Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000355.D
Acq On : 13 Mar 2018 18:43
Operator : JU/SJ
Sample : J1845-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM95

Manual Integrations APPROVED
Sohil
3/14/2018 5:46:13 PM

Quant Time: Mar 14 08:27:45 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	210588	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1007554	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	560190	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1244437	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1213250	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1105658	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1579747	28.41	ng/ul	0.00
10) Fluorene-d10	16.05	176	1043165	27.71	ng/ul	0.00
14) Anthracene-d10	17.88	188	1659802	28.55	ng/ul	0.00
18) Pyrene-d10	20.13	212	1847966	31.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1459621	28.91	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	133914	1.876	ng/ul	100
16) Fluoranthene	19.80	202	335970	4.357	ng/ul#	94
19) Pyrene	20.16	202	294732	3.848	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	162269	2.151	ng/ul	98
21) Chrysene	21.94	228	153079m	2.139	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	208305m	3.159	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	62685m	1.016	ng/ul	
26) Benzo(a)pyrene	24.28	252	131413	2.094	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.94	276	90497	1.338	ng/ul#	84
29) Benzo(g,h,i)perylene	27.74	276	99949	1.769	ng/ul#	85

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

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ClientSampleId :
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Manual Integrations APPROVED
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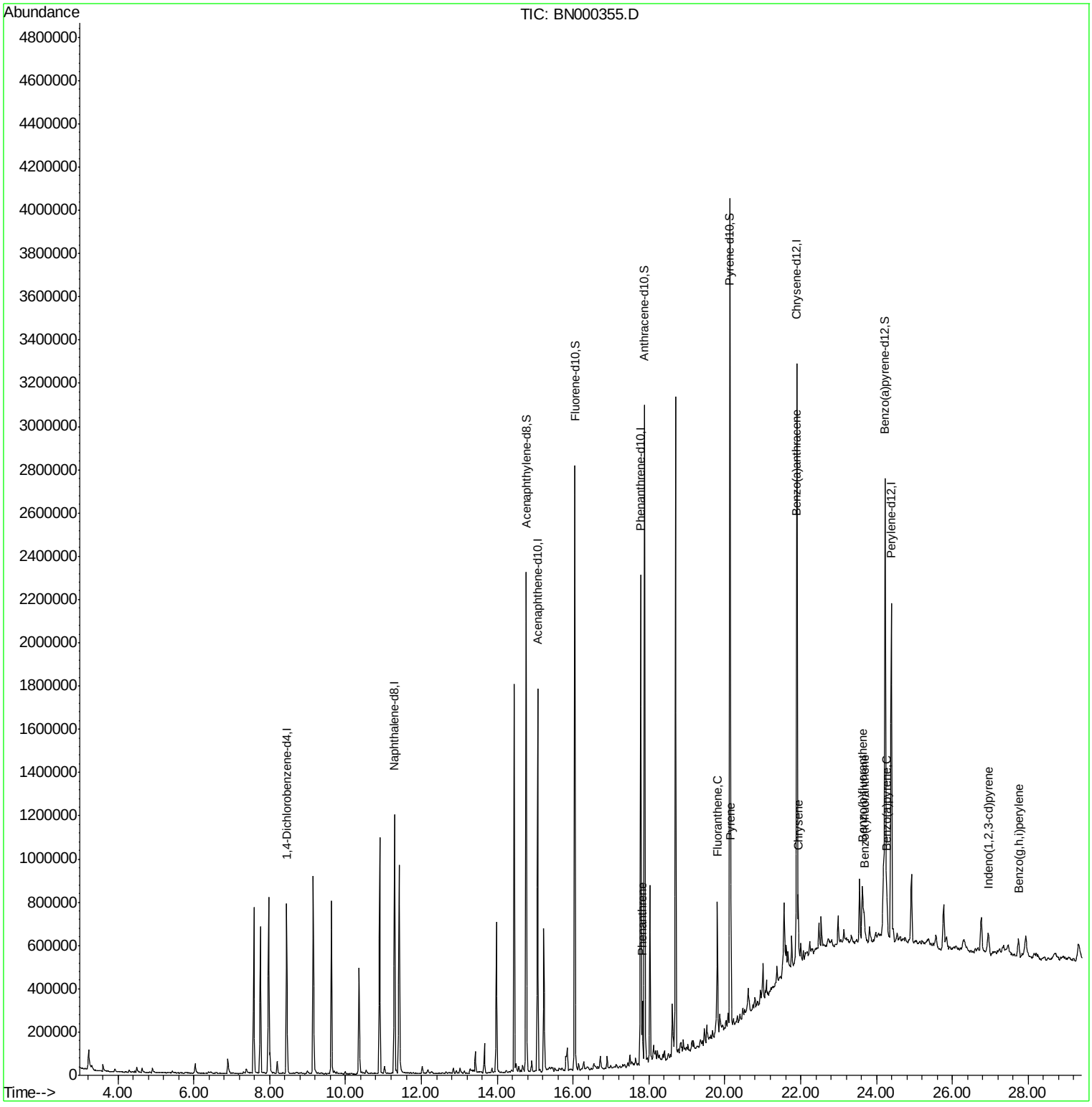
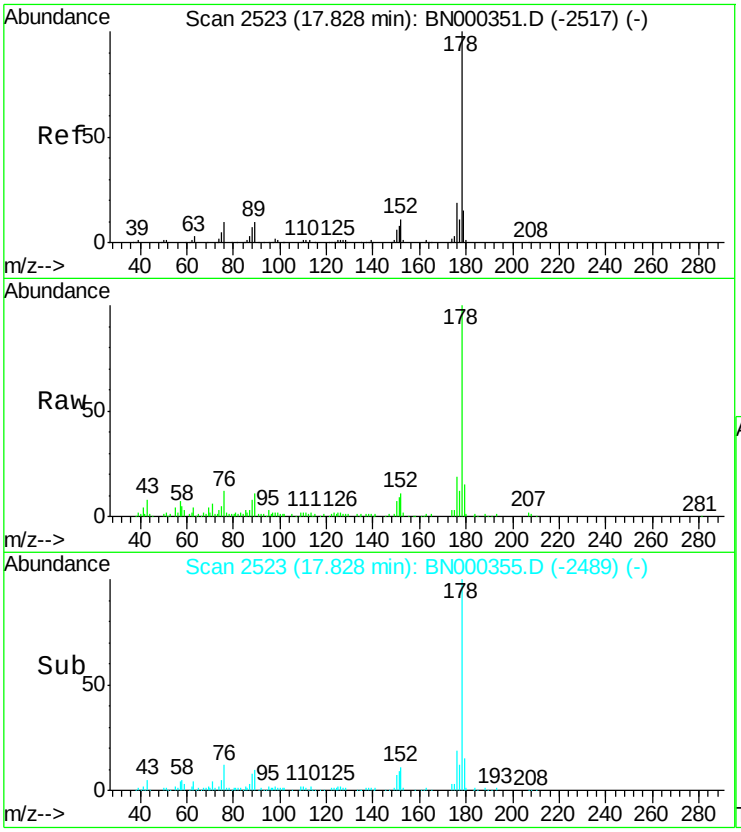
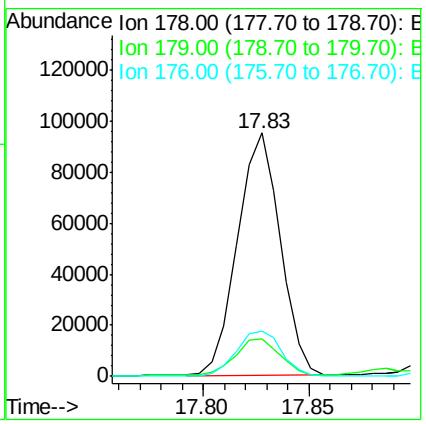




#13
Phenanthrene
Concen: 1.876 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:178 Resp: 133914

