Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000875.D
Acq On : 25 Apr 2018 05:31
Operator : JU/SJ
Sample : J2444-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS25

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:52 PM

Quant Time: Apr 25 08:47:46 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142204	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	600508	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	296539	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	596966	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	579059	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	592312	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	661914	23.24	ng/ul	0.00
10) Fluorene-d10	15.25	176	455985	23.99	ng/ul	0.00
14) Anthracene-d10	17.10	188	651873	23.88	ng/ul	0.00
18) Pyrene-d10	19.40	212	695367	23.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	733039	26.20	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	60058	1.845	ng/ul	99
16) Fluoranthene	19.06	202	127656	3.864	ng/ul	95
19) Pyrene	19.43	202	105495	2.836	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	65891m	1.904	ng/ul	
21) Chrysene	21.24	228	73338	2.254	ng/ul	96
23) Benzo(b)fluoranthene	22.74	252	102502m	3.045	ng/ul	
26) Benzo(a)pyrene	23.29	252	61788	1.921	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.55	276	50026	1.287	ng/ul#	90
29) Benzo(g,h,i)perylene	26.22	276	48376	1.489	ng/ul#	91

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

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Instrument :
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ClientSampleId :
DAS25

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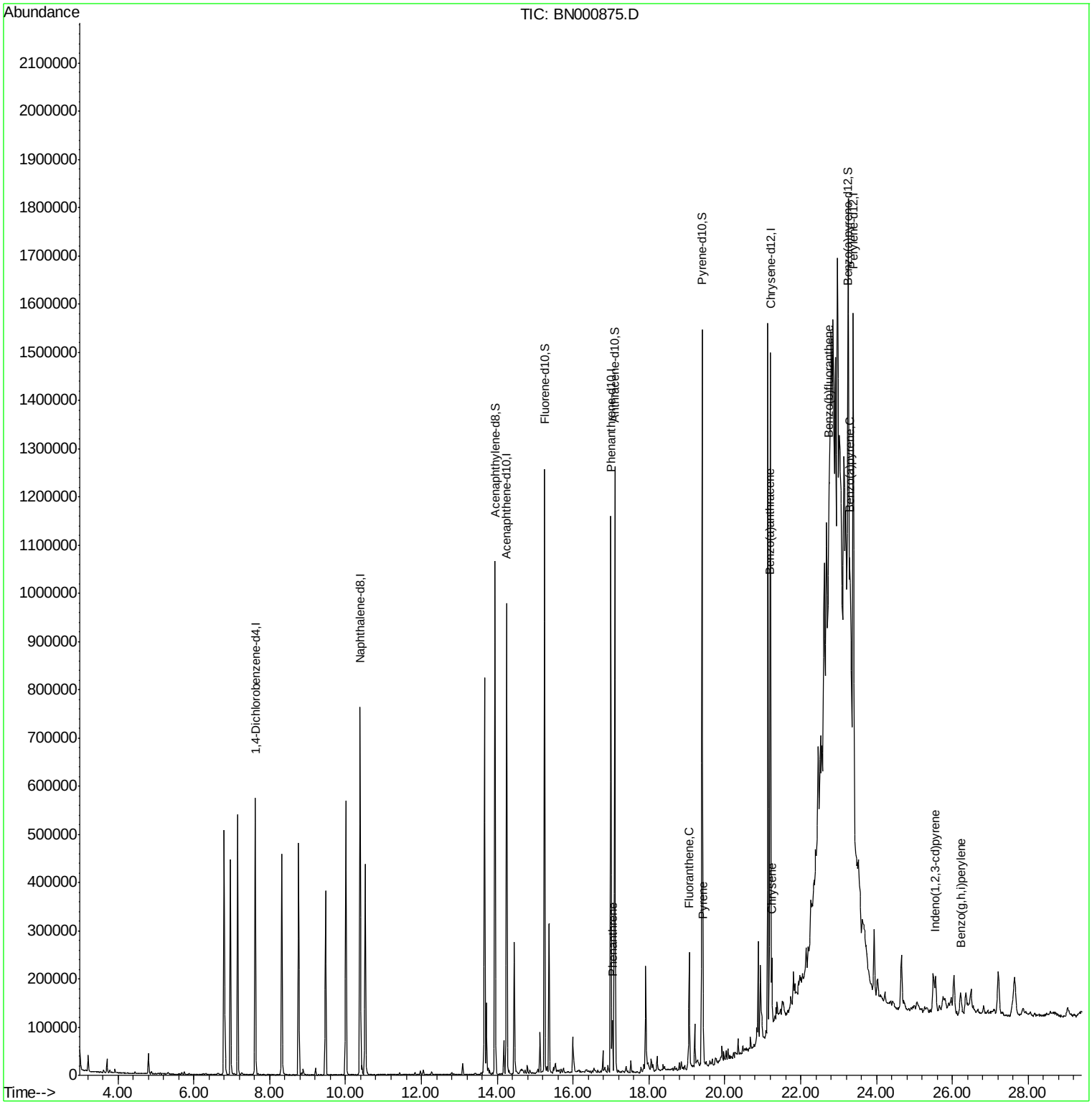
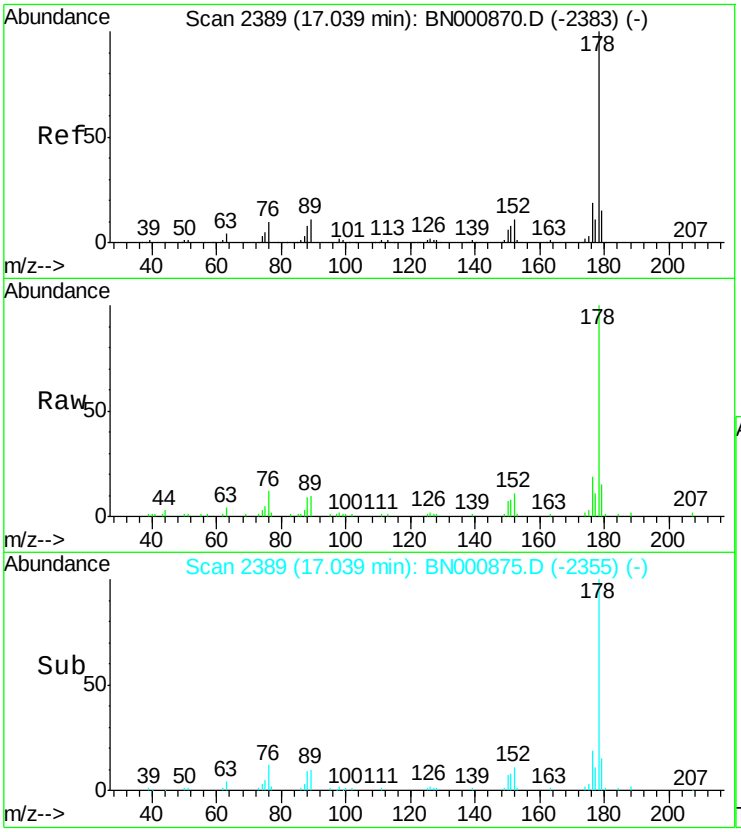
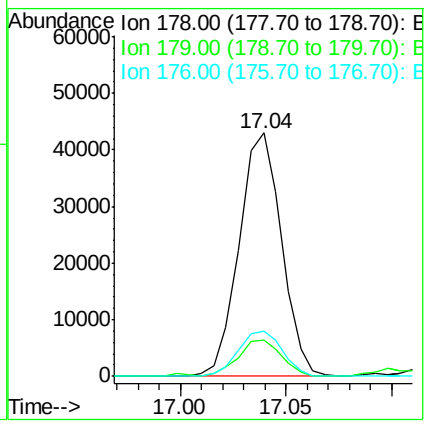




#13
Phenanthrene
Concen: 1.845 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:178 Resp: 60058

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.5	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAS25

