Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000925.D
Acq On : 26 Apr 2018 10:51
Operator : JU/SJ
Sample : J2485-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS43

Manual Integrations APPROVED
Sohil
4/26/2018 6:24:01 PM

Quant Time: Apr 26 13:09:16 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	178072	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	717598	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	327900	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	600722	20.00	ng/ul	0.01
17) Chrysene-d12	21.23	240	545309	20.00	ng/ul	0.02
22) Perylene-d12	23.43	264	593179	20.00	ng/ul	0.04
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	980156	31.12	ng/ul	0.01
10) Fluorene-d10	15.26	176	650447	30.94	ng/ul	0.01
14) Anthracene-d10	17.11	188	889386	32.38	ng/ul	0.01
18) Pyrene-d10	19.42	212	903802	32.35	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	991331	35.38	ng/ul	0.04
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	80854	2.468	ng/ul	98
16) Fluoranthene	19.08	202	147016	4.423	ng/ul	97
19) Pyrene	19.45	202	125306	3.577	ng/ul#	93
20) Benzo(a)anthracene	21.21	228	78321	2.403	ng/ul#	91
21) Chrysene	21.26	228	79968	2.610	ng/ul#	96
23) Benzo(b)fluoranthene	22.77	252	117088m	3.473	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	36464m	1.105	ng/ul	
26) Benzo(a)pyrene	23.34	252	79342	2.463	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.62	276	58308	1.498	ng/ul#	86
29) Benzo(g,h,i)perylene	26.29	276	55315	1.700	ng/ul#	83

