Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000425.D
Acq On : 15 Mar 2018 20:38
Operator : JU/SJ
Sample : J1864-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAMB2

Manual Integrations APPROVED
Sohil
3/16/2018 12:11:51 PM

Quant Time: Mar 16 07:13:11 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	205707	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	985810	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	560747	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1255559	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1116215	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1042270	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1382461	24.84	ng/ul	0.00
10) Fluorene-d10	16.05	176	911222	24.18	ng/ul	0.00
14) Anthracene-d10	17.89	188	1426422	24.32	ng/ul	0.00
18) Pyrene-d10	20.14	212	1507591	27.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1164914	24.48	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.83	178	83995	1.167	ng/ul	98
16) Fluoranthene	19.81	202	201376	2.588	ng/ul#	91
19) Pyrene	20.17	202	185552m	2.633	ng/ul	
20) Benzo(a)anthracene	21.89	228	98802m	1.424	ng/ul	
21) Chrysene	21.95	228	111382m	1.691	ng/ul	
23) Benzo(b)fluoranthene	23.64	252	159938	2.573	ng/ul#	87
26) Benzo(a)pyrene	24.29	252	96267	1.627	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.97	276	73120	1.146	ng/ul#	77
29) Benzo(g,h,i)perylene	27.77	276	65651	1.233	ng/ul#	84

