Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008227.D
Acq On : 10 Dec 2016 12:03
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7Y5

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:13 PM

Quant Time: Dec 12 02:58:32 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	590	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2097	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1441	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2373m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1708	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1582	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	776	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1243m	0.19	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	5018	0.86	ng/ul	98
5) 2-Methylnaphthalene	12.12	142	7647	2.02	ng/ul	97
7) Acenaphthylene	14.04	152	4465	0.68	ng/ul#	93
8) Acenaphthene	14.38	153	1451	0.29	ng/ul	98
9) Fluorene	15.38	166	3957	0.69	ng/ul#	81
12) Phenanthrene	17.11	178	22140	3.00	ng/ul	97
13) Anthracene	17.21	178	7991	1.15	ng/ul	95
15) Fluoranthene	19.14	202	42210	4.42	ng/ul	94
17) Pyrene	19.51	202	37788	6.37	ng/ul	96
18) Benzo(a)anthracene	21.25	228	21987	4.19	ng/ul	97
19) Chrysene	21.30	228	23770	3.65	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	47161m	7.47	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	10273m	1.58	ng/ul	
23) Benzo(a)pyrene	23.41	252	23976	4.05	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.74	276	21690	2.97	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	5966	1.02	ng/ul	93
26) Benzo(g,h,i)perylene	26.43	276	21772	3.36	ng/ul#	90

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

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Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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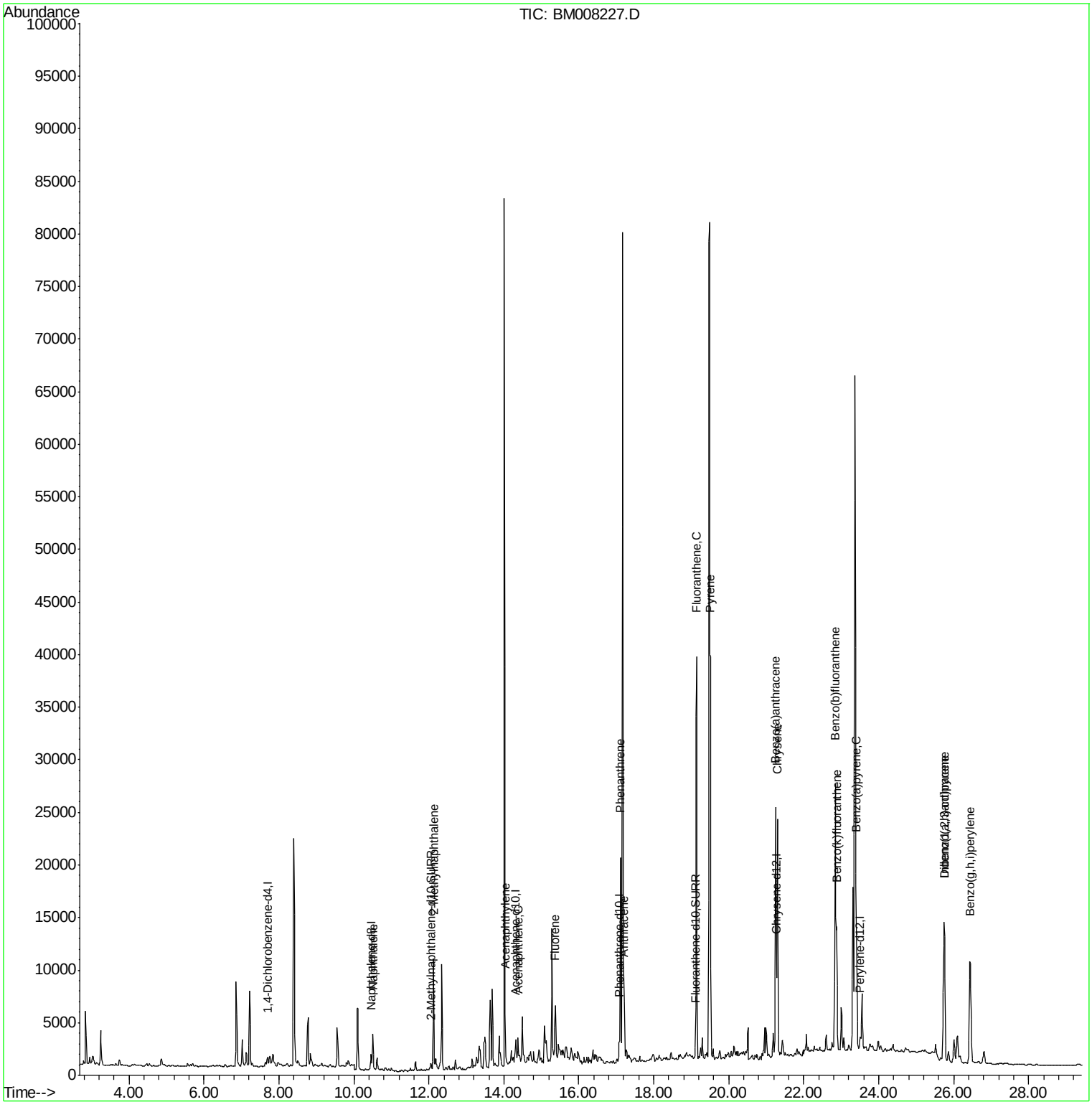
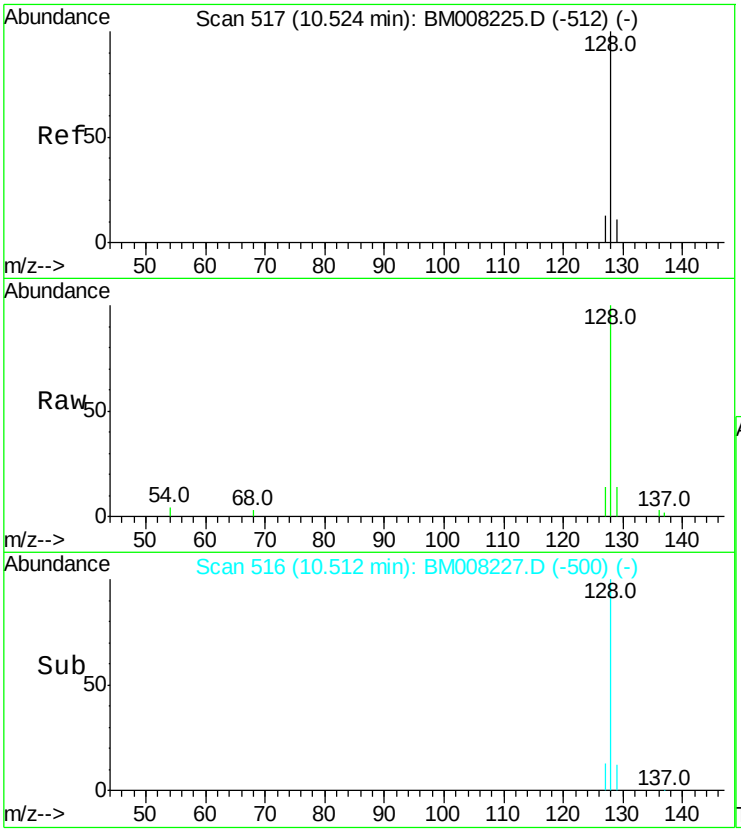
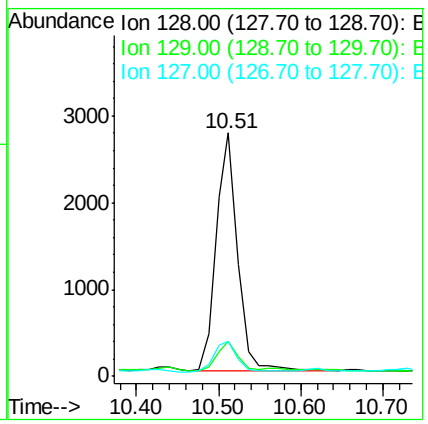




