Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004043.D
Acq On : 17 Dec 2018 19:35
Operator : JU/SJ
Sample : J6236-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 18 05:42:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : F9F00

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1570	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7993	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12641m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14502m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12760m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2472	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	8106m	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.29	142	453	0.029	ng/ul	98
7) Acenaphthylene	14.19	152	539	0.025	ng/ul#	65
12) Phenanthrene	17.26	178	6750	0.163	ng/ul	96
13) Anthracene	17.35	178	990m	0.029	ng/ul	
15) Fluoranthene	19.27	202	5115m	0.104	ng/ul	
17) Pyrene	19.64	202	8014m	0.154	ng/ul	
18) Benzo(a)anthracene	21.39	228	4341m	0.095	ng/ul	
19) Chrysene	21.44	228	5702m	0.109	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	5823m	0.110	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1777m	0.035	ng/ul	
23) Benzo(a)pyrene	23.62	252	3281m	0.072	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	2574m	0.049	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	1276m	0.030	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	3210m	0.070	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004043.D
Acq On : 17 Dec 2018 19:35
Operator : JU/SJ
Sample : J6236-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 18 05:42:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9F00

Manual Integrations APPROVED
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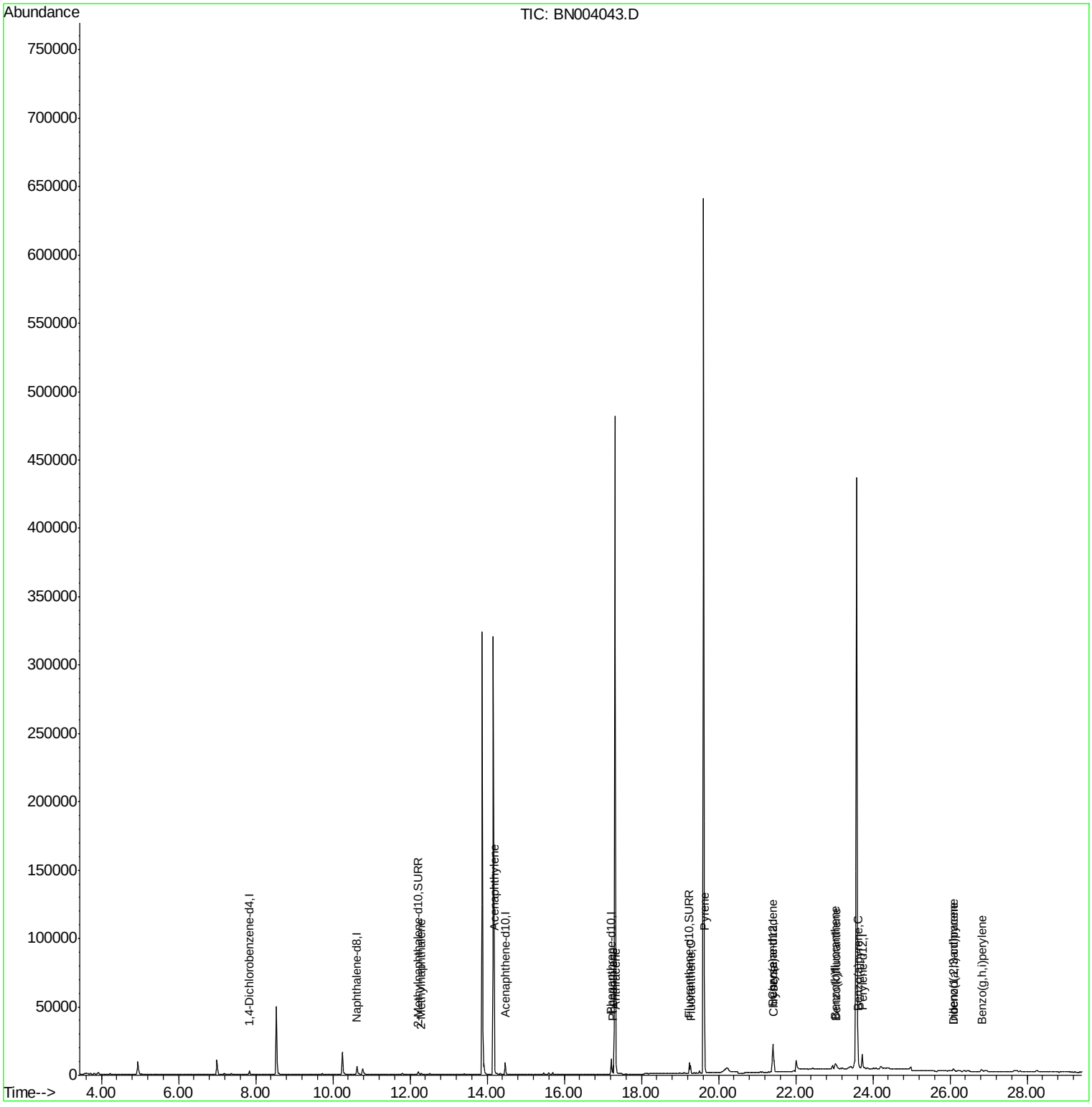

