Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000334.D
Acq On : 13 Mar 2018 04:43
Operator : JU/SJ
Sample : J1843-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM66

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

Quant Time: Mar 13 14:22:54 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	397010	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1779579	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	931008	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1876754	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1436977	20.00	ng/ul	0.02
22) Perylene-d12	24.40	264	1360638	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	3209626	34.73	ng/ul	0.00
10) Fluorene-d10	16.05	176	2021593	32.31	ng/ul	0.00
14) Anthracene-d10	17.89	188	2976127	33.94	ng/ul	0.01
18) Pyrene-d10	20.15	212	2946567	41.91	ng/ul	0.02
25) Benzo(a)pyrene-d12	24.24	264	2124405	34.19	ng/ul	0.04
Target Compounds						Qvalue
8) Acenaphthylene	14.79	152	1886282	20.314	ng/ul	98
11) Fluorene	16.10	166	126684	1.777	ng/ul	96
13) Phenanthrene	17.83	178	3017057	28.031	ng/ul	99
15) Anthracene	17.92	178	1711697	15.673	ng/ul	99
16) Fluoranthene	19.82	202	10947836	94.142	ng/ul#	90
19) Pyrene	20.17	202	9638289	106.237	ng/ul#	86
20) Benzo(a)anthracene	21.90	228	6849602	76.674	ng/ul#	92
21) Chrysene	21.95	228	5899385m	69.588	ng/ul	
23) Benzo(b)fluoranthene	23.65	252	7030992	86.657	ng/ul#	95
24) Benzo(k)fluoranthene	23.69	252	2191588m	28.857	ng/ul	
26) Benzo(a)pyrene	24.30	252	4619835	59.827	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.98	276	2552323	30.655	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.97	278	780344	11.434	ng/ul#	84
29) Benzo(g,h,i)perylene	27.77	276	1985779	28.564	ng/ul#	89

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

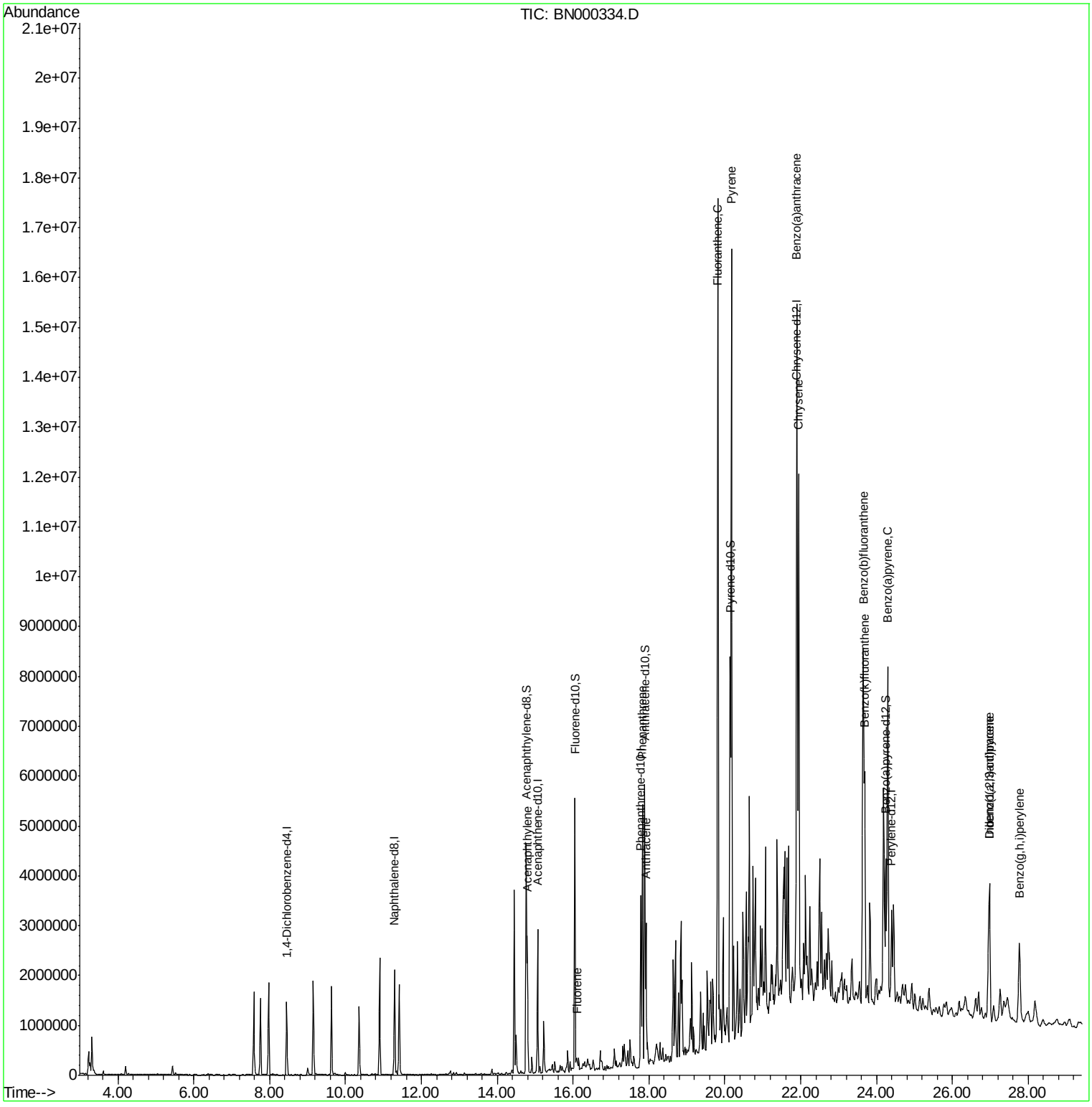
Quantitation Report (QT Reviewed)

