Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008648.D
Acq On : 25 Dec 2016 00:44
Operator : UM/SJ
Sample : H6069-09DL 2X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X9DL

Manual Integrations APPROVED
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Quant Time: Dec 26 02:19:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	430	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.44	136	1302	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.30	164	792	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1370	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1470	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1581m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	207	0.10	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	613m	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.49	128	2397	0.65	ng/ul	96
5) 2-Methylnaphthalene	12.13	142	748	0.30	ng/ul	99
7) Acenaphthylene	14.01	152	287	0.08	ng/ul#	60
8) Acenaphthene	14.35	153	96	0.04	ng/ul#	83
9) Fluorene	15.36	166	82	0.03	ng/ul#	79
12) Phenanthrene	17.09	178	1435	0.34	ng/ul#	95
13) Anthracene	17.19	178	501m	0.12	ng/ul	
15) Fluoranthene	19.12	202	2699	0.53	ng/ul	97
17) Pyrene	19.48	202	2604	0.46	ng/ul	95
18) Benzo(a)anthracene	21.24	228	1975	0.41	ng/ul#	89
19) Chrysene	21.29	228	1968	0.37	ng/ul#	90
21) Benzo(b)fluoranthene	22.82	252	3992m	0.64	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	1440m	0.24	ng/ul	
23) Benzo(a)pyrene	23.39	252	2623	0.45	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.74	276	2513	0.37	ng/ul#	91
26) Benzo(g,h,i)perylene	26.43	276	2351	0.40	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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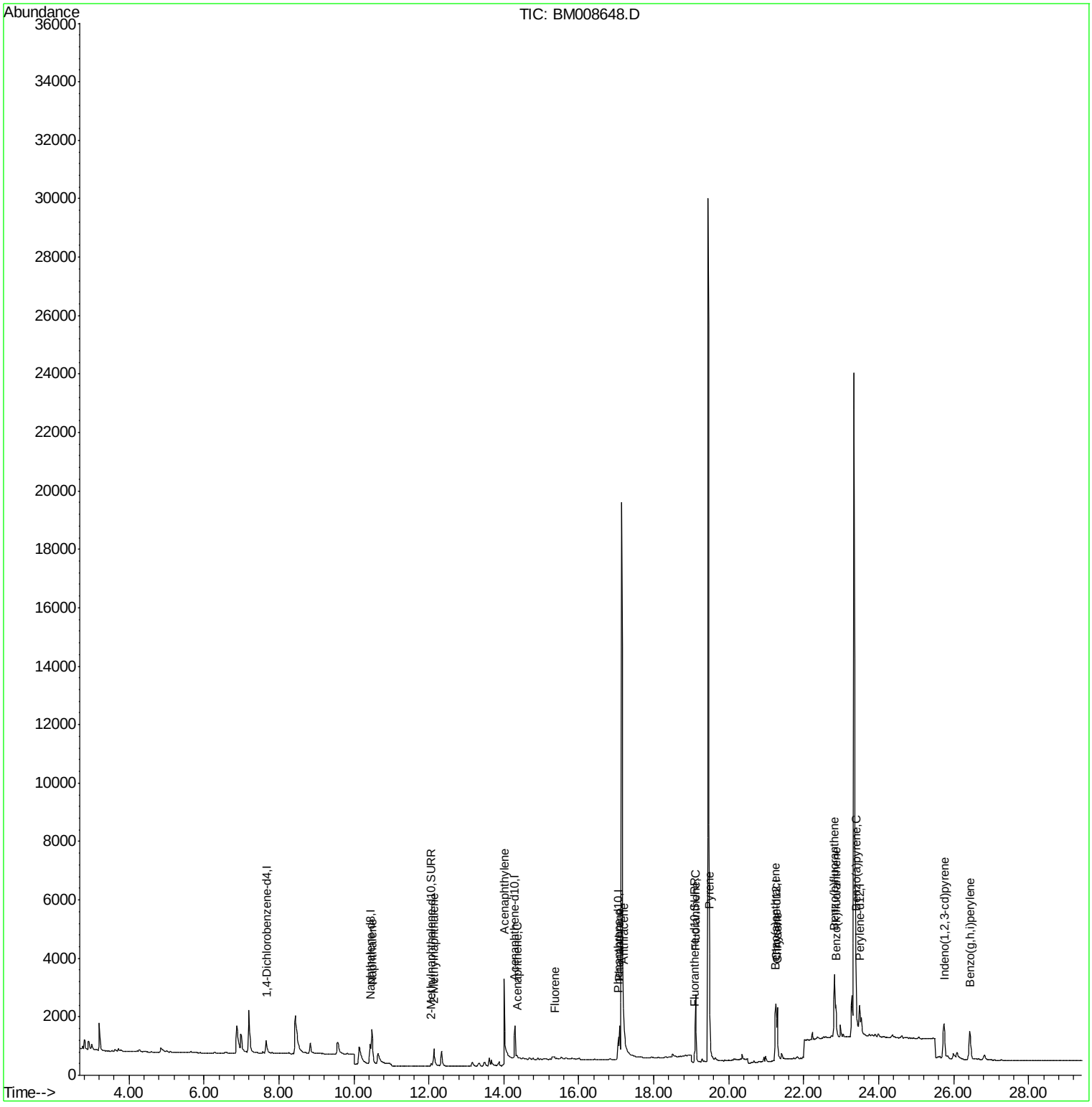
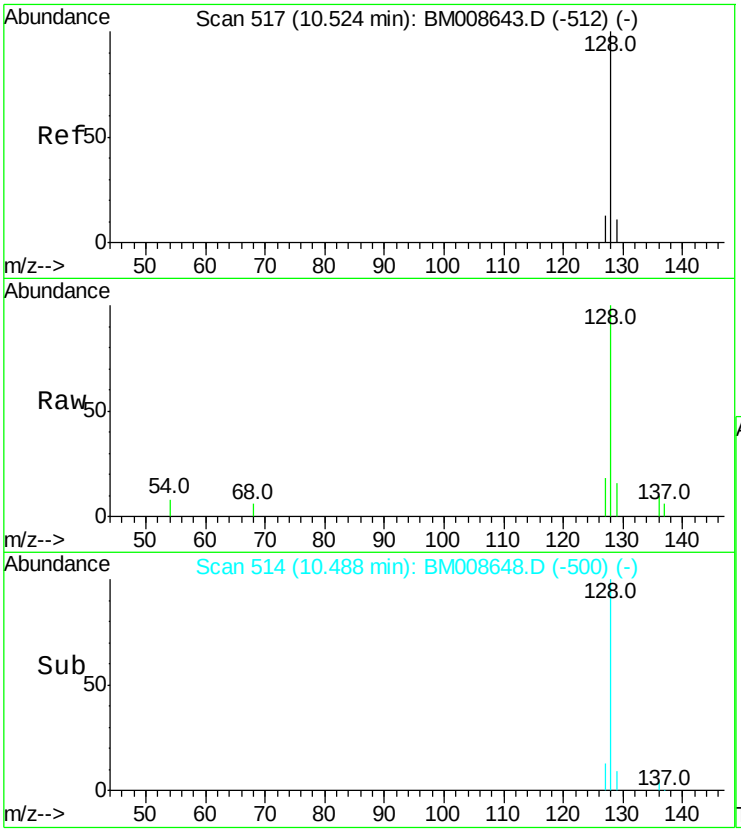
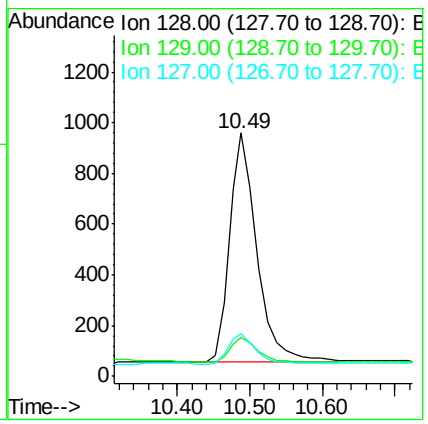




