Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
Data File : BM008268.D
Acq On : 12 Dec 2016 17:57
Operator : UM/SJ
Sample : H5905-12DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA812DL

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12/13/2016 6:12:30 PM

Quant Time: Dec 13 03:11:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	492	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	1487	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	830	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1596	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1728	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1633	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	114	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	308m	0.07	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.51	128	1440	0.35	ng/ul#	91
5) 2-Methylnaphthalene	12.14	142	1310	0.49	ng/ul	94
7) Acenaphthylene	14.04	152	960	0.26	ng/ul#	86
8) Acenaphthene	14.38	153	145	0.05	ng/ul#	88
9) Fluorene	15.38	166	113	0.03	ng/ul#	51
12) Phenanthrene	17.11	178	3788	0.76	ng/ul	99
13) Anthracene	17.21	178	1420m	0.30	ng/ul	
15) Fluoranthene	19.14	202	8131	1.27	ng/ul	95
17) Pyrene	19.51	202	6858	1.14	ng/ul	97
18) Benzo(a)anthracene	21.25	228	5162	0.97	ng/ul	96
19) Chrysene	21.30	228	7012m	1.06	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	11973m	1.84	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2998m	0.45	ng/ul	
23) Benzo(a)pyrene	23.41	252	6963m	1.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	6221	0.82	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.76	278	1510	0.25	ng/ul#	85
26) Benzo(g,h,i)perylene	26.44	276	5272	0.79	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
Data File : BM008268.D
Acq On : 12 Dec 2016 17:57
Operator : UM/SJ
Sample : H5905-12DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 13 03:11:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA812DL

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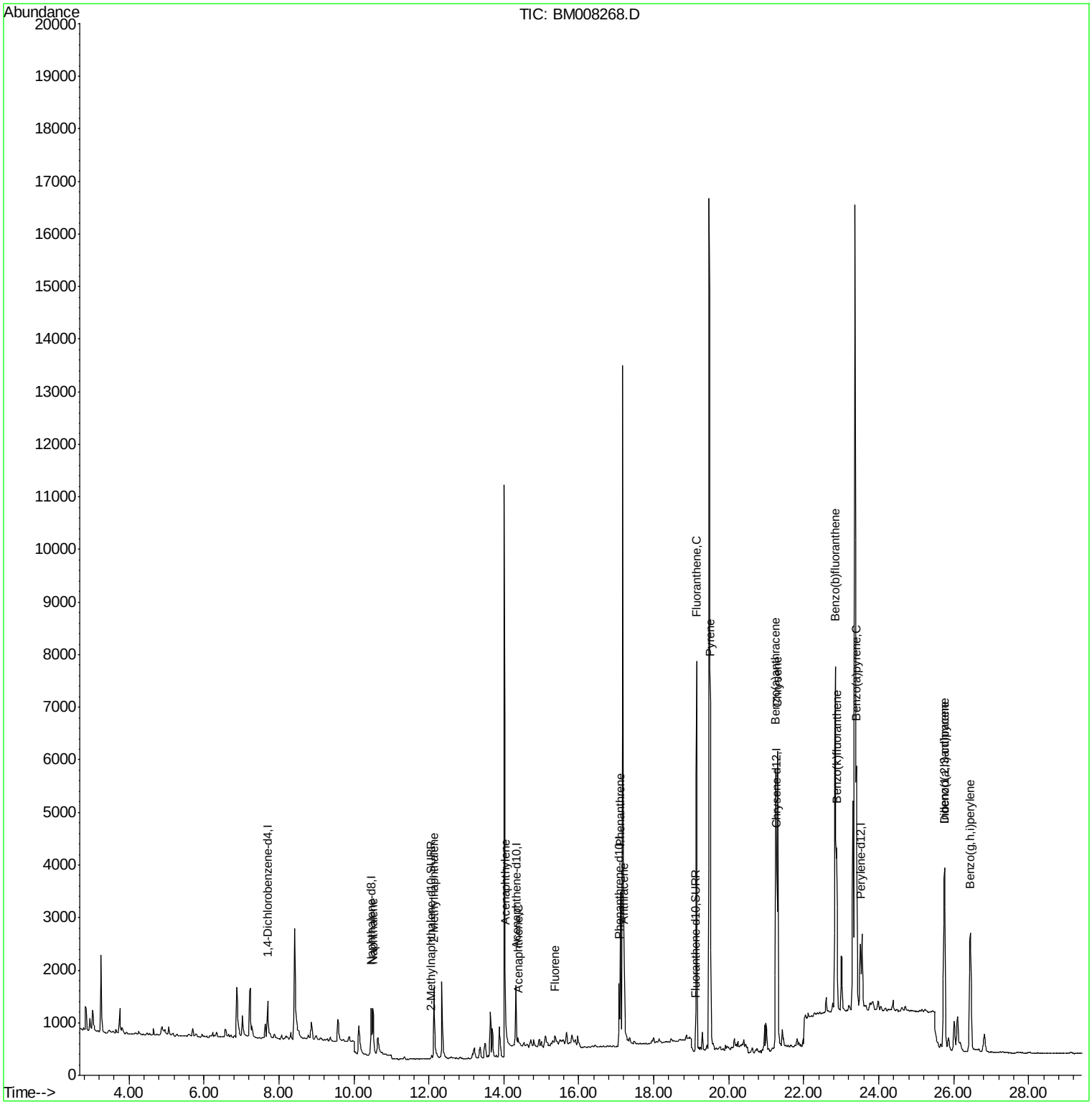
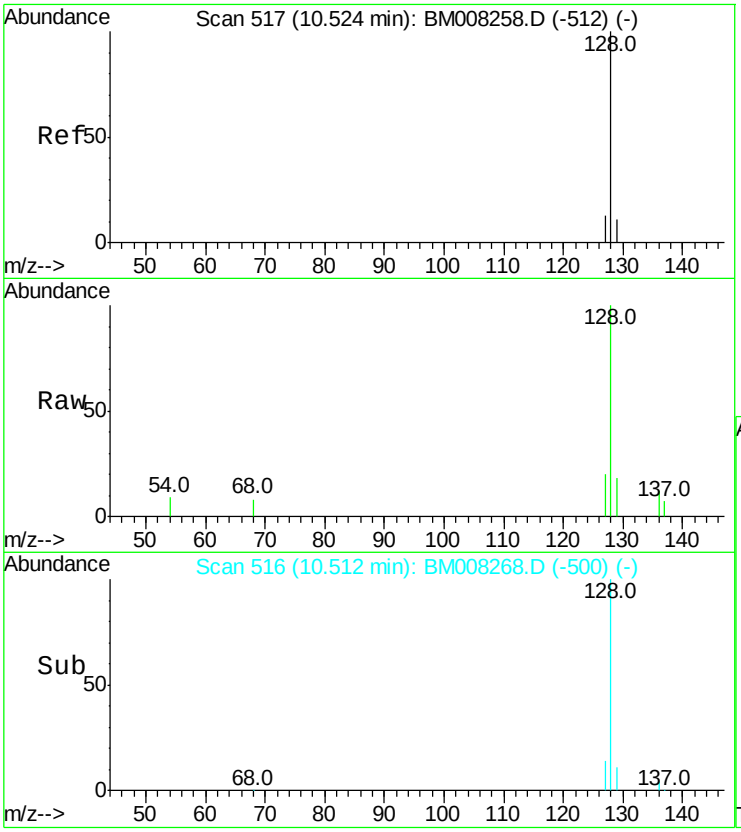
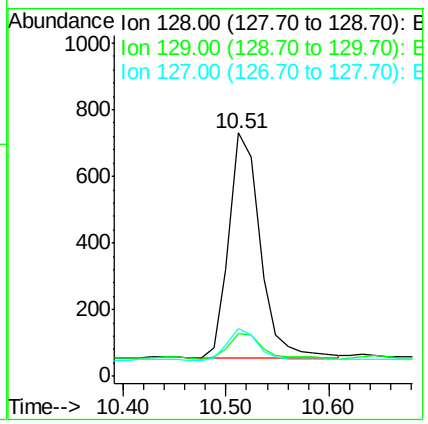




