Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001109.D
Acq On : 03 May 2018 15:59
Operator : JU/SJ
Sample : J2633-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DASA4

Manual Integrations APPROVED
Sohil
5/4/2018 1:33:30 PM

Quant Time: May 04 07:59:46 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 07:31:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	93554	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	384851	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	190995	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	386644	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	384225	20.00	ng/ul	-0.01
22) Perylene-d12	23.41	264	403924	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	382384	20.85	ng/ul	0.00
10) Fluorene-d10	15.25	176	262087	21.41	ng/ul	0.00
14) Anthracene-d10	17.10	188	380863	21.54	ng/ul	0.00
18) Pyrene-d10	19.41	212	413213	20.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	450162	23.59	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	27091	1.285	ng/ul	98
16) Fluoranthene	19.07	202	56648	2.648	ng/ul	96
19) Pyrene	19.43	202	55384	2.244	ng/ul#	86
20) Benzo(a)anthracene	21.20	228	34009	1.481	ng/ul	95
21) Chrysene	21.25	228	38649m	1.790	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	64077m	2.791	ng/ul	
26) Benzo(a)pyrene	23.32	252	37680	1.718	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.60	276	28765	1.086	ng/ul#	83
29) Benzo(g,h,i)perylene	26.27	276	45039	2.032	ng/ul#	88

