Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
Data File : BM008092.D
Acq On : 28 Nov 2016 18:32
Operator : UM/SJ
Sample : H5694-19DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSS6DL

Manual Integrations APPROVED
UMANGI
11/29/2016 2:22:43 PM

Quant Time: Nov 29 09:48:03 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 Nov 29 00:11:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	661	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2246	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1322	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2425	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2499	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2377	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	272	0.09	ng/ul	0.01
14) Fluoranthene-d10	19.13	212	640	0.09	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.54	128	420	0.07	ng/ul#	66
5) 2-Methylnaphthalene	12.16	142	223	0.06	ng/ul	98
7) Acenaphthylene	14.06	152	379	0.06	ng/ul#	69
8) Acenaphthene	14.40	153	149	0.03	ng/ul#	88
9) Fluorene	15.41	166	158	0.03	ng/ul#	82
12) Phenanthrene	17.14	178	3899	0.52	ng/ul	92
13) Anthracene	17.23	178	852m	0.12	ng/ul	
15) Fluoranthene	19.16	202	6967	0.71	ng/ul	98
17) Pyrene	19.52	202	6793	0.78	ng/ul	98
18) Benzo(a)anthracene	21.27	228	3147	0.41	ng/ul#	79
19) Chrysene	21.32	228	3108	0.33	ng/ul#	78
21) Benzo(b)fluoranthene	22.86	252	3990m	0.42	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	1436m	0.15	ng/ul	
23) Benzo(a)pyrene	23.43	252	2995	0.34	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.79	276	2206	0.20	ng/ul#	90
26) Benzo(g,h,i)perylene	26.48	276	2194	0.23	ng/ul#	72

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
Data File : BM008092.D
Acq On : 28 Nov 2016 18:32
Operator : UM/SJ
Sample : H5694-19DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 29 09:48:03 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 Nov 29 00:11:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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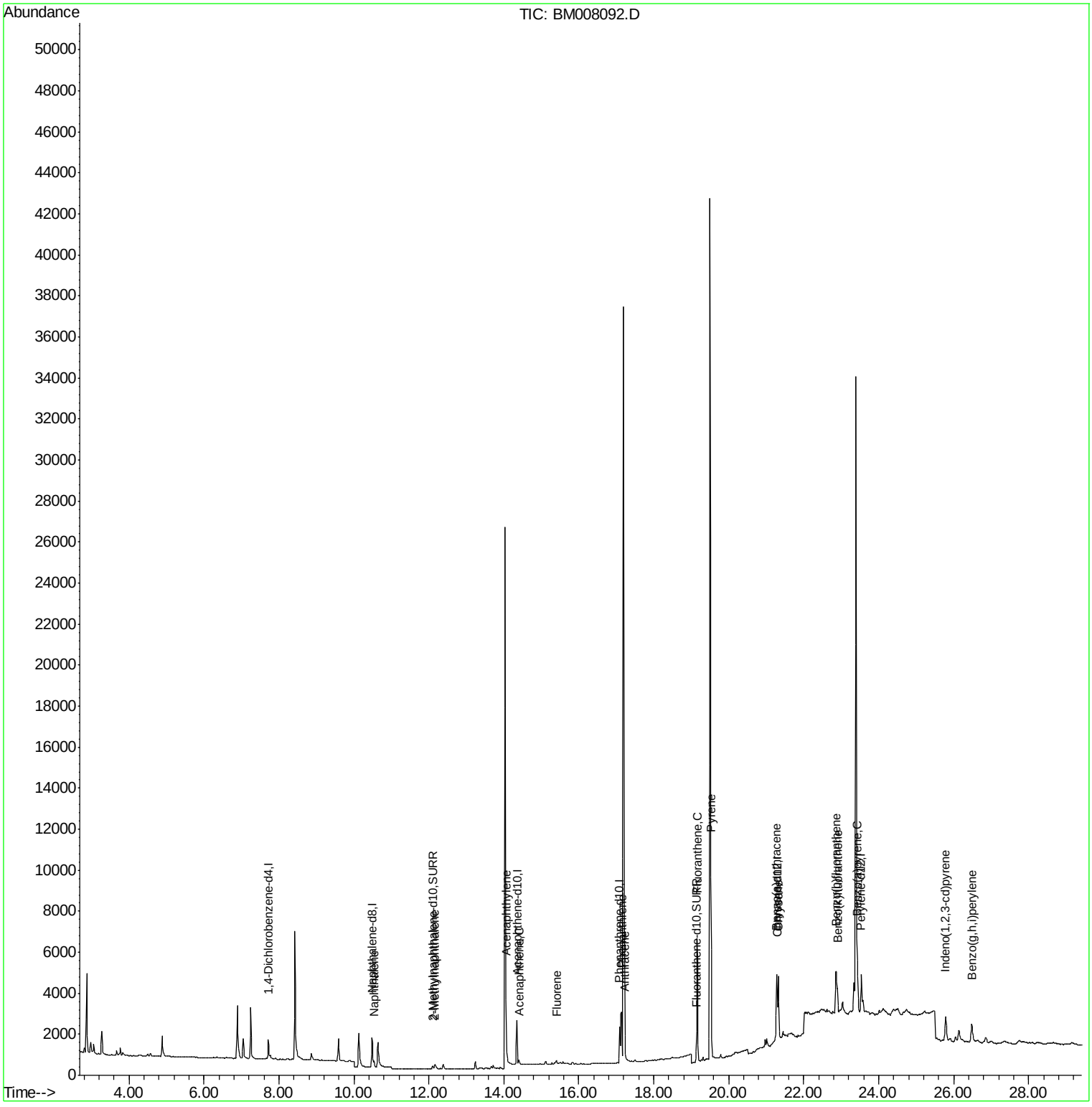
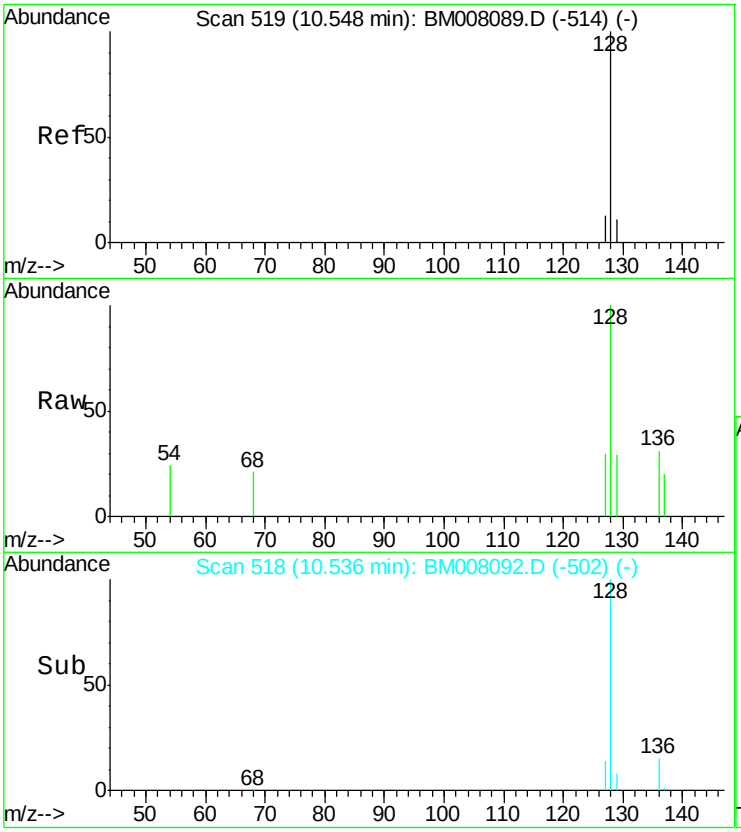
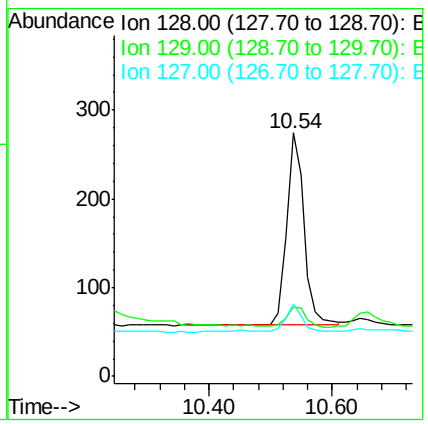