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

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Manual Integrations APPROVED
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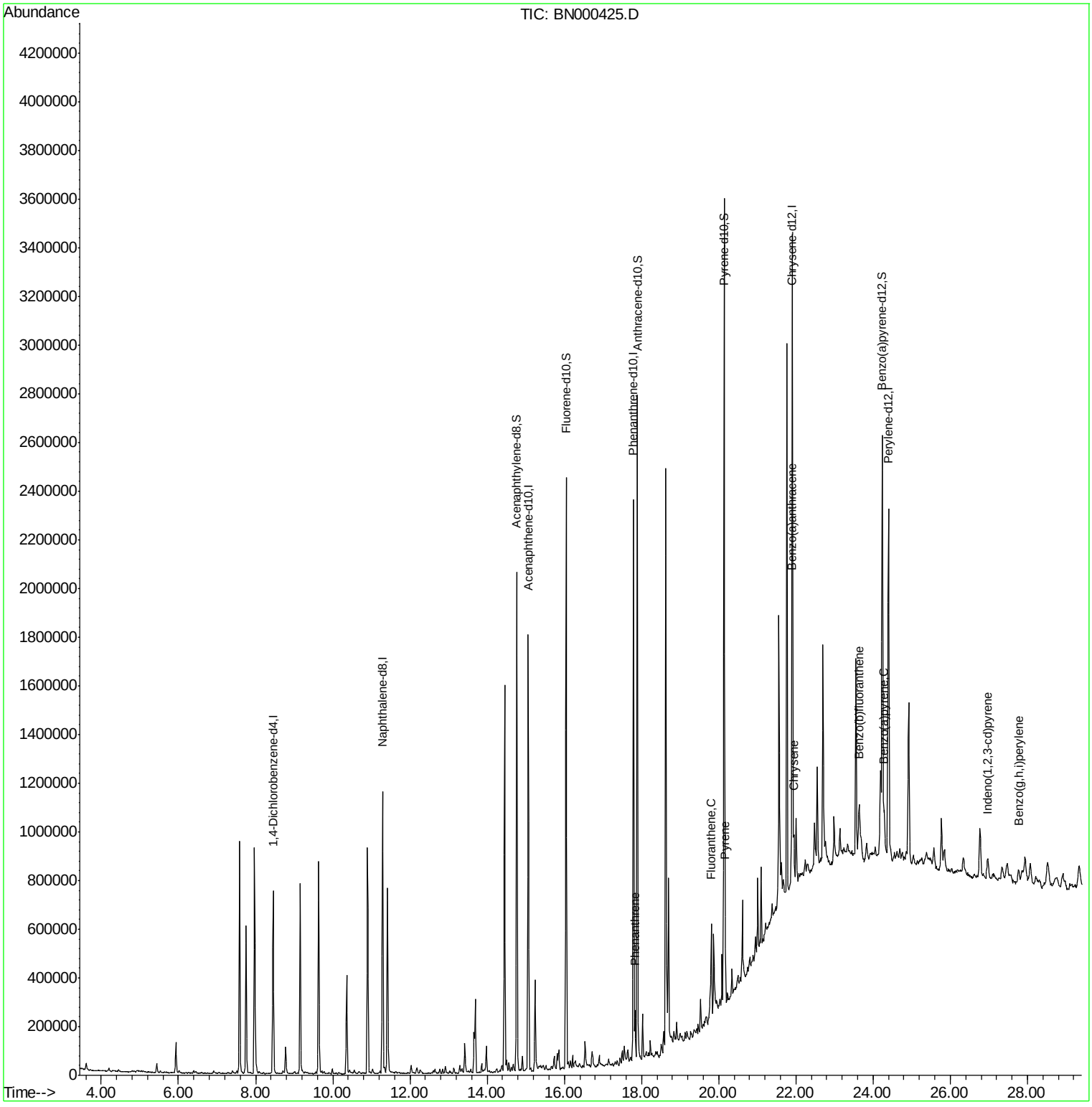
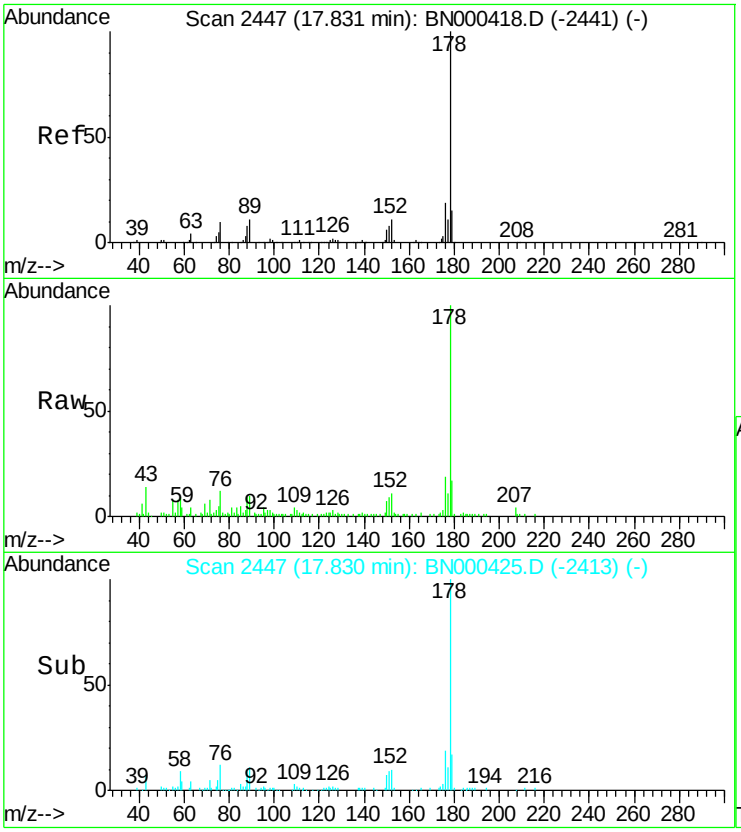
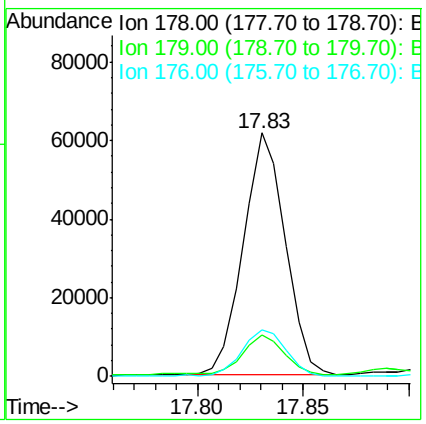




#13
Phenanthrene
Concen: 1.167 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:178 Resp: 83995

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	19.2	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAMB2