#3
Naphthalene
Concen: 0.35 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:128 Resp: 1440

Ion	Ratio	Lower	Upper
128	100		
129	17.6	11.3	16.9#
127	19.8	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA812DL

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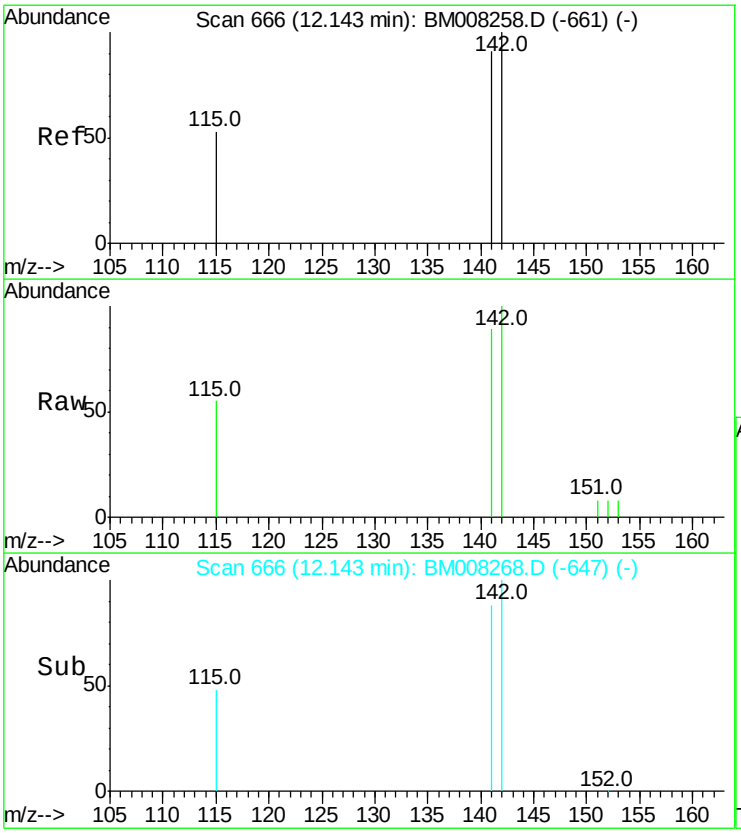
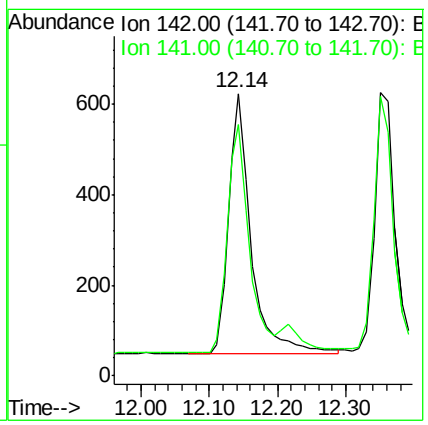
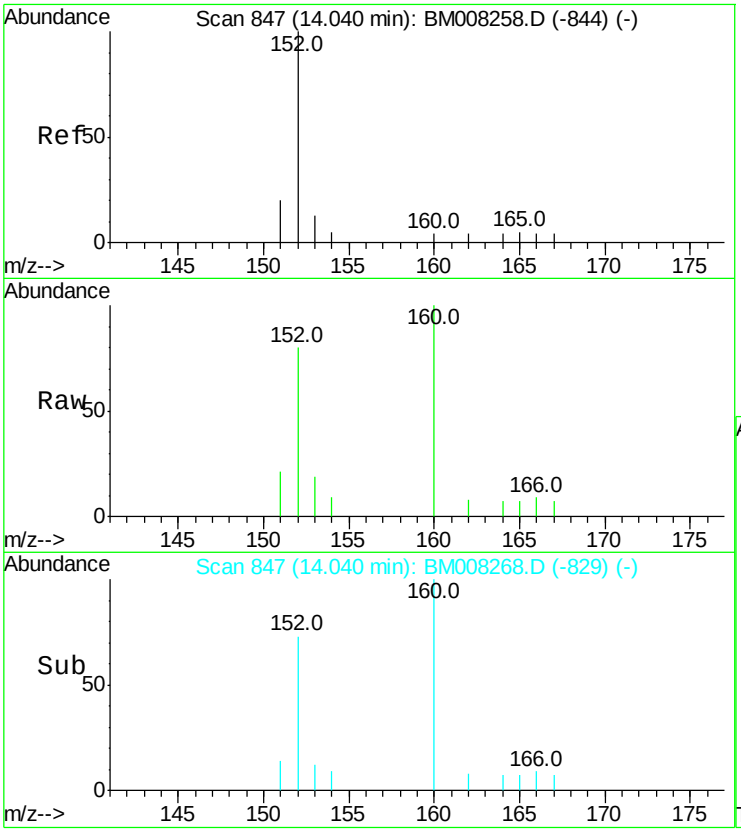


#5
2-Methylnaphthalene
Concen: 0.49 ng/ul
RT: 12.14 min Scan# 666
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:142 Resp: 1310