#3
Naphthalene
Concen: 0.07 ng/ul
RT: 10.54 min Scan# 518
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:128 Resp: 420

Ion	Ratio	Lower	Upper
128	100		
129	28.8	11.3	16.9#
127	29.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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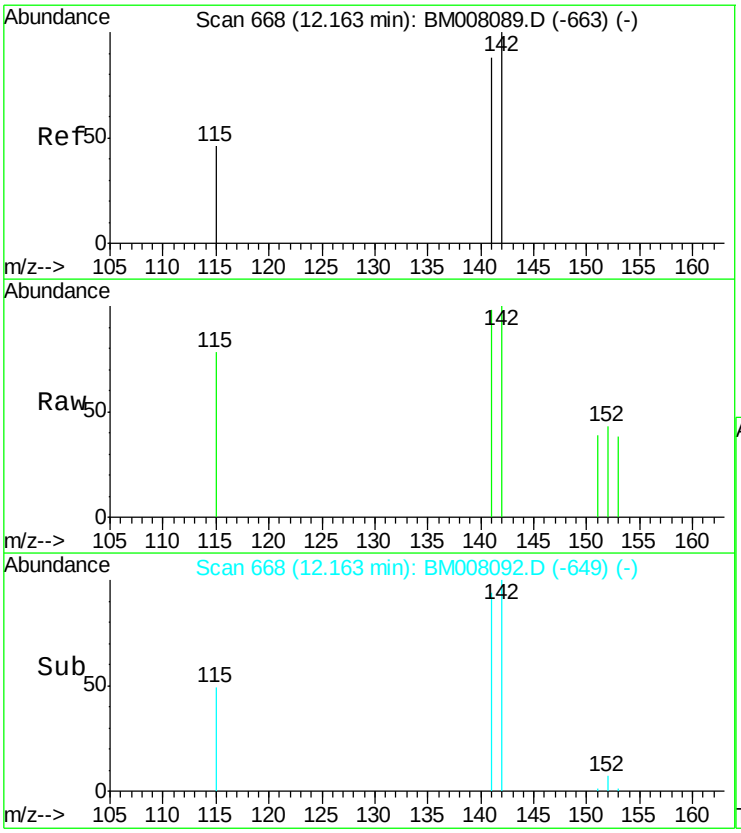
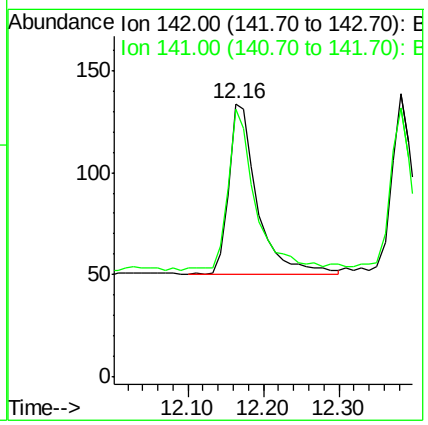
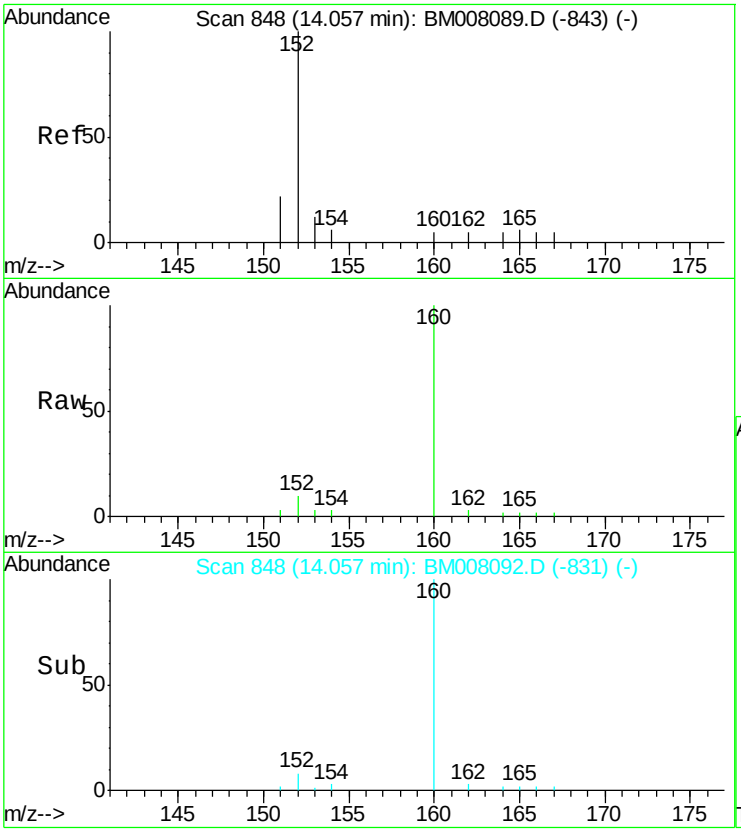


