Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012920.D
Acq On : 12 Nov 2017 01:55
Operator : SJ/JU
Sample : I6319-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAHK6

Manual Integrations APPROVED
SOHIL
11/13/2017 4:49:55 PM

Quant Time: Nov 13 03:23:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	89883	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	341459	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	199983	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	462480	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	566602	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	645924	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	739591	35.56	ng/ul	0.00
10) Fluorene-d10	15.42	176	525662	36.95	ng/ul	0.00
14) Anthracene-d10	17.27	188	838396	37.50	ng/ul	0.00
18) Pyrene-d10	19.56	212	966452	38.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	1181933	38.76	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.15	152	27150	1.341	ng/ul	97
13) Phenanthrene	17.21	178	230484	9.023	ng/ul	99
16) Fluoranthene	19.23	202	567227	18.051	ng/ul#	92
19) Pyrene	19.59	202	473828	14.568	ng/ul#	93
20) Benzo(a)anthracene	21.34	228	265438	7.614	ng/ul	96
21) Chrysene	21.39	228	263782	8.466	ng/ul	98
23) Benzo(b)fluoranthene	22.94	252	462743m	12.047	ng/ul	
24) Benzo(k)fluoranthene	22.99	252	130944m	3.567	ng/ul	
26) Benzo(a)pyrene	23.53	252	284541m	7.638	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.93	276	245605	5.111	ng/ul	94
28) Dibenzo(a,h)anthracene	25.93	278	61715	1.528	ng/ul#	89
29) Benzo(g,h,i)perylene	26.64	276	208385	5.195	ng/ul#	94

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

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Misc   :
ALS Vial : 27   Sample Multiplier: 1

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Instrument :
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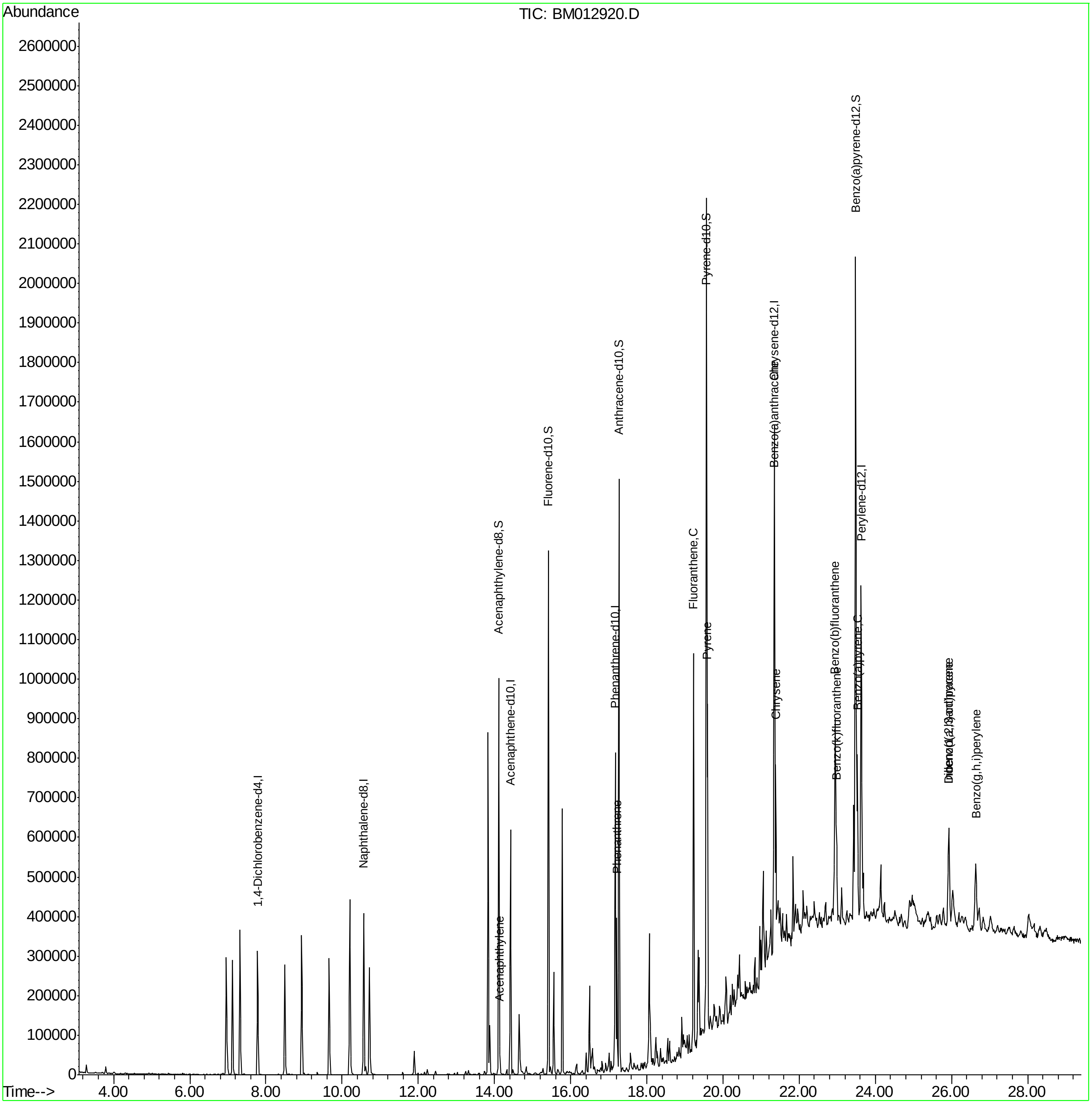

