Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008622.D
Acq On : 24 Dec 2016 08:09
Operator : UM/SJ
Sample : H5995-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA884

Manual Integrations APPROVED
sohil
12/26/2016 6:25:52 PM

Quant Time: Dec 25 01:50:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	610	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.43	136	1854	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	1063	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2027	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	2065	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1641m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	307	0.11	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1433	0.26	ng/ul	-0.03
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1902	0.36	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	2550	0.73	ng/ul	93
7) Acenaphthylene	14.01	152	744	0.15	ng/ul#	79
8) Acenaphthene	14.35	153	221	0.06	ng/ul#	83
9) Fluorene	15.34	166	273	0.07	ng/ul#	73
12) Phenanthrene	17.07	178	4745	0.77	ng/ul	99
13) Anthracene	17.18	178	999m	0.17	ng/ul	
15) Fluoranthene	19.11	202	8256	1.09	ng/ul	90
17) Pyrene	19.48	202	9595	1.20	ng/ul#	93
18) Benzo(a)anthracene	21.22	228	6471	0.95	ng/ul#	85
19) Chrysene	21.28	228	9557	1.29	ng/ul#	89
21) Benzo(b)fluoranthene	22.81	252	12709m	1.97	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	3917m	0.62	ng/ul	
23) Benzo(a)pyrene	23.37	252	7956	1.33	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.71	276	6895	0.97	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.70	278	2048	0.36	ng/ul#	22
26) Benzo(g,h,i)perylene	26.39	276	6906	1.13	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008622.D
Acq On : 24 Dec 2016 08:09
Operator : UM/SJ
Sample : H5995-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

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QLast Update : Sat Dec 24 04:56:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA884

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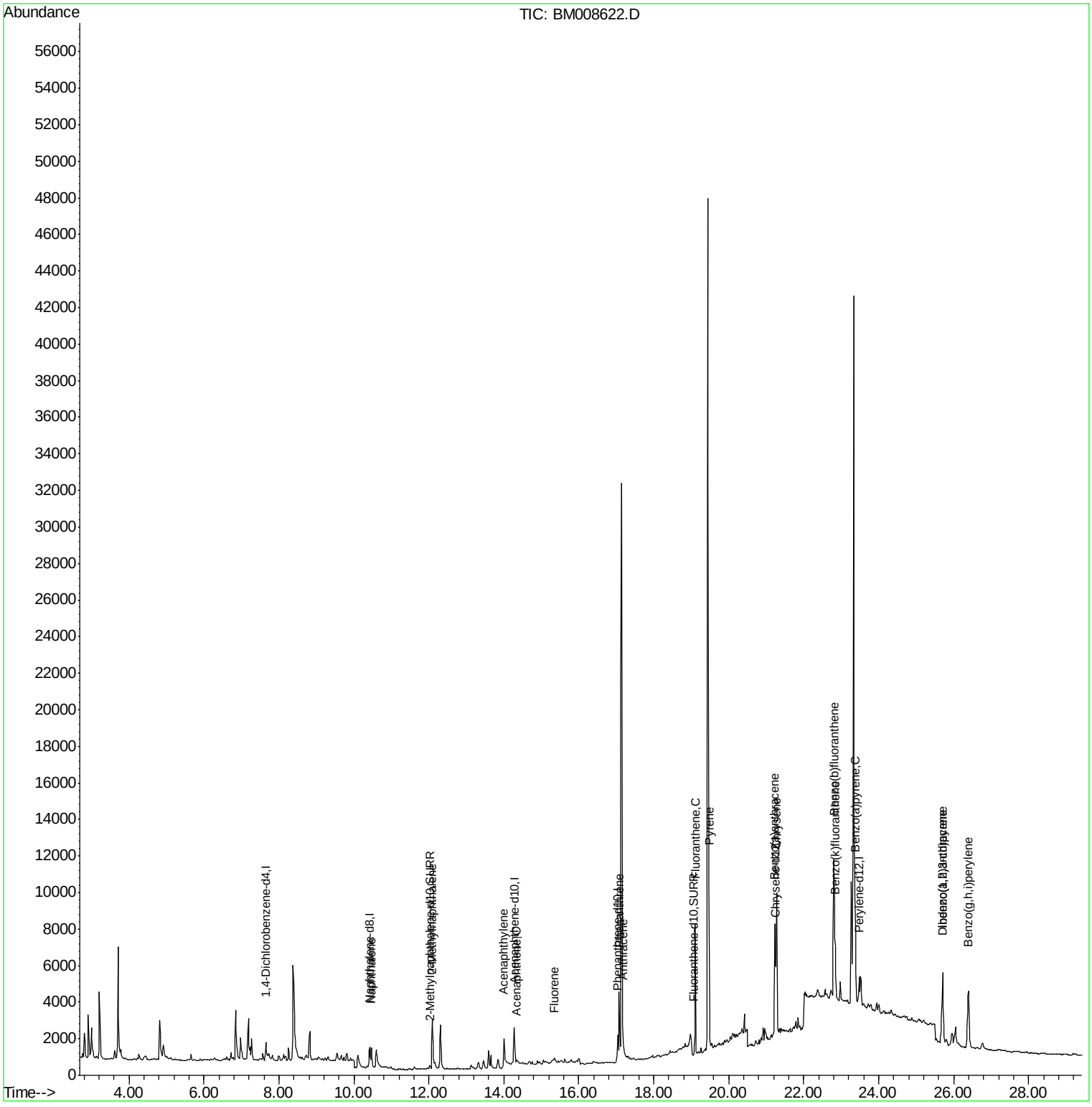
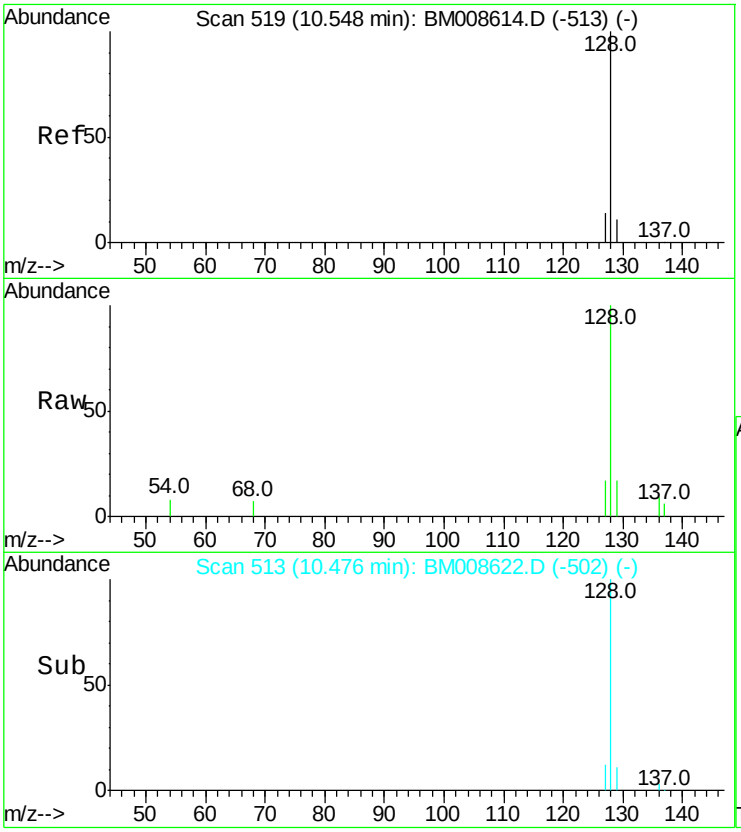
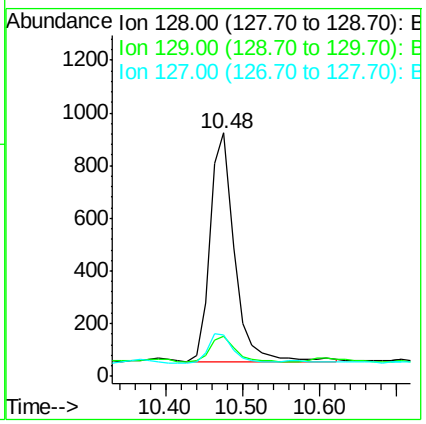