#5
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.16 min Scan# 668
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:142 Resp: 223

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8

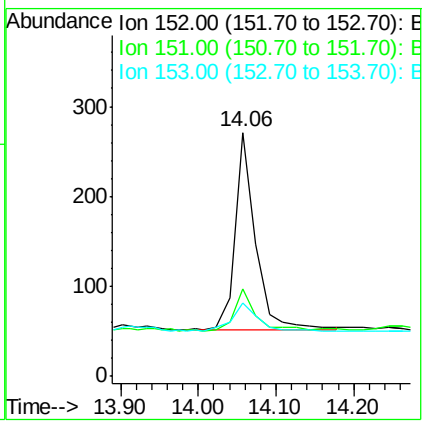




#7
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:152 Resp: 379

Ion	Ratio	Lower	Upper
152	100		
151	35.8	17.1	25.7#
153	29.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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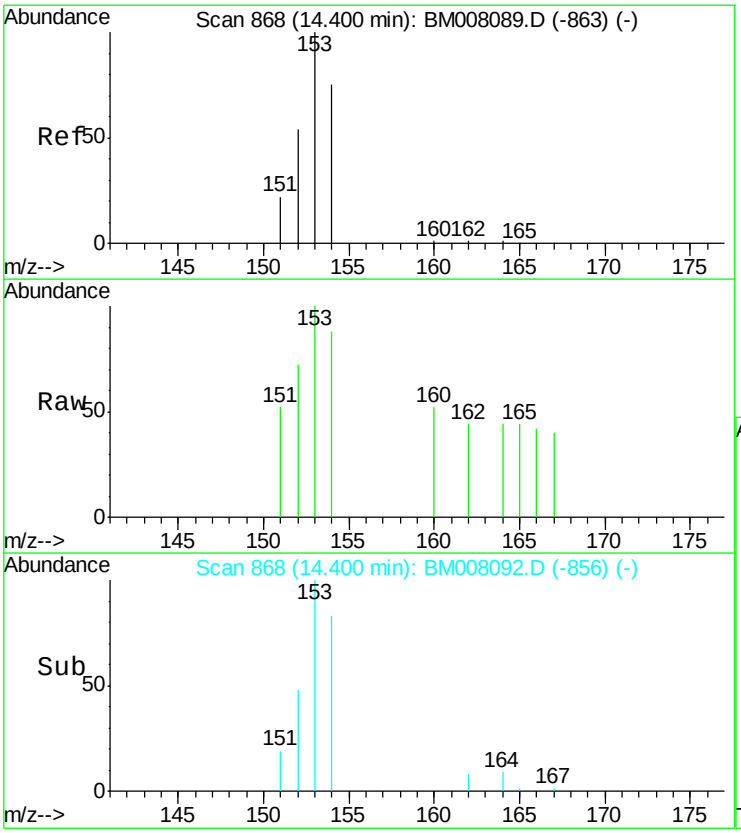
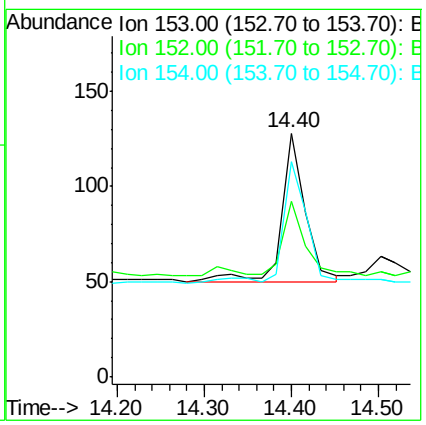
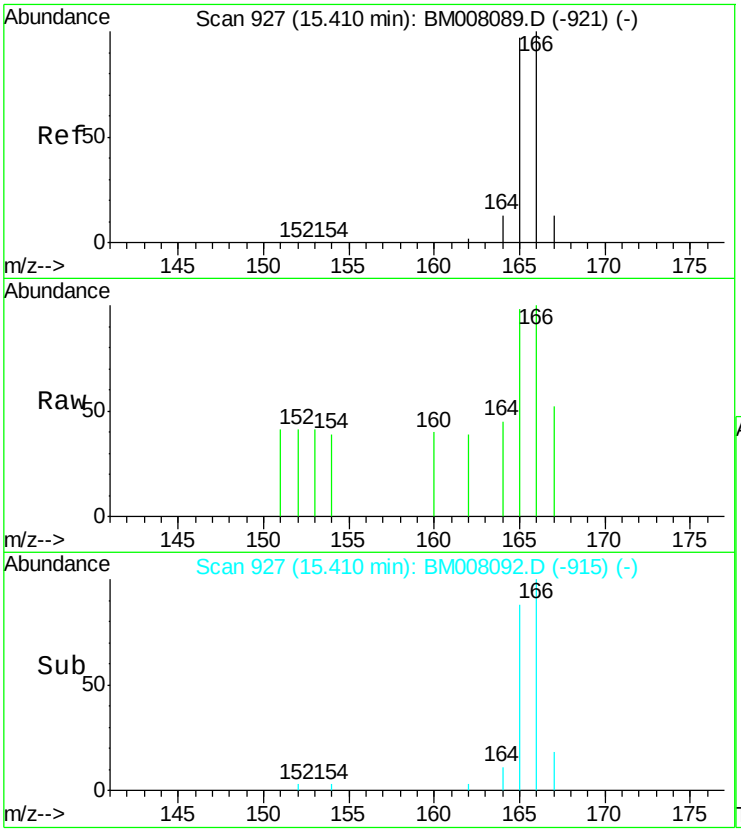