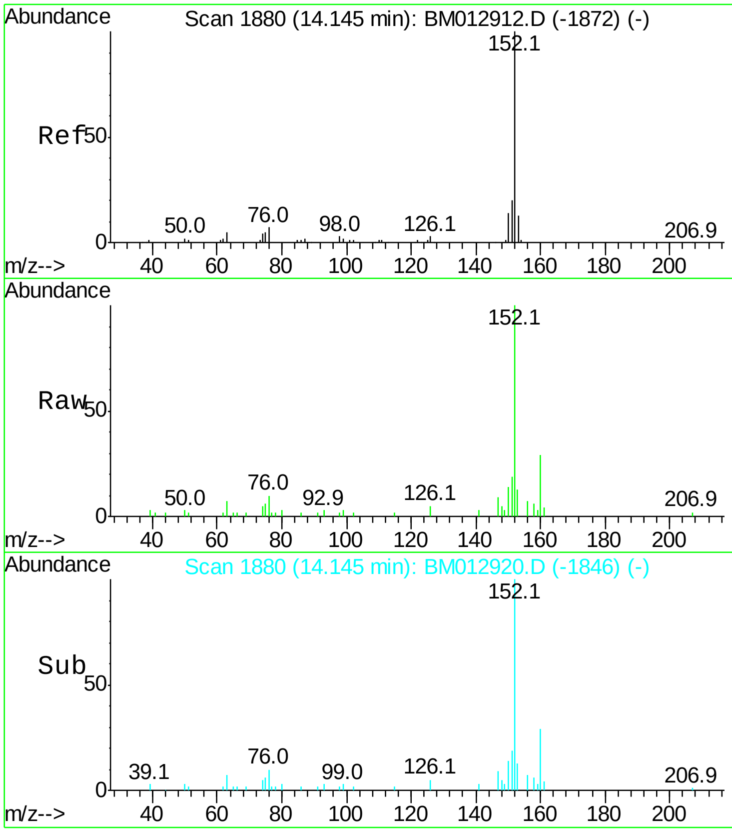

#8
Acenaphthylene
Concen: 1.341 ng/ul
RT: 14.15 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:152 Resp: 27150

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.7	25.1
153	13.2	10.2	15.4

Instrument :
BNA_M
ClientSampleId :
DAHK6

Manual Integrations APPROVED
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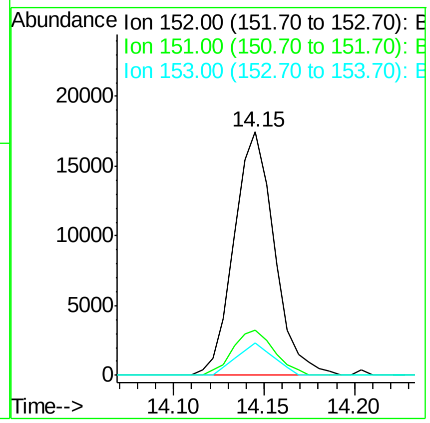
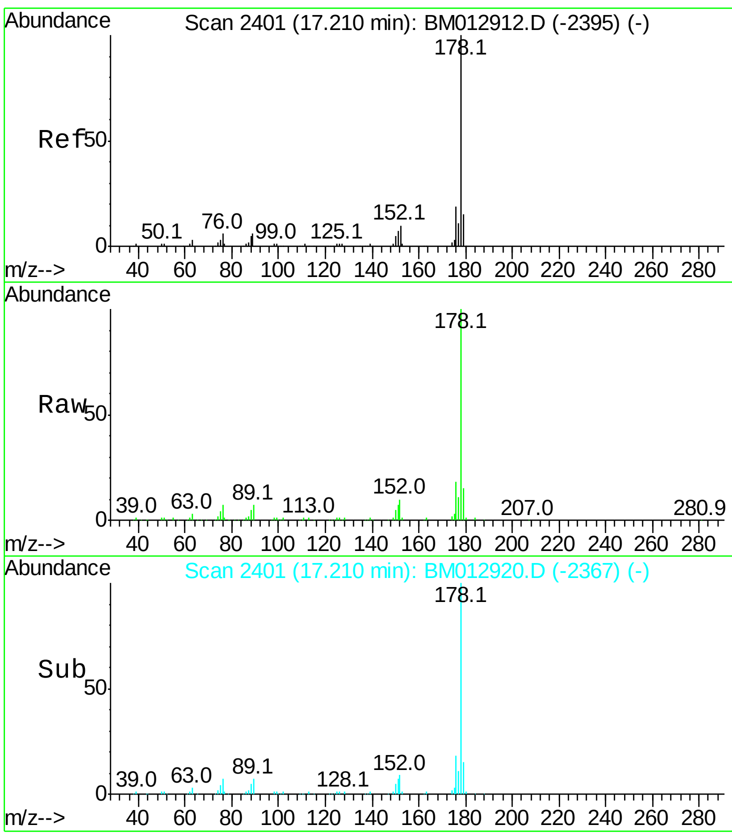
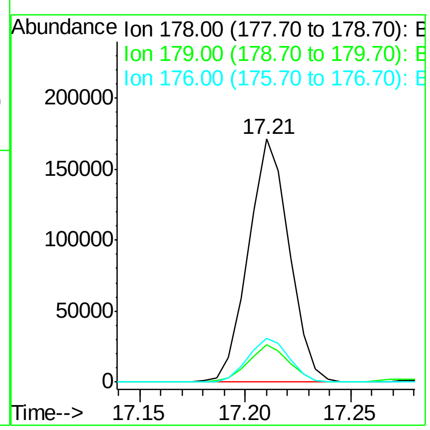