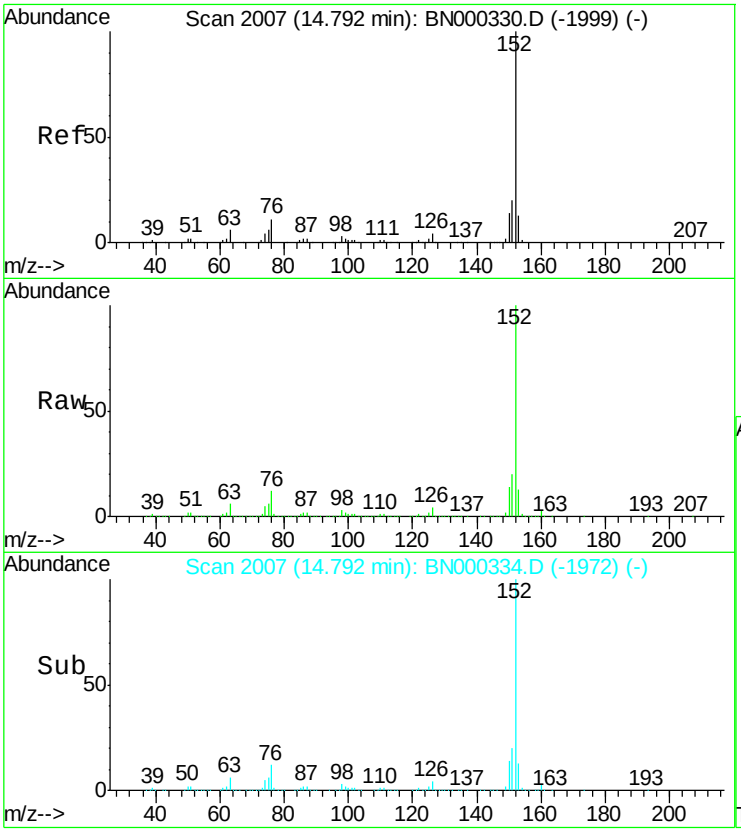
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000334.D
Acq On : 13 Mar 2018 04:43
Operator : JU/SJ
Sample : J1843-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 13 14:22:54 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAM66

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

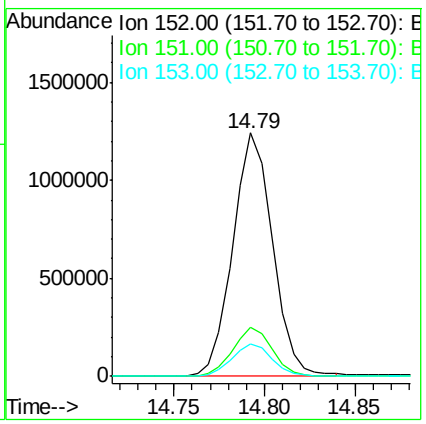




#8
Acenaphthylene
Concen: 20.314 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

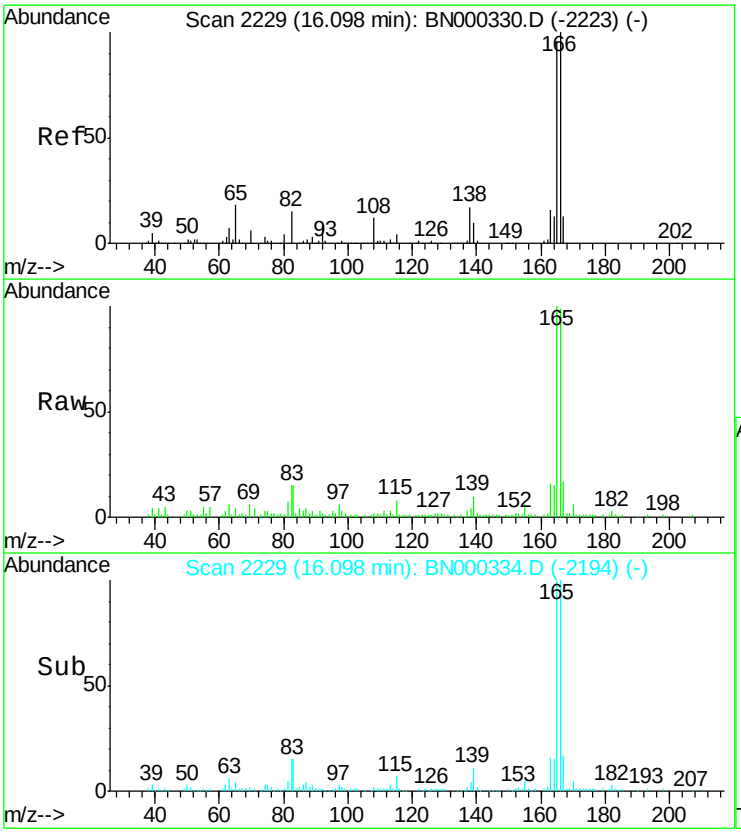
Tgt Ion:152 Resp: 1886282

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	13.2	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAM66

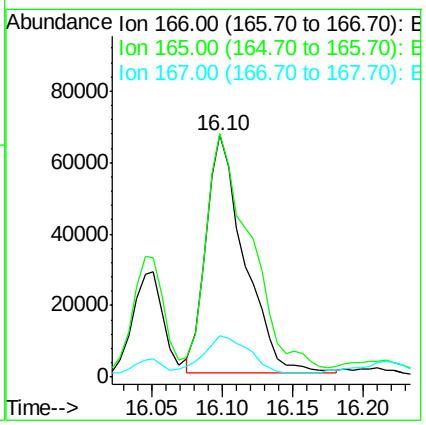
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

