Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000421.D
Acq On : 15 Mar 2018 18:20
Operator : JU/SJ
Sample : J1865-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
Sohil
3/16/2018 12:11:31 PM

Quant Time: Mar 16 07:01:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	199821	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	952816	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	536026	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1177855	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1006666	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	921826	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2002483	37.64	ng/ul	0.00
10) Fluorene-d10	16.05	176	1321884	36.69	ng/ul	0.00
14) Anthracene-d10	17.89	188	2077232	37.75	ng/ul	0.00
18) Pyrene-d10	20.14	212	2176616	44.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1627410	38.66	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	224388	3.322	ng/ul	99
16) Fluoranthene	19.81	202	462631	6.339	ng/ul#	92
19) Pyrene	20.17	202	377184	5.935	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	188008m	3.004	ng/ul	
21) Chrysene	21.95	228	201131	3.387	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	272997	4.966	ng/ul#	91
24) Benzo(k)fluoranthene	23.68	252	65975m	1.282	ng/ul	
26) Benzo(a)pyrene	24.29	252	160302	3.064	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	118355	2.098	ng/ul#	84
29) Benzo(g,h,i)perylene	27.77	276	104620	2.221	ng/ul#	82

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

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Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
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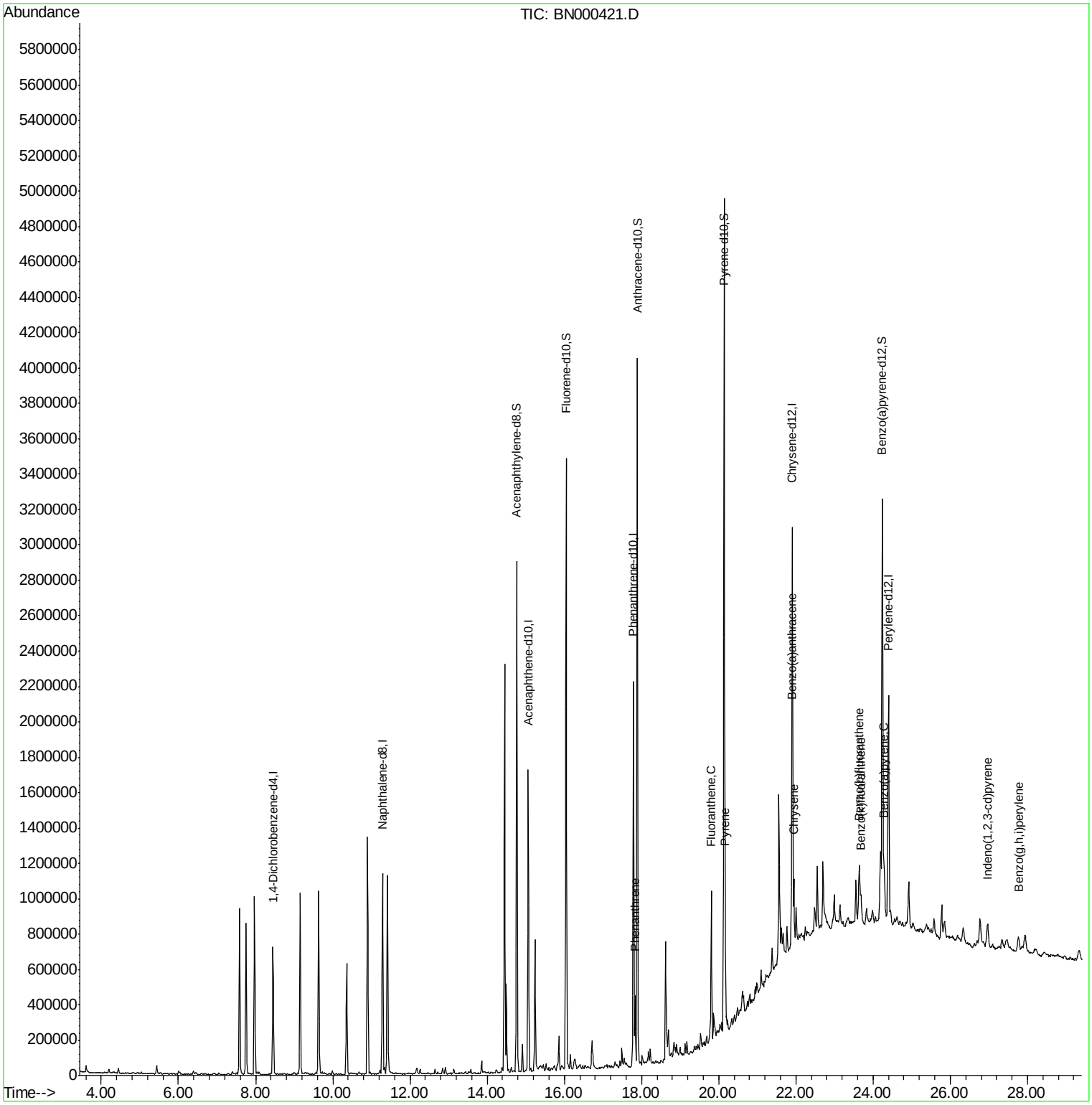
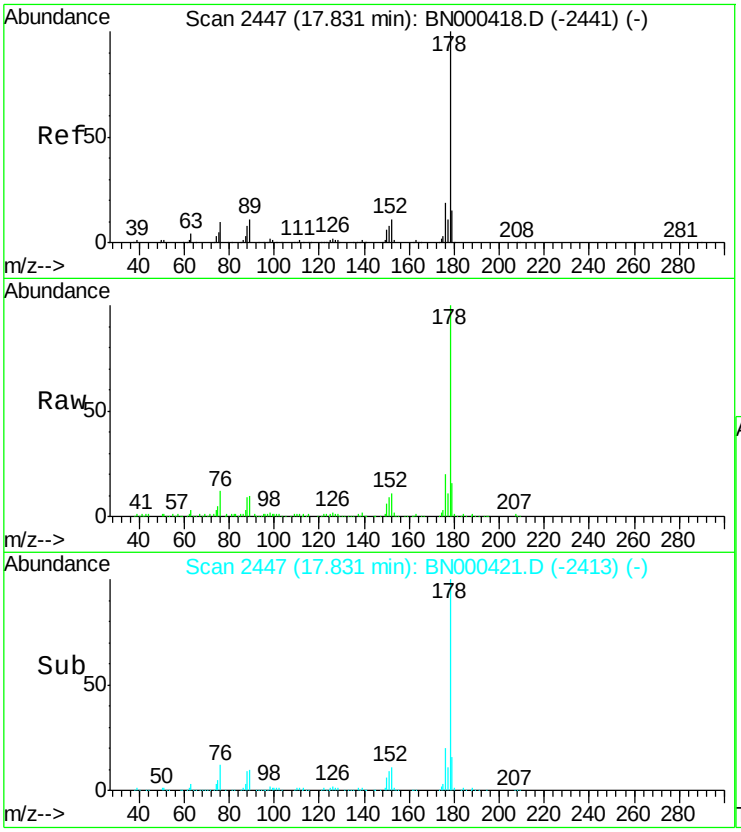




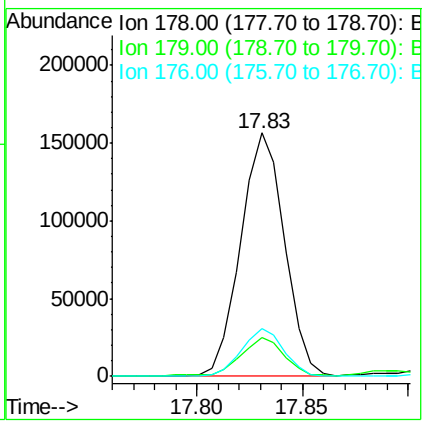
#13
Phenanthrene
Concen: 3.322 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

