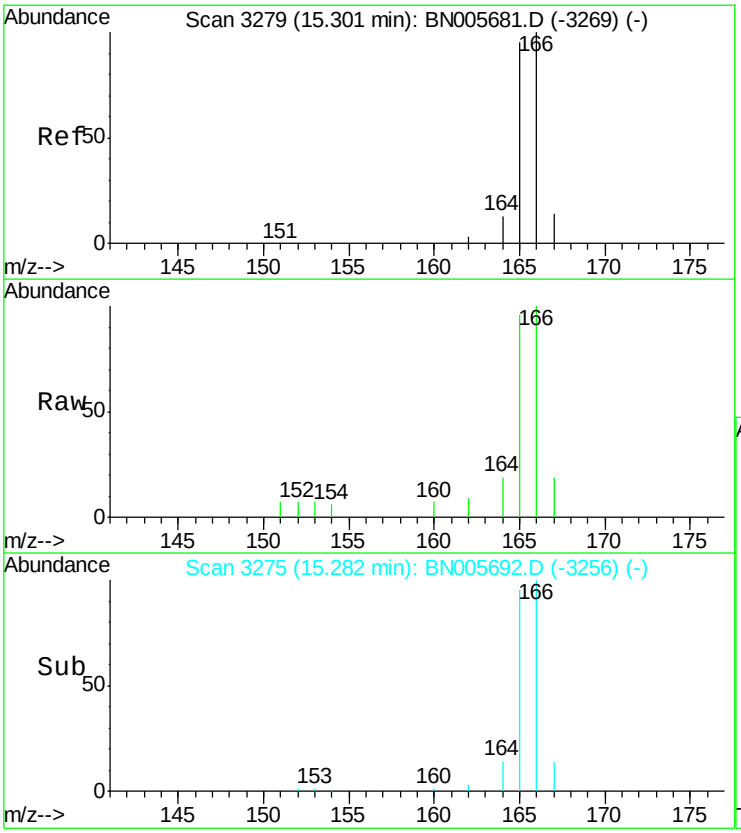
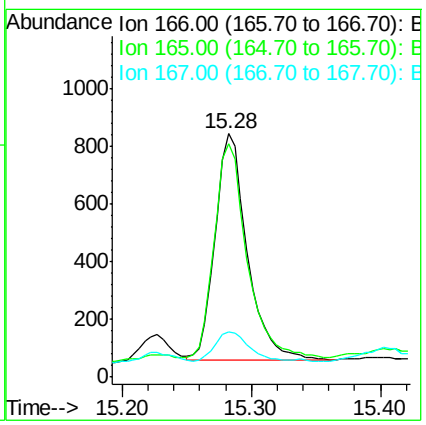


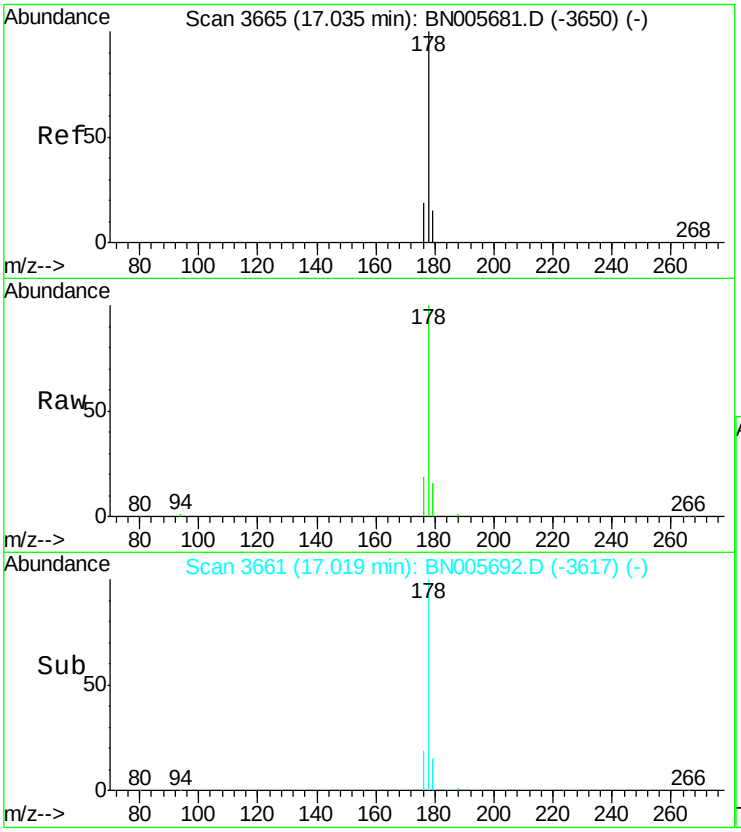


#9
Fluorene
Concen: 0.105 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:166 Resp: 1359

