Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008217.D
Acq On : 09 Dec 2016 22:16
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:30 PM

Quant Time: Dec 12 00:04:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	582	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1867	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1745	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1805	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1766	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	585	0.22	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	1713m	0.35	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	2276	0.44	ng/ul	98
5) 2-Methylnaphthalene	12.12	142	4133	1.23	ng/ul	97
7) Acenaphthylene	14.04	152	1079	0.21	ng/ul#	67
8) Acenaphthene	14.38	153	541	0.14	ng/ul#	91
9) Fluorene	15.38	166	1425	0.32	ng/ul#	69
12) Phenanthrene	17.11	178	7843	1.44	ng/ul	100
13) Anthracene	17.21	178	2297m	0.45	ng/ul	
15) Fluoranthene	19.14	202	14294	2.04	ng/ul	89
17) Pyrene	19.51	202	15793	2.52	ng/ul	97
18) Benzo(a)anthracene	21.25	228	8392	1.51	ng/ul#	85
19) Chrysene	21.30	228	11213	1.63	ng/ul#	88
21) Benzo(b)fluoranthene	22.84	252	22076m	3.13	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	4334m	0.60	ng/ul	
23) Benzo(a)pyrene	23.41	252	13193	2.00	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.74	276	9485	1.16	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.74	278	3732	0.57	ng/ul#	77
26) Benzo(g,h,i)perylene	26.43	276	14423	1.99	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008217.D
Acq On : 09 Dec 2016 22:16
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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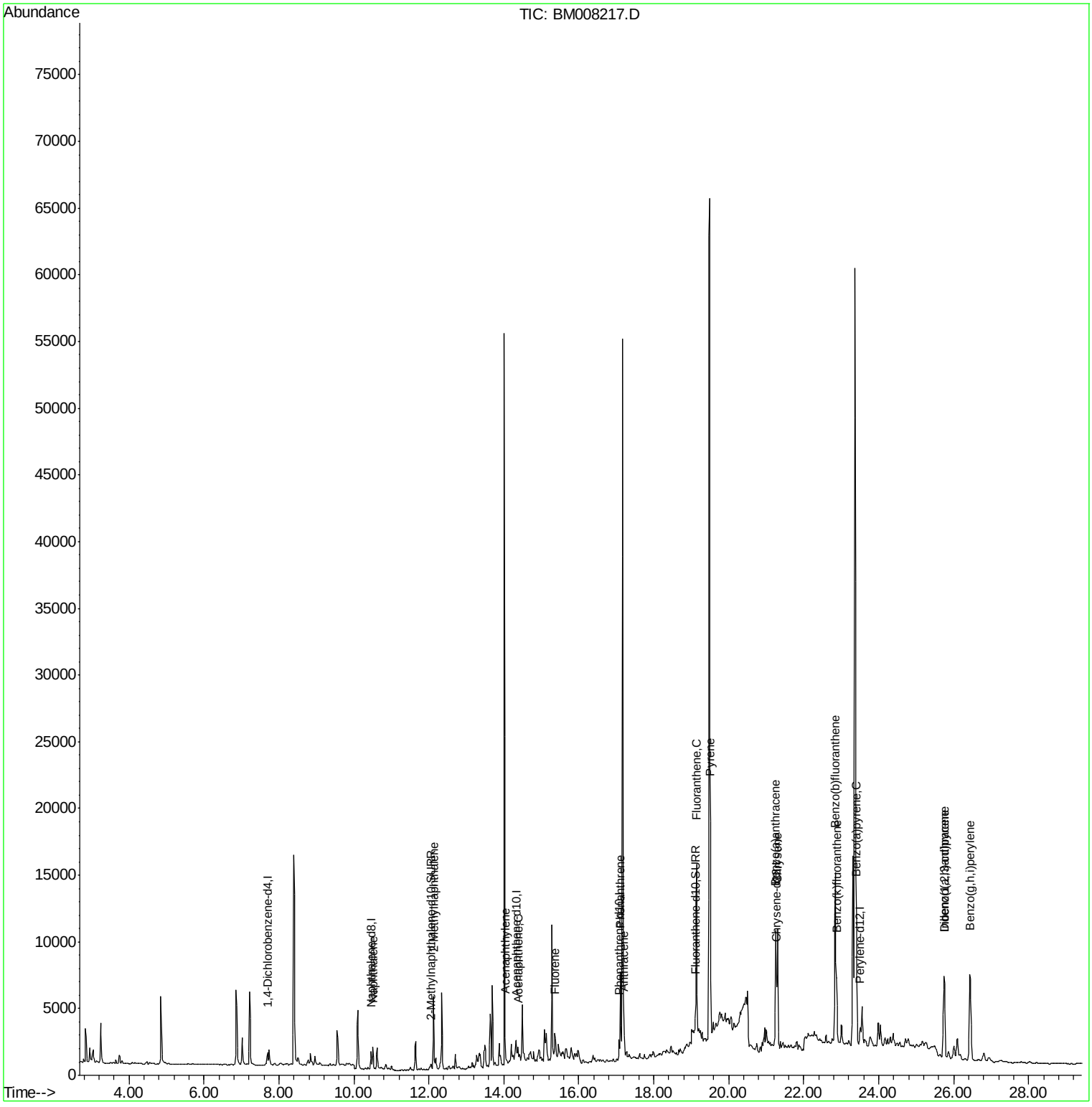
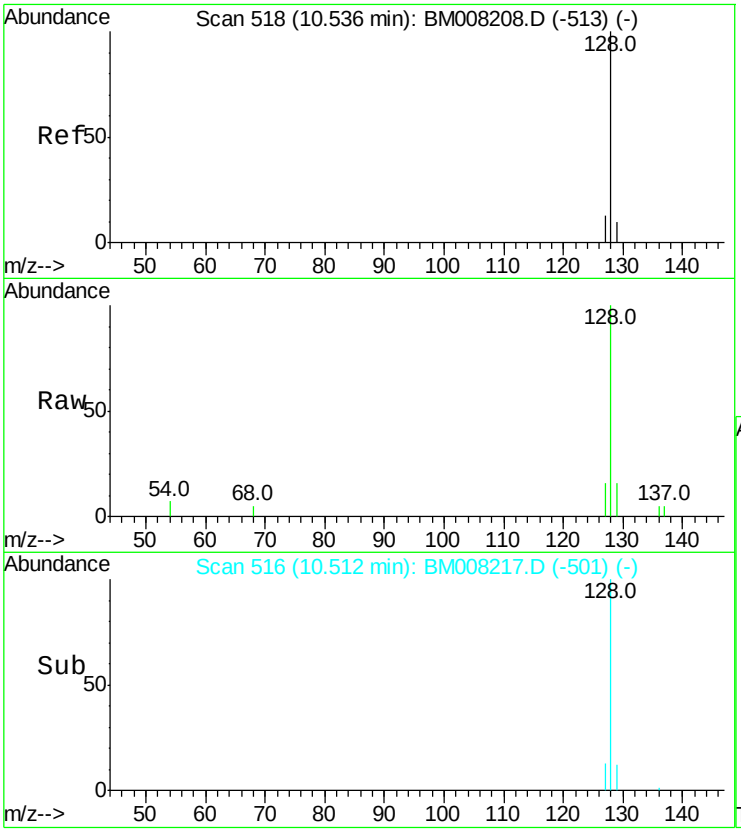
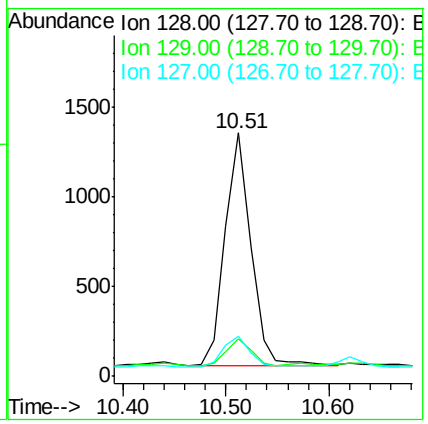