#8
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:153 Resp: 149

Ion	Ratio	Lower	Upper
153	100		
152	71.9	40.3	60.5#
154	88.3	71.4	107.2

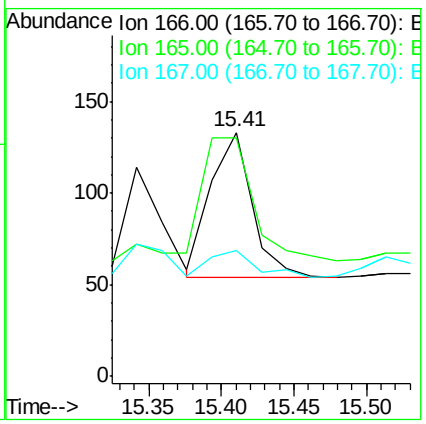




#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:166 Resp: 158

Ion	Ratio	Lower	Upper
166	100		
165	97.7	73.4	110.2
167	51.9	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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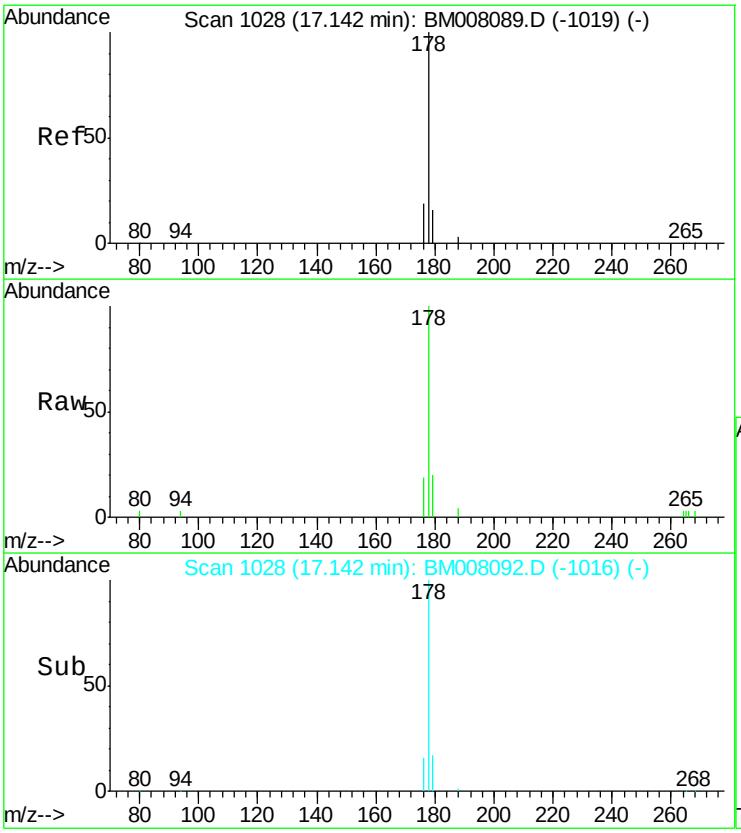
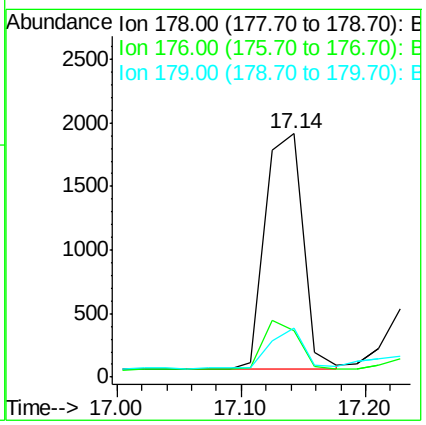
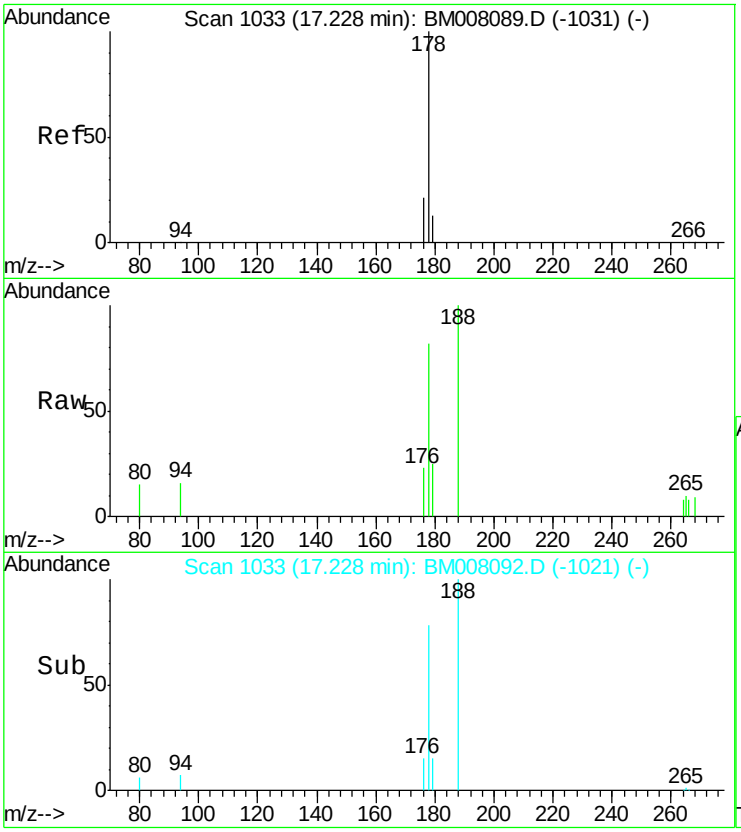


#12
Phenanthrene
Concen: 0.52 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:178 Resp: 3899

Ion	Ratio	Lower	Upper
178	100		
176	18.9	18.4	27.6
179	20.2	13.6	20.4





#13
Anthracene
Concen: 0.12 ng/ul m
RT: 17.23 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:178 Resp: 852

Ion	Ratio	Lower	Upper
178	100		
176	27.9	18.1	27.1#
179	30.1	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
JHSS6DL

