Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000333.D
Acq On : 13 Mar 2018 04:09
Operator : JU/SJ
Sample : J1843-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM85

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:24 PM

Quant Time: Mar 13 13:53:04 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	449125	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1990737	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	1033496	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	2094468	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1771008	20.00	ng/ul	0.01
22) Perylene-d12	24.39	264	1499188	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	3442442	33.56	ng/ul	0.00
10) Fluorene-d10	16.05	176	2230148	32.11	ng/ul	0.00
14) Anthracene-d10	17.89	188	3244696	33.16	ng/ul	0.01
18) Pyrene-d10	20.14	212	3371624	38.91	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.23	264	2338226	34.15	ng/ul	0.02
Target Compounds						Qvalue
8) Acenaphthylene	14.79	152	114318	1.109	ng/ul	98
13) Phenanthrene	17.83	178	124151	1.034	ng/ul	100
16) Fluoranthene	19.80	202	336408	2.592	ng/ul#	95
19) Pyrene	20.16	202	302293	2.704	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	173745	1.578	ng/ul	93
21) Chrysene	21.94	228	206271	1.974	ng/ul	95
23) Benzo(b)fluoranthene	23.63	252	266603m	2.982	ng/ul	
26) Benzo(a)pyrene	24.28	252	154270	1.813	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.94	276	135616	1.478	ng/ul#	79
29) Benzo(g,h,i)perylene	27.74	276	153985	2.010	ng/ul#	85

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

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Operator : JU/SJ
Sample : J1843-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 13 13:53:04 2018
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Instrument :
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ClientSampleId :
DAM85

