Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001117.D
Acq On : 03 May 2018 20:56
Operator : JU/SJ
Sample : J2633-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations APPROVED
Sohil
5/4/2018 1:33:39 PM

Quant Time: May 04 08:34:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119481	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	501564	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	238049	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	427727	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	373984	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	414678	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	405270	17.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	270461	17.72	ng/ul	0.00
14) Anthracene-d10	17.10	188	356227	18.21	ng/ul	0.00
18) Pyrene-d10	19.41	212	352586	18.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	387134	19.76	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	30033	1.188	ng/ul	99
8) Acenaphthylene	13.97	152	30173	1.333	ng/ul	97
13) Phenanthrene	17.05	178	563231	24.143	ng/ul	100
15) Anthracene	17.14	178	75771	3.238	ng/ul	99
16) Fluoranthene	19.07	202	792513	33.484	ng/ul#	93
19) Pyrene	19.44	202	567259	23.614	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	316832m	14.172	ng/ul	
21) Chrysene	21.25	228	328209m	15.620	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	427530m	18.142	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	144023m	6.246	ng/ul	
26) Benzo(a)pyrene	23.32	252	242777	10.780	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.60	276	190424	7.000	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	58030	2.560	ng/ul#	79
29) Benzo(g,h,i)perylene	26.27	276	178625	7.851	ng/ul#	92

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

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Manual Integrations APPROVED
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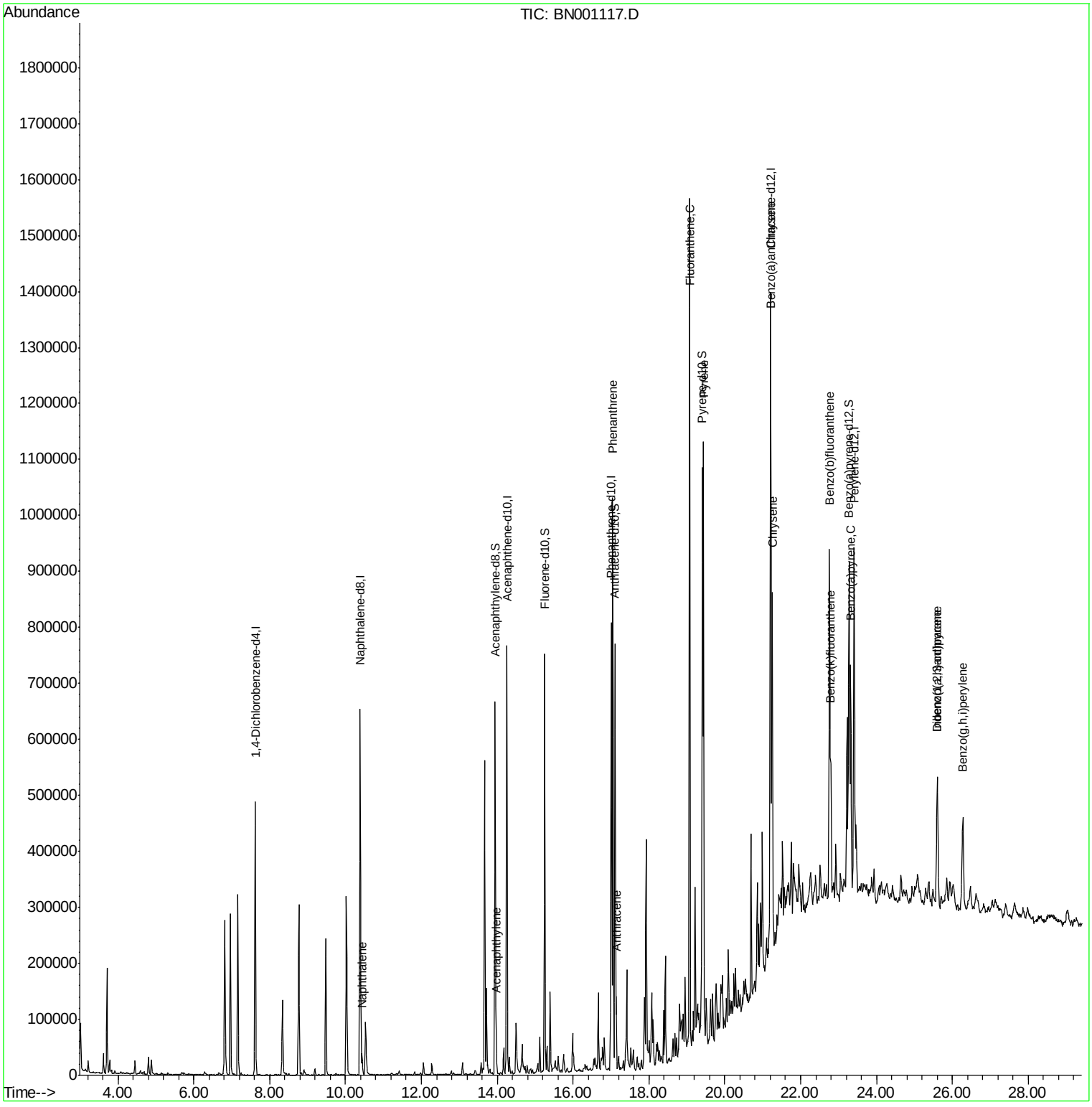
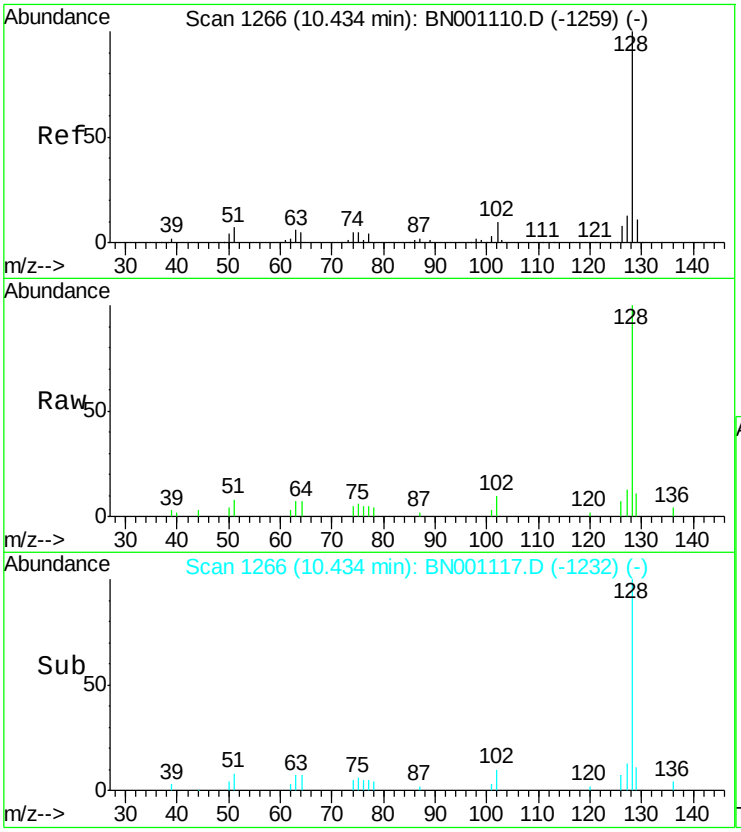
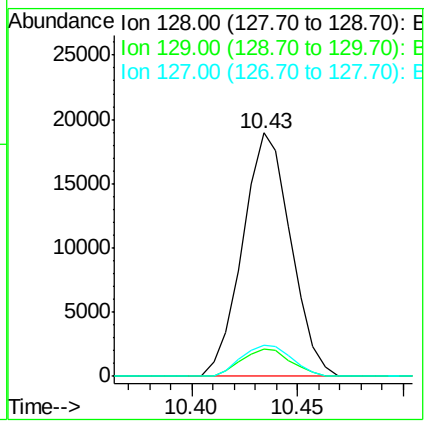