#3
Naphthalene
Concen: 0.36 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.07 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:128 Resp: 1902

Ion	Ratio	Lower	Upper
128	100		
129	16.6	11.3	16.9
127	17.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA884

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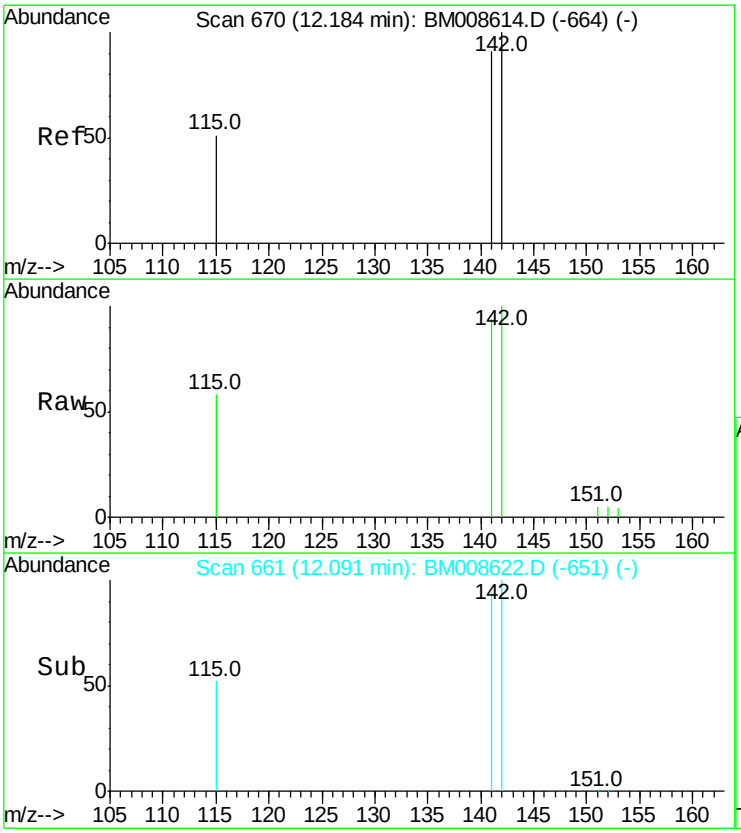
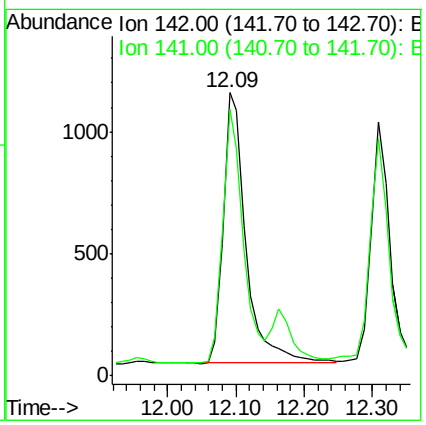
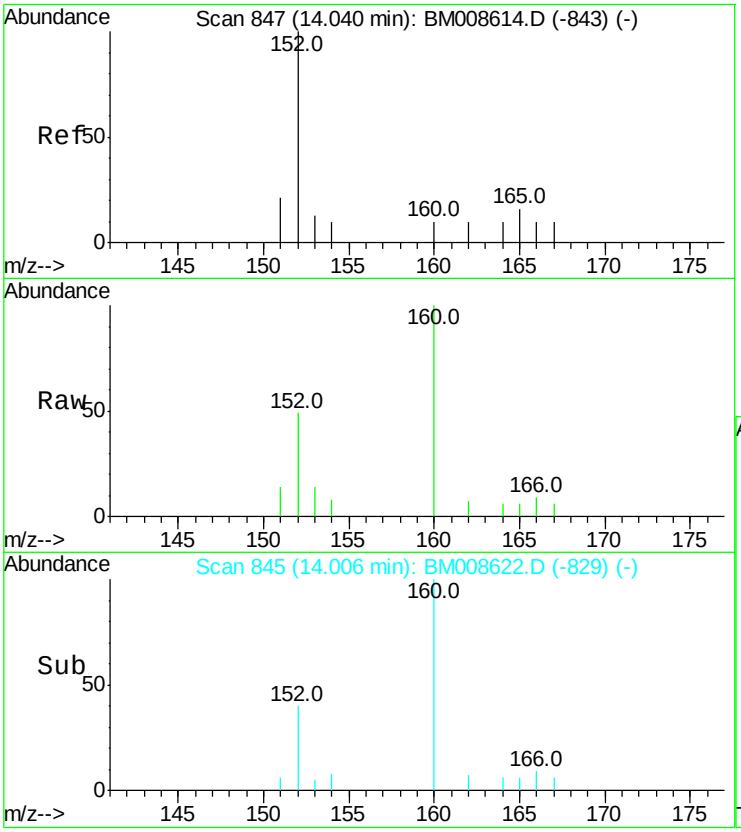


#5
2-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.09 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:142 Resp: 2550