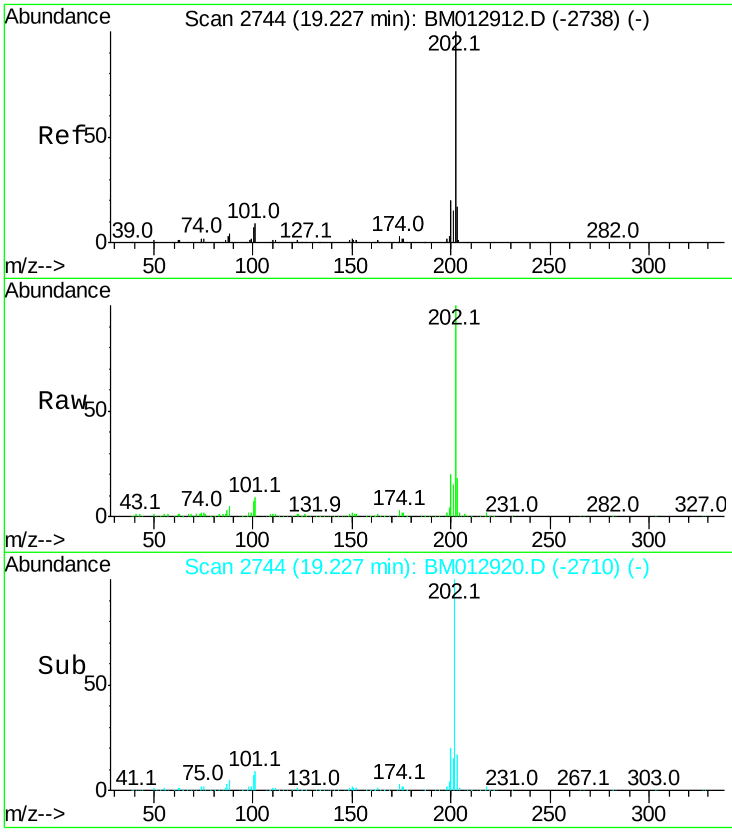


#13
Phenanthrene
Concen: 9.023 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:178 Resp: 230484

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	15.1	22.7





#16
Fluoranthene
Concen: 18.051 ng/ul
RT: 19.23 min   Scan# 2744
Delta R.T.   0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017   01:55