#3
Naphthalene
Concen: 1.188 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:128 Resp: 30033

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DASA1

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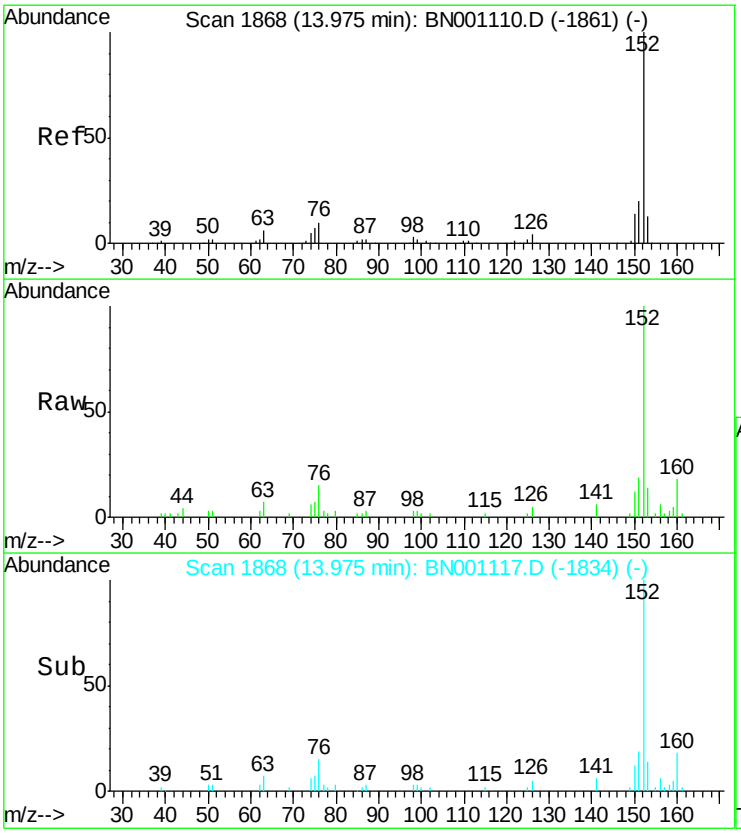
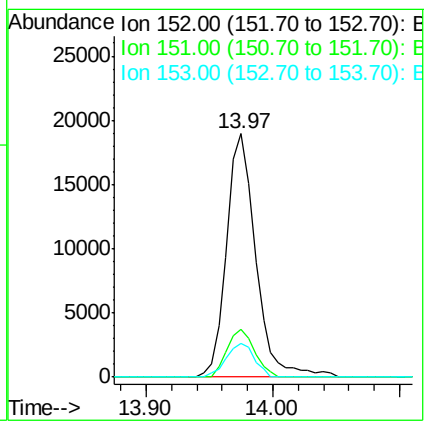
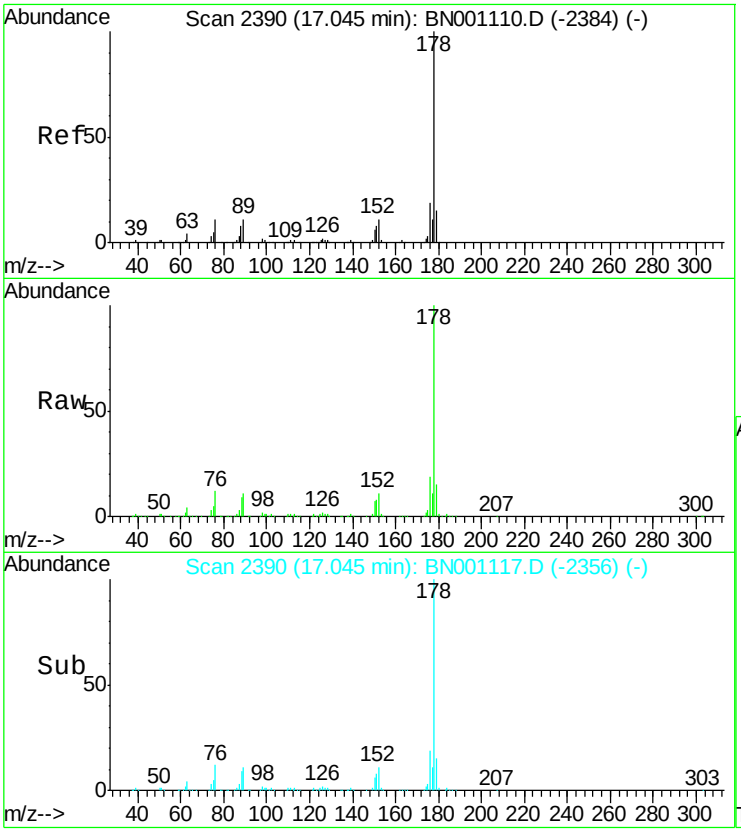