Ion	Ratio	Lower	Upper
142	100		
141	84.5	72.6	108.8

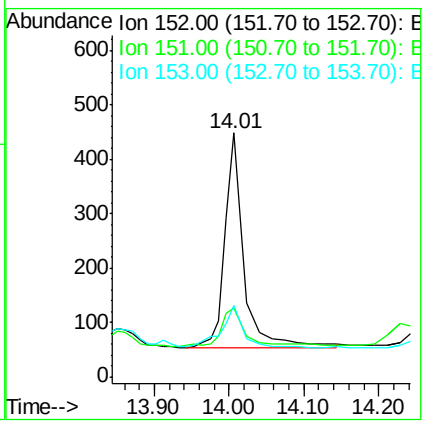




#7
Acenaphthylene
Concen: 0.15 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
151	27.9	17.1	25.7#
153	29.2	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA884

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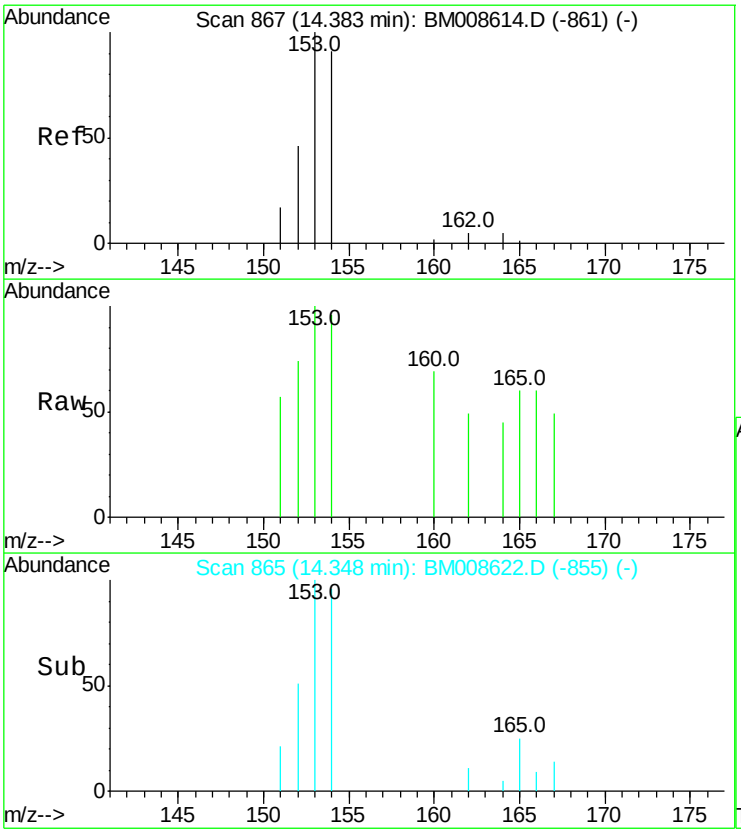
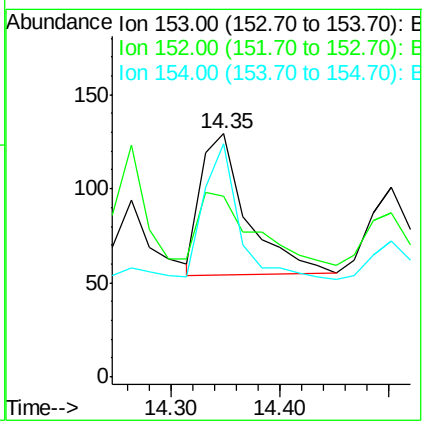
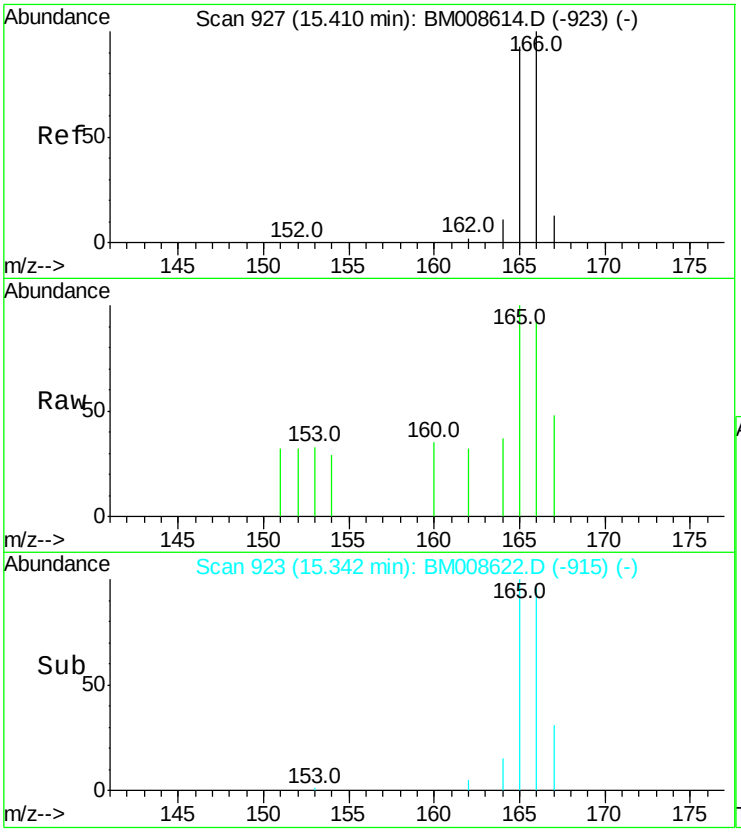


#8
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:153 Resp: 221

Ion	Ratio	Lower	Upper
153	100		
152	74.4	40.3	60.5#
154	96.1	71.4	107.2

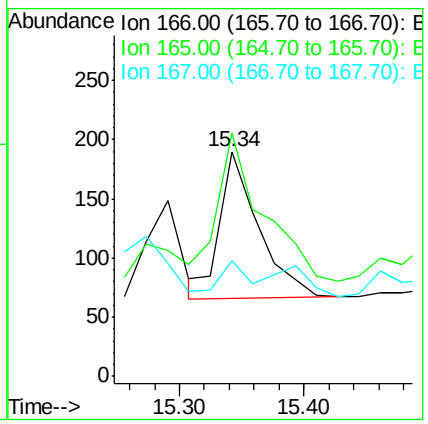




#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.07 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:166 Resp: 273

Ion	Ratio	Lower	Upper
166	100		
165	108.4	73.4	110.2
167	51.6	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA884