Manual Integrations APPROVED
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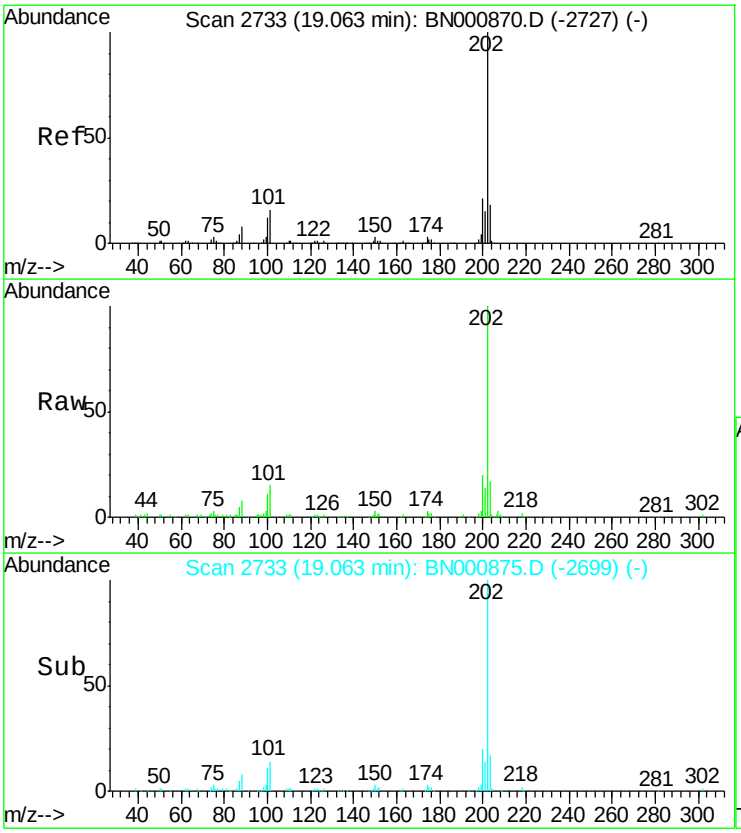
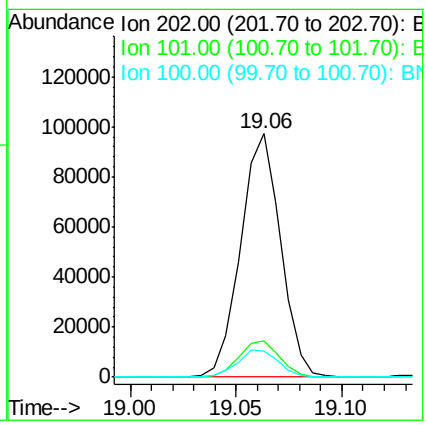
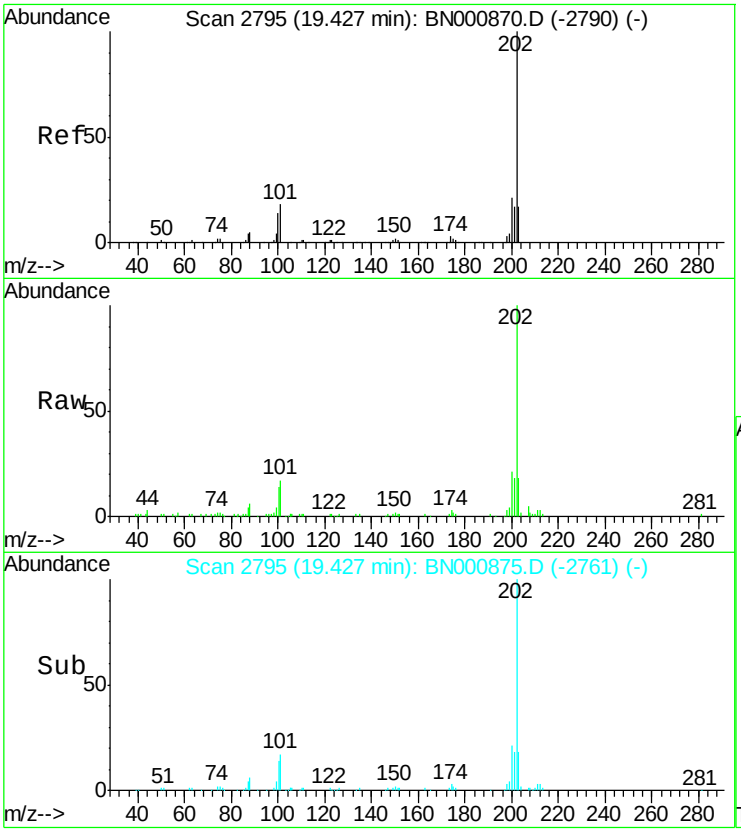


#16
Fluoranthene
Concen: 3.864 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:202 Resp: 127656