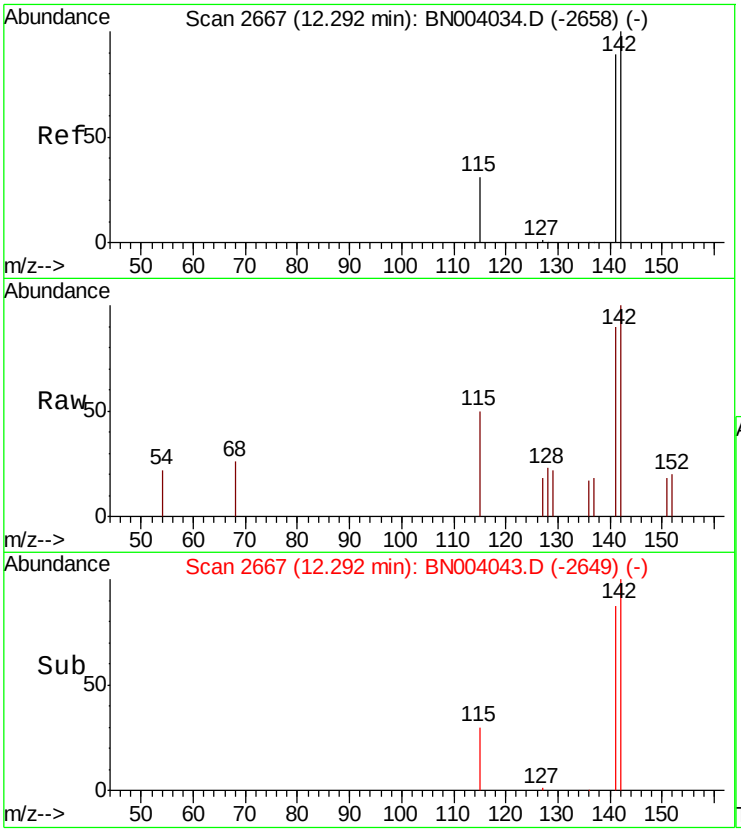

#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:142 Resp: 453

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.5	107.3

Instrument :
BNA_N
ClientSampleId :
F9F00

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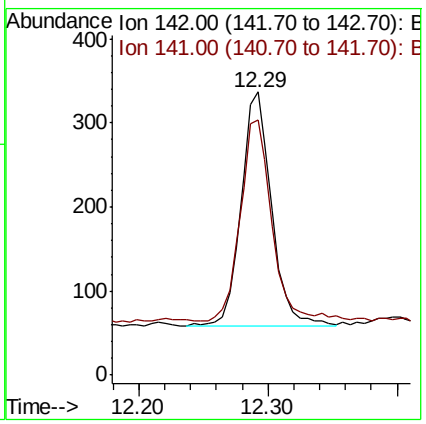
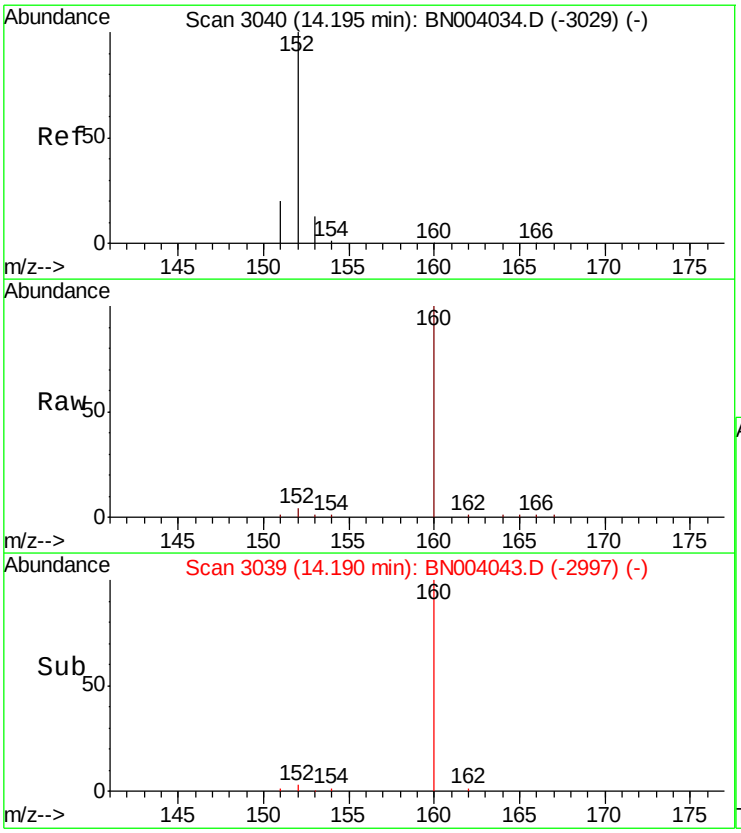
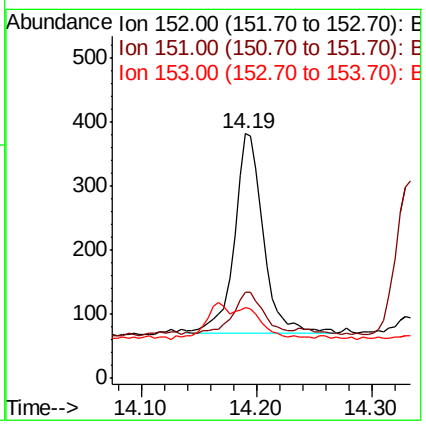


