Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
Data File : BN000439.D
Acq On : 16 Mar 2018 10:49
Operator : JU/SJ
Sample : J1866-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAMF6

Manual Integrations APPROVED
Sohil
3/19/2018 2:27:17 PM

Quant Time: Mar 16 18:09:37 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:34:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	262907	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1202037	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	640423	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1287104	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	997700	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	898170	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1731463	27.24	ng/ul	0.00
10) Fluorene-d10	16.05	176	1112381	25.84	ng/ul	0.00
14) Anthracene-d10	17.89	188	1625594	27.03	ng/ul	0.00
18) Pyrene-d10	20.15	212	1552894	31.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	1126528	27.47	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.84	178	169237	2.293	ng/ul	100
16) Fluoranthene	19.82	202	381450	4.783	ng/ul	95
19) Pyrene	20.18	202	364609	5.788	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	210375	3.392	ng/ul	95
21) Chrysene	21.96	228	237725	4.039	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	304535m	5.686	ng/ul	
24) Benzo(k)fluoranthene	23.69	252	91883m	1.833	ng/ul	
26) Benzo(a)pyrene	24.31	252	248463	4.874	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.00	276	143870	2.618	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.99	278	46490	1.032	ng/ul#	56
29) Benzo(g,h,i)perylene	27.81	276	265313	5.781	ng/ul#	86