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	10.9	7.4	11.0

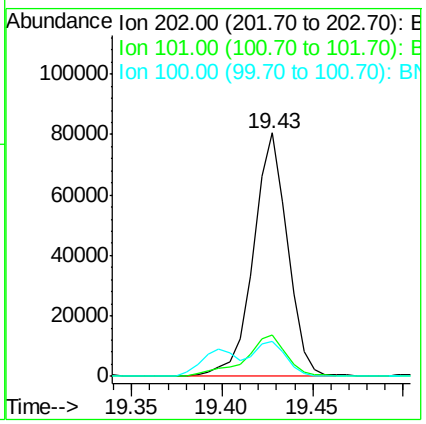




#19
Pyrene
Concen: 2.836 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:202 Resp: 105495

Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	14.3	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS25

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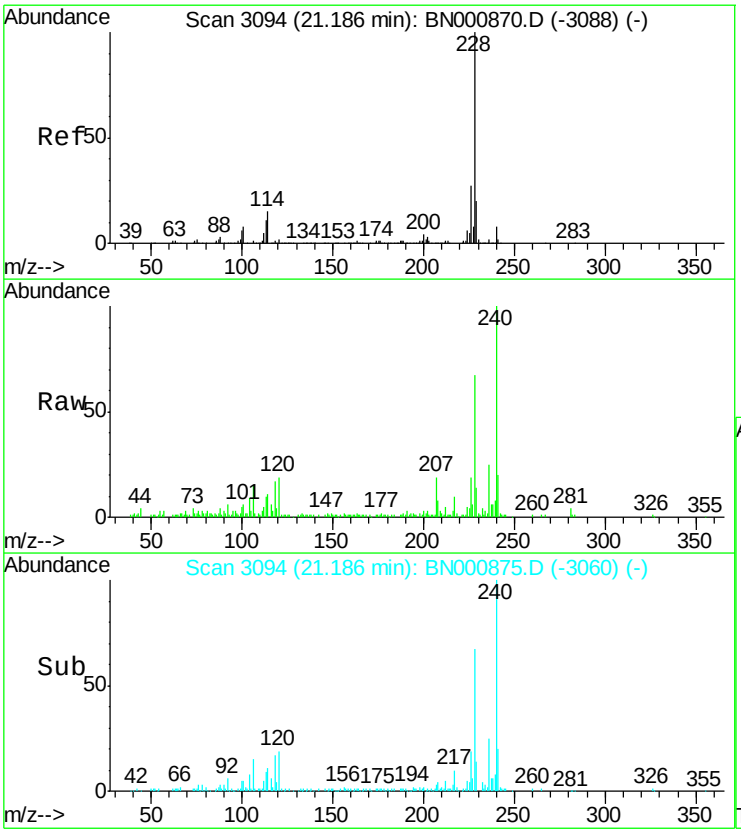
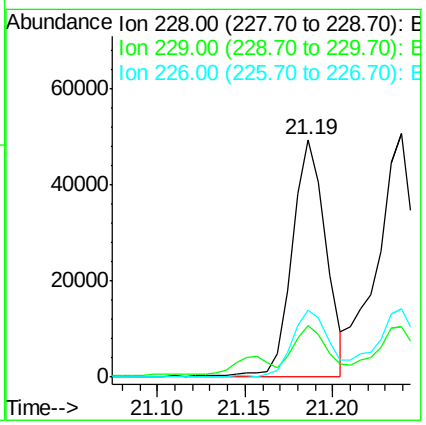
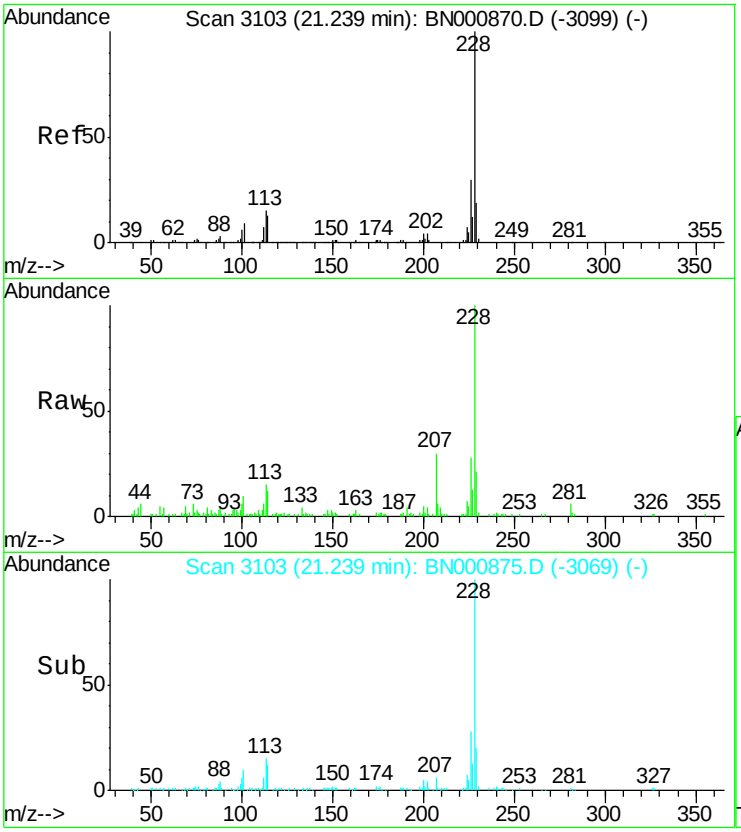