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.0	117.0
167	18.8	12.2	18.4#

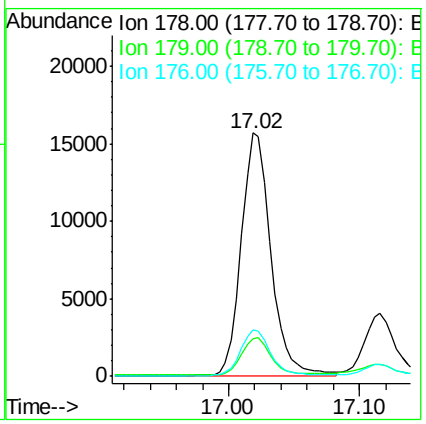




#12
Phenanthrene
Concen: 1.155 ng/ul
RT: 17.02 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:178 Resp: 24445

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.4	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A5179DL

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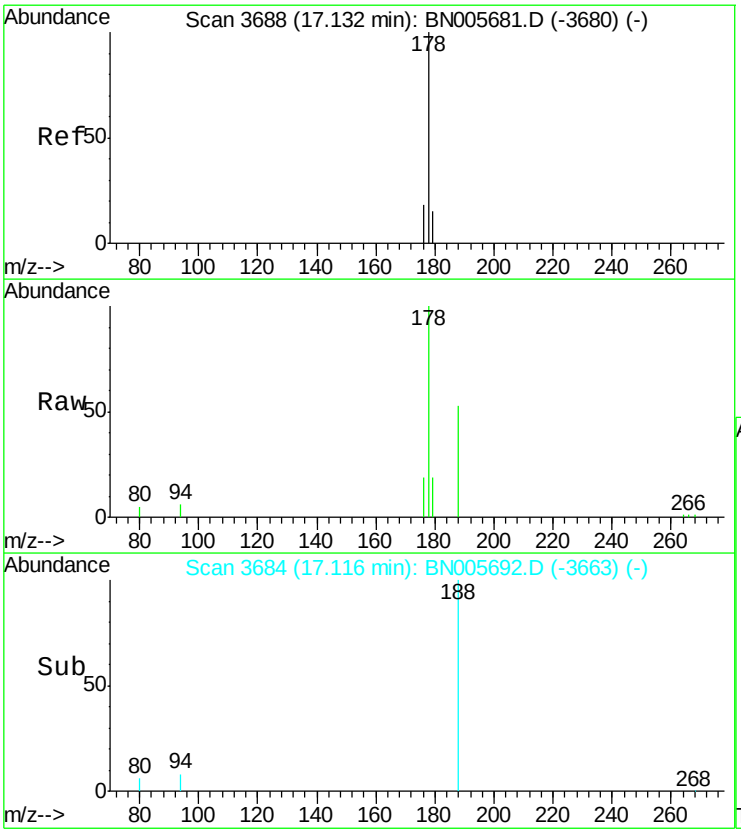
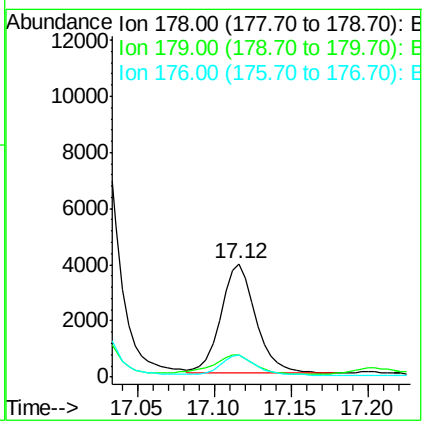
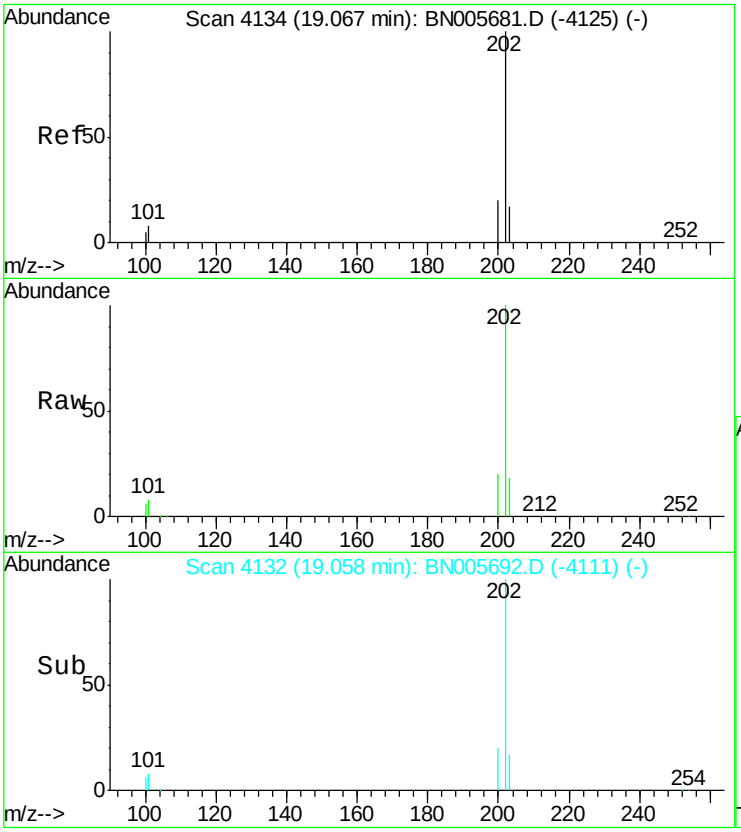