#3
Naphthalene
Concen: 0.65 ng/ul
RT: 10.49 min Scan# 514
Delta R.T. -0.04 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:128 Resp: 2397

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	17.6	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
DA8X9DL

Manual Integrations APPROVED
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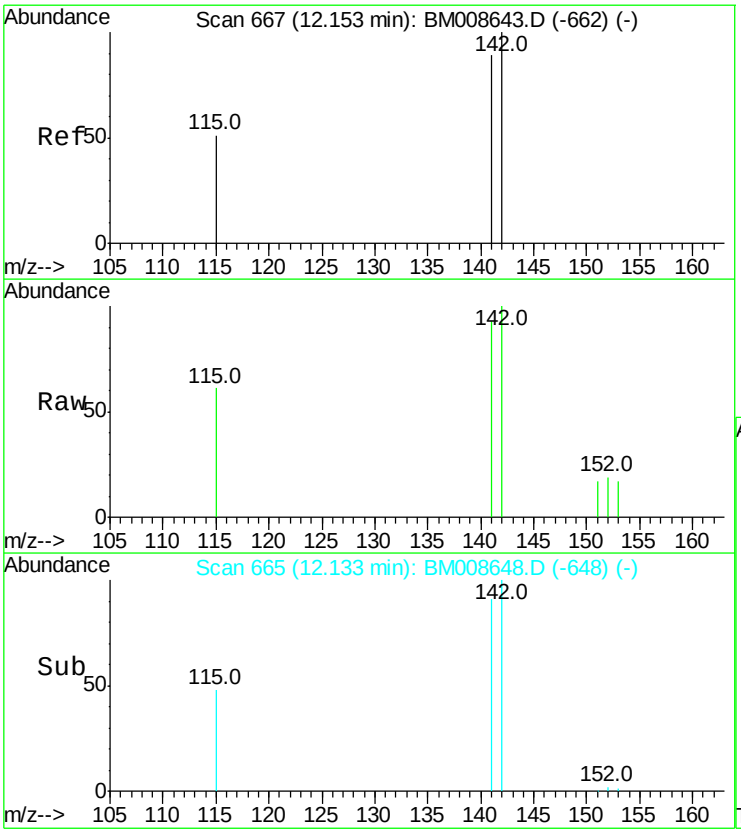
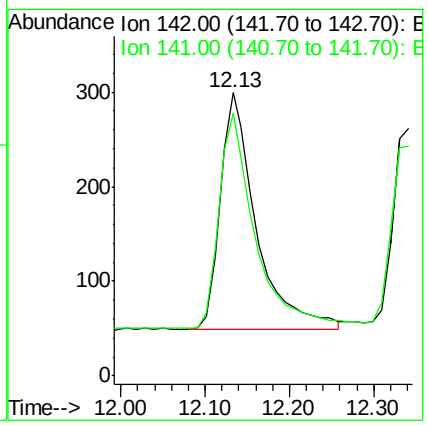
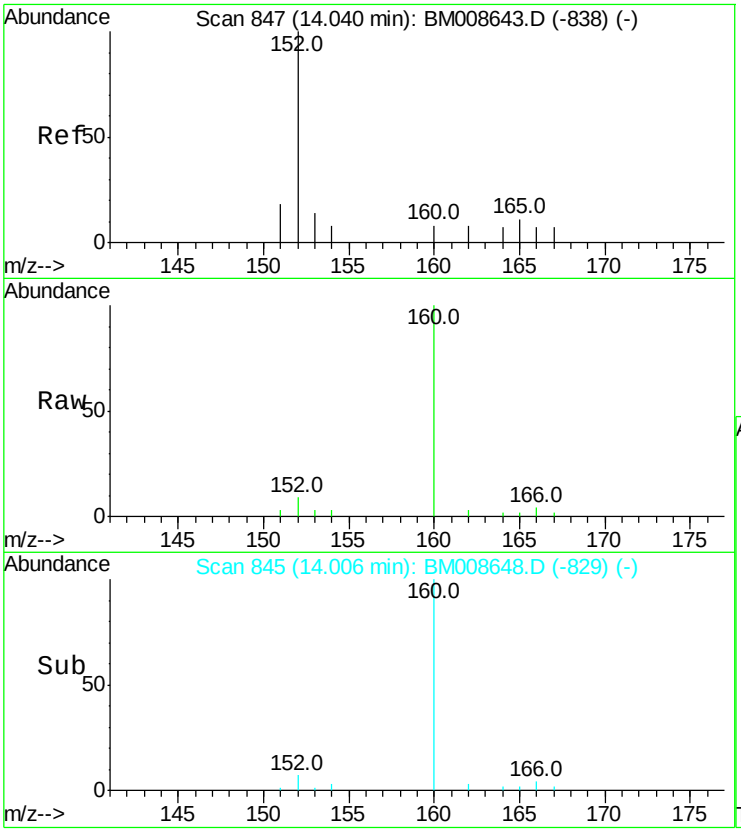