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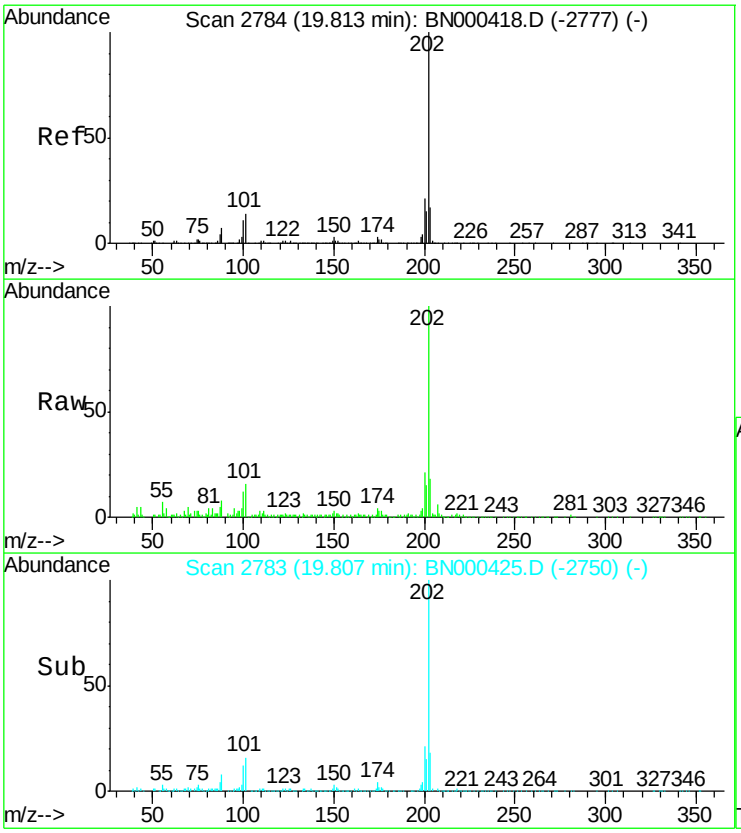
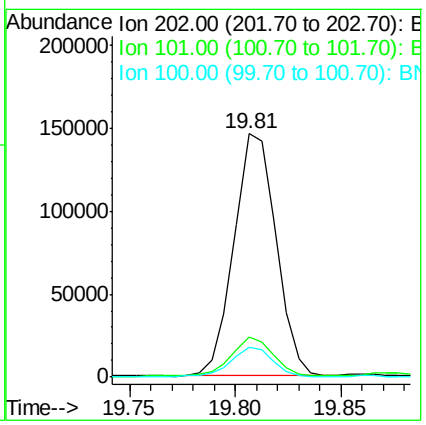
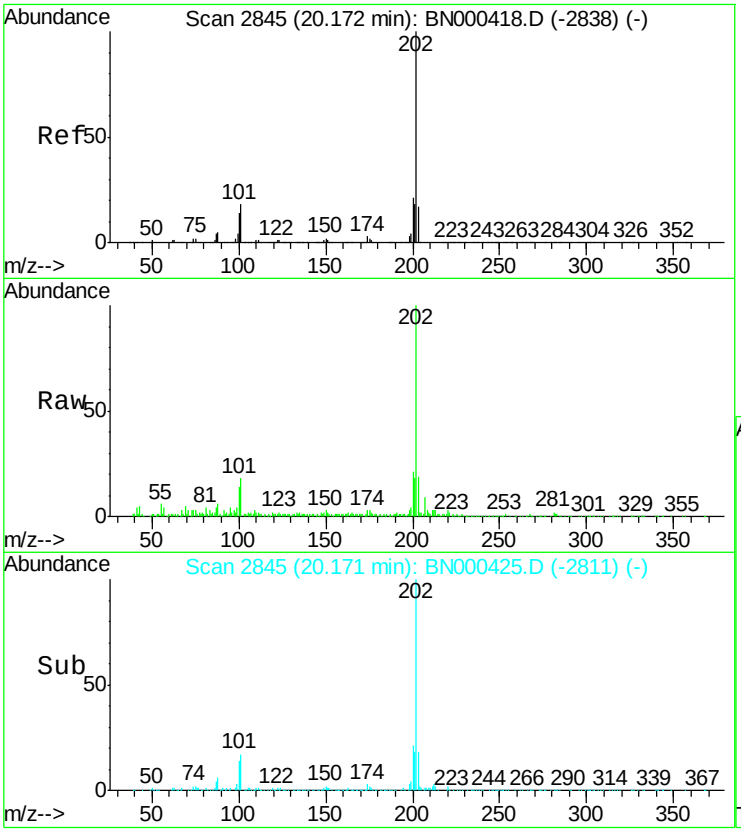


#16
Fluoranthene
Concen: 2.588 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:202 Resp: 201376

Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.9	14.9#
100	12.1	7.4	11.0#





#19
Pyrene
Concen: 2.633 ng/ul m
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:202 Resp: 185552

Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.1	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAMB2