Tgt Ion:202 Resp: 567227

Ion	Ratio	Lower	Upper
202	100		
101	9.0	9.9	14.9#
100	6.6	7.4	11.0#

Instrument :
BNA_M
ClientSampleId :
DAHK6

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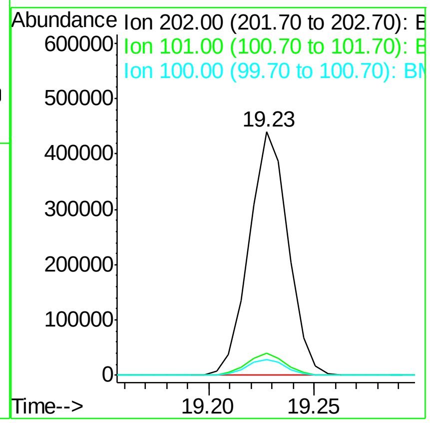
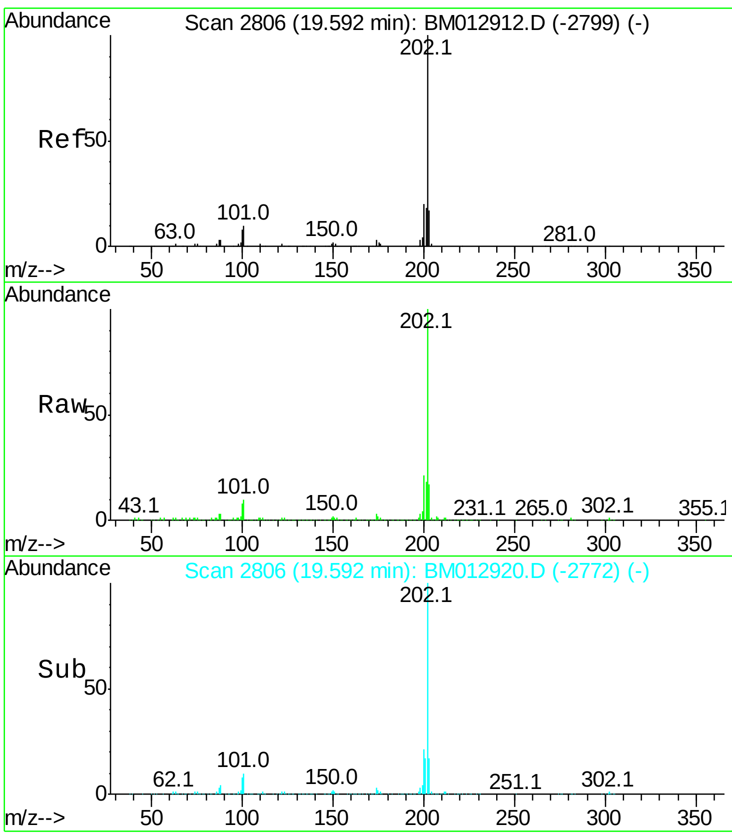
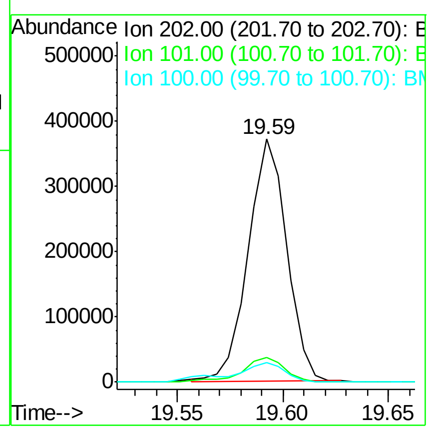


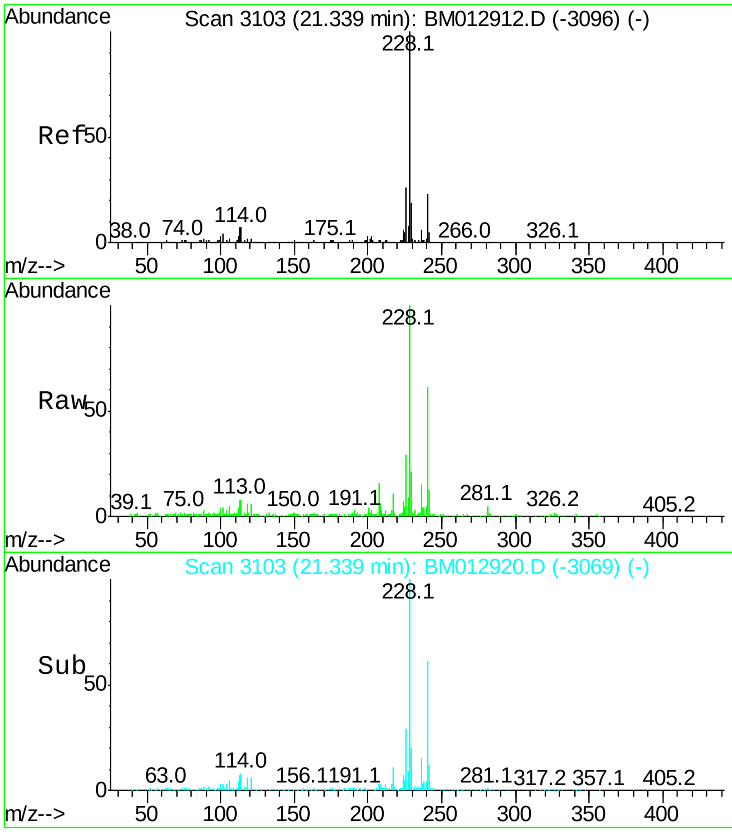


#19
Pyrene
Concen: 14.568 ng/ul
RT: 19.59 min   Scan# 2806
Delta R.T.   0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017   01:55

Tgt Ion:202 Resp: 473828

Ion	Ratio	Lower	Upper
202	100		
101	10.0	11.0	16.4#
100	8.3	8.1	12.1





#20
Benzo(a)anthracene
Concen: 7.614 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:228 Resp: 265438