#13
Anthracene
Concen: 0.293 ng/ul
RT: 17.12 min Scan# 3684
Delta R.T. -0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:178 Resp: 6197

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.4	20.2
176	19.3	15.1	22.7

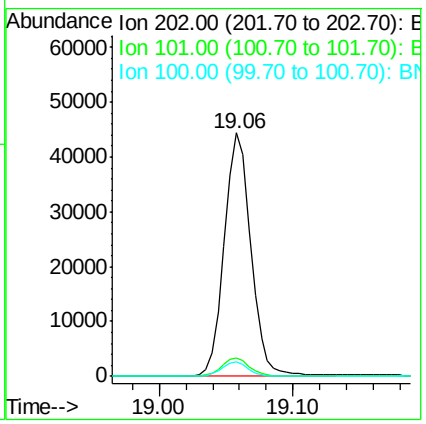




#15
Fluoranthene
Concen: 2.078 ng/ul
RT: 19.06 min Scan# 4132
Delta R.T. -0.00 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:202 Resp: 60886

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.4
100	5.9	0.0	27.1



Instrument :
BNA_N
ClientSampleId :
A5179DL

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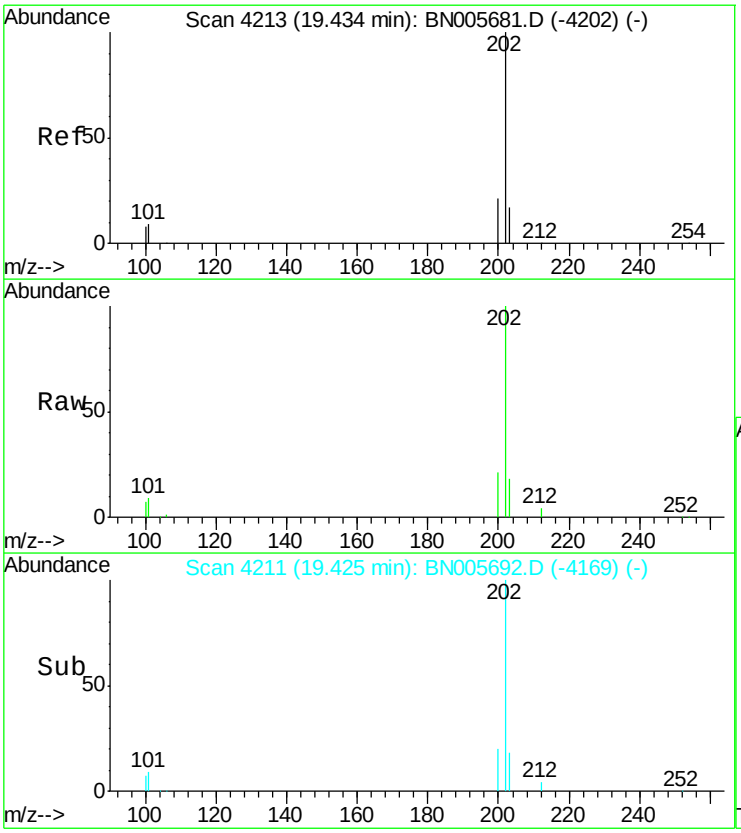