#5
2-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.02 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:142 Resp: 748

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8

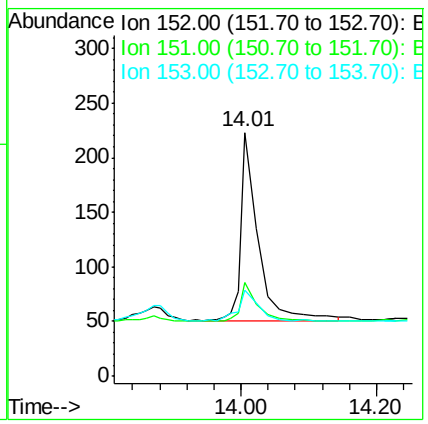




#7
Acenaphthylene
Concen: 0.08 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:152 Resp: 287

Ion	Ratio	Lower	Upper
152	100		
151	38.6	17.1	25.7#
153	35.4	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8X9DL

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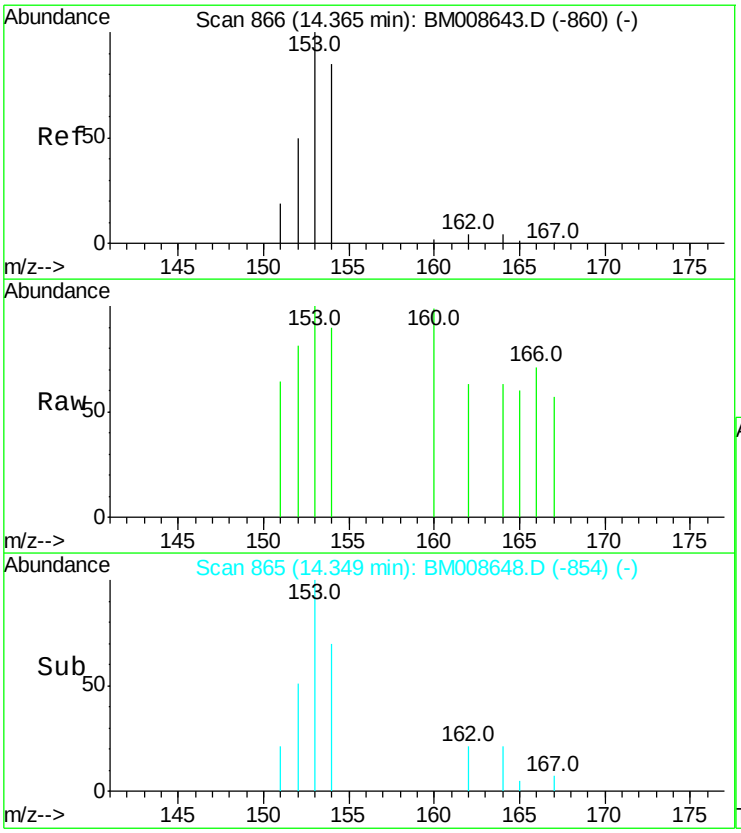
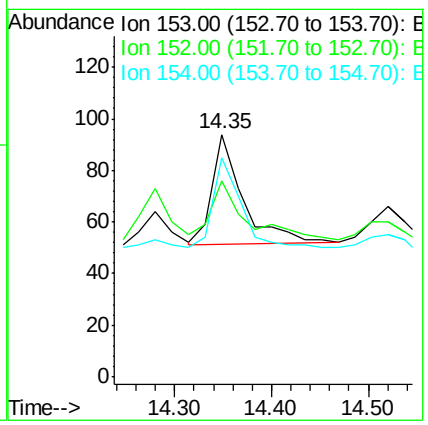
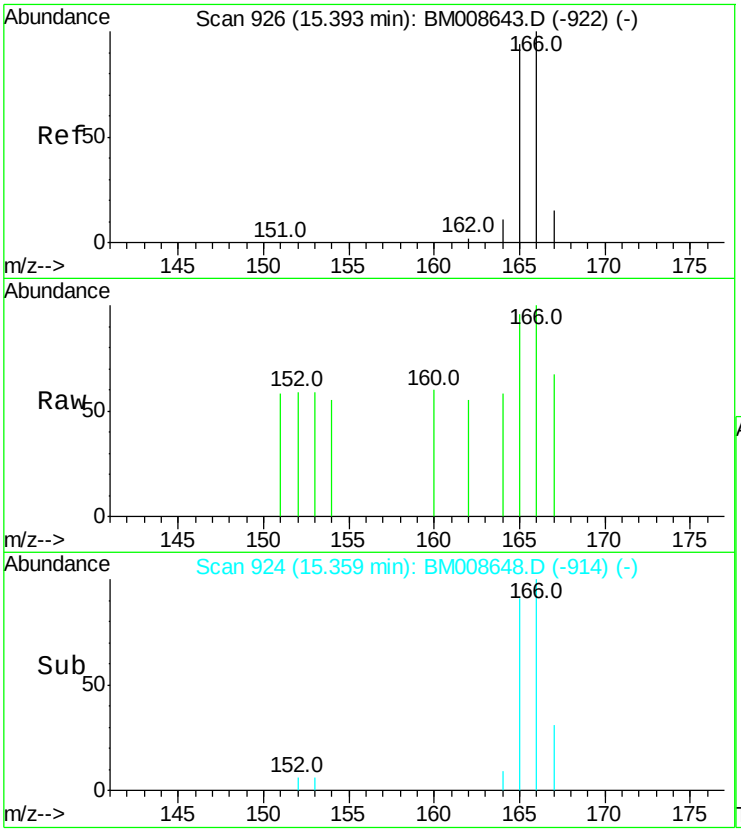