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAM95

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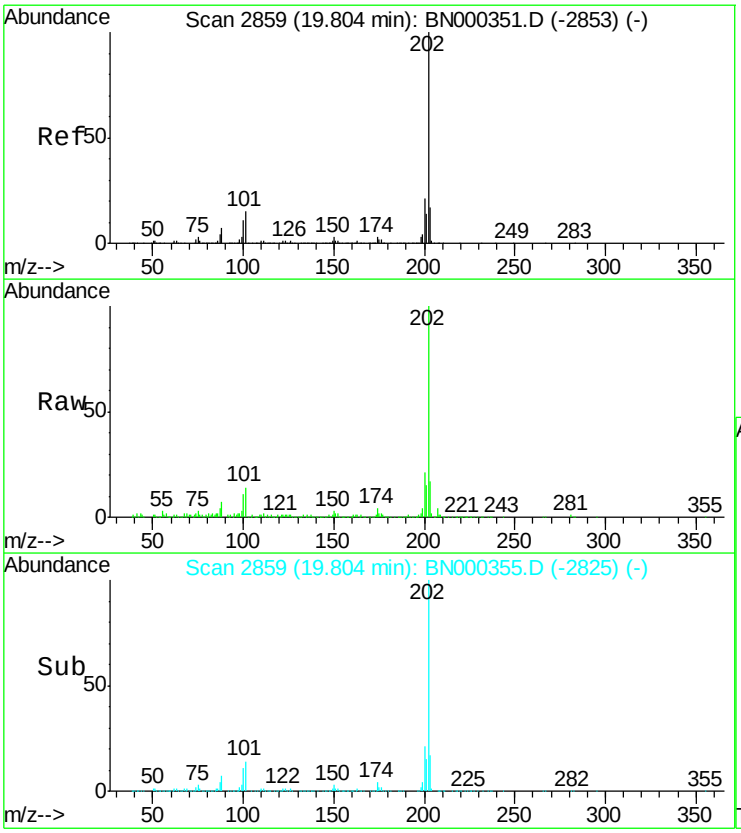
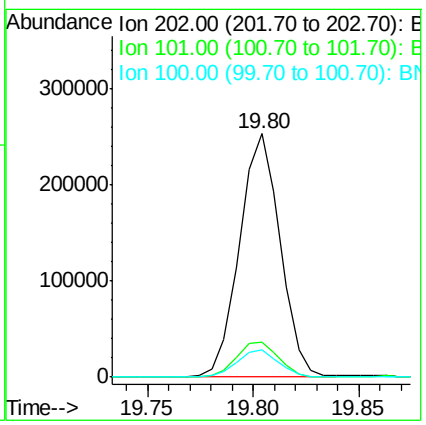
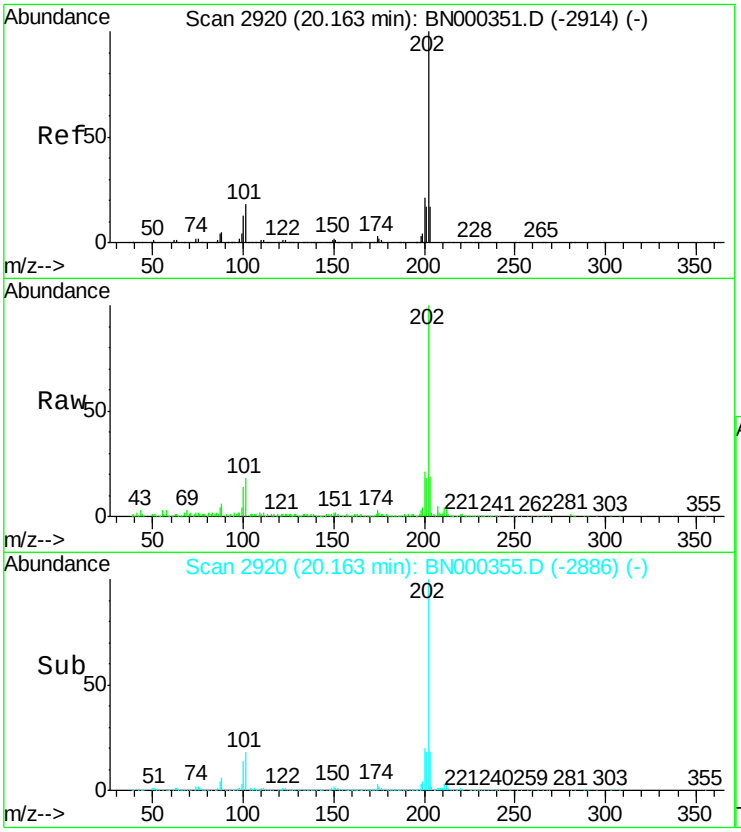