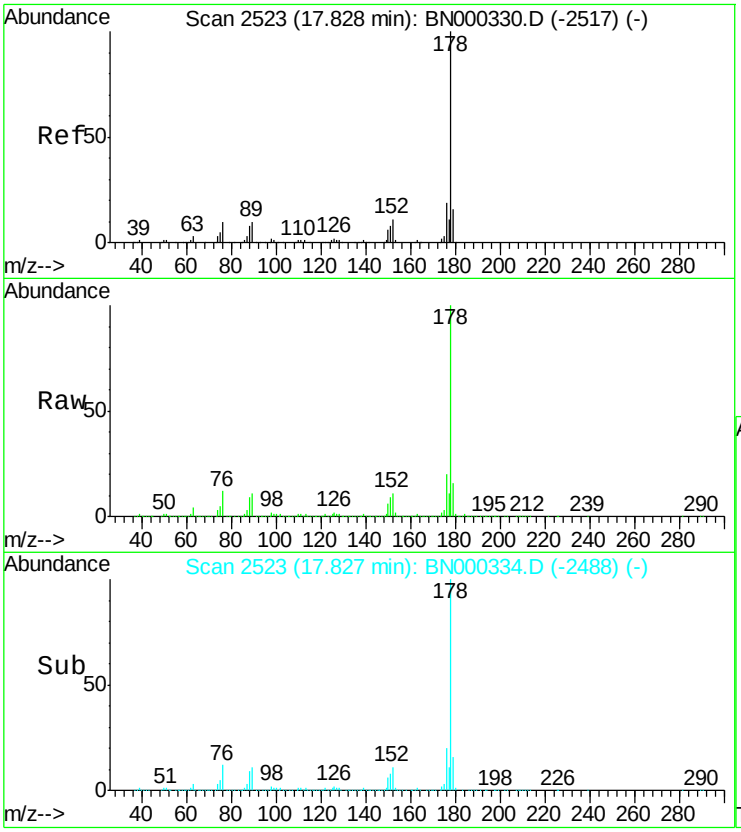


#11
Fluorene
Concen: 1.777 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:166 Resp: 126684

Ion	Ratio	Lower	Upper
166	100		
165	100.5	83.8	125.8
167	17.0	11.5	17.3

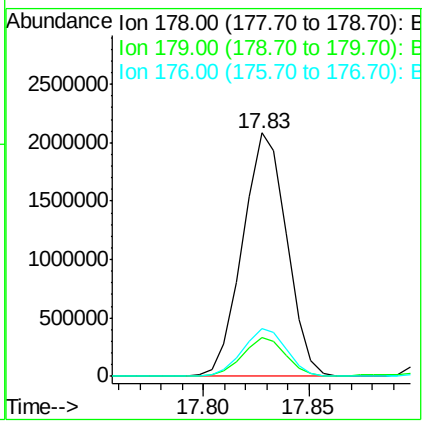




#13
Phenanthrene
Concen: 28.031 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

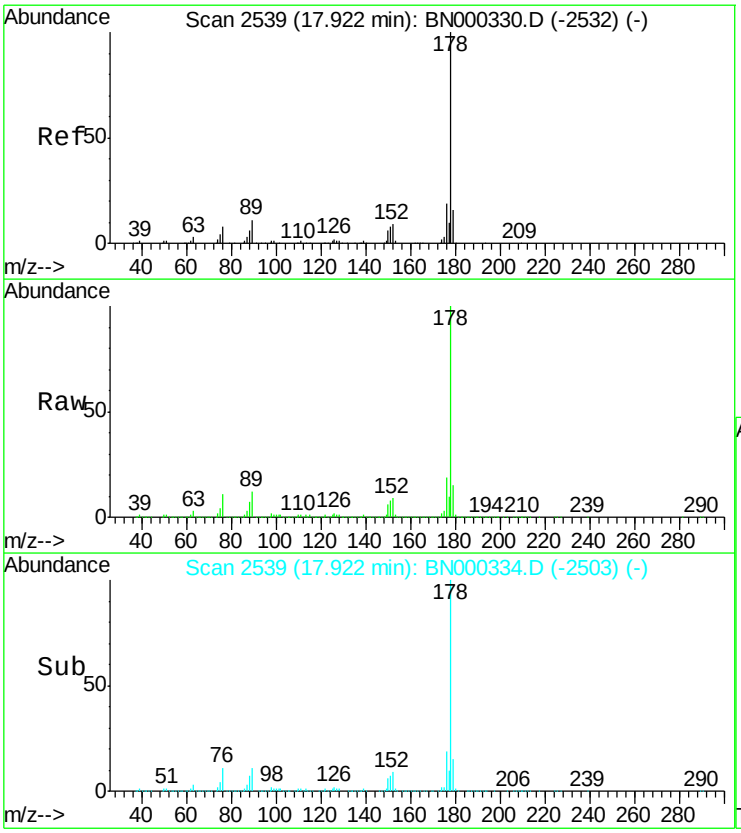
Tgt Ion:178 Resp: 3017057

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAM66

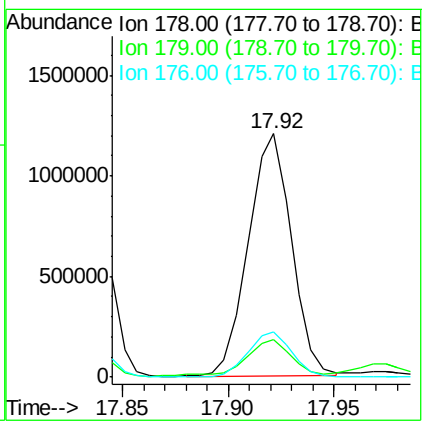
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