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

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Manual Integrations APPROVED
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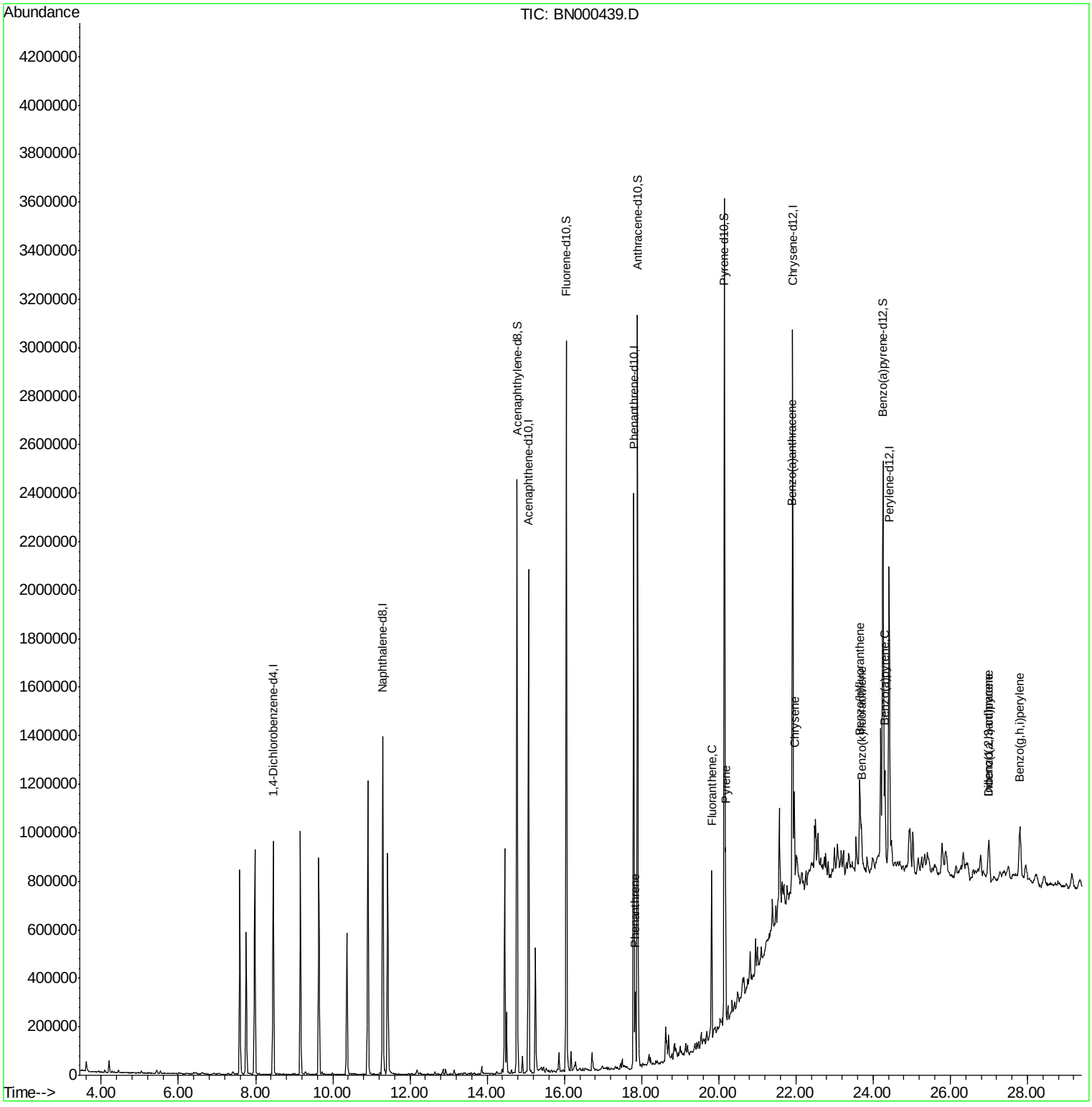
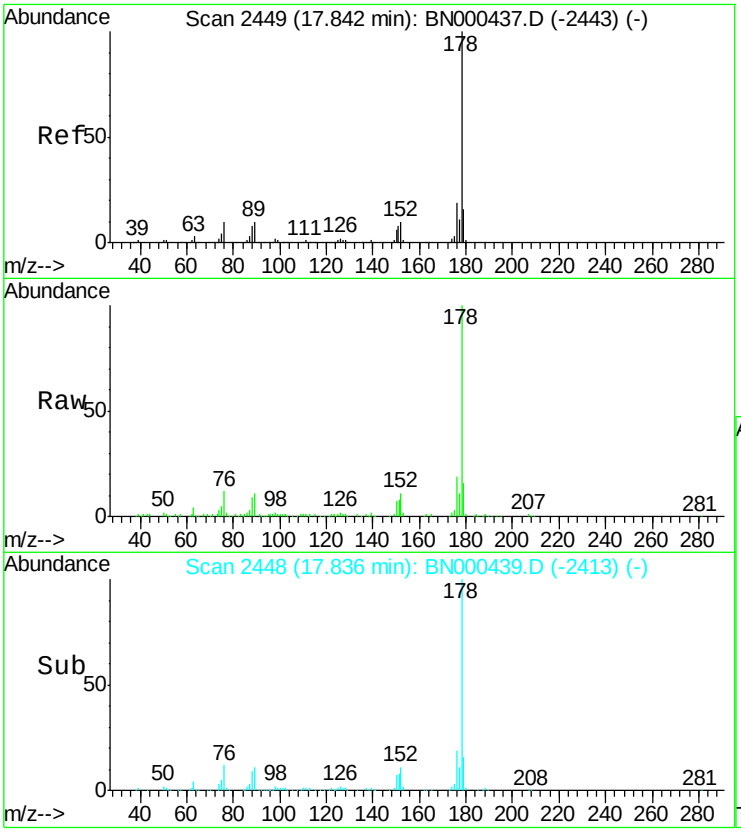
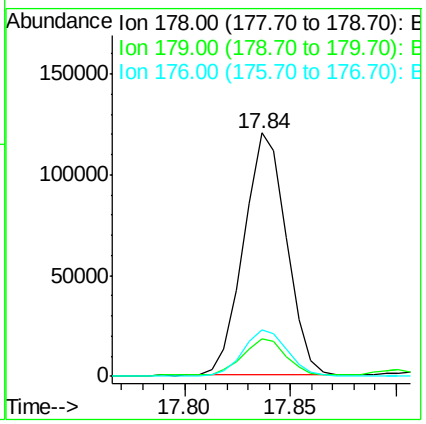




#13
Phenanthrene
Concen: 2.293 ng/ul
RT: 17.84 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:178 Resp: 169237