#8
Acenaphthylene
Concen: 1.333 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:152 Resp: 30173

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1
153	13.9	10.2	15.4

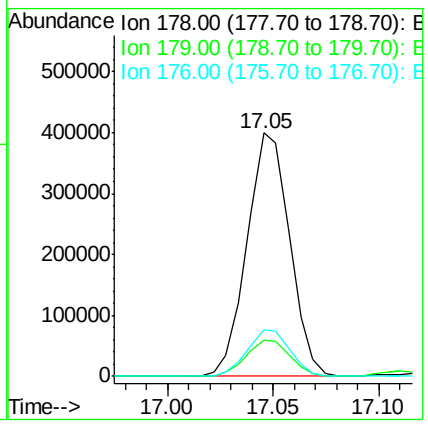




#13
Phenanthrene
Concen: 24.143 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:178 Resp: 563231

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.9	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DASA1

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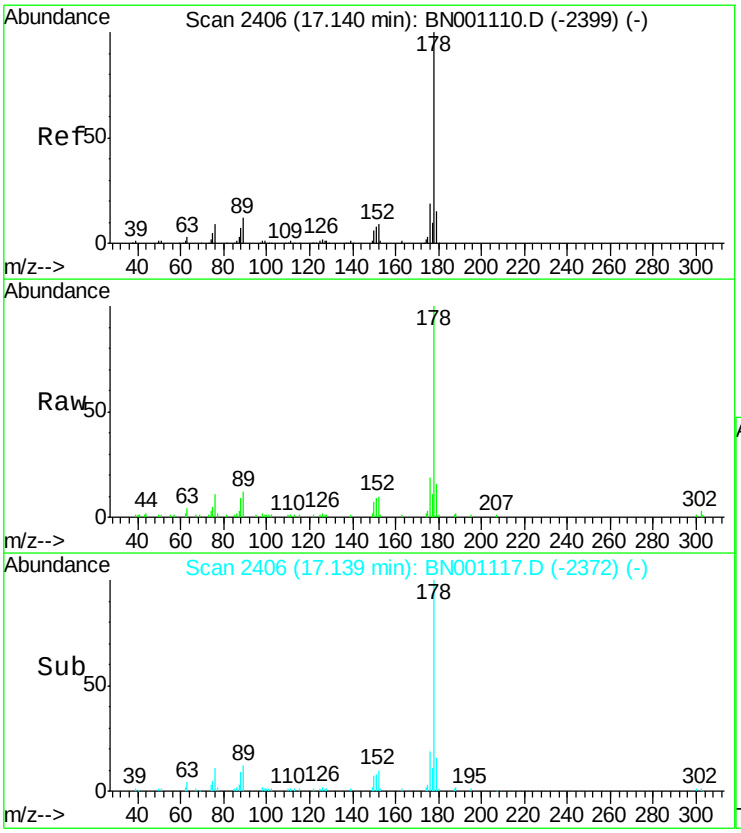
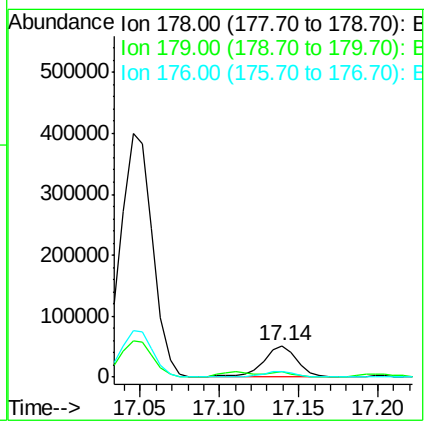
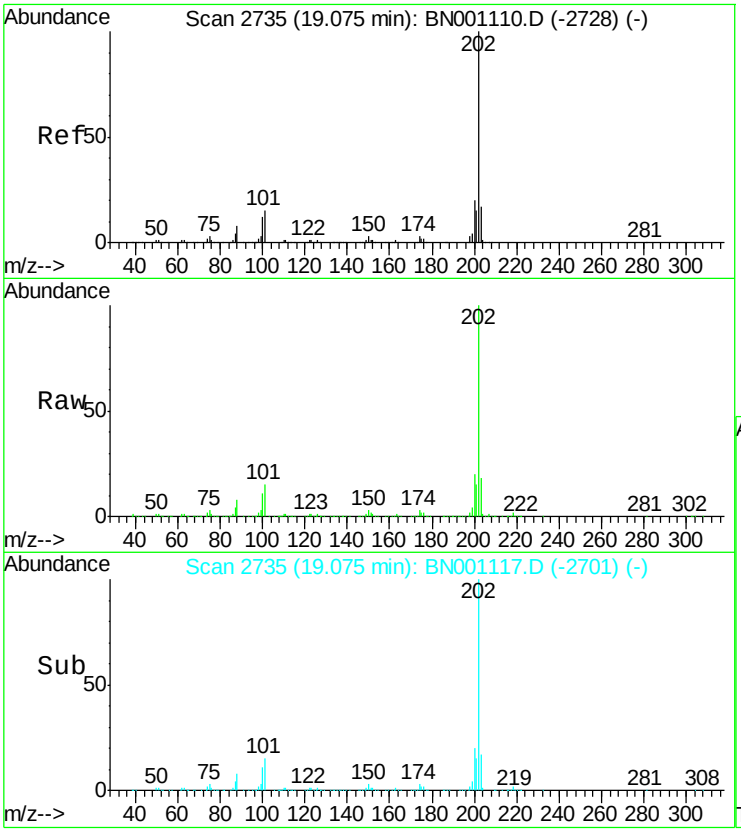