Manual Integrations APPROVED
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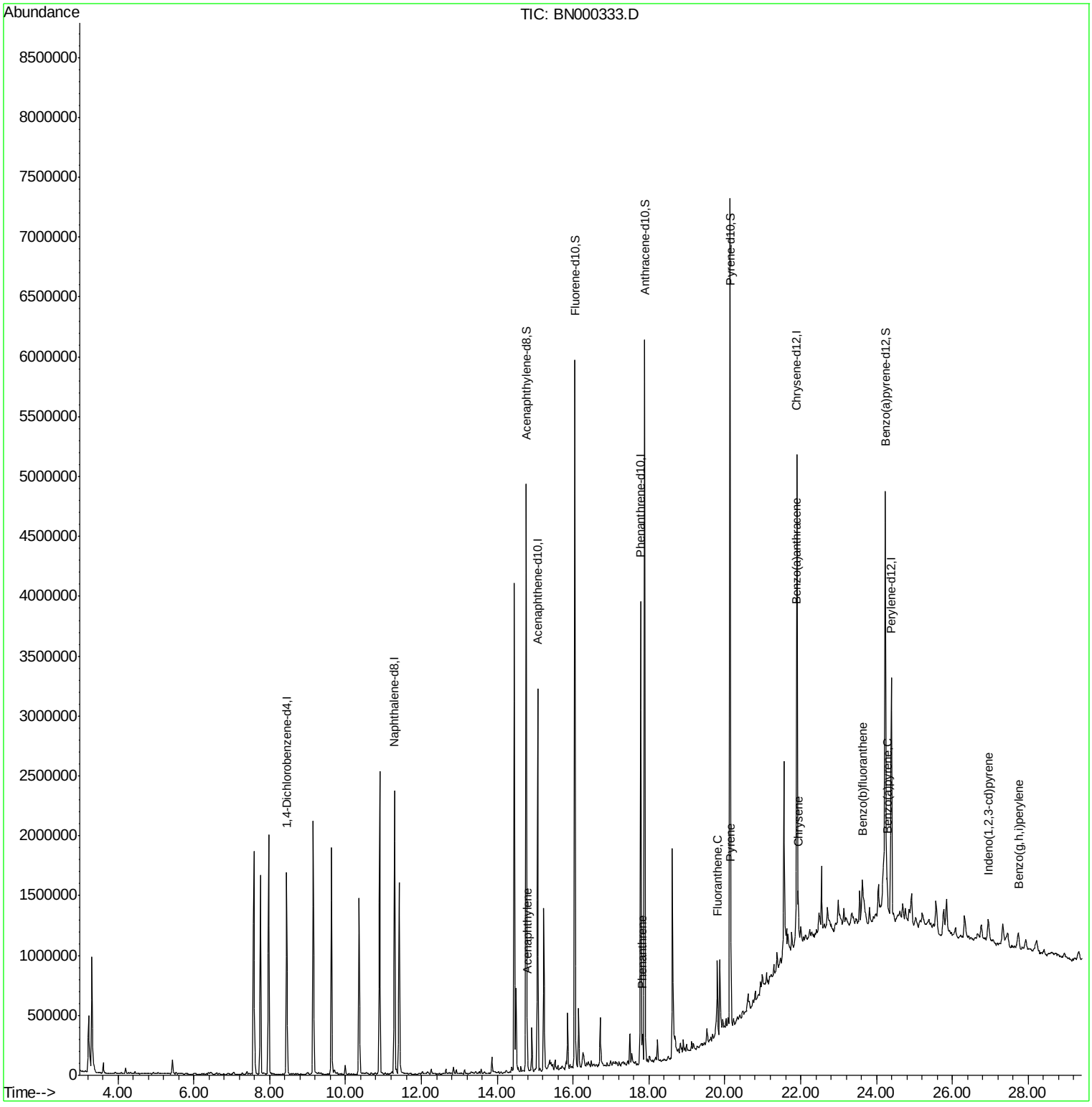
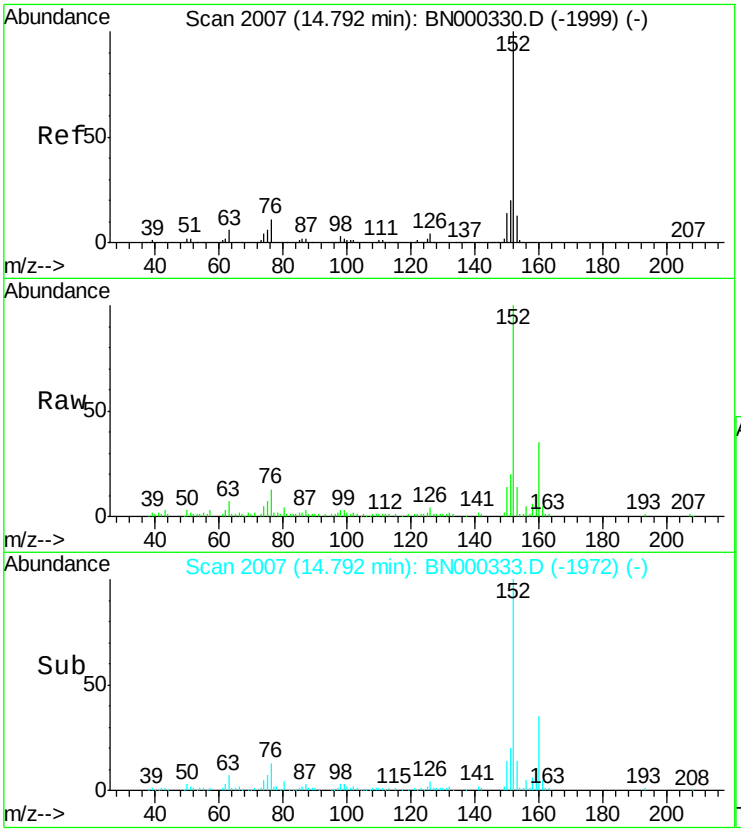
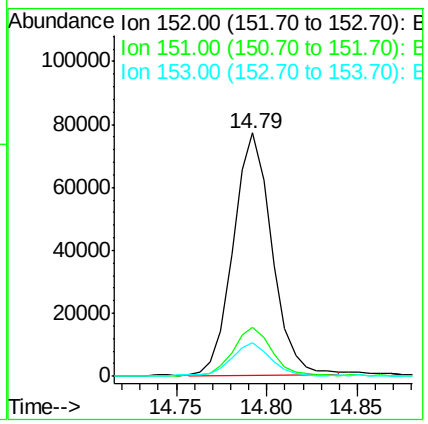




#8
Acenaphthylene
Concen: 1.109 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:152 Resp: 114318

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	13.8	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAM85

