Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012924.D
Acq On : 12 Nov 2017 04:16
Operator : SJ/JU
Sample : I6322-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAHM1

Manual Integrations APPROVED
SOHIL
11/13/2017 4:50:05 PM

Quant Time: Nov 13 03:43:51 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	80629	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	309678	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	182709	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	423656	20.00	ng/ul	0.00
17) Chrysene-d12	21.36	240	513715	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	577676	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	403059	21.21	ng/ul	0.00
10) Fluorene-d10	15.42	176	293020	22.54	ng/ul	0.00
14) Anthracene-d10	17.27	188	454677	22.20	ng/ul	0.00
18) Pyrene-d10	19.56	212	510685	22.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	613829	22.51	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.22	178	55879	2.388	ng/ul	99
16) Fluoranthene	19.23	202	123052	4.275	ng/ul#	90
19) Pyrene	19.59	202	101533	3.443	ng/ul	96
20) Benzo(a)anthracene	21.34	228	72021	2.278	ng/ul	96
21) Chrysene	21.39	228	88852m	3.145	ng/ul	
23) Benzo(b)fluoranthene	22.95	252	145907	4.247	ng/ul	95
26) Benzo(a)pyrene	23.53	252	80977	2.431	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.94	276	69731	1.623	ng/ul#	89
29) Benzo(g,h,i)perylene	26.65	276	60765	1.694	ng/ul	94