#3
Naphthalene
Concen: 0.86 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:128 Resp: 5018

Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.3	16.9
127	14.5	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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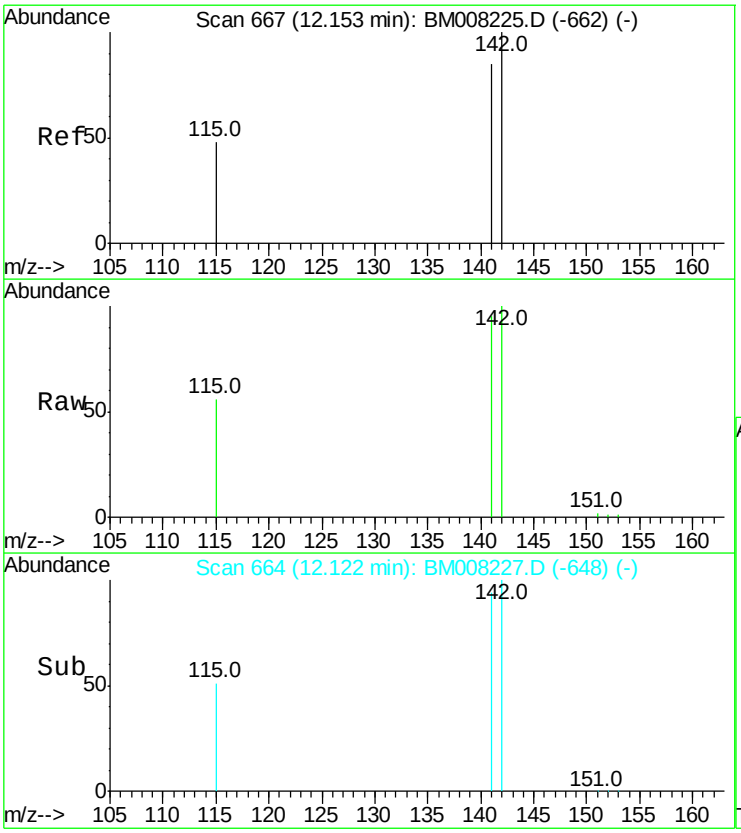
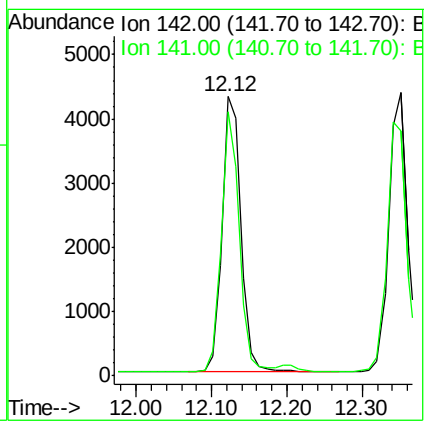
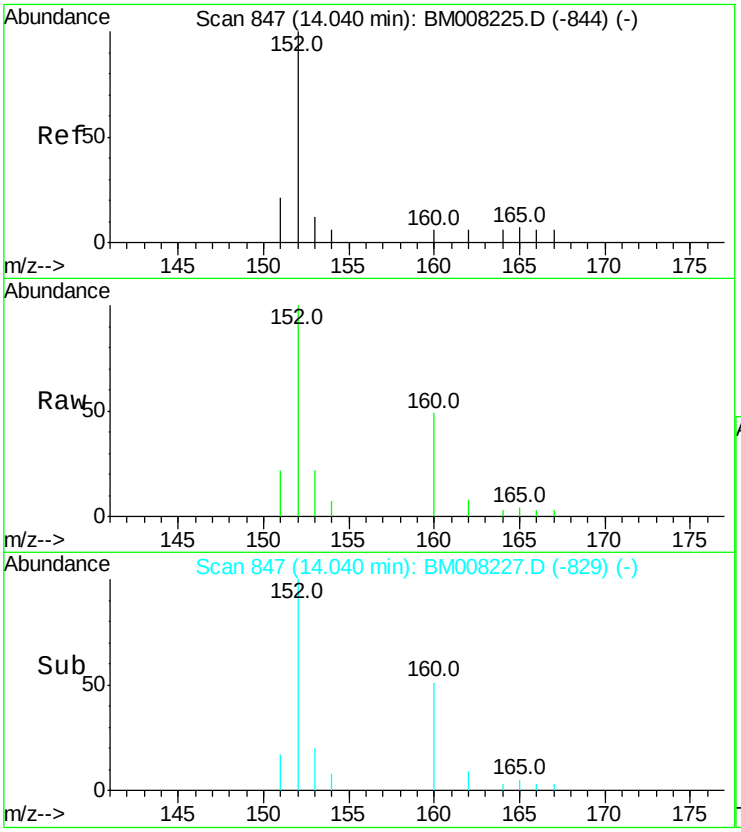


#5
2-Methylnaphthalene
Concen: 2.02 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.03 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:142 Resp: 7647

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8

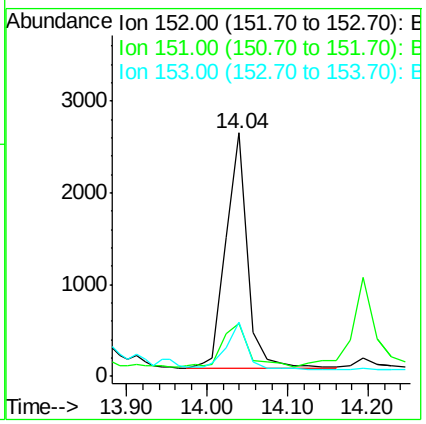




#7
Acenaphthylene
Concen: 0.68 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:152 Resp: 4465