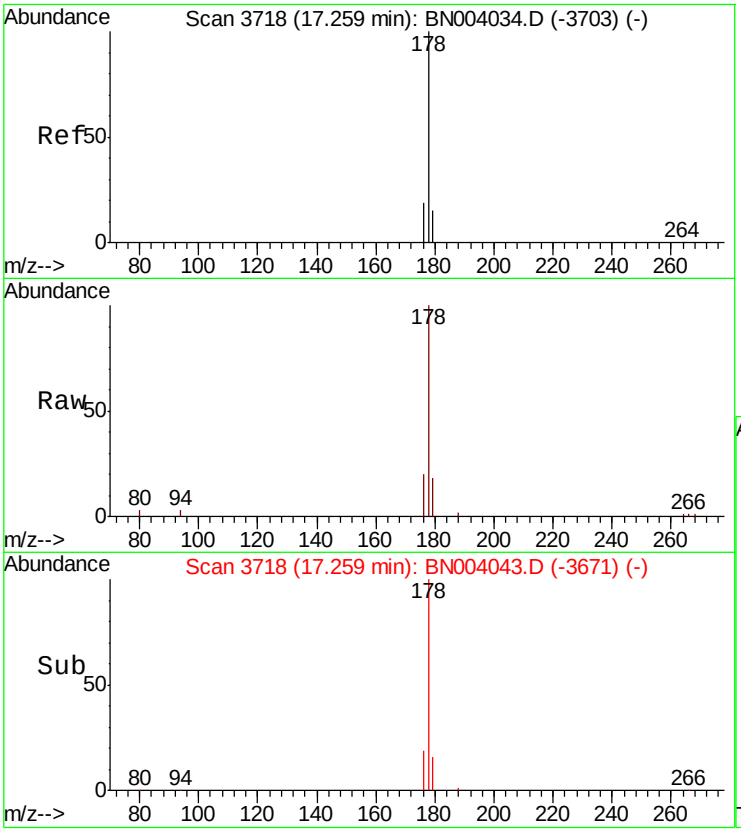


#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.19 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:152 Resp: 539

Ion	Ratio	Lower	Upper
152	100		
151	35.2	15.9	23.9#
153	28.6	10.7	16.1#





#12
Phenanthrene
Concen: 0.163 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:178 Resp: 6750

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.5	18.7
176	20.4	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
F9F00

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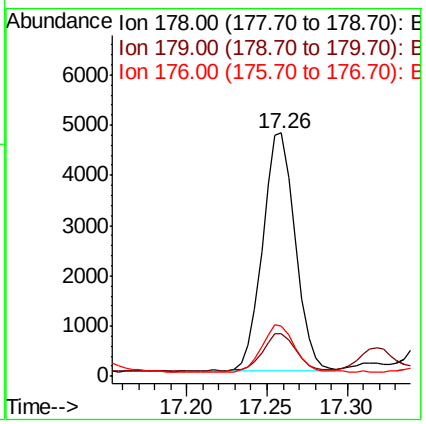
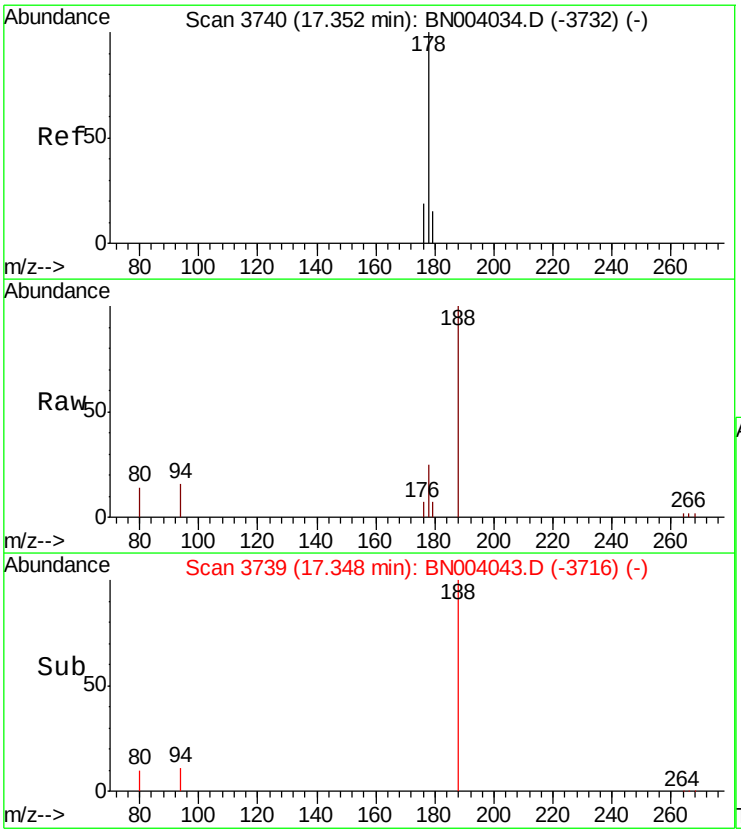
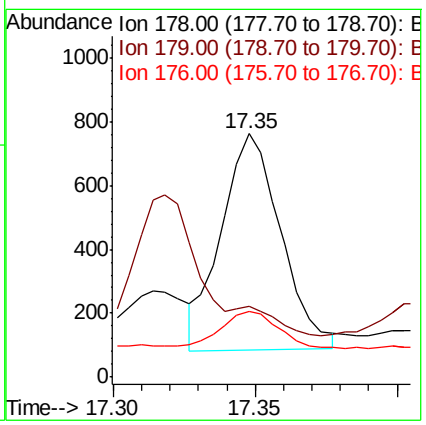