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:153 Resp: 96

Ion	Ratio	Lower	Upper
153	100		
152	80.9	40.3	60.5#
154	90.4	71.4	107.2

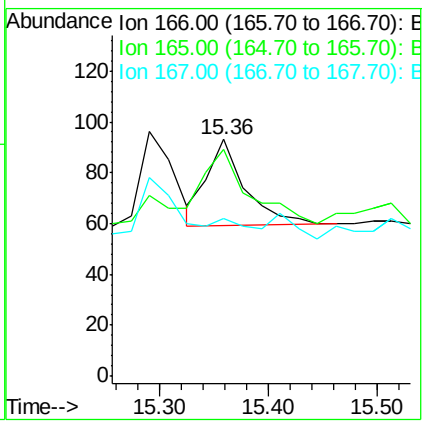




#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.36 min Scan# 924
Delta R.T. -0.03 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:166 Resp: 82

Ion	Ratio	Lower	Upper
166	100		
165	95.7	73.4	110.2
167	66.7	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA8X9DL

Manual Integrations APPROVED
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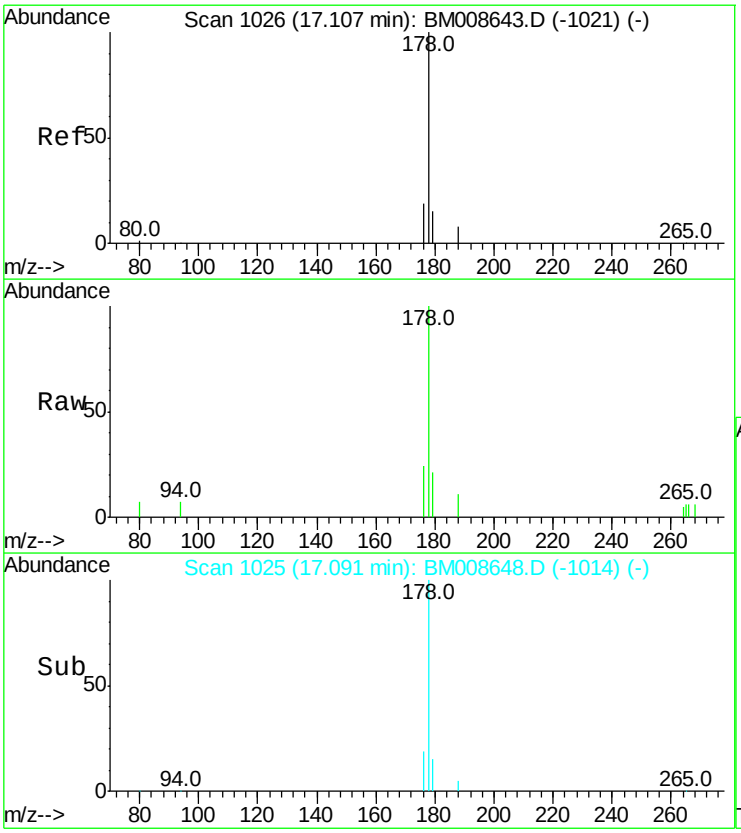
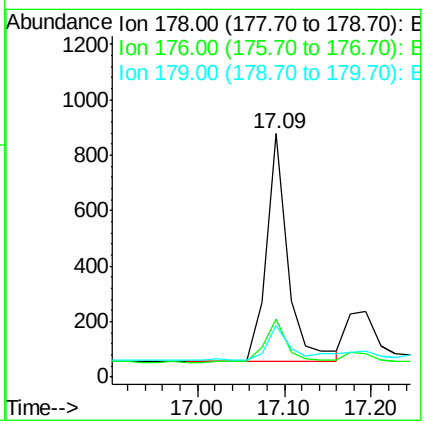
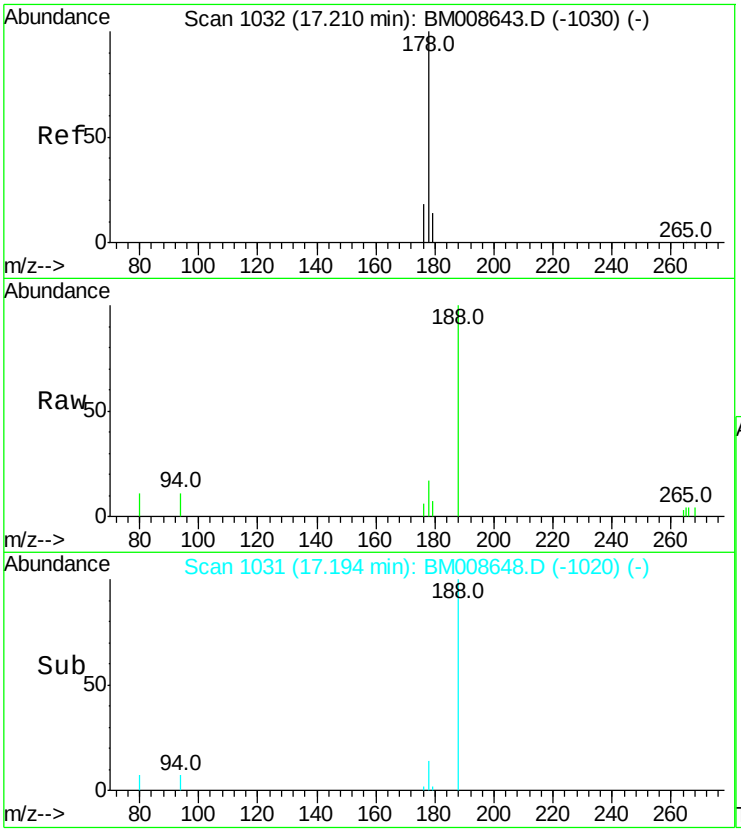


#12
Phenanthrene
Concen: 0.34 ng/ul
RT: 17.09 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:178 Resp: 1435

Ion	Ratio	Lower	Upper
178	100		
176	23.8	18.4	27.6
179	21.1	13.6	20.4#





#13
Anthracene
Concen: 0.12 ng/ul m
RT: 17.19 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:178 Resp: 501

Ion	Ratio	Lower	Upper
178	100		
176	36.4	18.1	27.1#
179	39.0	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
DA8X9DL