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	29.2	21.1	31.7

Instrument :
BNA_M
ClientSampleId :
DAHK6

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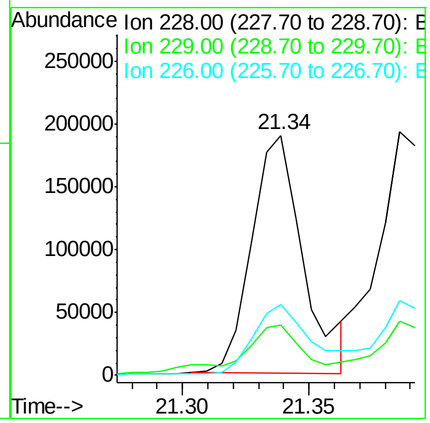
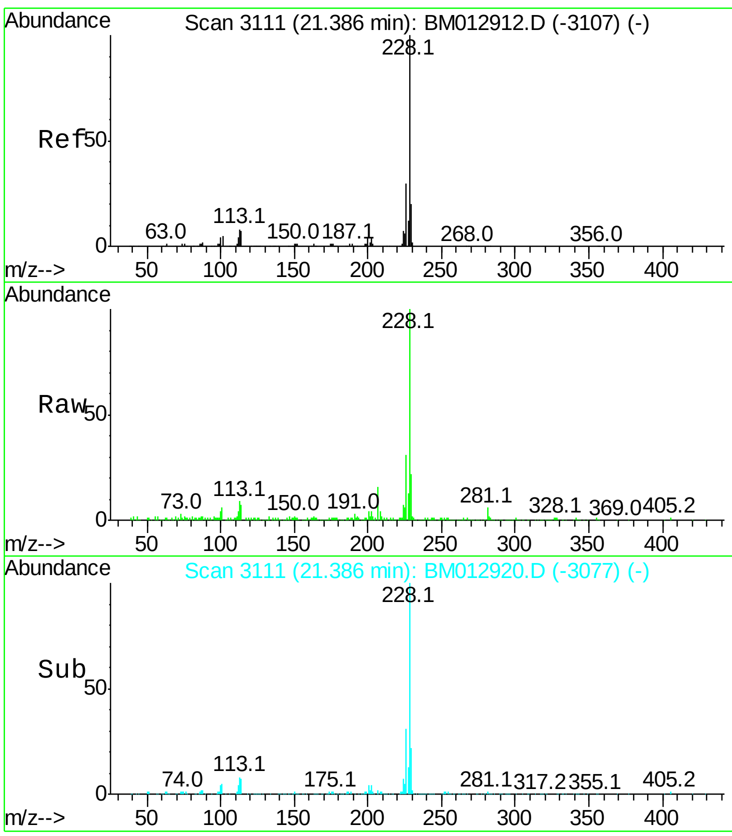
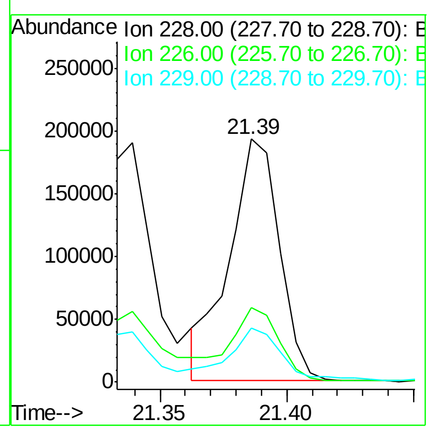


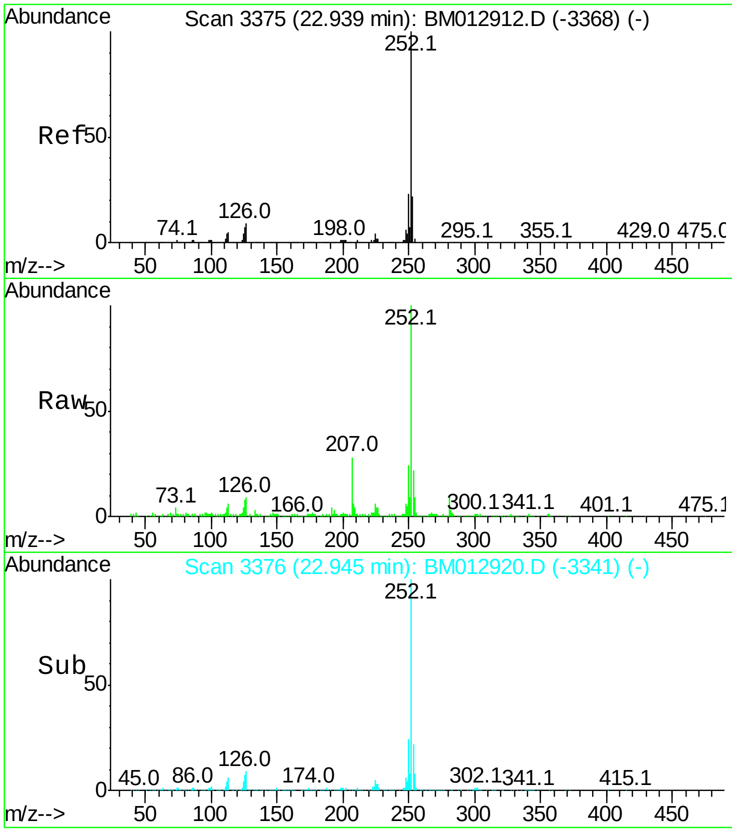


#21
Chrysene
Concen: 8.466 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:228 Resp: 263782

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	22.2	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 12.047 ng/ul m
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Instrument :
BNA_M
ClientSampleId :
DAHK6