Ion	Ratio	Lower	Upper
142	100		
141	84.7	72.6	108.8

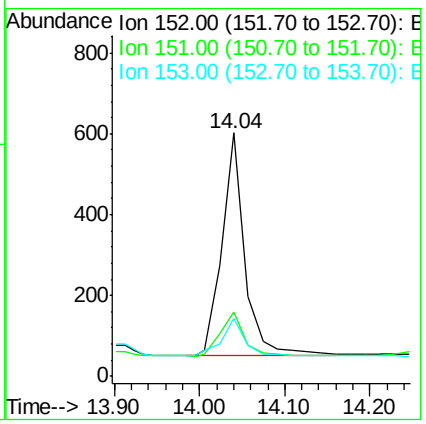




#7
Acenaphthylene
Concen: 0.26 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:152 Resp: 960

Ion	Ratio	Lower	Upper
152	100		
151	26.4	17.1	25.7#
153	24.1	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA812DL

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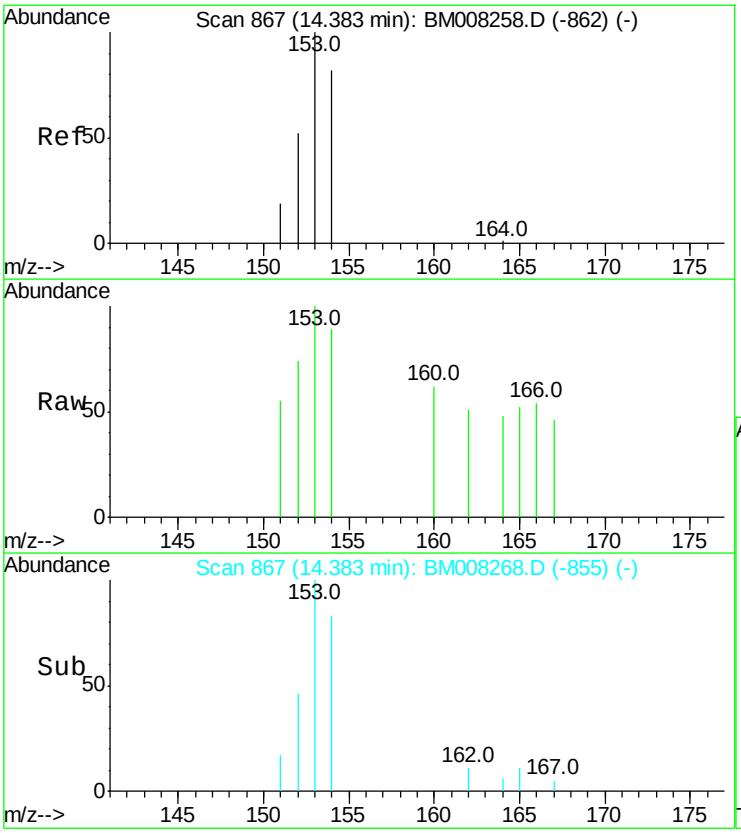
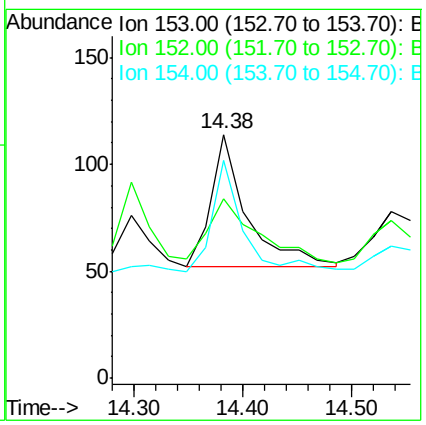
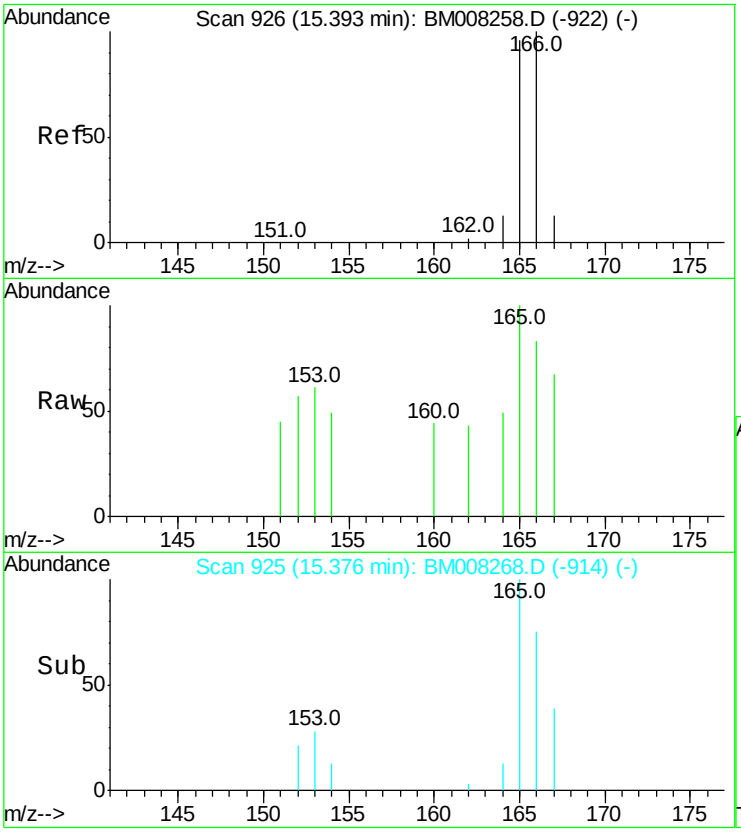


#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:153 Resp: 145

Ion	Ratio	Lower	Upper
153	100		
152	73.7	40.3	60.5#
154	89.5	71.4	107.2

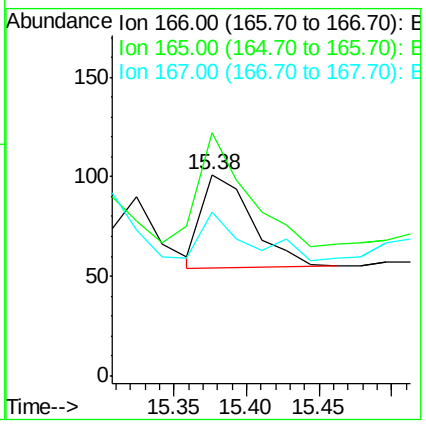




#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:166 Resp: 113

Ion	Ratio	Lower	Upper
166	100		
165	120.8	73.4	110.2#
167	81.2	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA812DL