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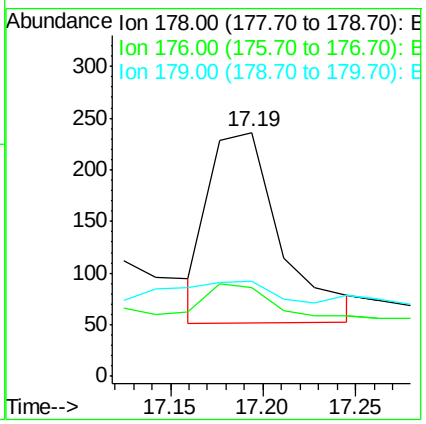
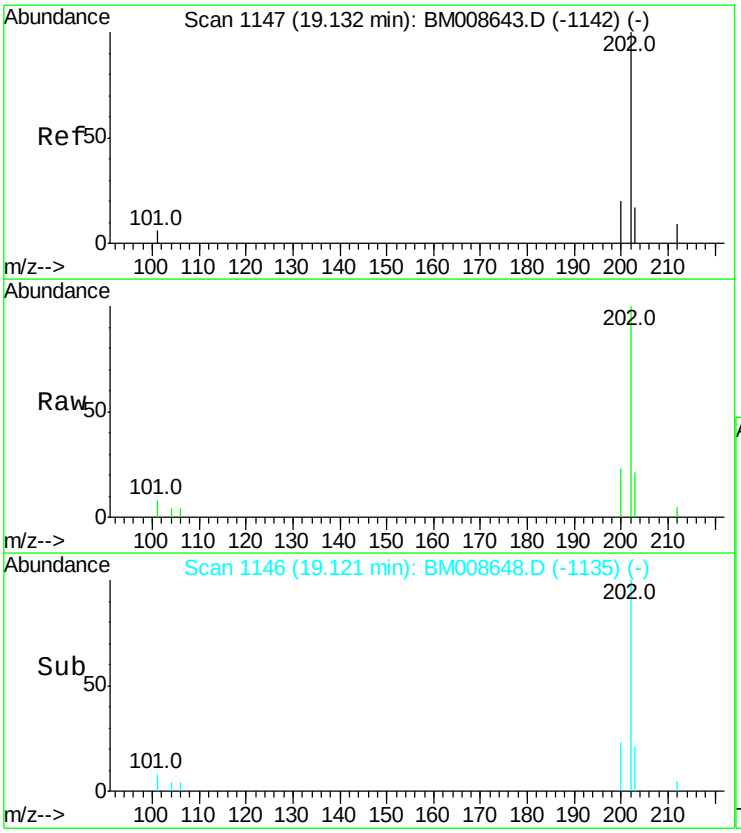
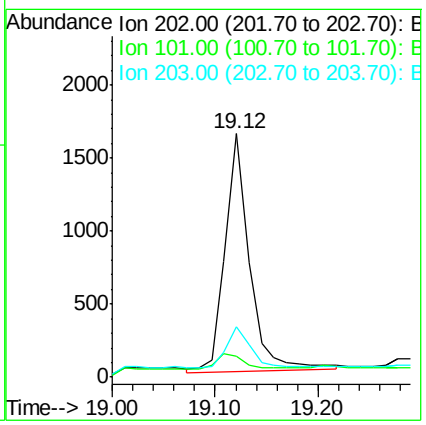


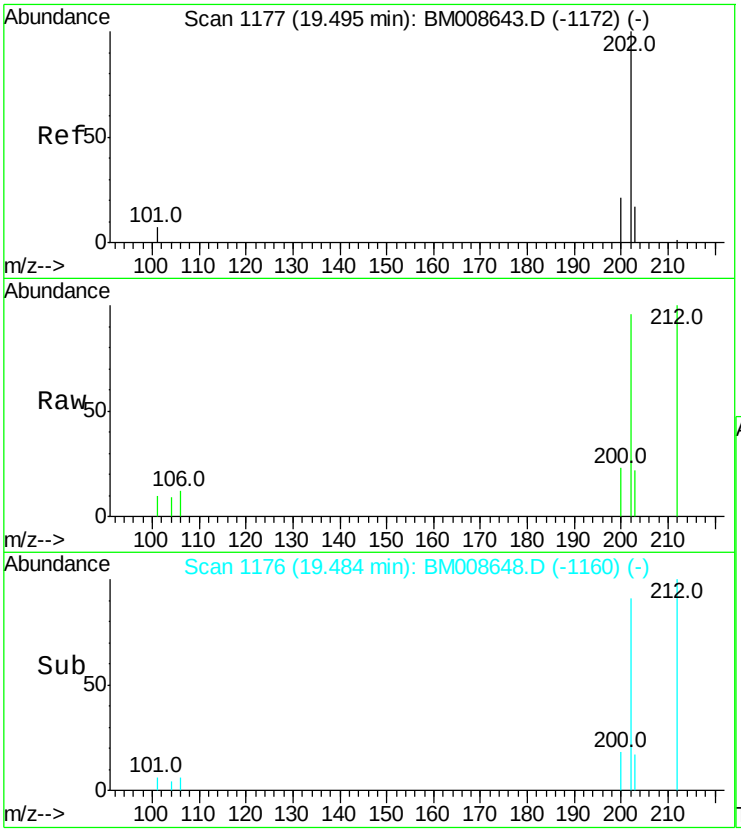


#15
Fluoranthene
Concen: 0.53 ng/ul
RT: 19.12 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:202 Resp: 2699

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.3
203	20.6	0.0	39.5





#17
Pyrene
Concen: 0.46 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:202 Resp: 2604

Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.4
203	23.1	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
DA8X9DL