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	22.4	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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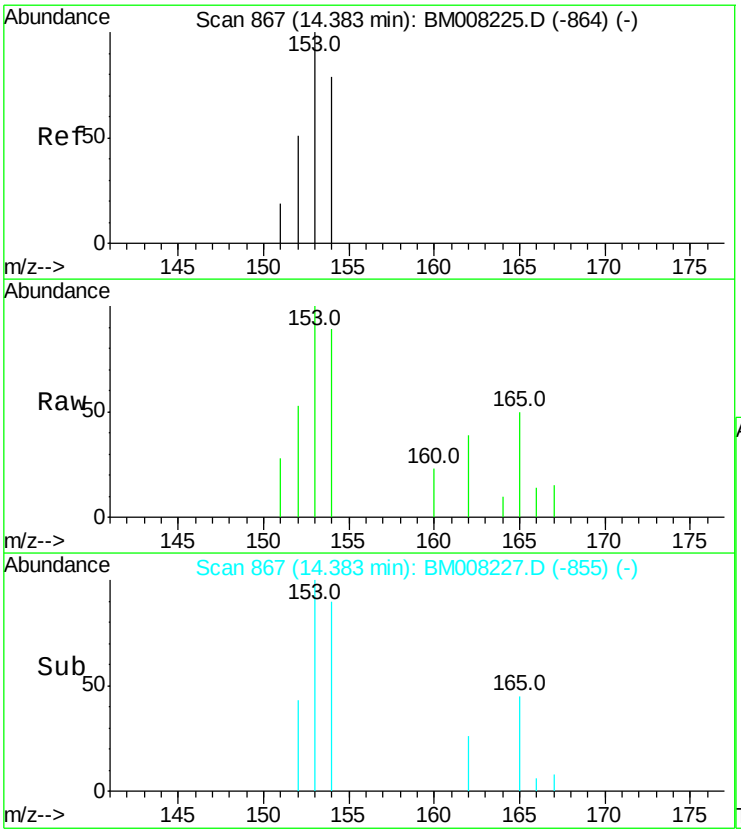
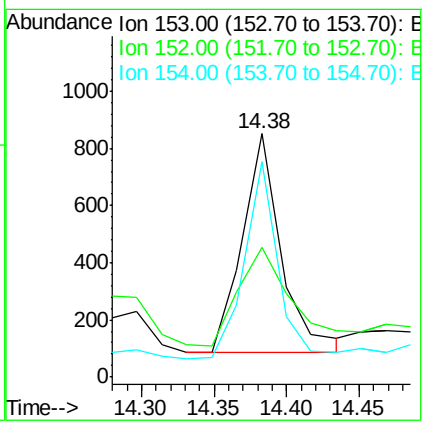
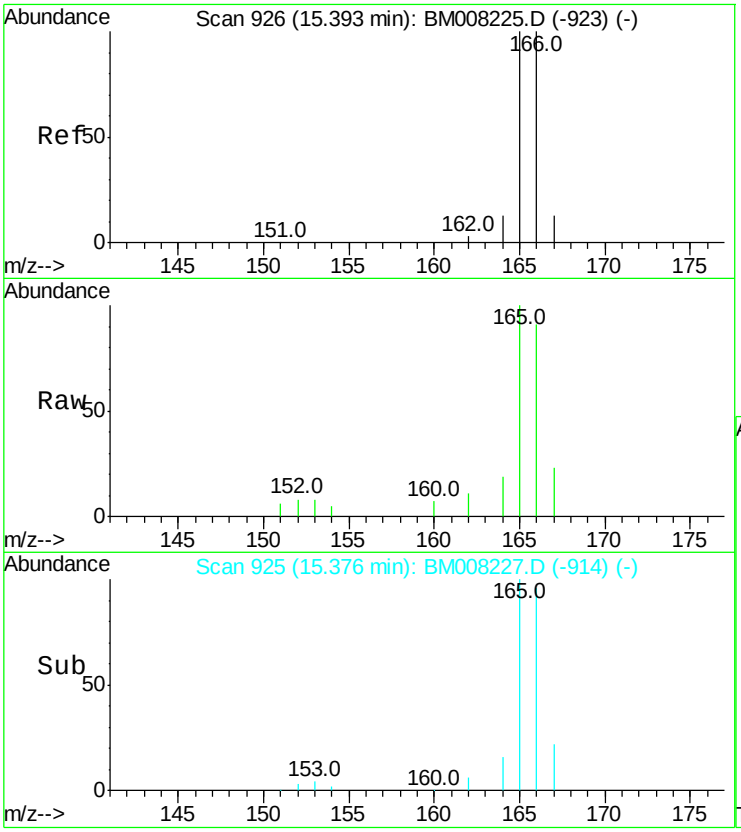


#8
Acenaphthene
Concen: 0.29 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:153 Resp: 1451

Ion	Ratio	Lower	Upper
153	100		
152	53.1	40.3	60.5
154	88.6	71.4	107.2

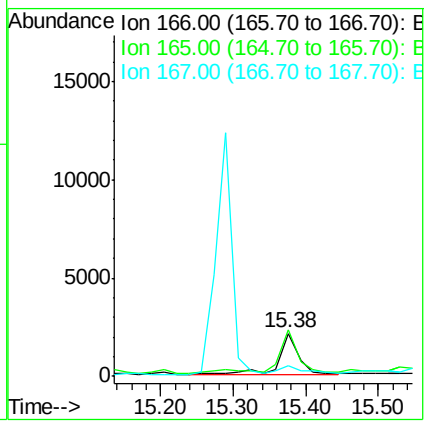




#9
Fluorene
Concen: 0.69 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:166 Resp: 3957