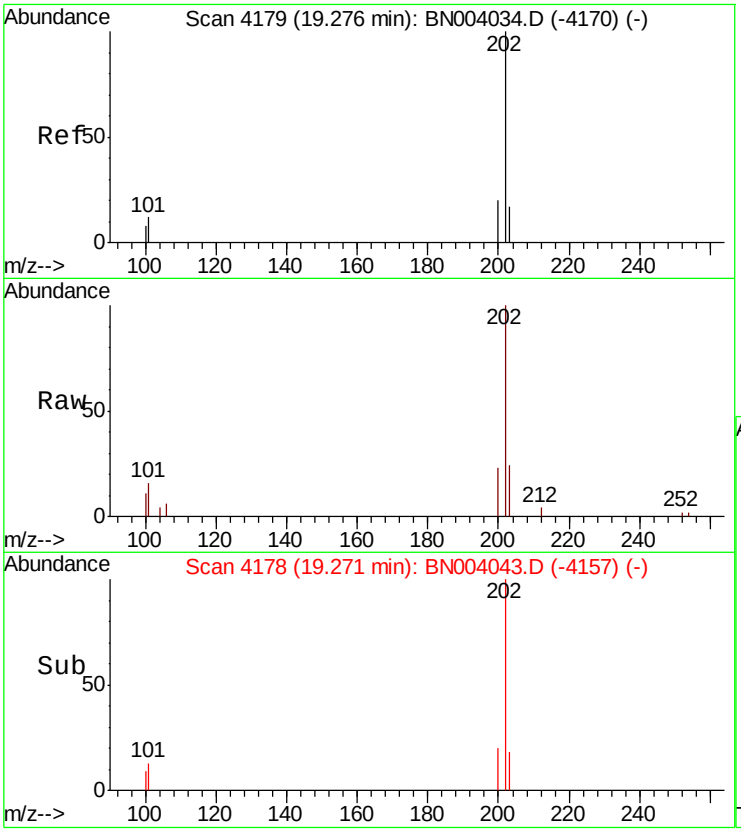


#13
Anthracene
Concen: 0.029 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:178 Resp: 990

Ion	Ratio	Lower	Upper
178	100		
179	29.0	12.3	18.5#
176	26.7	14.8	22.2#





#15
Fluoranthene
Concen: 0.104 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:202 Resp: 5115

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	30.7
100	11.3	0.0	28.1

Instrument :
BNA_N
ClientSampleId :
F9F00

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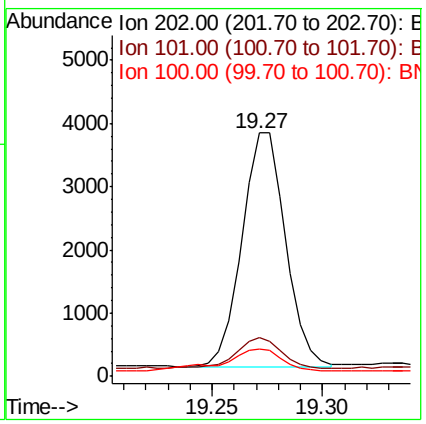
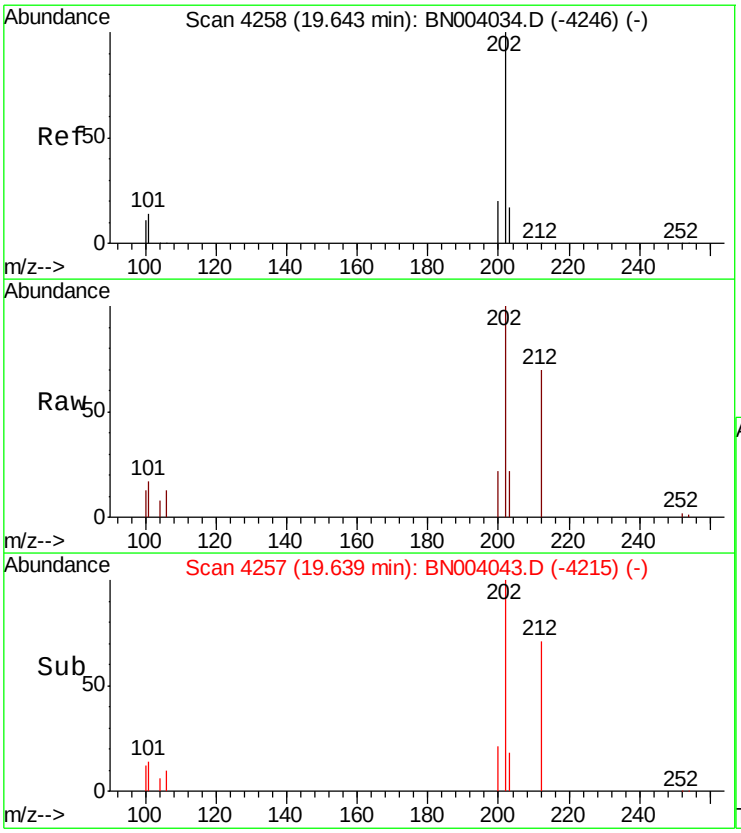
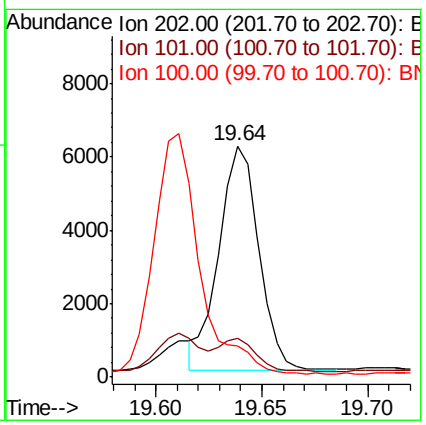