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAMF6

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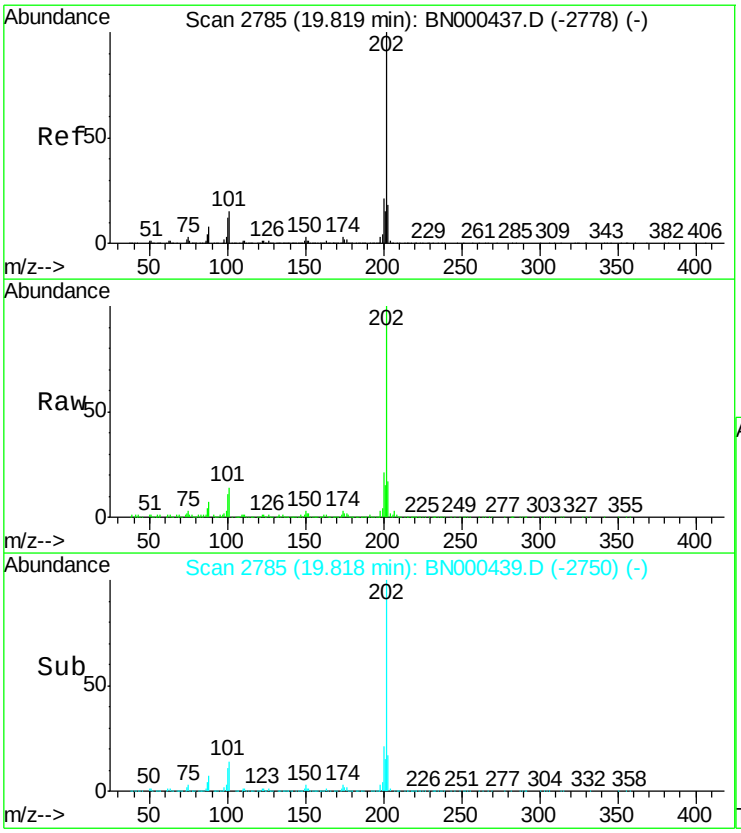
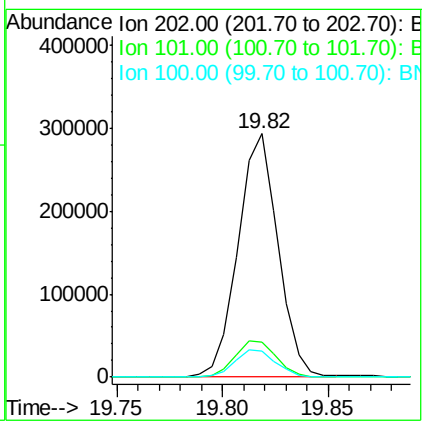
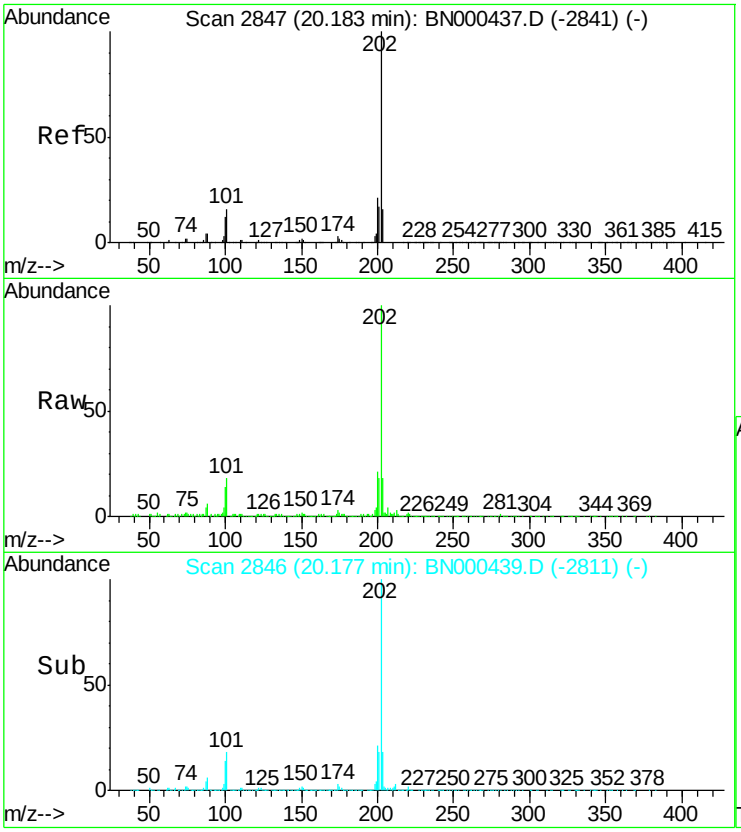


#16
Fluoranthene
Concen: 4.783 ng/ul
RT: 19.82 min Scan# 2785
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:202 Resp: 381450

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	10.8	7.4	11.0





#19
Pyrene
Concen: 5.788 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:202 Resp: 364609

Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.4	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAMF6