#15
Anthracene
Concen: 3.238 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:178 Resp: 75771

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.9	15.2	22.8

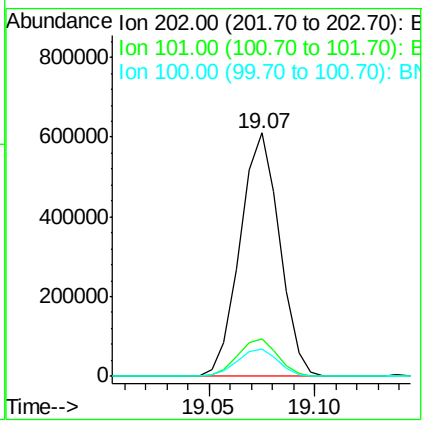




#16
Fluoranthene
Concen: 33.484 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:202 Resp: 792513

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.4	7.4	11.0#



Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations APPROVED
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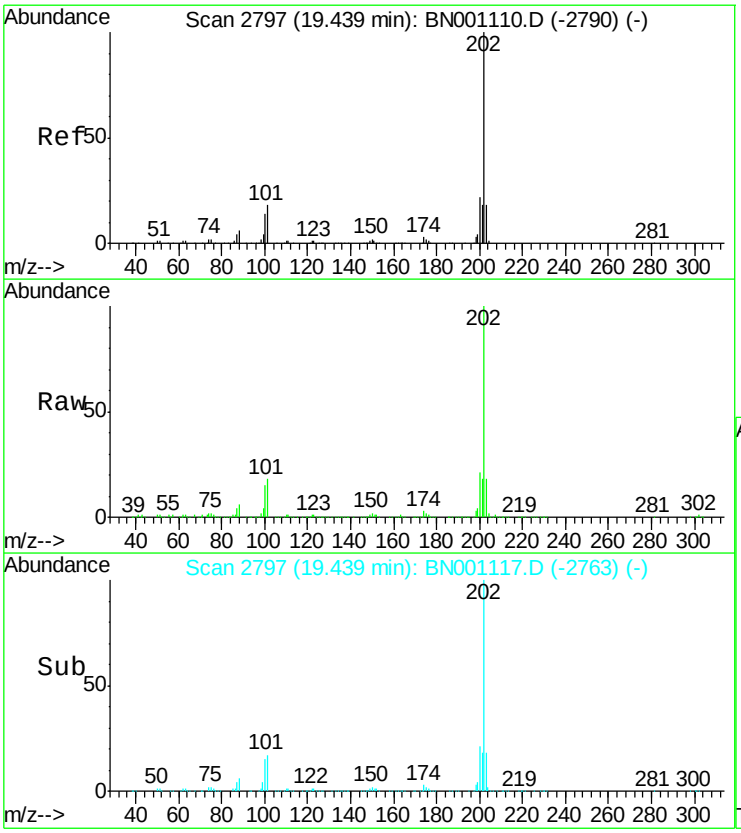
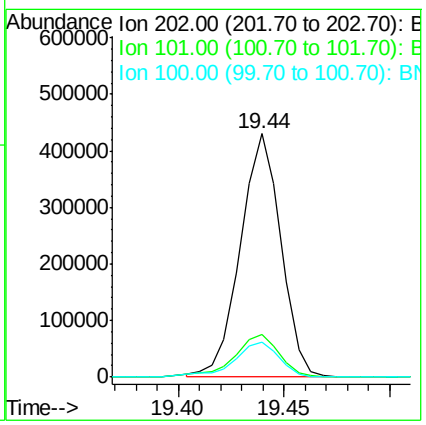
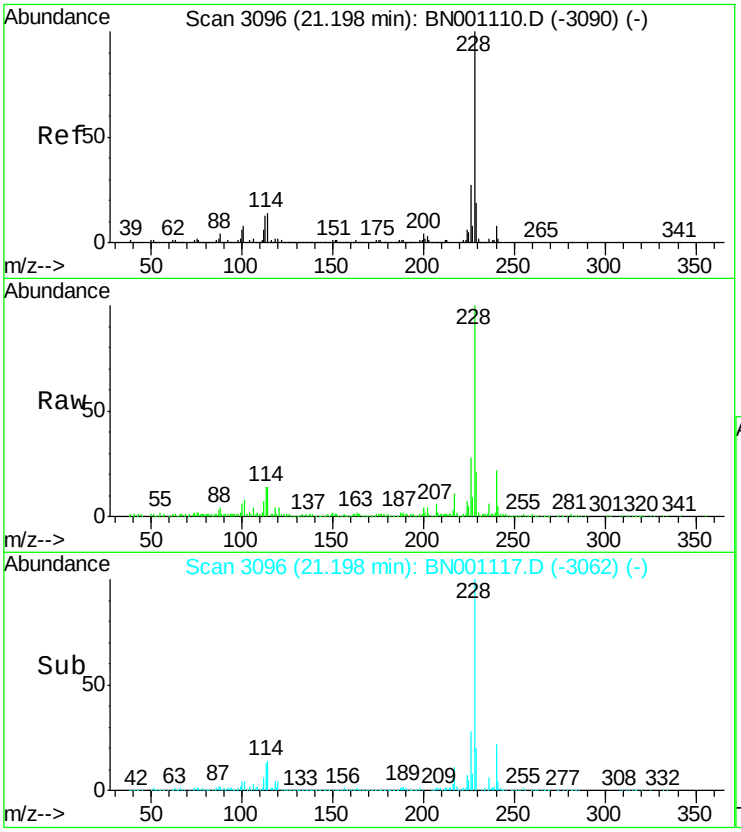