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

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Manual Integrations APPROVED
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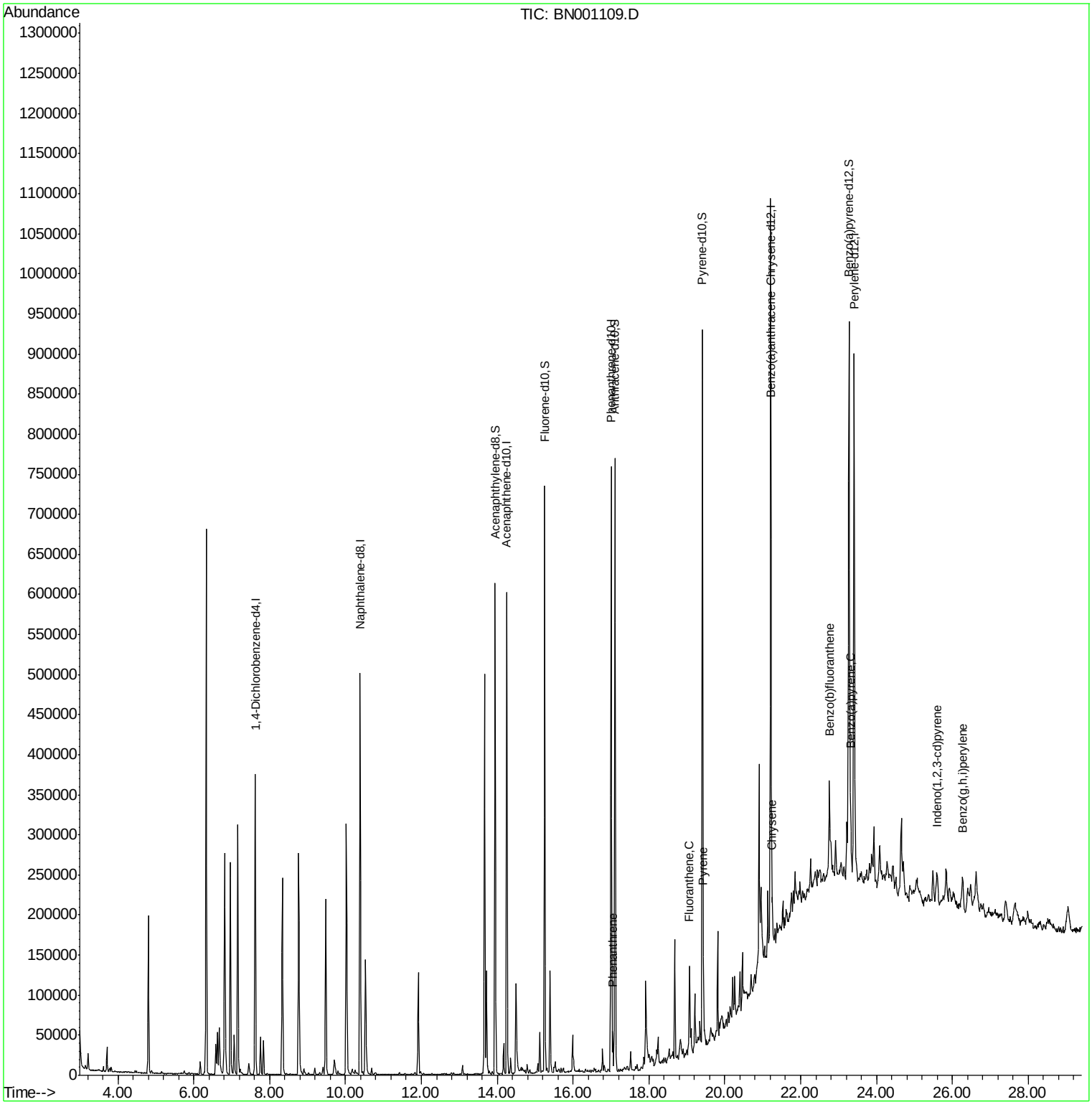
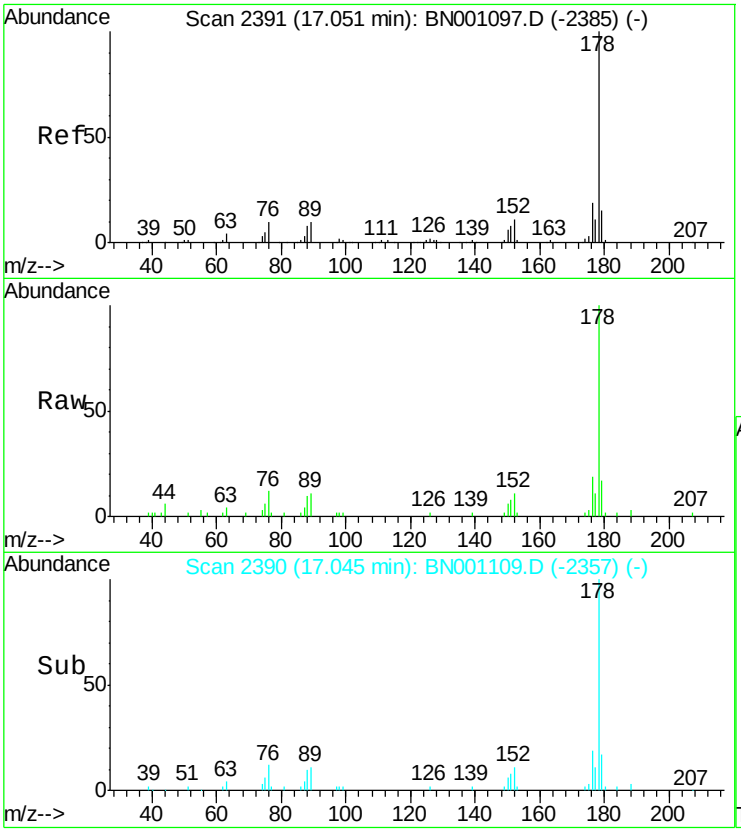
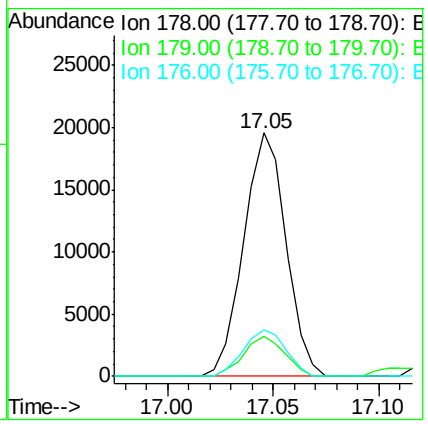