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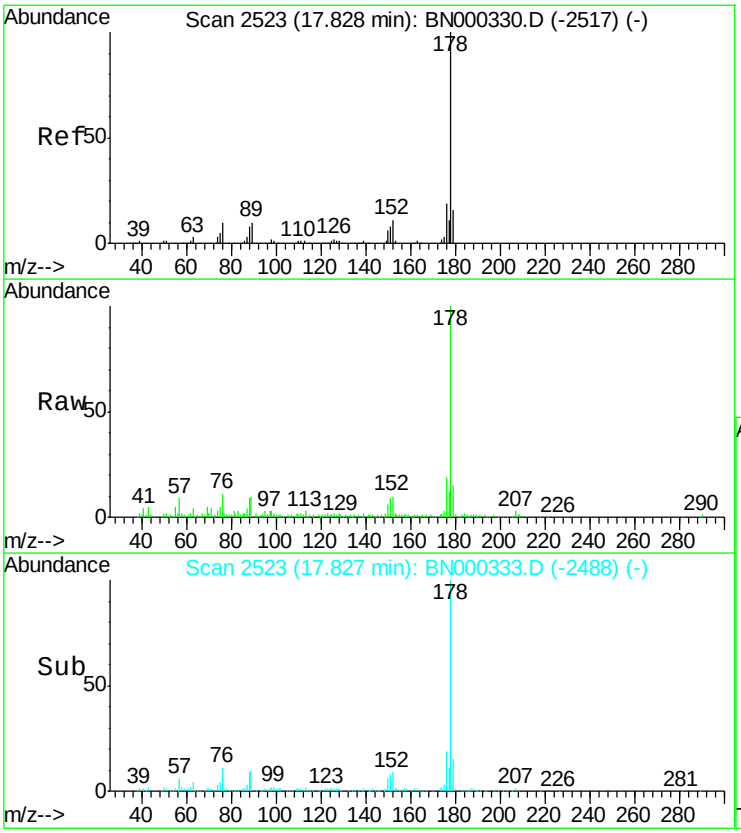
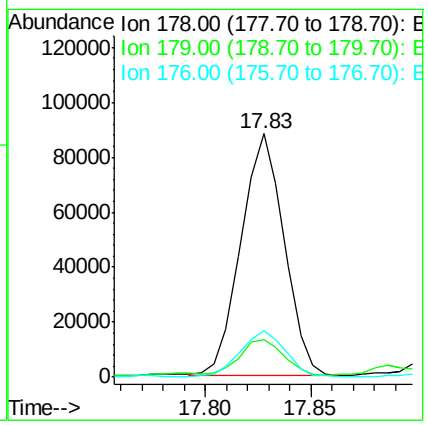
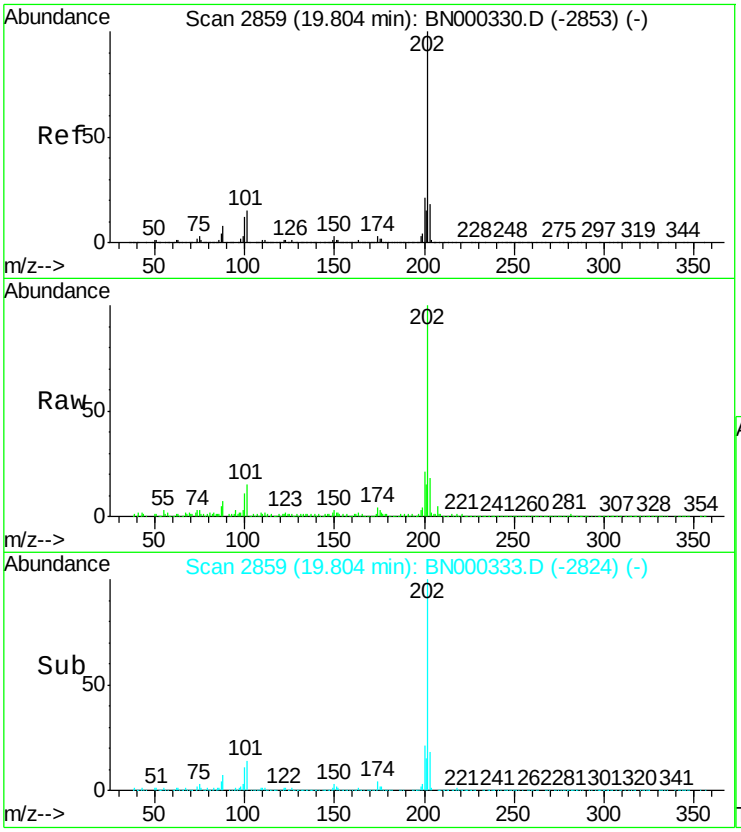