#19
Pyrene
Concen: 23.614 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:202 Resp: 567259

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.6	8.1	12.1#

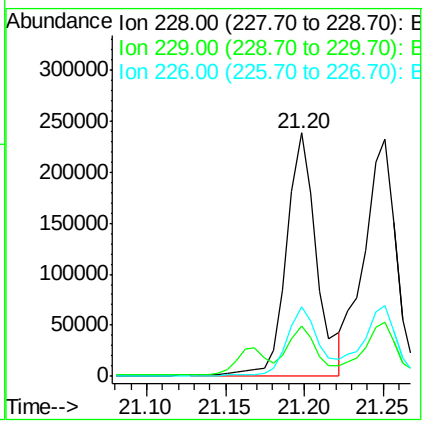




#20
Benzo(a)anthracene
Concen: 14.172 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:228 Resp: 316832

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.4	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations APPROVED
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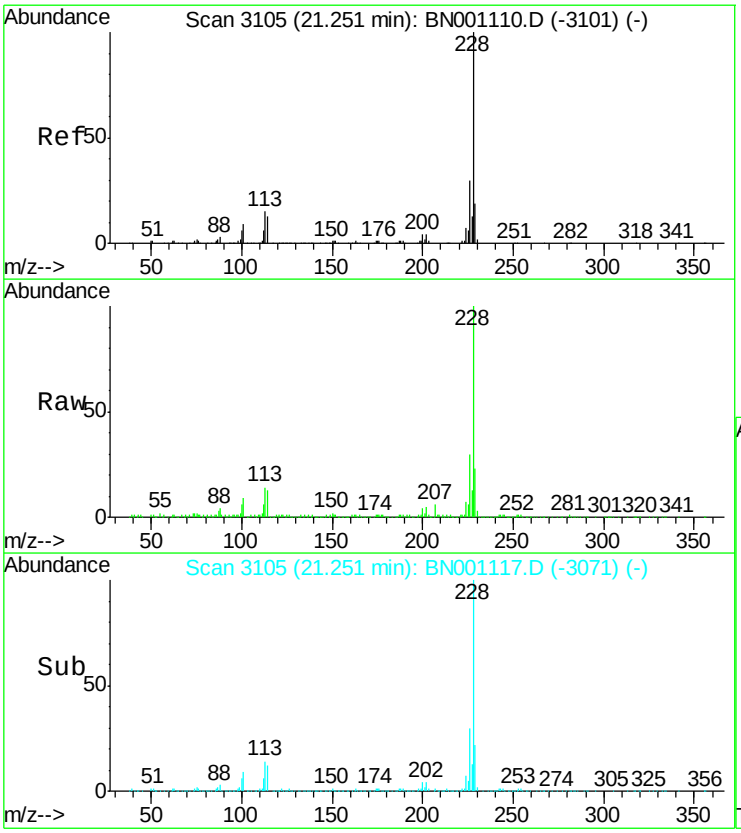
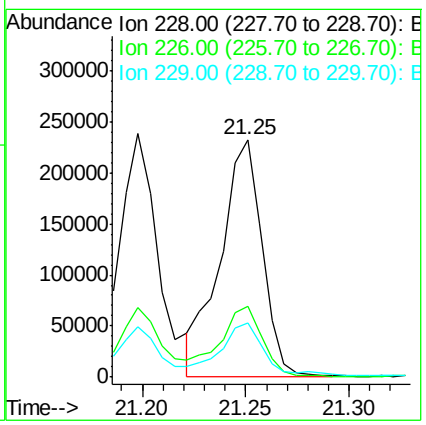
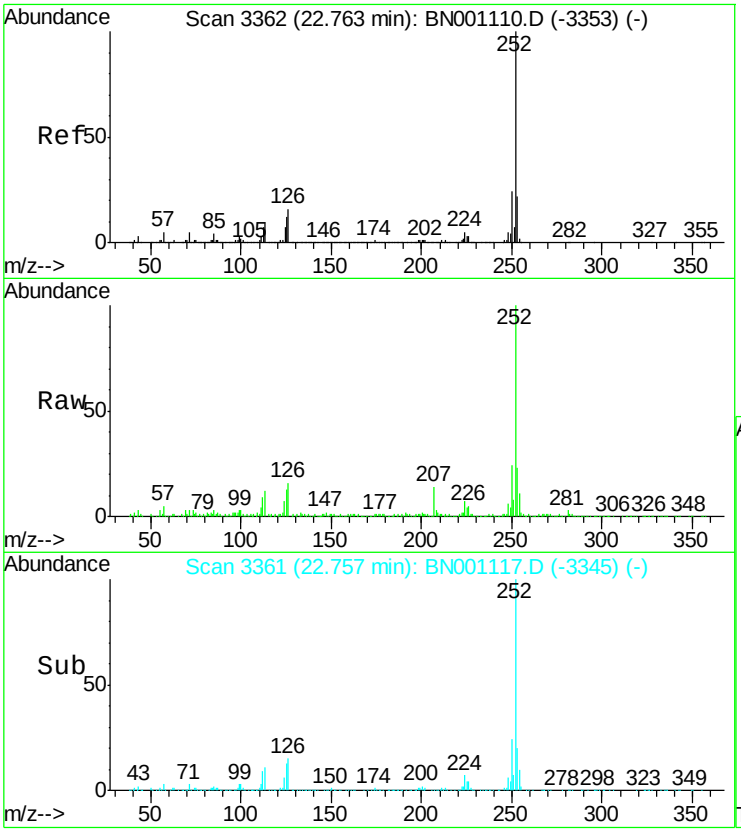