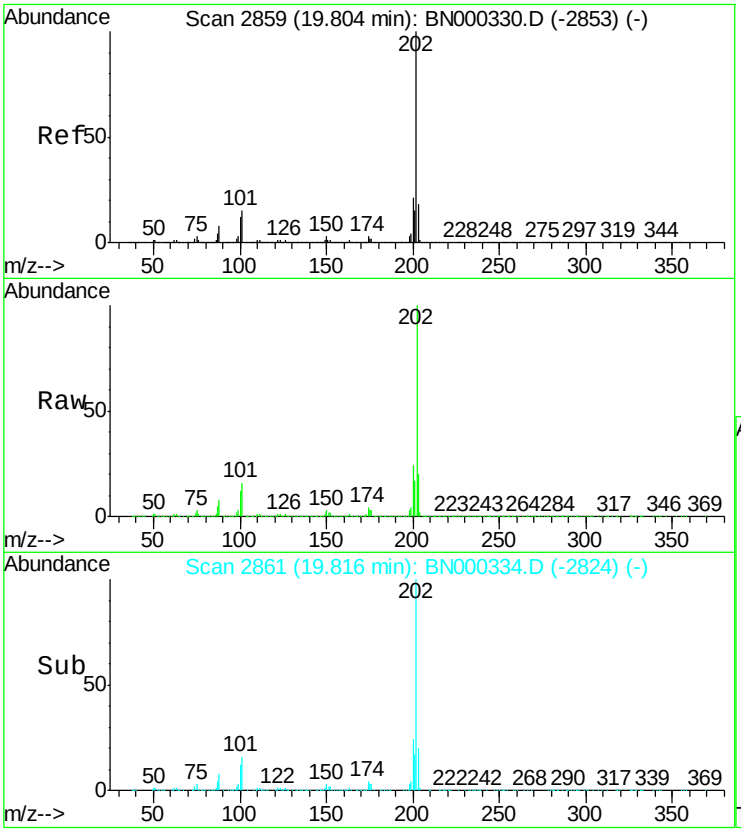


#15
Anthracene
Concen: 15.673 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:178 Resp: 1711697

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.7	15.2	22.8





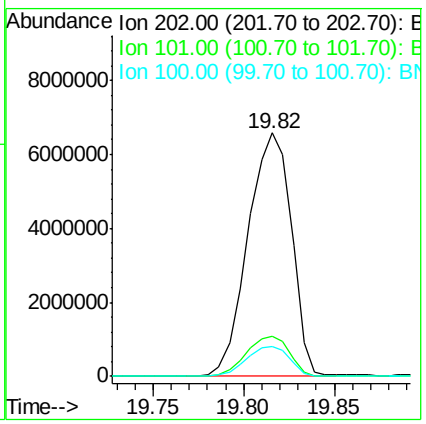
#16
Fluoranthene
Concen: 94.142 ng/ul
RT: 19.82 min Scan# 2861
Delta R.T. 0.02 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