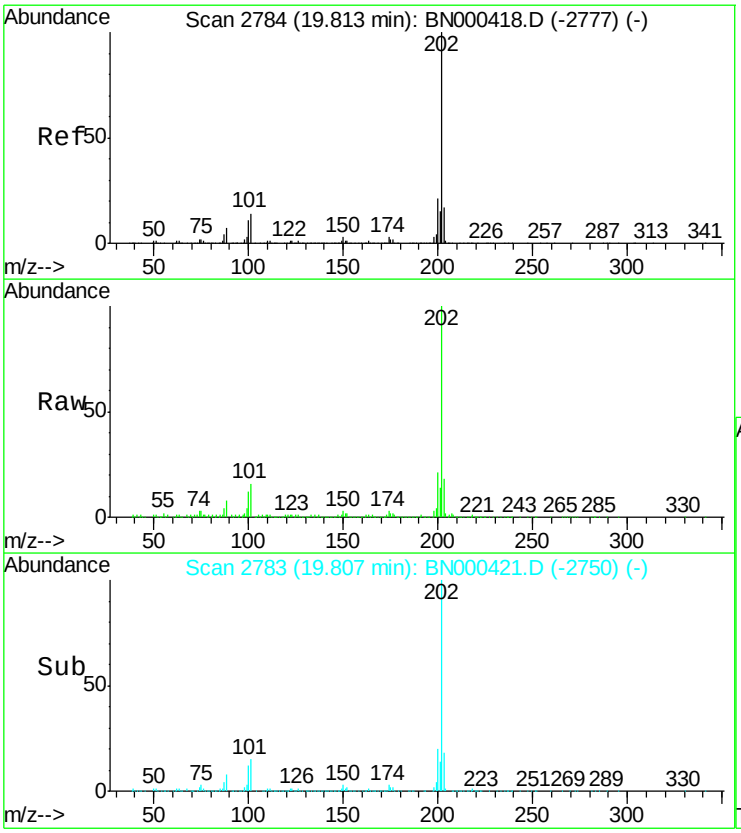
Tgt Ion:178 Resp: 224388

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.6	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
Sohil
3/16/2018 12:11:31 PM

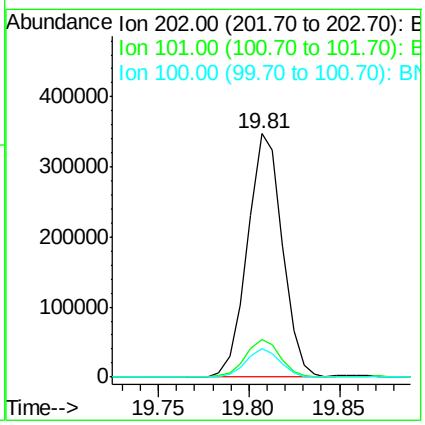


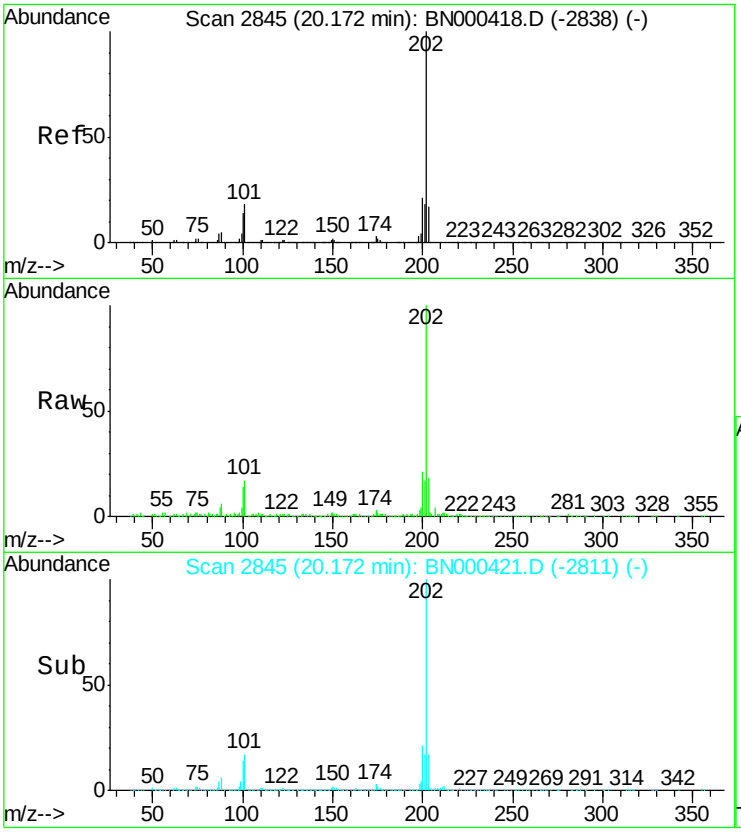


#16
Fluoranthene
Concen: 6.339 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:202 Resp: 462631