Manual Integrations APPROVED
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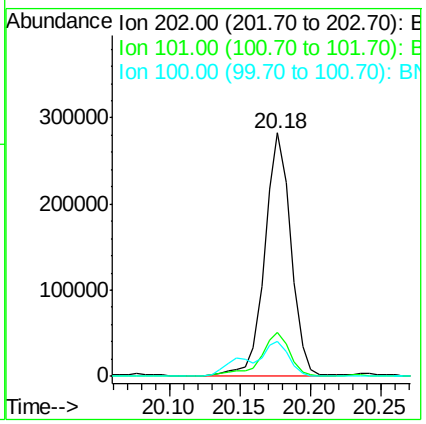
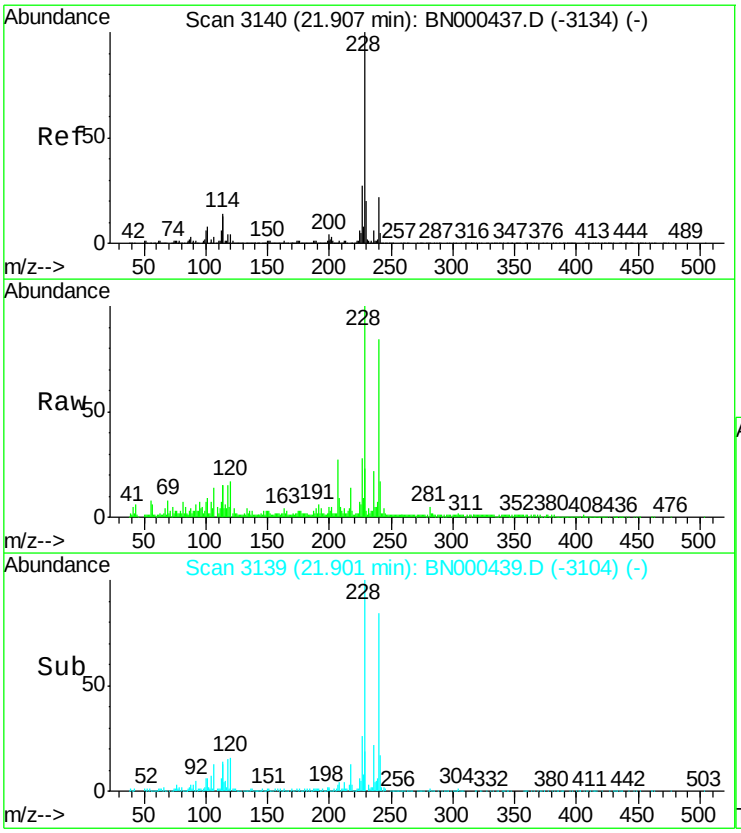
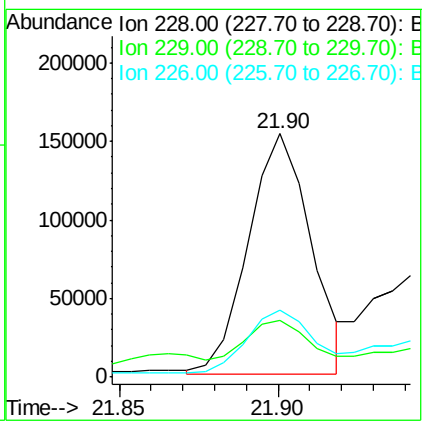


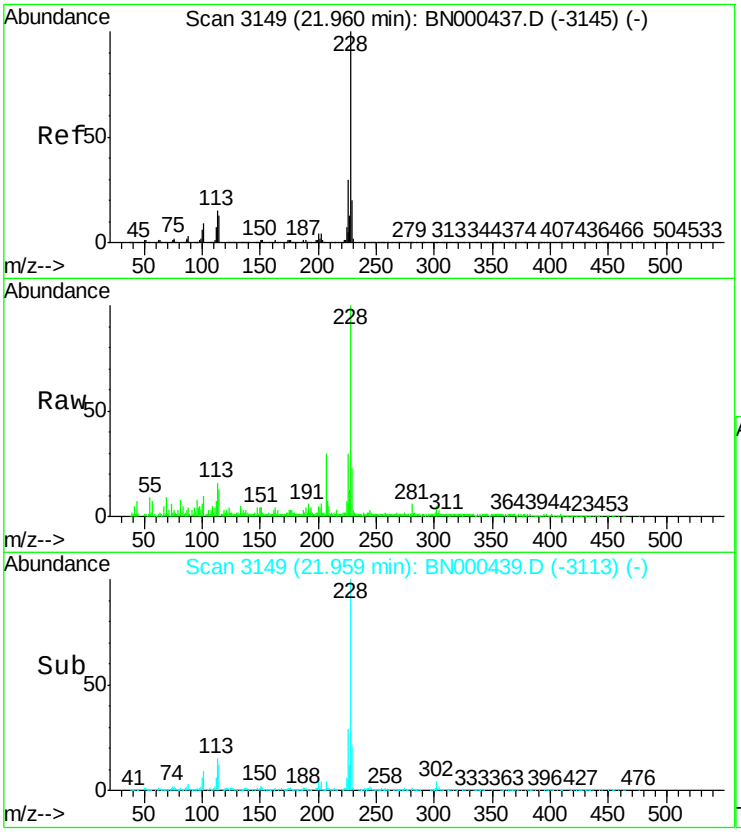


#20
Benzo(a)anthracene
Concen: 3.392 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:228 Resp: 210375