#21
Chrysene
Concen: 15.620 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:228 Resp: 328209

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.7	15.8	23.8

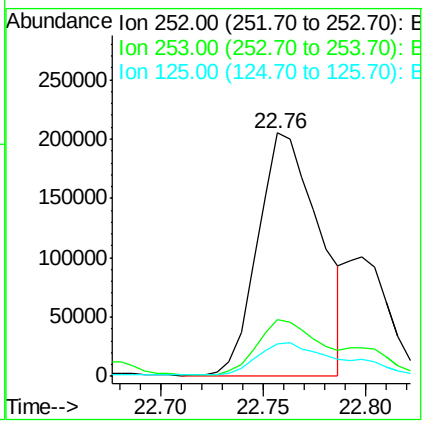




#23
Benzo(b)fluoranthene
Concen: 18.142 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:252 Resp: 427530

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.2	8.0	12.0#



Instrument :
BNA_N
ClientSampleId :
DASA1

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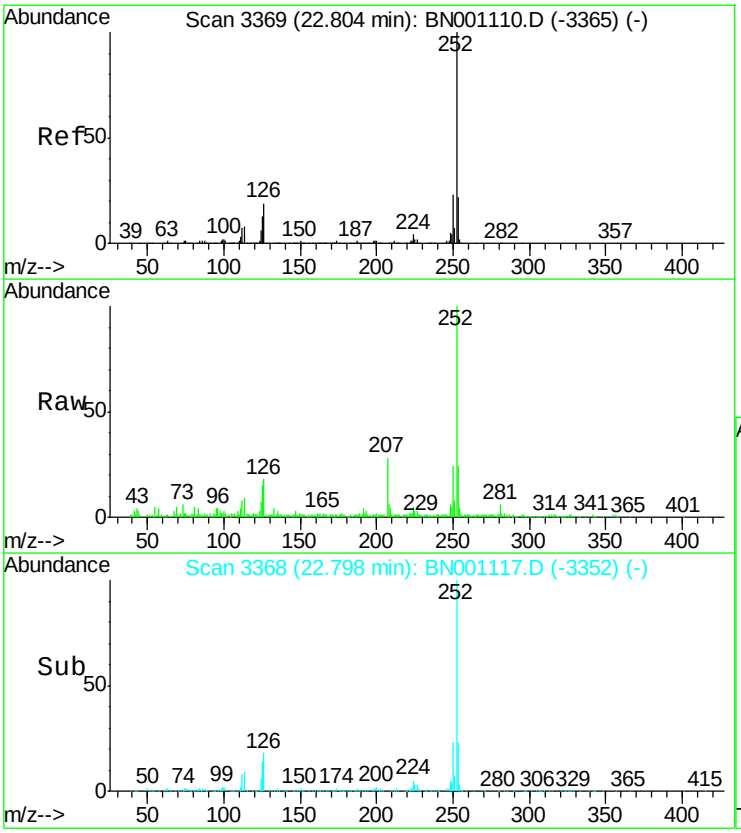
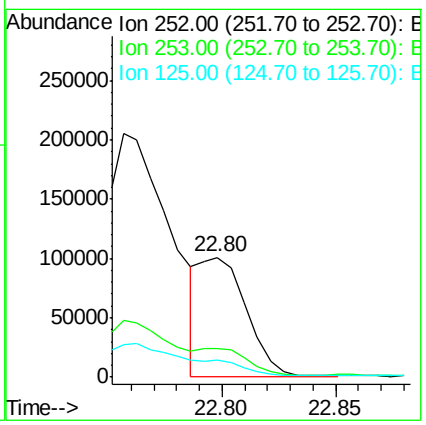
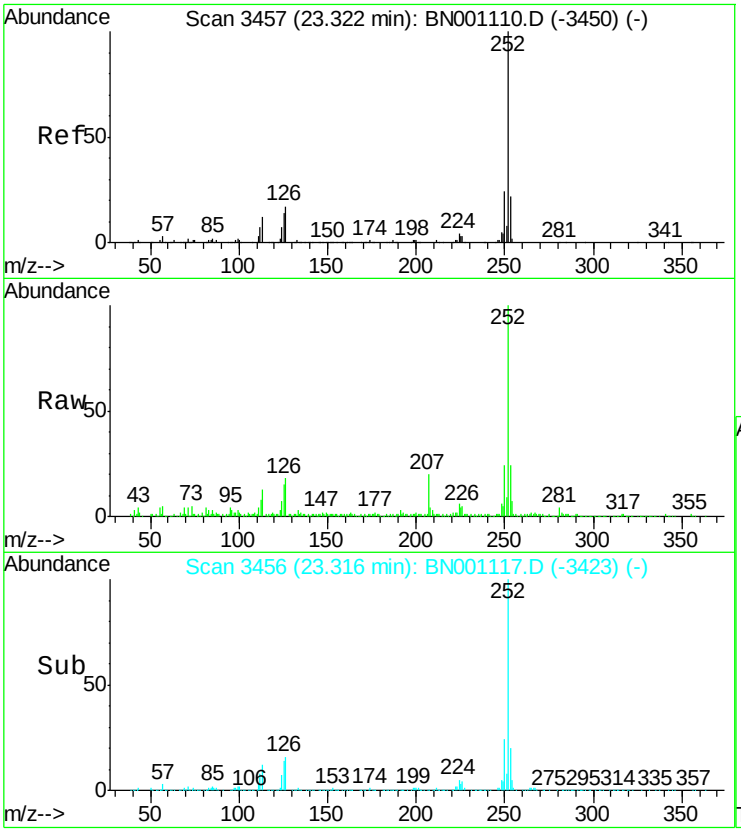