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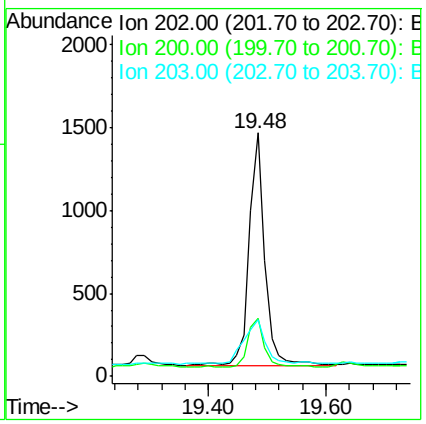
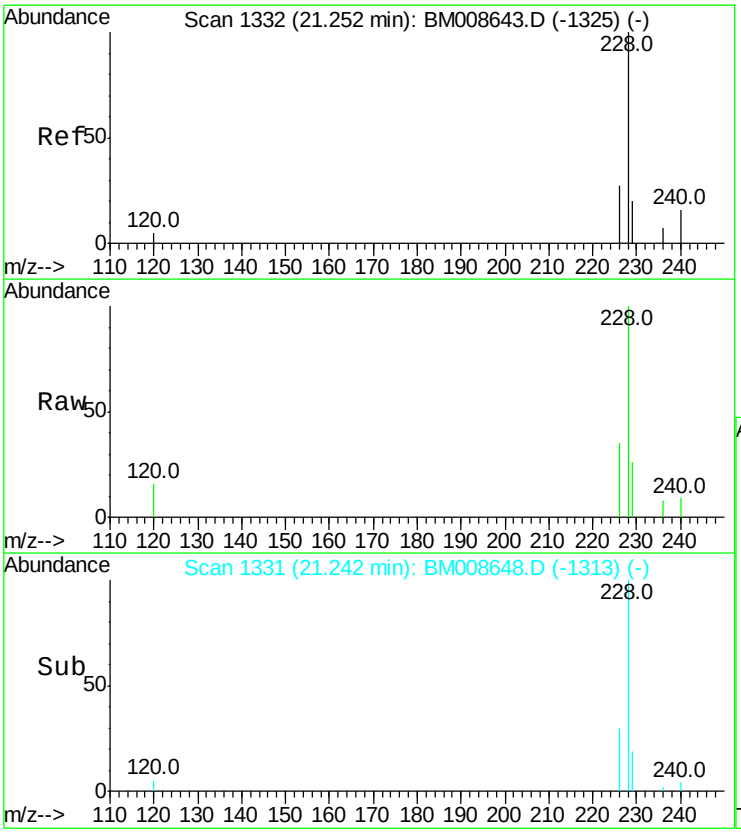
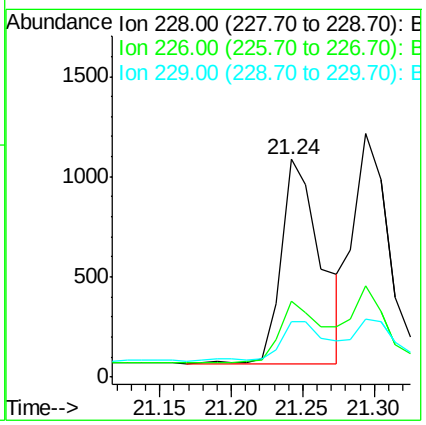


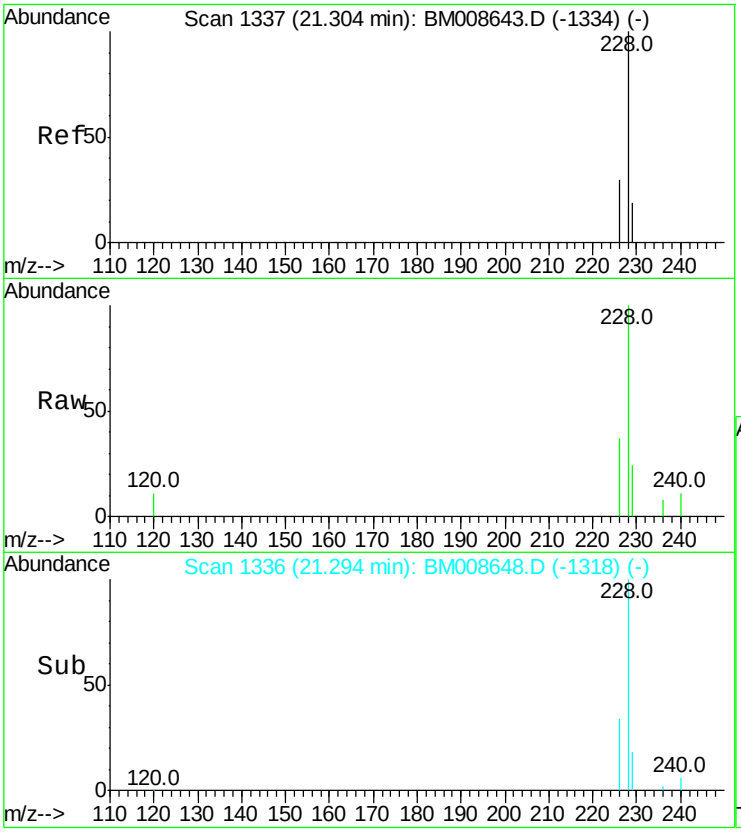


#18
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:228 Resp: 1975

Ion	Ratio	Lower	Upper
228	100		
226	35.1	22.8	34.2#
229	25.5	17.0	25.6

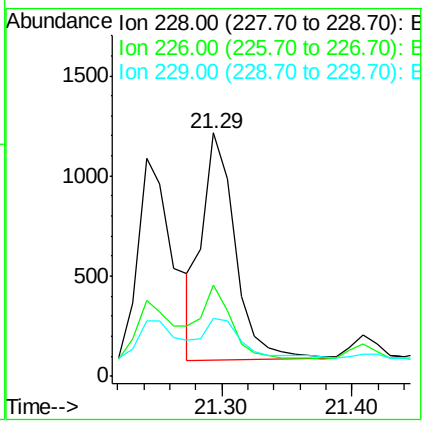




#19
Chrysene
Concen: 0.37 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:228 Resp: 1968