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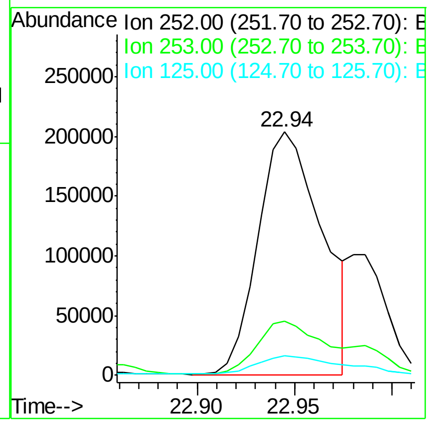
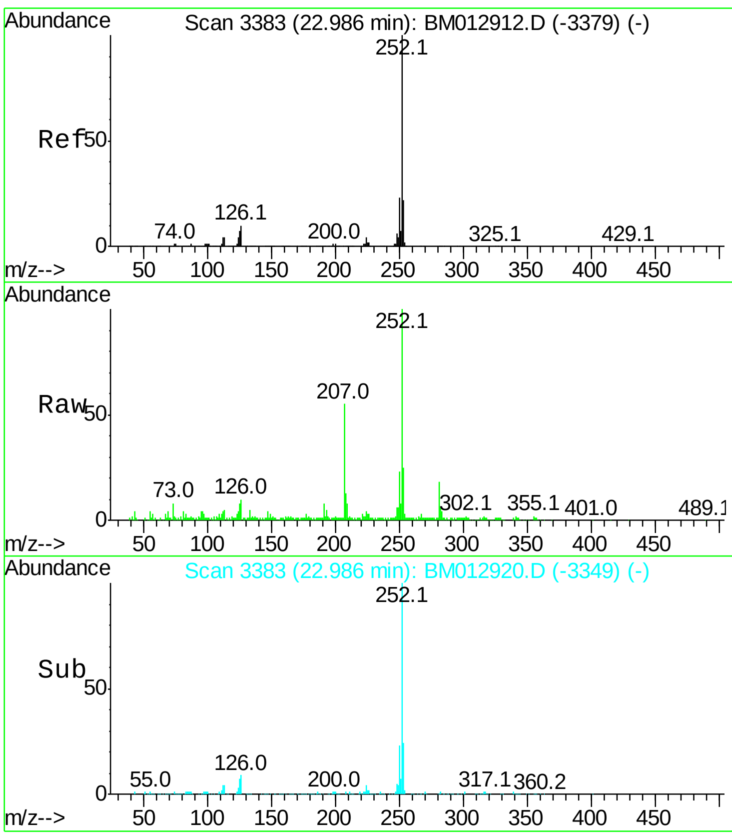
Tgt Ion:252 Resp: 462743

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	7.9	8.0	12.0#

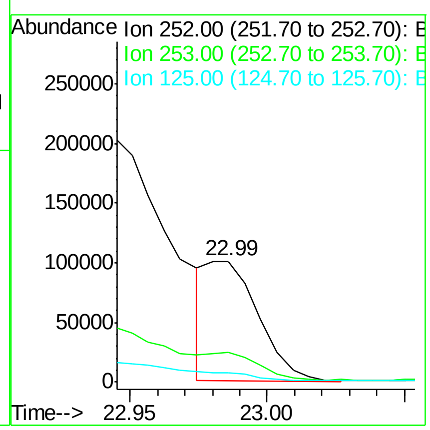


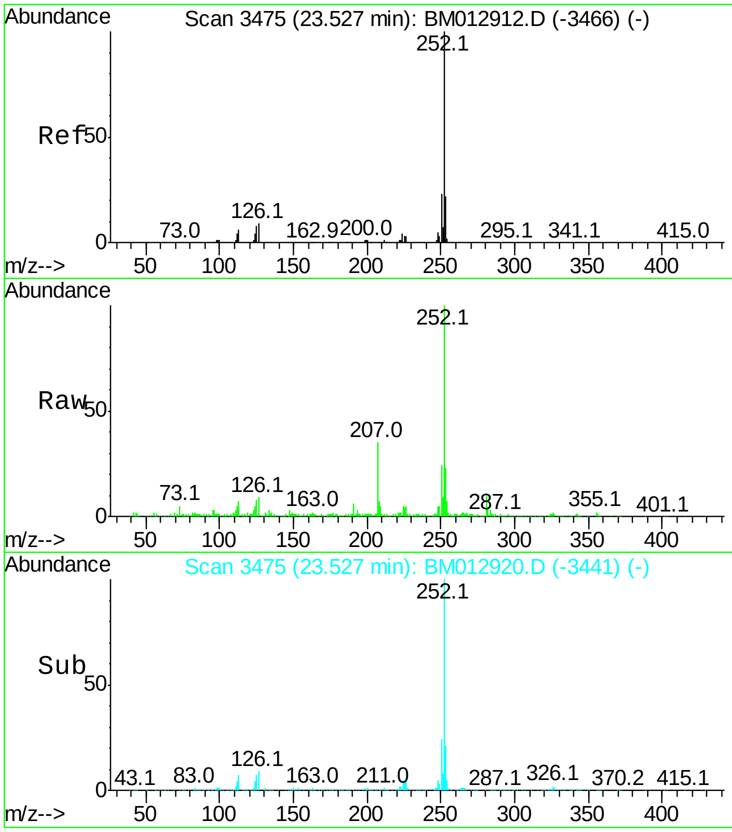


#24
Benzo(k)fluoranthene
Concen: 3.567 ng/ul m
RT: 22.99 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:252 Resp: 130944