#13
Phenanthrene
Concen: 1.285 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:178 Resp: 27091

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	19.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DASA4

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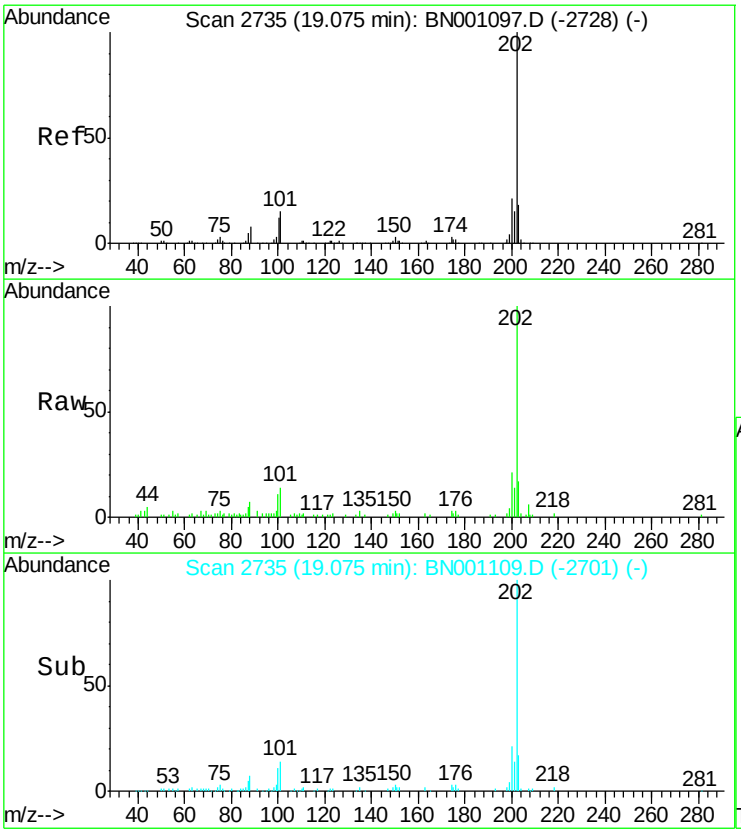
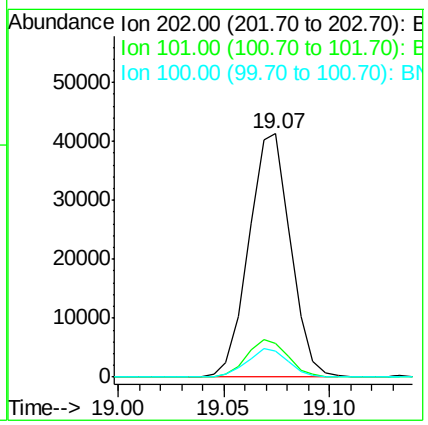
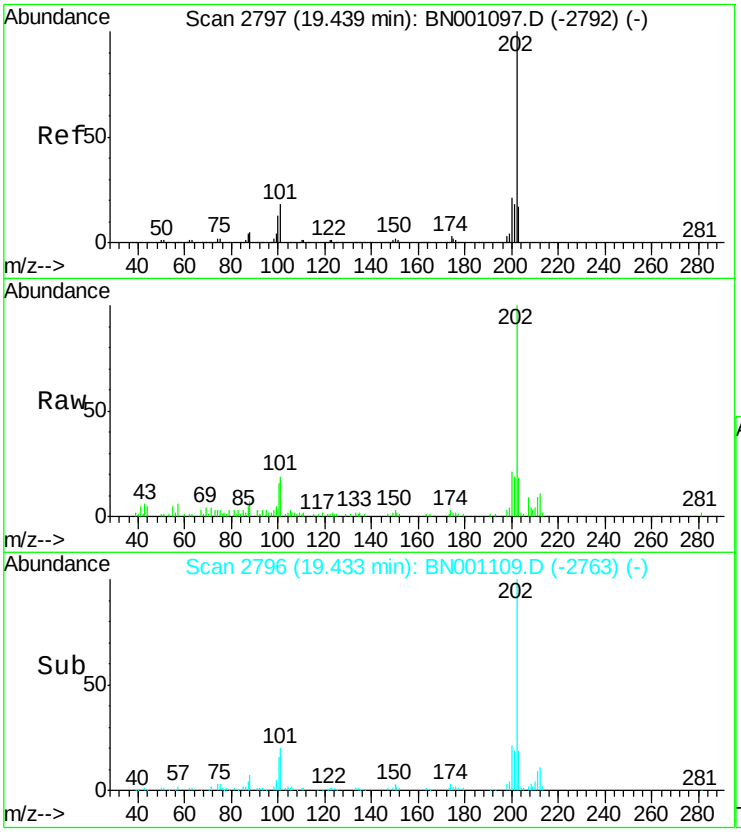