#13
Phenanthrene
Concen: 1.034 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:178 Resp: 124151

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.1	22.7

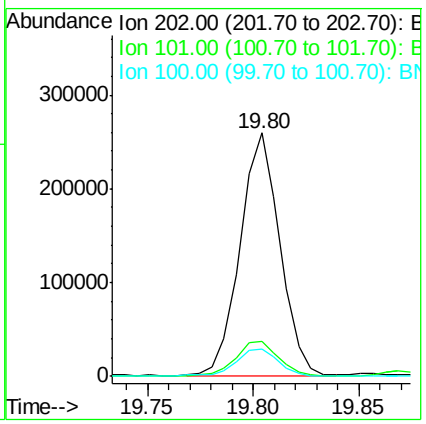




#16
Fluoranthene
Concen: 2.592 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:202 Resp: 336408

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.9	14.9
100	11.1	7.4	11.0#



Instrument :
BNA_N
ClientSampleId :
DAM85

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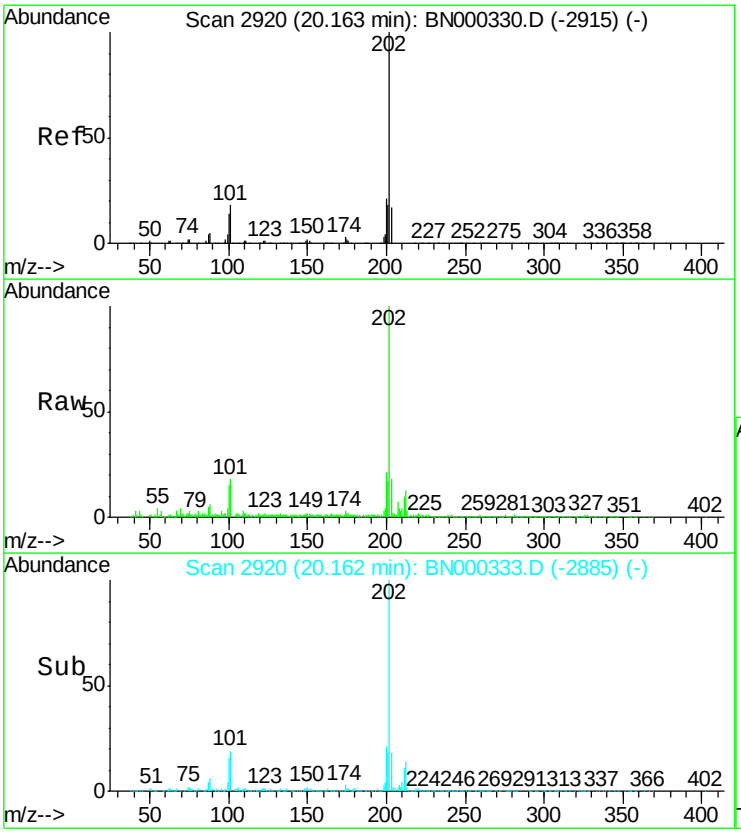
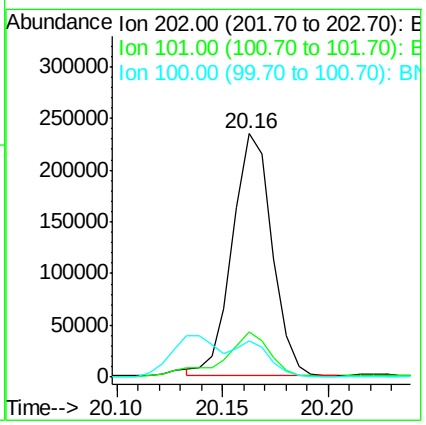
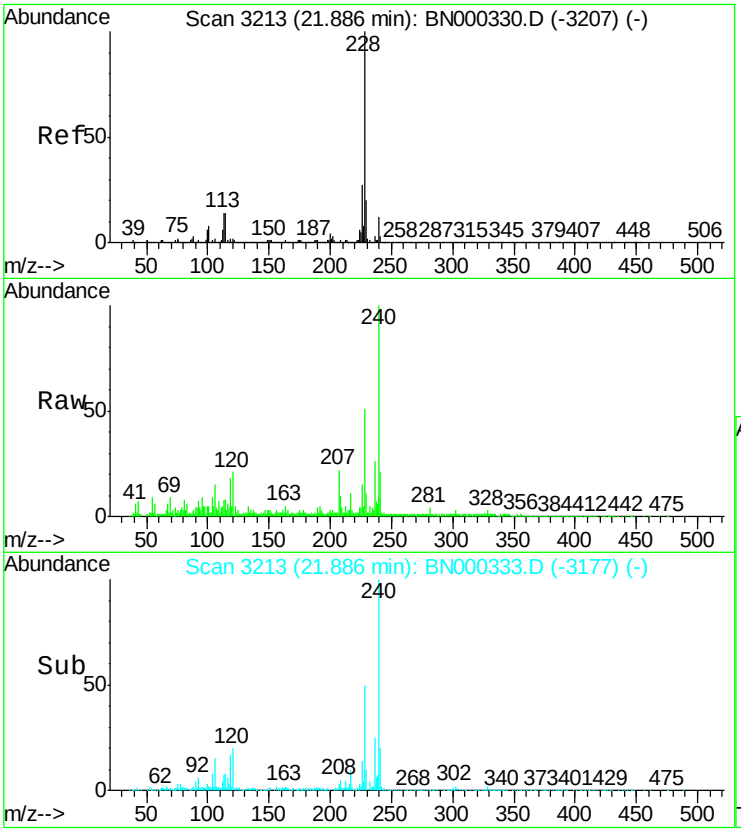