Ion	Ratio	Lower	Upper
166	100		
165	109.9	73.4	110.2
167	25.4	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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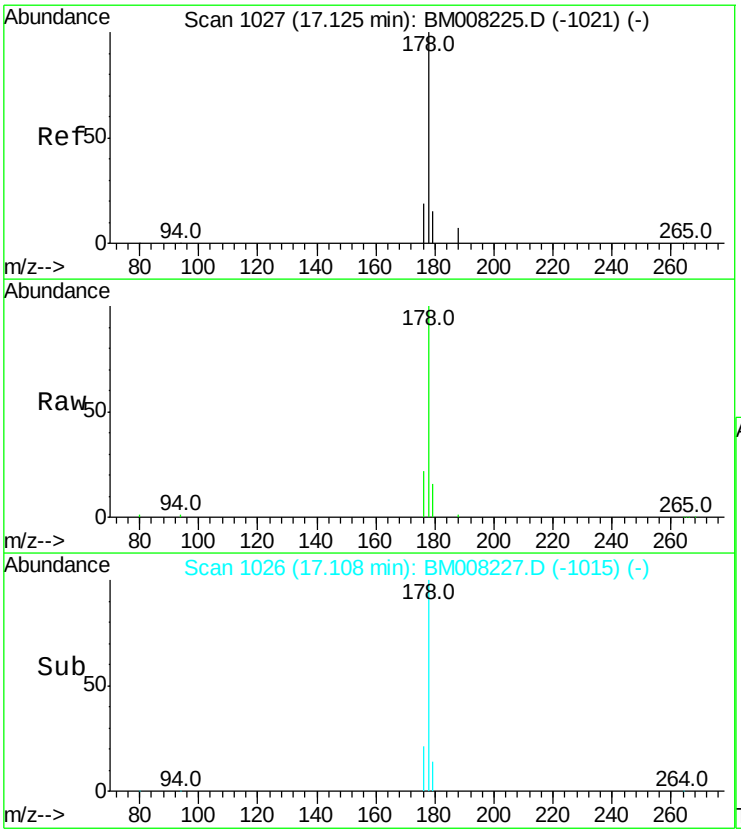
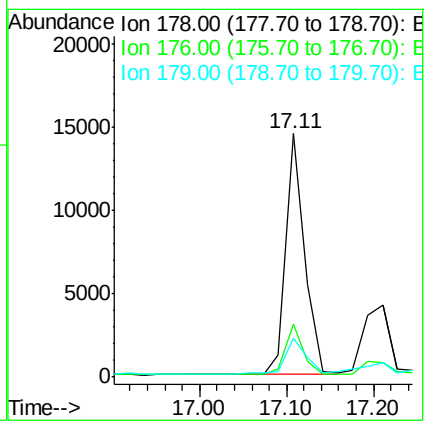
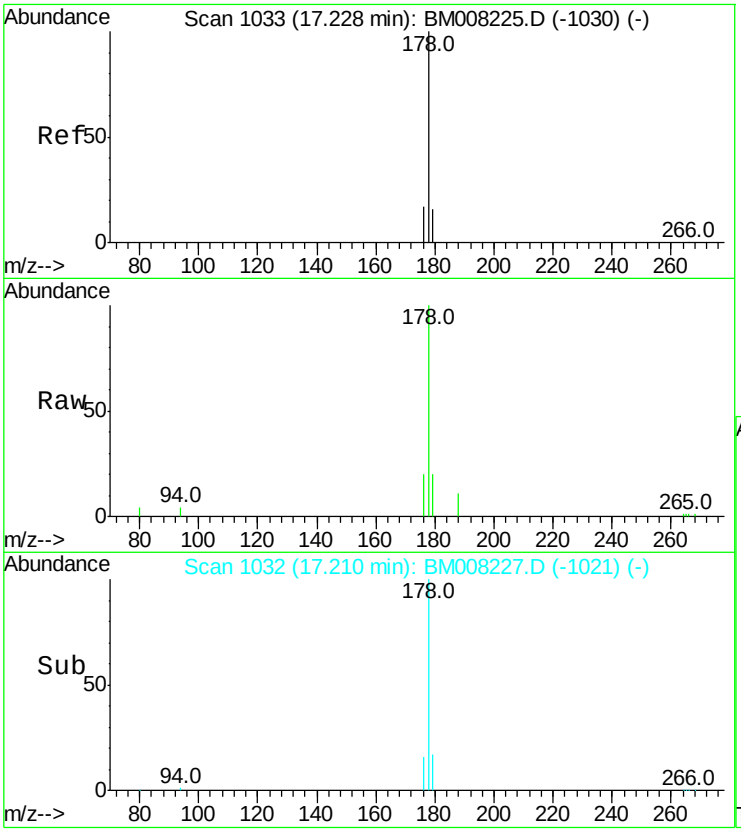


#12
Phenanthrene
Concen: 3.00 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:178 Resp: 22140

Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.4	27.6
179	15.7	13.6	20.4

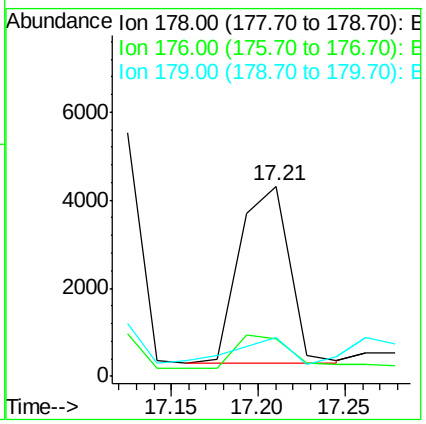




#13
Anthracene
Concen: 1.15 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:178 Resp: 7991

Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.1	27.1
179	20.4	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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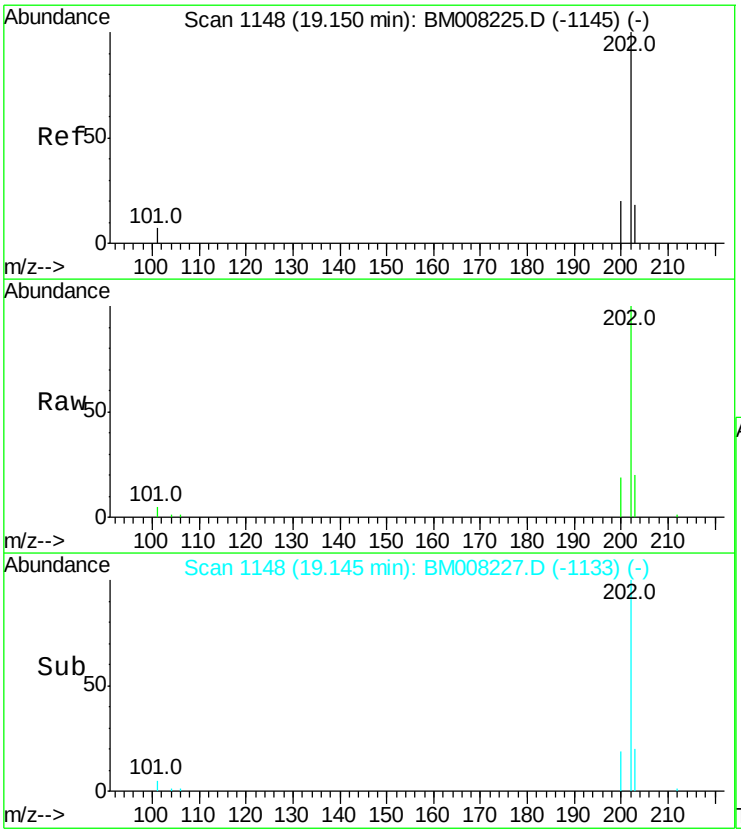
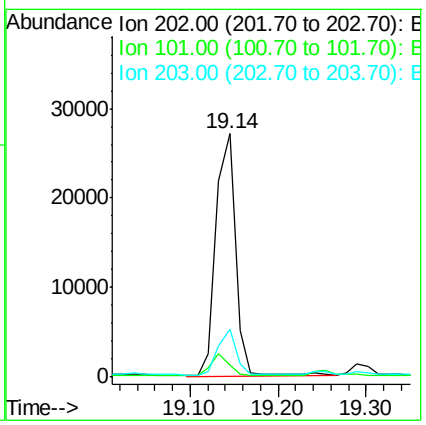
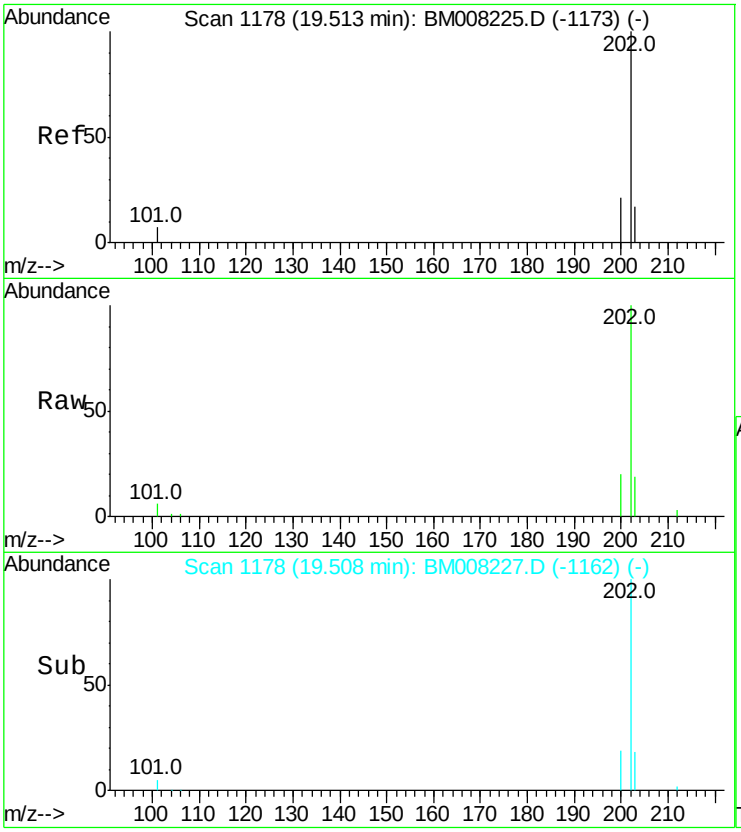


#15
Fluoranthene
Concen: 4.42 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:202 Resp: 42210

Ion	Ratio	Lower	Upper
202	100		
101	4.6	0.0	30.3
203	19.8	0.0	39.5

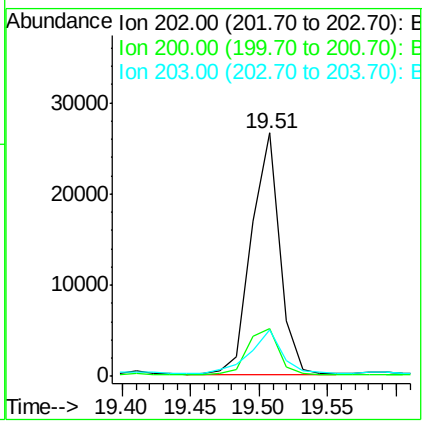




#17
Pyrene
Concen: 6.37 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:202 Resp: 37788

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.2	27.4
203	19.0	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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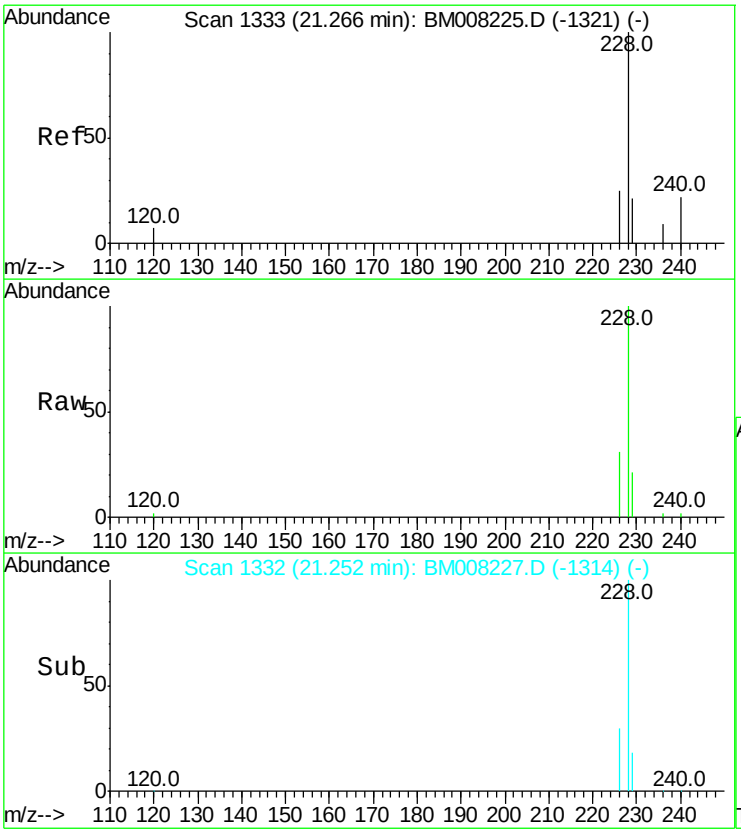
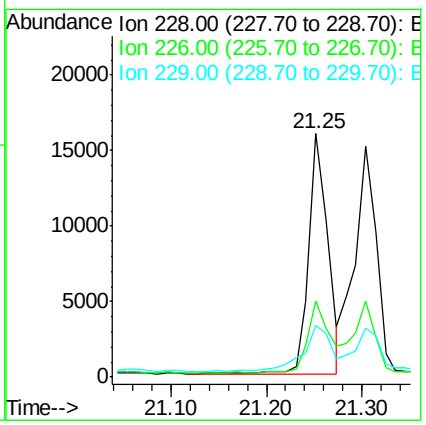
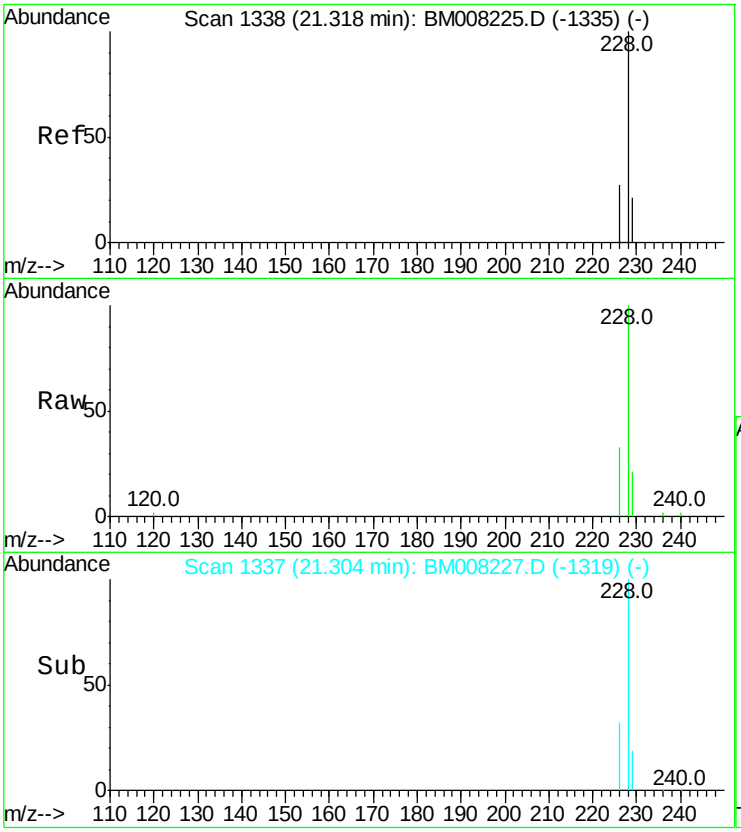