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

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ClientSampleId :
DAS43

Manual Integrations APPROVED
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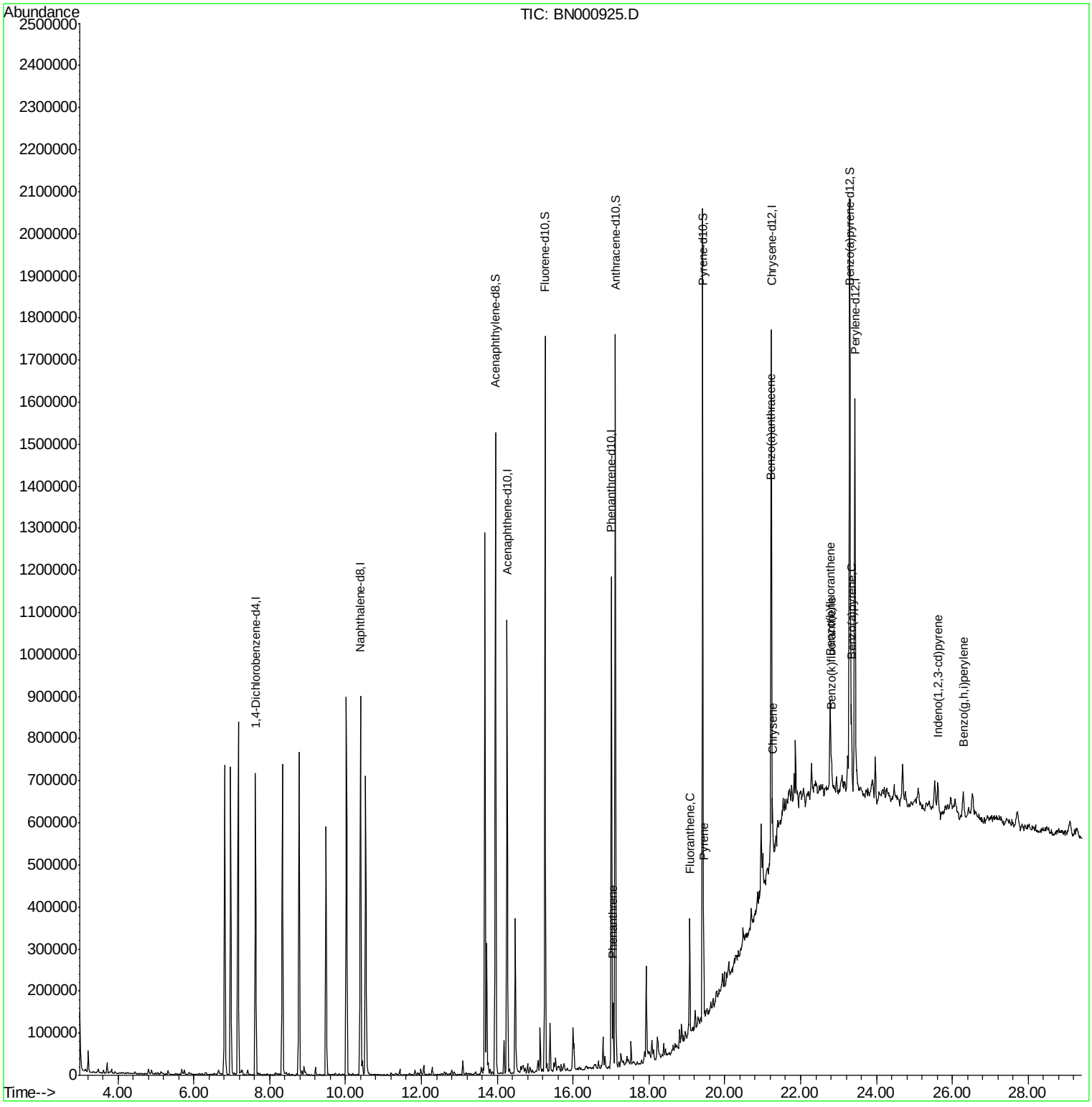
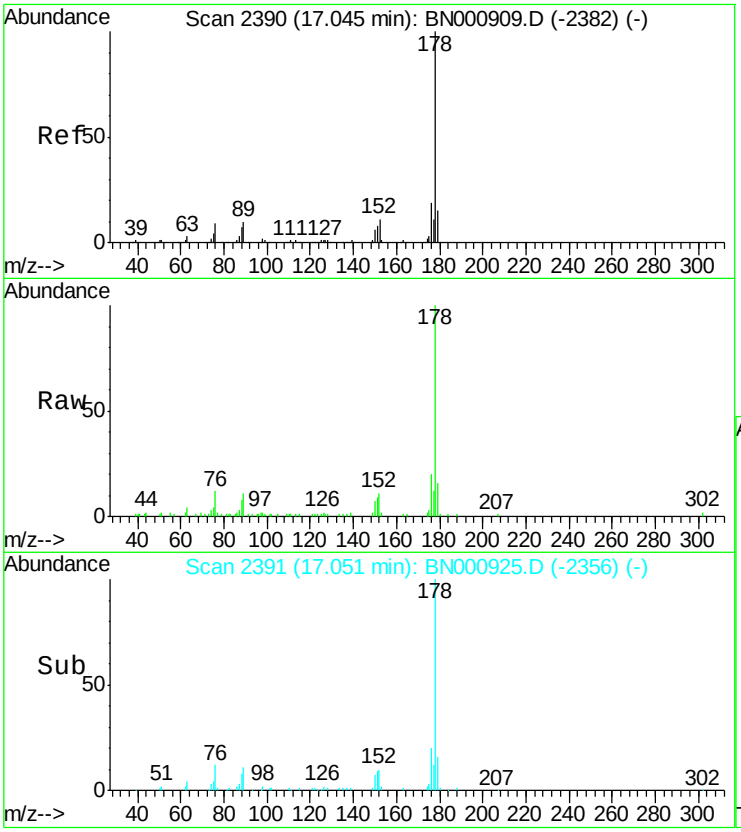
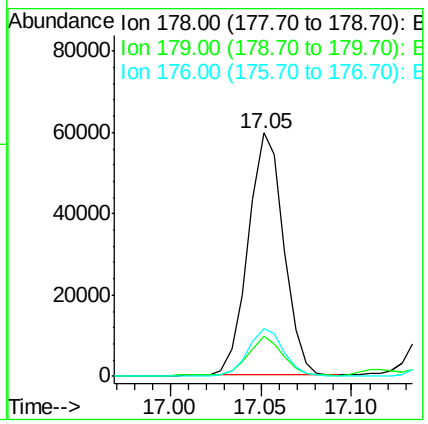




#13
Phenanthrene
Concen: 2.468 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:178 Resp: 80854

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.8	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAS43