#3
Naphthalene
Concen: 0.44 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:128 Resp: 2276

Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.3	16.9
127	16.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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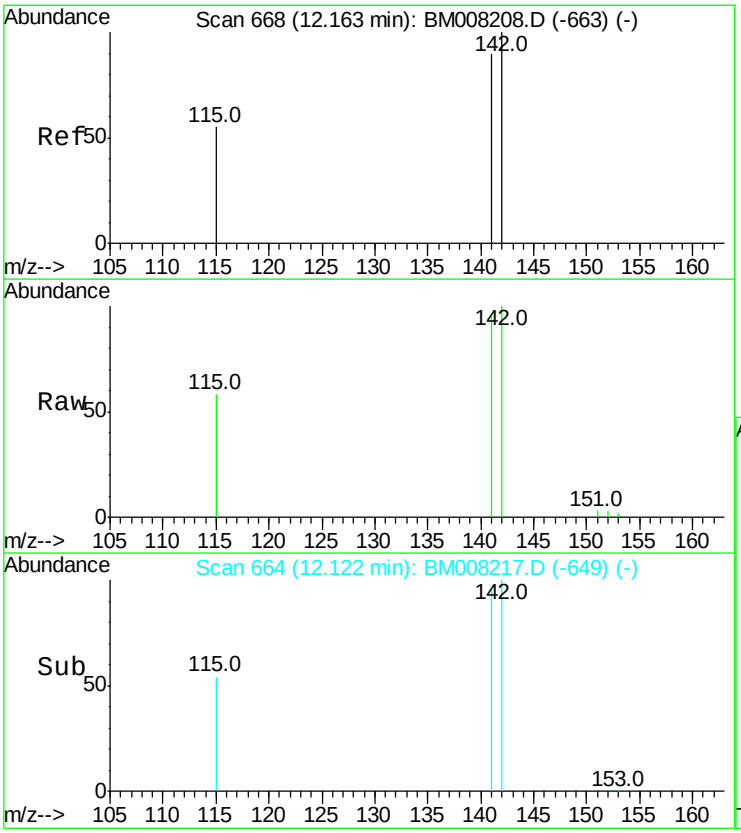
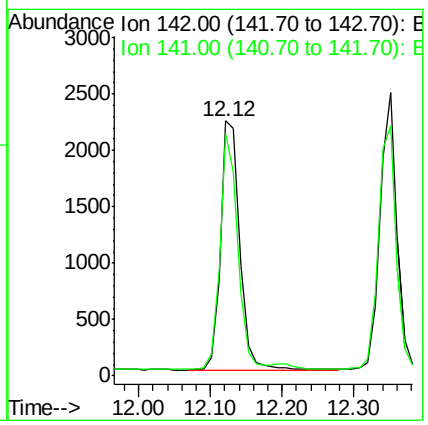
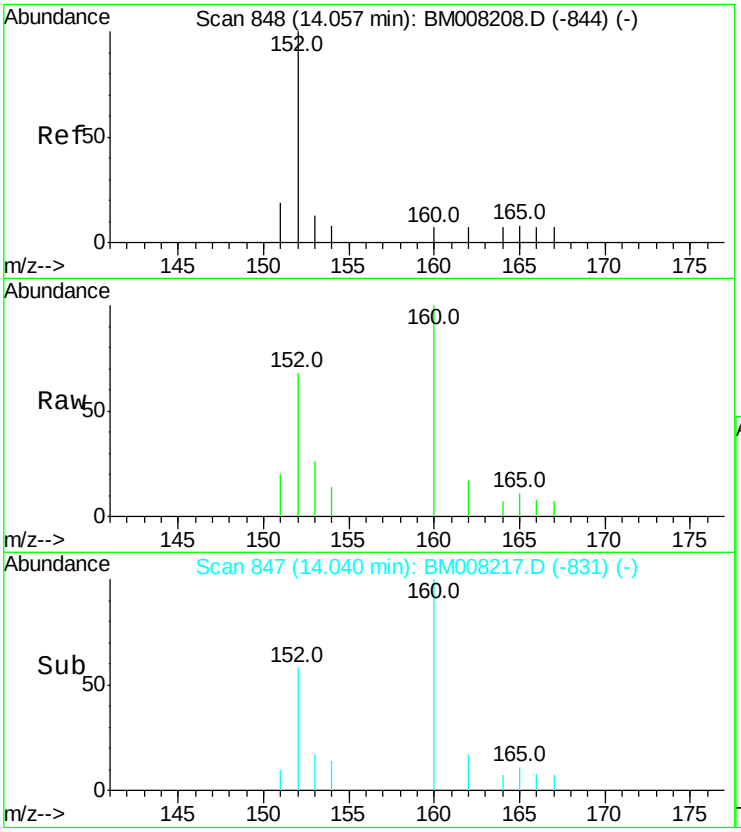


#5
2-Methylnaphthalene
Concen: 1.23 ng/ul
RT: 12.12 min Scan# 664
Delta R.T. -0.04 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:142 Resp: 4133

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8

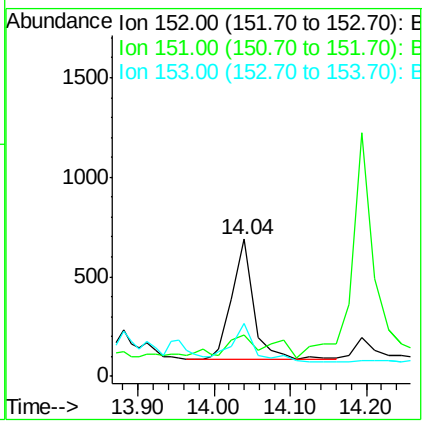




#7
Acenaphthylene
Concen: 0.21 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:152 Resp: 1079

