Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (QT Reviewed)

Data File : BN004035.D
Acq On : 17 Dec 2018 14:52
Operator : JU/SJ
Sample : J6228-15DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

Quant Time: Dec 18 04:43:02 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1296	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4098	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10430	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12237	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	11675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	628	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2101	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1009	0.054	ng/ul#	78
5) 2-Methylnaphthalene	12.29	142	2932	0.223	ng/ul	98
7) Acenaphthylene	14.19	152	4272	0.232	ng/ul	95
12) Phenanthrene	17.26	178	12442	0.363	ng/ul	98
13) Anthracene	17.35	178	5652	0.201	ng/ul	96
15) Fluoranthene	19.28	202	17200	0.425	ng/ul	96
17) Pyrene	19.64	202	27517	0.627	ng/ul	95
18) Benzo(a)anthracene	21.39	228	13890	0.359	ng/ul#	93
19) Chrysene	21.44	228	17559	0.397	ng/ul#	94
21) Benzo(b)fluoranthene	23.02	252	20107m	0.416	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	5753m	0.122	ng/ul	
23) Benzo(a)pyrene	23.63	252	12154	0.291	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.09	276	9538	0.199	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	2936	0.076	ng/ul#	44
26) Benzo(g,h,i)perylene	26.82	276	8836	0.212	ng/ul#	88

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

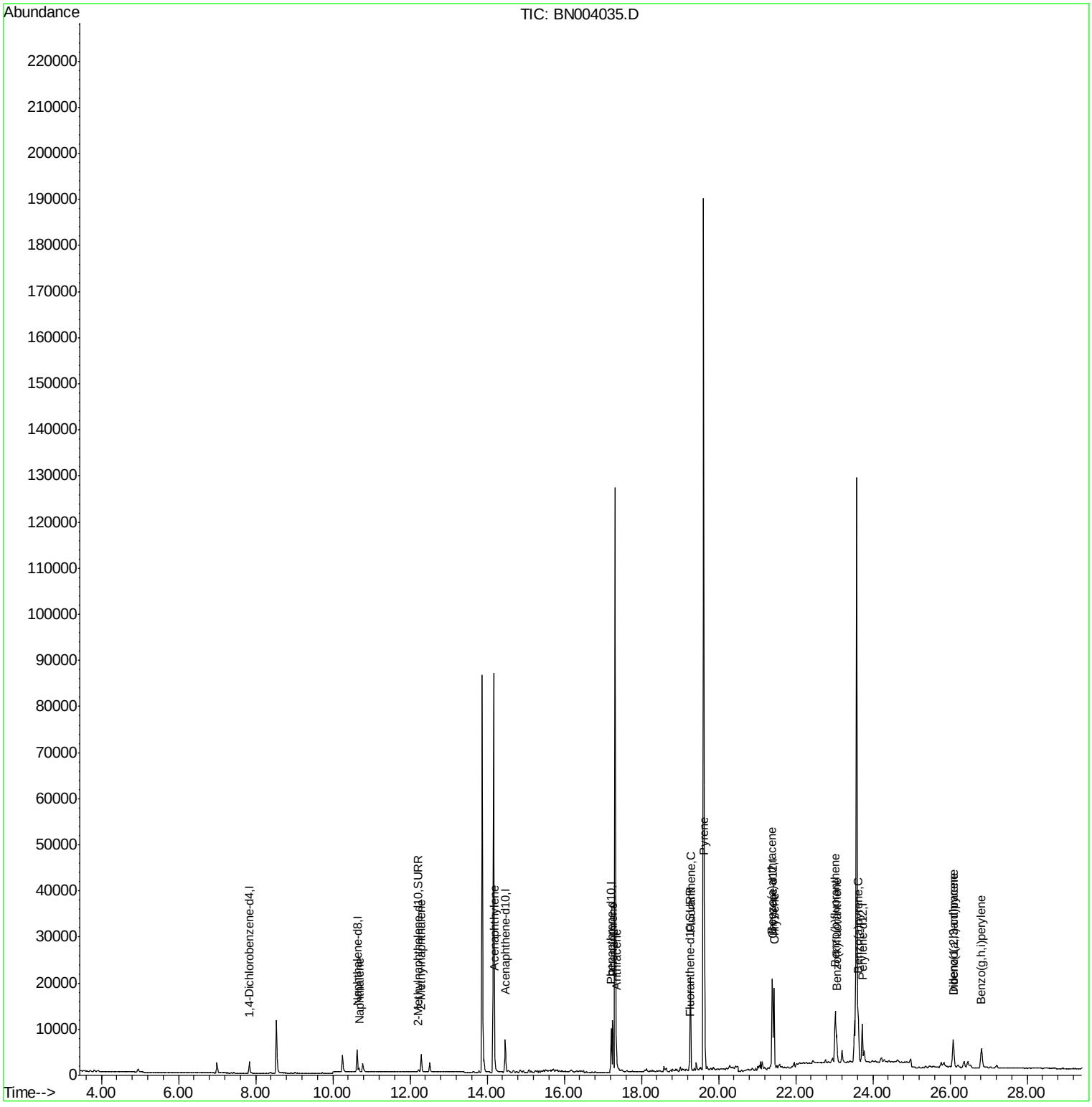
Quantitation Report (QT Reviewed)