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.6	7.4	11.0#





#19
Pyrene
Concen: 5.935 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:202 Resp: 377184

Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	13.8	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
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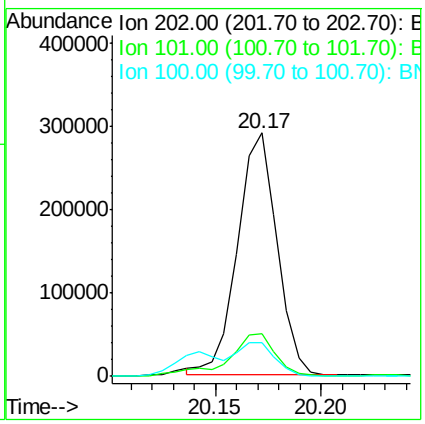
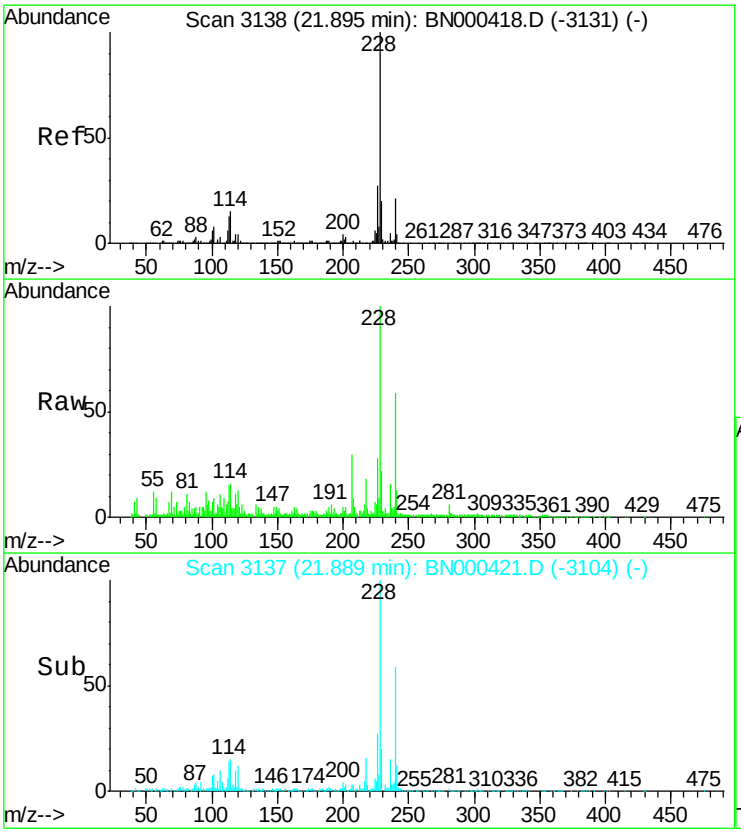
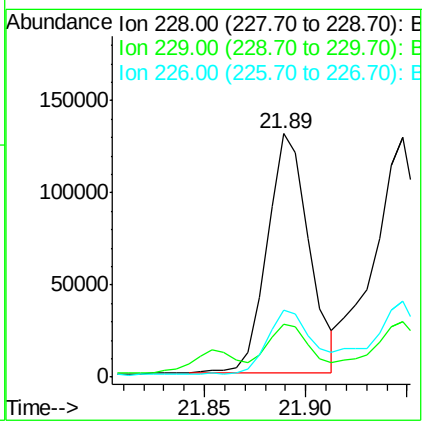