#19
Pyrene
Concen: 2.704 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:202 Resp: 302293

Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	14.9	8.1	12.1#

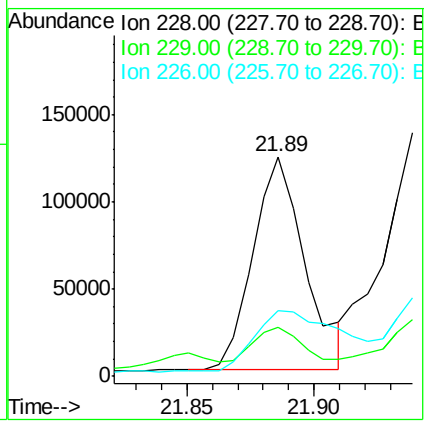




#20
Benzo(a)anthracene
Concen: 1.578 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:228 Resp: 173745

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.7	23.5
226	30.2	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DAM85

Manual Integrations APPROVED
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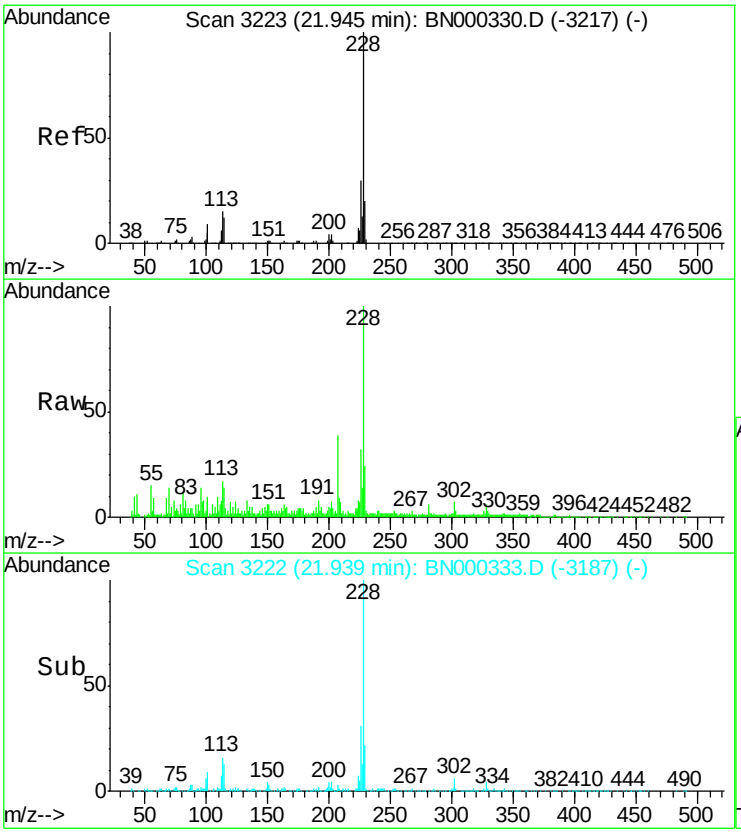
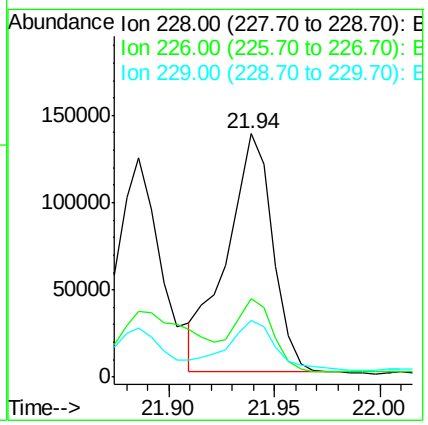
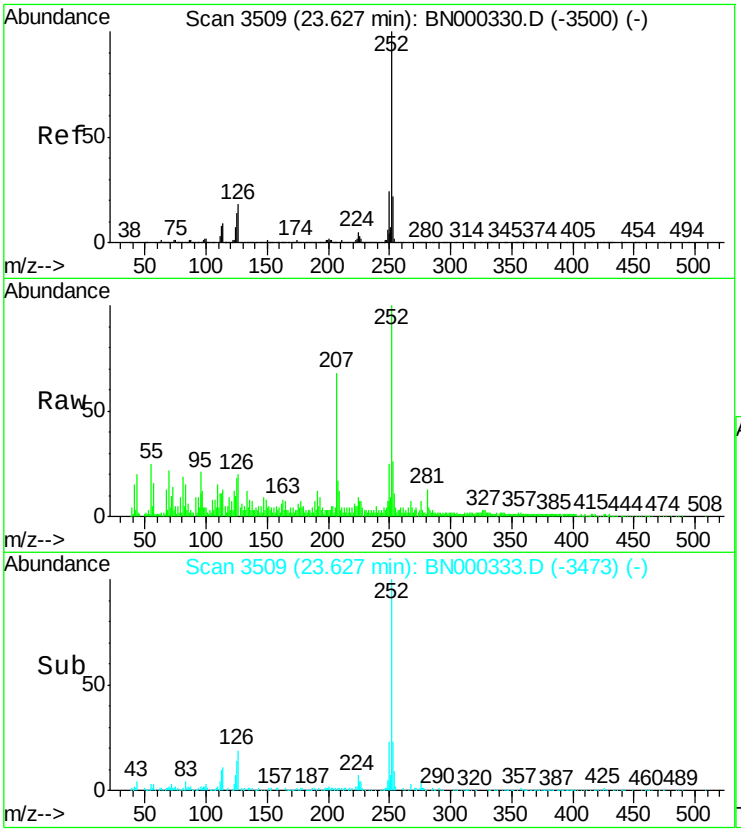


#21
Chrysene
Concen: 1.974 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:228 Resp: 206271

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.5	36.7
229	23.5	15.8	23.8

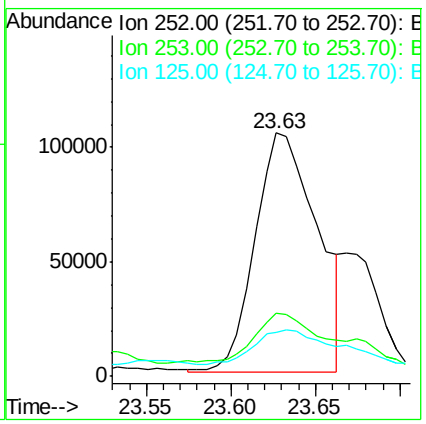




#23
Benzo(b)fluoranthene
Concen: 2.982 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. 0.01 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:252 Resp: 266603