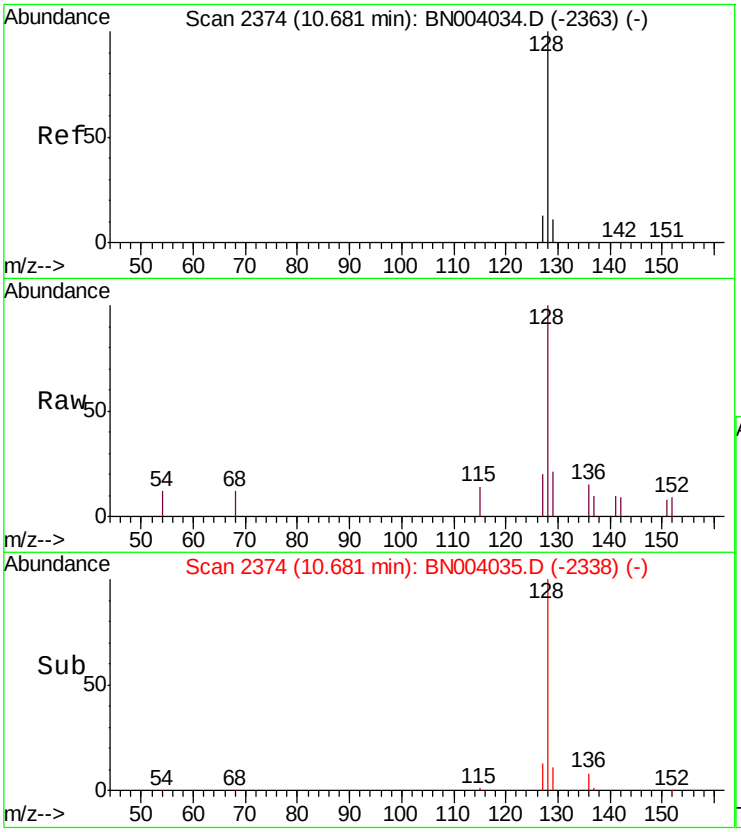
Data File : BN004035.D
Acq On : 17 Dec 2018 14:52
Operator : JU/SJ
Sample : J6228-15DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 18 04:43:02 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 :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM





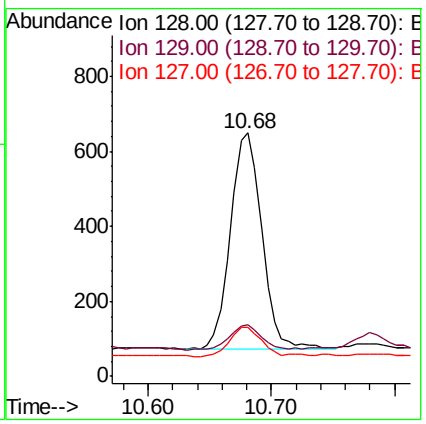
#3
Naphthalene
Concen: 0.054 ng/ul
RT: 10.68 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

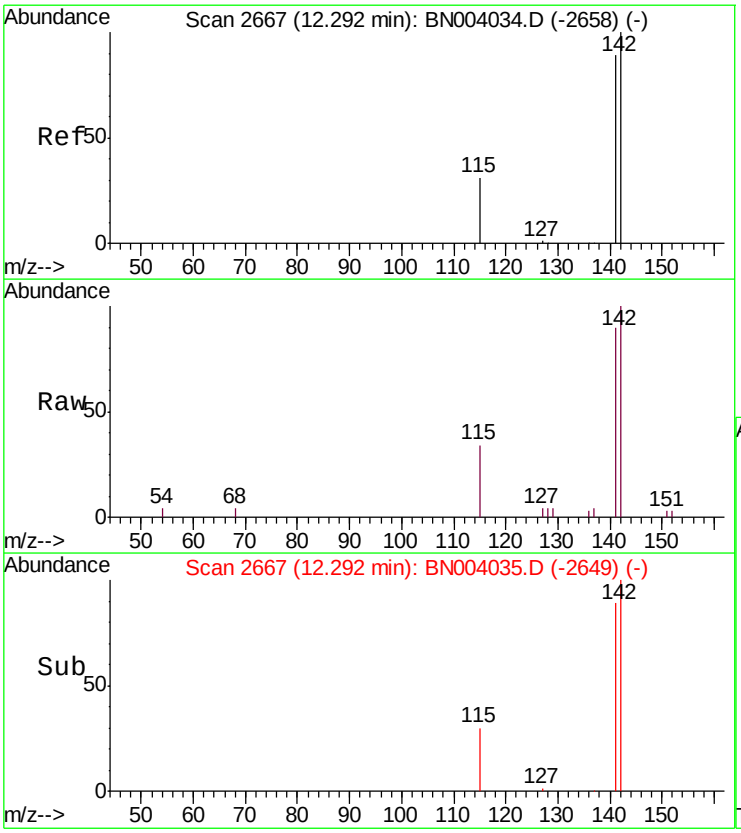
Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