#18
Benzo(a)anthracene
Concen: 4.19 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:228 Resp: 21987

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.8	34.2
229	21.3	17.0	25.6

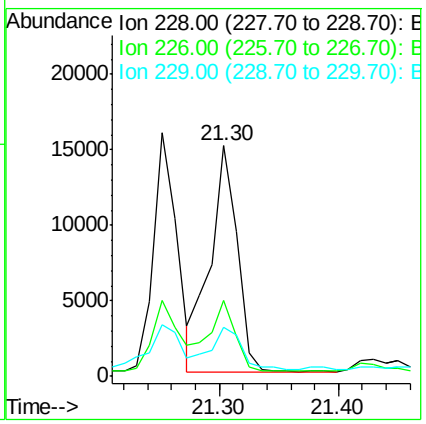




#19
Chrysene
Concen: 3.65 ng/ul
RT: 21.30 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:228 Resp: 23770

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	21.5	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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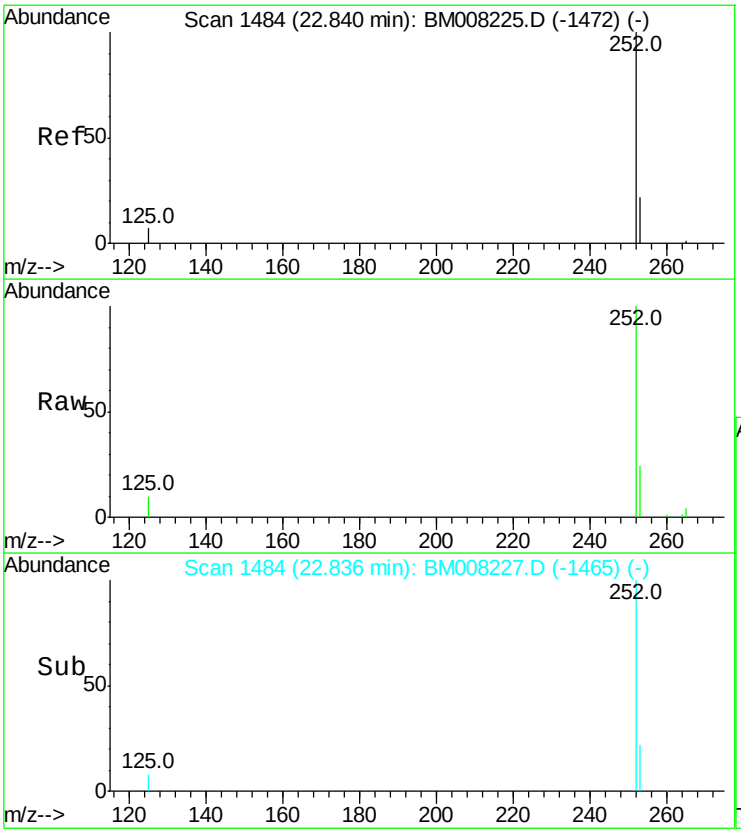
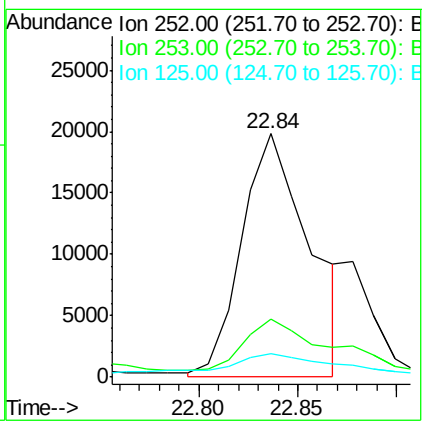
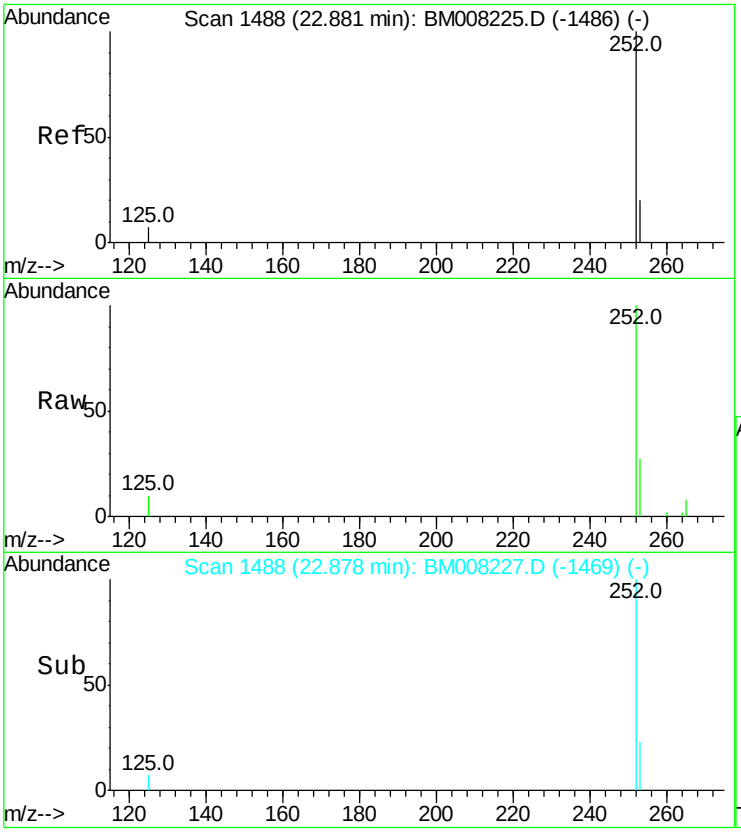