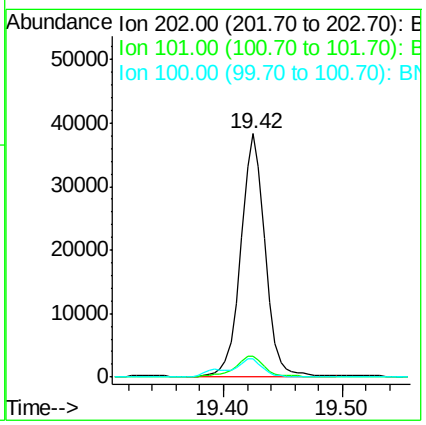
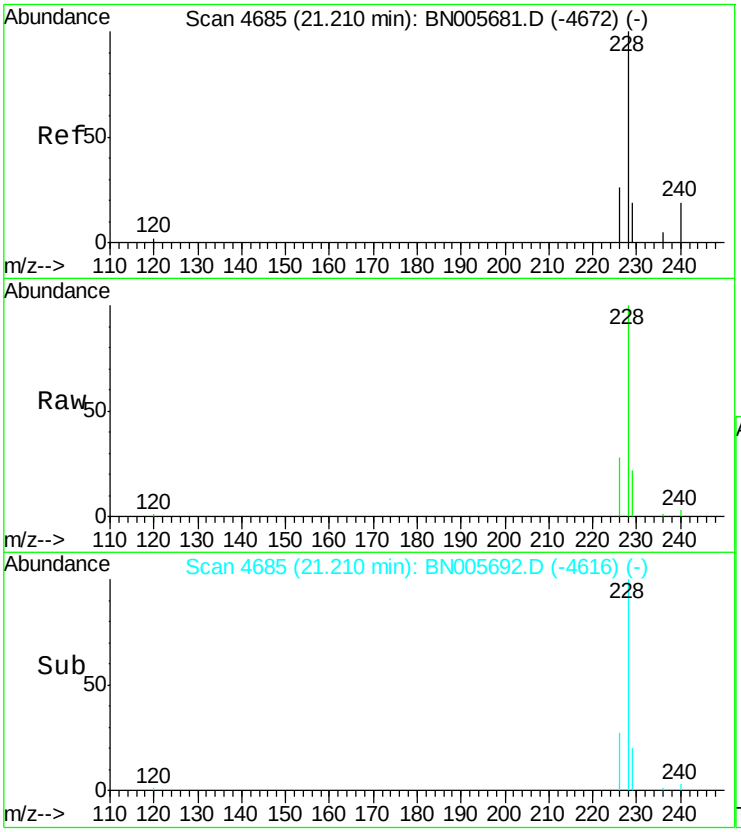


#17
Pyrene
Concen: 1.836 ng/ul
RT: 19.42 min Scan# 4211
Delta R.T. -0.00 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:202 Resp: 53560

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.5	12.7
100	7.3	6.9	10.3

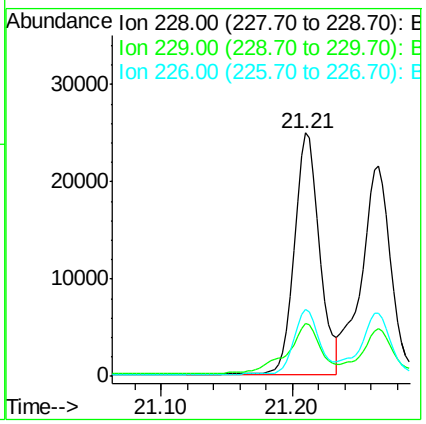




#18
Benzo(a)anthracene
Concen: 1.218 ng/ul
RT: 21.21 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:228 Resp: 33158

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.8
226	27.7	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
A5179DL