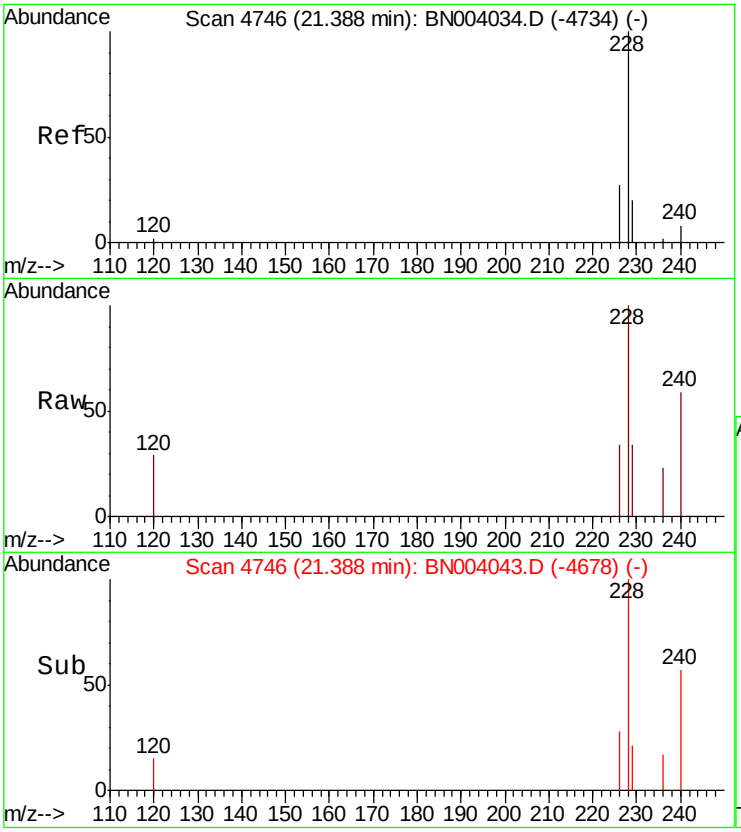


#17
Pyrene
Concen: 0.154 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:202 Resp: 8014

Ion	Ratio	Lower	Upper
202	100		
101	16.8	10.3	15.5#
100	13.4	8.5	12.7#

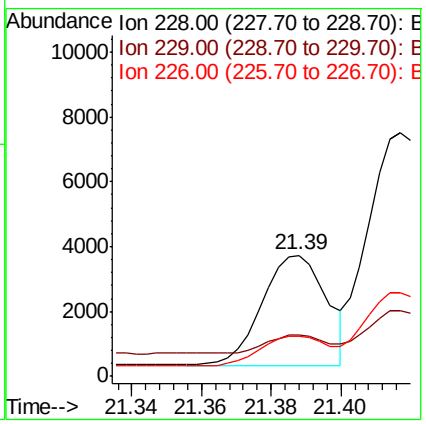




#18
Benzo(a)anthracene
Concen: 0.095 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. 0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:228 Resp: 4341

Ion	Ratio	Lower	Upper
228	100		
229	33.9	15.6	23.4#
226	33.6	21.1	31.7#



Instrument :
BNA_N
ClientSampleId :
F9F00

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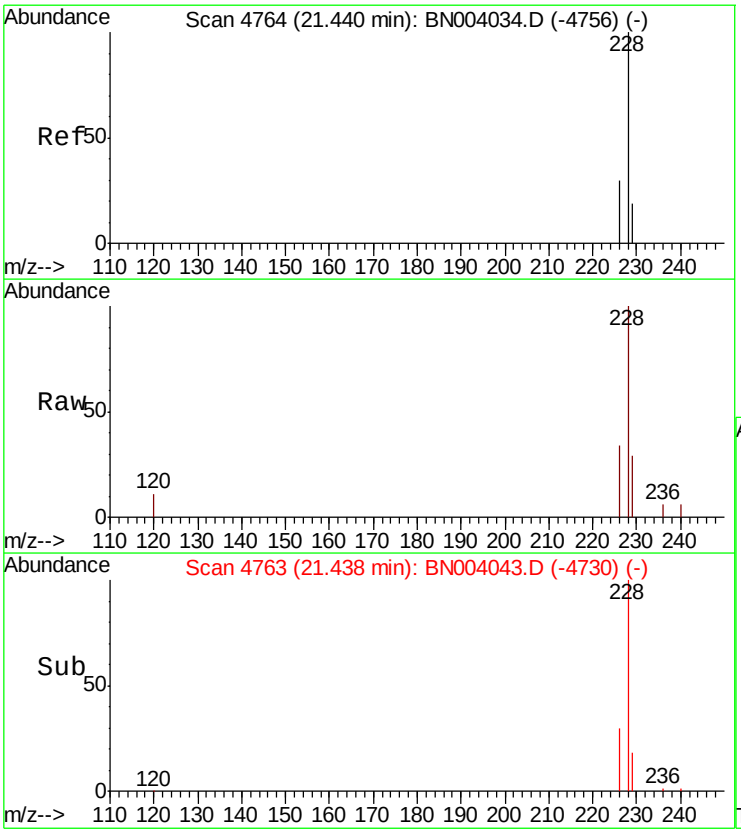
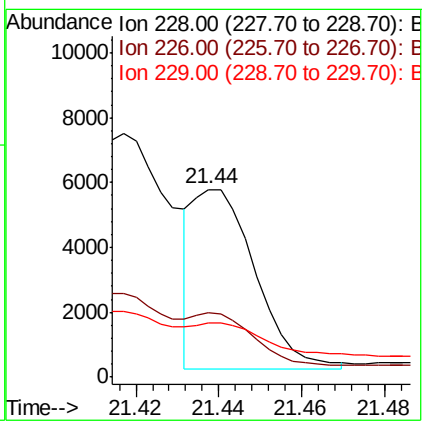
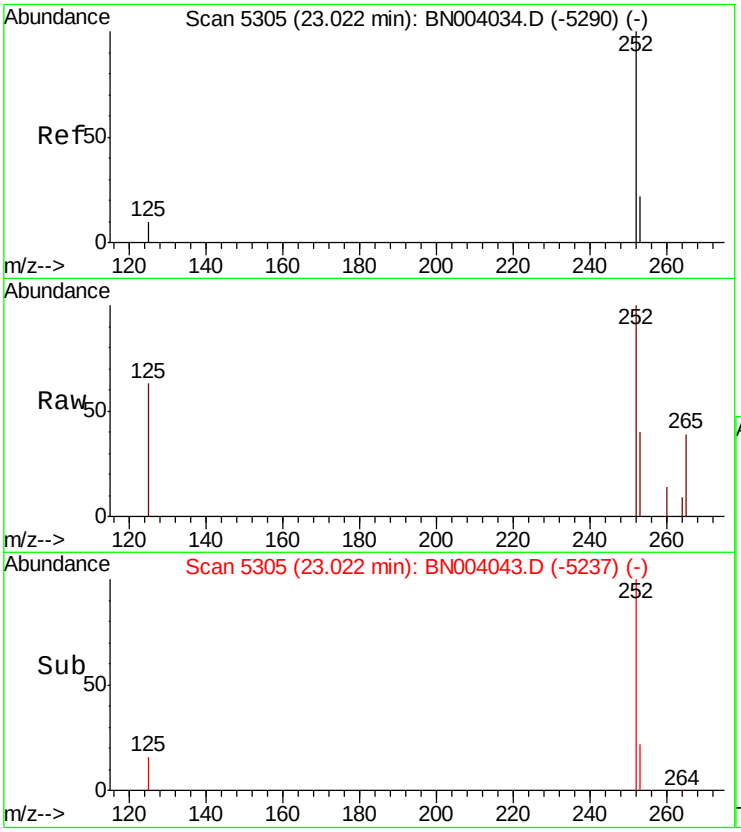