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	27.6	21.1	31.7

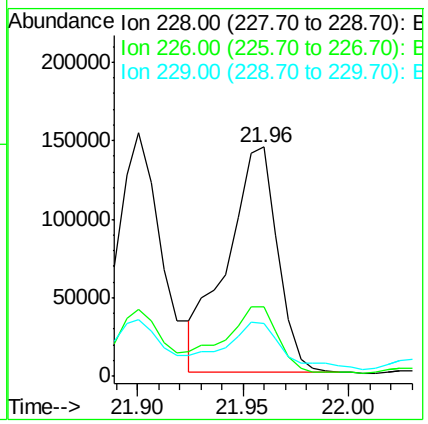




#21
Chrysene
Concen: 4.039 ng/ul
RT: 21.96 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:228 Resp: 237725

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	23.2	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAMF6

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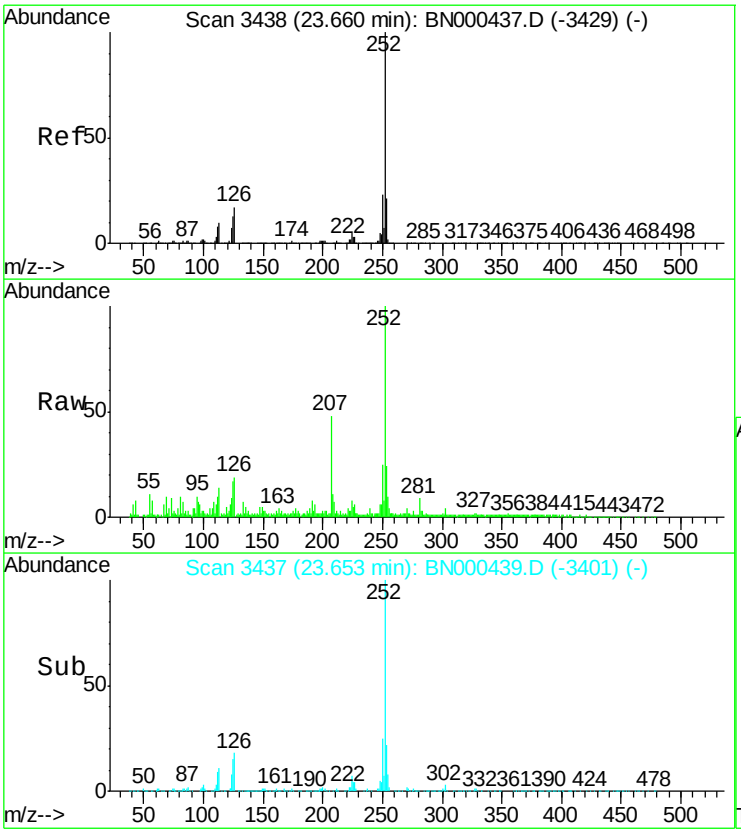
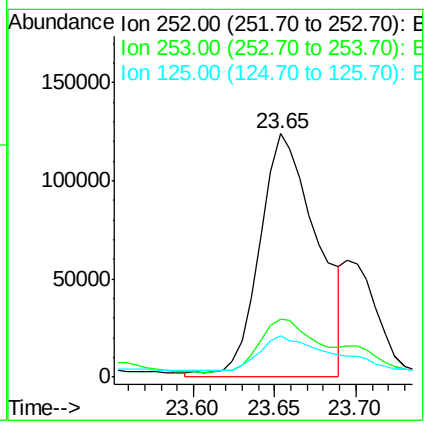
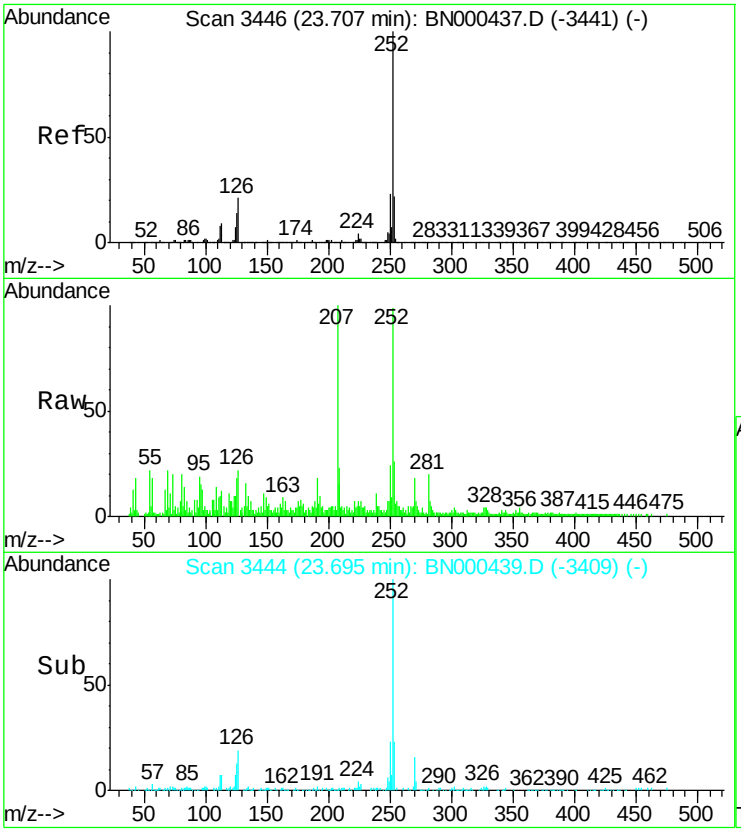