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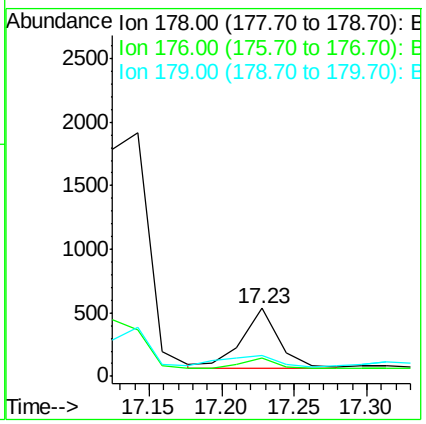
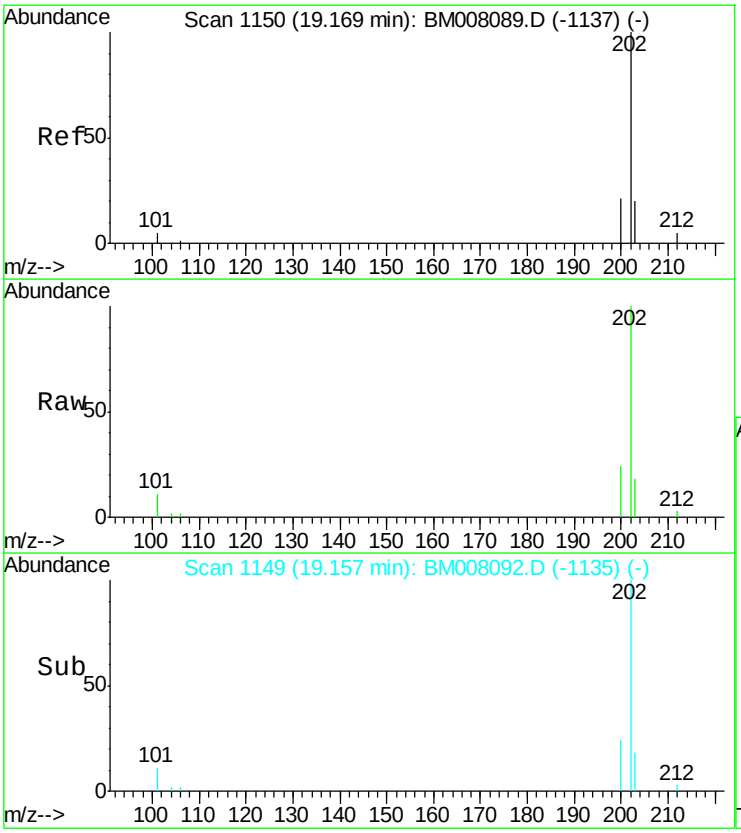
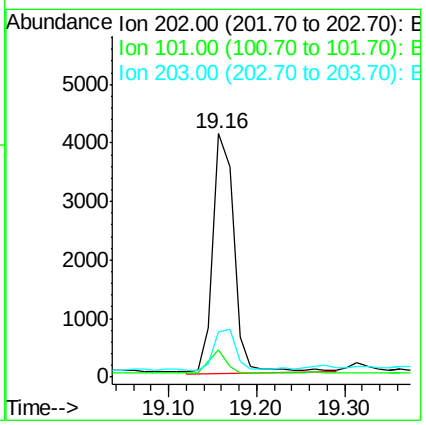


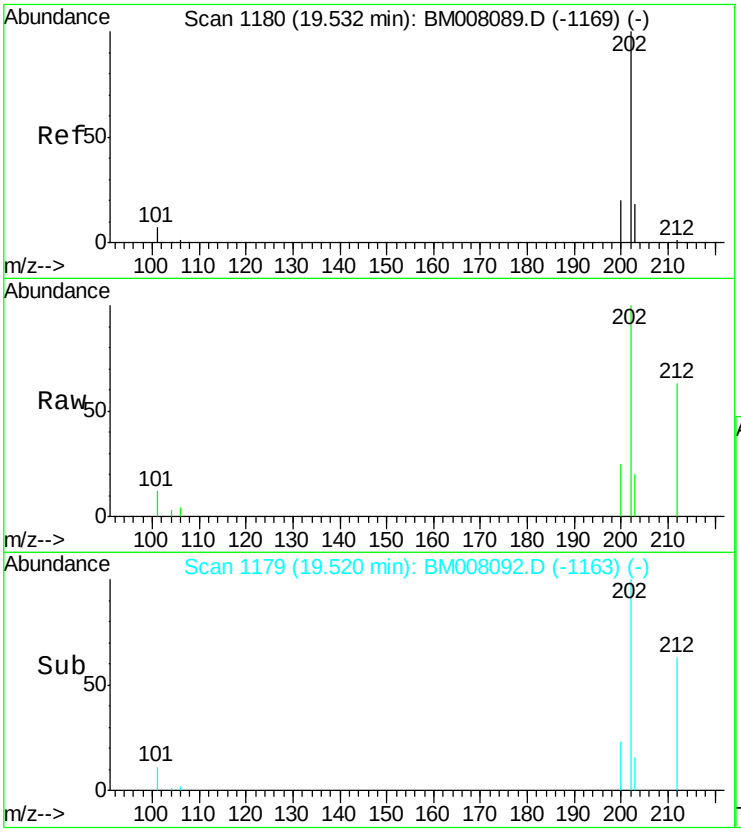


#15
Fluoranthene
Concen: 0.71 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:202 Resp: 6967

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.3	0.0	39.5

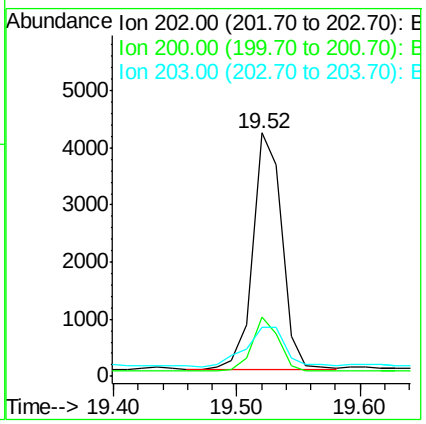




#17
Pyrene
Concen: 0.78 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:202 Resp: 6793