Ion	Ratio	Lower	Upper
152	100		
151	29.8	17.1	25.7#
153	38.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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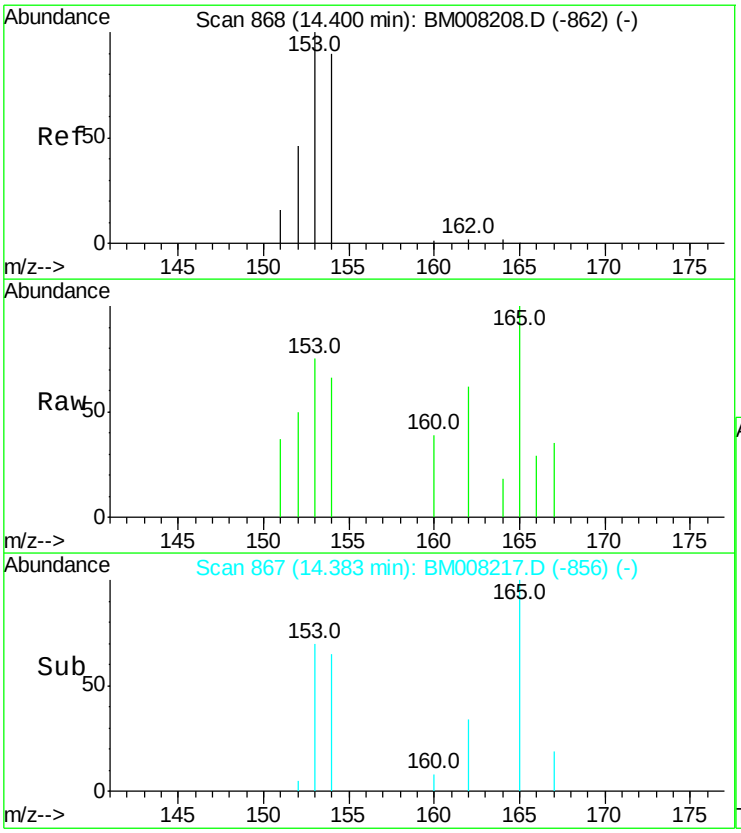
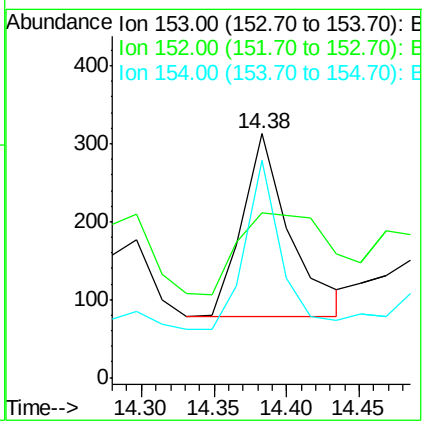
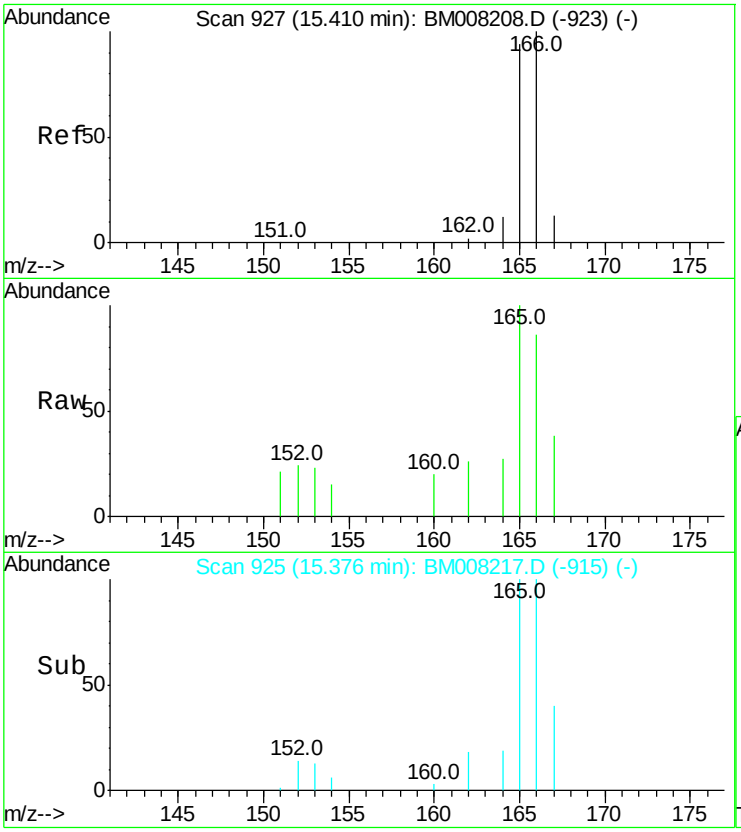


#8
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:153 Resp: 541

Ion	Ratio	Lower	Upper
153	100		
152	67.4	40.3	60.5#
154	89.1	71.4	107.2

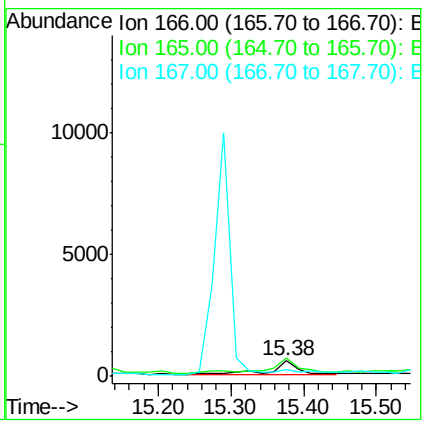




#9
Fluorene
Concen: 0.32 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:166 Resp: 1425