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

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Manual Integrations APPROVED
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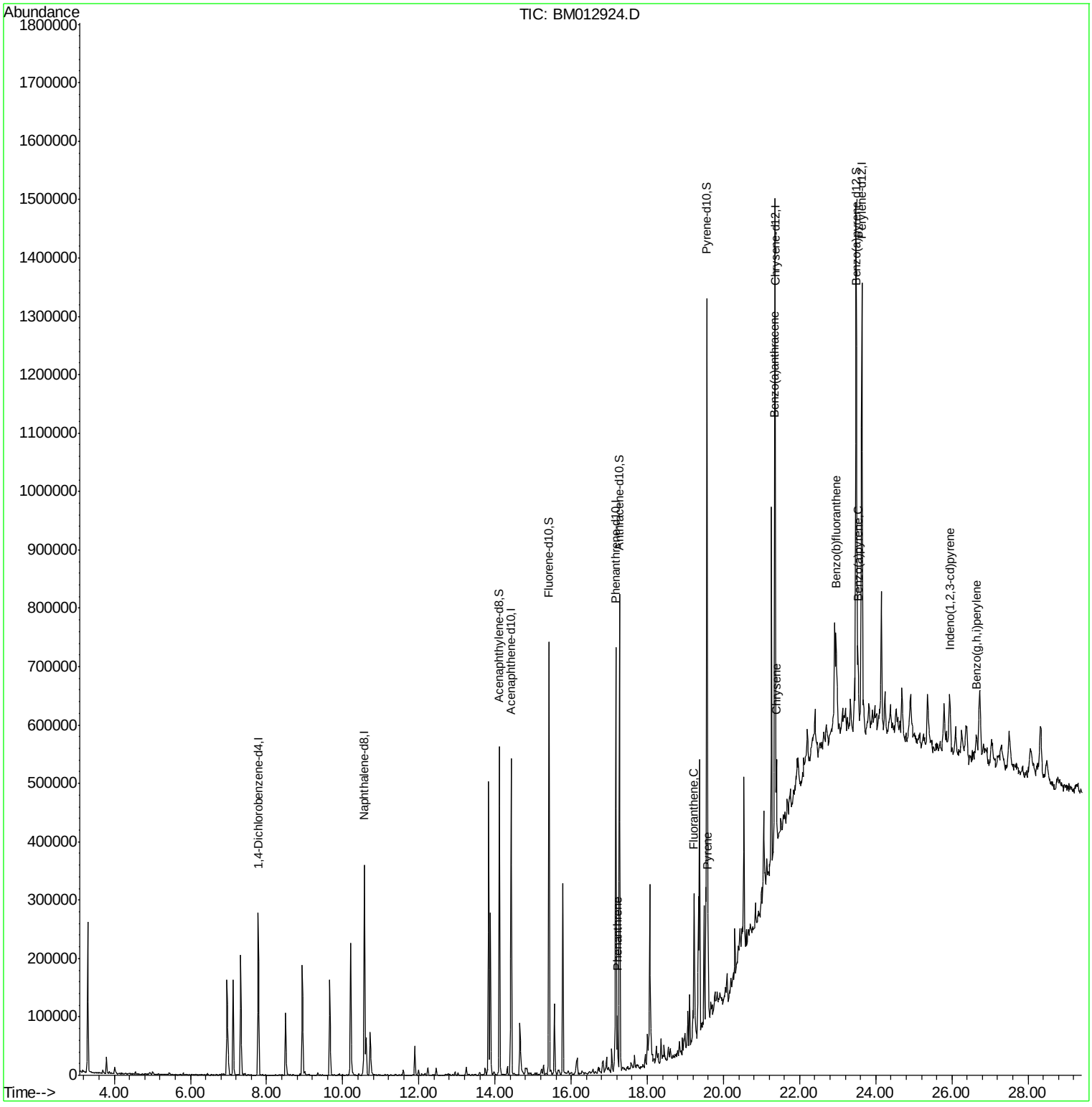
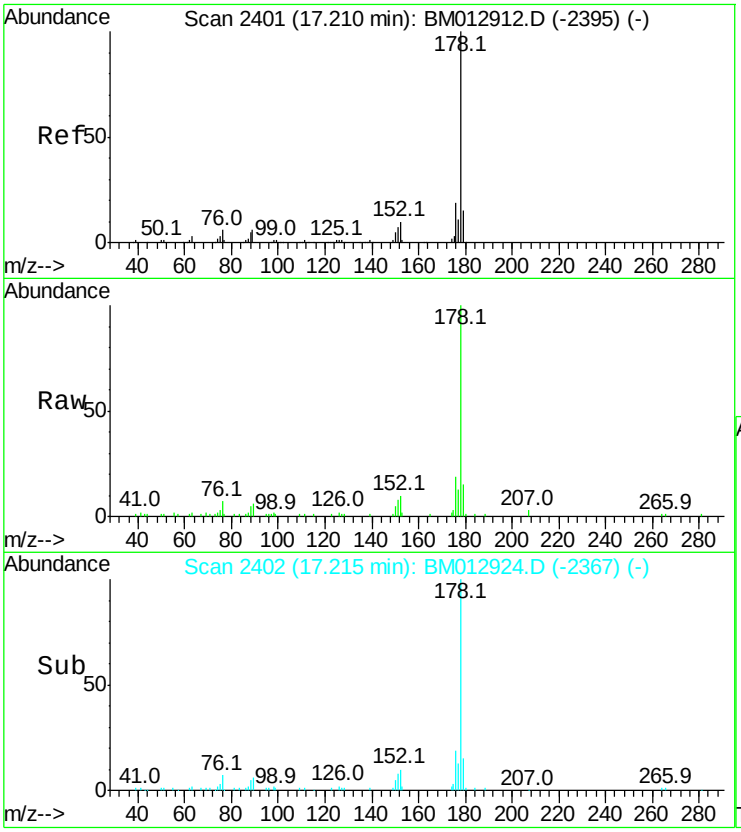
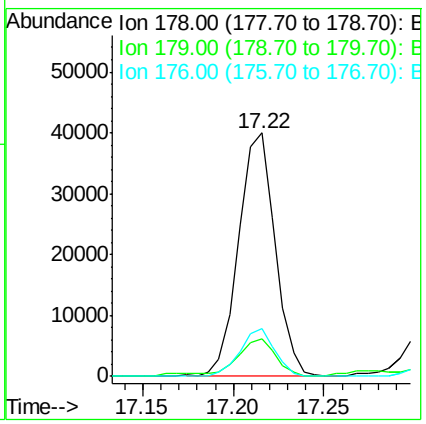