#19
Chrysene
Concen: 0.109 ng/ul m
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:228 Resp: 5702

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.0	36.0
229	29.0	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:252 Resp: 5823

Ion	Ratio	Lower	Upper
252	100		
253	39.8	0.0	46.0
125	63.4	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9F00

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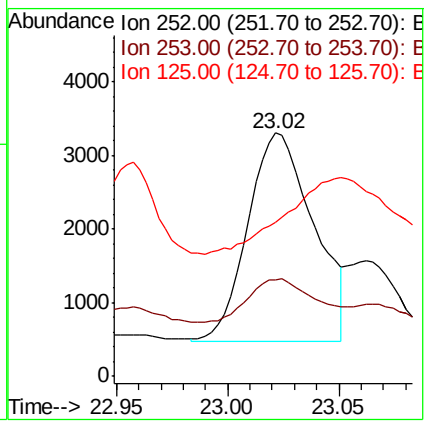
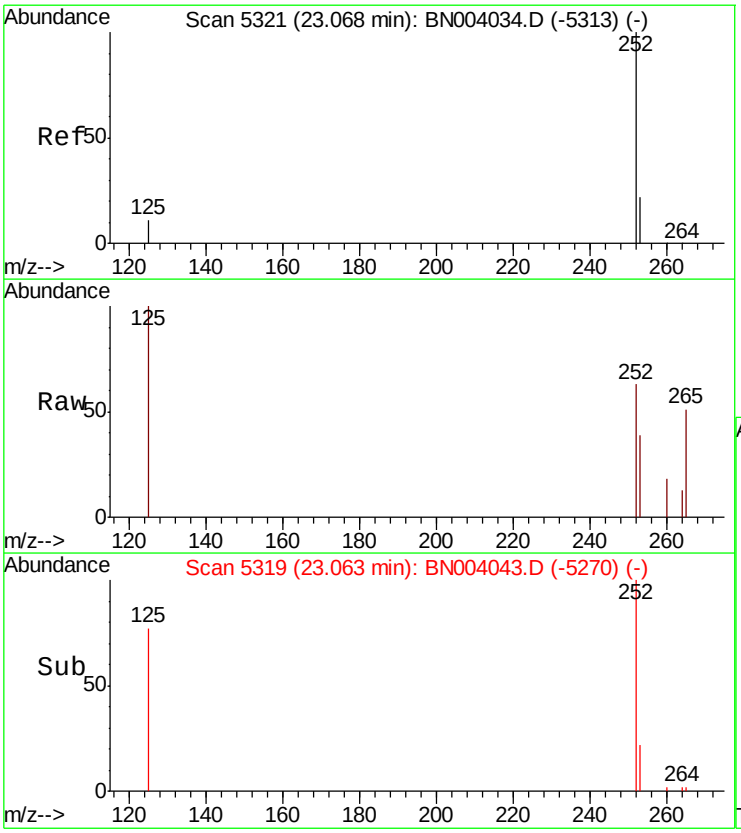
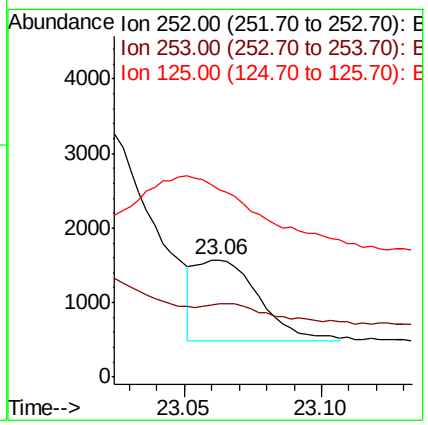