Manual Integrations APPROVED
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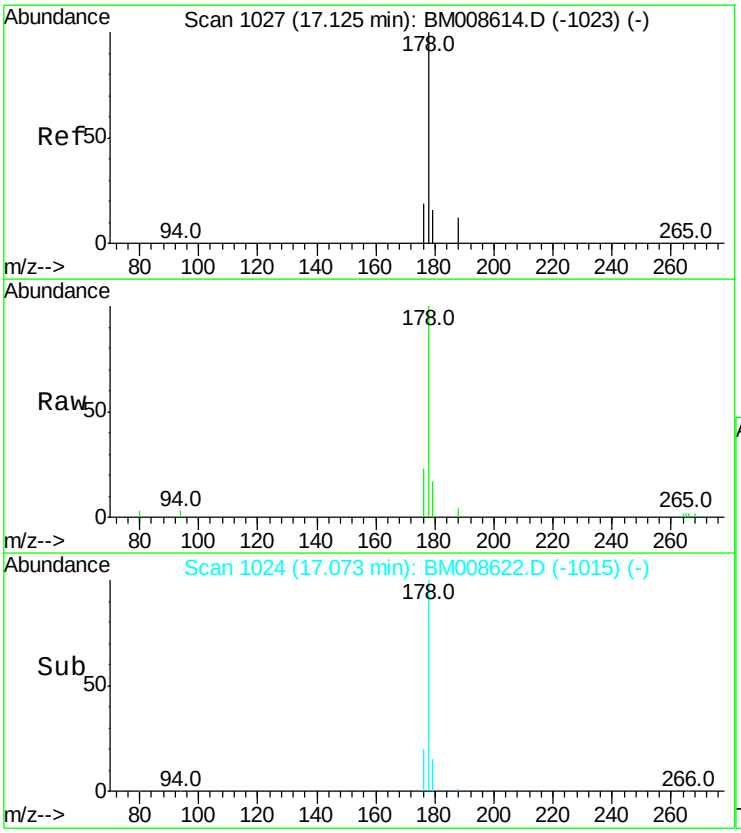
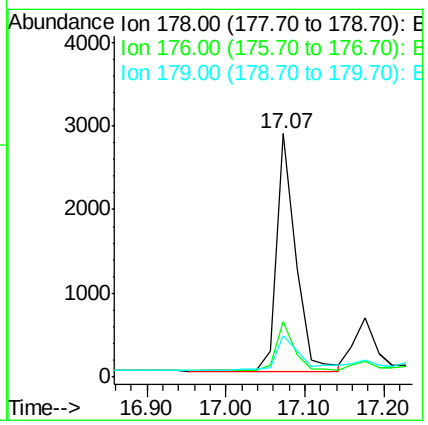
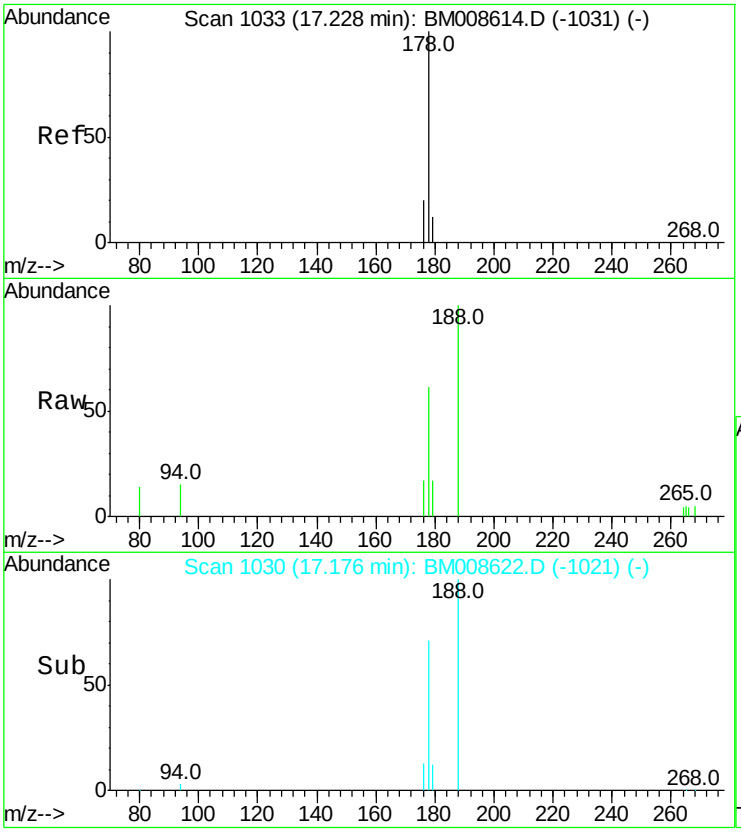


#12
Phenanthrene
Concen: 0.77 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:178 Resp: 4745

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.4	27.6
179	17.1	13.6	20.4





#13
Anthracene
Concen: 0.17 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:178 Resp: 999

Ion	Ratio	Lower	Upper
178	100		
176	27.1	18.1	27.1#
179	28.3	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
DA884

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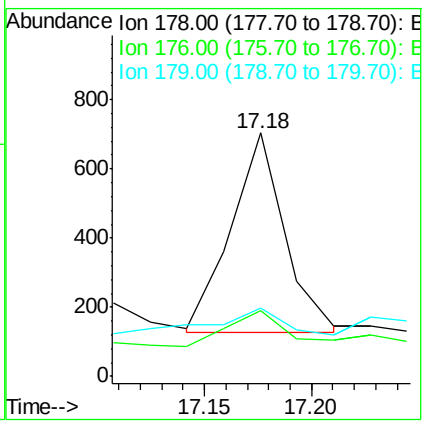
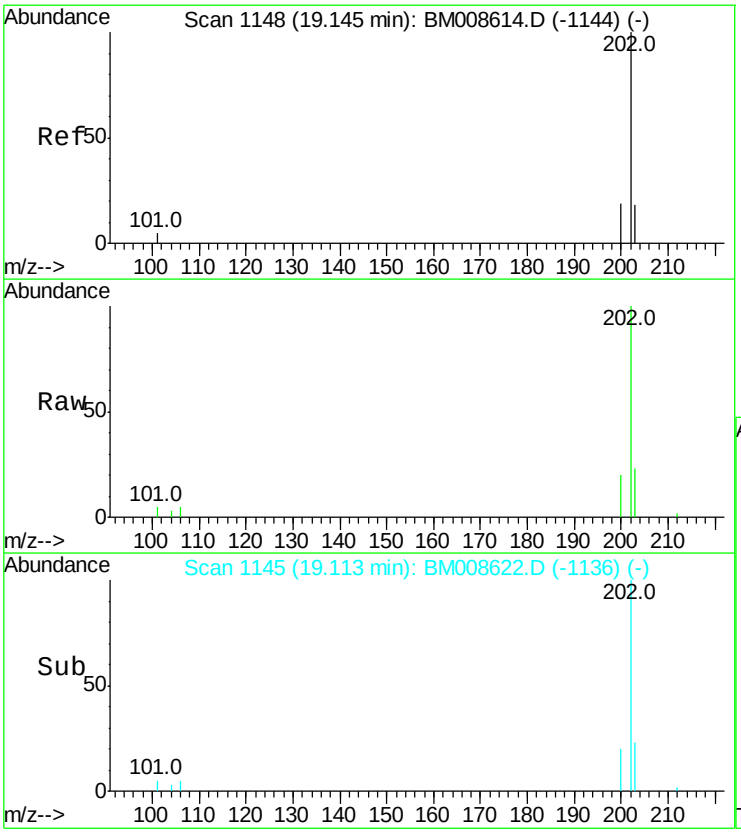
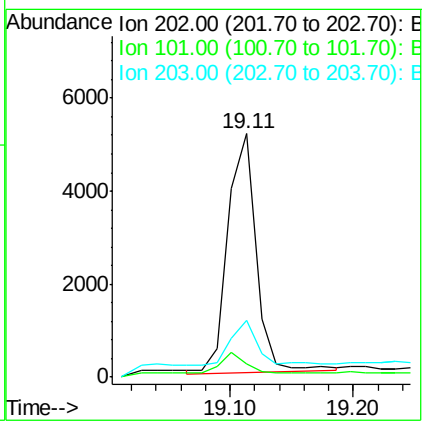