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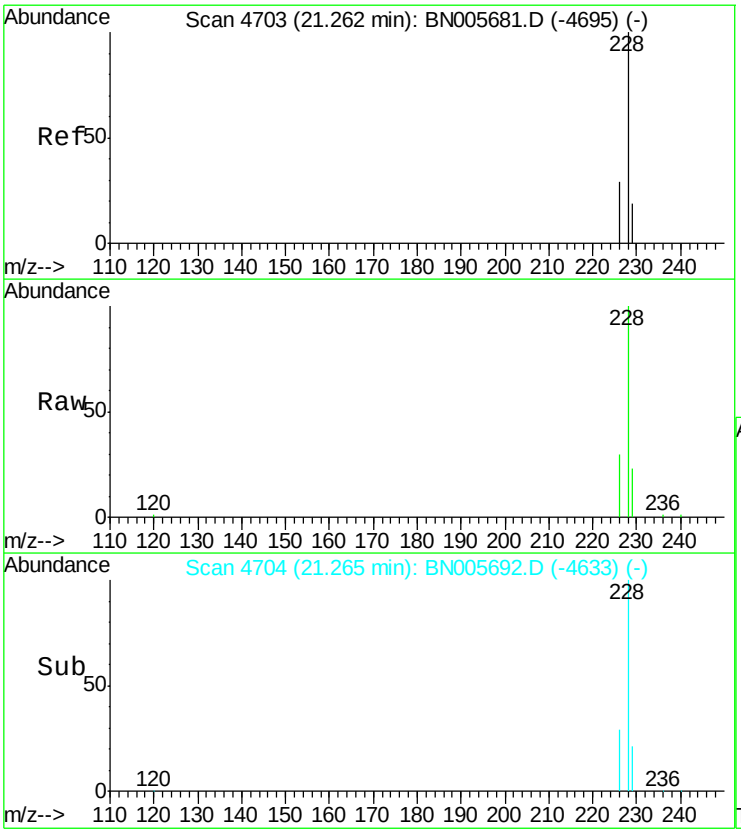
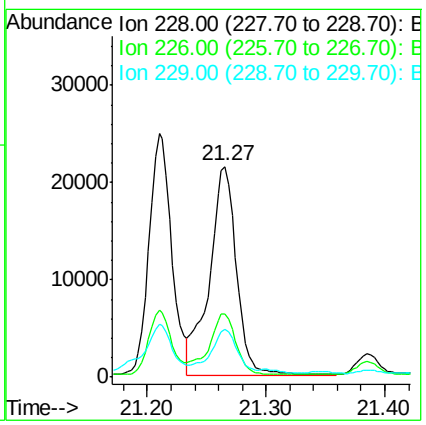
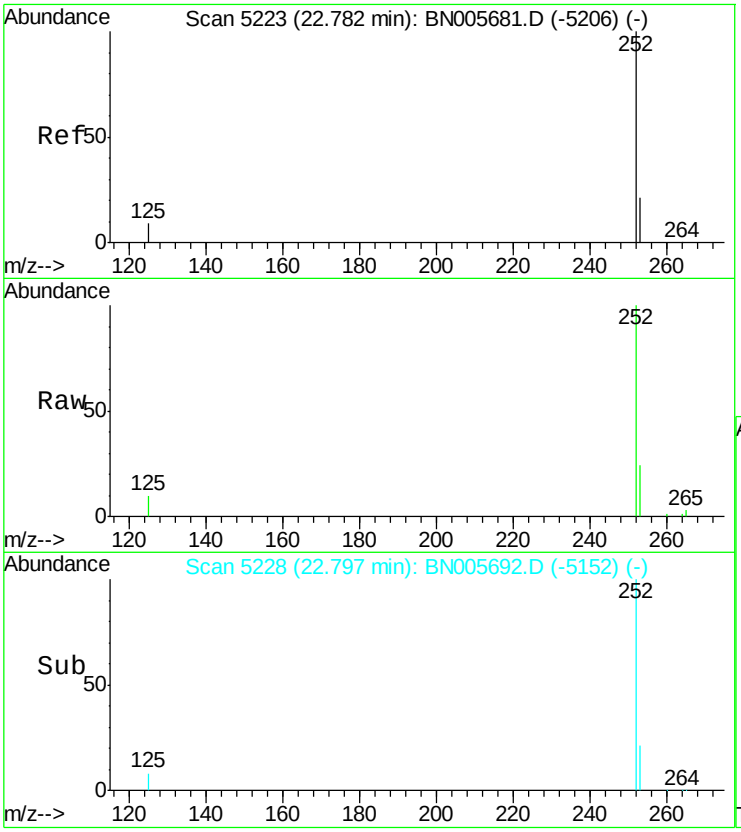


#19
Chrysene
Concen: 1.022 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:228 Resp: 34174

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	22.6	16.0	24.0

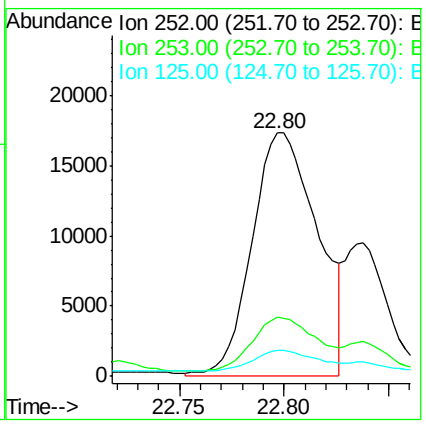




#21
Benzo(b)fluoranthene
Concen: 1.483 ng/ul m
RT: 22.80 min Scan# 5228
Delta R.T. 0.02 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:252 Resp: 37699