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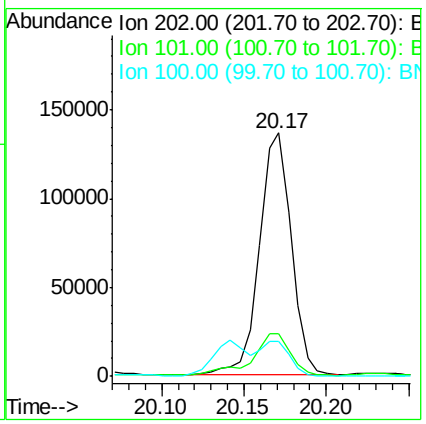
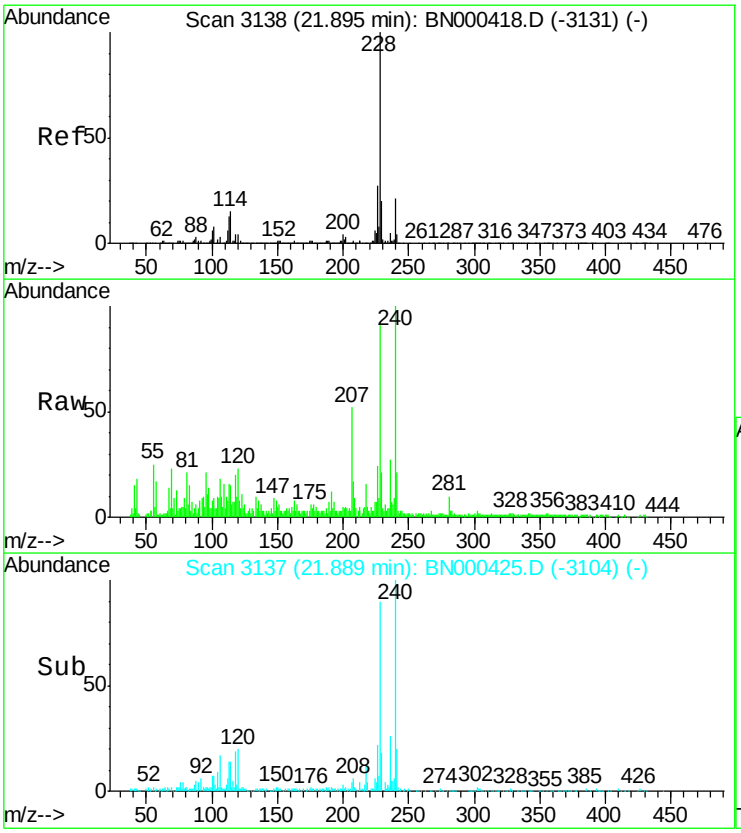
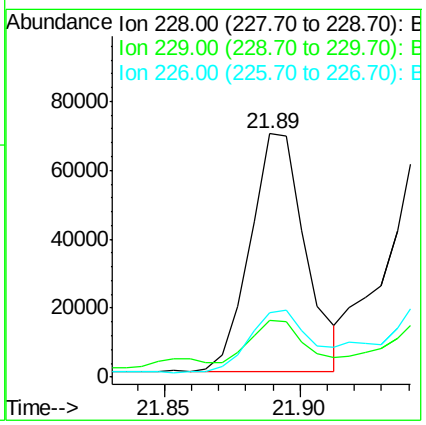