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.2	27.4
203	19.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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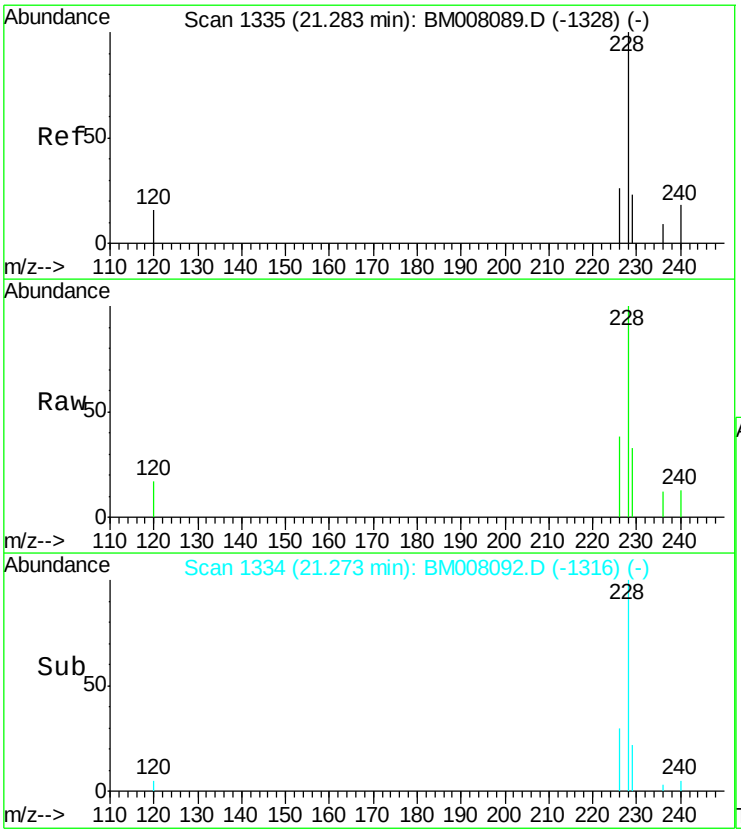
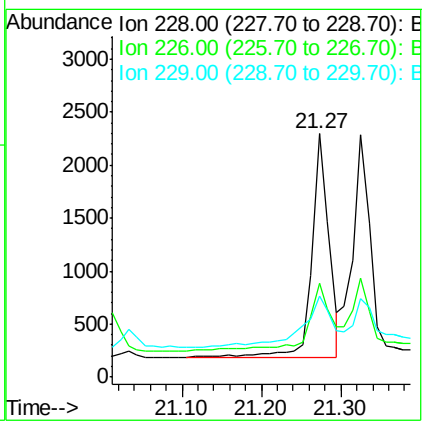
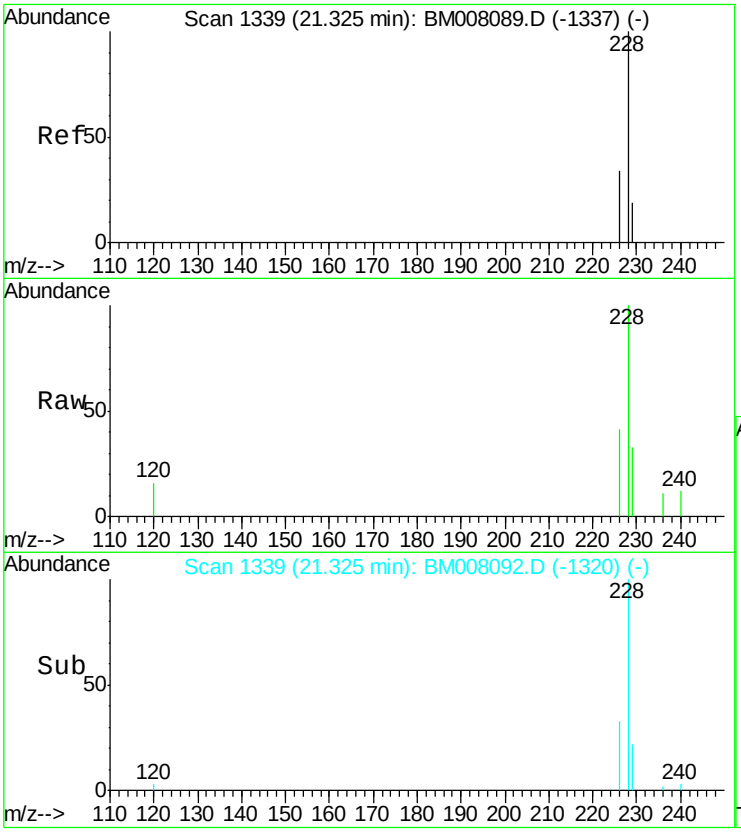


#18
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:228 Resp: 3147

Ion	Ratio	Lower	Upper
228	100		
226	38.4	22.8	34.2#
229	33.2	17.0	25.6#

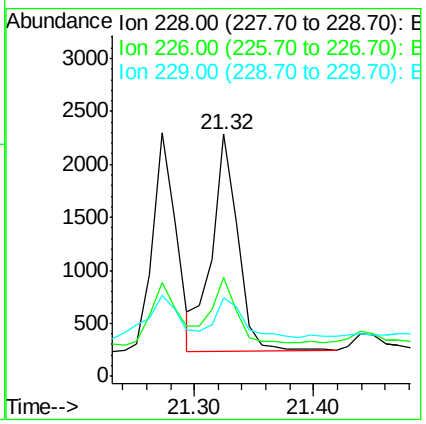




#19
Chrysene
Concen: 0.33 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:228 Resp: 3108