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	47.6
125	10.4	0.0	20.8



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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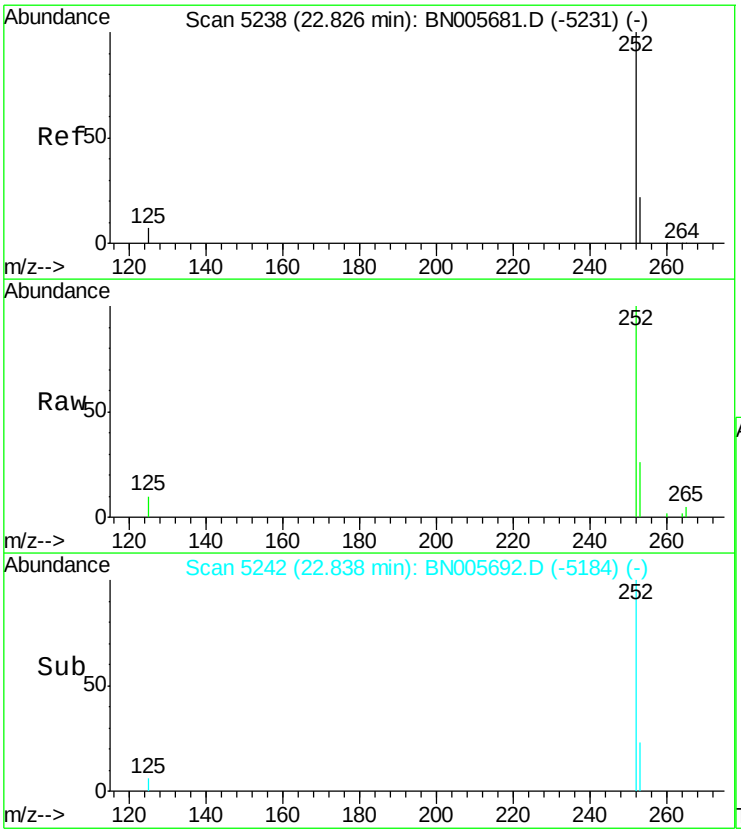
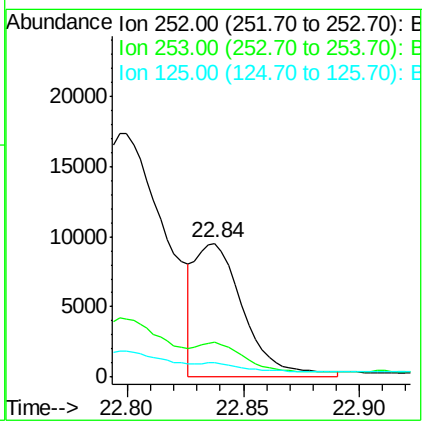
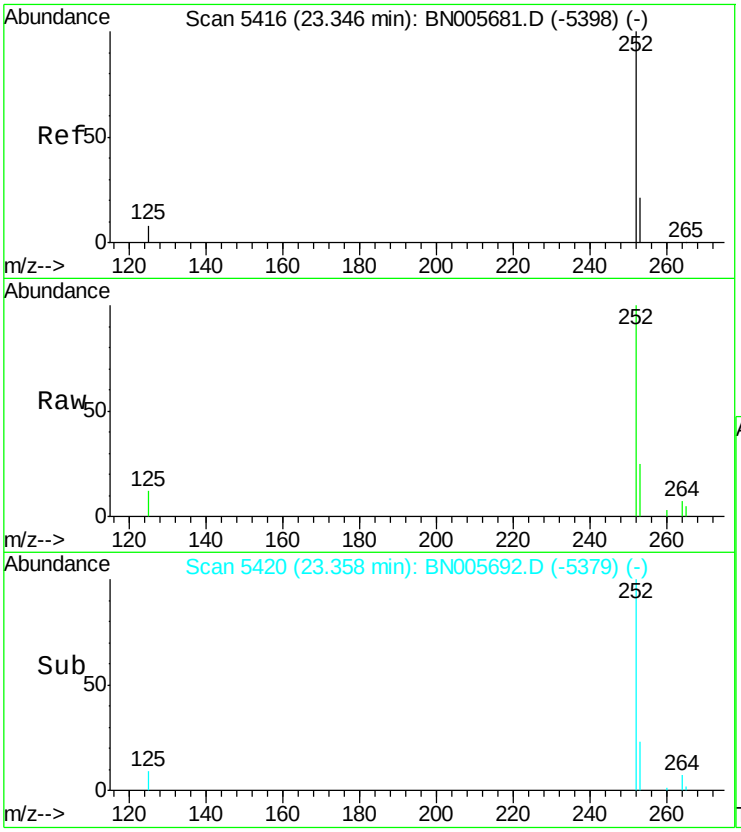