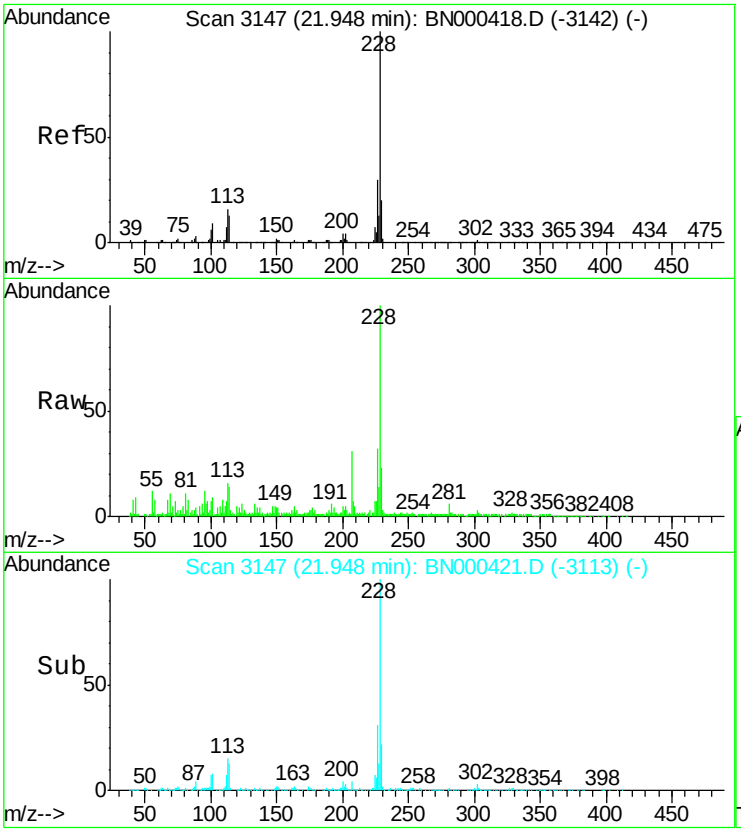


#20
Benzo(a)anthracene
Concen: 3.004 ng/ul m
RT: 21.89 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:228 Resp: 188008

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.7	21.1	31.7





#21
Chrysene
Concen: 3.387 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:228 Resp: 201131

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	23.4	15.8	23.8

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
Sohil
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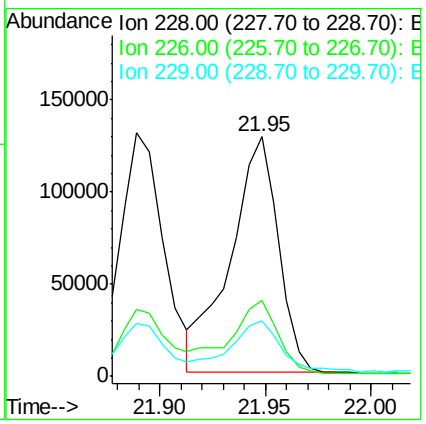
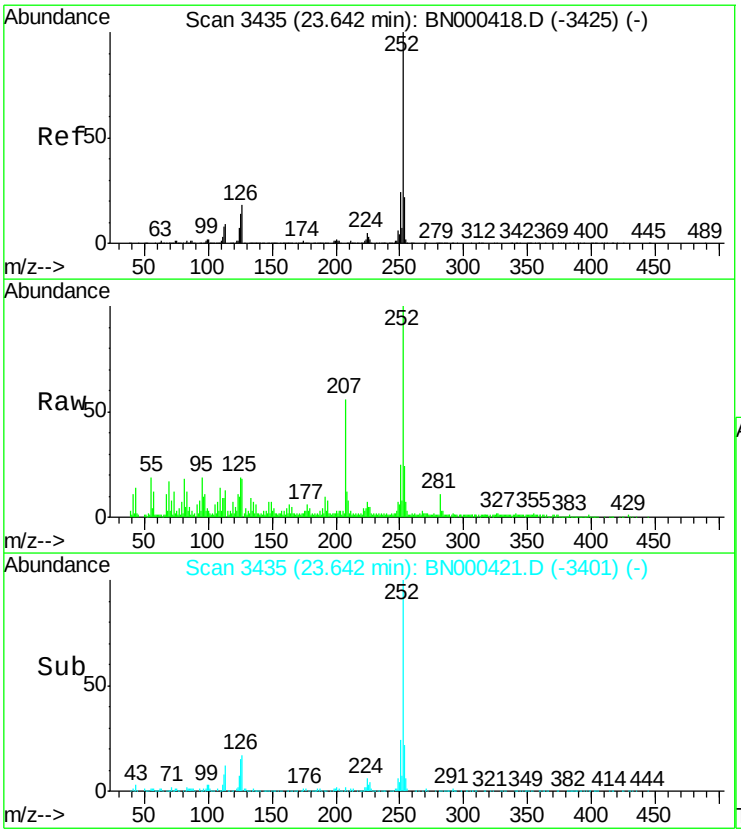
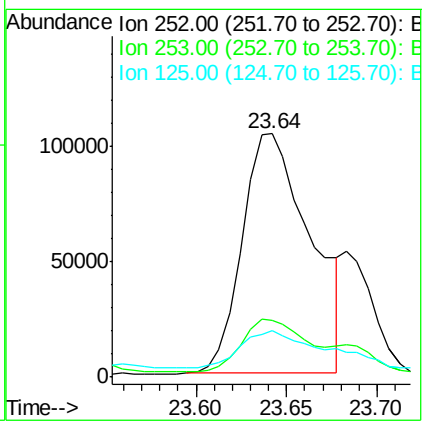