Ion	Ratio	Lower	Upper
228	100		
226	37.4	23.4	35.0#
229	23.9	17.7	26.5



Instrument :
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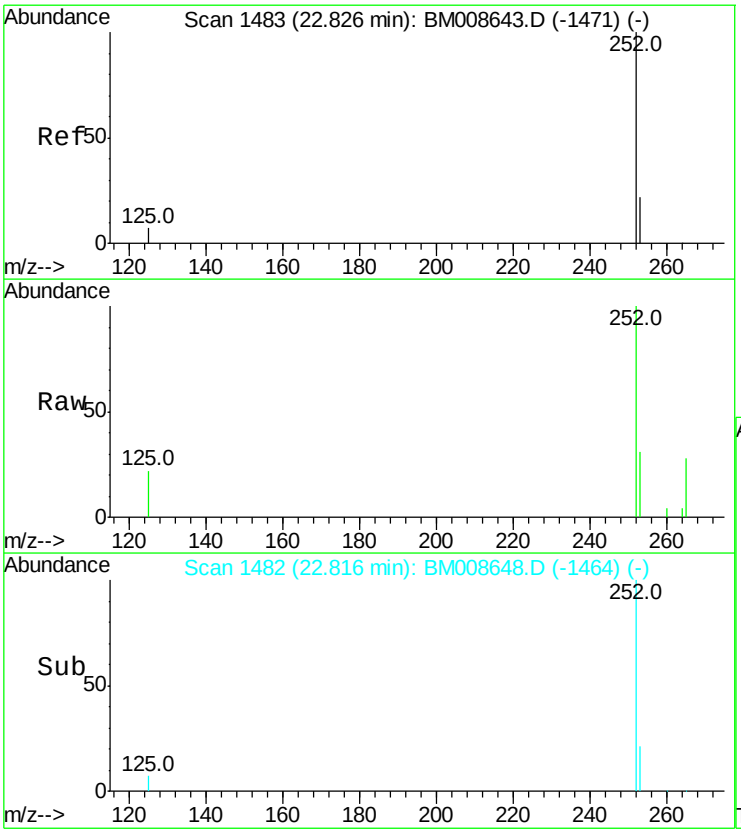
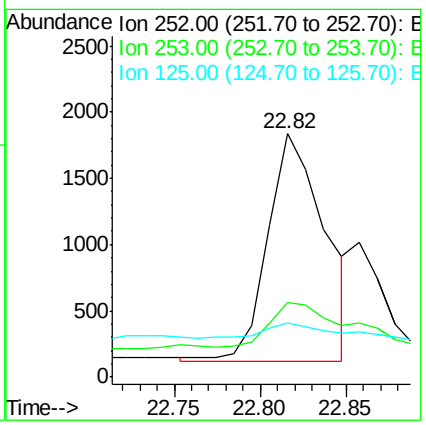
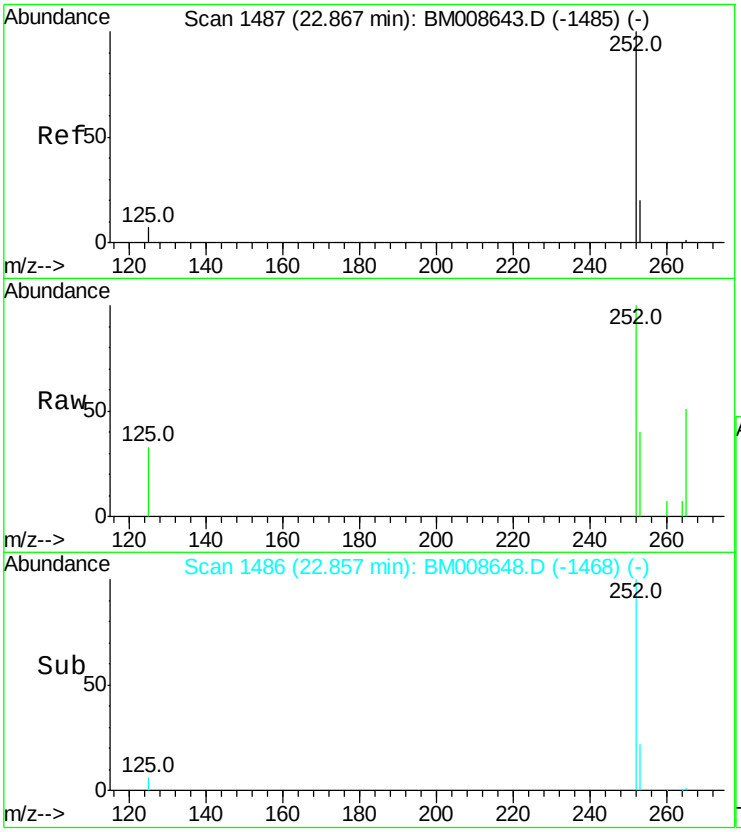


#21
Benzo(b)fluoranthene
Concen: 0.64 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:252 Resp: 3992

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	64.2
125	22.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:252 Resp: 1440

Ion	Ratio	Lower	Upper
252	100		
253	40.4	24.5	36.7#
125	33.3	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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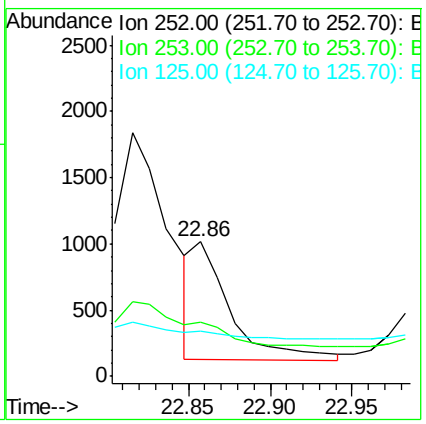
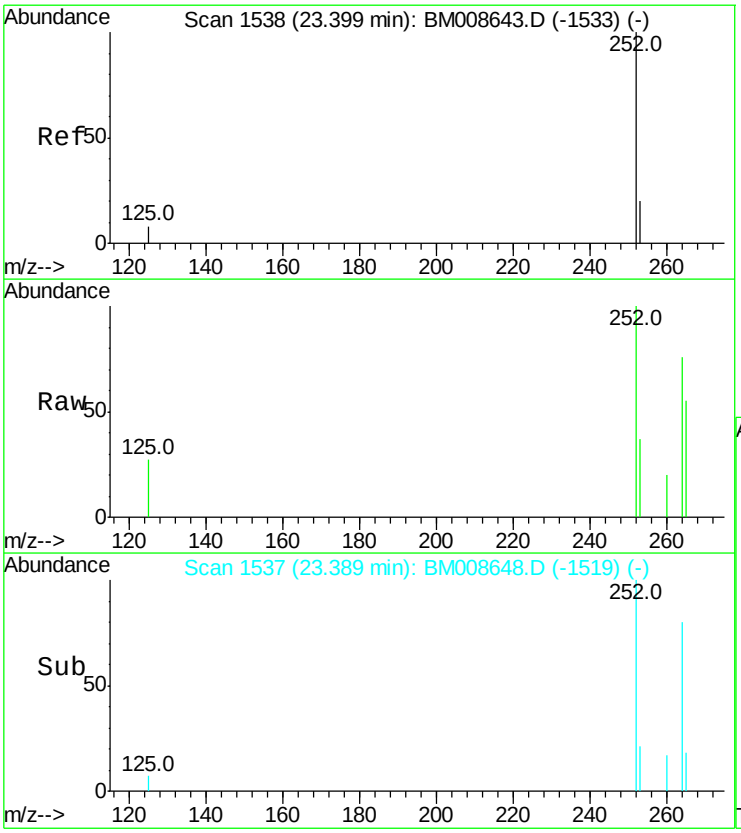
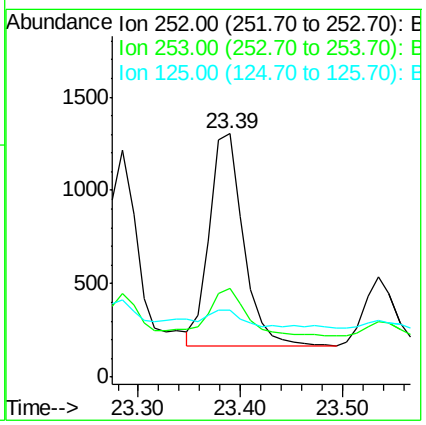