Ion	Ratio	Lower	Upper
228	100		
226	41.1	23.4	35.0#
229	32.6	17.7	26.5#



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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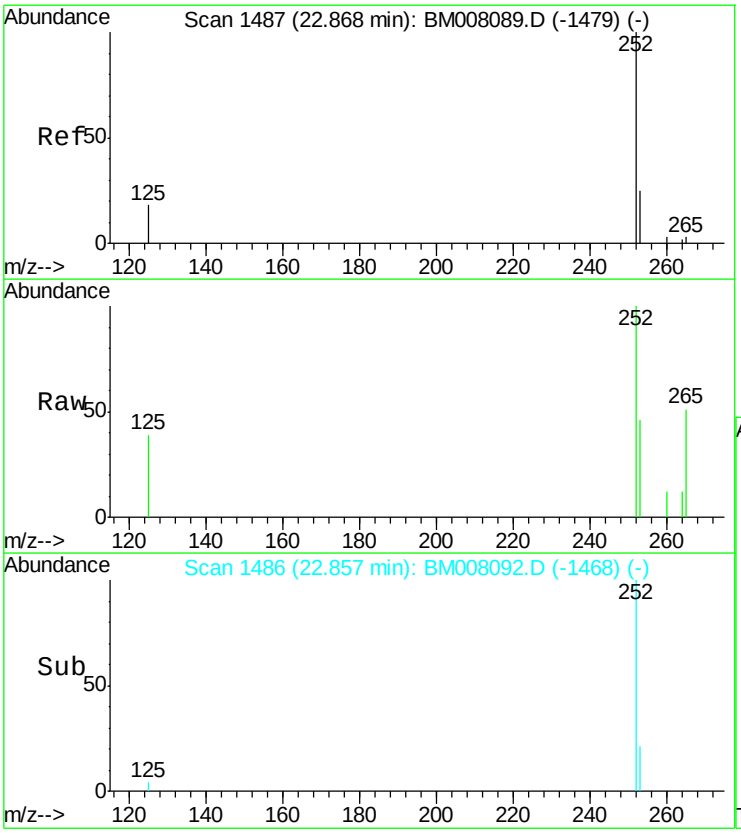
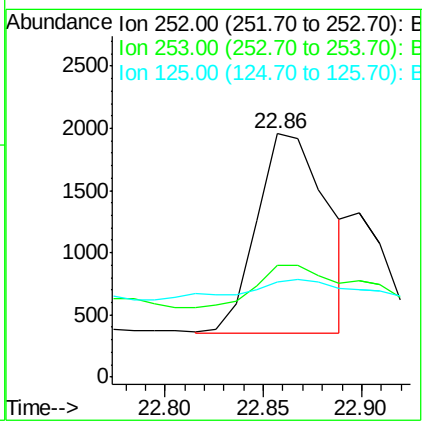
11/29/2016 2:22:43 PM

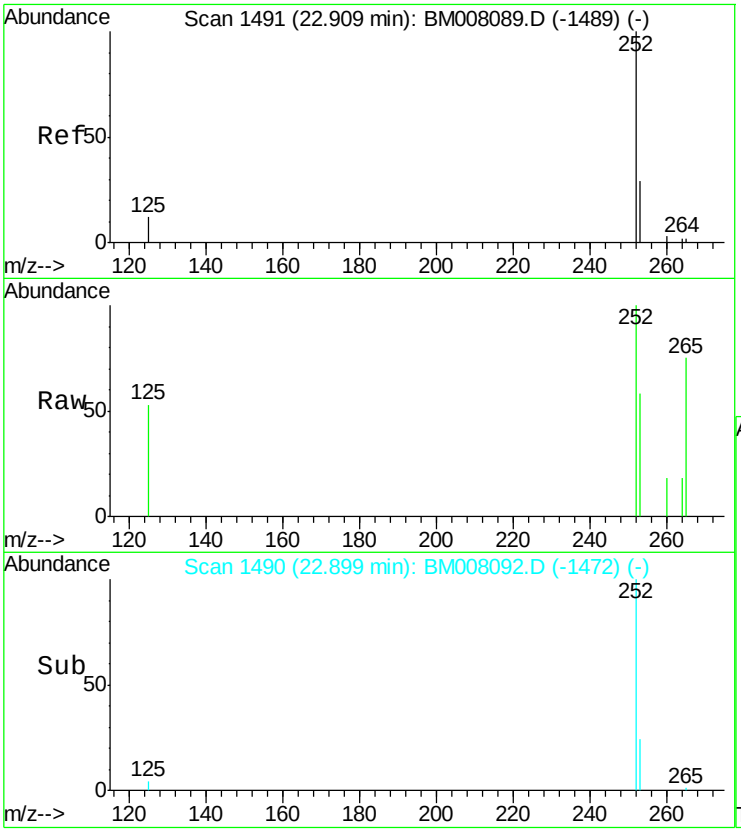


#21
Benzo(b)fluoranthene
Concen: 0.42 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:252 Resp: 3990

Ion	Ratio	Lower	Upper
252	100		
253	46.0	0.0	64.2
125	39.2	0.0	35.0#

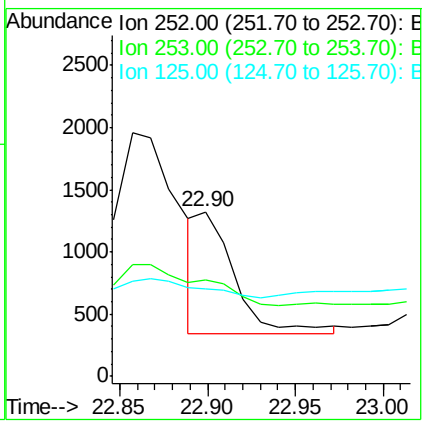




#22
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:252 Resp: 1436

Ion	Ratio	Lower	Upper
252	100		
253	58.4	24.5	36.7#
125	53.3	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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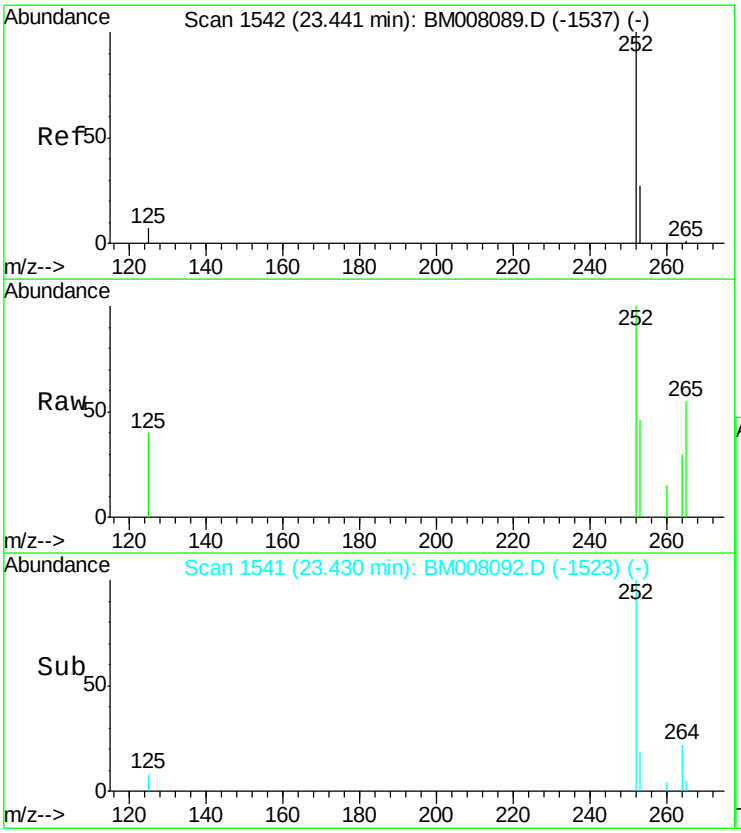
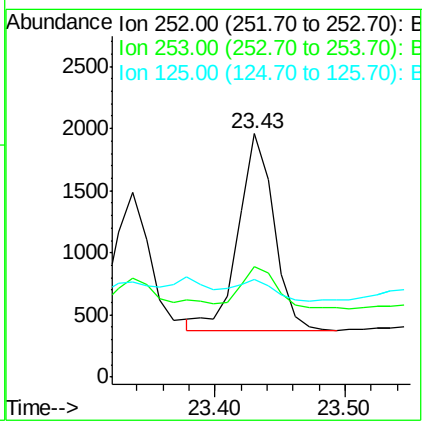
11/29/2016 2:22:43 PM