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	18.2	8.0	12.0#



Instrument :
BNA_N
ClientSampleId :
DAM85

Manual Integrations APPROVED
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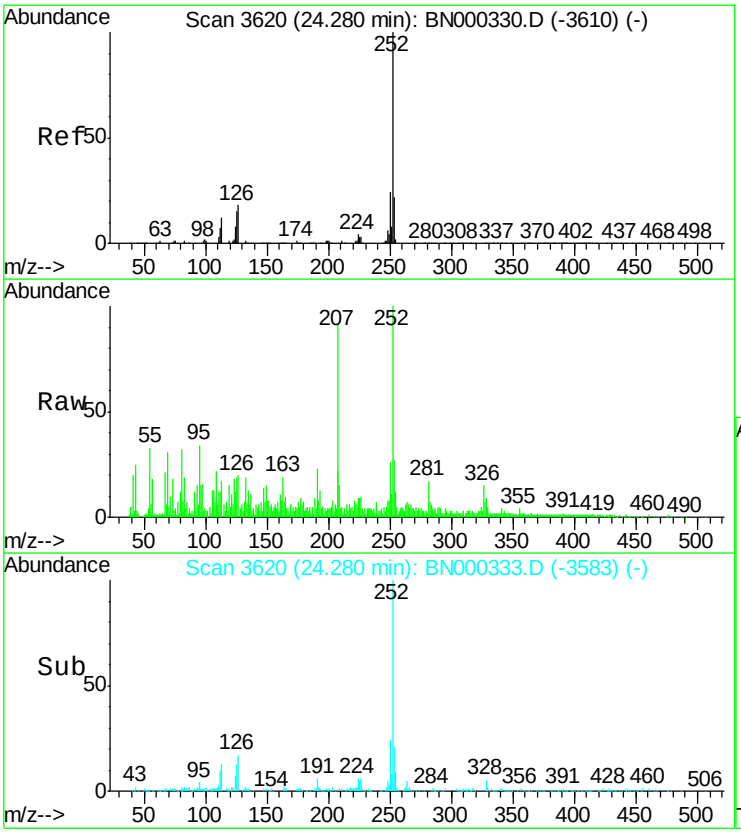
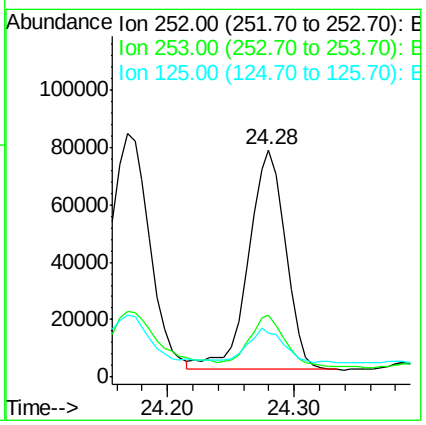
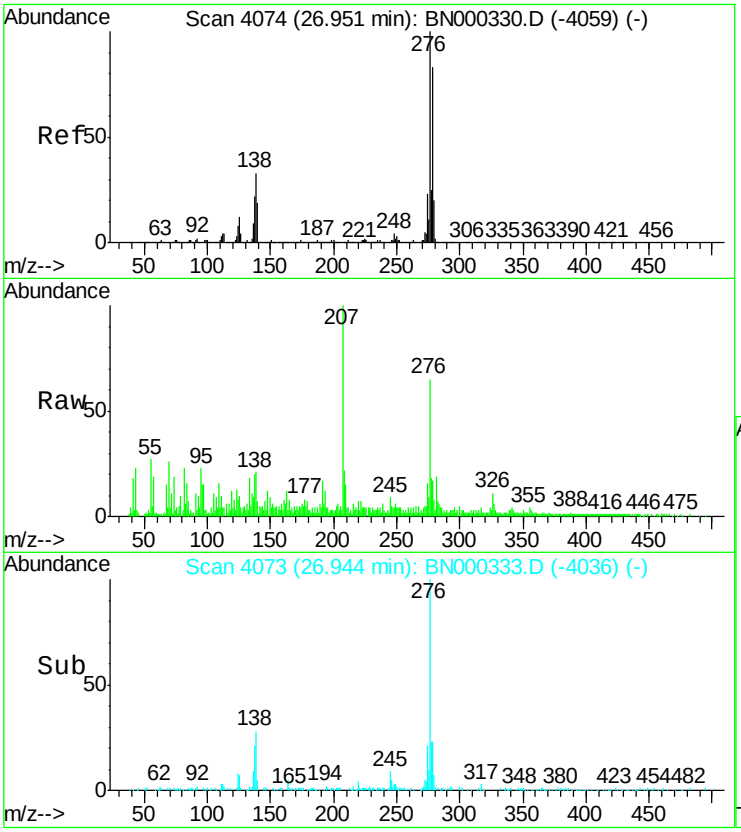