#22
Benzo(k)fluoranthene
Concen: 0.441 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.02 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:252 Resp: 14034

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.8	28.2
125	10.4	7.6	11.4





#23
Benzo(a)pyrene
Concen: 0.823 ng/ul
RT: 23.36 min Scan# 5420
Delta R.T. 0.02 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:252 Resp: 23365

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.6	29.4
125	12.3	10.1	15.1

Instrument :
BNA_N
ClientSampleId :
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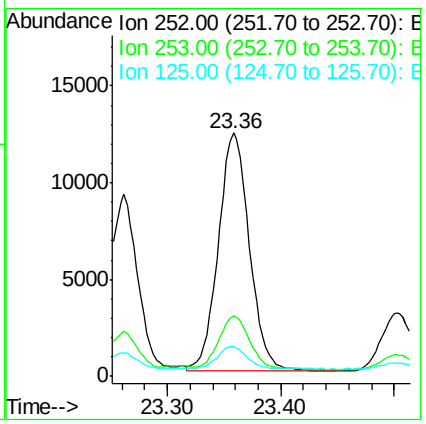
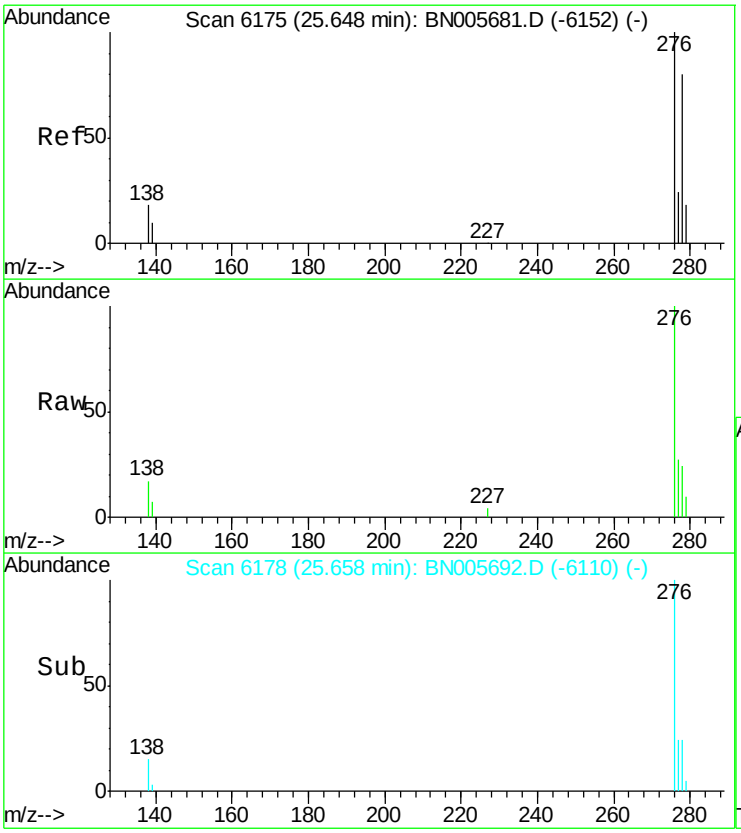
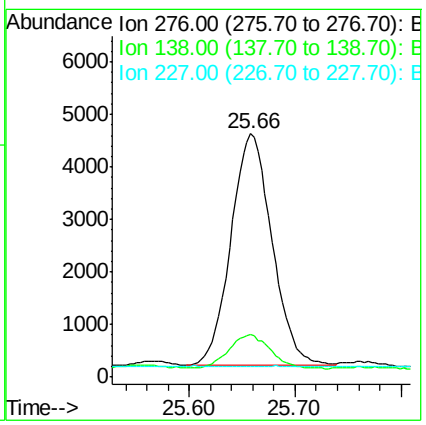