Ion	Ratio	Lower	Upper
166	100		
165	116.5	73.4	110.2#
167	44.4	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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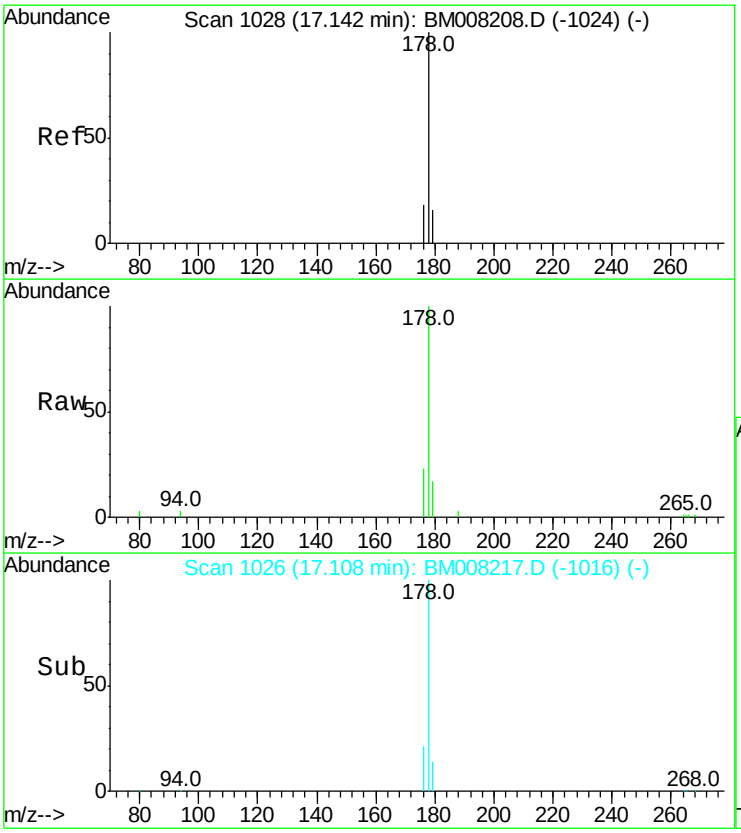
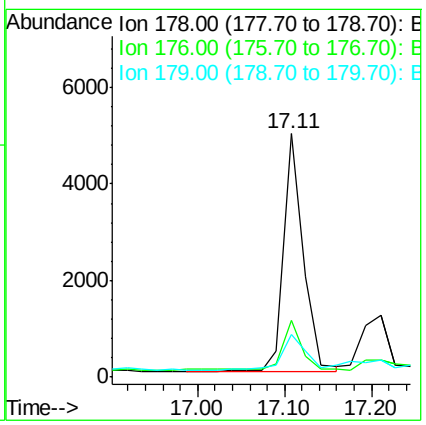
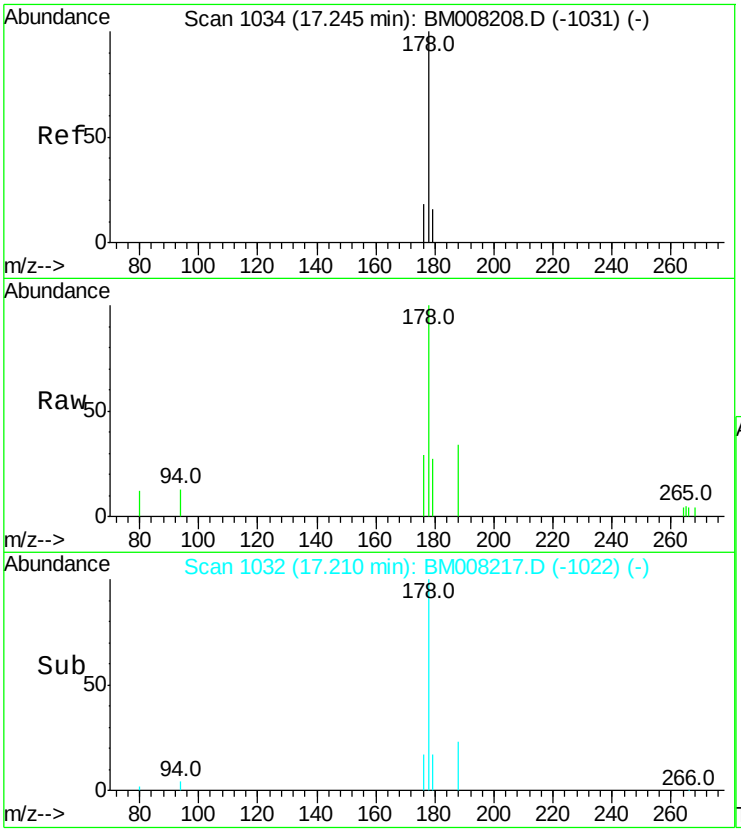


#12
Phenanthrene
Concen: 1.44 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:178 Resp: 7843

Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.4	27.6
179	17.3	13.6	20.4





#13
Anthracene
Concen: 0.45 ng/ul m
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:178 Resp: 2297

Ion	Ratio	Lower	Upper
178	100		
176	28.6	18.1	27.1#
179	27.4	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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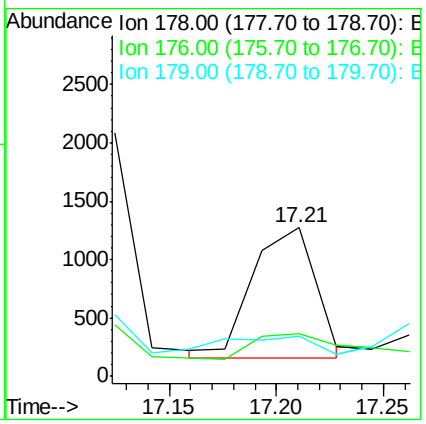
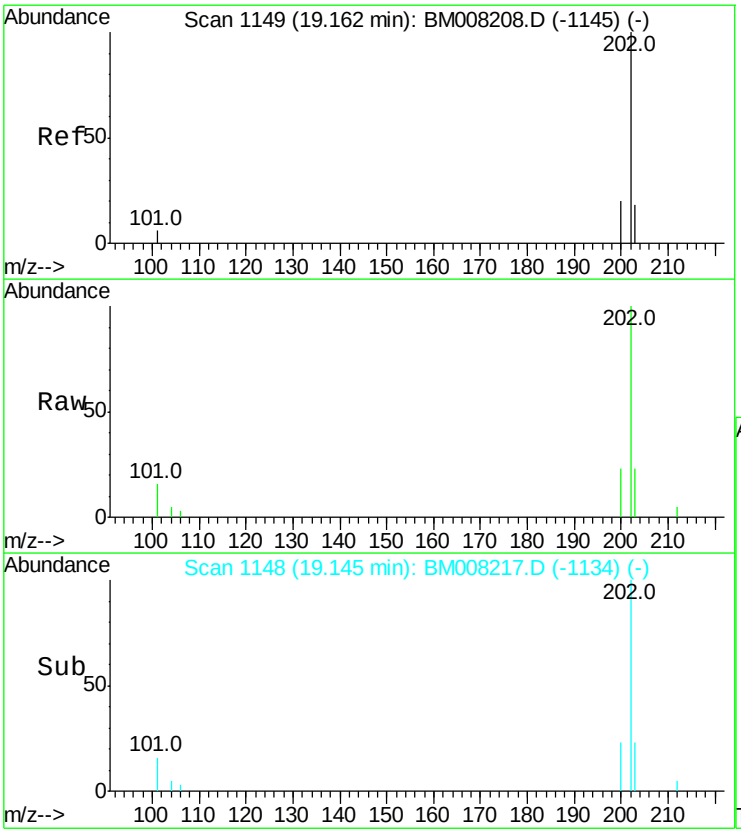
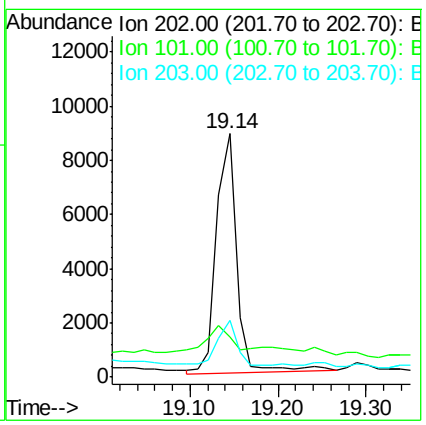