#13
Phenanthrene
Concen: 2.388 ng/ul
RT: 17.22 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:178 Resp: 55879

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.5	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
DAHM1

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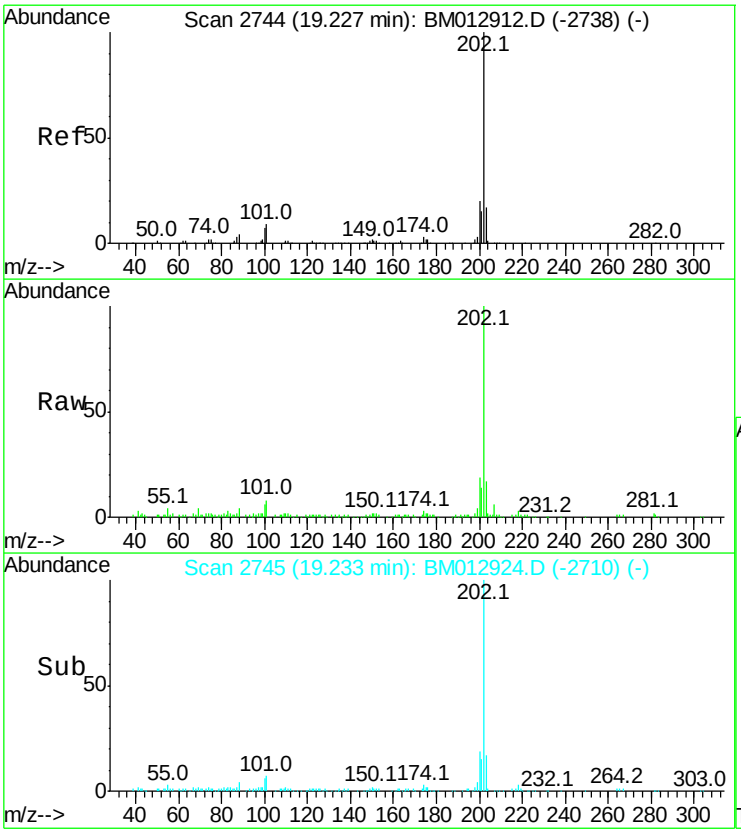
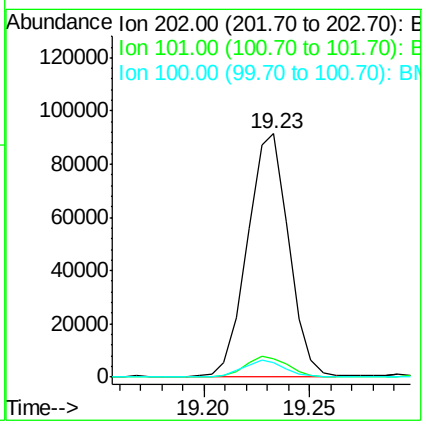
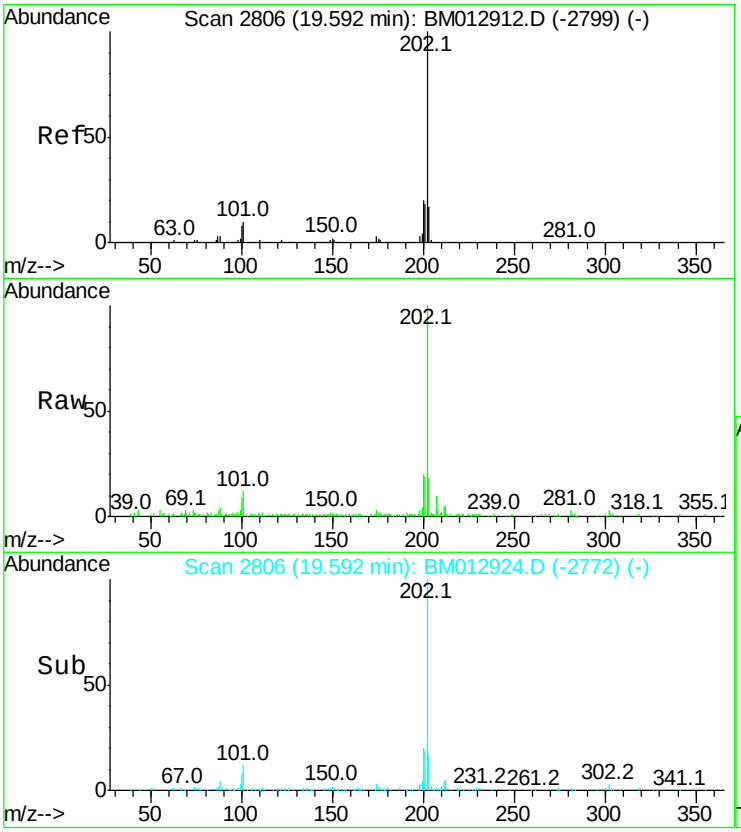