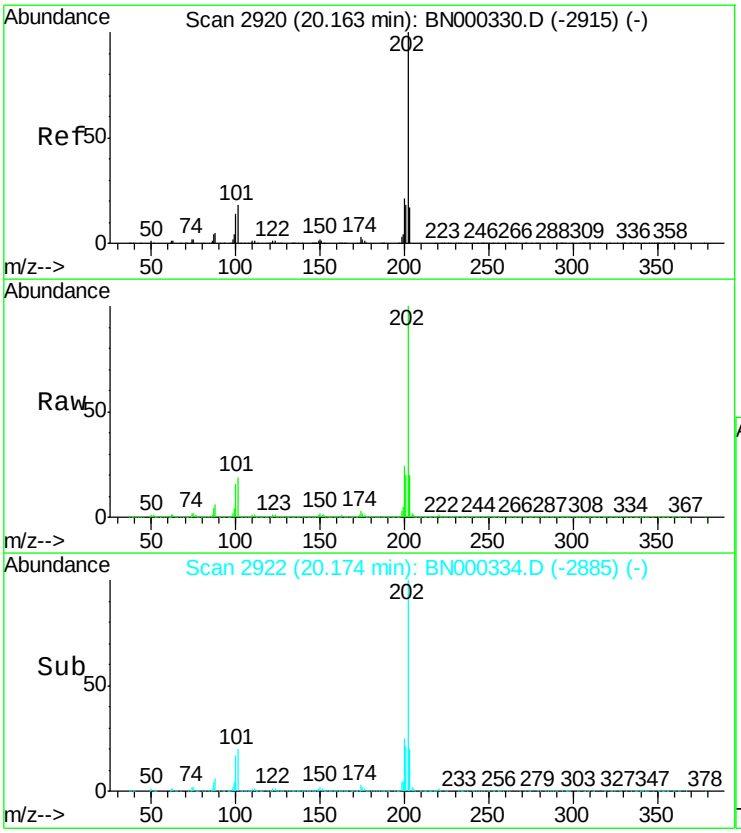
Tgt Ion:202 Resp:10947836

Ion	Ratio	Lower	Upper
202	100		
101	16.4	9.9	14.9#
100	12.5	7.4	11.0#

Instrument :
BNA_N
ClientSampleId :
DAM66

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

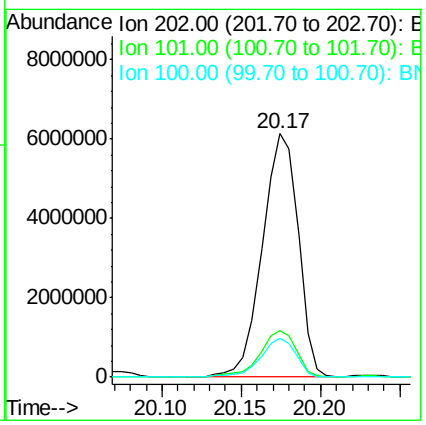


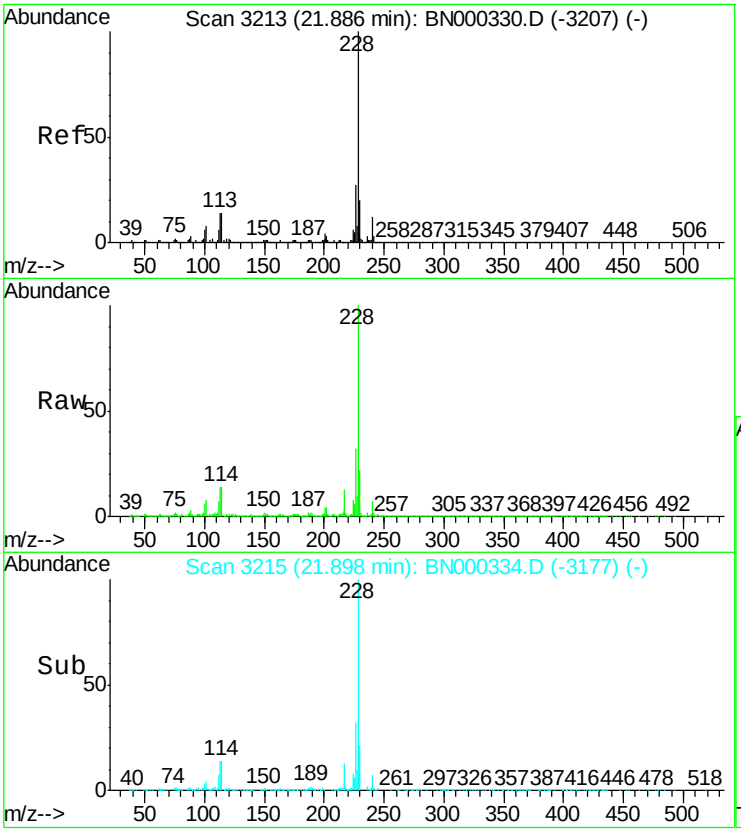


#19
Pyrene
Concen: 106.237 ng/ul
RT: 20.17 min Scan# 2922
Delta R.T. 0.02 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:202 Resp: 9638289

Ion	Ratio	Lower	Upper
202	100		
101	19.2	11.0	16.4#
100	15.8	8.1	12.1#

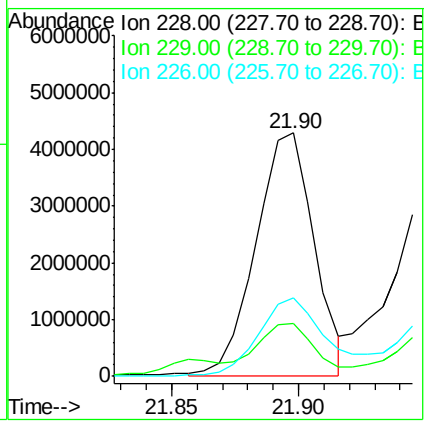




#20
Benzo(a)anthracene
Concen: 76.674 ng/ul
RT: 21.90 min Scan# 3215
Delta R.T. 0.02 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

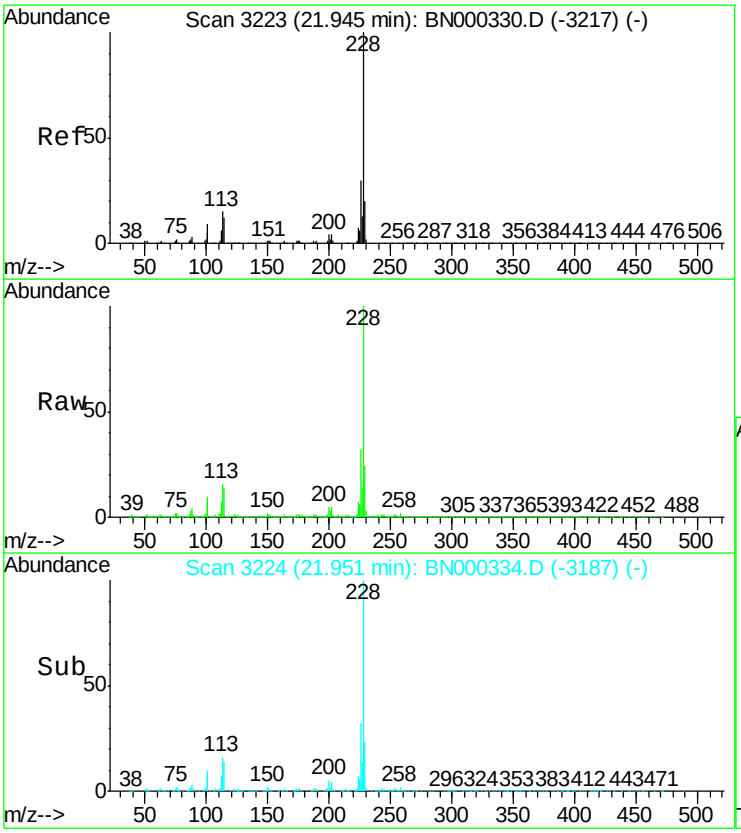
Tgt Ion:228 Resp: 6849602

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	32.2	21.1	31.7#



Instrument :
BNA_N
ClientSampleId :
DAM66

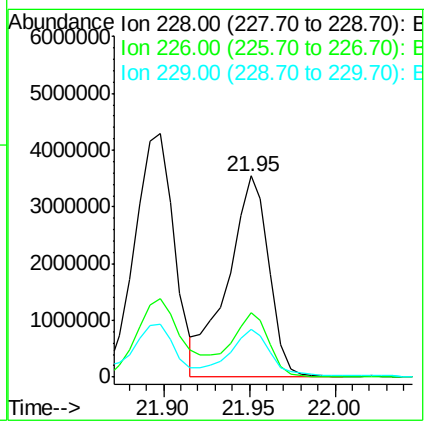
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