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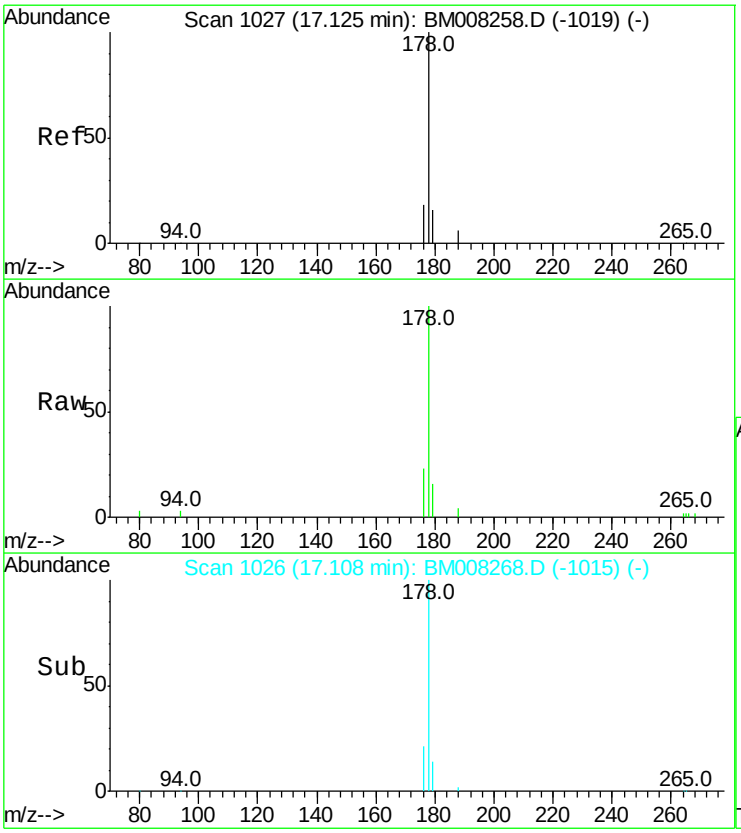
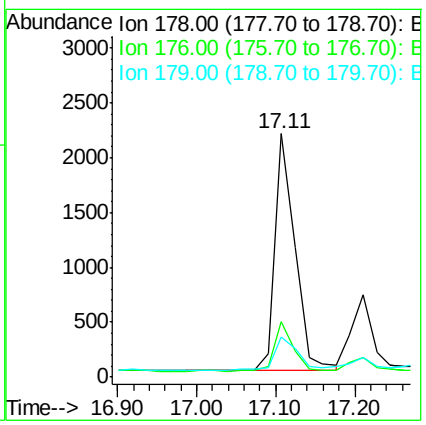
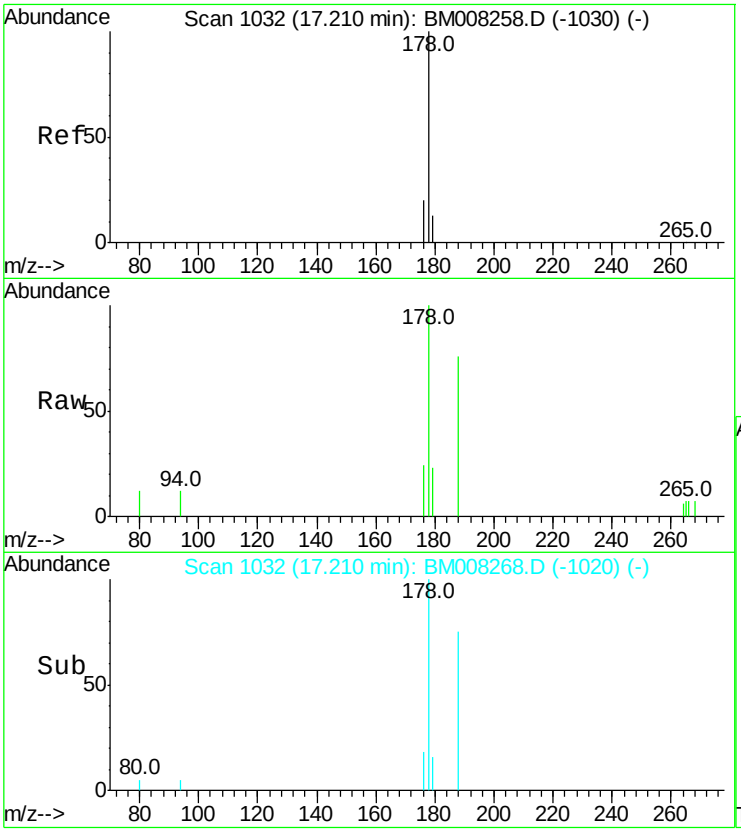


#12
Phenanthrene
Concen: 0.76 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:178 Resp: 3788

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.4	27.6
179	16.5	13.6	20.4

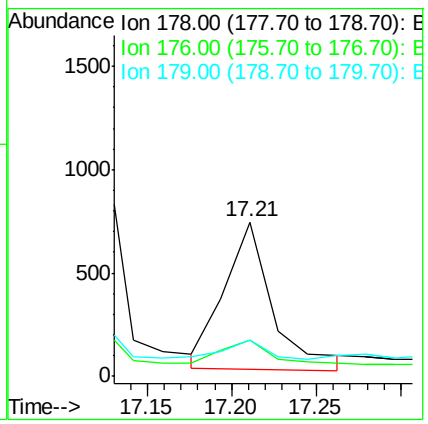




#13
Anthracene
Concen: 0.30 ng/ul m
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:178 Resp: 1420

Ion	Ratio	Lower	Upper
178	100		
176	23.7	18.1	27.1
179	23.3	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
DA812DL