#16
Fluoranthene
Concen: 2.648 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:202 Resp: 56648

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.9	14.9
100	10.5	7.4	11.0





#19
Pyrene
Concen: 2.244 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:202 Resp: 55384

Ion	Ratio	Lower	Upper
202	100		
101	19.2	11.0	16.4#
100	15.6	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DASA4

Manual Integrations APPROVED
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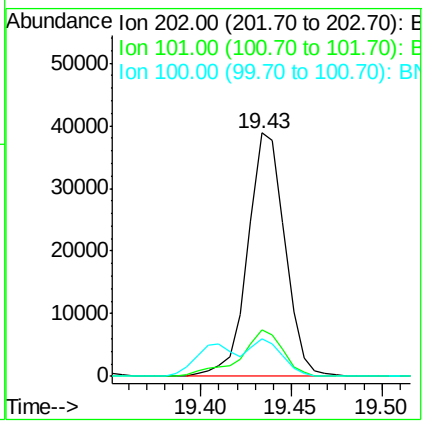
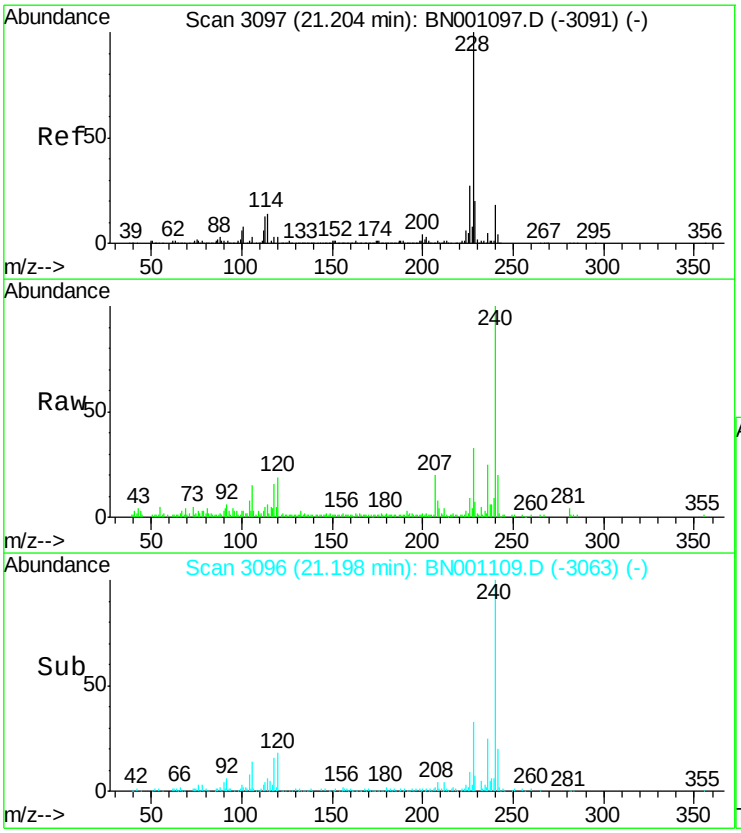
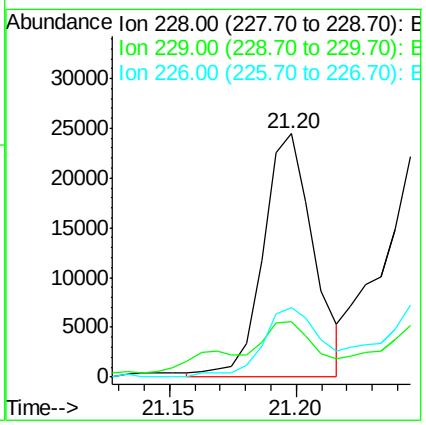