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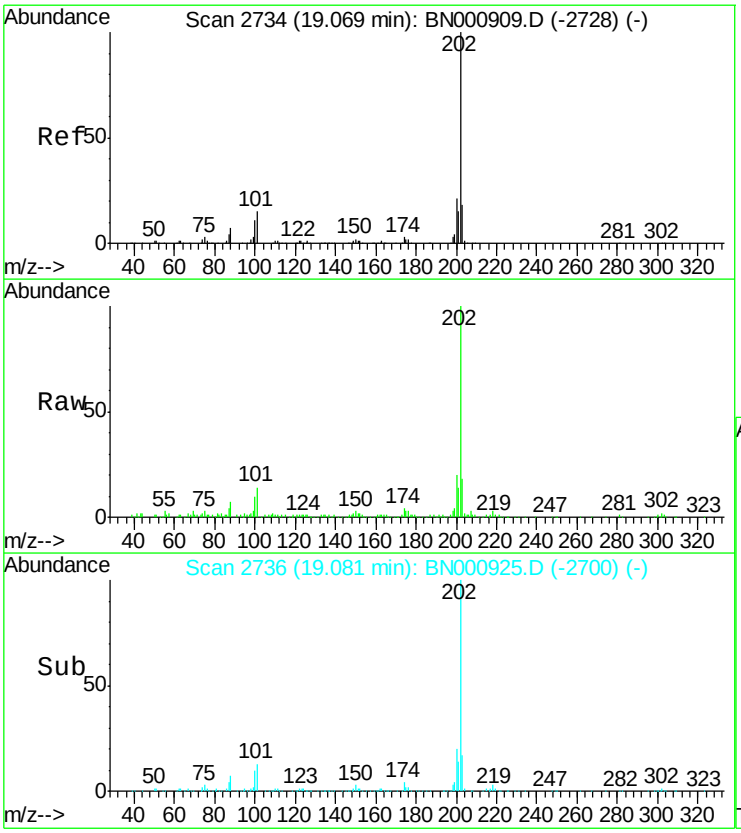
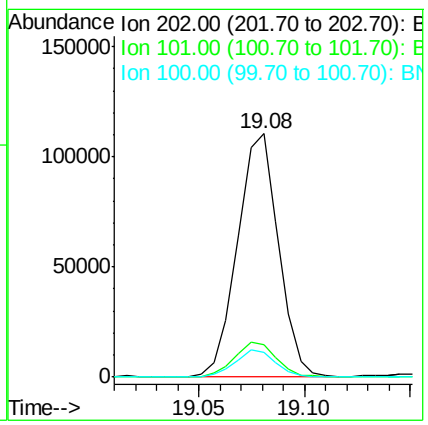
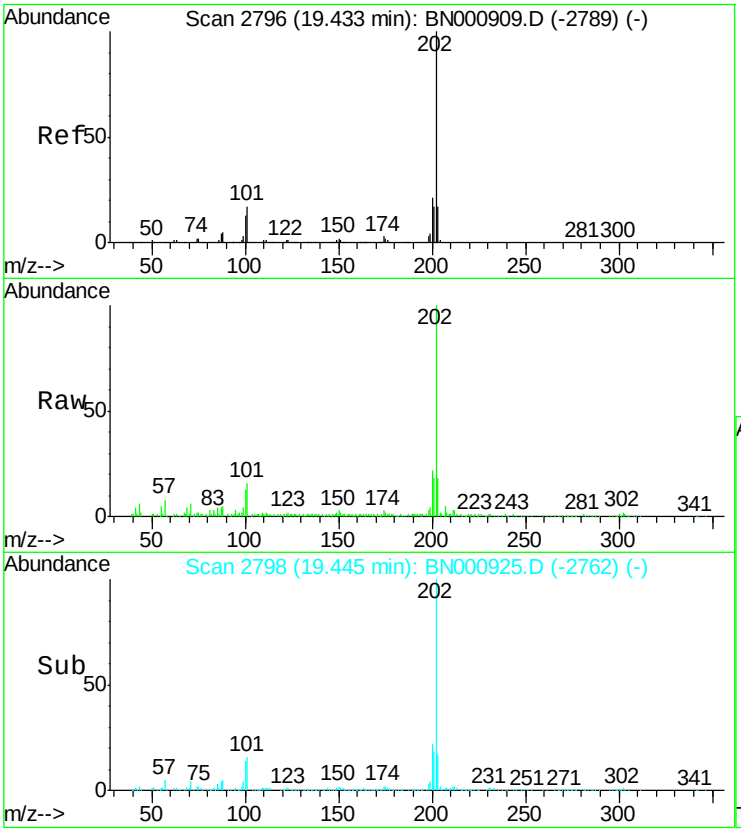