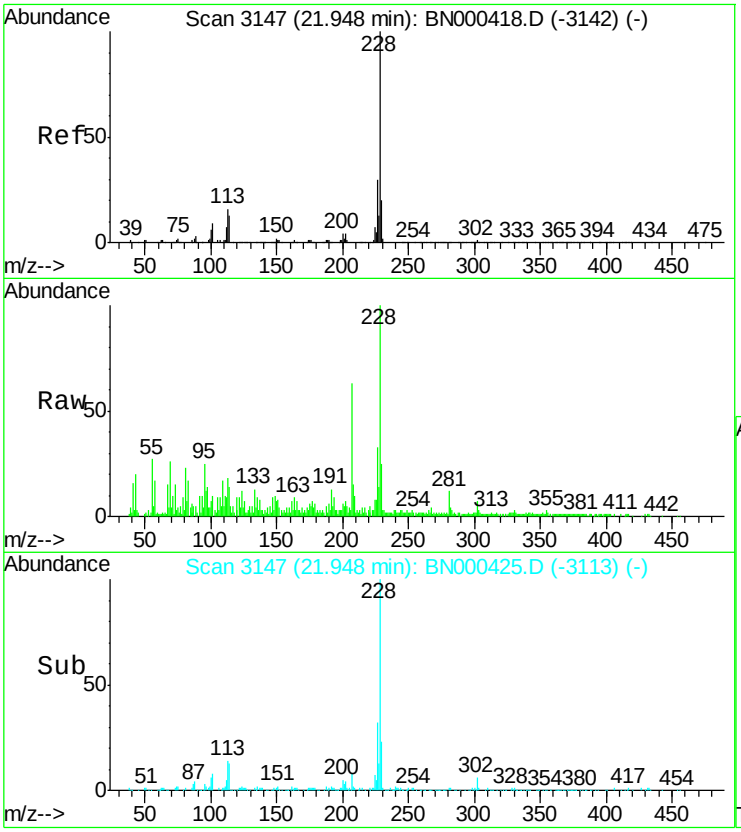


#20
Benzo(a)anthracene
Concen: 1.424 ng/ul m
RT: 21.89 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:228 Resp: 98802

Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.7	23.5
226	26.5	21.1	31.7

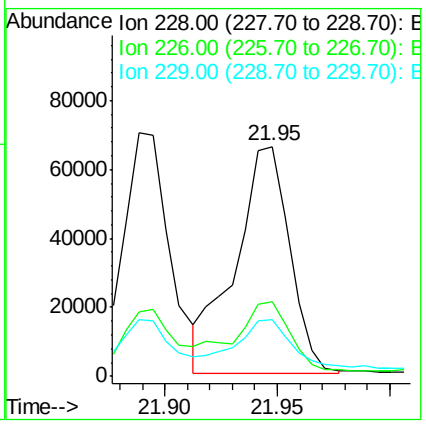




#21
Chrysene
Concen: 1.691 ng/ul m
RT: 21.95 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:228 Resp: 111382