#23
Benzo(b)fluoranthene
Concen: 5.686 ng/ul m
RT: 23.65 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:252 Resp: 304535

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.1	8.0	12.0#

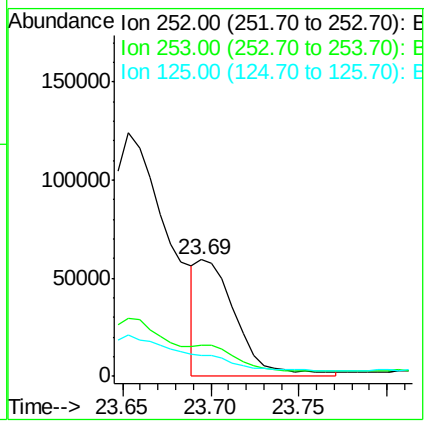




#24
Benzo(k)fluoranthene
Concen: 1.833 ng/ul m
RT: 23.69 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:252 Resp: 91883

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.0	27.0
125	18.2	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAMF6

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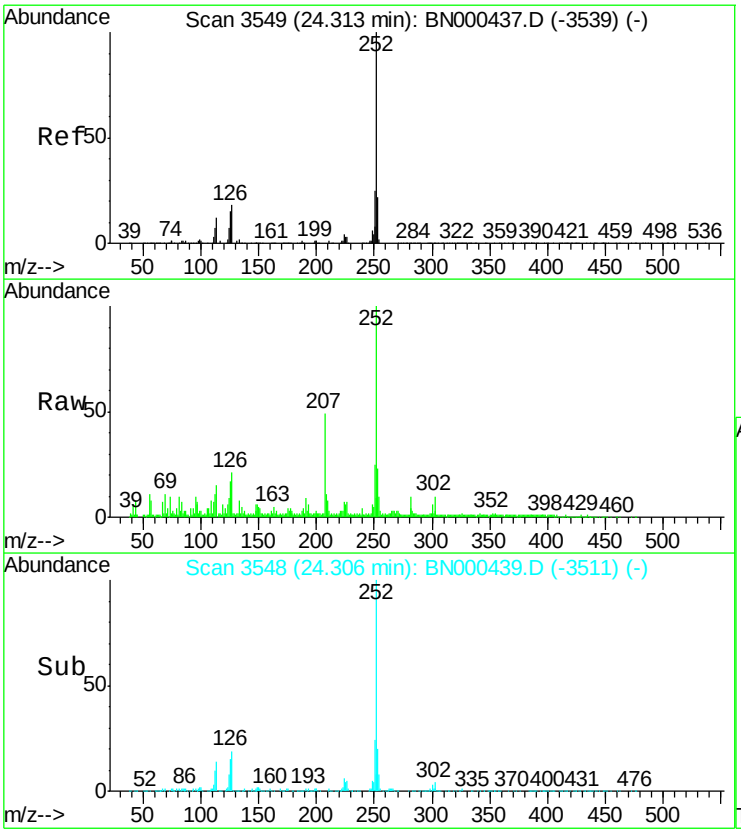
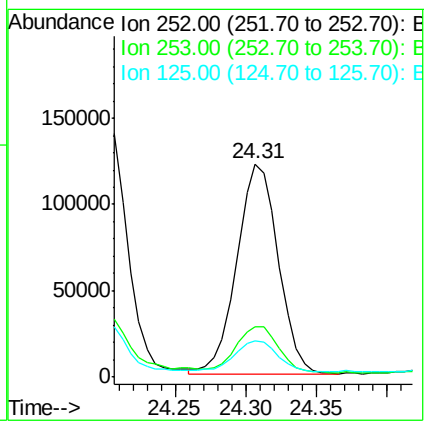
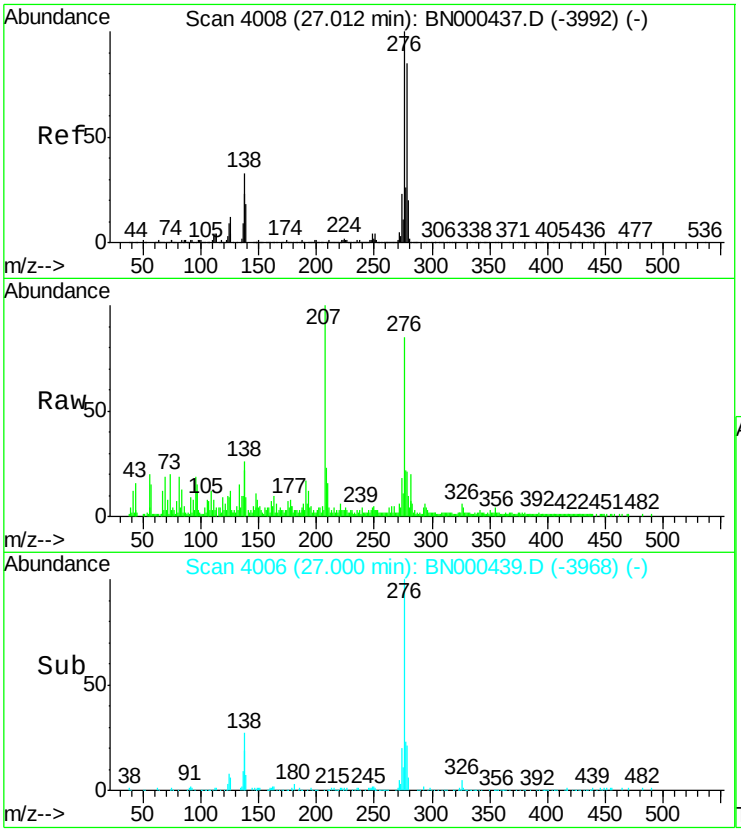