#21
Benzo(b)fluoranthene
Concen: 7.47 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:252 Resp: 47161

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	9.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.58 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:252 Resp: 10273

Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	10.4	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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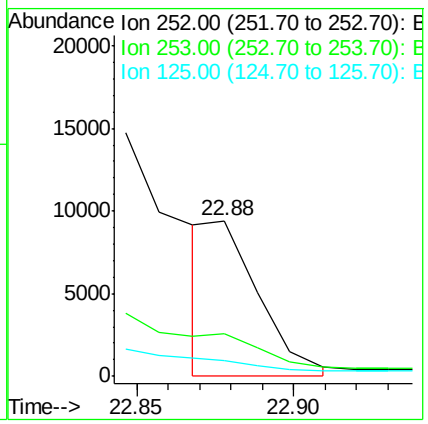
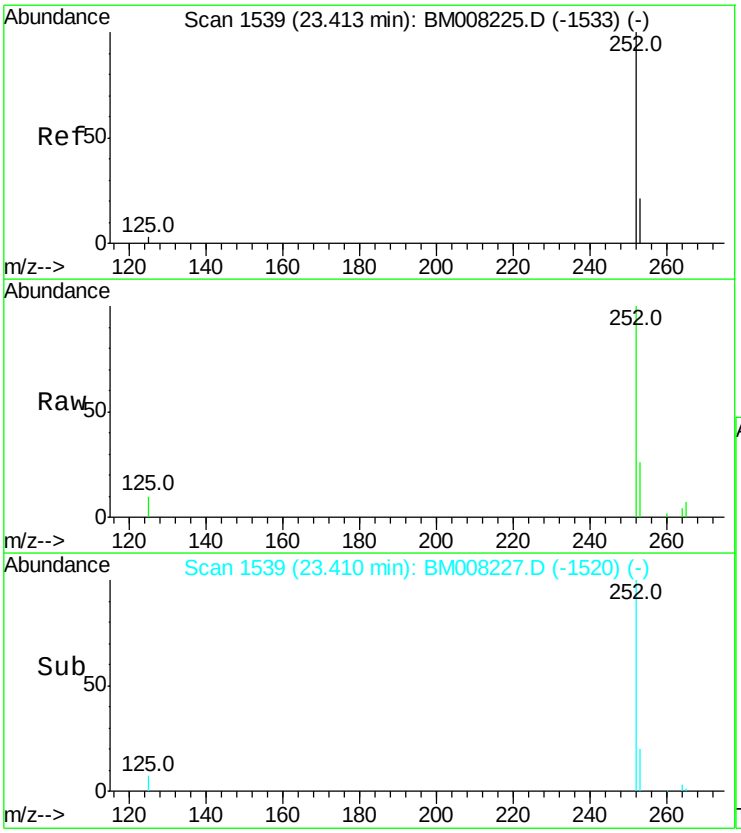
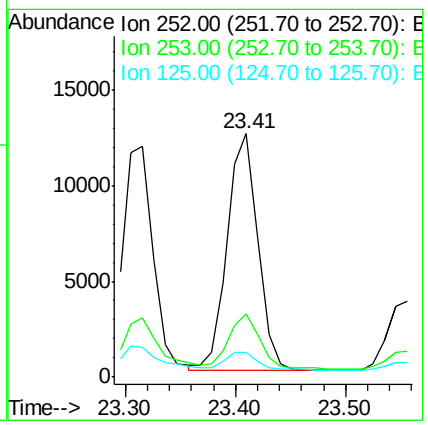


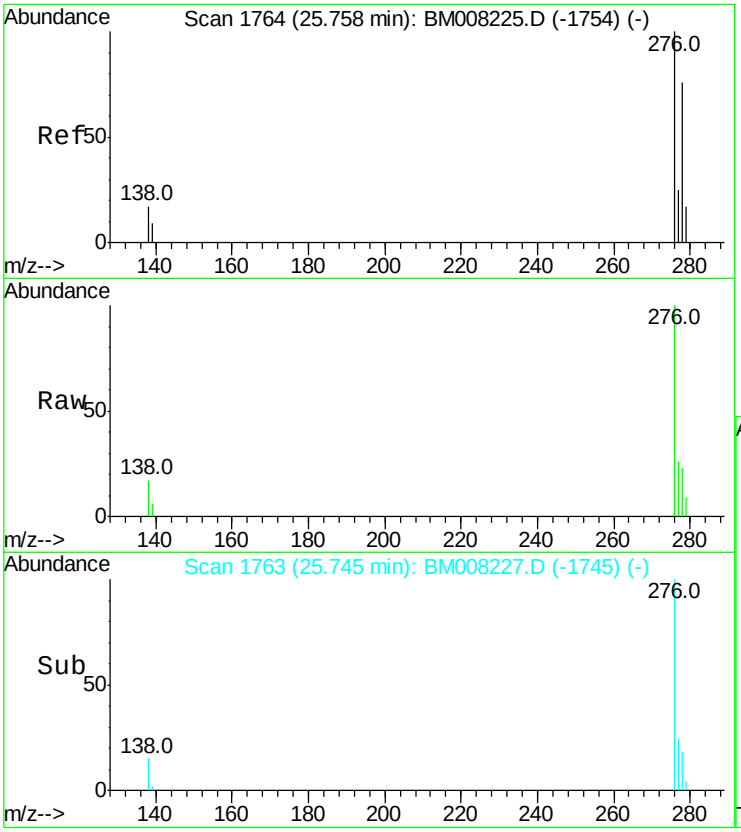


#23
Benzo(a)pyrene
Concen: 4.05 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:252 Resp: 23976

Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	10.1	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:276 Resp: 21690