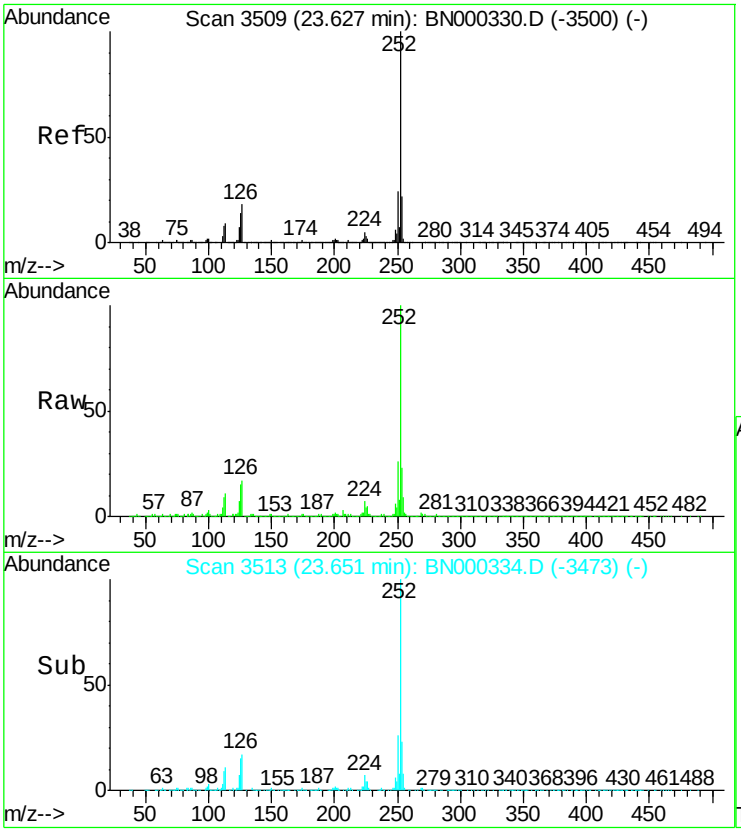


#21
Chrysene
Concen: 69.588 ng/ul m
RT: 21.95 min Scan# 3224
Delta R.T. 0.02 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:228 Resp: 5899385

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.5	36.7
229	23.9	15.8	23.8#





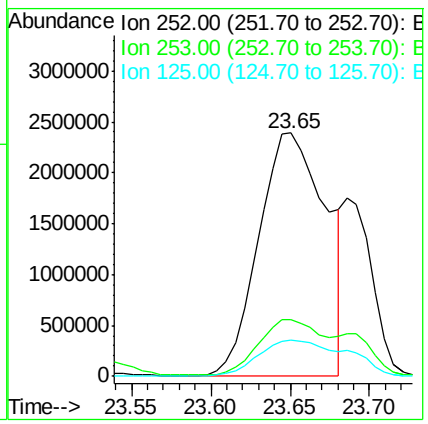
#23
Benzo(b)fluoranthene
Concen: 86.657 ng/ul
RT: 23.65 min Scan# 3513
Delta R.T. 0.04 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

