Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000389.D
Acq On : 14 Mar 2018 23:43
Operator : JU/SJ
Sample : J1866-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAMF2

Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

Quant Time: Mar 15 07:43:29 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:02:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	229237	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1117361	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	636823	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1415705	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1305677	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1223235	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1228918	19.44	ng/ul	0.00
10) Fluorene-d10	16.04	176	816880	19.09	ng/ul	0.00
14) Anthracene-d10	17.88	188	1271277	19.22	ng/ul	0.00
18) Pyrene-d10	20.14	212	1389269	21.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1087908	19.48	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.79	152	292816	4.610	ng/ul	98
11) Fluorene	16.10	166	51424	1.055	ng/ul	93
13) Phenanthrene	17.83	178	1582215	19.488	ng/ul	99
15) Anthracene	17.92	178	391318	4.750	ng/ul	99
16) Fluoranthene	19.81	202	3681001	41.962	ng/ul#	93
19) Pyrene	20.17	202	3338616	40.500	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	1507385m	18.571	ng/ul	
21) Chrysene	21.95	228	1447521m	18.792	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	1709084	23.431	ng/ul#	95
24) Benzo(k)fluoranthene	23.68	252	528485m	7.740	ng/ul	
26) Benzo(a)pyrene	24.29	252	1203998	17.343	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	757602	10.121	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.96	278	180742	2.946	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	751145	12.019	ng/ul#	90

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

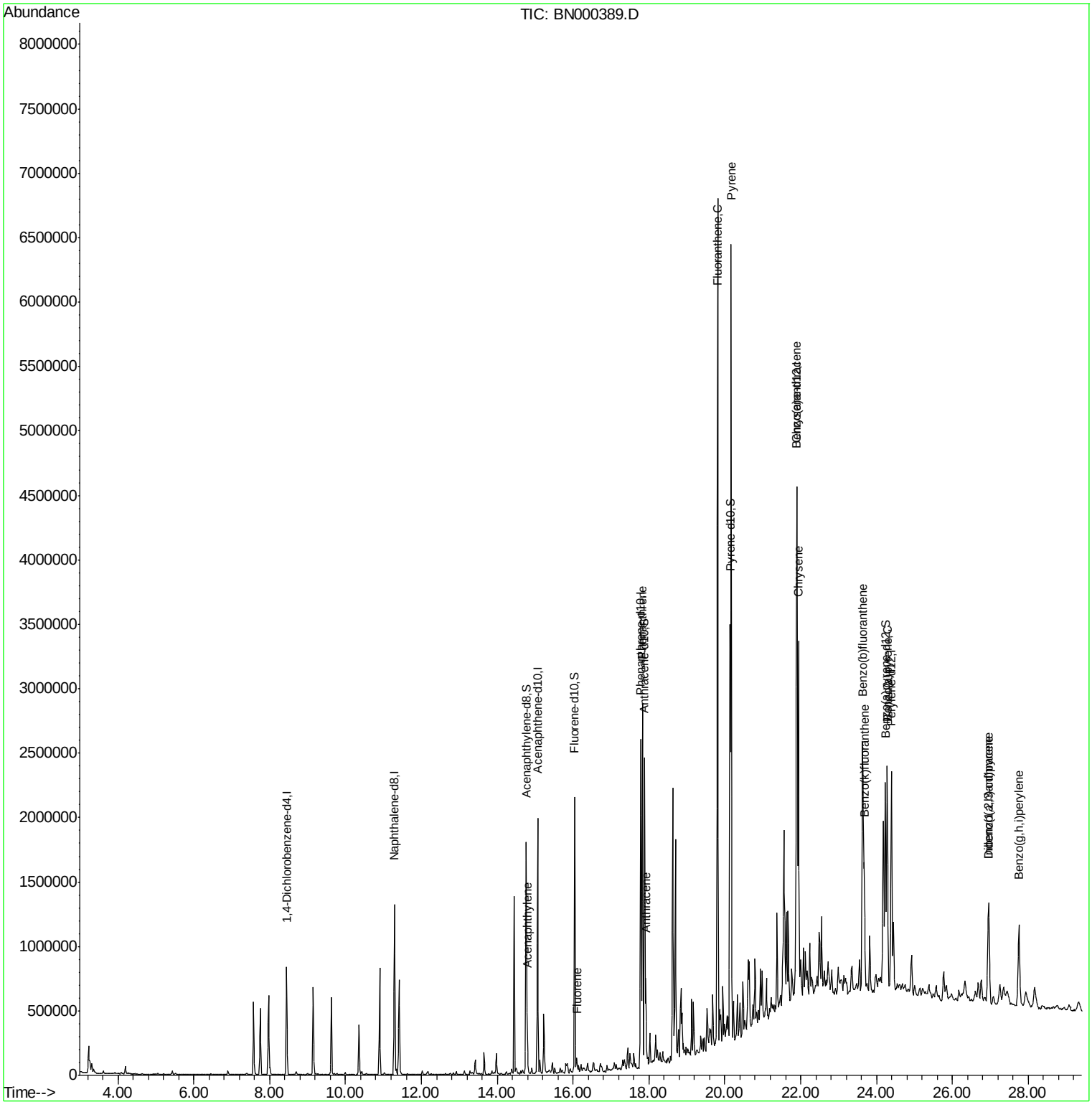
Quantitation Report (QT Reviewed)