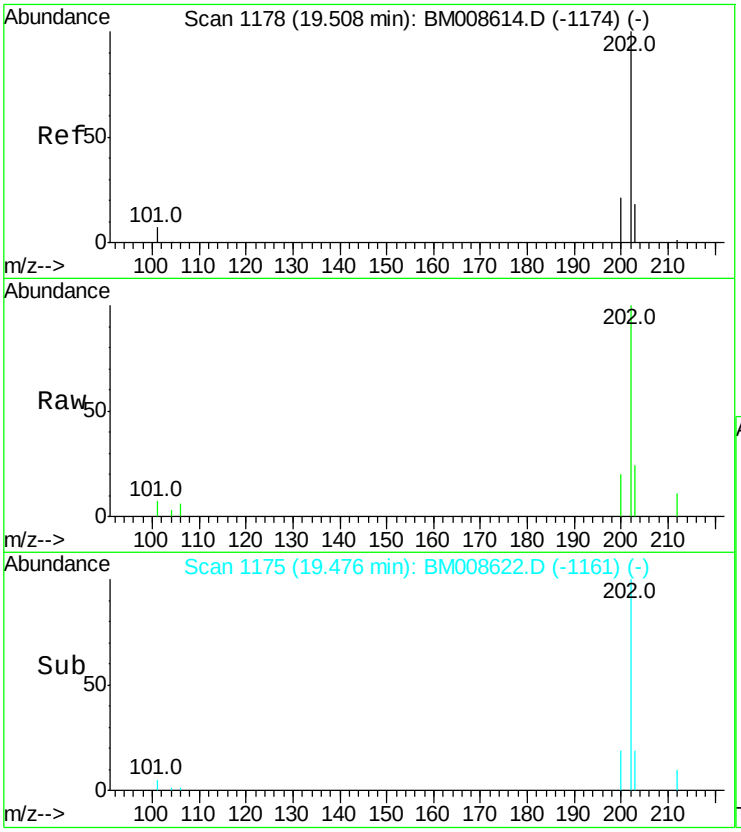


#15
Fluoranthene
Concen: 1.09 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:202 Resp: 8256

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	30.3
203	23.1	0.0	39.5





#17
Pyrene
Concen: 1.20 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:202 Resp: 9595

Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.2	27.4
203	23.9	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
DA884

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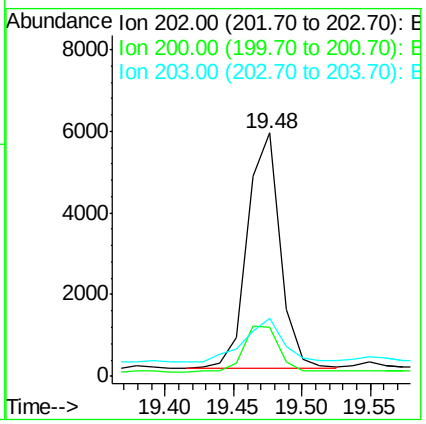
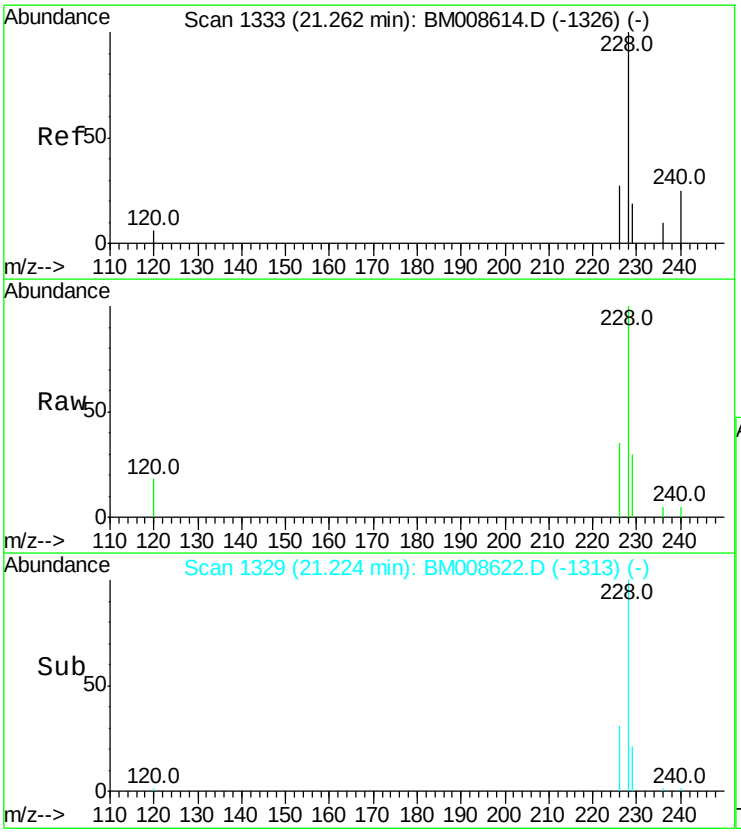
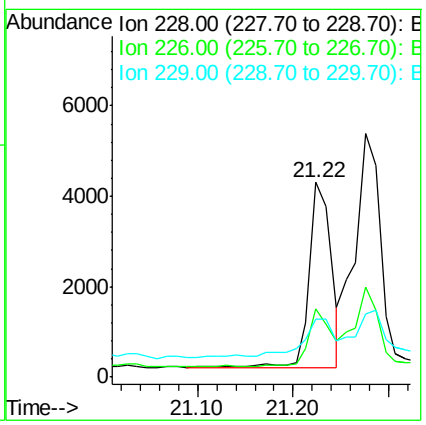