Tgt Ion:128 Resp: 1009

Ion	Ratio	Lower	Upper
128	100		
129	21.4	9.0	13.6#
127	20.3	10.5	15.7#

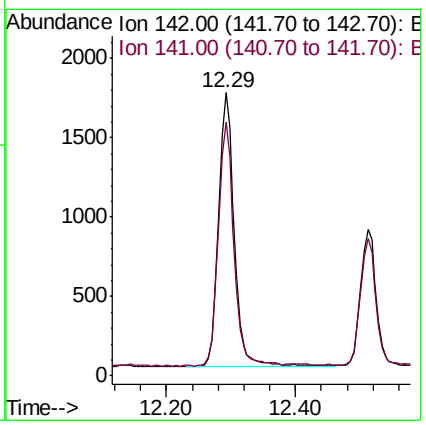


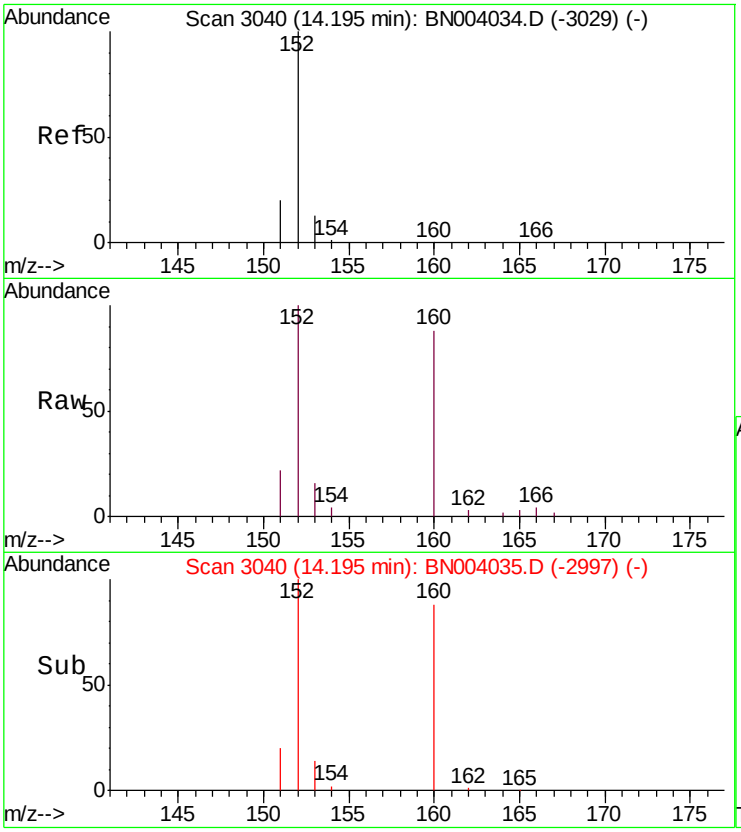


#5
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:142 Resp: 2932

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.5	107.3

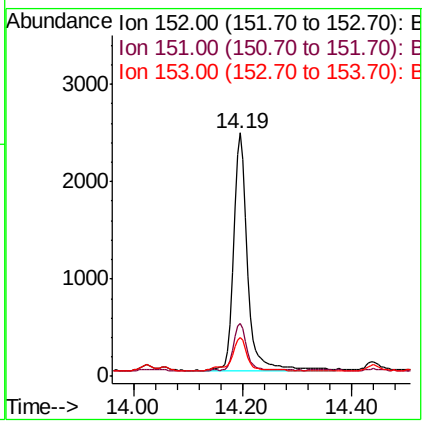




#7
Acenaphthylene
Concen: 0.232 ng/ul
RT: 14.19 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

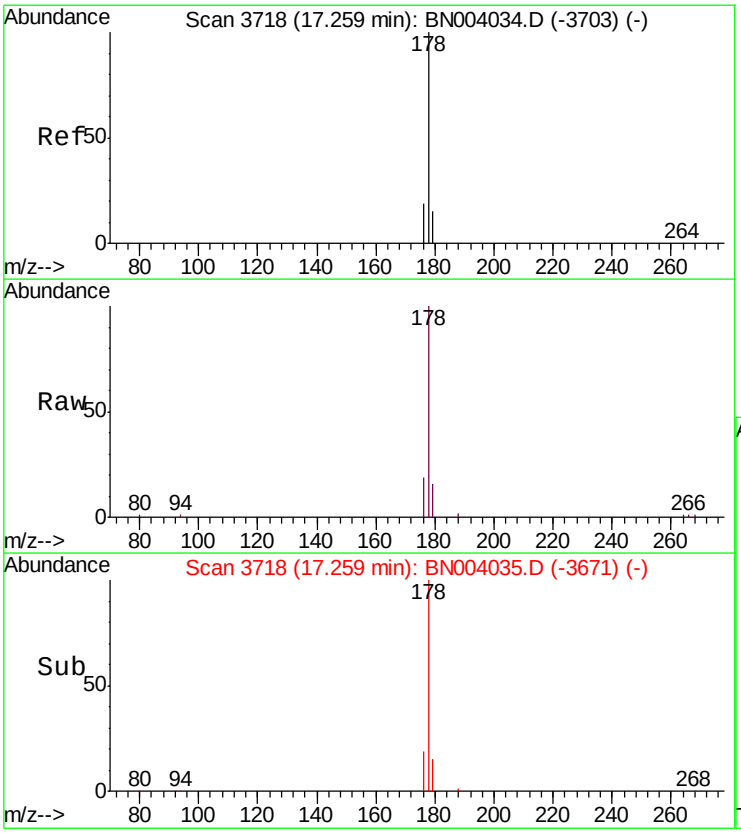
Tgt Ion:152 Resp: 4272

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.9	23.9
153	16.0	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F9E50DL

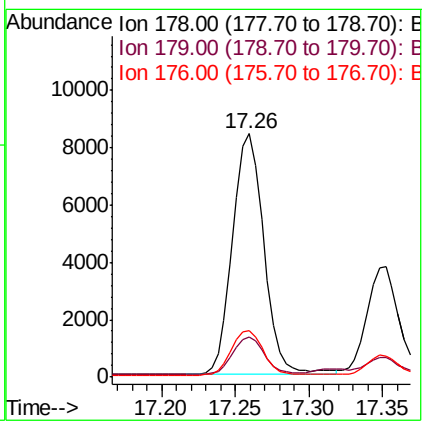
Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