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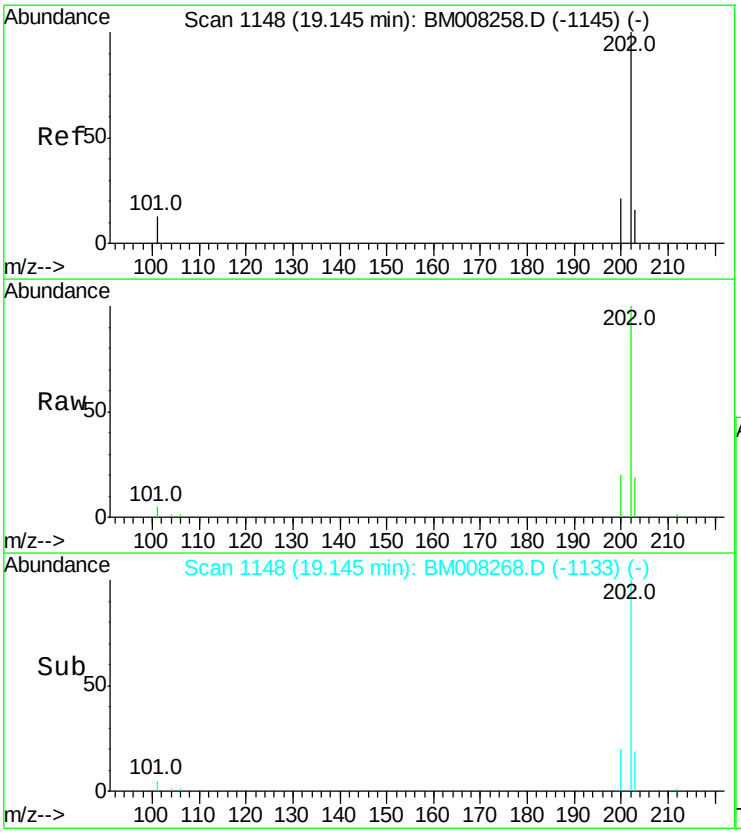
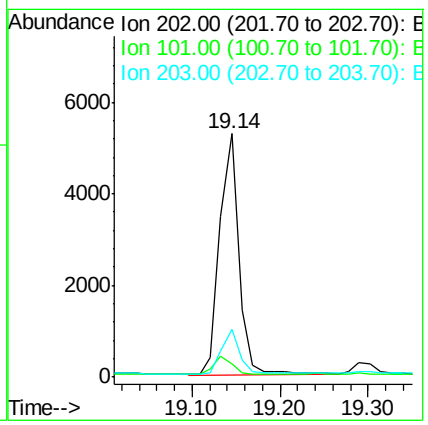
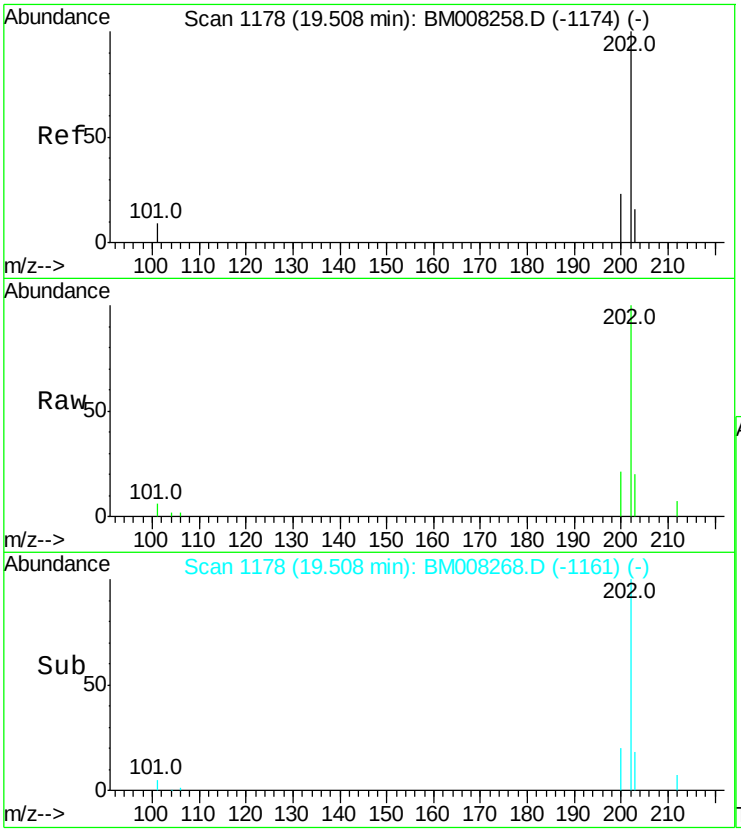


#15
Fluoranthene
Concen: 1.27 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:202 Resp: 8131

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	30.3
203	19.4	0.0	39.5

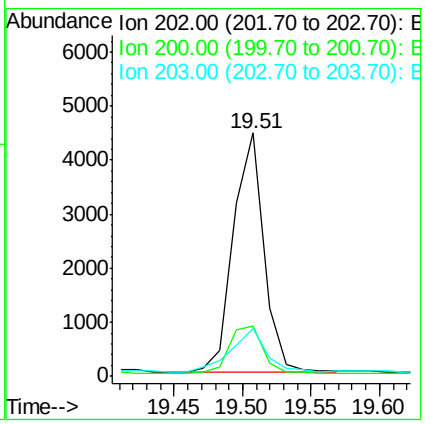




#17
Pyrene
Concen: 1.14 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:202 Resp: 6858

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.2	27.4
203	19.8	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA812DL

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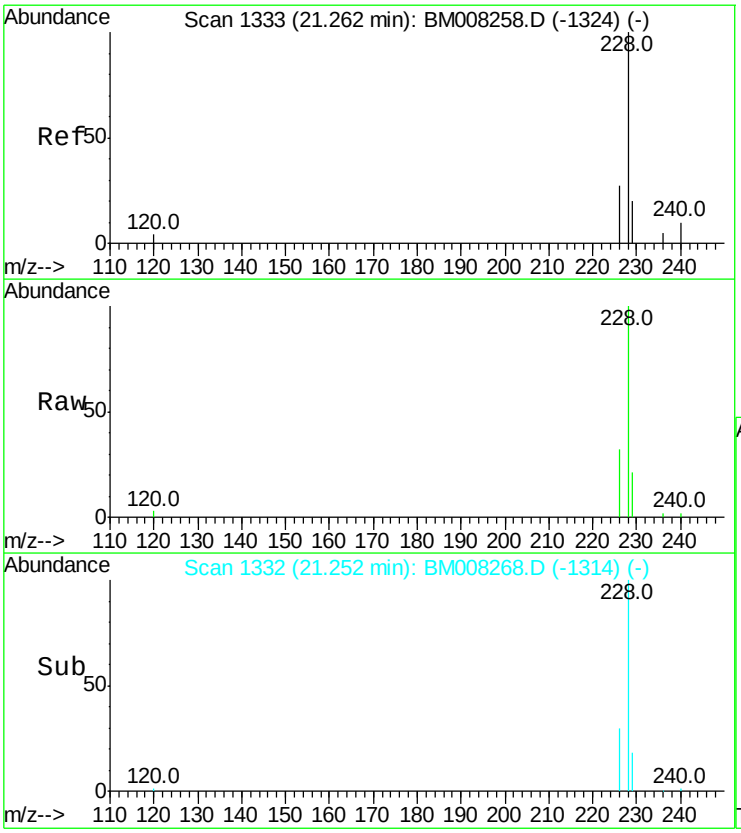
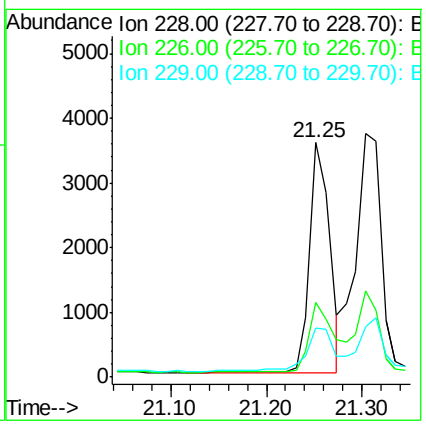
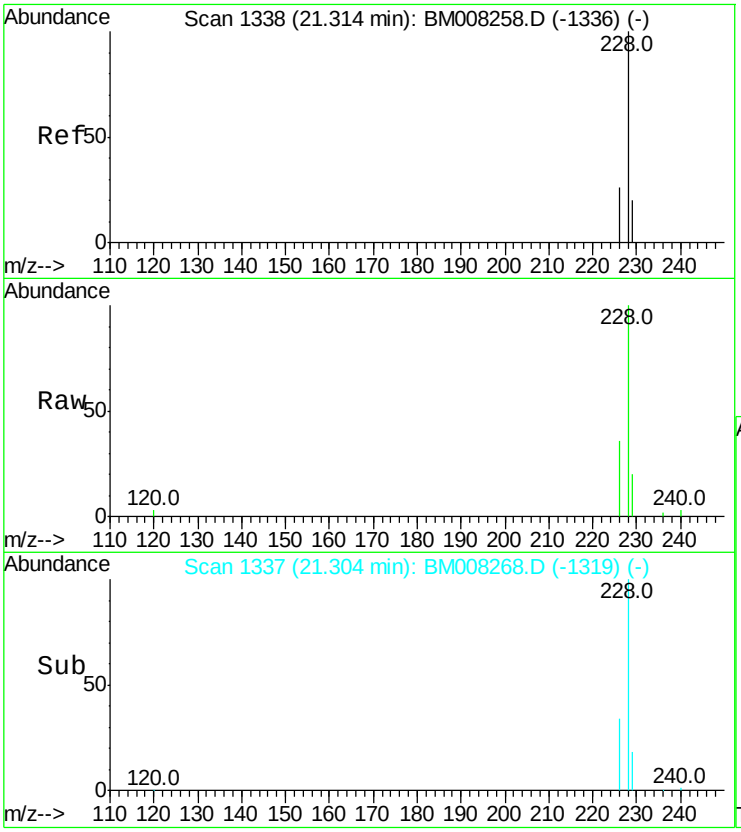