#16
Fluoranthene
Concen: 4.275 ng/ul
RT: 19.23 min Scan# 2745
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:202 Resp: 123052

Ion	Ratio	Lower	Upper
202	100		
101	7.8	9.9	14.9#
100	6.1	7.4	11.0#

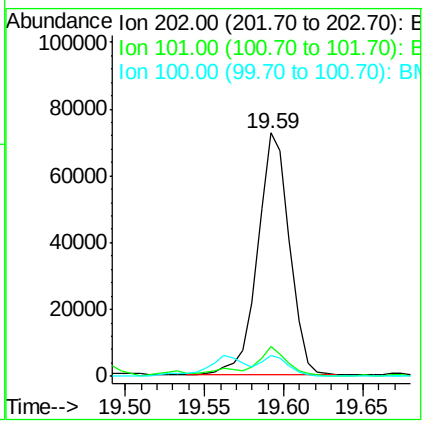




#19
Pyrene
Concen: 3.443 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:202 Resp: 101533

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.0	16.4
100	8.7	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
DAHM1

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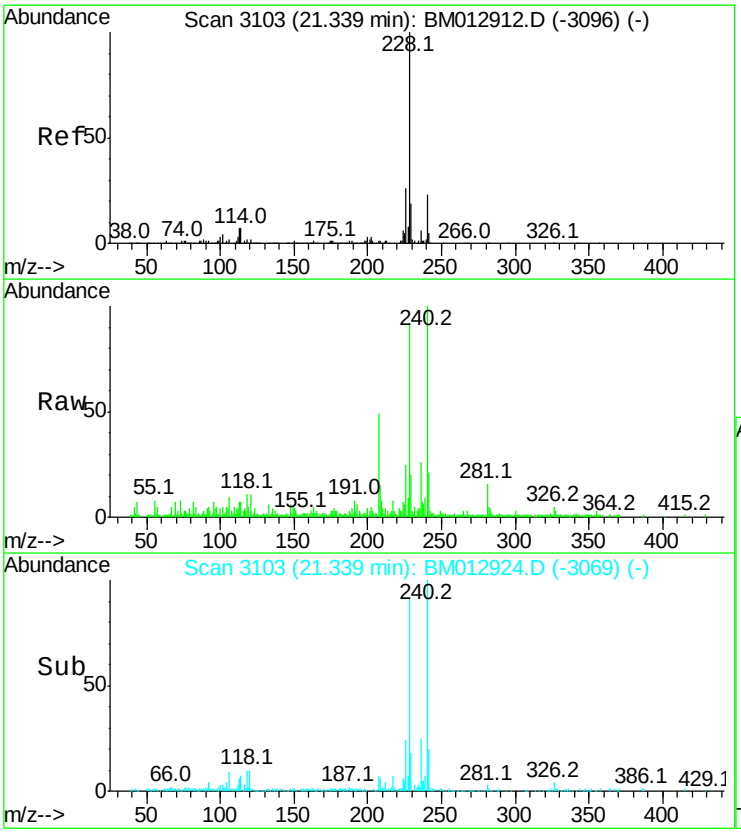
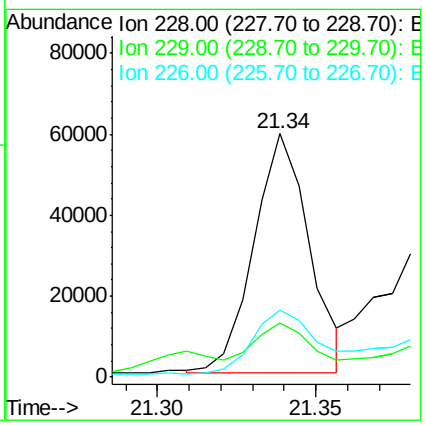
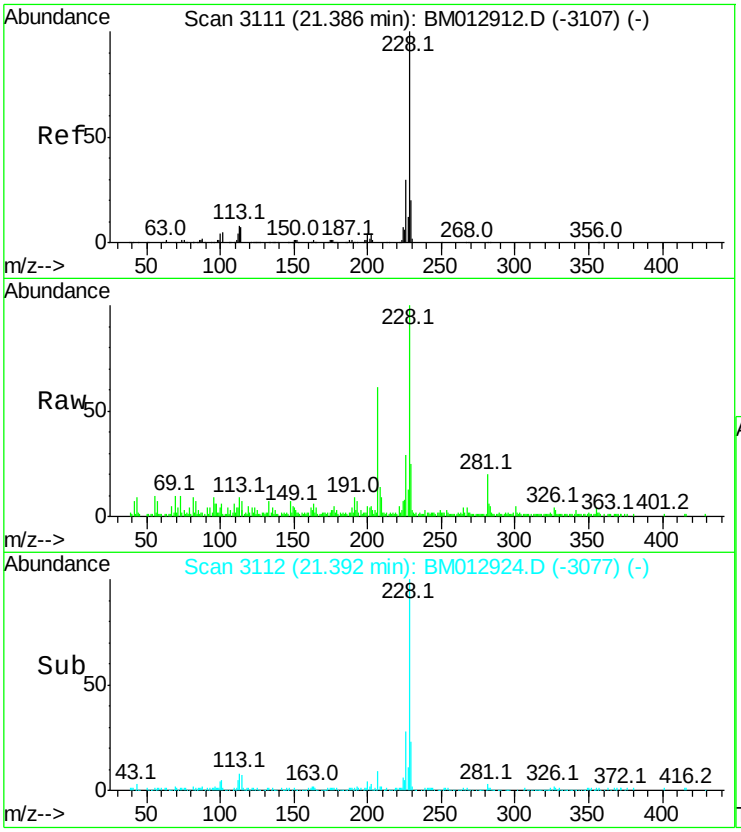


#20
Benzo(a)anthracene
Concen: 2.278 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:228 Resp: 72021

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	27.6	21.1	31.7

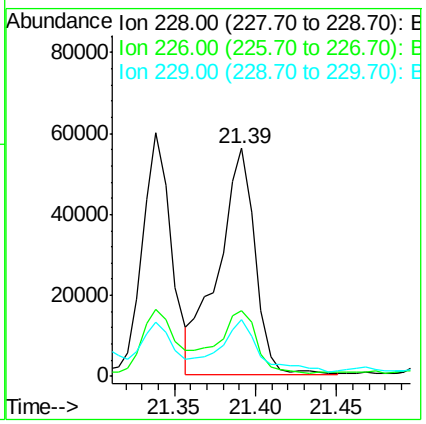




#21
Chrysene
Concen: 3.145 ng/ul m
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:228 Resp: 88852