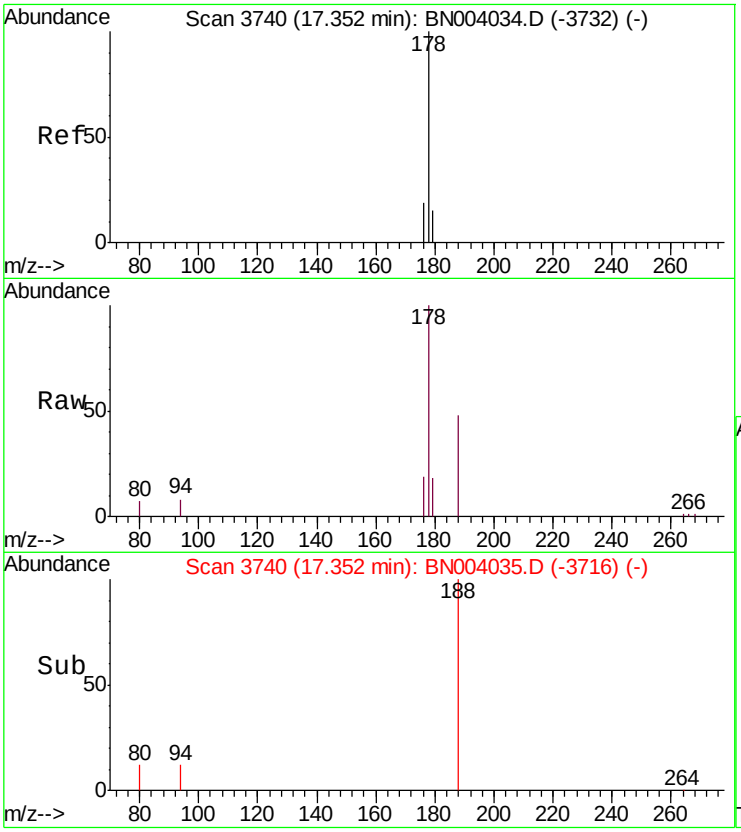


#12
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:178 Resp: 12442

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.5	18.7
176	19.3	15.0	22.4

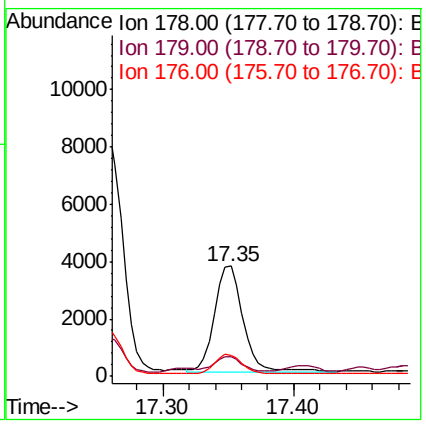




#13
Anthracene
Concen: 0.201 ng/ul
RT: 17.35 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

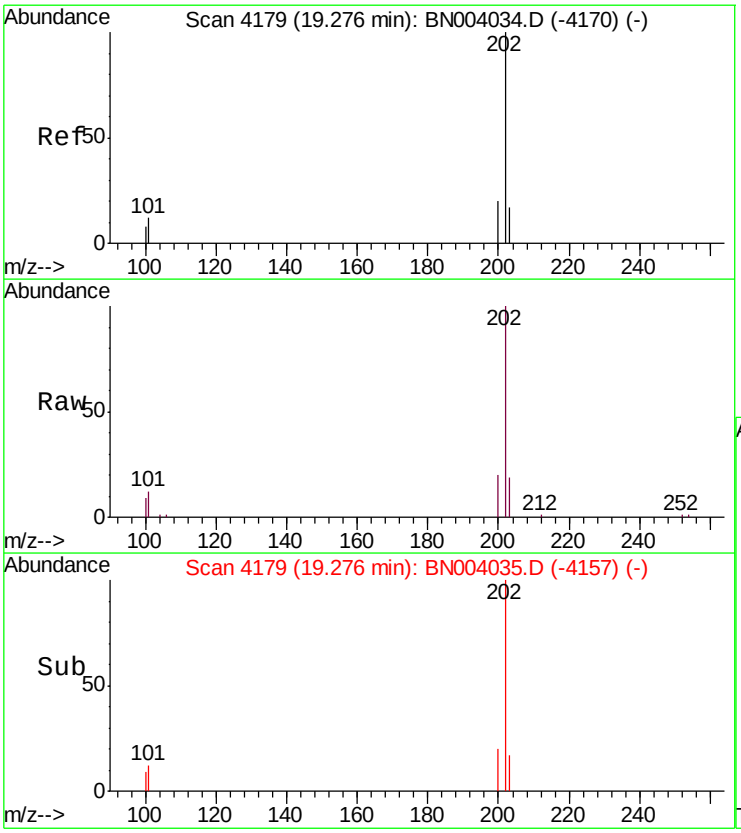
Tgt Ion:178 Resp: 5652

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	19.3	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
F9E50DL

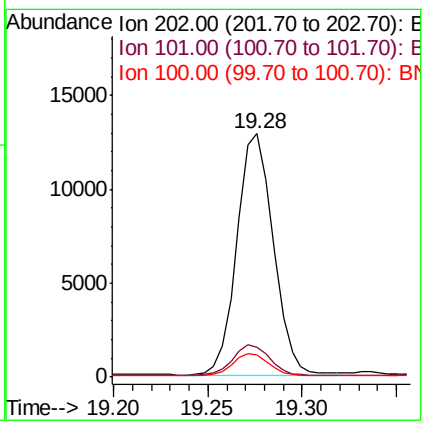
Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