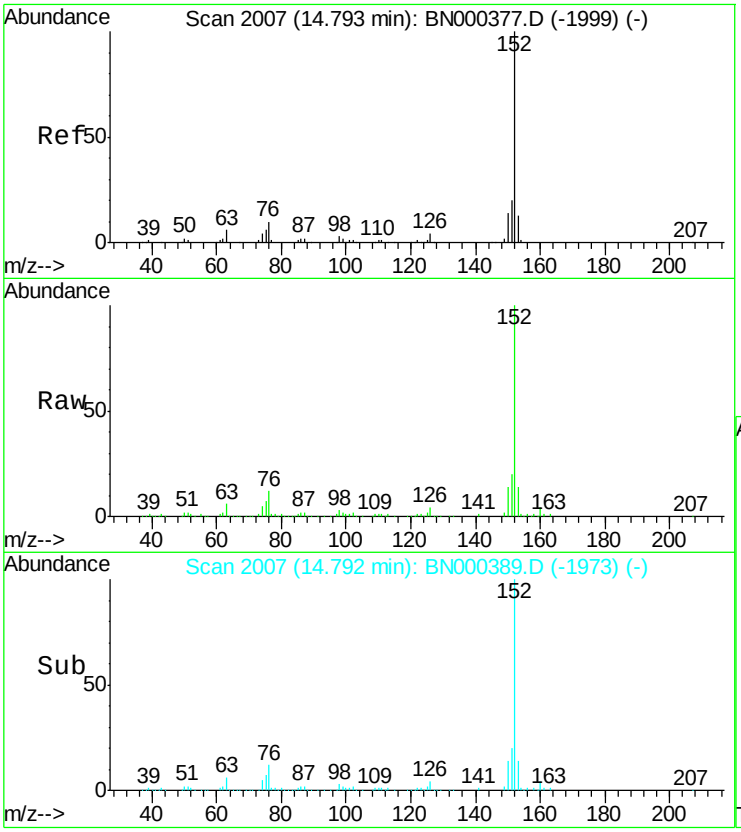
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000389.D
Acq On : 14 Mar 2018 23:43
Operator : JU/SJ
Sample : J1866-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 15 07:43:29 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:02:49 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAMF2

Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

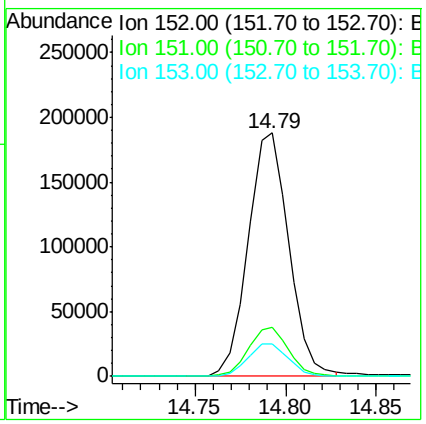




#8
Acenaphthylene
Concen: 4.610 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

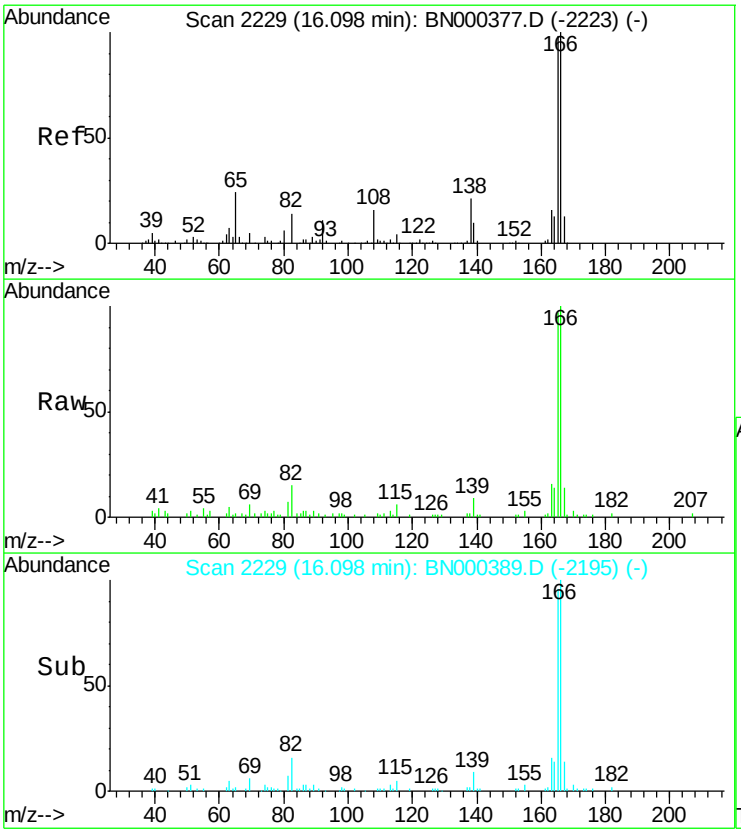
Tgt Ion:152 Resp: 292816

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1
153	13.5	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAMF2

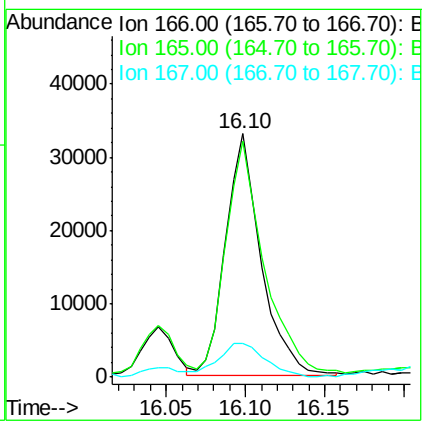
Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