#20
Benzo(a)anthracene
Concen: 1.904 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:228 Resp: 65891

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	28.4	21.1	31.7





#21
Chrysene
Concen: 2.254 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:228 Resp: 73338

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.5	36.7
229	20.9	15.8	23.8

Instrument :
BNA_N
ClientSampleId :
DAS25

Manual Integrations APPROVED
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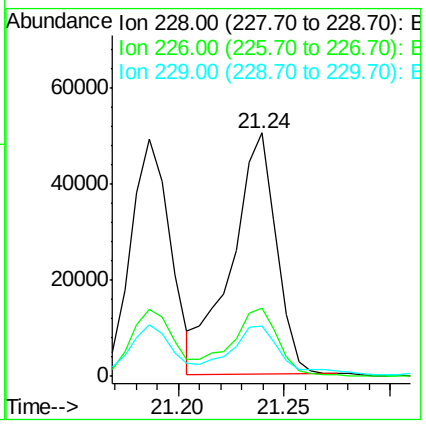
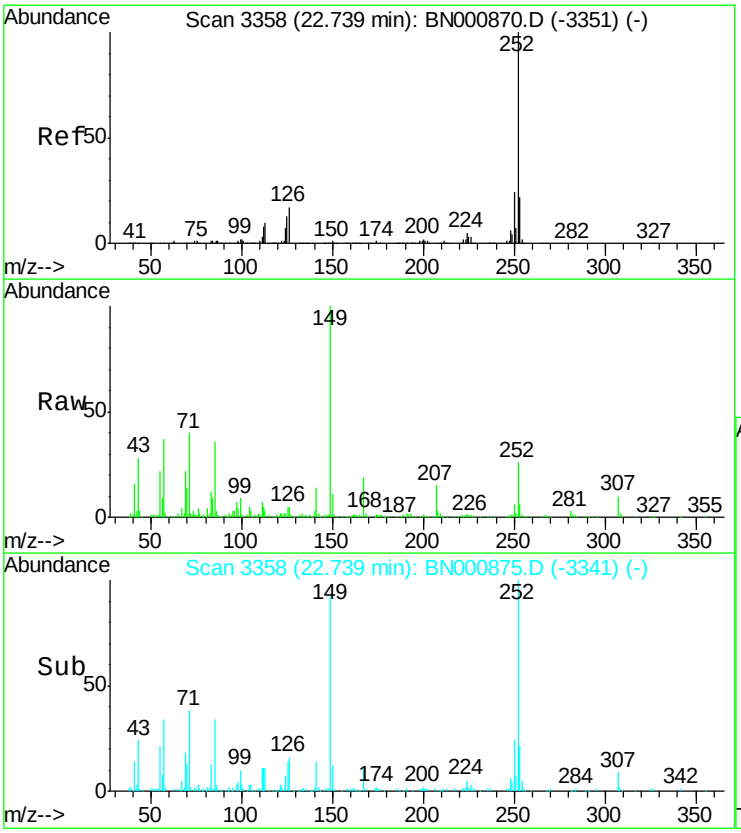
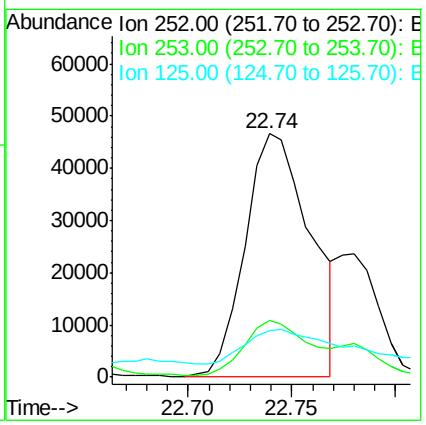