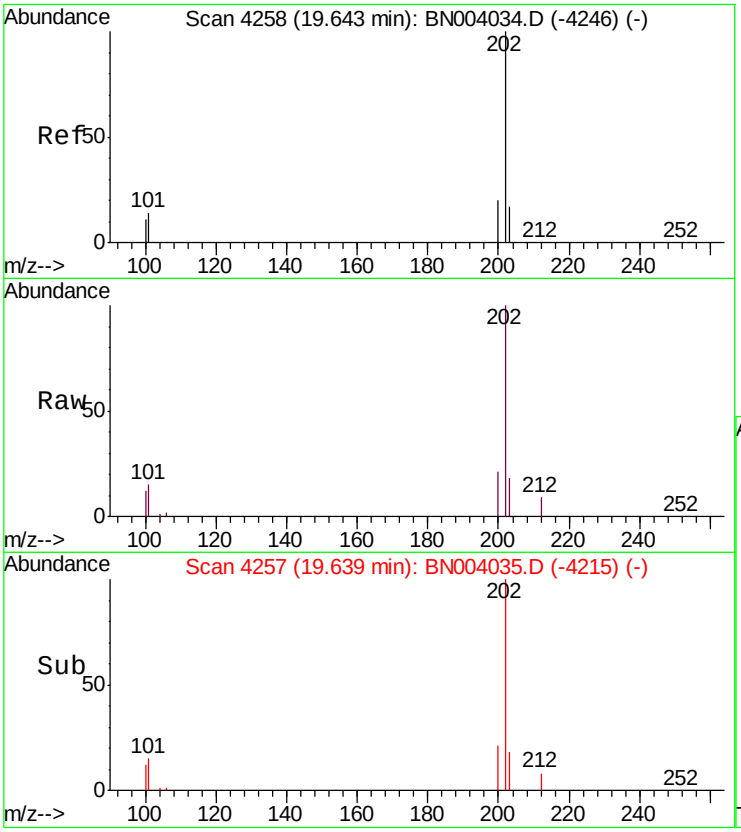


#15
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:202 Resp: 17200

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
100	9.3	0.0	28.1





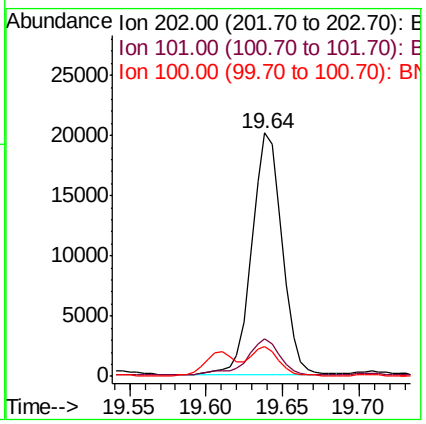
#17
Pyrene
Concen: 0.627 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