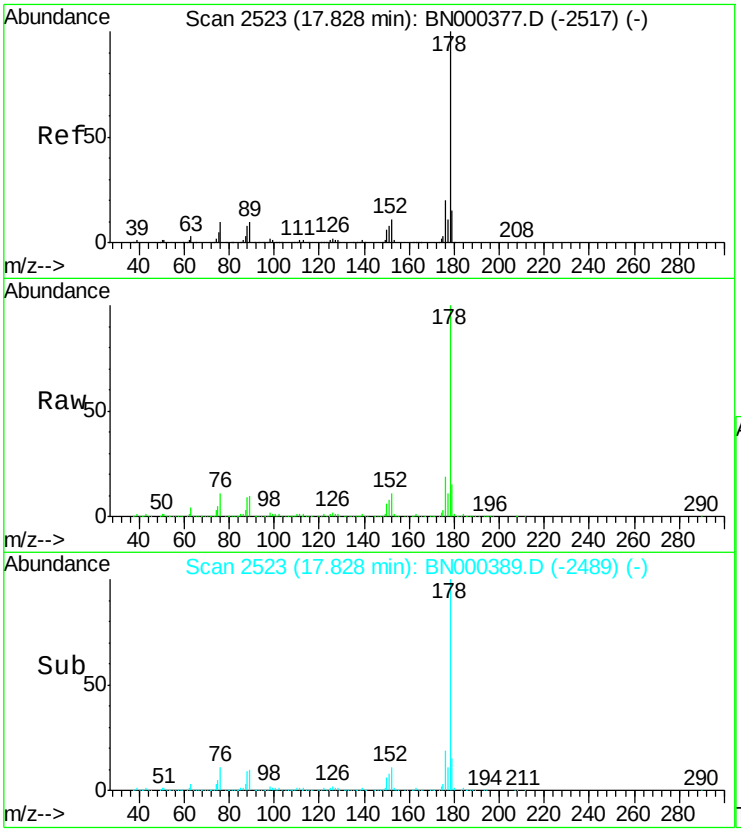


#11
Fluorene
Concen: 1.055 ng/ul
RT: 16.10 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:166 Resp: 51424

Ion	Ratio	Lower	Upper
166	100		
165	97.1	83.8	125.8
167	14.0	11.5	17.3

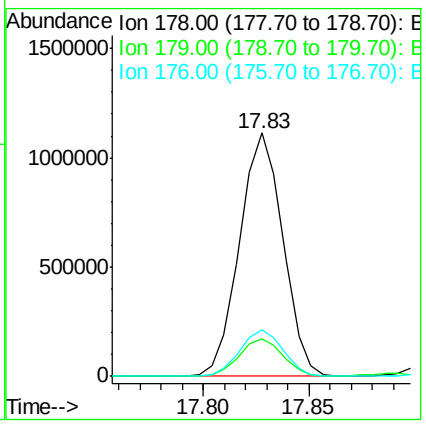




#13
Phenanthrene
Concen: 19.488 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

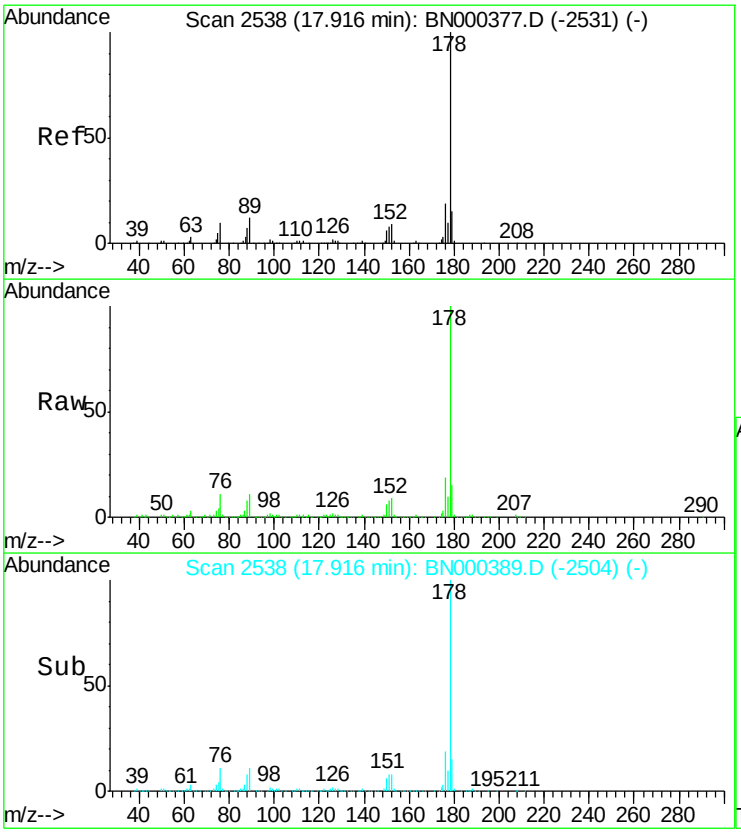
Tgt Ion:178 Resp: 1582215

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAMF2

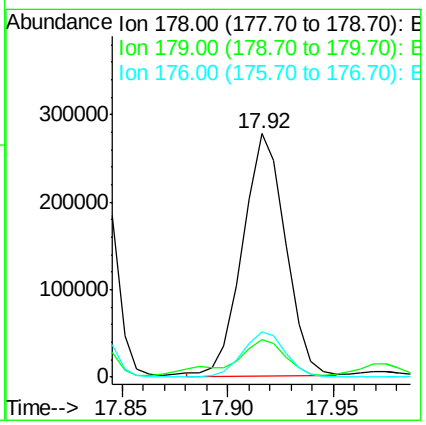
Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