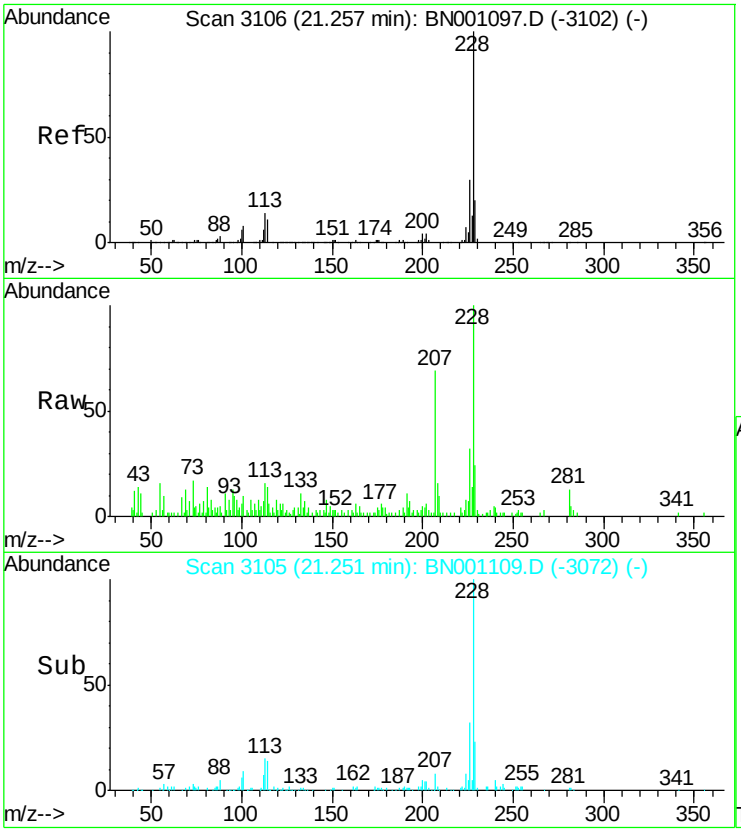


#20
Benzo(a)anthracene
Concen: 1.481 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:228 Resp: 34009

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	28.7	21.1	31.7





#21
Chrysene
Concen: 1.790 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:228 Resp: 38649