#16
Fluoranthene
Concen: 4.357 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:202 Resp: 335970

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.4	7.4	11.0#

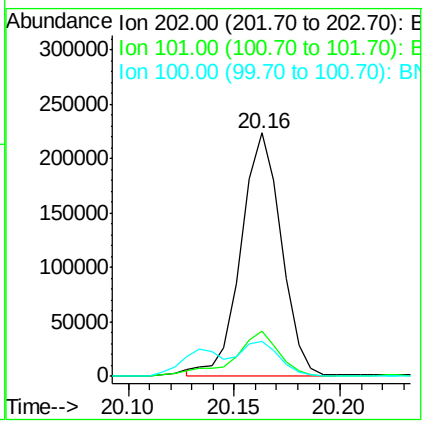




#19
Pyrene
Concen: 3.848 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:202 Resp: 294732

Ion	Ratio	Lower	Upper
202	100		
101	18.5	11.0	16.4#
100	14.4	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM95

Manual Integrations APPROVED
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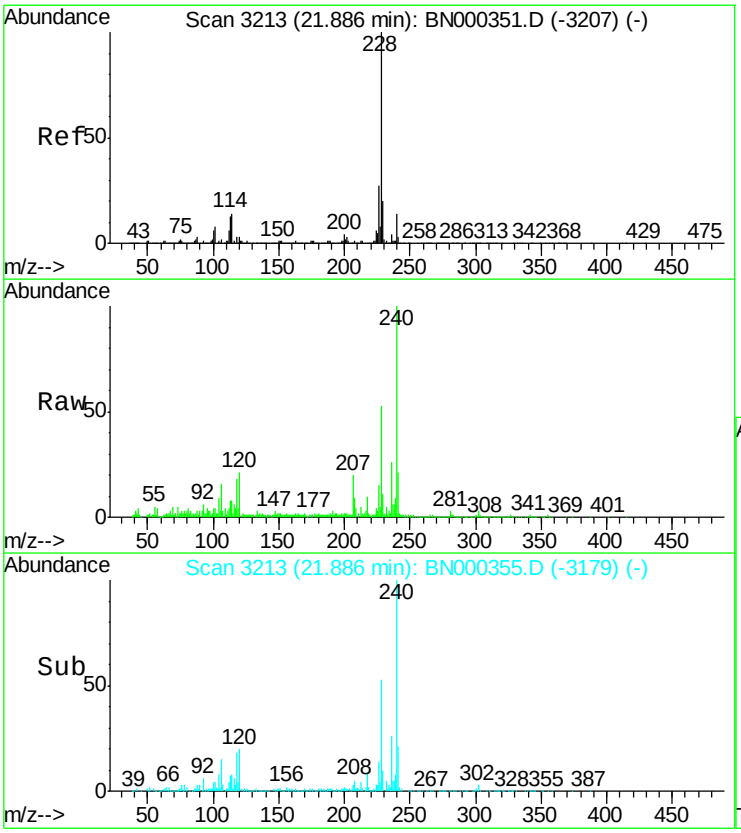
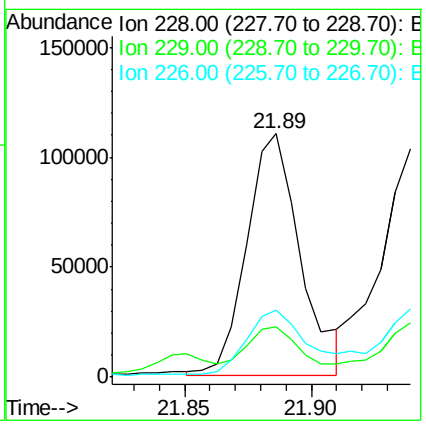
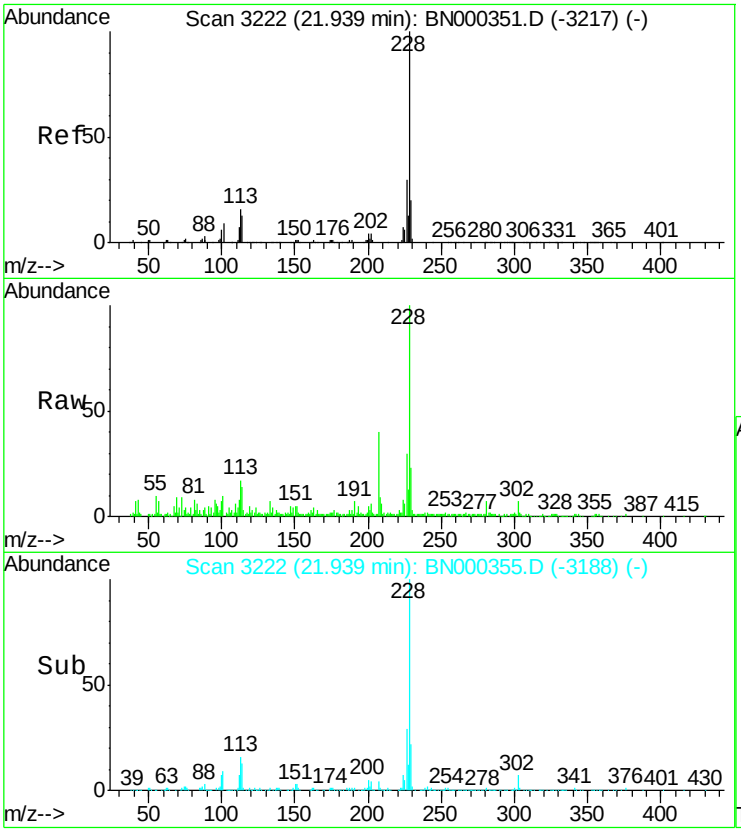