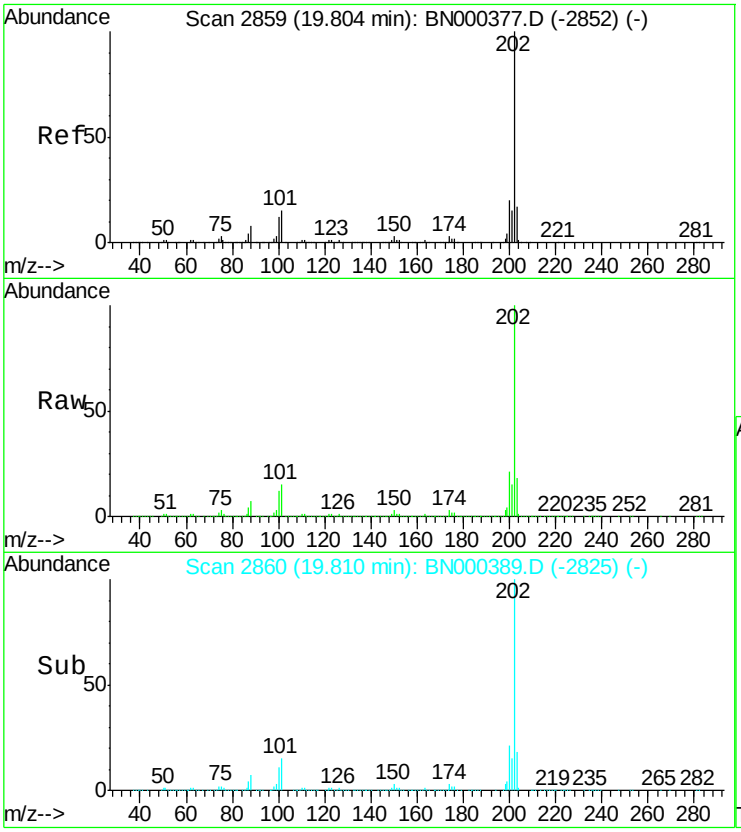


#15
Anthracene
Concen: 4.750 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:178 Resp: 391318

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.7	15.2	22.8





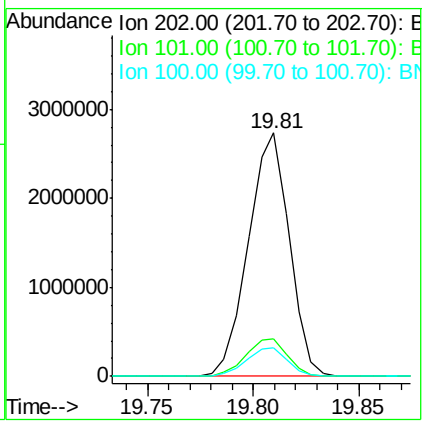
#16
Fluoranthene
Concen: 41.962 ng/ul
RT: 19.81 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