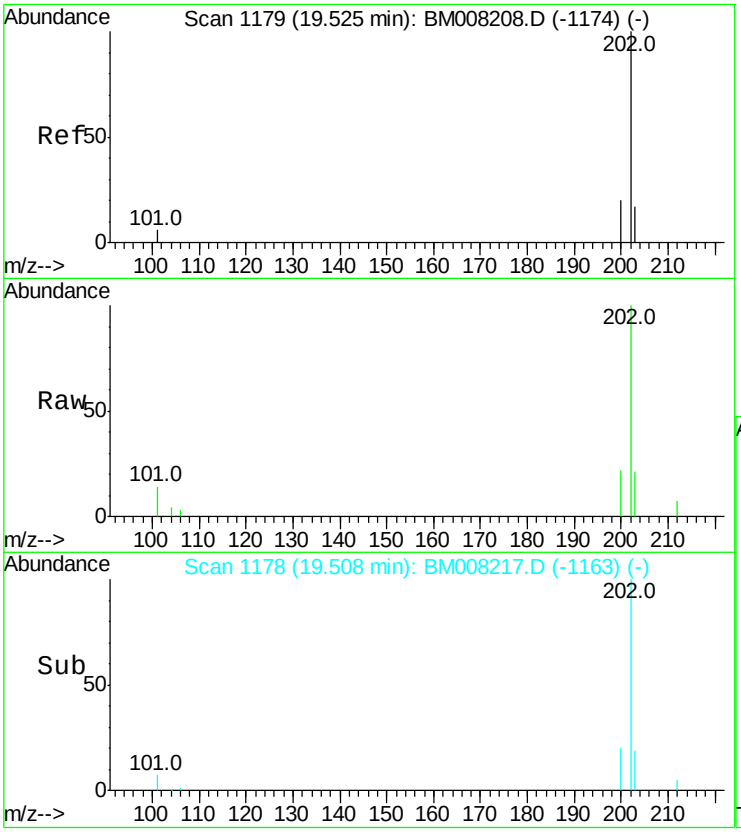


#15
Fluoranthene
Concen: 2.04 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:202 Resp: 14294

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	30.3
203	23.3	0.0	39.5

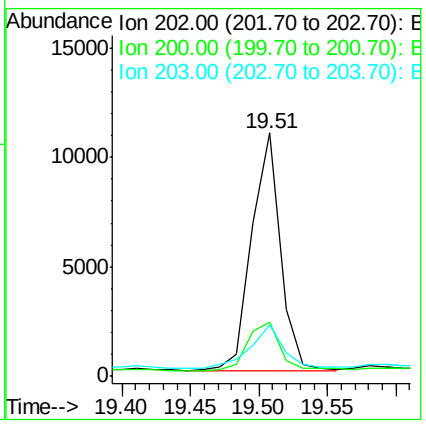




#17
Pyrene
Concen: 2.52 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:202 Resp: 15793

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	21.3	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA7Z7

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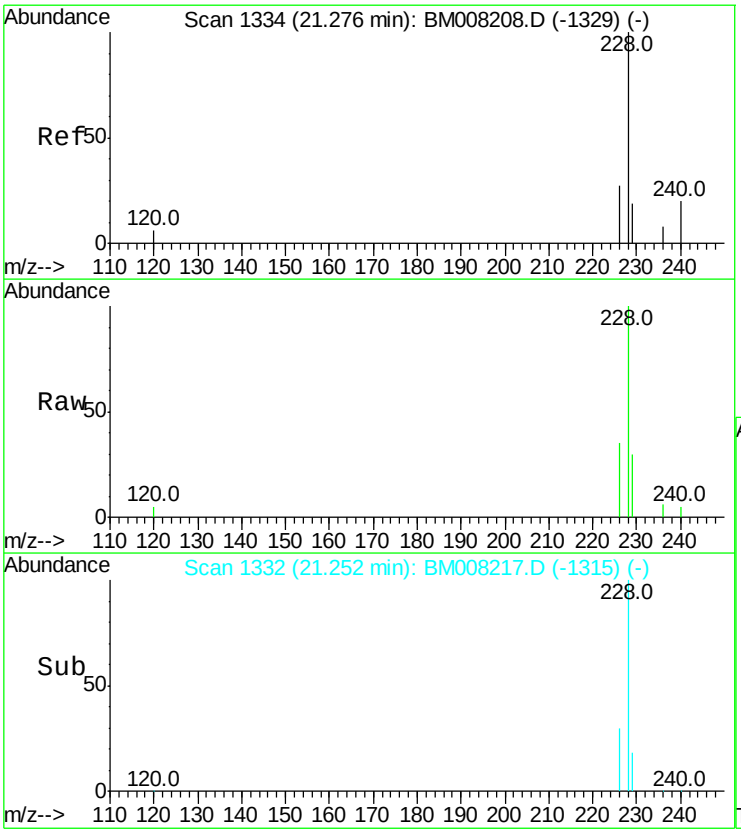
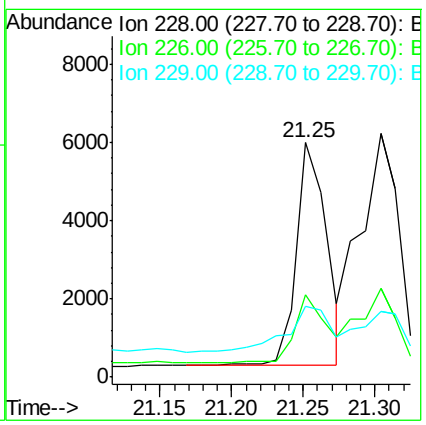
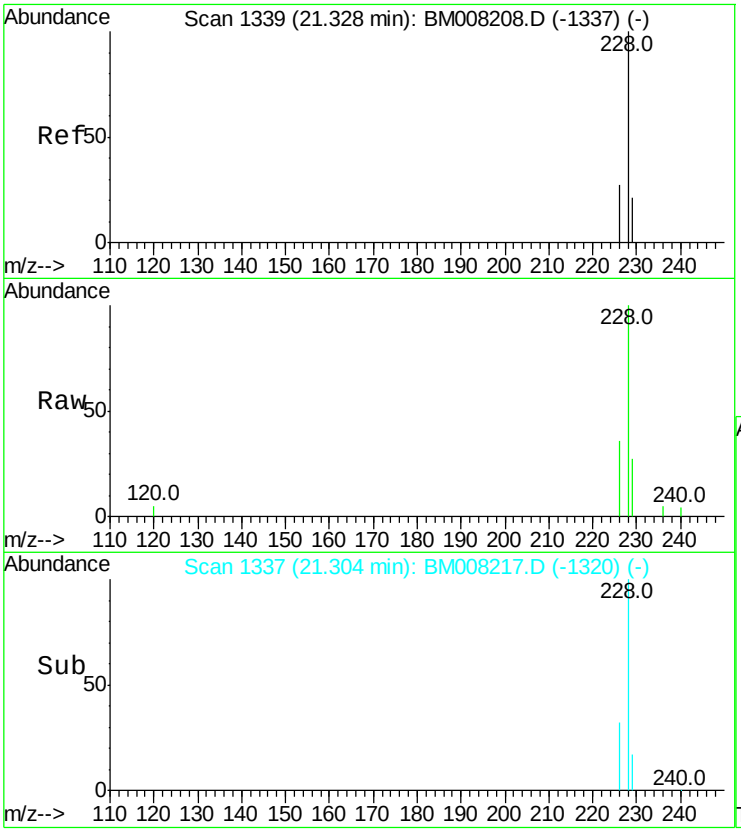