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.5	36.7
229	24.9	15.8	23.8#



Instrument :
BNA_N
ClientSampleId :
DAMB2

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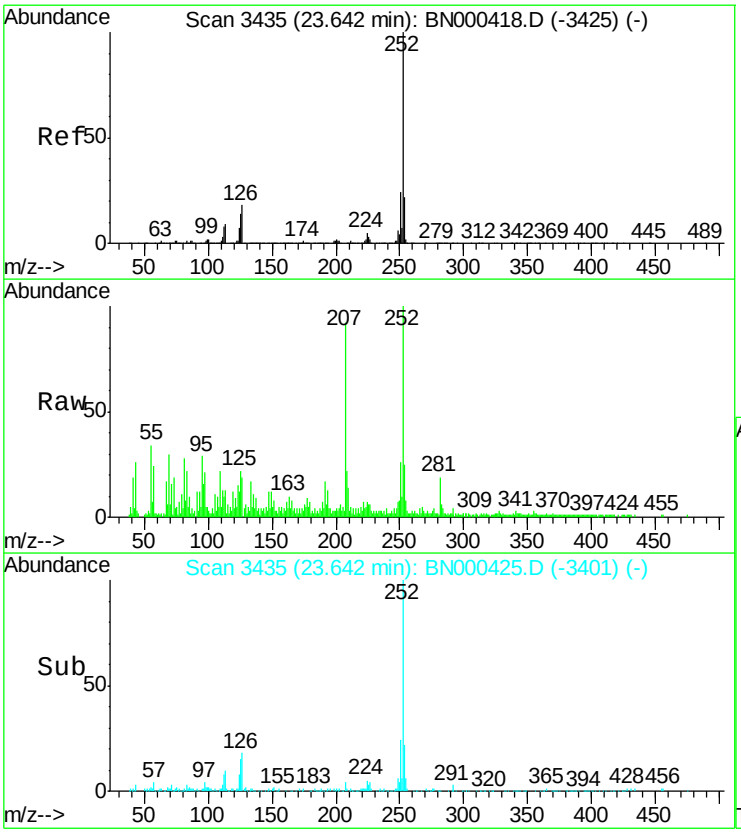
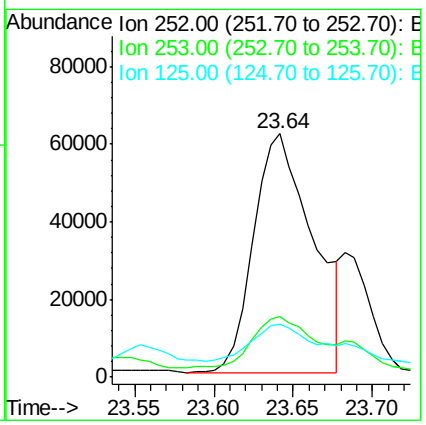
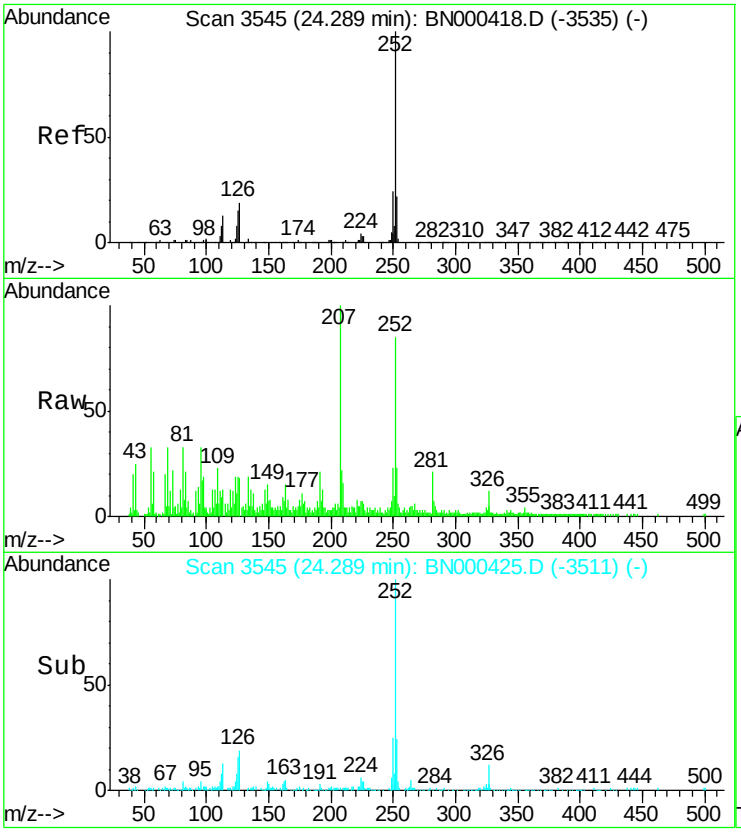


#23
Benzo(b)fluoranthene
Concen: 2.573 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:252 Resp: 159938

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	21.6	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 1.627 ng/ul
RT: 24.29 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:252 Resp: 96267