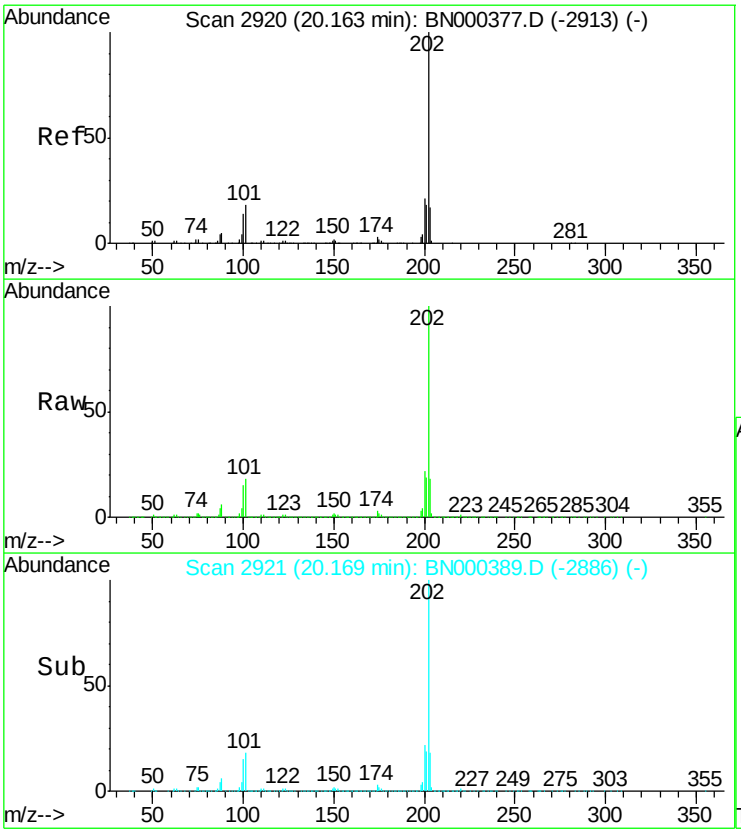
Tgt Ion:202 Resp: 3681001

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.5	7.4	11.0#

Instrument :
BNA_N
ClientSampleId :
DAMF2

Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

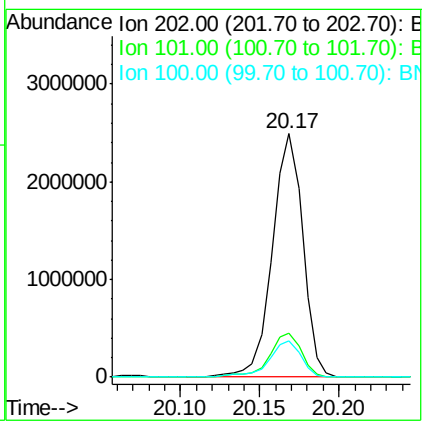


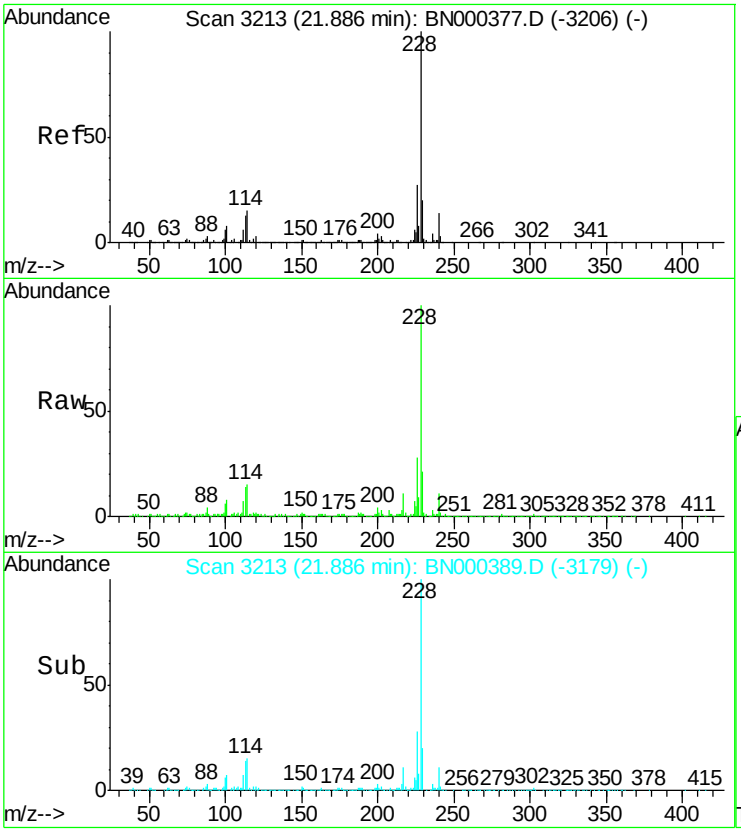


#19
Pyrene
Concen: 40.500 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:202 Resp: 3338616

Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.0	8.1	12.1#

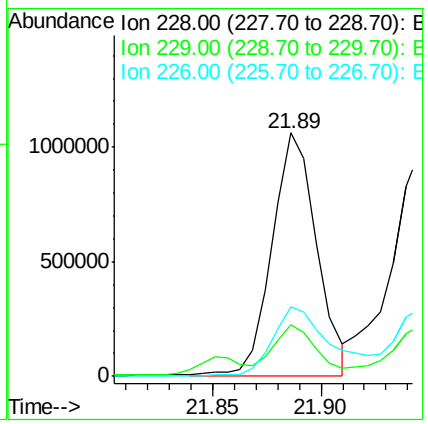




#20
Benzo(a)anthracene
Concen: 18.571 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

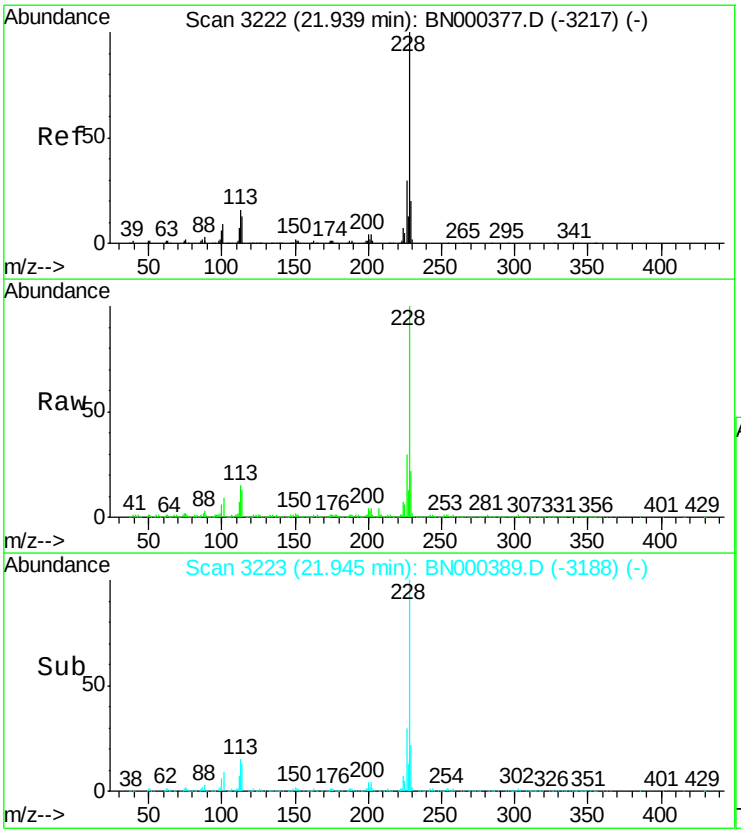
Tgt Ion:228 Resp: 1507385

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.3	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DAMF2

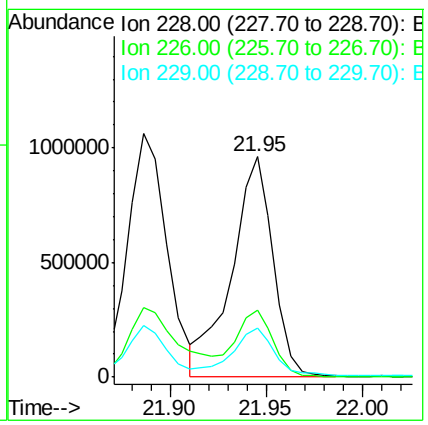
Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