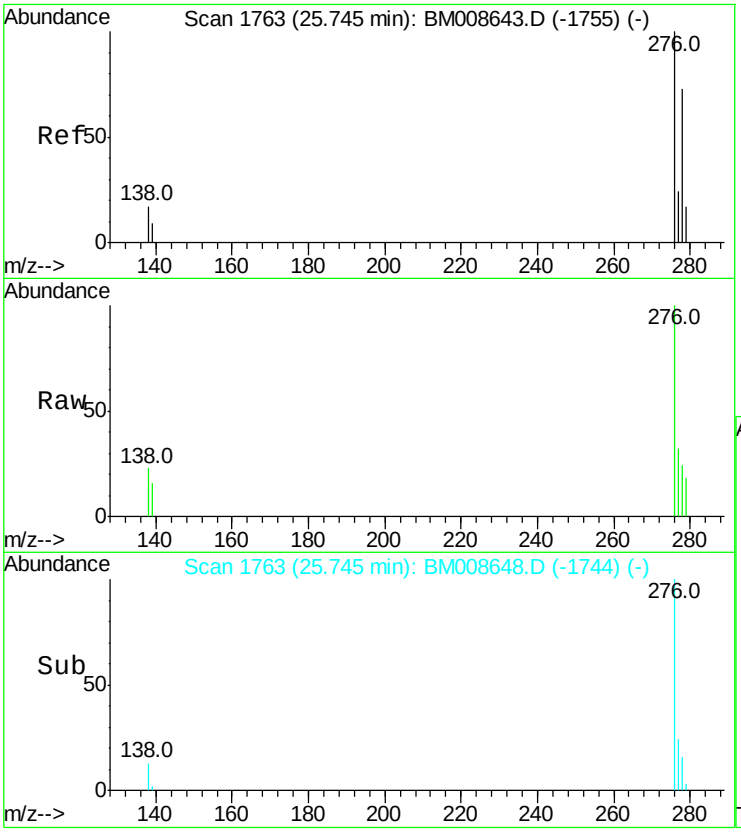


#23
Benzo(a)pyrene
Concen: 0.45 ng/ul
RT: 23.39 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:252 Resp: 2623

Ion	Ratio	Lower	Upper
252	100		
253	36.7	28.5	42.7
125	27.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:276 Resp: 2513

Ion	Ratio	Lower	Upper
276	100		
138	14.9	19.1	28.7#
277	24.3	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA8X9DL

Manual Integrations APPROVED
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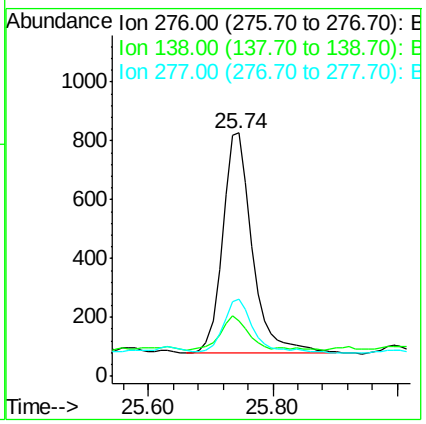

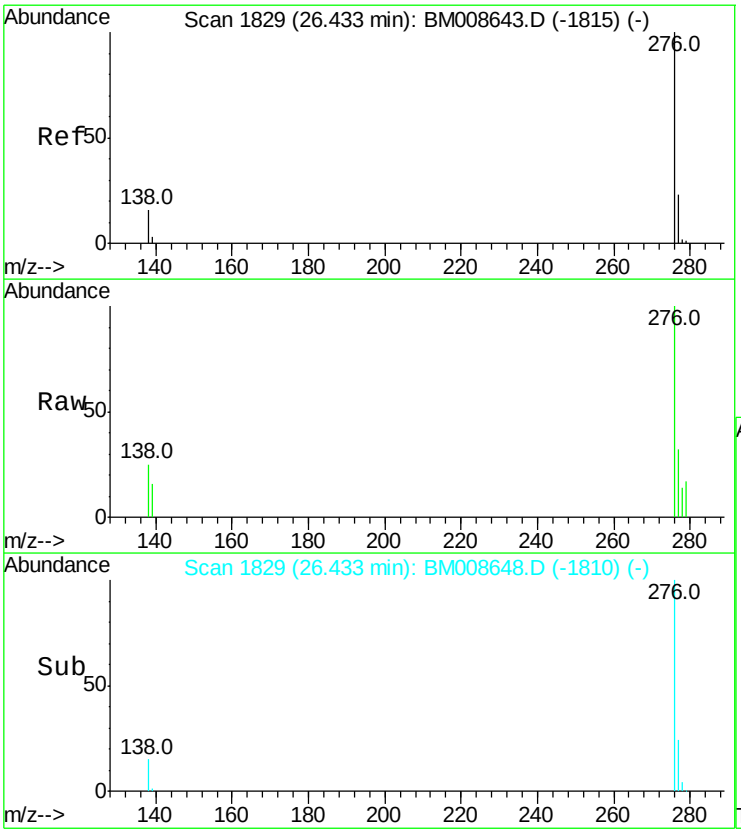

#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 26.43 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM008648.D
Acq: 25 Dec 2016 00:44

Tgt Ion:276 Resp: 2351

Ion	Ratio	Lower	Upper
276	100		
277	32.5	21.8	32.8
138	24.9	20.5	30.7