#18
Benzo(a)anthracene
Concen: 1.51 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:228 Resp: 8392

Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.8	34.2#
229	30.2	17.0	25.6#





#19
Chrysene
Concen: 1.63 ng/ul
RT: 21.30 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:228 Resp: 11213

Ion	Ratio	Lower	Upper
228	100		
226	36.2	23.4	35.0#
229	26.8	17.7	26.5#

Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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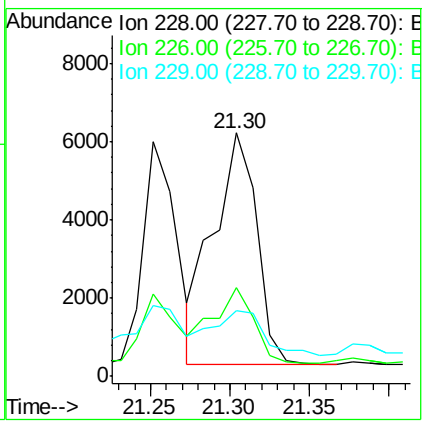
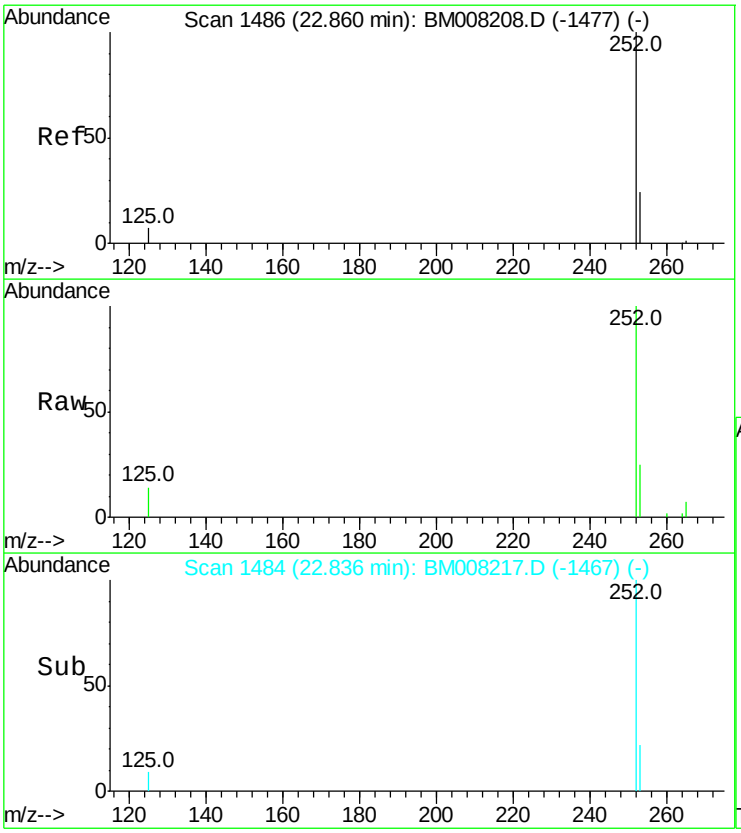
12/12/2016 6:49:30 PM

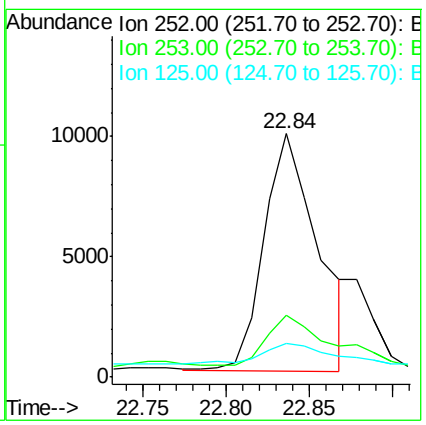


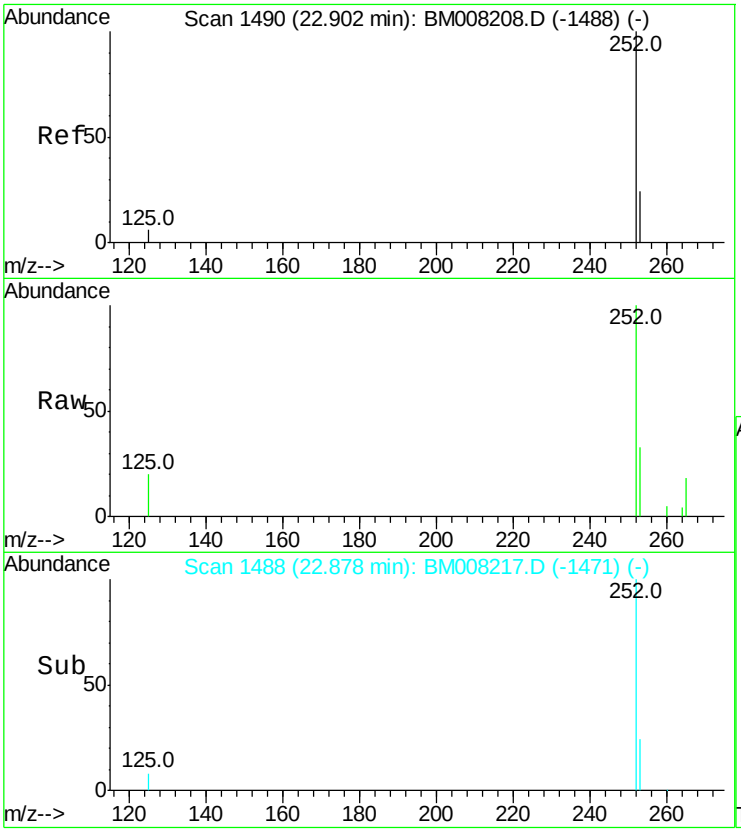


#21
Benzo(b)fluoranthene
Concen: 3.13 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:252 Resp: 22076