#16
Fluoranthene
Concen: 4.423 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:202 Resp: 147016

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.9	14.9
100	10.3	7.4	11.0

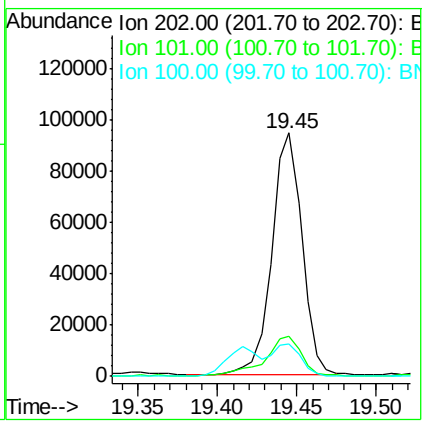




#19
Pyrene
Concen: 3.577 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:202 Resp: 125306

Ion	Ratio	Lower	Upper
202	100		
101	16.3	11.0	16.4
100	13.4	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS43

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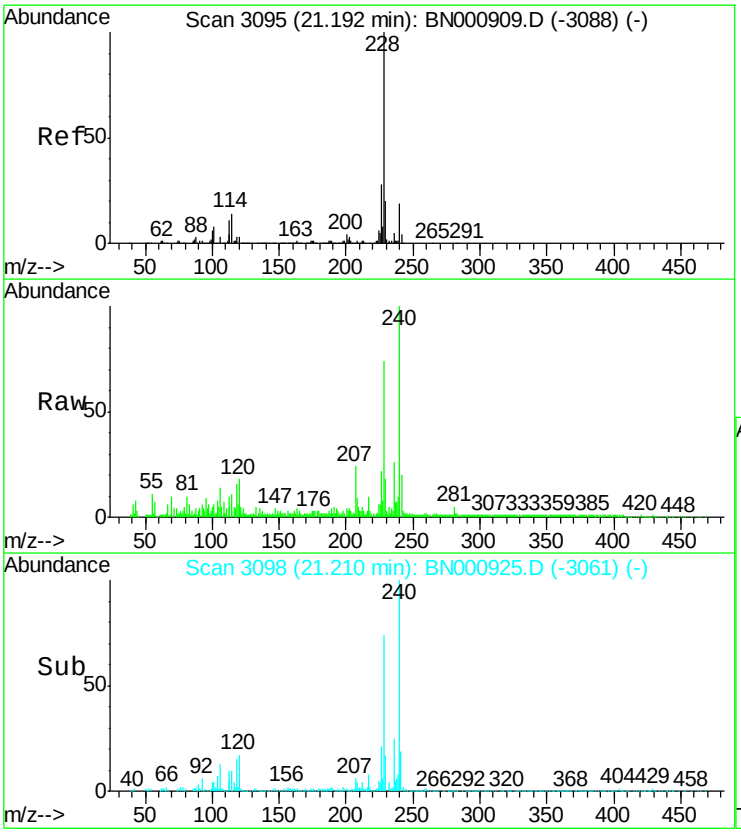
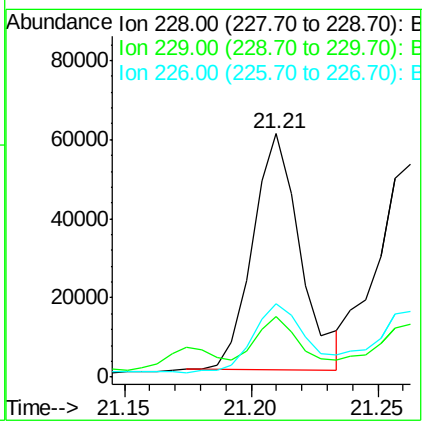
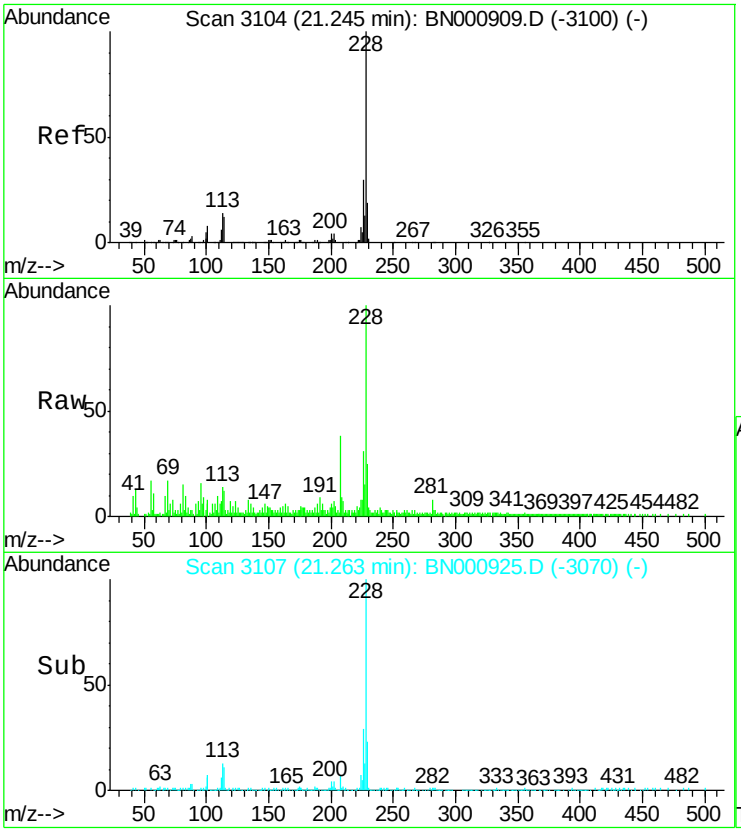