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	24.0	15.8	23.8#

Instrument :
BNA_N
ClientSampleId :
DASA4

Manual Integrations APPROVED
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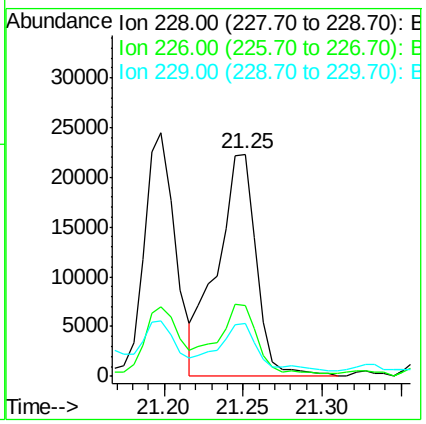
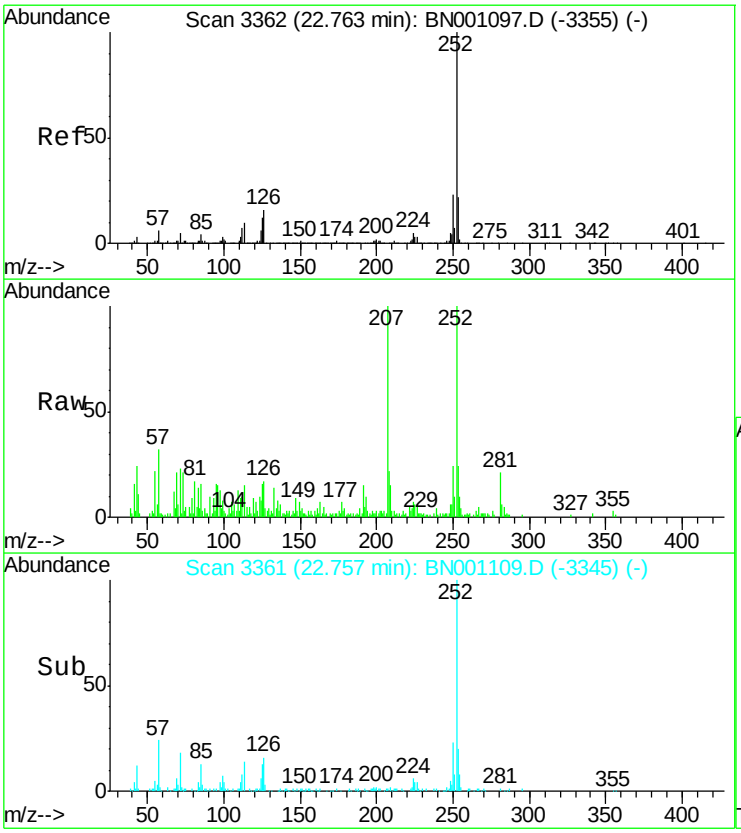
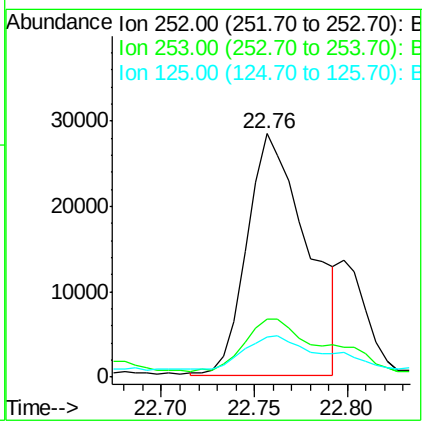