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	64.2
125	13.9	0.0	35.0

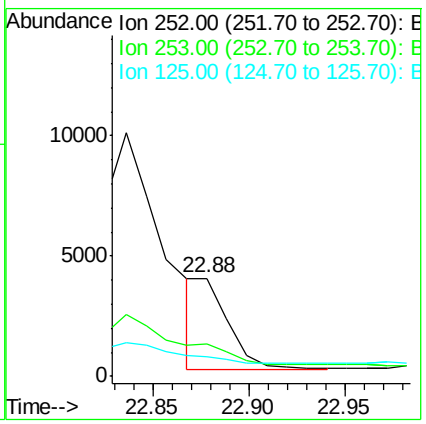




#22
Benzo(k)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:252 Resp: 4334

Ion	Ratio	Lower	Upper
252	100		
253	32.8	24.5	36.7
125	20.3	13.7	20.5



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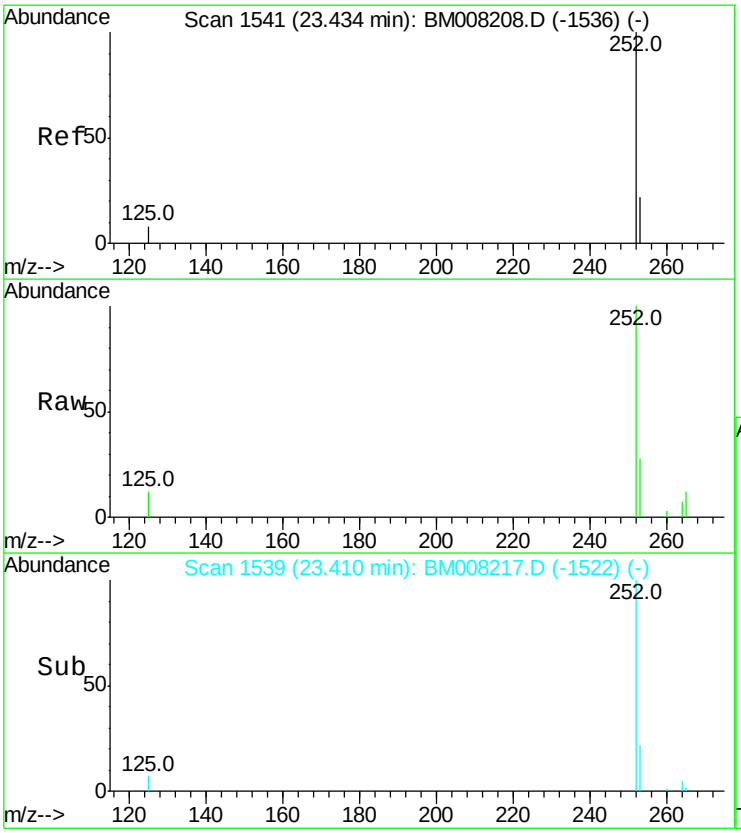
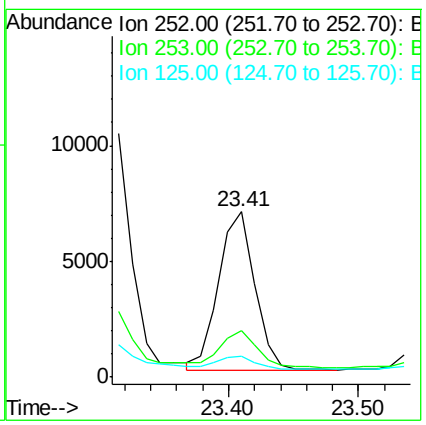
12/12/2016 6:49:30 PM

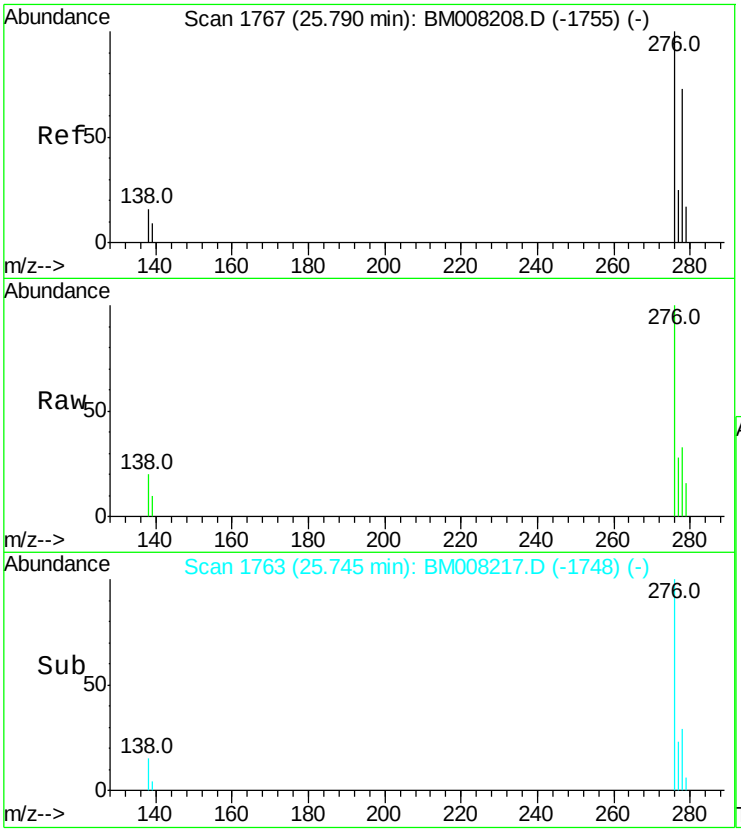


#23
Benzo(a)pyrene
Concen: 2.00 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:252 Resp: 13193