#20
Benzo(a)anthracene
Concen: 2.403 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.02 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:228 Resp: 78321

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	30.2	21.1	31.7





#21
Chrysene
Concen: 2.610 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.02 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:228 Resp: 79968

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	24.9	15.8	23.8#

Instrument :
BNA_N
ClientSampleId :
DAS43

Manual Integrations APPROVED
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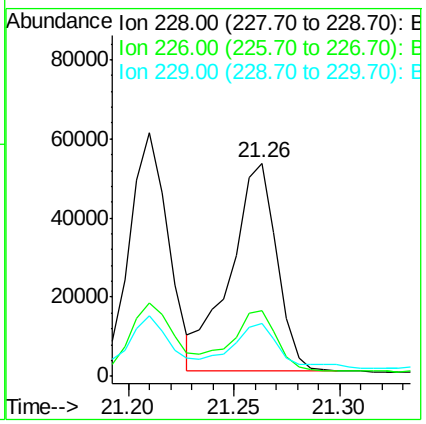
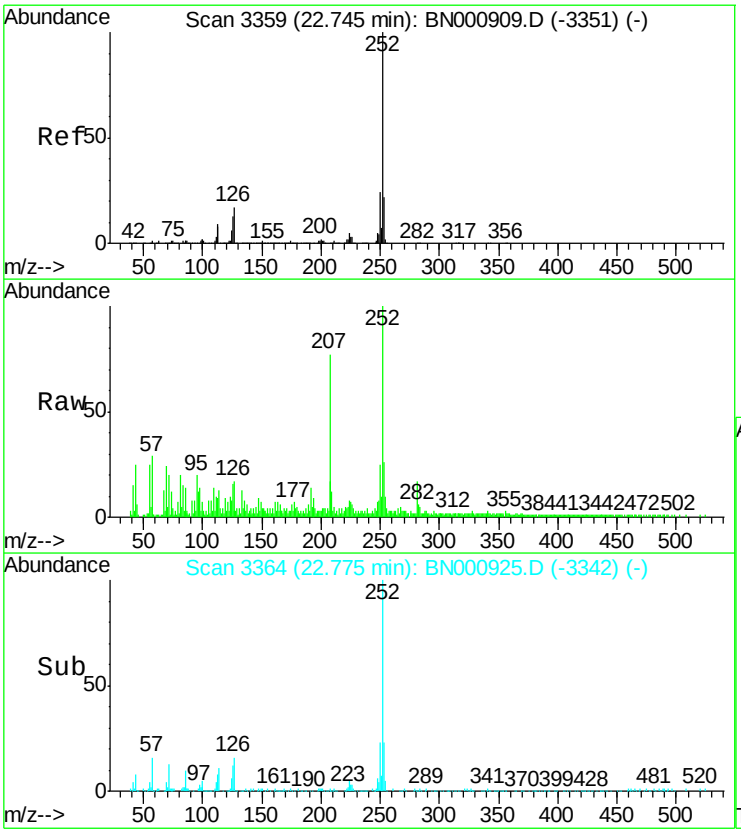
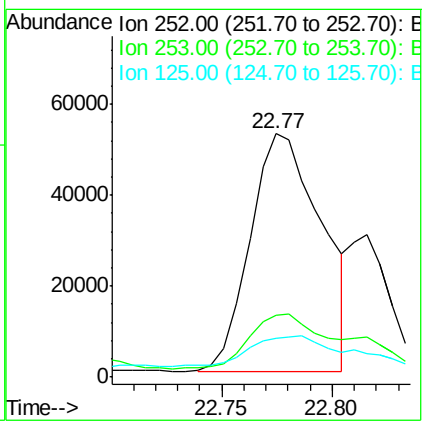