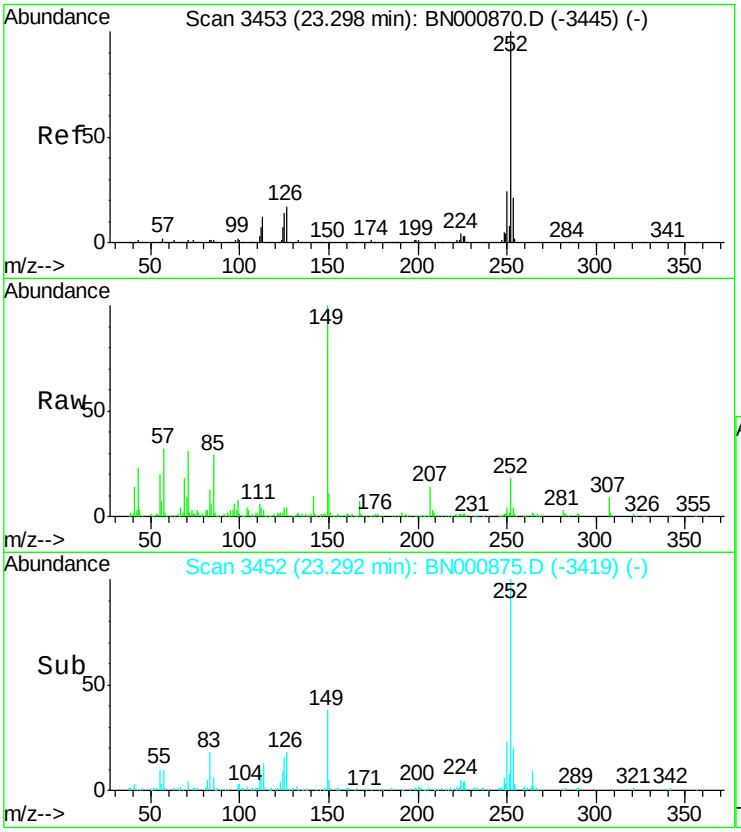


#23
Benzo(b)fluoranthene
Concen: 3.045 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:252 Resp: 102502

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	19.3	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 1.921 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:252 Resp: 61788

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	23.3	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
DAS25

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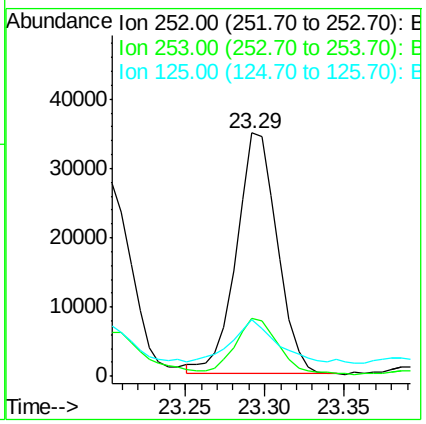
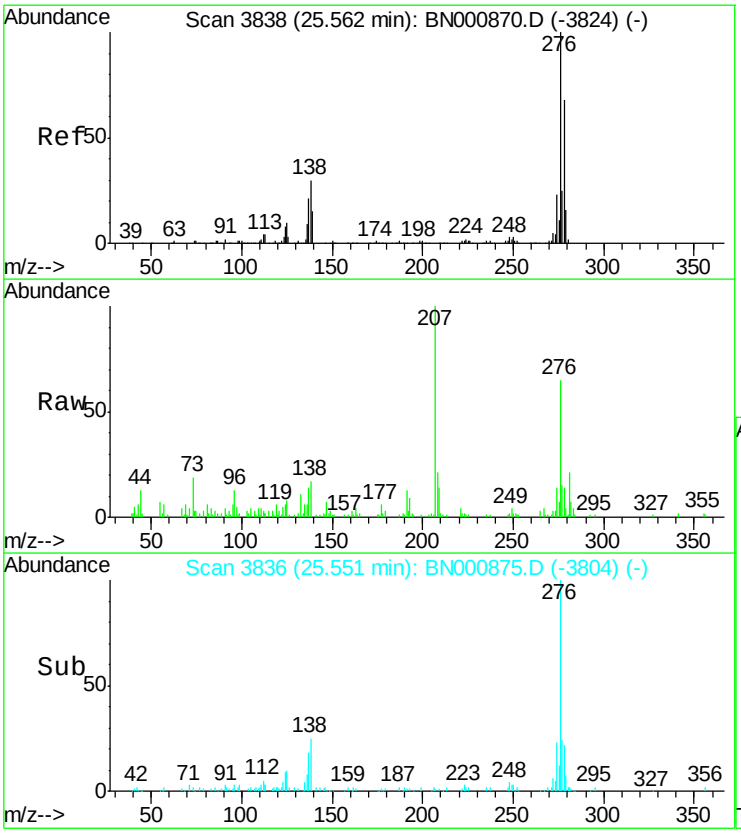
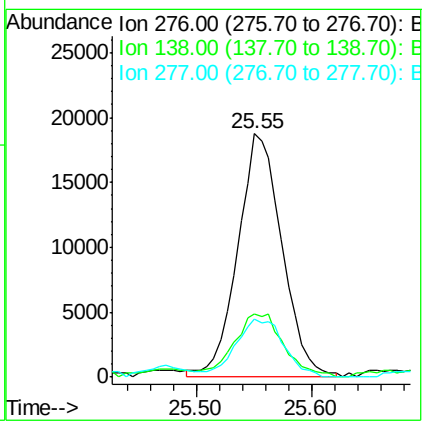