Ion	Ratio	Lower	Upper
252	100		
253	28.2	28.5	42.7#
125	12.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.16 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.05 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
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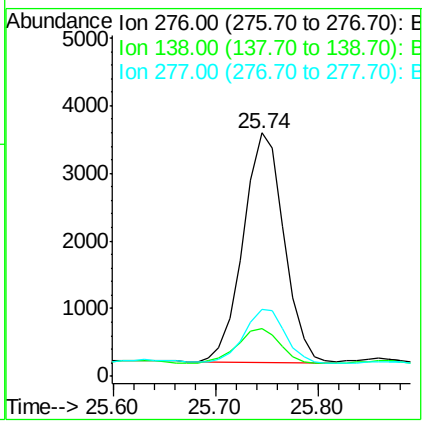
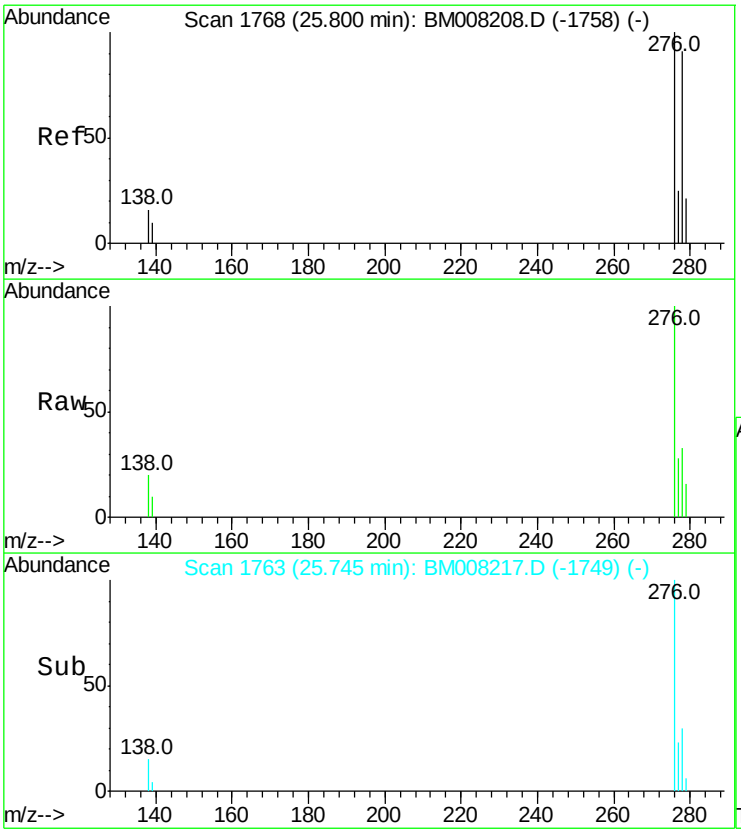
12/12/2016 6:49:30 PM

Tgt Ion:276 Resp: 9485

Ion	Ratio	Lower	Upper
276	100		
138	16.0	19.1	28.7#
277	24.2	19.6	29.4

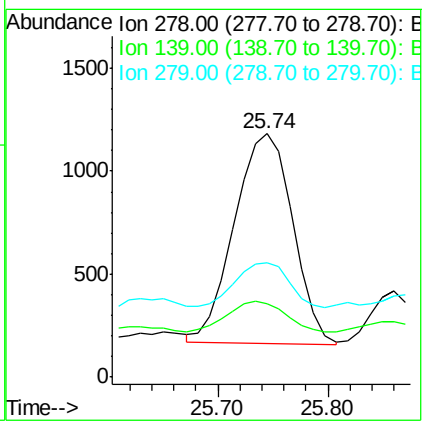


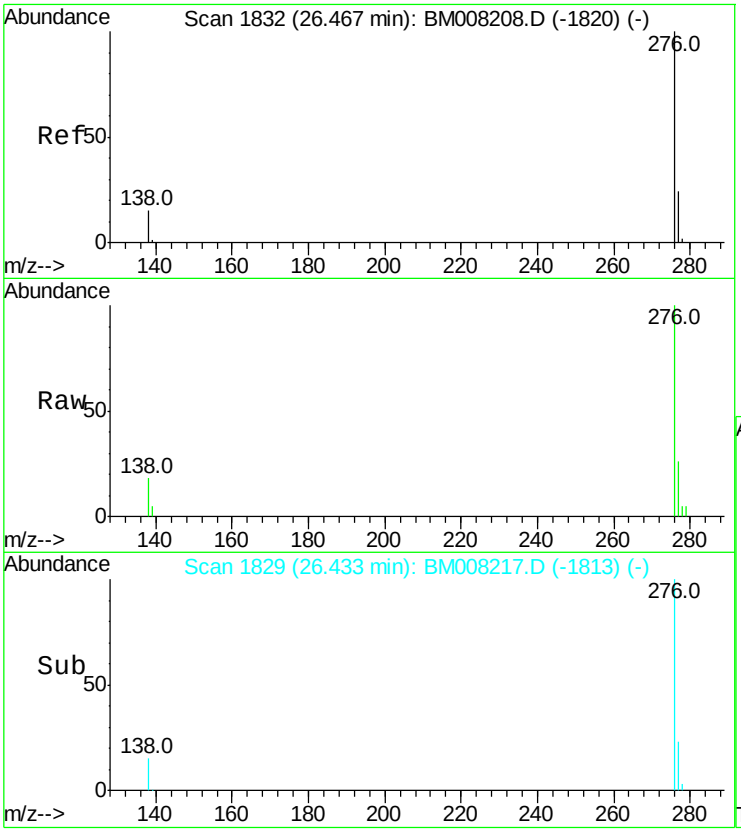


#25
Dibenzo(a,h)anthracene
Concen: 0.57 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.06 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:278 Resp: 3732

Ion	Ratio	Lower	Upper
278	100		
139	30.4	17.4	26.0#
279	47.2	25.9	38.9#

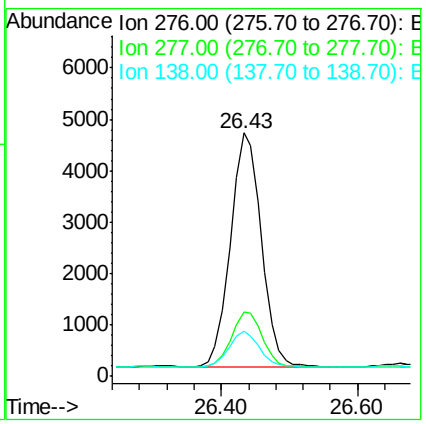




#26
Benzo(g,h,i)perylene
Concen: 1.99 ng/ul
RT: 26.43 min Scan# 1829
Delta R.T. -0.03 min
Lab File: BM008217.D
Acq: 09 Dec 2016 22:16

Tgt Ion:276 Resp: 14423

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.8	32.8
138	18.5	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA7Z7

Manual Integrations APPROVED
UMANGI
12/12/2016 6:49:30 PM