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	8.1	8.1	12.1





#26
Benzo(a)pyrene
Concen: 7.638 ng/ul m
RT: 23.53 min Scan# 3475
Delta R.T. 0.00 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:252 Resp: 284541

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	7.9	8.2	12.4#

Instrument :
BNA_M
ClientSampleId :
DAHK6

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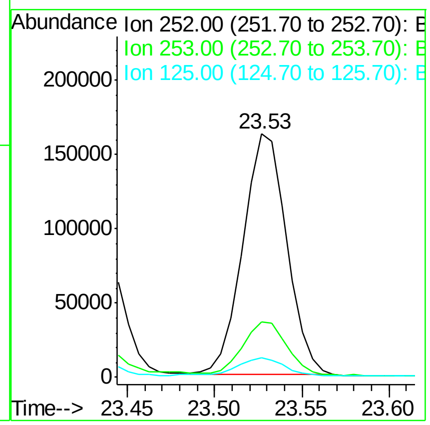
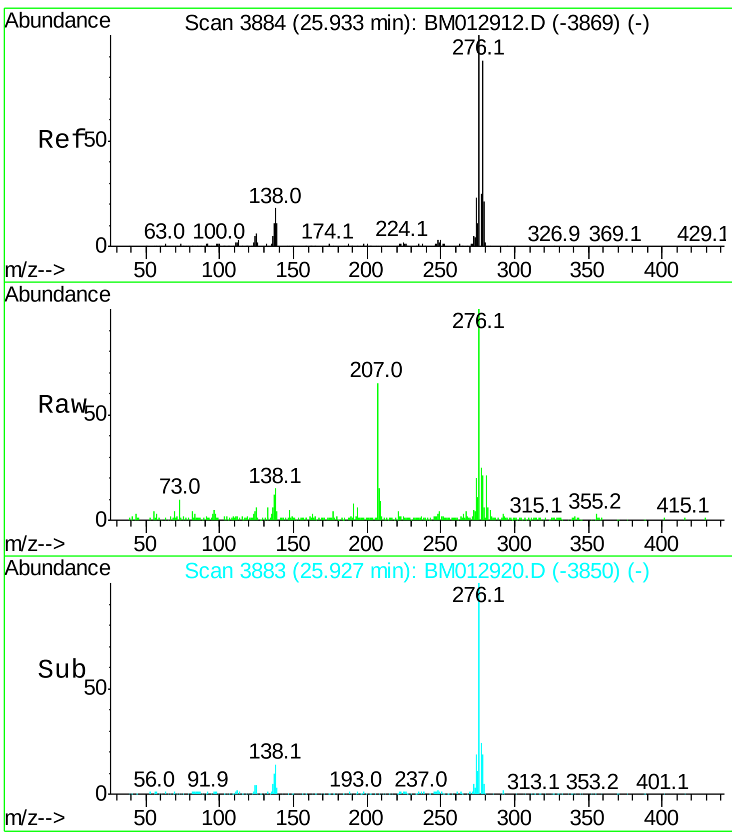
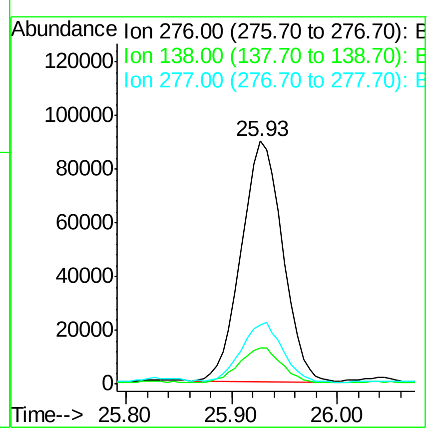