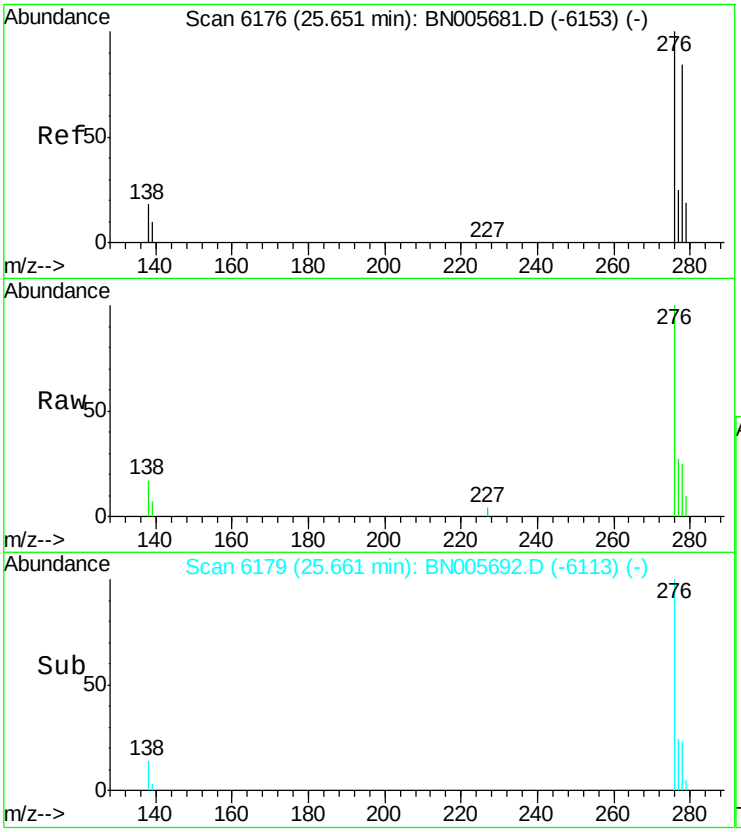


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. 0.03 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:276 Resp: 11852

Ion	Ratio	Lower	Upper
276	100		
138	15.0	15.8	23.8#
227	0.0	0.1	0.1#

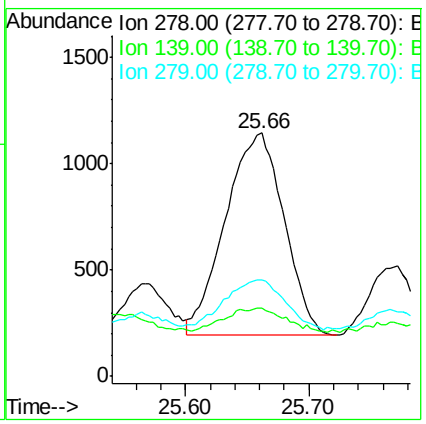




#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.66 min Scan# 6179
Delta R.T. 0.02 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:278 Resp: 3136

Ion	Ratio	Lower	Upper
278	100		
139	28.0	12.4	18.6#
279	39.4	21.0	31.4#



Instrument :
BNA_N
ClientSampleId :
A5179DL

Manual Integrations APPROVED
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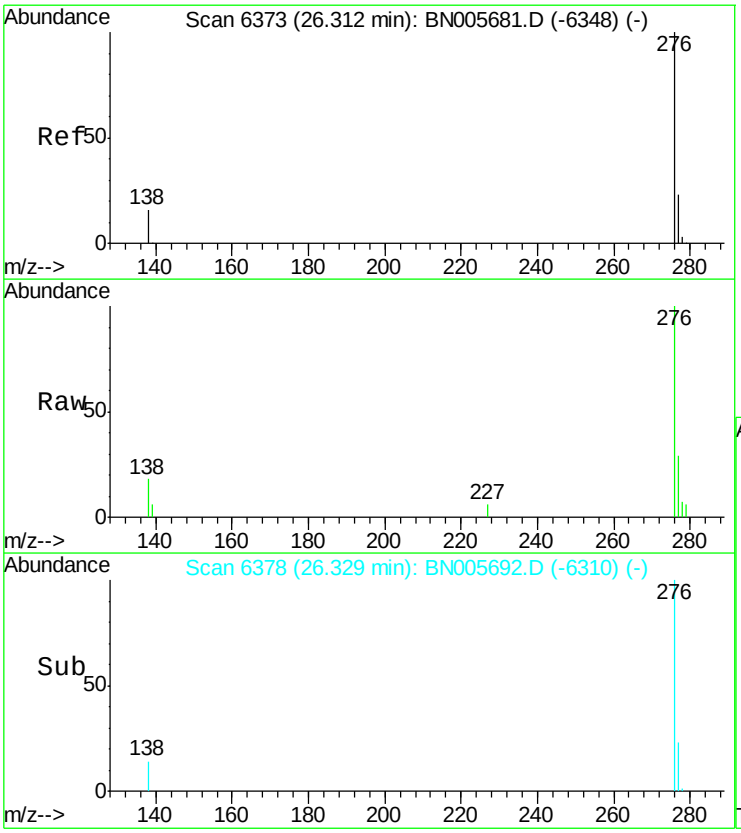

#26
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.33 min Scan# 6378
Delta R.T. 0.03 min
Lab File: BN005692.D
Acq: 14 May 2019 16:59

Tgt Ion:276 Resp: 10378

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.6	23.4
277	29.2	20.6	31.0