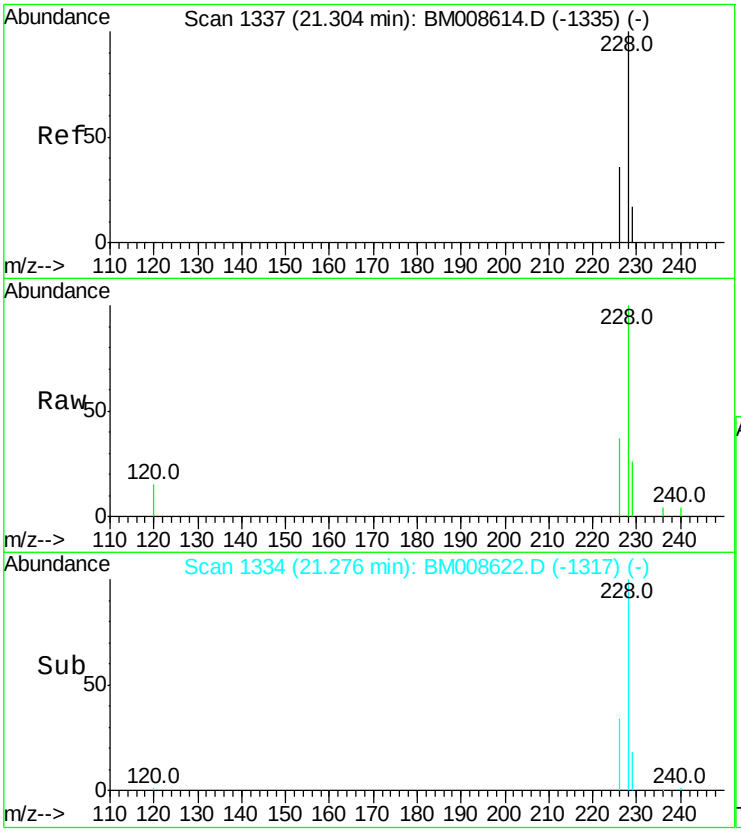


#18
Benzo(a)anthracene
Concen: 0.95 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:228 Resp: 6471

Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.8	34.2#
229	29.9	17.0	25.6#





#19
Chrysene
Concen: 1.29 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:228 Resp: 9557

Ion	Ratio	Lower	Upper
228	100		
226	37.0	23.4	35.0#
229	25.7	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
DA884

Manual Integrations APPROVED
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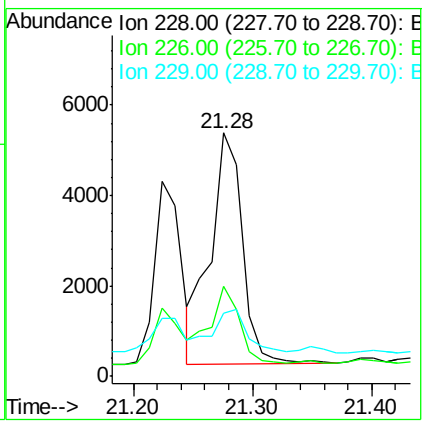
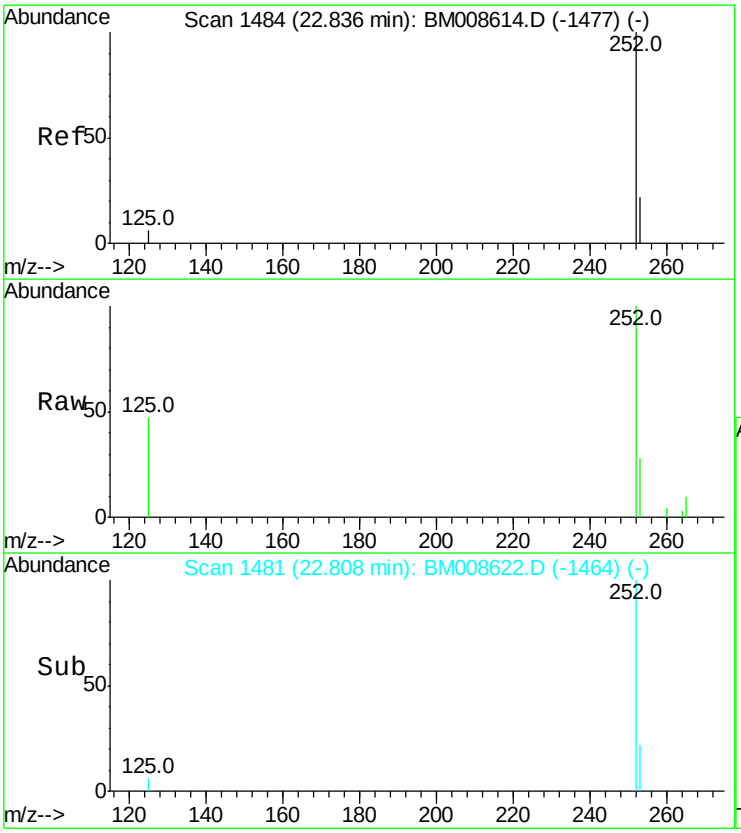
12/26/2016 6:25:52 PM

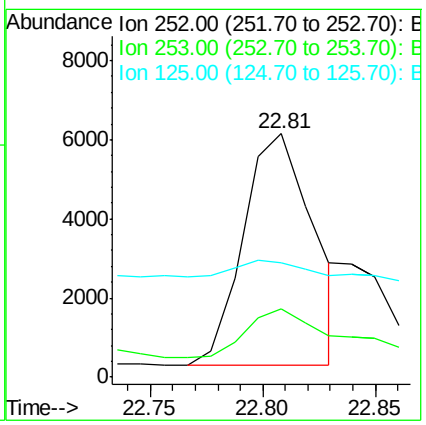


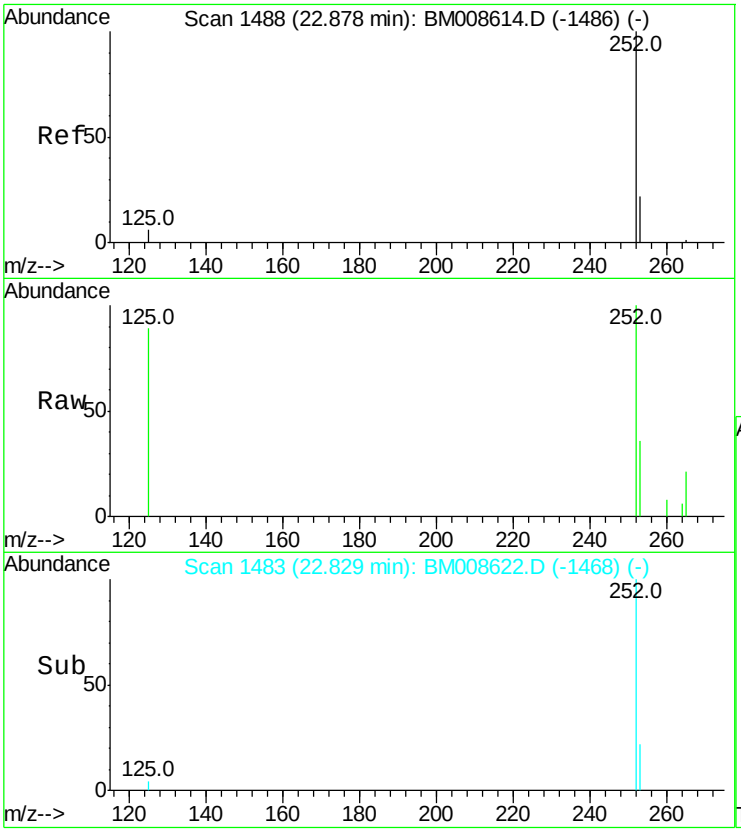


#21
Benzo(b)fluoranthene
Concen: 1.97 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:252 Resp: 12709