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	24.7	15.8	23.8#



Instrument :
BNA_M
ClientSampleId :
DAHM1

Manual Integrations APPROVED
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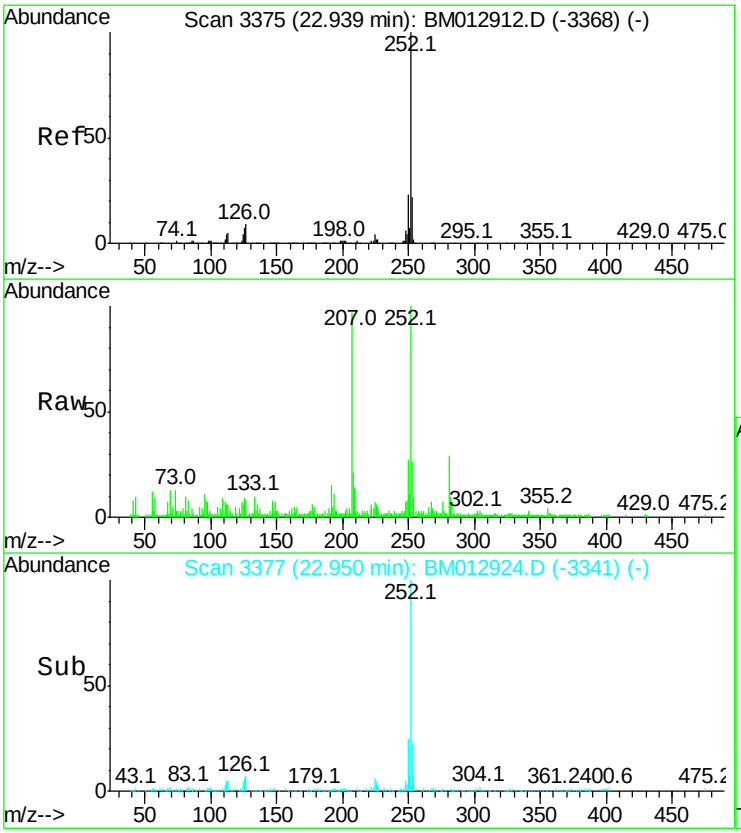
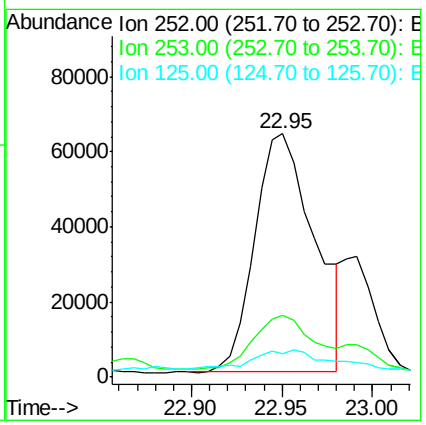
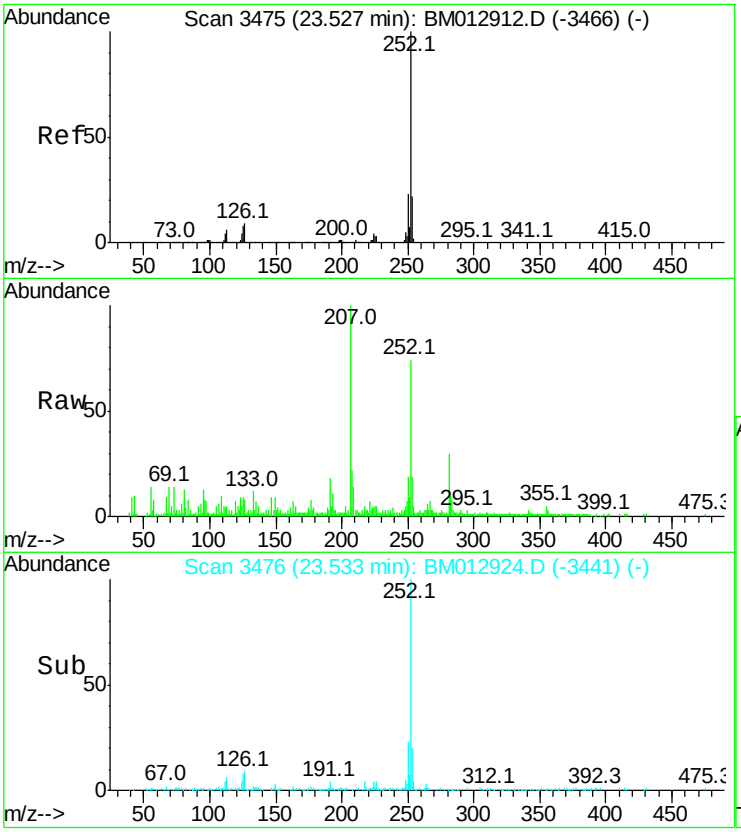