#20
Benzo(a)anthracene
Concen: 2.151 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:228 Resp: 162269

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.6	21.1	31.7

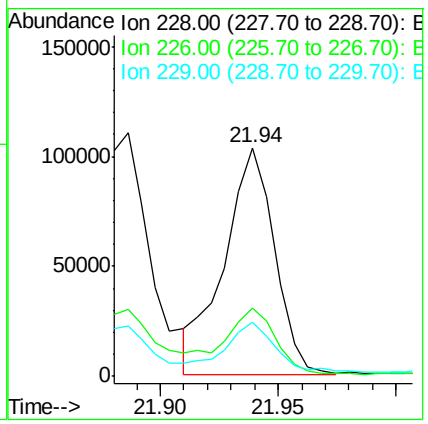




#21
Chrysene
Concen: 2.139 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:228 Resp: 153079

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	23.5	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAM95

Manual Integrations APPROVED
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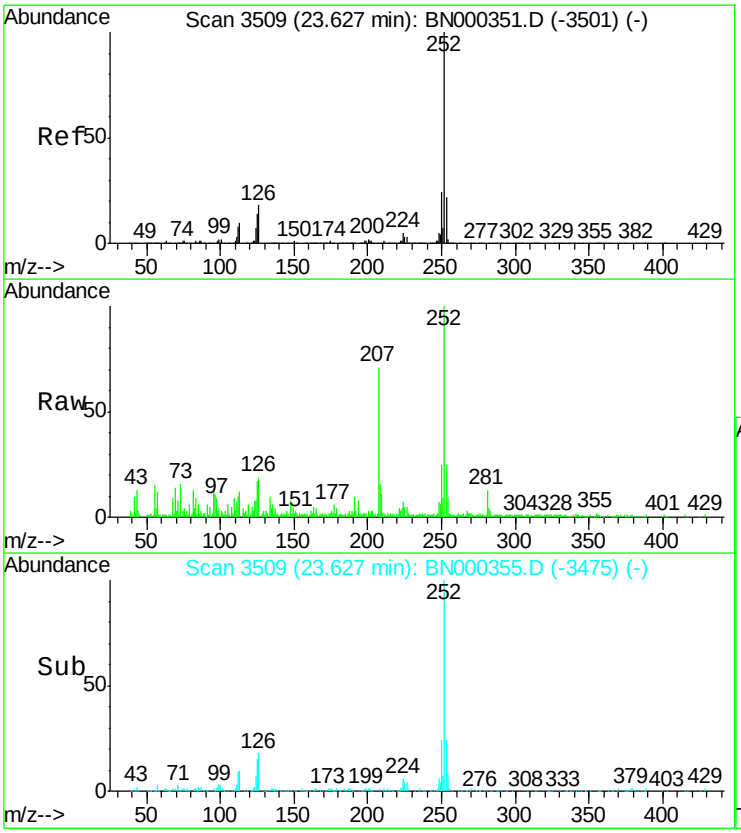
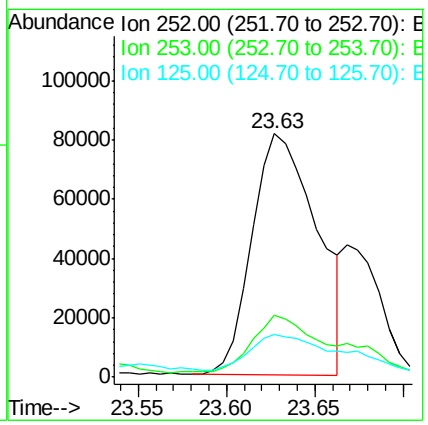
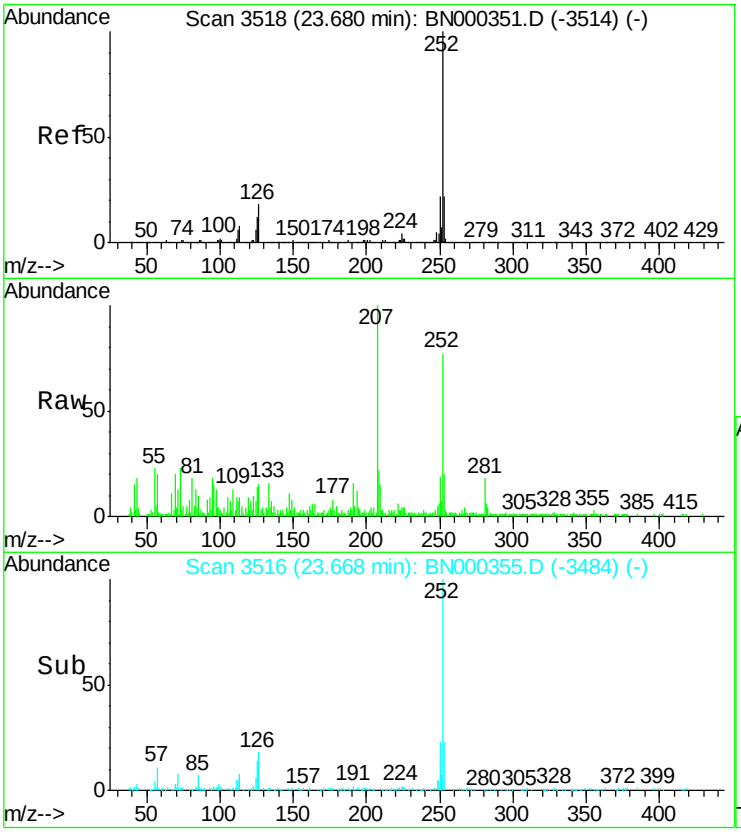


#23
Benzo(b)fluoranthene
Concen: 3.159 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:252 Resp: 208305

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	17.3	8.0	12.0#

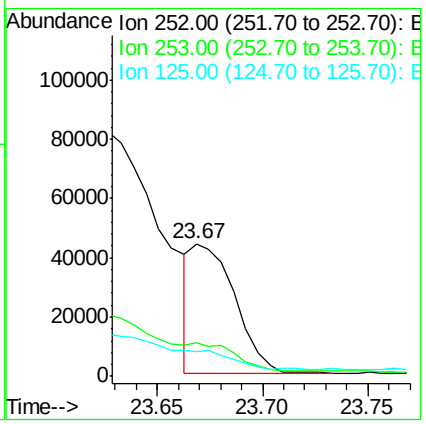




#24
Benzo(k)fluoranthene
Concen: 1.016 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:252 Resp: 62685