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	64.2
125	46.9	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.62 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.05 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:252 Resp: 3917

Ion	Ratio	Lower	Upper
252	100		
253	35.9	24.5	36.7
125	89.2	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA884

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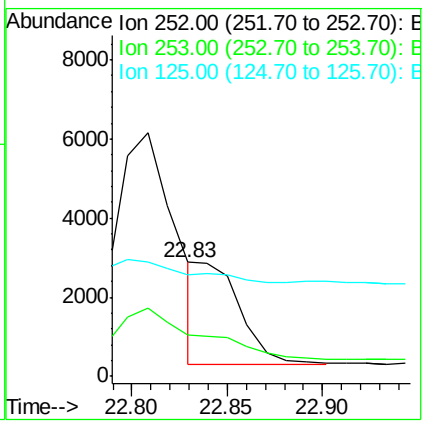
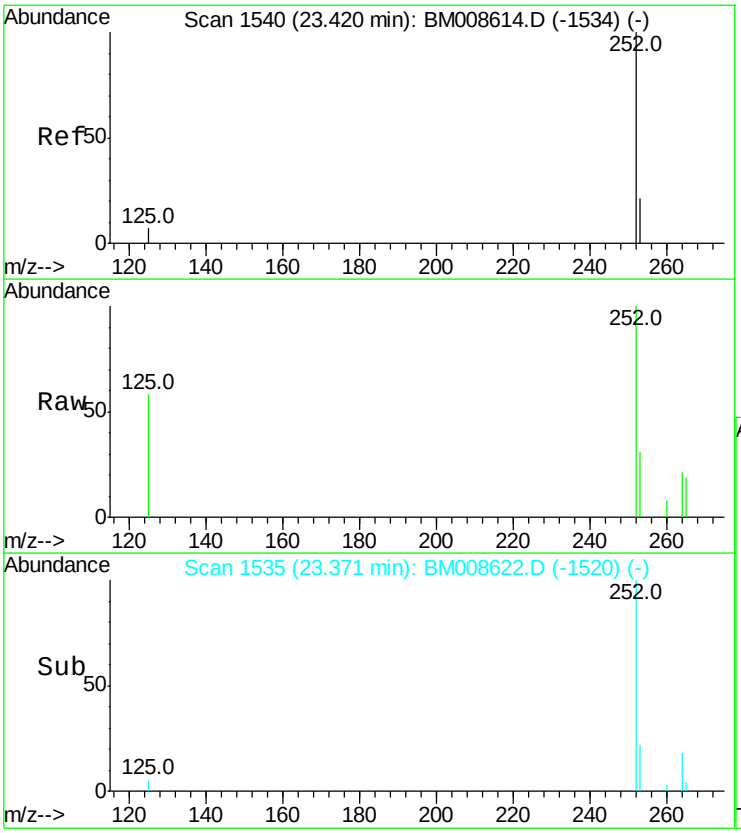
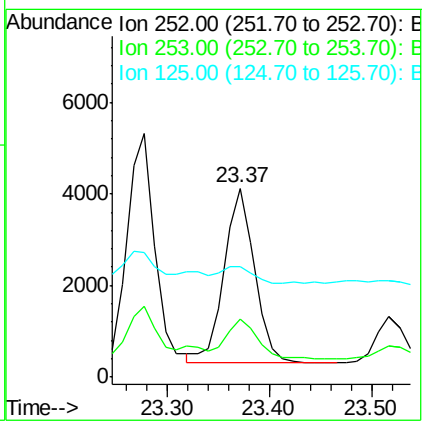


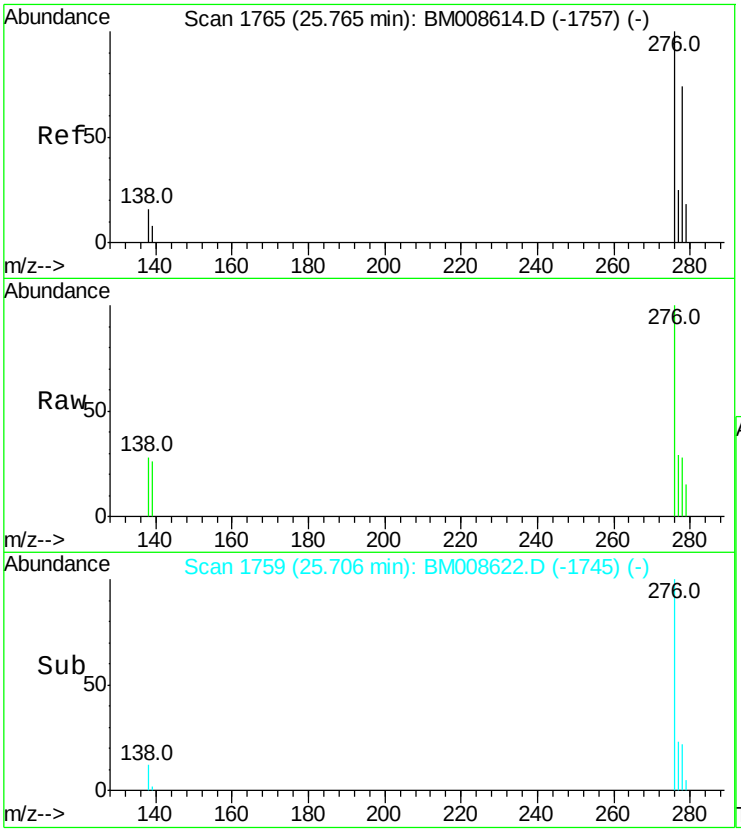


#23
Benzo(a)pyrene
Concen: 1.33 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.05 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:252 Resp: 7956

Ion	Ratio	Lower	Upper
252	100		
253	30.6	28.5	42.7
125	58.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng/ul
RT: 25.71 min Scan# 1759
Delta R.T. -0.06 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:276 Resp: 6895

Ion	Ratio	Lower	Upper
276	100		
138	18.3	19.1	28.7#
277	22.2	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA884