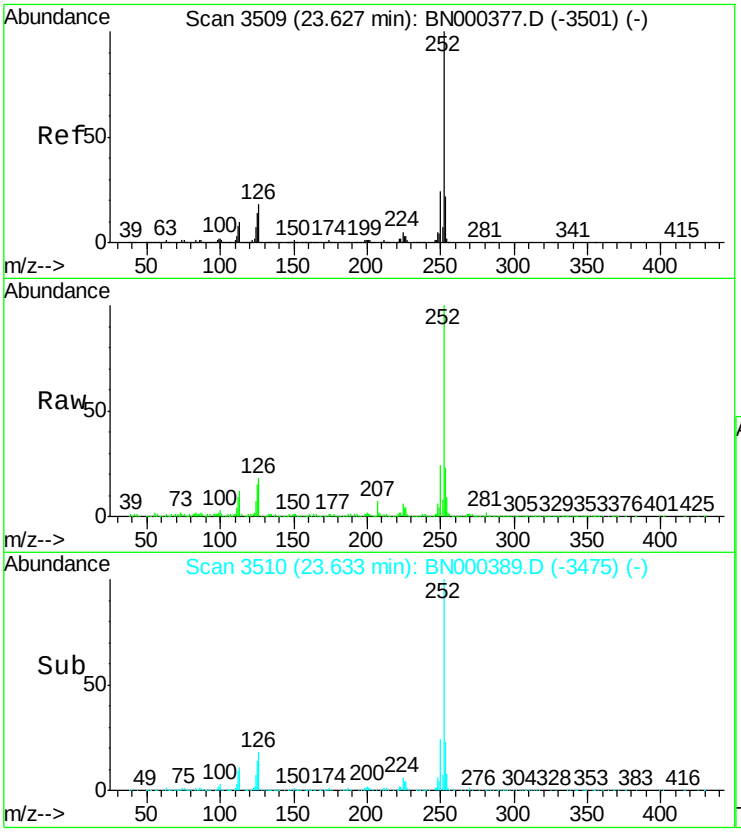


#21
Chrysene
Concen: 18.792 ng/ul m
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:228 Resp: 1447521

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.5	15.8	23.8

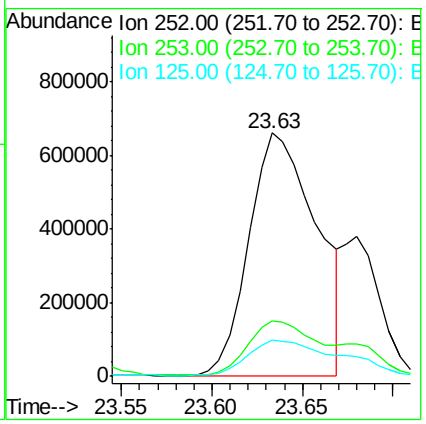




#23
Benzo(b)fluoranthene
Concen: 23.431 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

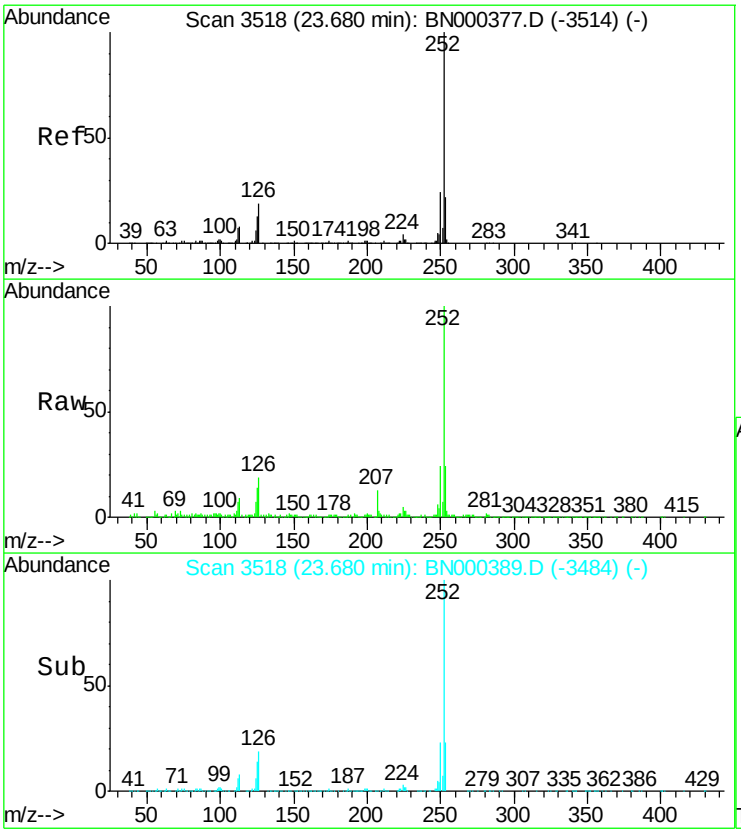
Tgt Ion:252 Resp: 1709084

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.8	8.0	12.0#



Instrument :
BNA_N
ClientSampleId :
DAMF2

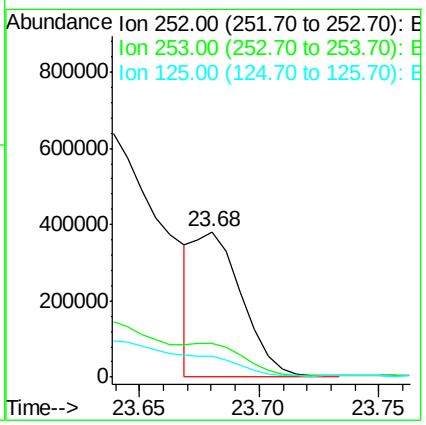
Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