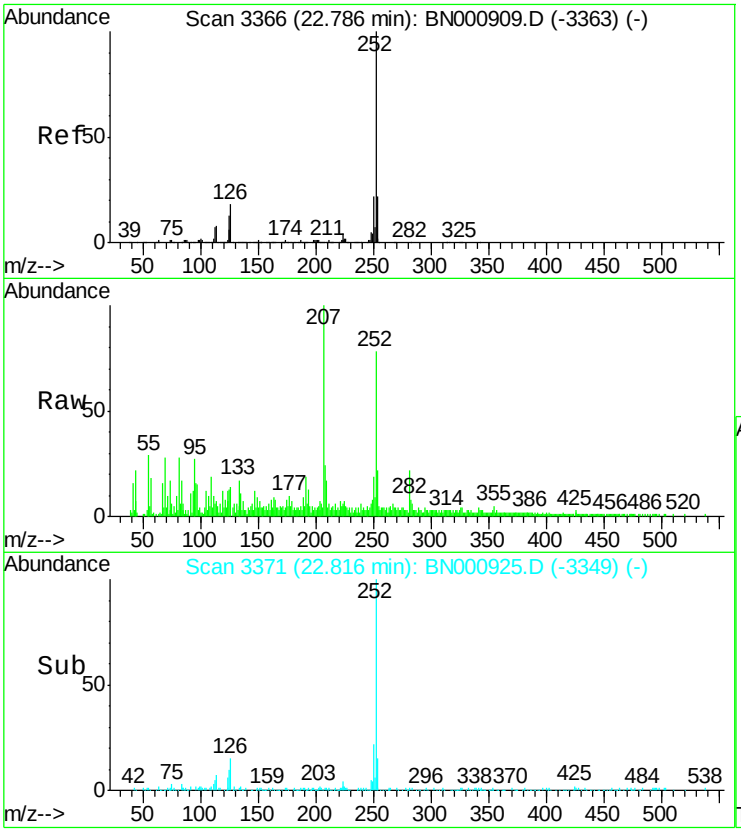


#23
Benzo(b)fluoranthene
Concen: 3.473 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.03 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:252 Resp: 117088

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	16.2	8.0	12.0#

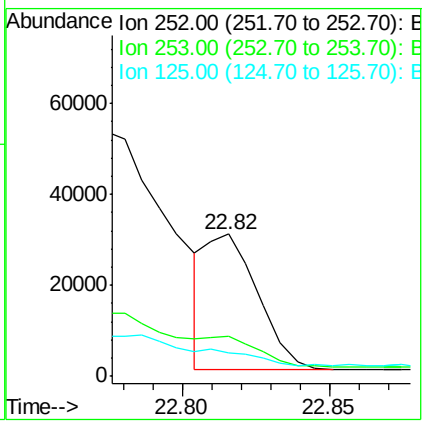




#24
Benzo(k)fluoranthene
Concen: 1.105 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. 0.03 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:252 Resp: 36464