Ion	Ratio	Lower	Upper
276	100		
138	15.2	19.1	28.7#
277	24.1	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
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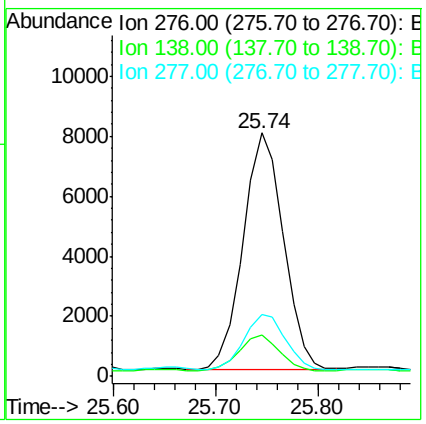
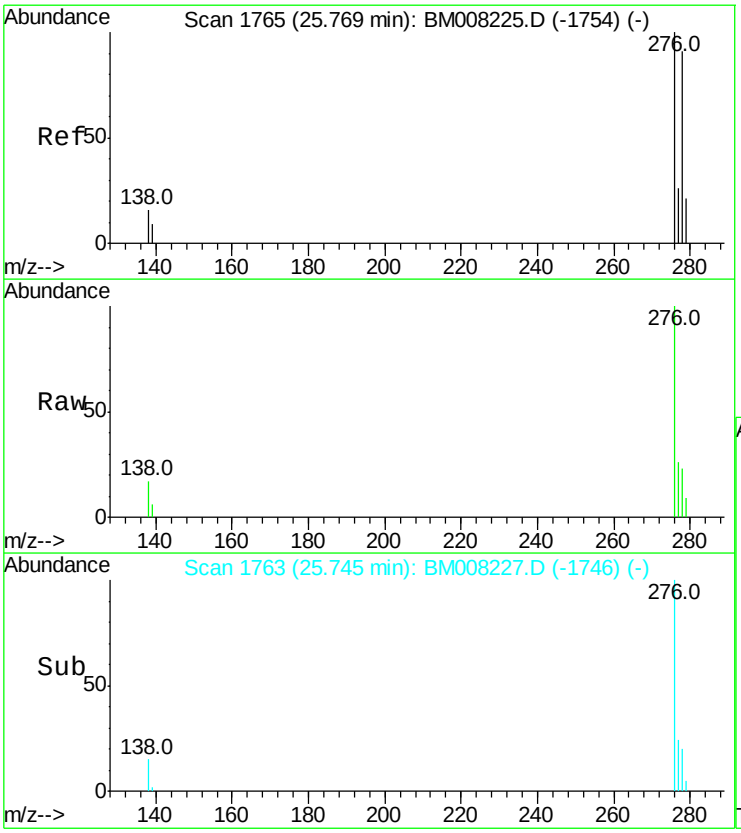
12/12/2016 6:50:13 PM

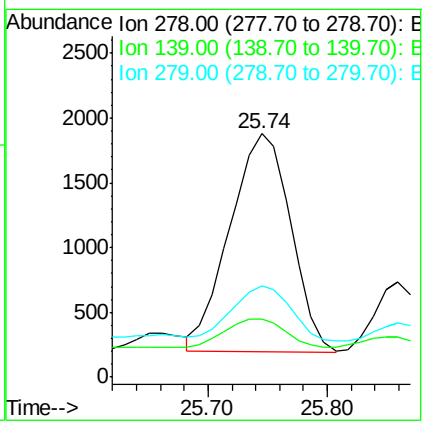


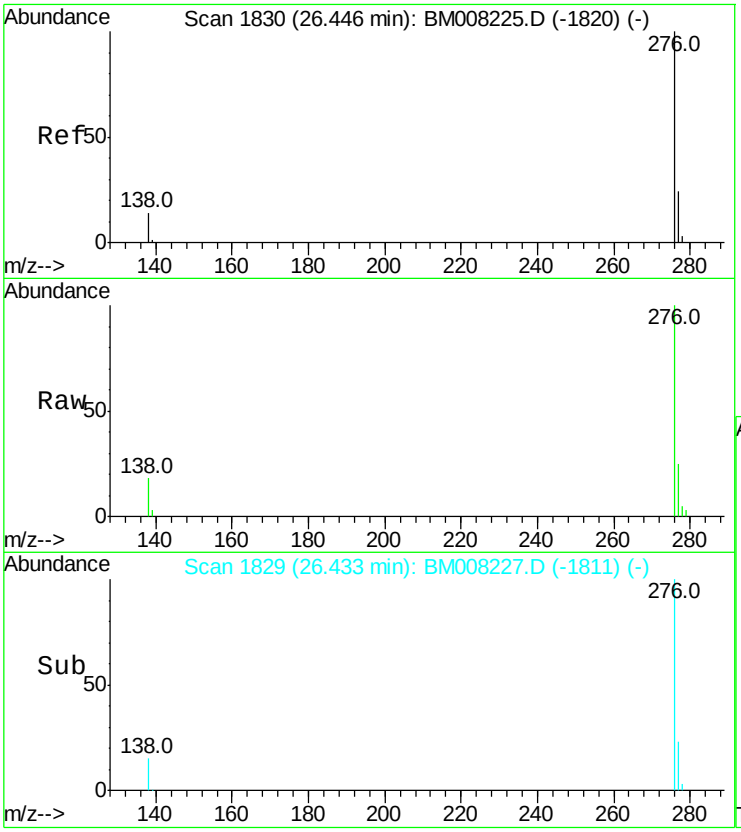


#25
Dibenzo(a,h)anthracene
Concen: 1.02 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:278 Resp: 5966

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	37.3	25.9	38.9

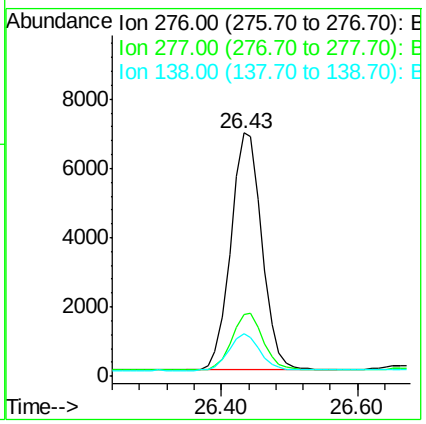




#26
Benzo(g,h,i)perylene
Concen: 3.36 ng/ul
RT: 26.43 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM008227.D
Acq: 10 Dec 2016 12:03

Tgt Ion:276 Resp: 21772

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.8	32.8
138	17.6	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA7Y5

Manual Integrations APPROVED
UMANGI
12/12/2016 6:50:13 PM