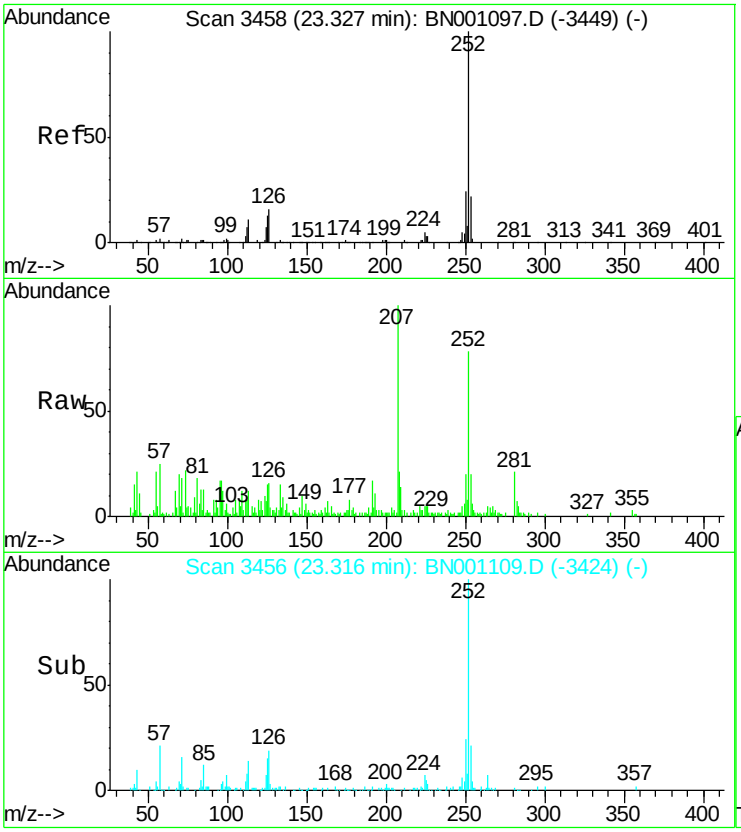


#23
Benzo(b)fluoranthene
Concen: 2.791 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:252 Resp: 64077

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	16.4	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 1.718 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:252 Resp: 37680

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	18.9	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
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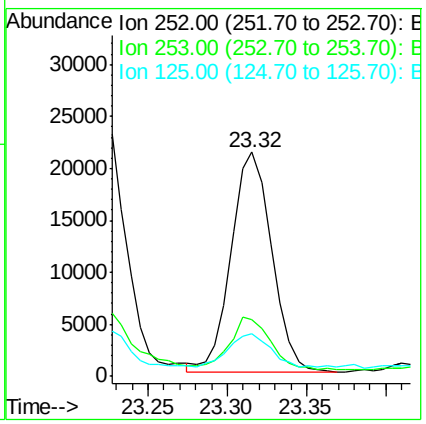
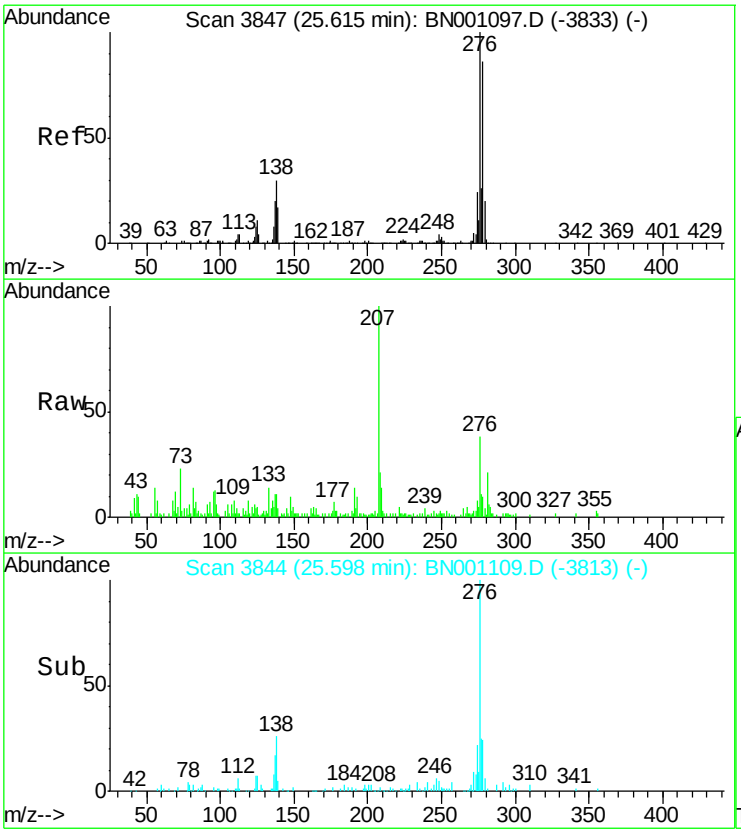
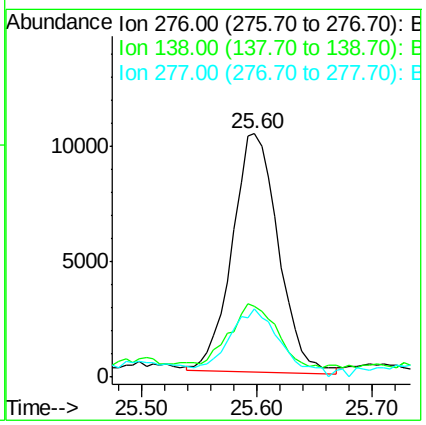