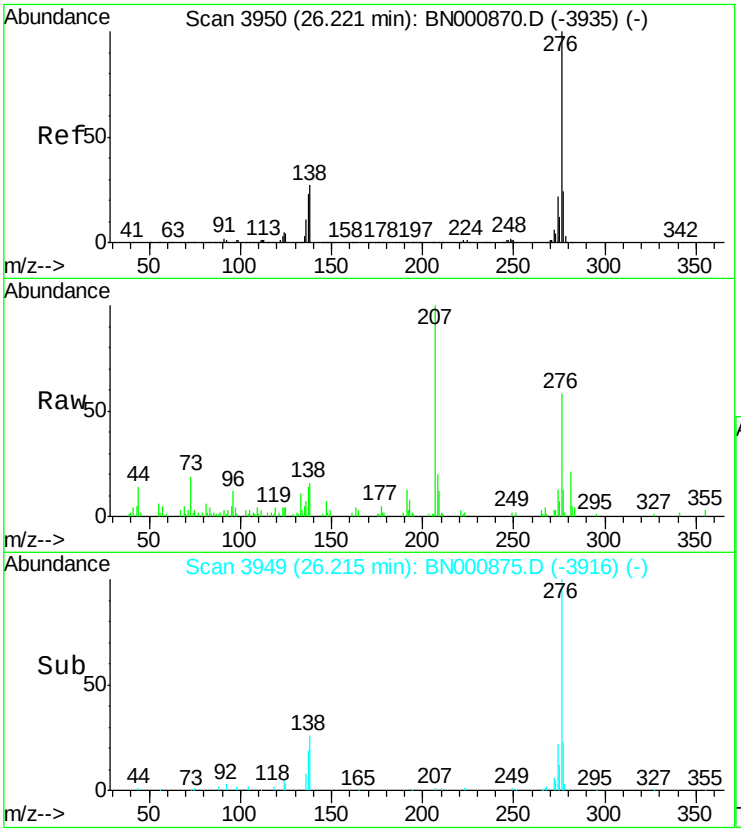


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.287 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:276 Resp: 50026

Ion	Ratio	Lower	Upper
276	100		
138	25.9	14.4	21.6#
277	23.9	18.0	27.0

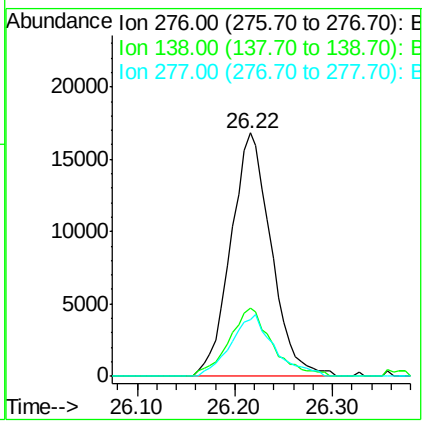




#29
Benzo(g,h,i)perylene
Concen: 1.489 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000875.D
Acq: 25 Apr 2018 05:31

Tgt Ion:276 Resp: 48376

Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.3	22.9#
277	23.1	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAS25

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