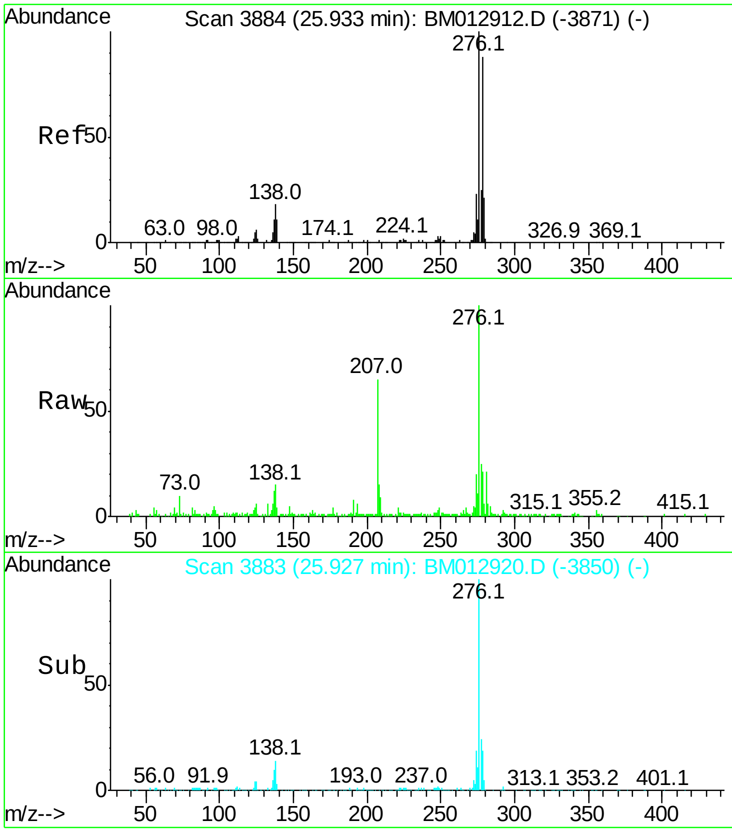


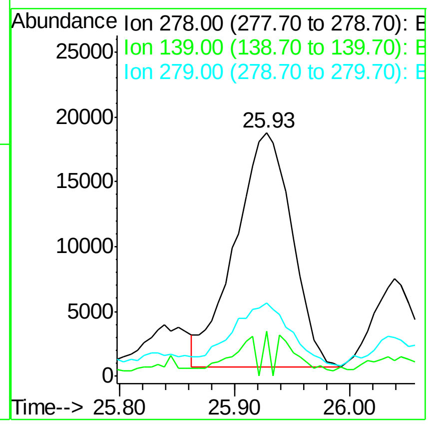
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.111 ng/ul
RT: 25.93 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BM012920.D
Acq: 12 Nov 2017 01:55

Tgt Ion:276 Resp: 245605

Ion	Ratio	Lower	Upper
276	100		
138	14.8	14.4	21.6
277	24.6	18.0	27.0








```
#28
Dibenzo(a,h)anthracene
Concen:    1.528 ng/ul
RT: 25.93 min   Scan# 3883
Delta R.T.    -0.01 min
Lab File:   BM012920.D
Acq: 12 Nov 2017   01:55

Tgt Ion:278 Resp:   61715
Ion  Ratio   Lower   Upper
278  100
139   18.6    12.2    18.4#
279   30.2    19.2    28.8#
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Instrument : BNA_M
ClientSampleId : DAHK6

Manual Integrations APPROVED
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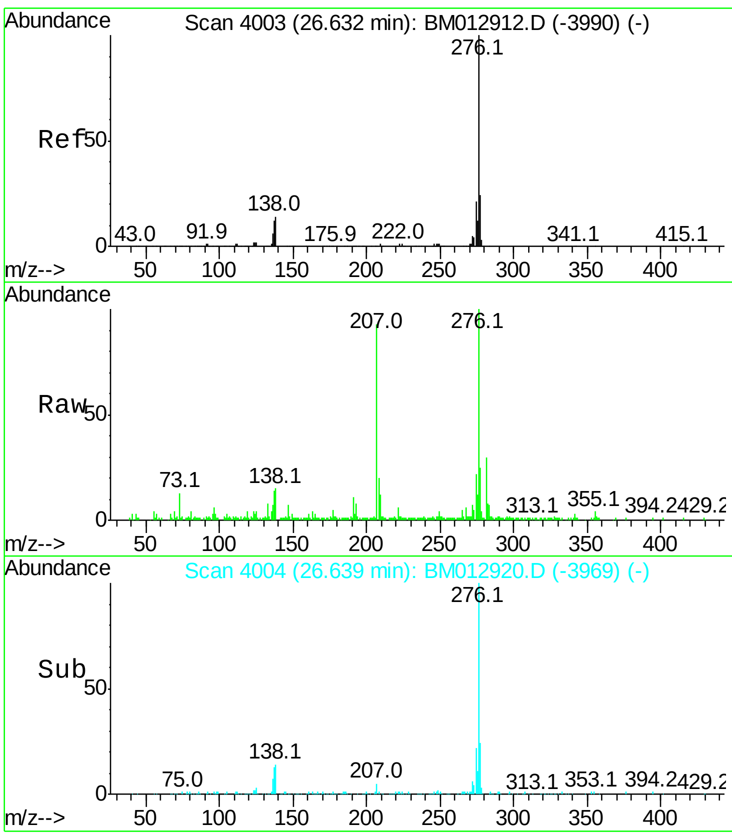
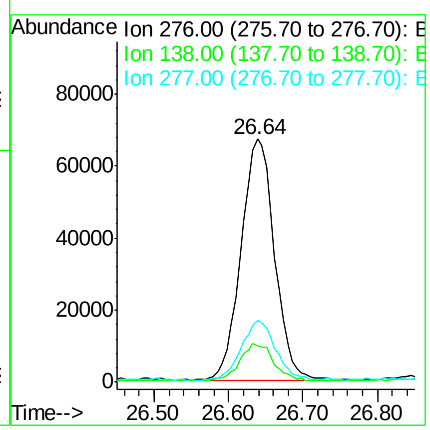
11/13/2017 4:49:55 PM






```
#29
Benzo(g,h,i)perylene
Concen:    5.195 ng/ul
RT: 26.64 min   Scan# 4004
Delta R.T.    0.01 min
Lab File:   BM012920.D
Acq: 12 Nov 2017   01:55

Tgt Ion:276 Resp:  208385
Ion  Ratio   Lower   Upper
276  100
138   15.0    15.3    22.9#
277   25.3    19.0    28.4
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