#24
Benzo(k)fluoranthene
Concen: 6.246 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:252 Resp: 144023

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	14.7	8.1	12.1#

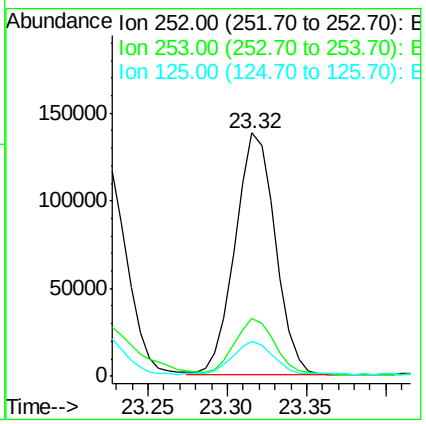




#26
Benzo(a)pyrene
Concen: 10.780 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:252 Resp: 242777

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	14.5	8.2	12.4#



Instrument :
BNA_N
ClientSampleId :
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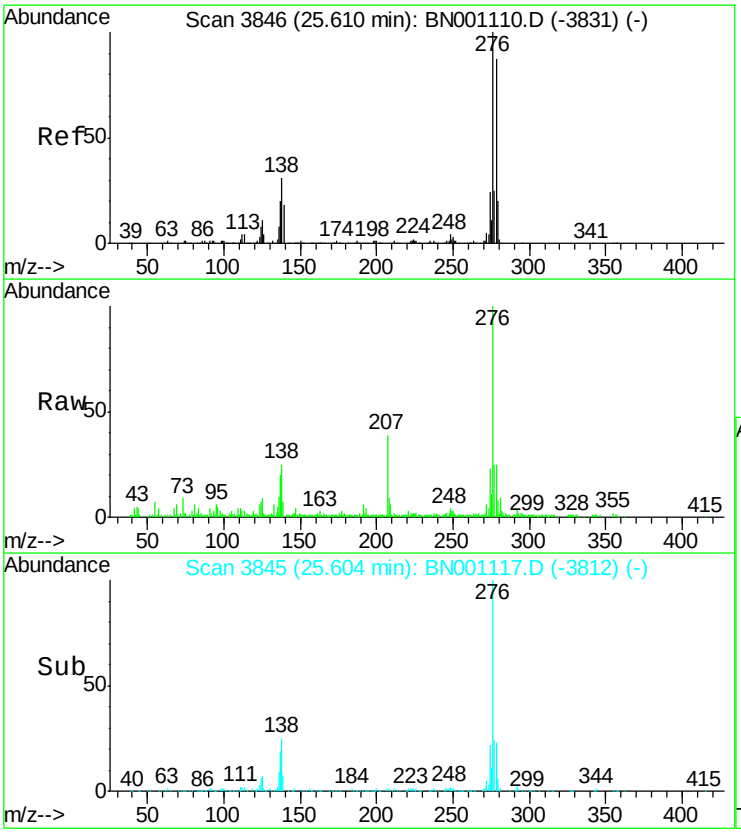
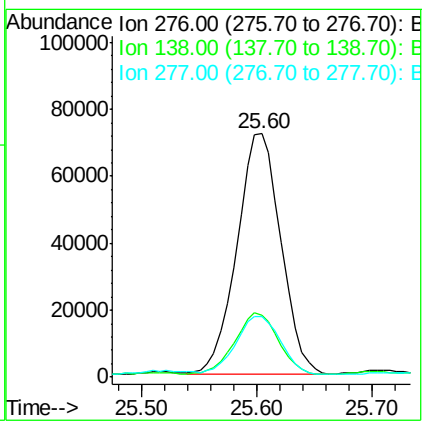
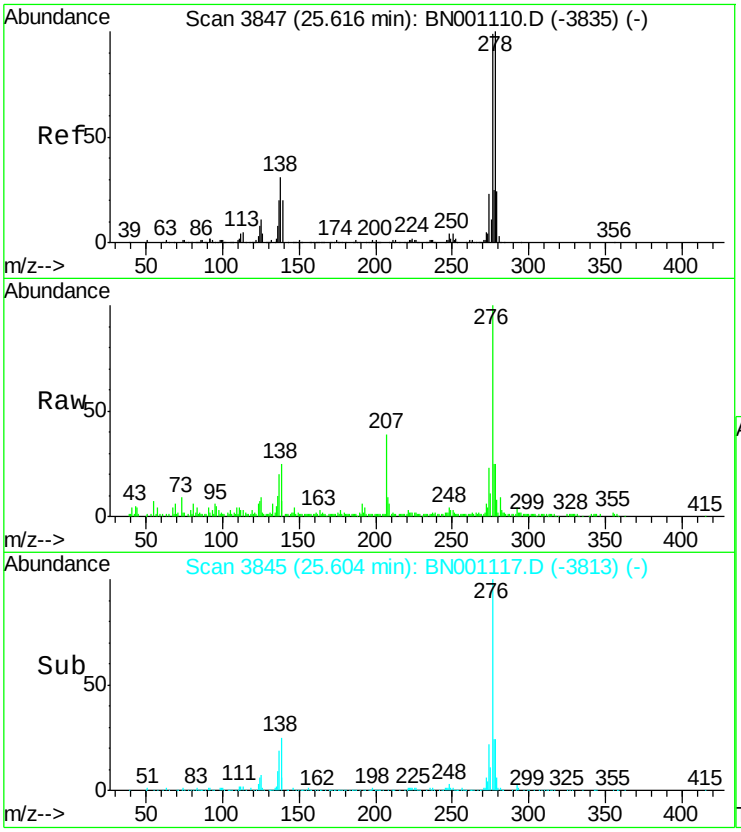