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.0	27.0#
125	16.4	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
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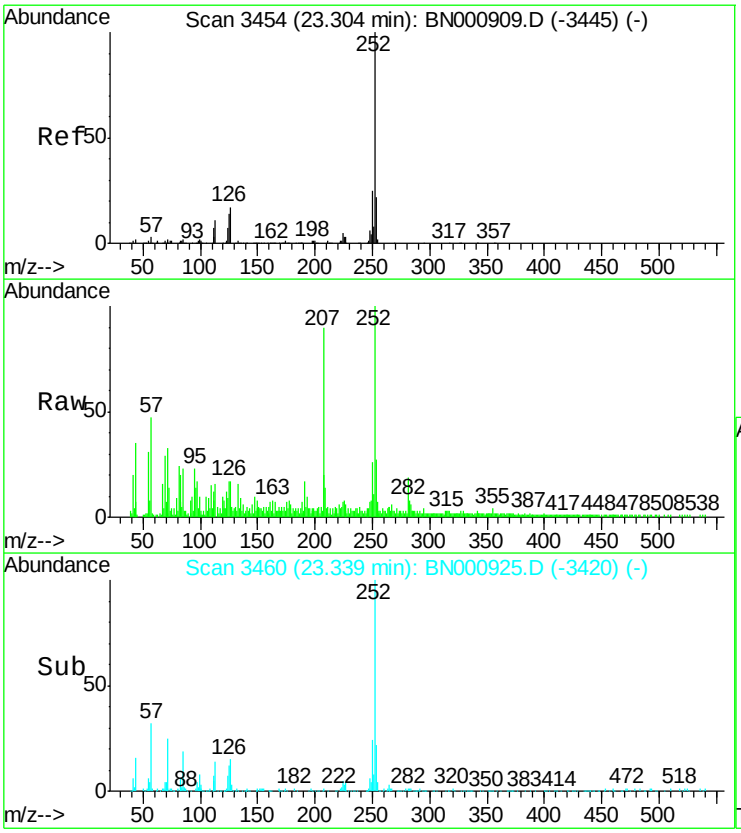
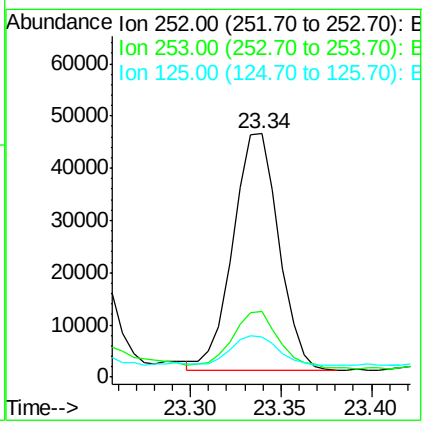
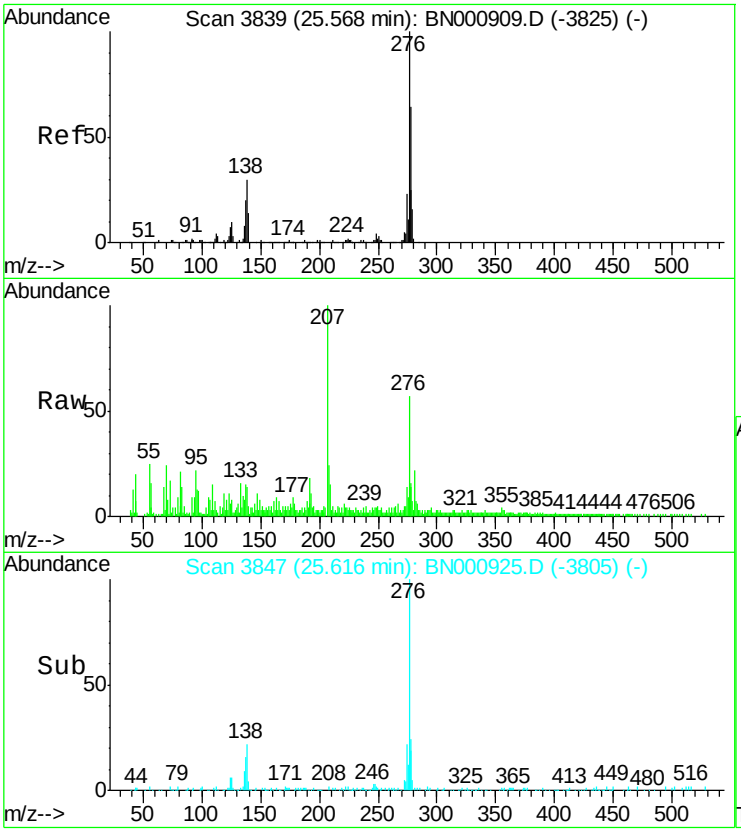