Manual Integrations APPROVED
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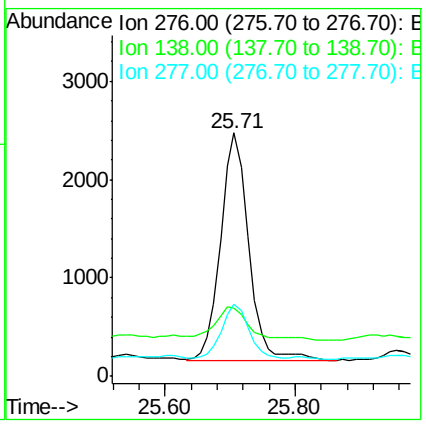
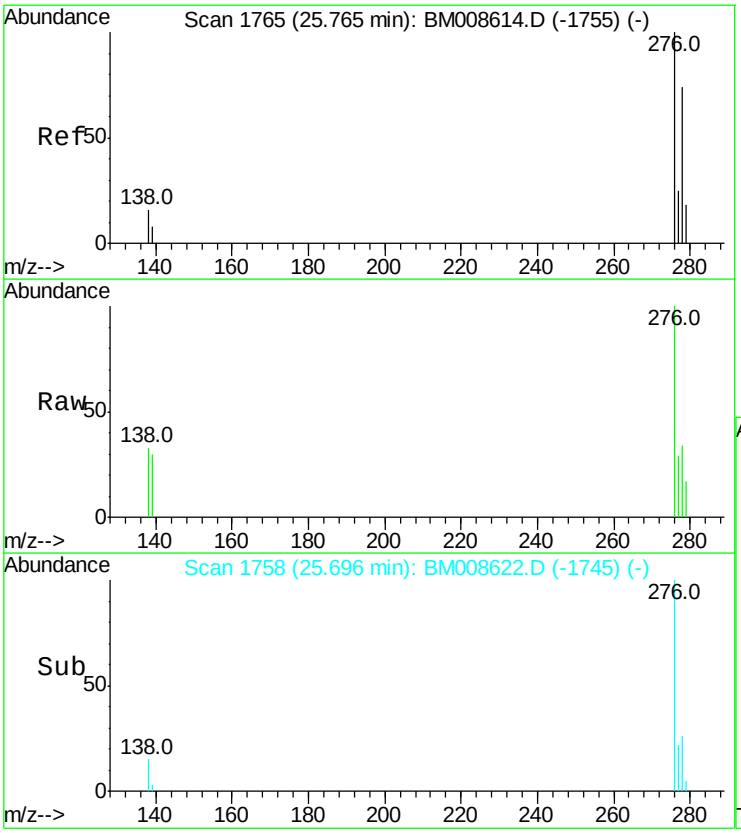
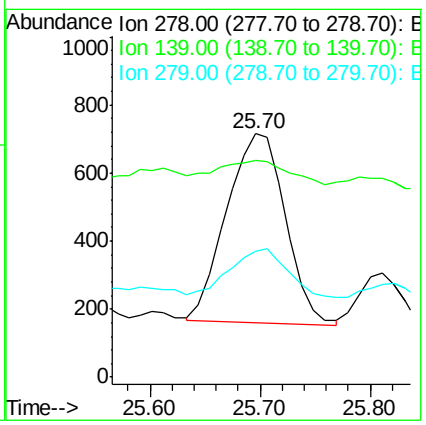


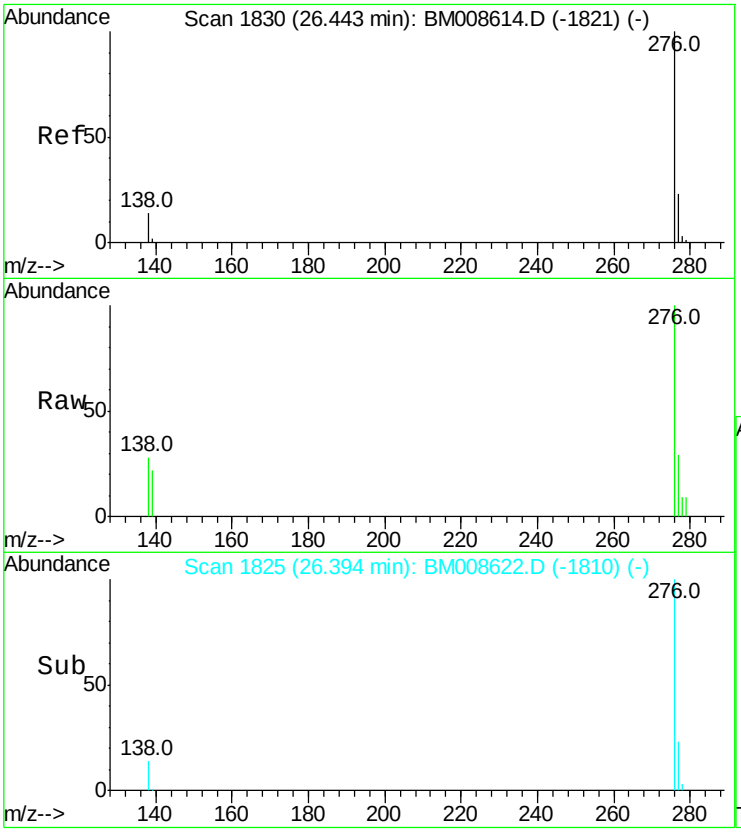


#25
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 25.70 min Scan# 1758
Delta R.T. -0.07 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:278 Resp: 2048

Ion	Ratio	Lower	Upper
278	100		
139	89.2	17.4	26.0#
279	51.5	25.9	38.9#

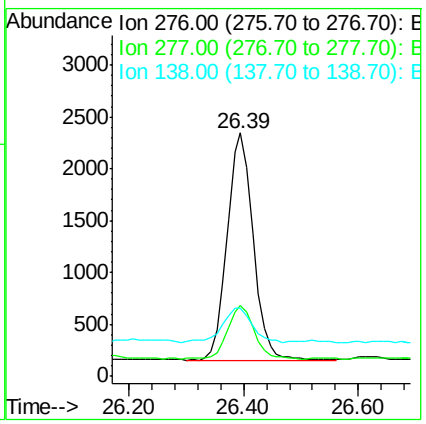




#26
Benzo(g,h,i)perylene
Concen: 1.13 ng/ul
RT: 26.39 min Scan# 1825
Delta R.T. -0.05 min
Lab File: BM008622.D
Acq: 24 Dec 2016 08:09

Tgt Ion:276 Resp: 6906

Ion	Ratio	Lower	Upper
276	100		
277	28.9	21.8	32.8
138	27.9	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DA884

Manual Integrations APPROVED
sohil
12/26/2016 6:25:52 PM