#18
Benzo(a)anthracene
Concen: 0.97 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:228 Resp: 5162

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.8	34.2
229	20.9	17.0	25.6





#19
Chrysene
Concen: 1.06 ng/ul m
RT: 21.30 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:228 Resp: 7012

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.4	35.0#
229	20.5	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
DA812DL

Manual Integrations APPROVED
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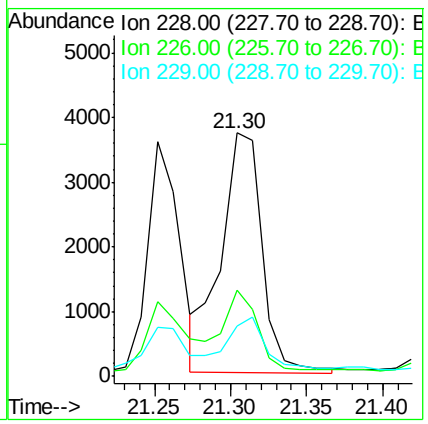
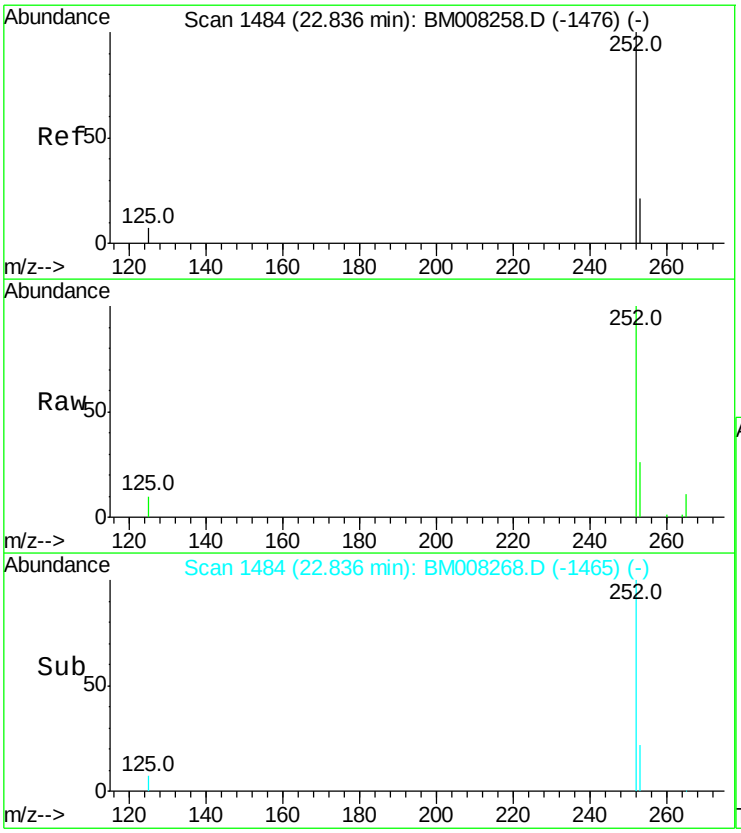
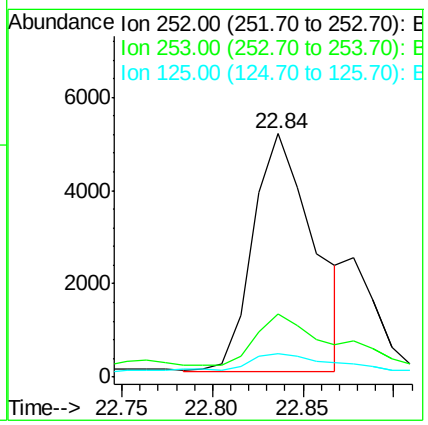


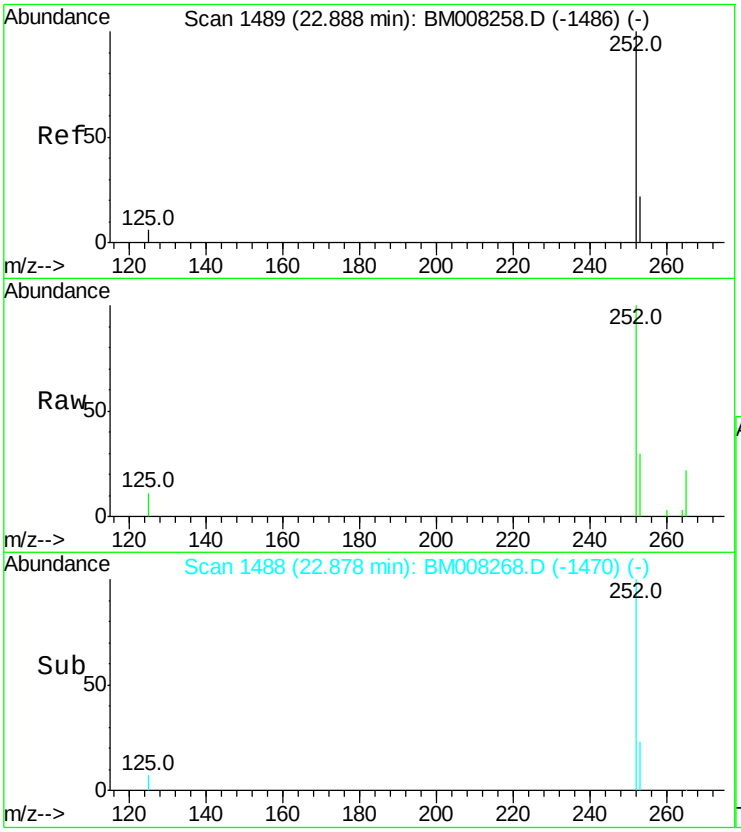


#21
Benzo(b)fluoranthene
Concen: 1.84 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:252 Resp: 11973