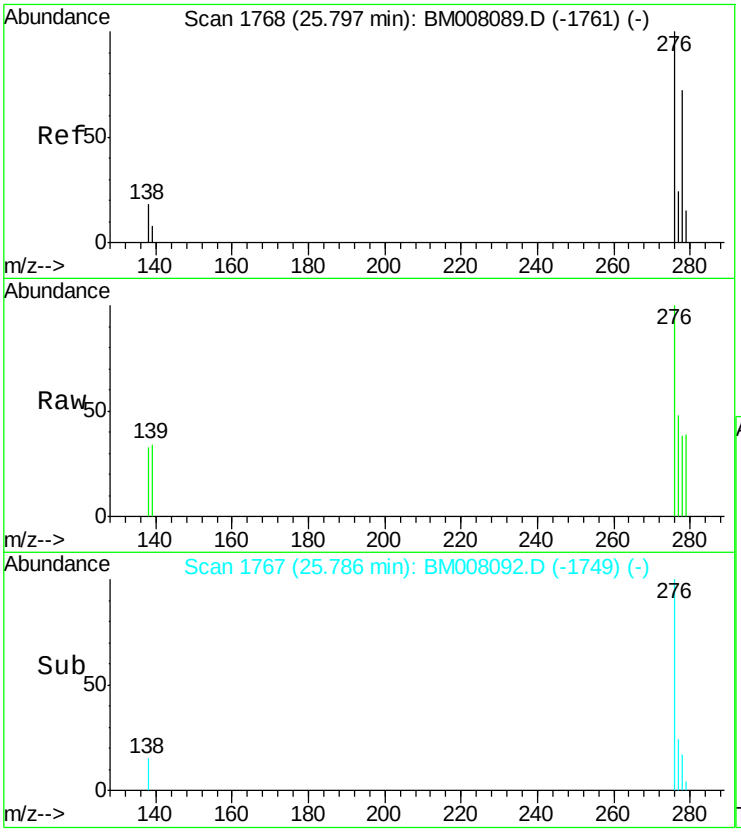


#23
Benzo(a)pyrene
Concen: 0.34 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:252 Resp: 2995

Ion	Ratio	Lower	Upper
252	100		
253	45.5	28.5	42.7#
125	39.9	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:276 Resp: 2206

Ion	Ratio	Lower	Upper
276	100		
138	15.5	19.1	28.7#
277	23.0	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
JHSS6DL

Manual Integrations APPROVED
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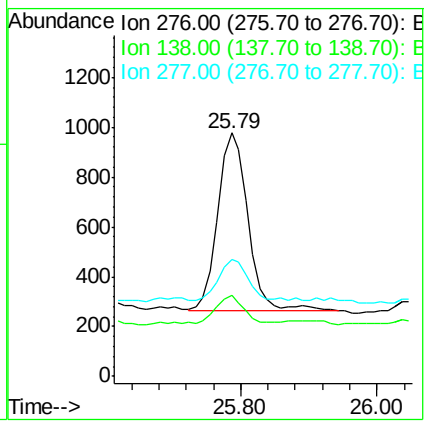
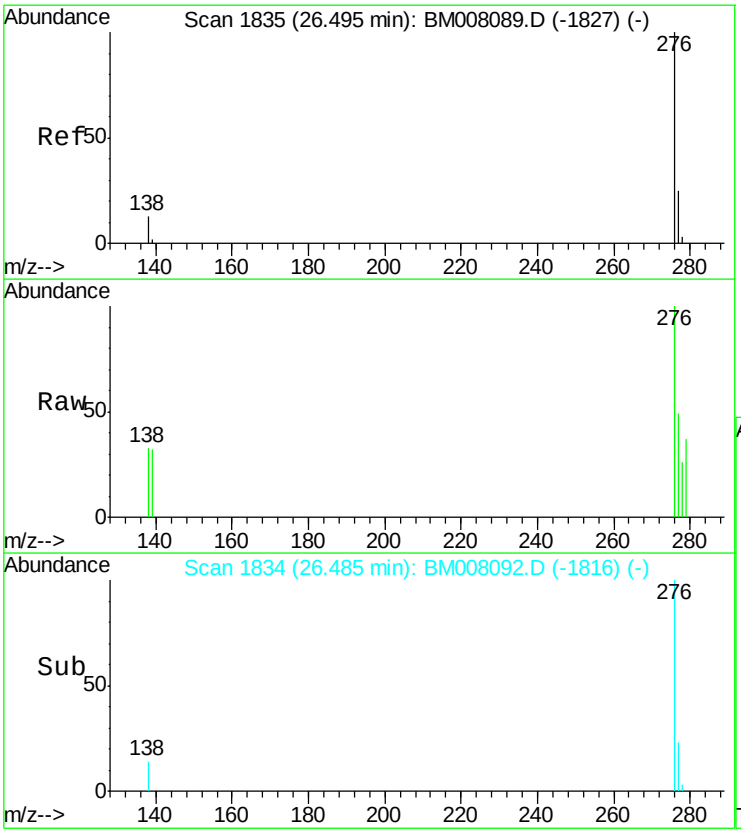
11/29/2016 2:22:43 PM





#26
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.48 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM008092.D
Acq: 28 Nov 2016 18:32

Tgt Ion:276 Resp: 2194

Ion	Ratio	Lower	Upper
276	100		
277	49.1	21.8	32.8#
138	32.7	20.5	30.7#