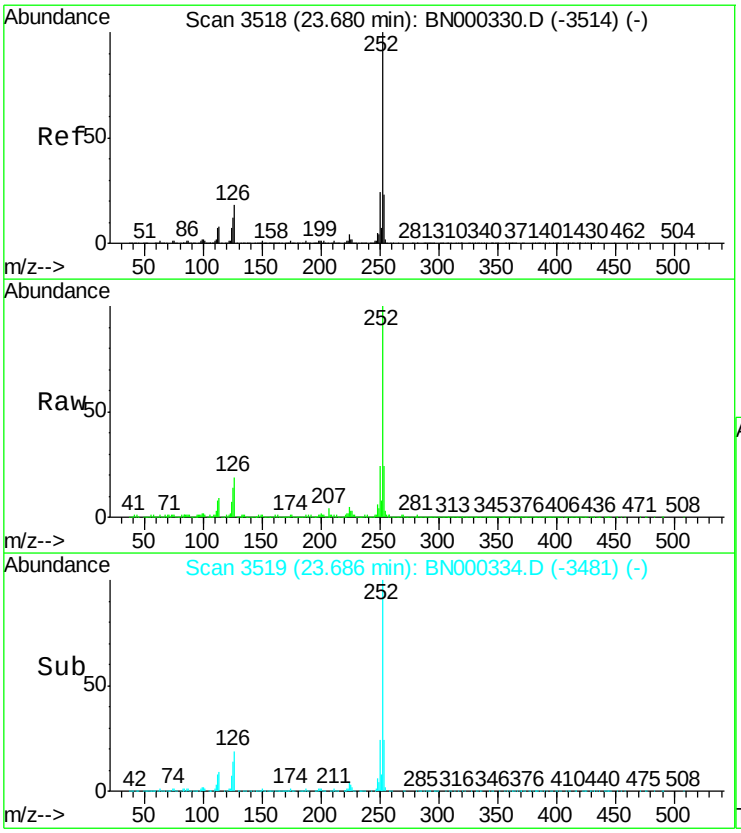
Tgt Ion:252 Resp: 7030992

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.0	8.0	12.0#

Instrument :
BNA_N
ClientSampleId :
DAM66

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

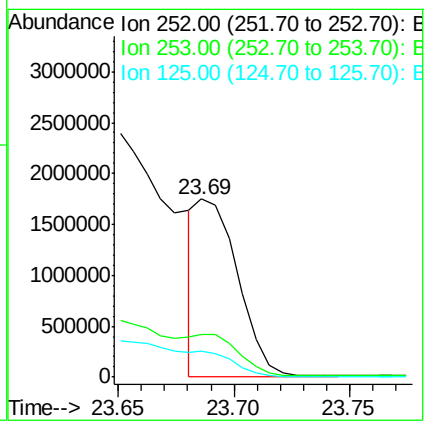


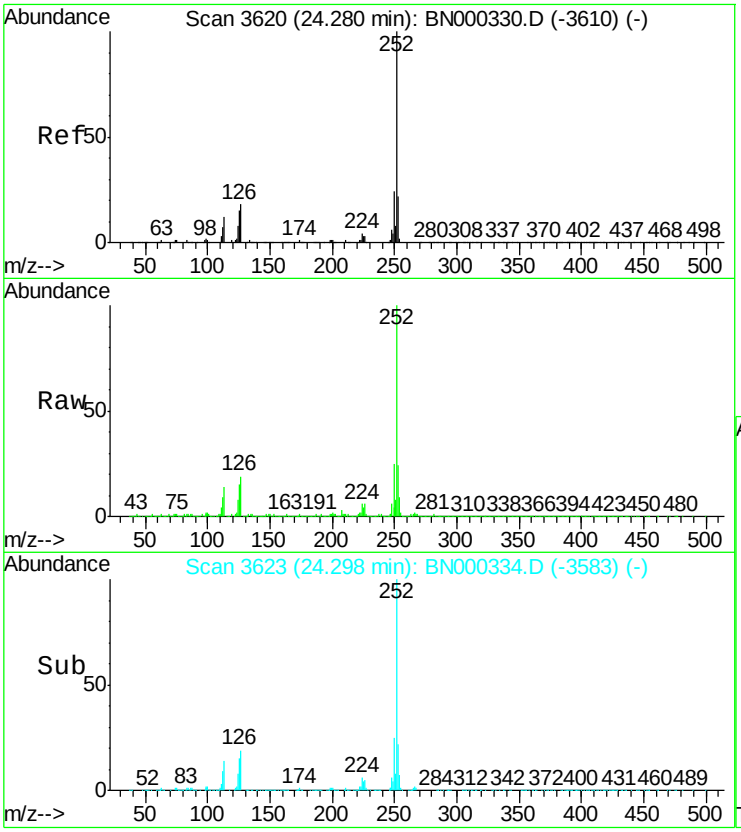


#24
Benzo(k)fluoranthene
Concen: 28.857 ng/ul m
RT: 23.69 min Scan# 3519
Delta R.T. 0.02 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:252 Resp: 2191588

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.4	8.1	12.1#

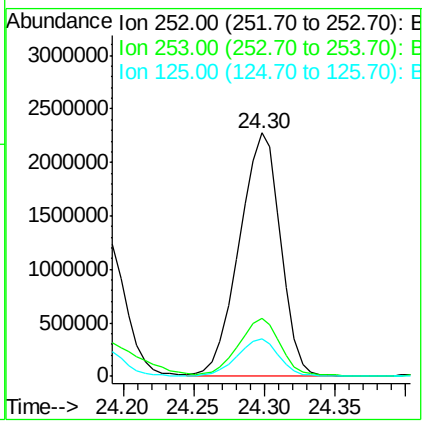




#26
Benzo(a)pyrene
Concen: 59.827 ng/ul
RT: 24.30 min Scan# 3623
Delta R.T. 0.04 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

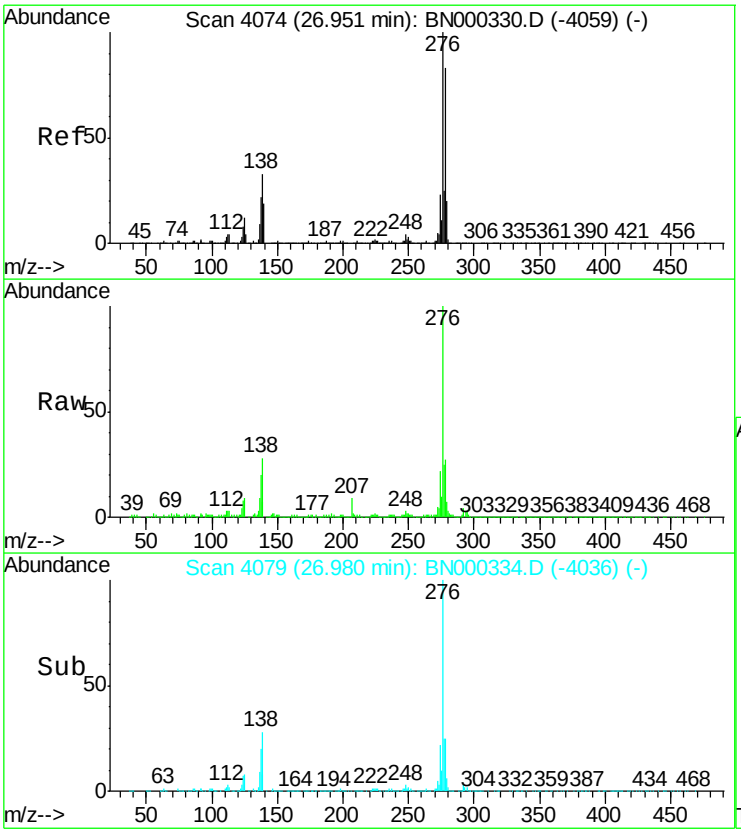
Tgt Ion:252 Resp: 4619835

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	15.2	8.2	12.4#



Instrument :
BNA_N
ClientSampleId :
DAM66

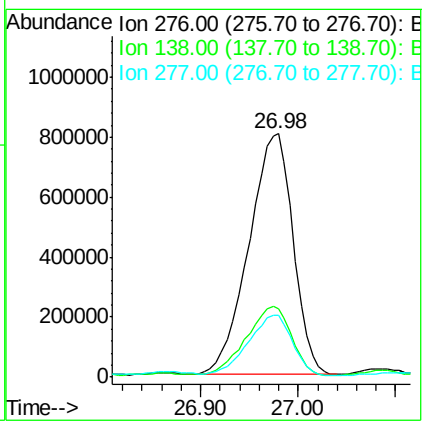
Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM

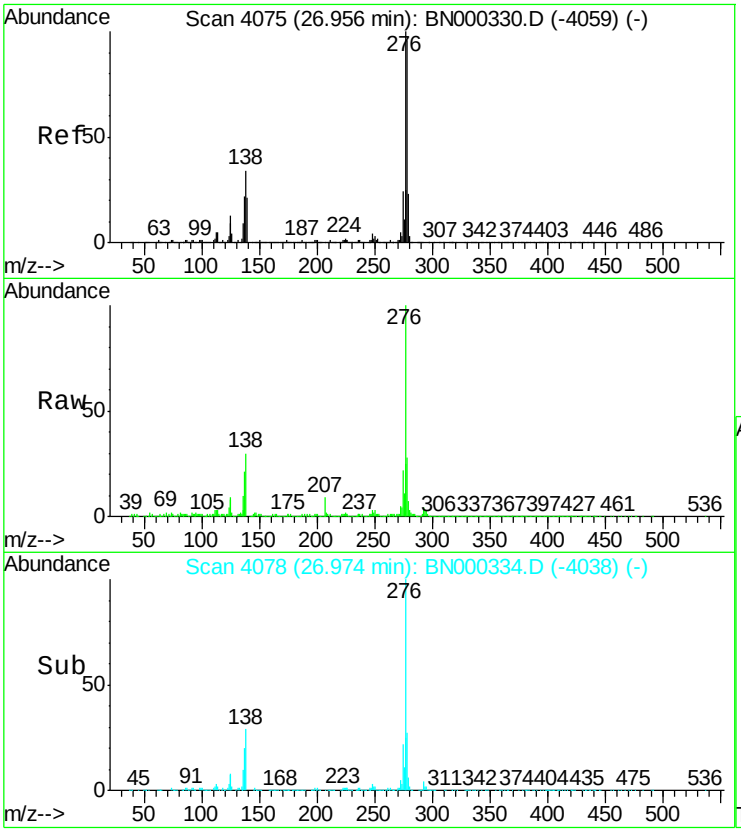


#27
Indeno(1,2,3-cd)pyrene
Concen: 30.655 ng/ul
RT: 26.98 min Scan# 4079
Delta R.T. 0.05 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:276 Resp: 2552323

Ion	Ratio	Lower	Upper
276	100		
138	28.0	14.4	21.6#
277	25.3	18.0	27.0





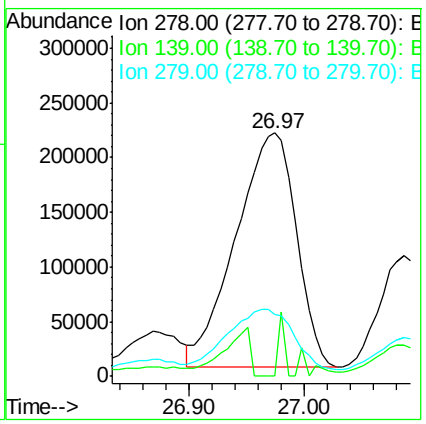
#28
Dibenzo(a,h)anthracene
Concen: 11.434 ng/ul
RT: 26.97 min Scan# 4078
Delta R.T. 0.04 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

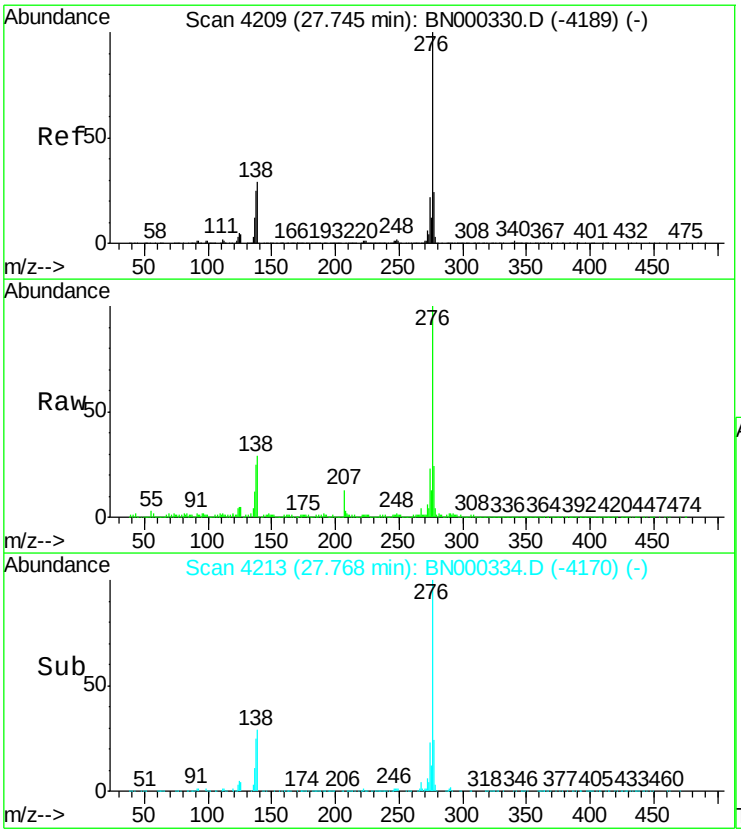
Tgt Ion:278 Resp: 780344

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	25.3	19.2	28.8

Instrument :
BNA_N
ClientSampleId :
DAM66

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:27 PM





#29
Benzo(g,h,i)perylene
Concen: 28.564 ng/ul
RT: 27.77 min Scan# 4213
Delta R.T. 0.05 min
Lab File: BN000334.D
Acq: 13 Mar 2018 04:43

Tgt Ion:276 Resp: 1985779

Ion	Ratio	Lower	Upper
276	100		
138	29.4	15.3	22.9#
277	24.4	19.0	28.4