#26
Benzo(a)pyrene
Concen: 1.813 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:252 Resp: 154270

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8#
125	19.1	8.2	12.4#

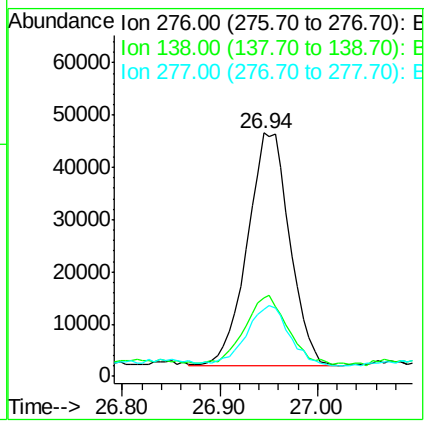




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.478 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. 0.02 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

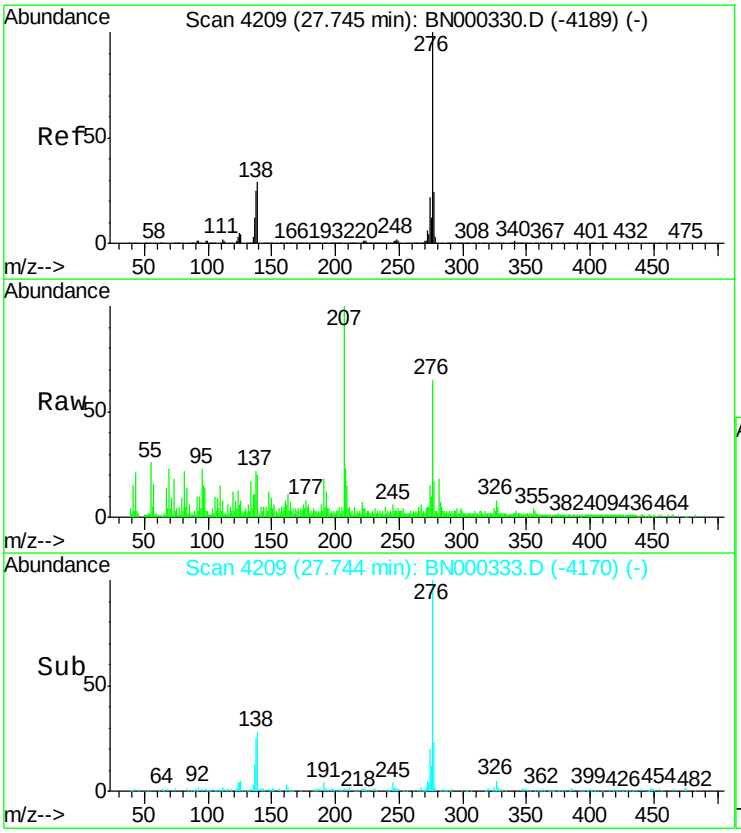
Tgt Ion:276 Resp: 135616

Ion	Ratio	Lower	Upper
276	100		
138	32.4	14.4	21.6#
277	27.7	18.0	27.0#



Instrument :
BNA_N
ClientSampleId :
DAM85

Manual Integrations APPROVED
Sohil
3/13/2018 5:33:24 PM



#29
Benzo(g,h,i)perylene
Concen: 2.010 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. 0.03 min
Lab File: BN000333.D
Acq: 13 Mar 2018 04:09

Tgt Ion:276 Resp: 153985

Ion	Ratio	Lower	Upper
276	100		
138	31.4	15.3	22.9#
277	26.4	19.0	28.4