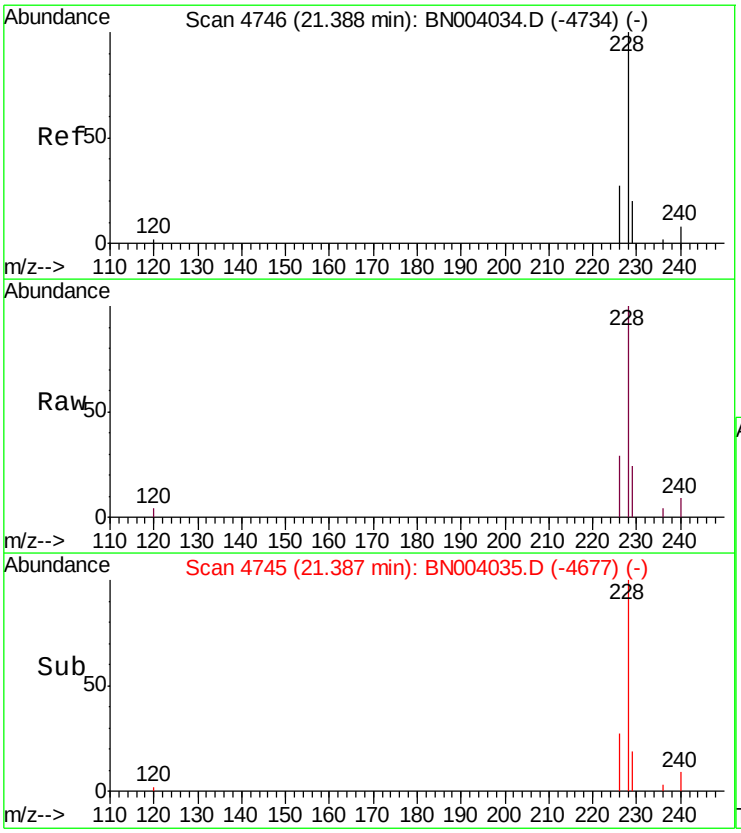
Tgt Ion:202 Resp: 27517

Ion	Ratio	Lower	Upper
202	100		
101	15.5	10.3	15.5
100	12.1	8.5	12.7

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

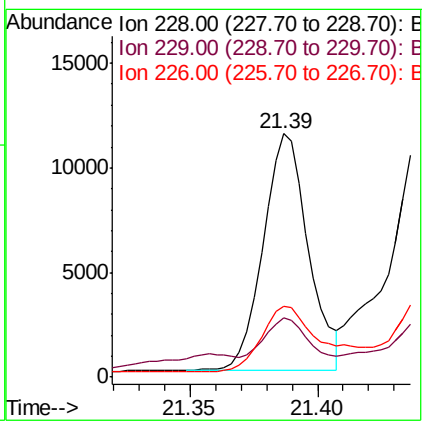


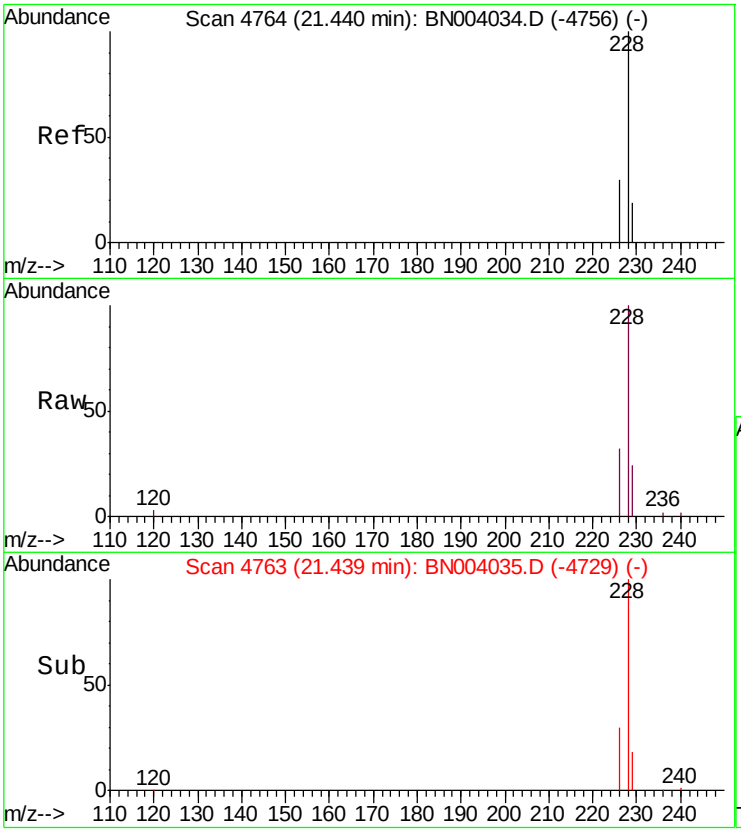


#18
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:228 Resp: 13890

Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.6	23.4#
226	29.0	21.1	31.7





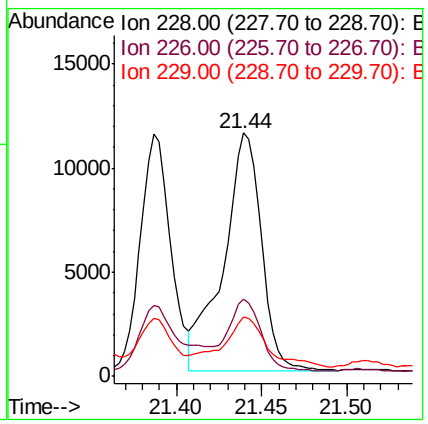
#19
Chrysene
Concen: 0.397 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

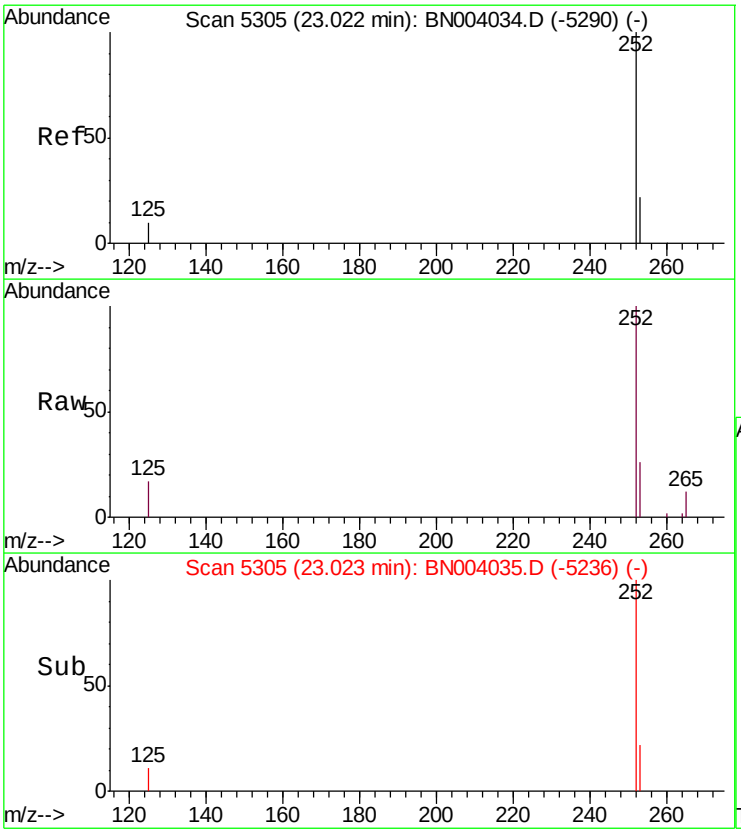
Tgt Ion:228 Resp: 17559

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	24.1	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

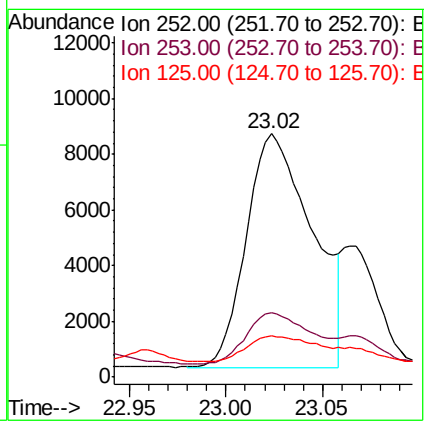


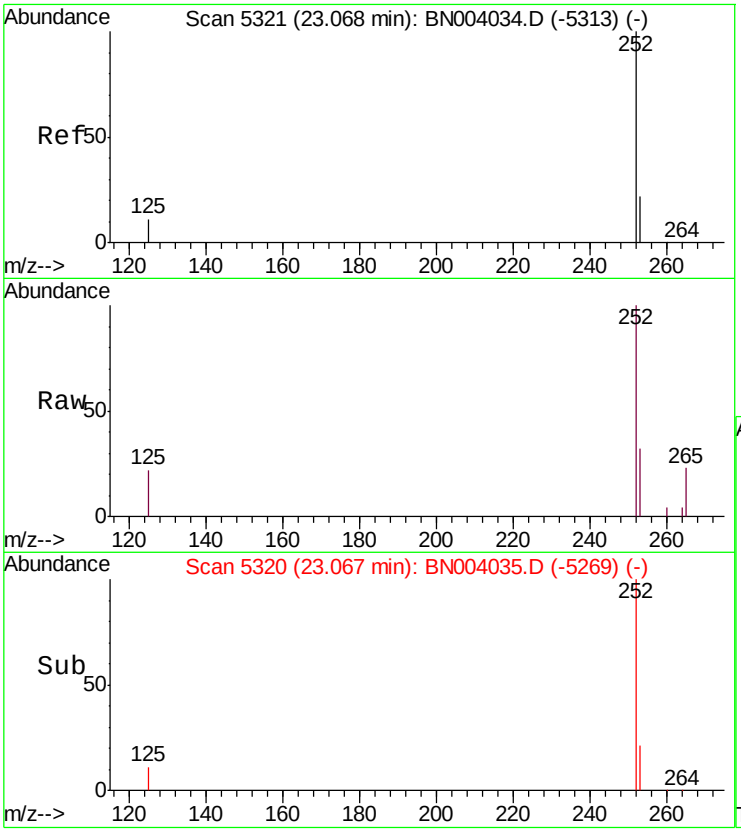


#21
Benzo(b)fluoranthene
Concen: 0.416 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:252 Resp: 20107