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	18.5	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM95

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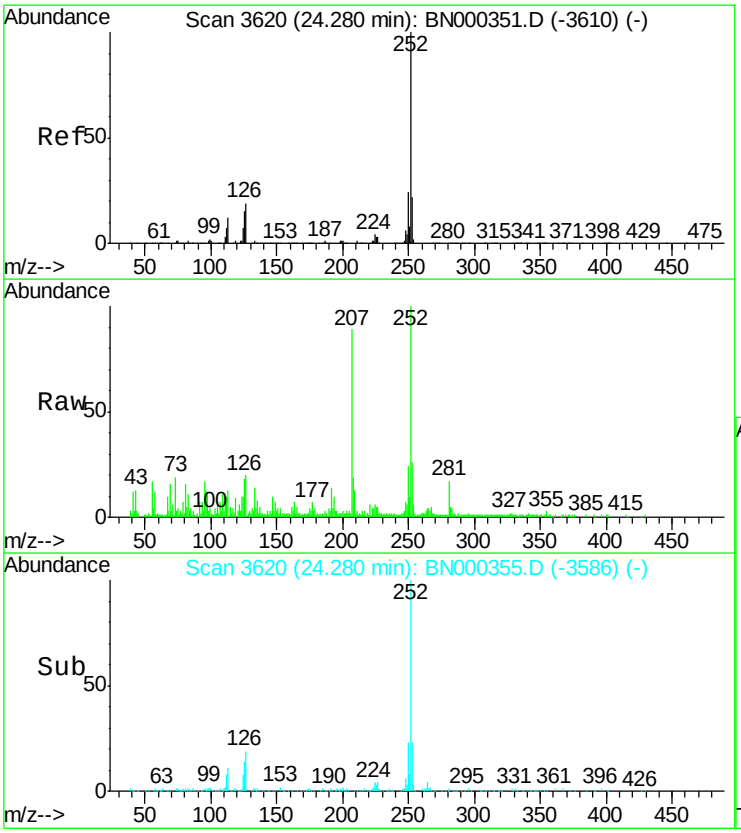
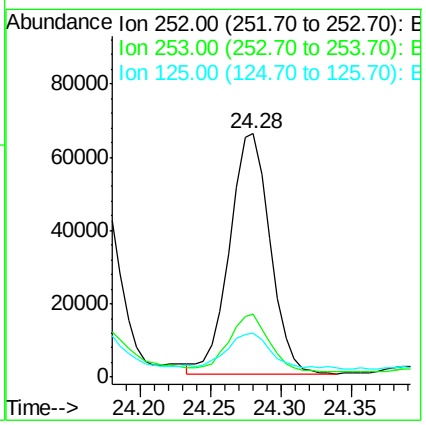
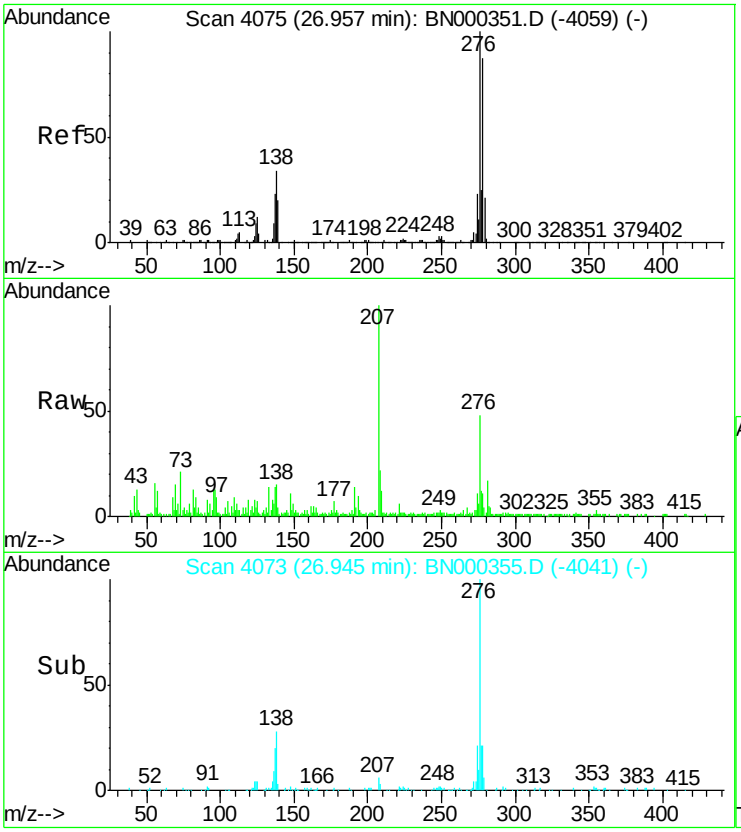