#27
Indeno(1,2,3-cd)pyrene
Concen: 7.000 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:276 Resp: 190424

Ion	Ratio	Lower	Upper
276	100		
138	25.3	14.4	21.6#
277	24.9	18.0	27.0





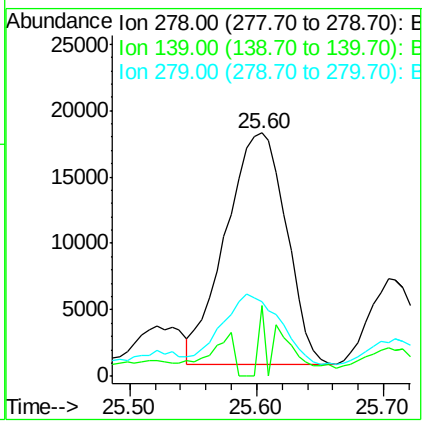
#28
Dibenzo(a,h)anthracene
Concen: 2.560 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

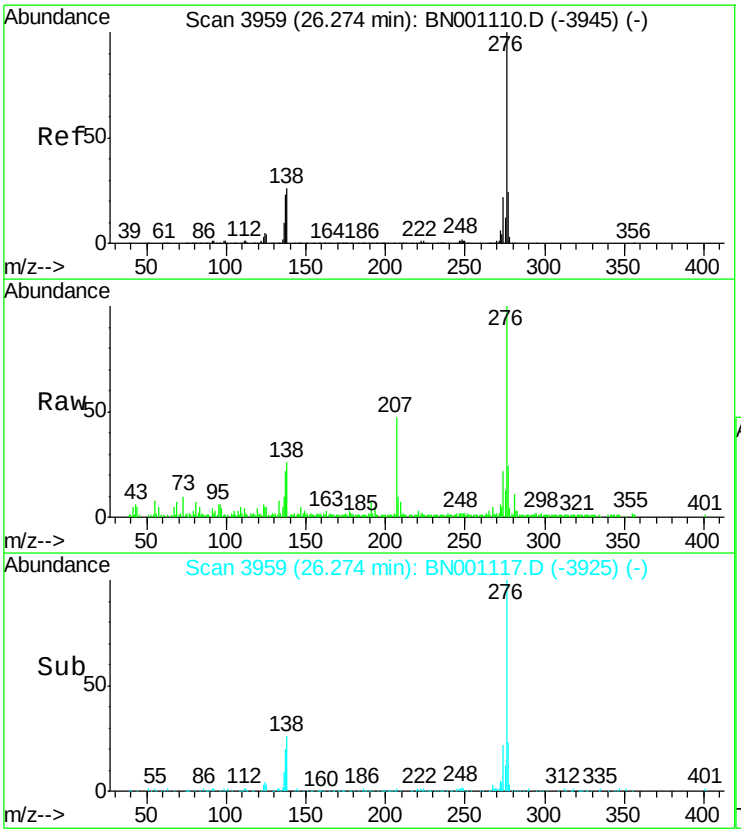
Tgt Ion:278 Resp: 58030

Ion	Ratio	Lower	Upper
278	100		
139	28.9	12.2	18.4#
279	30.9	19.2	28.8#

Instrument :
BNA_N
ClientSampleId :
DASA1

Manual Integrations APPROVED
Sohil
5/4/2018 1:33:39 PM





#29
Benzo(g,h,i)perylene
Concen: 7.851 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.00 min
Lab File: BN001117.D
Acq: 03 May 2018 20:56

Tgt Ion:276 Resp: 178625

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.3	22.9#
277	24.2	19.0	28.4