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	46.0
125	16.9	0.0	22.4





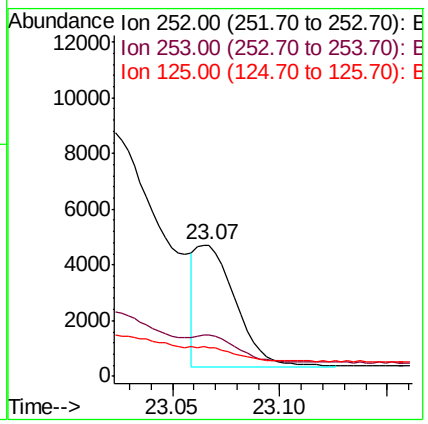
#22
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 23.07 min Scan# 5320
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

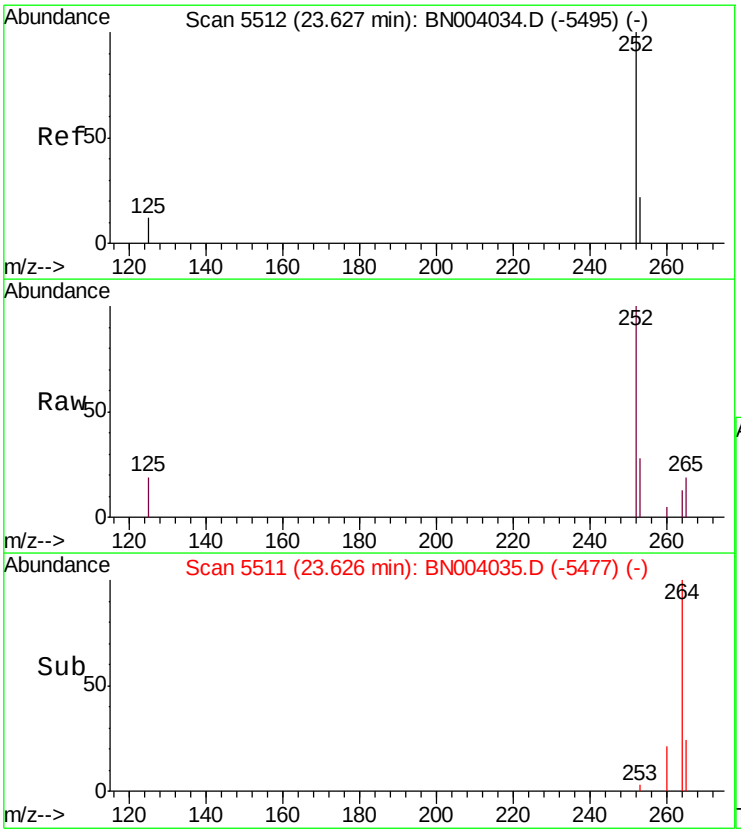
Tgt Ion:252 Resp: 5753

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.5	27.7#
125	22.0	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

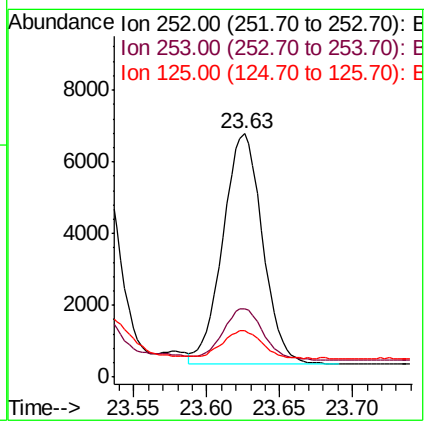


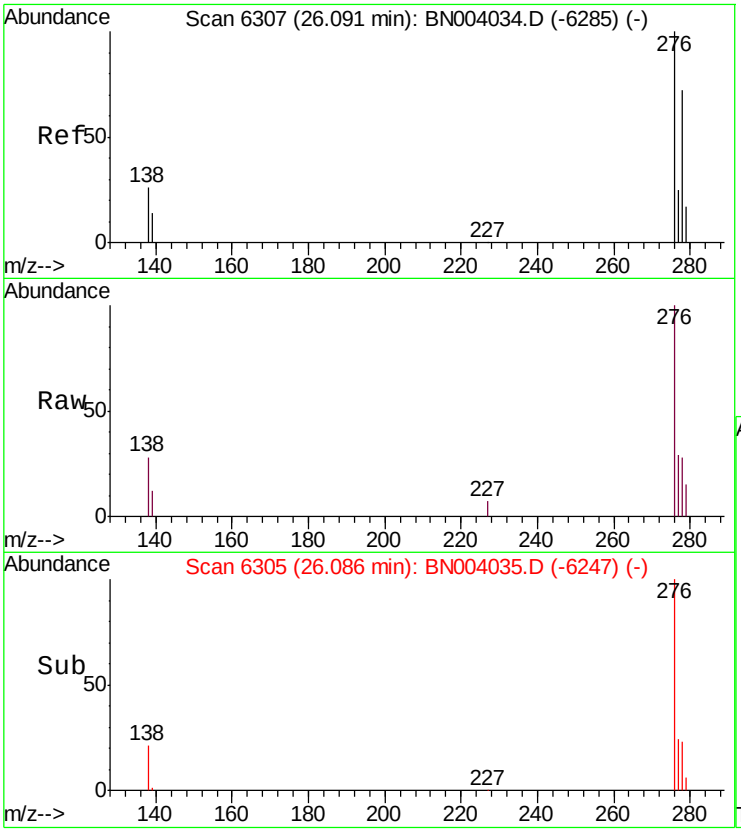


#23
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.63 min Scan# 5511
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:252 Resp: 12154

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.0	28.4
125	19.2	10.2	15.4#





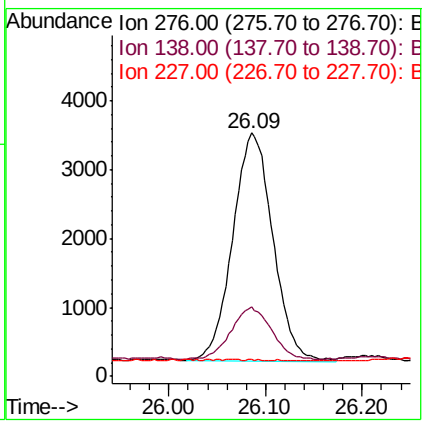
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.09 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