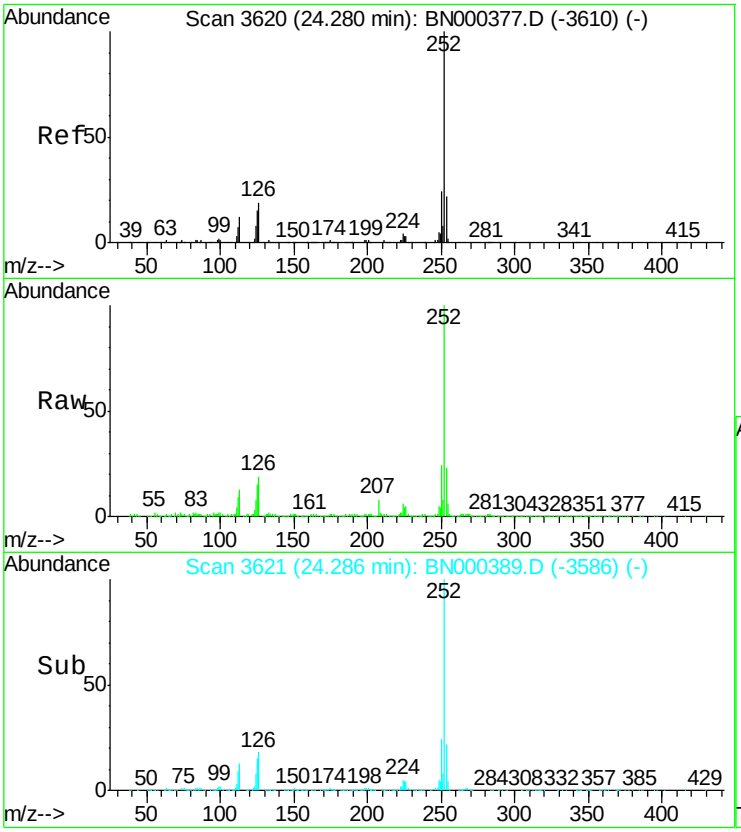


#24
Benzo(k)fluoranthene
Concen: 7.740 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:252 Resp: 528485

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.3	8.1	12.1#

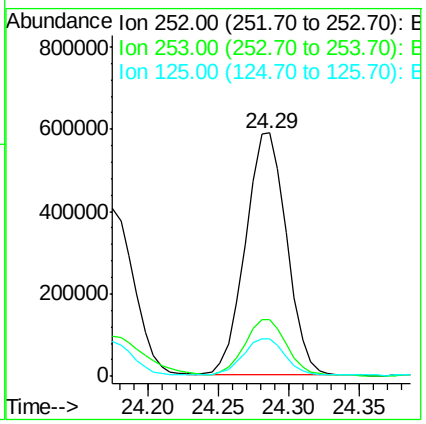




#26
Benzo(a)pyrene
Concen: 17.343 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

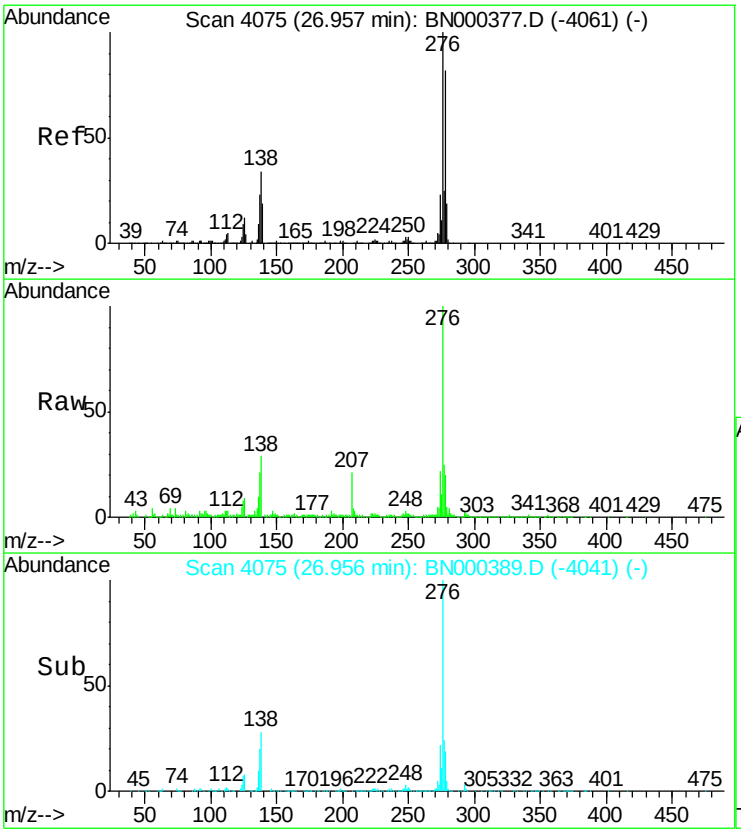
Tgt Ion:252 Resp: 1203998

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	15.2	8.2	12.4#



Instrument :
BNA_N
ClientSampleId :
DAMF2

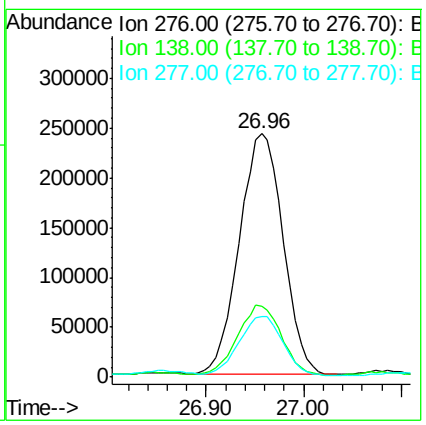
Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM