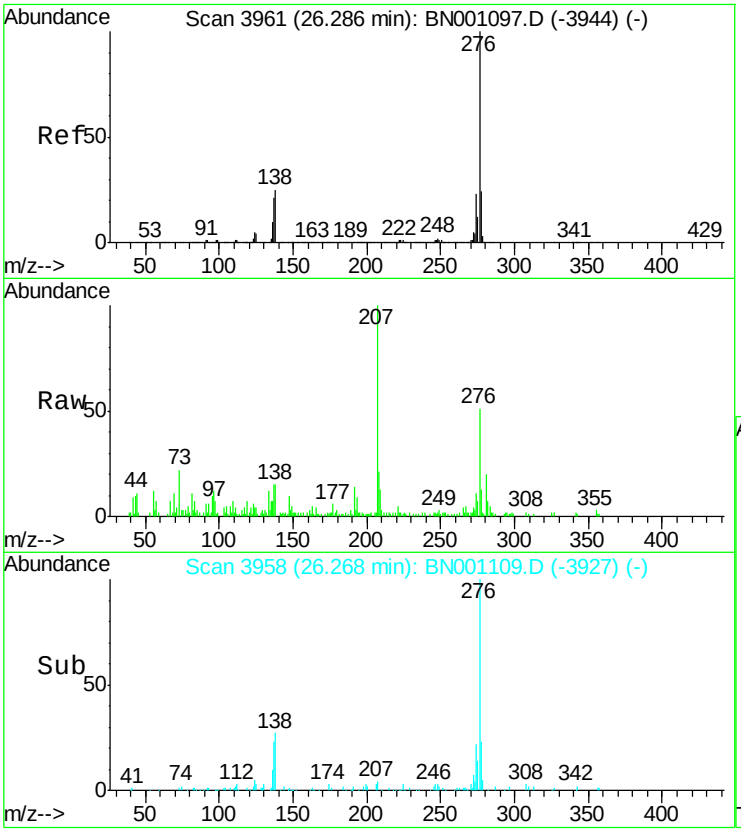


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.086 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:276 Resp: 28765

Ion	Ratio	Lower	Upper
276	100		
138	29.1	14.4	21.6#
277	27.9	18.0	27.0#

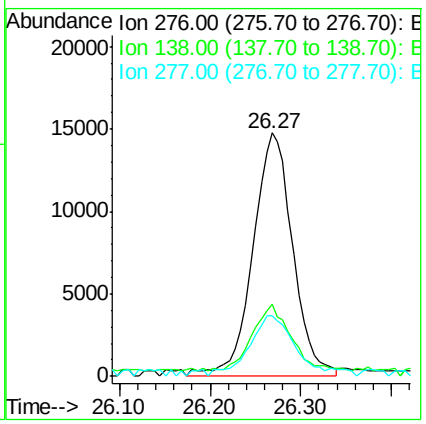




#29
Benzo(g,h,i)perylene
Concen: 2.032 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BN001109.D
Acq: 03 May 2018 15:59

Tgt Ion:276 Resp: 45039

Ion	Ratio	Lower	Upper
276	100		
138	29.7	15.3	22.9#
277	24.7	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DASA4

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