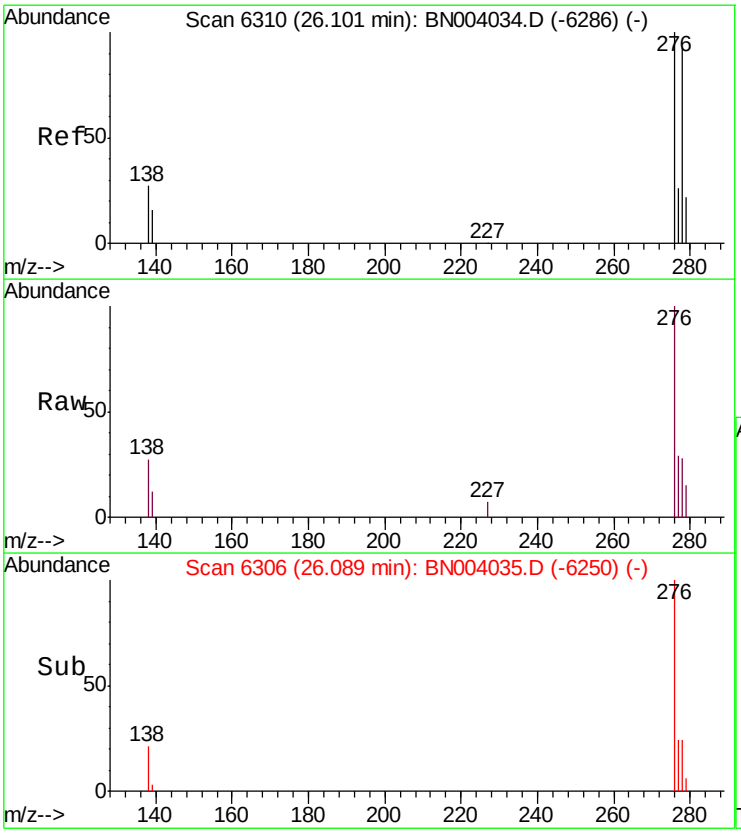
Tgt Ion:276 Resp: 9538

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.3	30.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM

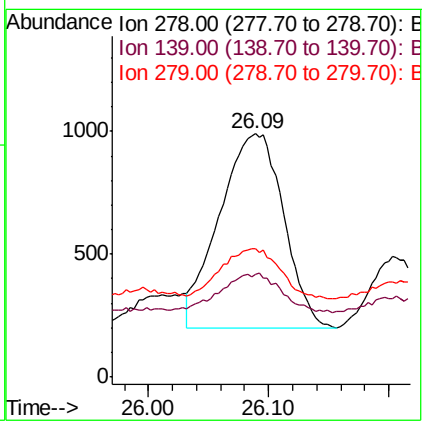


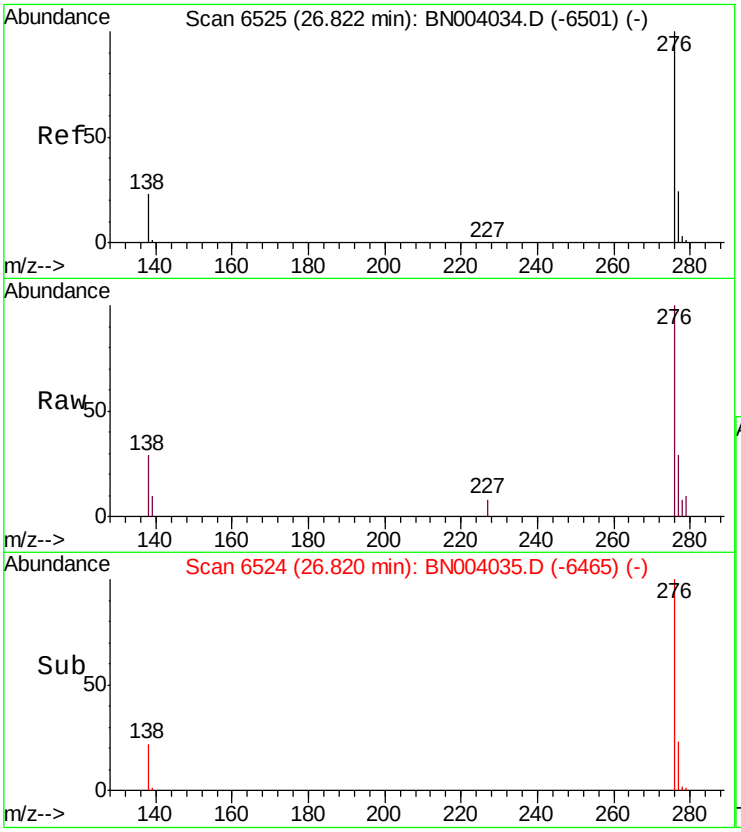


#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:278 Resp: 2936

Ion	Ratio	Lower	Upper
278	100		
139	42.4	14.2	21.4#
279	52.5	19.8	29.6#

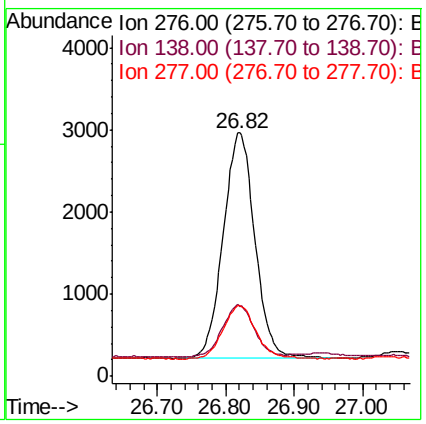




#26
Benzo(g,h,i)perylene
Concen: 0.212 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion:276 Resp: 8836

Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.7	26.5#
277	29.0	19.3	28.9#



Instrument :
BNA_N
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:55:50 PM