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.2	25.8#
125	22.9	8.2	12.4#

Instrument :
BNA_N
ClientSampleId :
DAMB2

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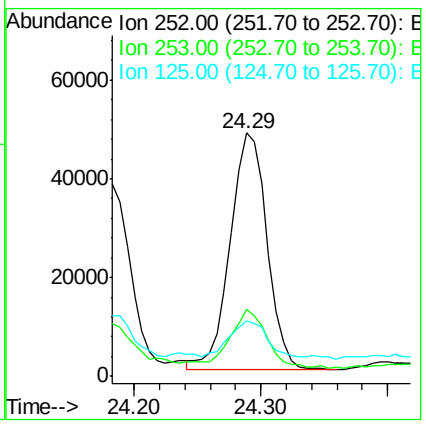
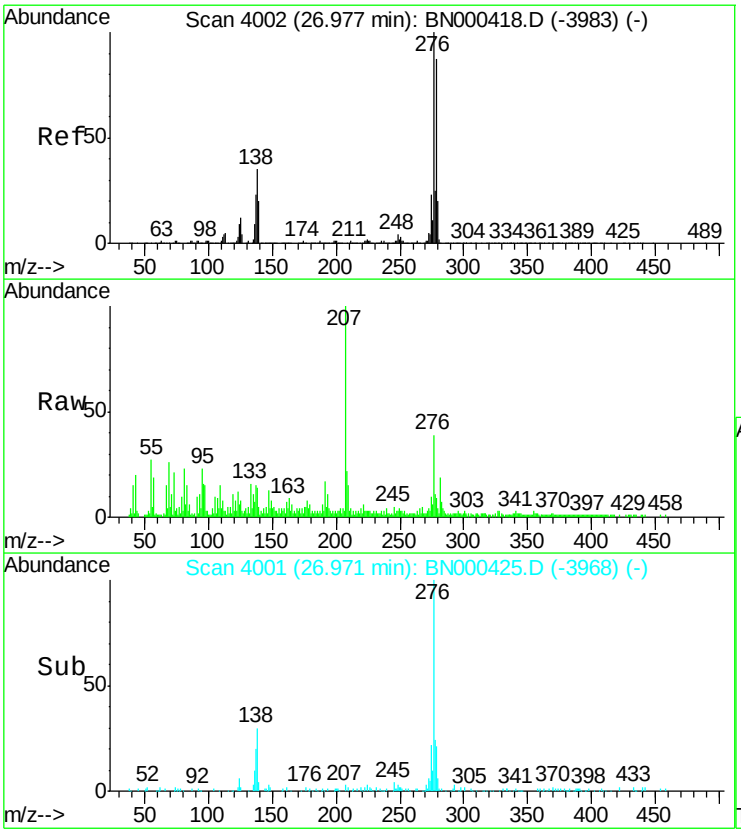
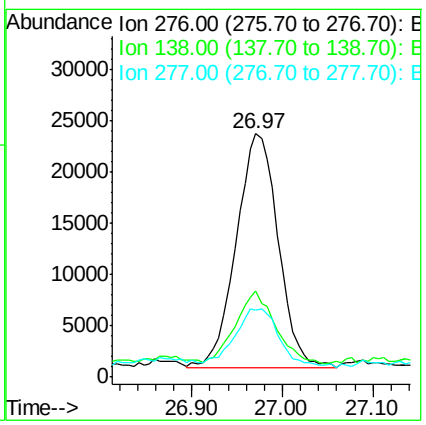


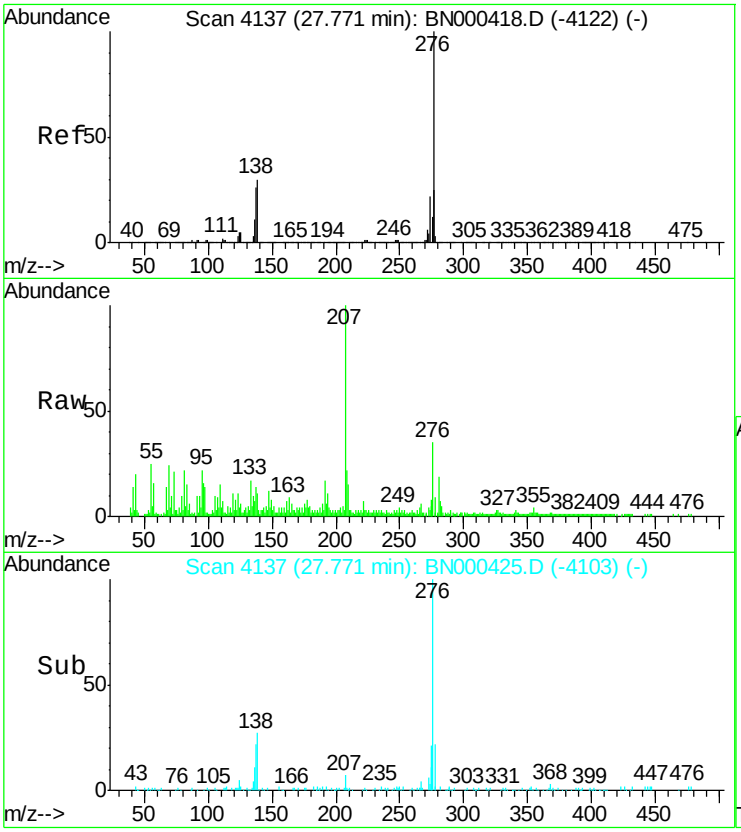


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.146 ng/ul
RT: 26.97 min Scan# 4001
Delta R.T. -0.01 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:276 Resp: 73120

Ion	Ratio	Lower	Upper
276	100		
138	35.3	14.4	21.6#
277	27.5	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 1.233 ng/ul
RT: 27.77 min Scan# 4137
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion:276 Resp: 65651

Ion	Ratio	Lower	Upper
276	100		
138	32.1	15.3	22.9#
277	26.8	19.0	28.4

Instrument :
BNA_N
ClientSampleId :
DAMB2

Manual Integrations APPROVED
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