#26
Benzo(a)pyrene
Concen: 4.874 ng/ul
RT: 24.31 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:252 Resp: 248463

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	16.9	8.2	12.4#

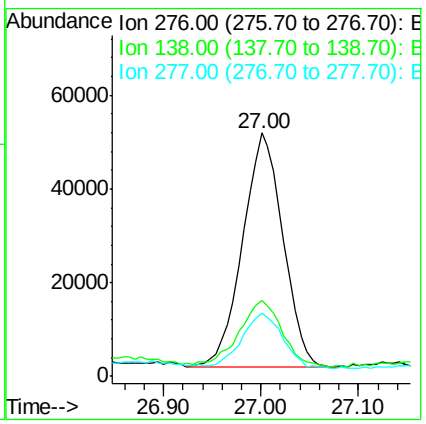




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.618 ng/ul
RT: 27.00 min Scan# 4006
Delta R.T. 0.02 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:276 Resp: 143870

Ion	Ratio	Lower	Upper
276	100		
138	31.2	14.4	21.6#
277	26.0	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAMF6

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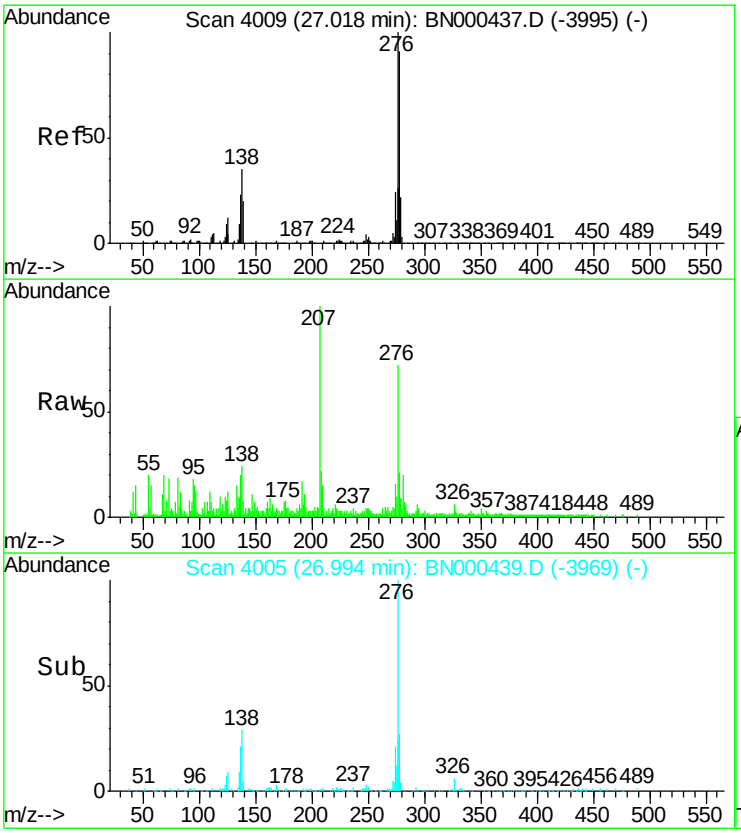
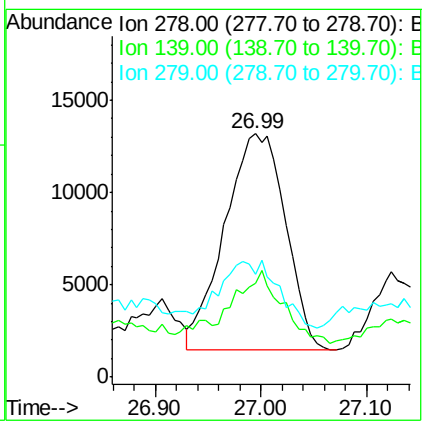