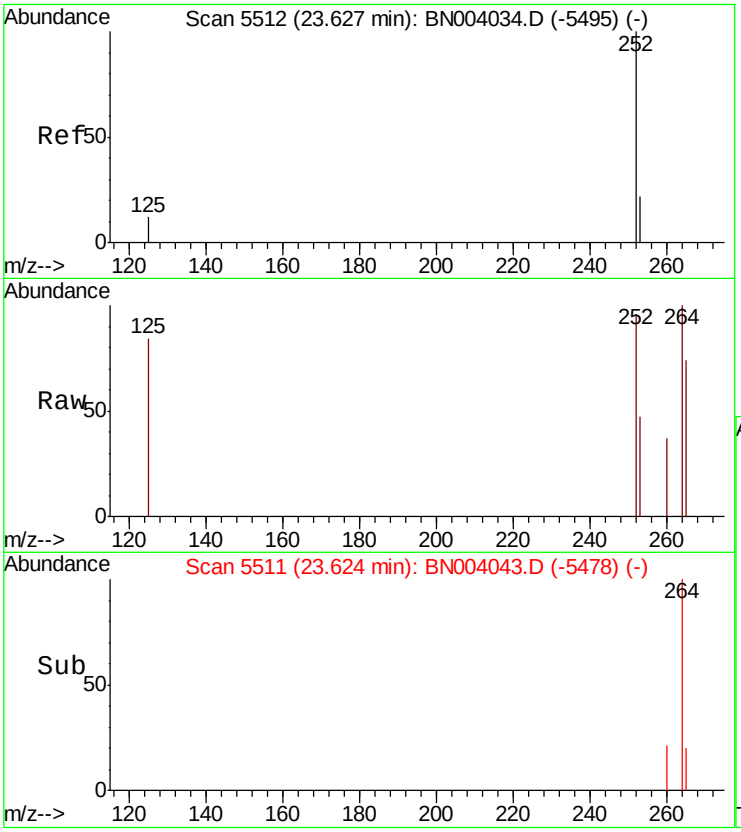


#22
Benzo(k)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:252 Resp: 1777

Ion	Ratio	Lower	Upper
252	100		
253	62.4	18.5	27.7#
125	159.3	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.072 ng/ul m
RT: 23.62 min Scan# 5511
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:252 Resp: 3281

Ion	Ratio	Lower	Upper
252	100		
253	48.6	19.0	28.4#
125	87.8	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9F00

Manual Integrations APPROVED
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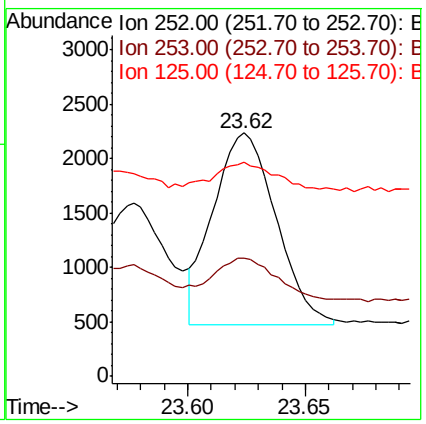
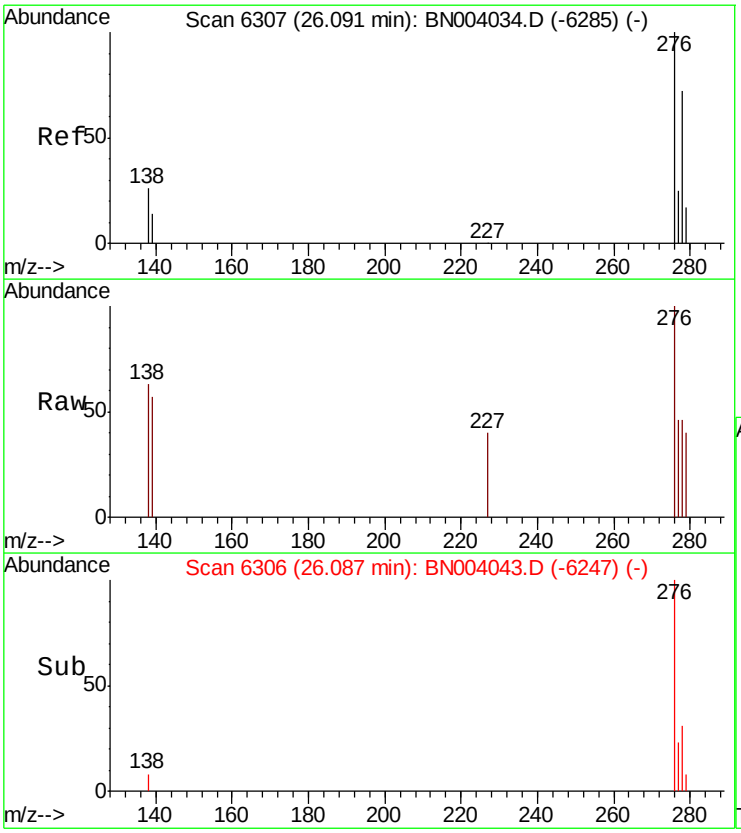
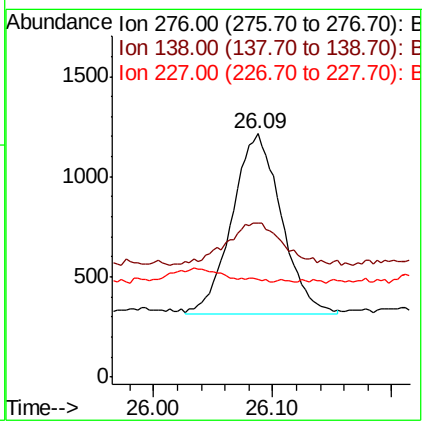