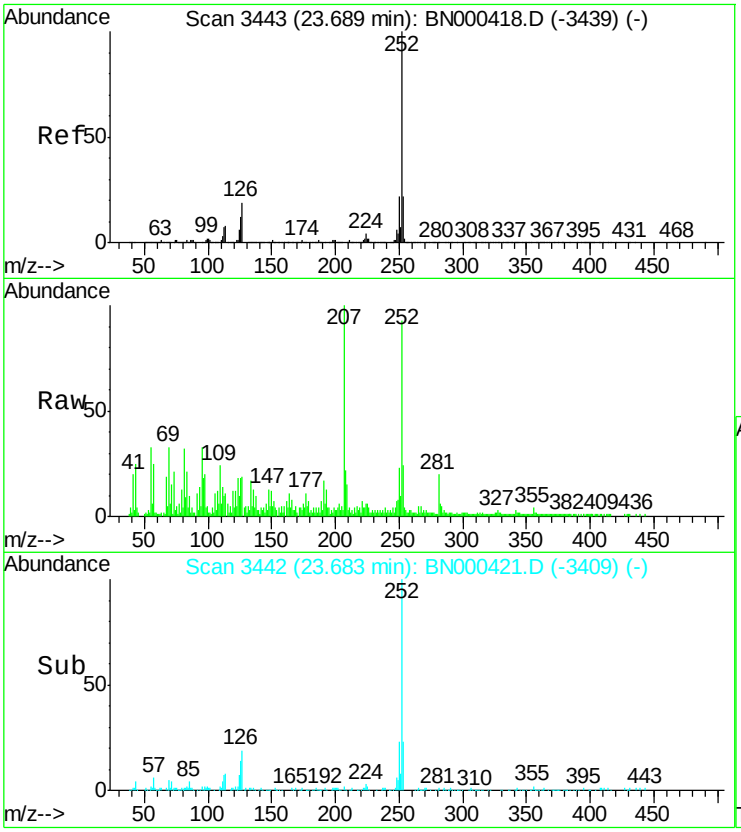


#23
Benzo(b)fluoranthene
Concen: 4.966 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. -0.00 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:252 Resp: 272997

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	19.0	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 1.282 ng/ul m
RT: 23.68 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:252 Resp: 65975