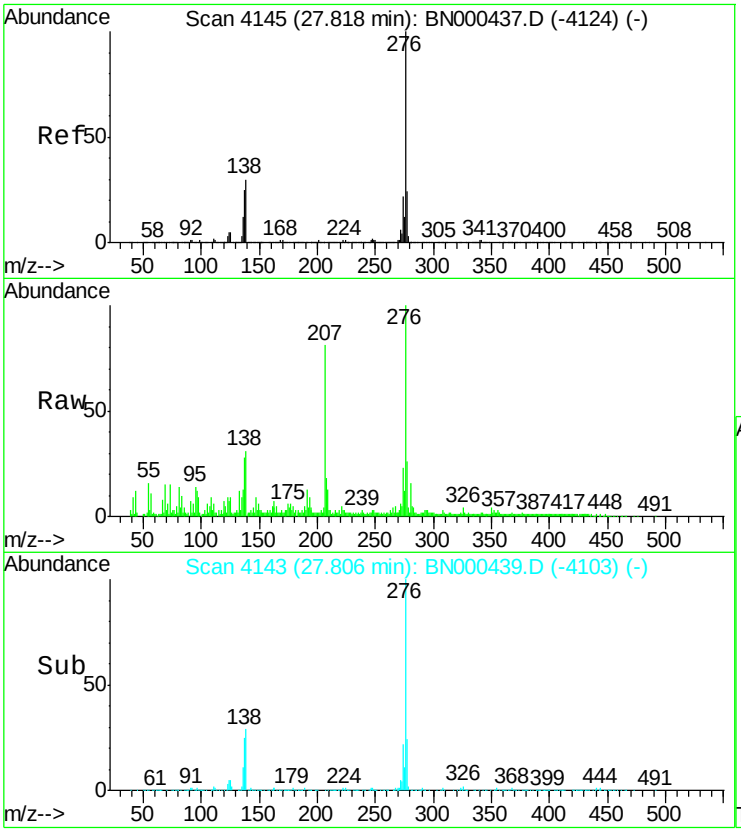


#28
Dibenzo(a,h)anthracene
Concen: 1.032 ng/ul
RT: 26.99 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:278 Resp: 46490

Ion	Ratio	Lower	Upper
278	100		
139	38.4	12.2	18.4#
279	42.0	19.2	28.8#

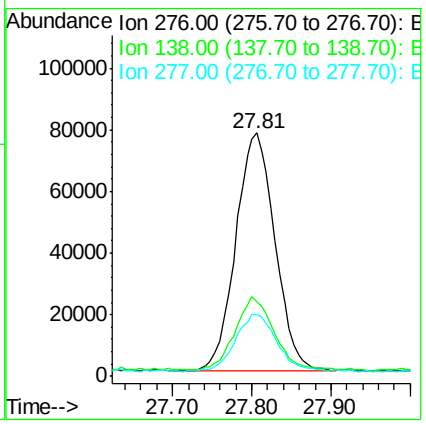




#29
Benzo(g,h,i)perylene
Concen: 5.781 ng/ul
RT: 27.81 min Scan# 4143
Delta R.T. 0.03 min
Lab File: BN000439.D
Acq: 16 Mar 2018 10:49

Tgt Ion:276 Resp: 265313

Ion	Ratio	Lower	Upper
276	100		
138	30.8	15.3	22.9#
277	25.6	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAMF6

Manual Integrations APPROVED
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