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	64.2
125	9.8	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.45 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:252 Resp: 2998

Ion	Ratio	Lower	Upper
252	100		
253	29.9	24.5	36.7
125	11.4	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA812DL

Manual Integrations APPROVED
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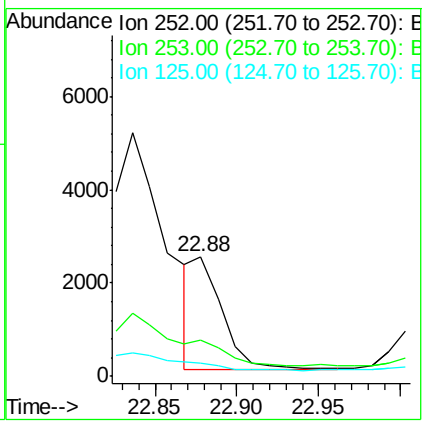
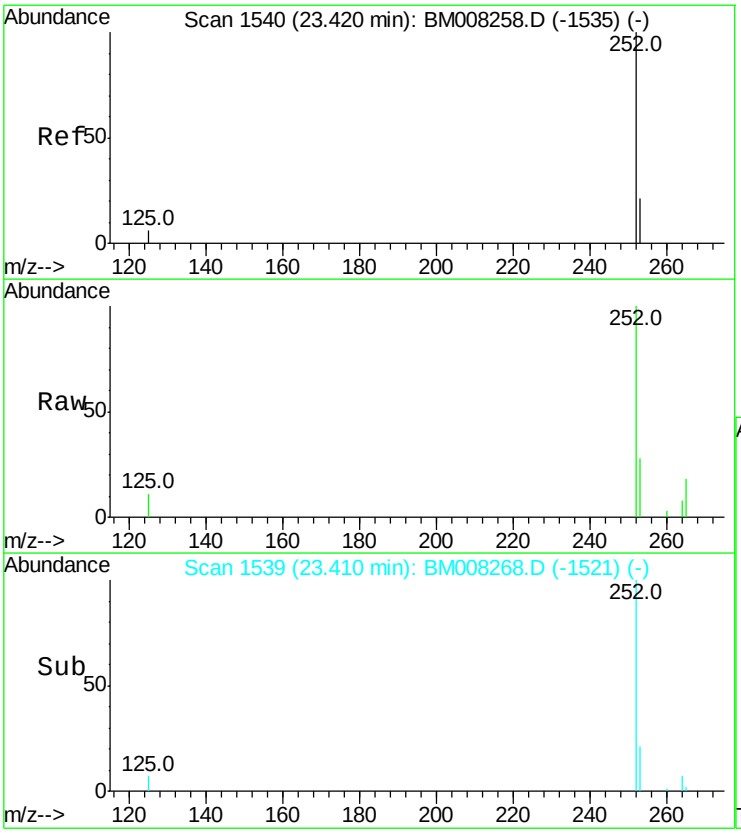
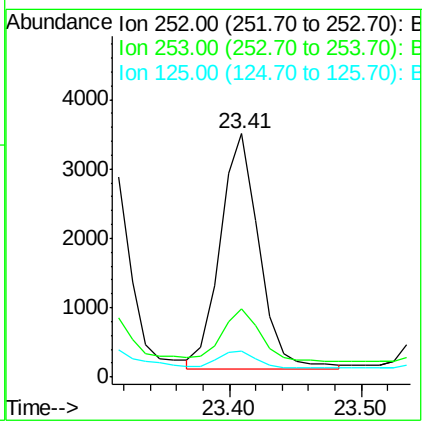


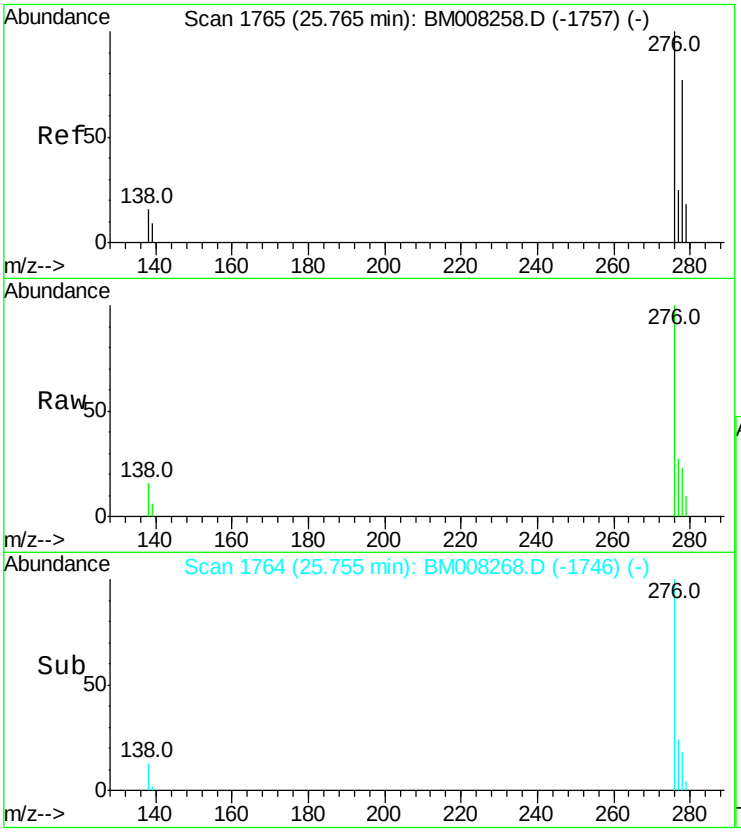


#23
Benzo(a)pyrene
Concen: 1.14 ng/ul m
RT: 23.41 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:252 Resp: 6963

Ion	Ratio	Lower	Upper
252	100		
253	28.0	28.5	42.7#
125	10.7	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.82 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:276 Resp: 6221