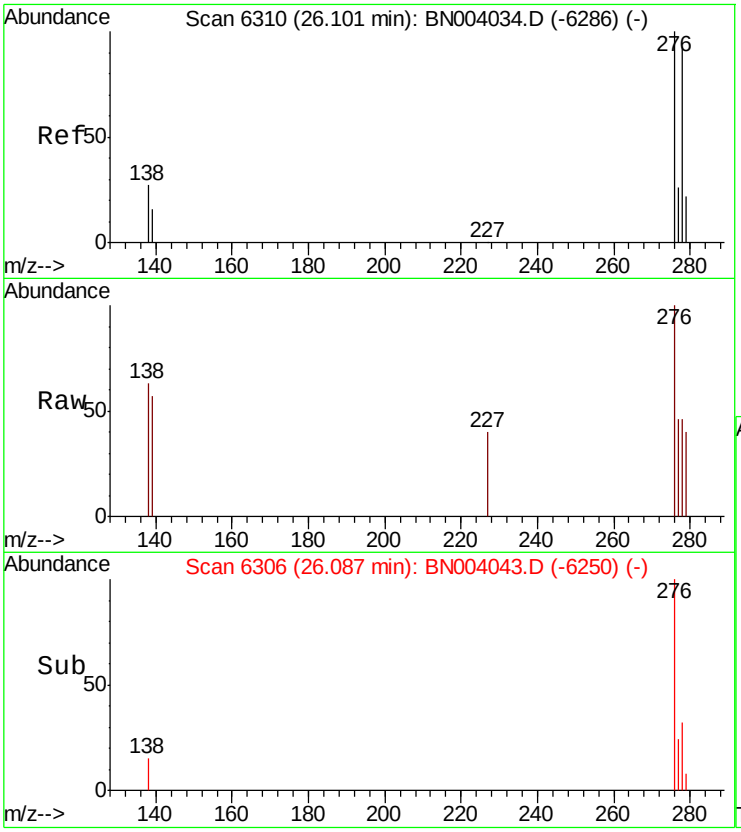


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:276 Resp: 2574

Ion	Ratio	Lower	Upper
276	100		
138	4.2	20.3	30.5#
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:278 Resp: 1276

Ion	Ratio	Lower	Upper
278	100		
139	124.0	14.2	21.4#
279	87.6	19.8	29.6#

Instrument :
BNA_N
ClientSampleId :
F9F00

Manual Integrations APPROVED
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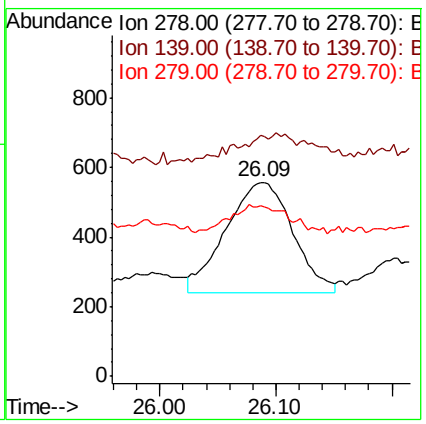

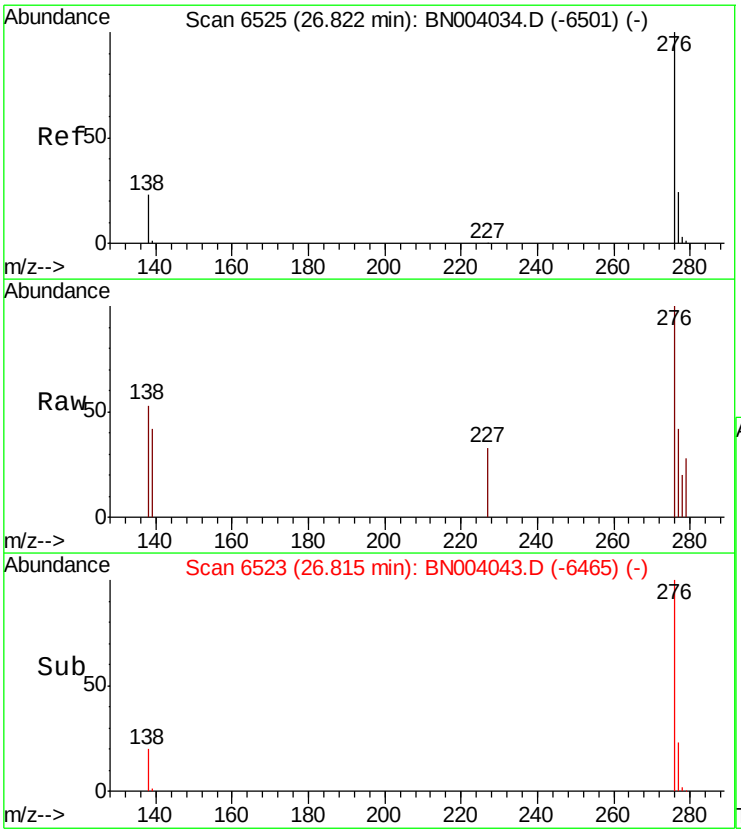

#26
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul m
RT: 26.81 min Scan# 6523
Delta R.T. -0.01 min
Lab File: BN004043.D
Acq: 17 Dec 2018 19:35

Tgt Ion:276 Resp: 3210

Ion	Ratio	Lower	Upper
276	100		
138	53.0	17.7	26.5#
277	42.3	19.3	28.9#