#26
Benzo(a)pyrene
Concen: 2.094 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:252 Resp: 131413

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	17.9	8.2	12.4#

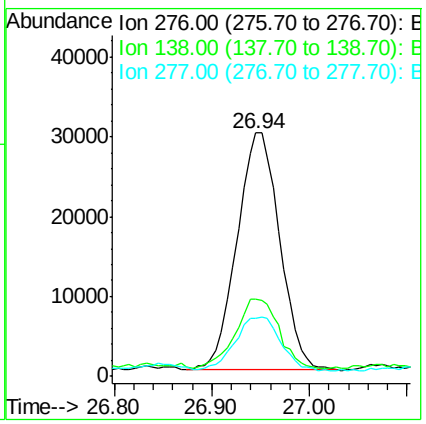




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.338 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:276 Resp: 90497

Ion	Ratio	Lower	Upper
276	100		
138	31.9	14.4	21.6#
277	24.0	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAM95

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Sohil
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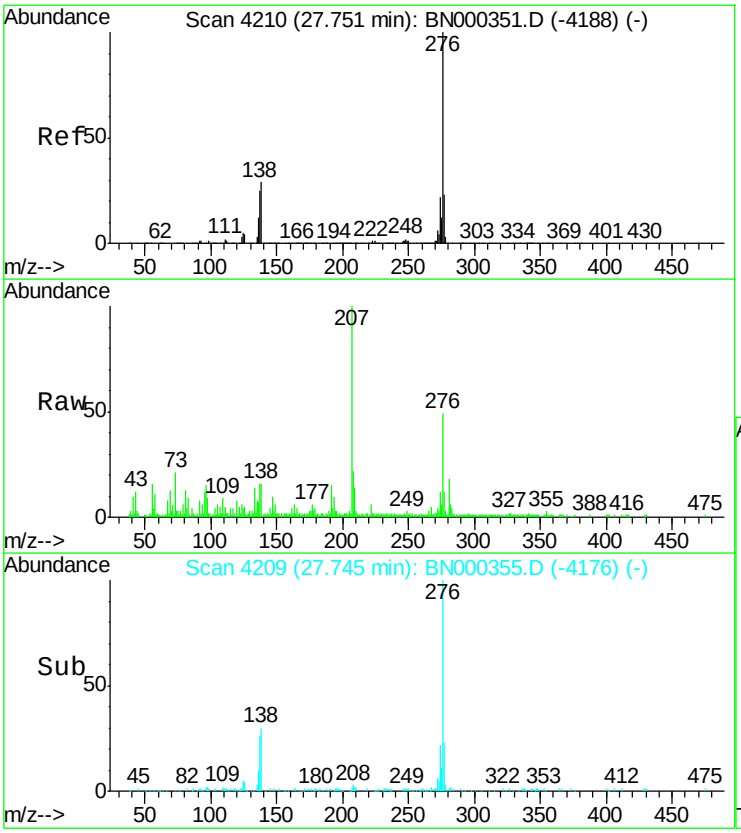

#29
Benzo(g,h,i)perylene
Concen: 1.769 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:276 Resp: 99949

Ion	Ratio	Lower	Upper
276	100		
138	32.7	15.3	22.9#
277	25.4	19.0	28.4