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	19.9	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
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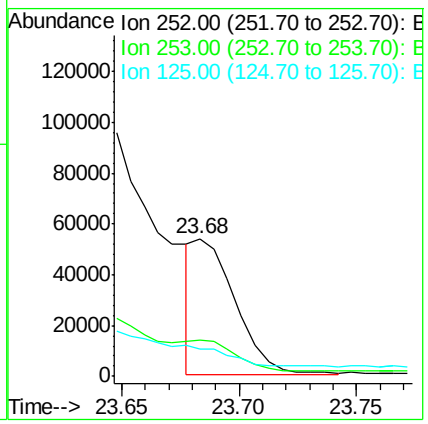
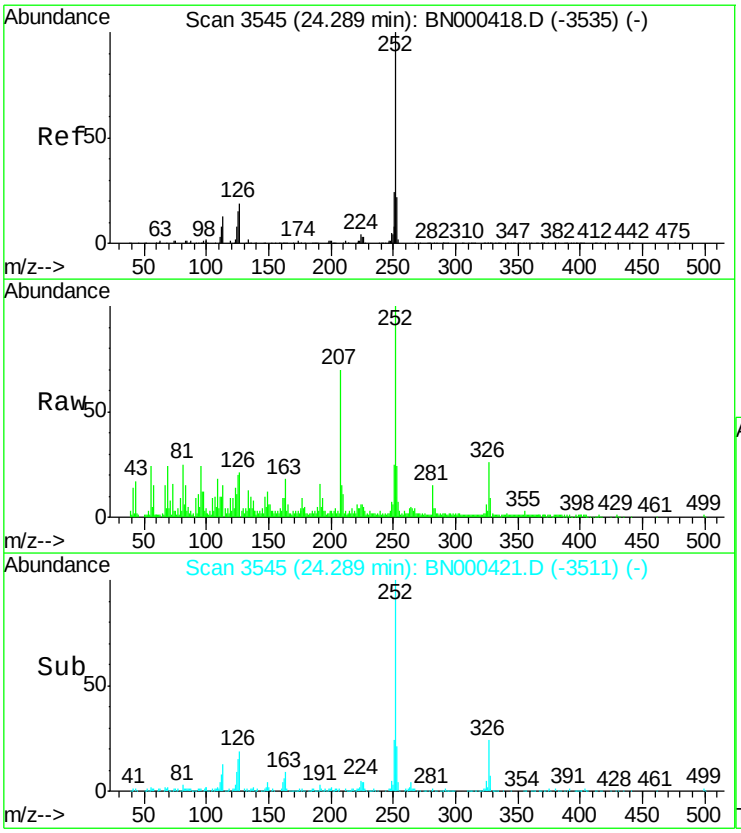
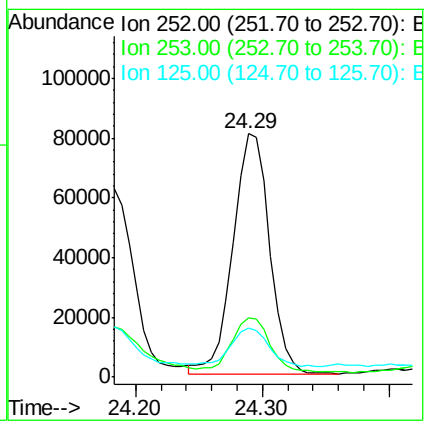