#23
Benzo(b)fluoranthene
Concen: 4.247 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:252 Resp: 145907

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	9.4	8.0	12.0





#26
Benzo(a)pyrene
Concen: 2.431 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:252 Resp: 80977

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	12.2	8.2	12.4

Instrument :
BNA_M
ClientSampleId :
DAHM1

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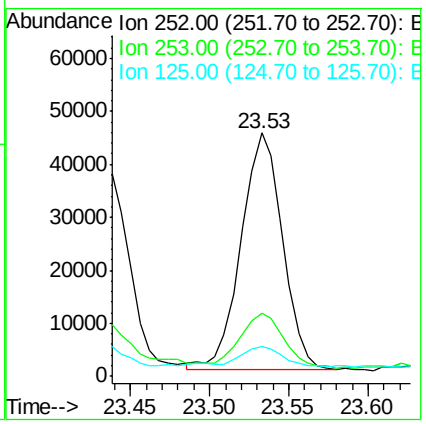
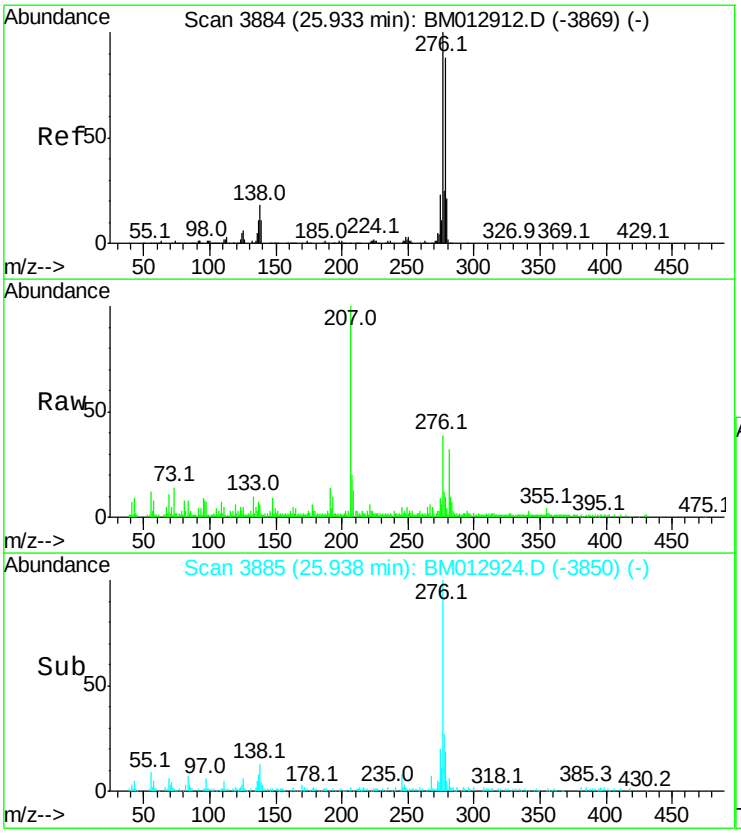
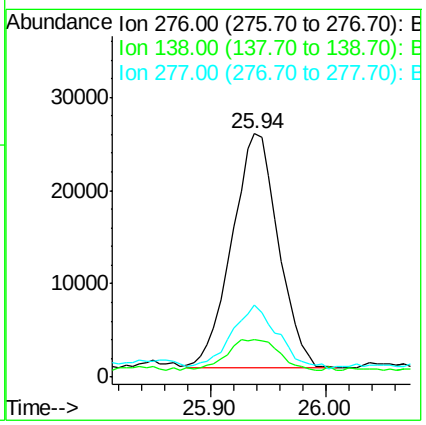