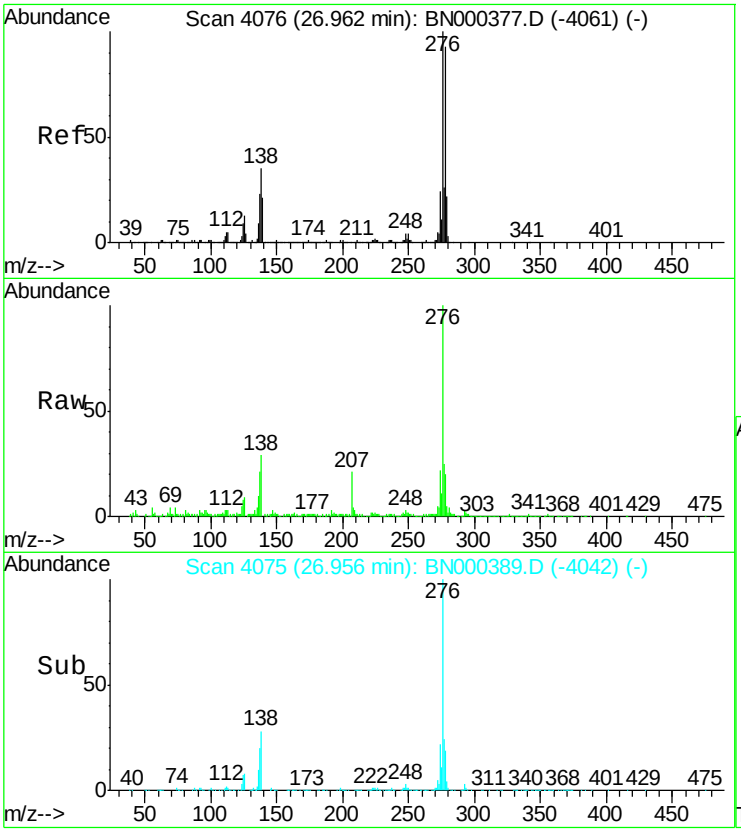


#27
Indeno(1,2,3-cd)pyrene
Concen: 10.121 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:276 Resp: 757602

Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	24.8	18.0	27.0





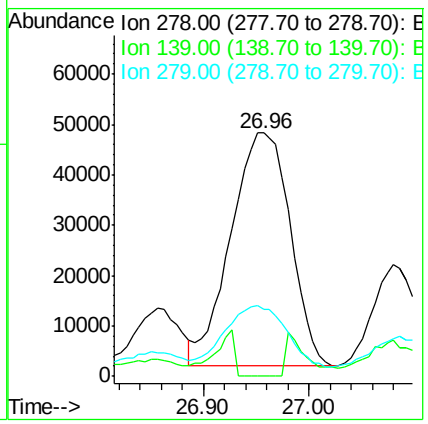
#28
Dibenzo(a,h)anthracene
Concen: 2.946 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

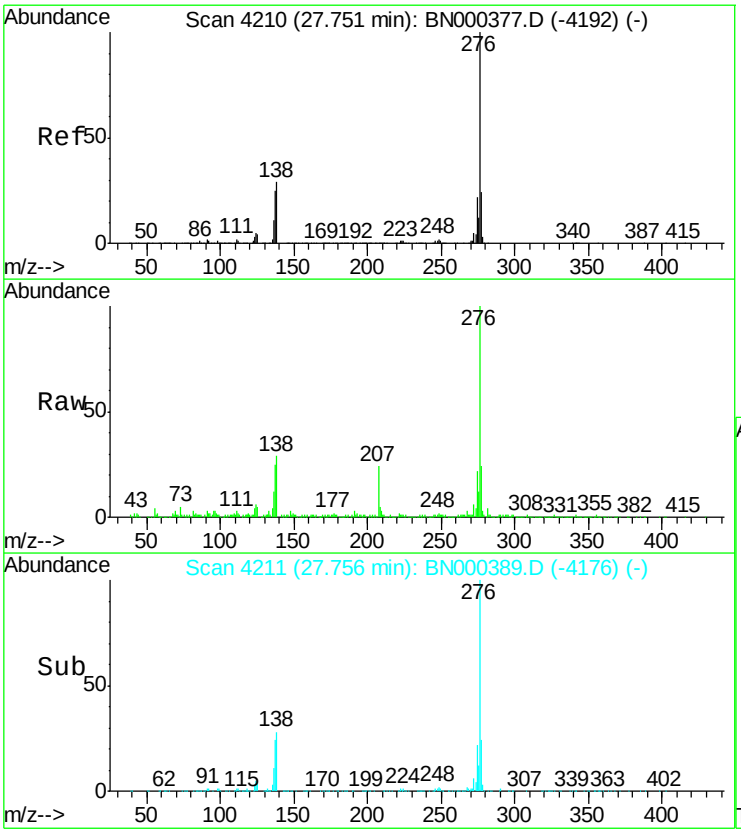
Tgt Ion:278 Resp: 180742

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.7	19.2	28.8

Instrument :
BNA_N
ClientSampleId :
DAMF2

Manual Integrations APPROVED
Sohil
3/15/2018 7:03:07 PM





#29
Benzo(g,h,i)perylene
Concen: 12.019 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BN000389.D
Acq: 14 Mar 2018 23:43

Tgt Ion:276 Resp: 751145

Ion	Ratio	Lower	Upper
276	100		
138	28.9	15.3	22.9#
277	24.2	19.0	28.4