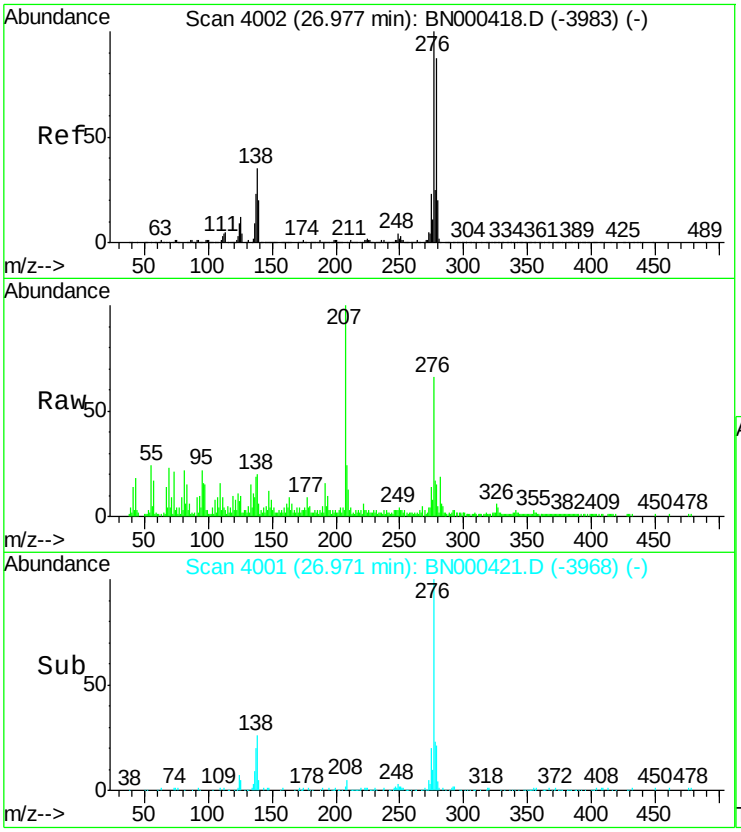


#26
Benzo(a)pyrene
Concen: 3.064 ng/ul
RT: 24.29 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:252 Resp: 160302

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	20.1	8.2	12.4#





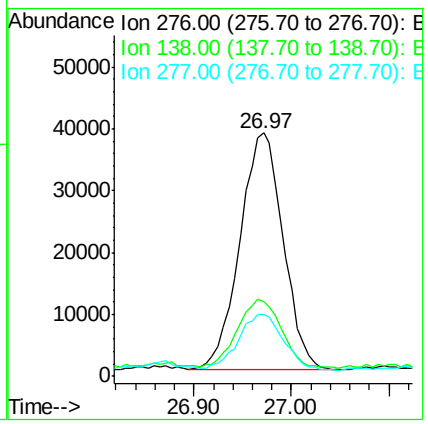
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng/ul
RT: 26.97 min Scan# 4001
Delta R.T. -0.01 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

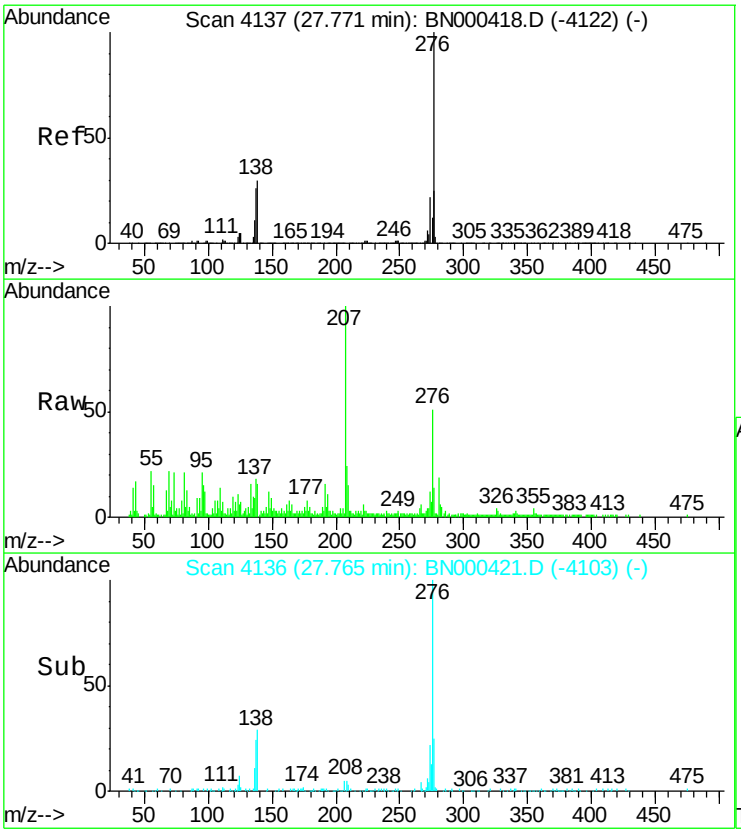
Tgt Ion:276 Resp: 118355

Ion	Ratio	Lower	Upper
276	100		
138	30.7	14.4	21.6#
277	25.6	18.0	27.0

Instrument :
BNA_N
ClientSampleId :
DAME5

Manual Integrations APPROVED
Sohil
3/16/2018 12:11:31 PM





#29
Benzo(g,h,i)perylene
Concen: 2.221 ng/ul
RT: 27.77 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN000421.D
Acq: 15 Mar 2018 18:20

Tgt Ion:276 Resp: 104620

Ion	Ratio	Lower	Upper
276	100		
138	32.5	15.3	22.9#
277	27.6	19.0	28.4