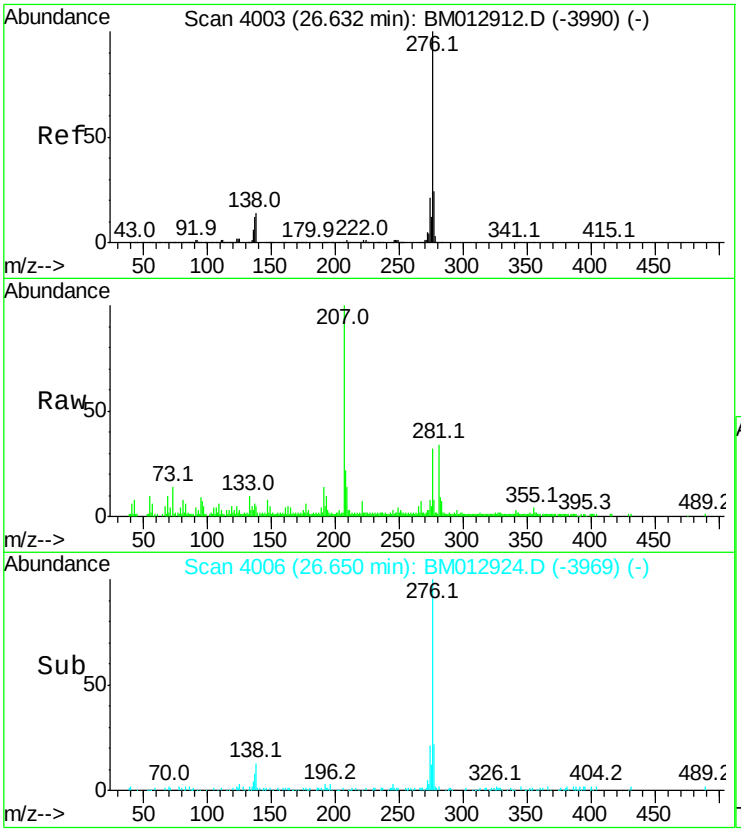


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.623 ng/ul
RT: 25.94 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:276 Resp: 69731

Ion	Ratio	Lower	Upper
276	100		
138	15.4	14.4	21.6
277	29.7	18.0	27.0#

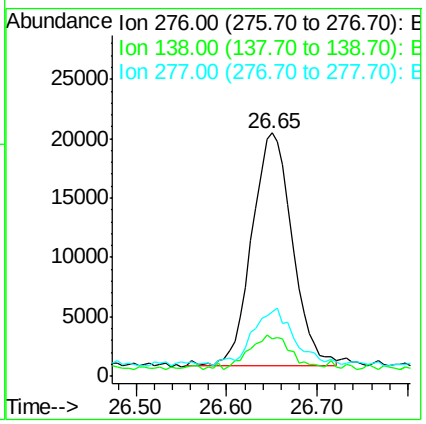




#29
Benzo(g,h,i)perylene
Concen: 1.694 ng/ul
RT: 26.65 min Scan# 4006
Delta R.T. 0.02 min
Lab File: BM012924.D
Acq: 12 Nov 2017 04:16

Tgt Ion:276 Resp: 60765

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.3	22.9
277	26.3	19.0	28.4



Instrument :
BNA_M
ClientSampleId :
DAHM1

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SOHIL
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