Ion	Ratio	Lower	Upper
276	100		
138	14.3	19.1	28.7#
277	22.5	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA812DL

Manual Integrations APPROVED
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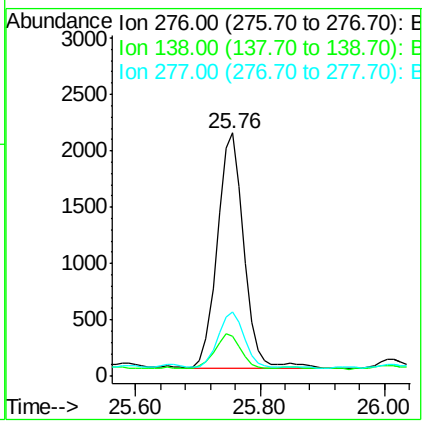
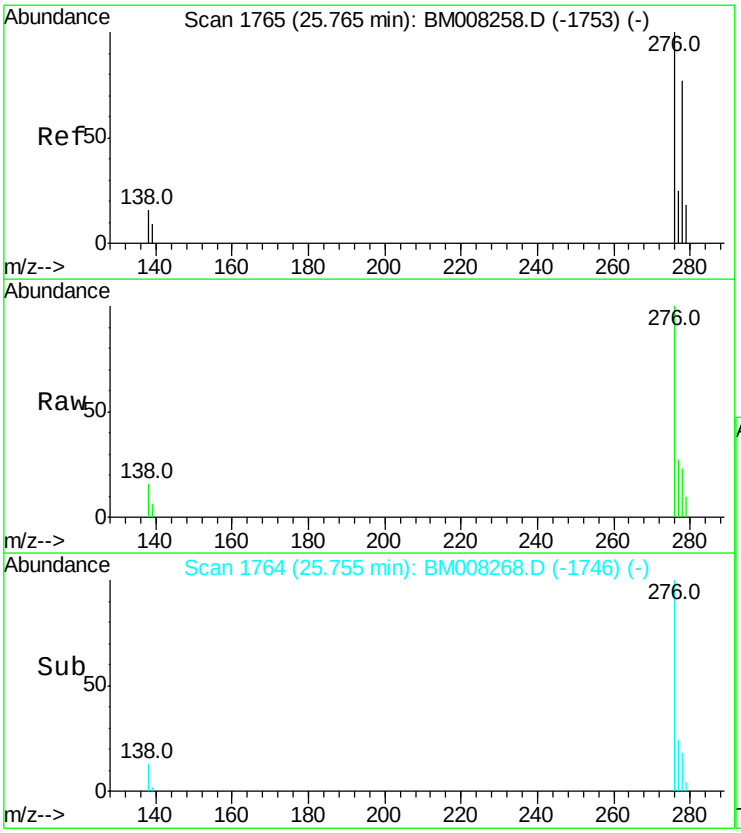
12/13/2016 6:12:30 PM

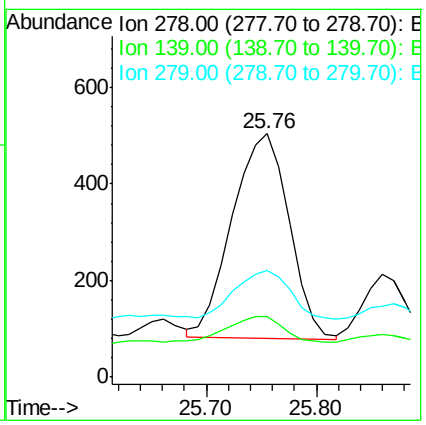


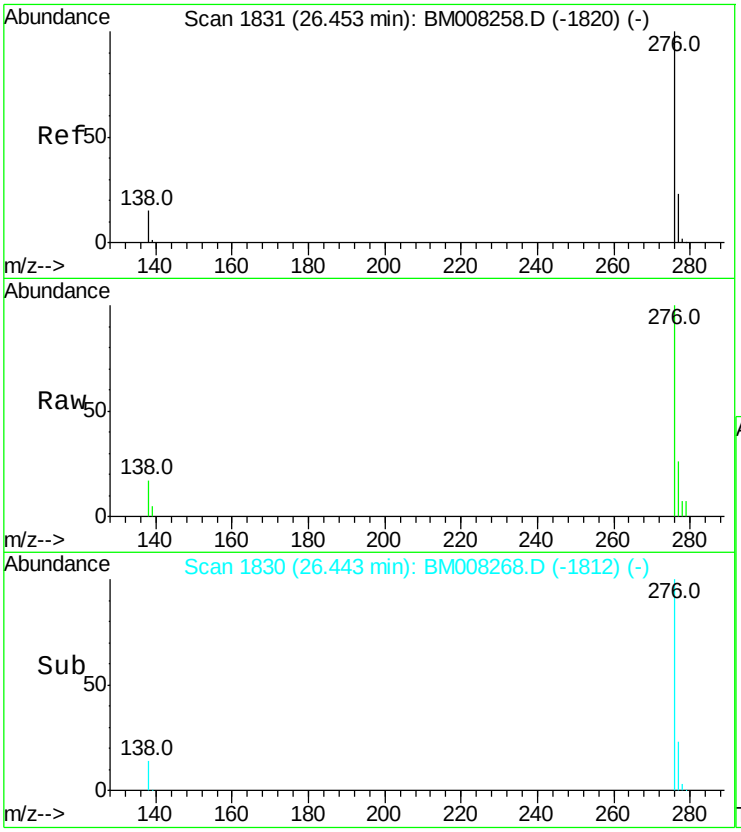


#25
Dibenzo(a,h)anthracene
Concen: 0.25 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:278 Resp: 1510

Ion	Ratio	Lower	Upper
278	100		
139	24.8	17.4	26.0
279	43.7	25.9	38.9#

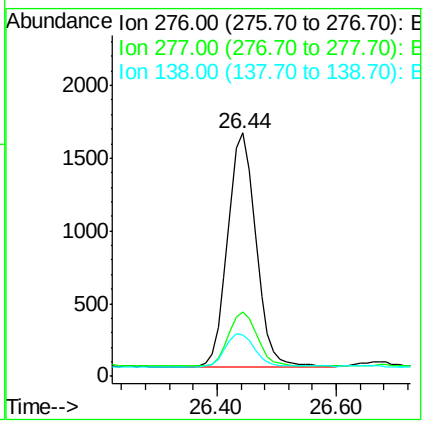




#26
Benzo(g,h,i)perylene
Concen: 0.79 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM008268.D
Acq: 12 Dec 2016 17:57

Tgt Ion:276 Resp: 5272

Ion	Ratio	Lower	Upper
276	100		
277	26.3	21.8	32.8
138	17.1	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA812DL

Manual Integrations APPROVED
umangi
12/13/2016 6:12:30 PM