#26
Benzo(a)pyrene
Concen: 2.463 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.04 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:252 Resp: 79342

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.2	25.8#
125	16.7	8.2	12.4#

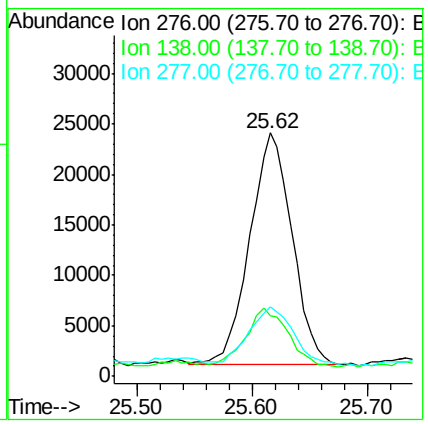




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.498 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.05 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

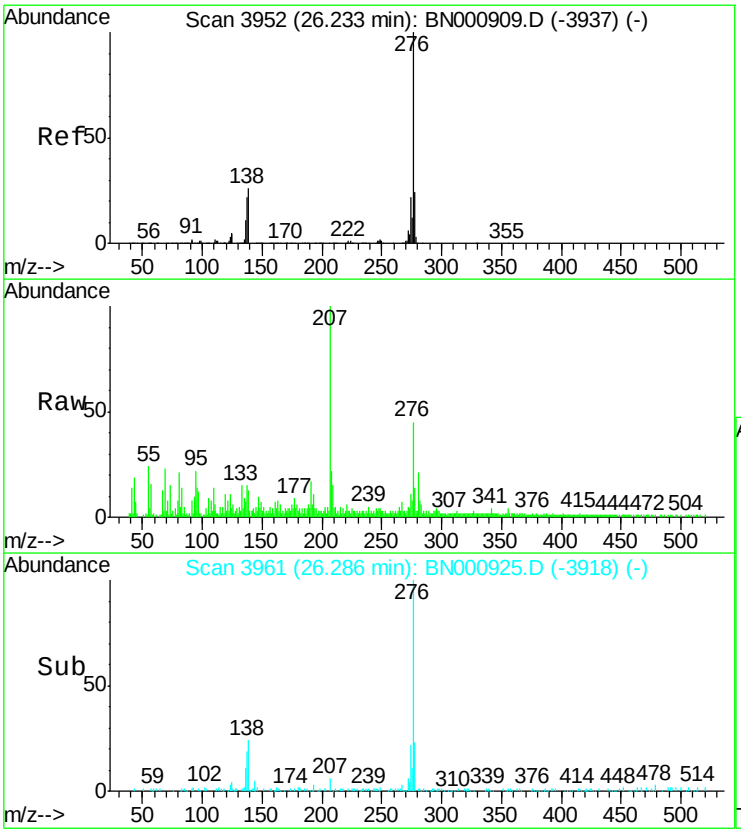
Tgt Ion:276 Resp: 58308

Ion	Ratio	Lower	Upper
276	100		
138	24.7	14.4	21.6#
277	28.5	18.0	27.0#



Instrument :
BNA_N
ClientSampleId :
DAS43

Manual Integrations APPROVED
Sohil
4/26/2018 6:24:01 PM



#29
Benzo(g,h,i)perylene
Concen: 1.700 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.05 min
Lab File: BN000925.D
Acq: 26 Apr 2018 10:51

Tgt Ion:276 Resp: 55315

Ion	Ratio	Lower	Upper
276	100		
138	28.3	15.3	22.9#
277	30.8	19.0	28.4#