Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102516\
Data File : BM007735.D
Acq On : 25 Oct 2016 12:45
Operator : UM/SJ
Sample : H5349-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2684

Manual Integrations APPROVED
Umangi
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Quant Time: Oct 25 13:29:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 13:26:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	815	0.40	ng/ul	0.00
2) Naphthalene-d8	10.56	136	2549	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.38	164	1434	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	2779	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	2728	0.40	ng/ul	0.00
20) Perylene-d12	23.59	264	2656	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.15	152	862	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	2584	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.60	128	3300	0.50	ng/ul	97
5) 2-Methylnaphthalene	12.23	142	2183	0.53	ng/ul	98
7) Acenaphthylene	14.11	152	3015	0.45	ng/ul	99
8) Acenaphthene	14.45	153	2984	0.58	ng/ul	93
11) Pentachlorophenol	16.82	266	817	1.25	ng/ul	97
13) Anthracene	17.28	178	3879	0.55	ng/ul	97
17) Pyrene	19.56	202	7813	0.83	ng/ul	98
19) Chrysene	21.36	228	6347	0.72	ng/ul	95
21) Benzo(b)fluoranthene	22.89	252	7202	0.79	ng/ul	91
22) Benzo(k)fluoranthene	22.94	252	12630m	1.33	ng/ul	
23) Benzo(a)pyrene	23.49	252	2931	0.35	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.87	278	7482	0.91	ng/ul	93

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

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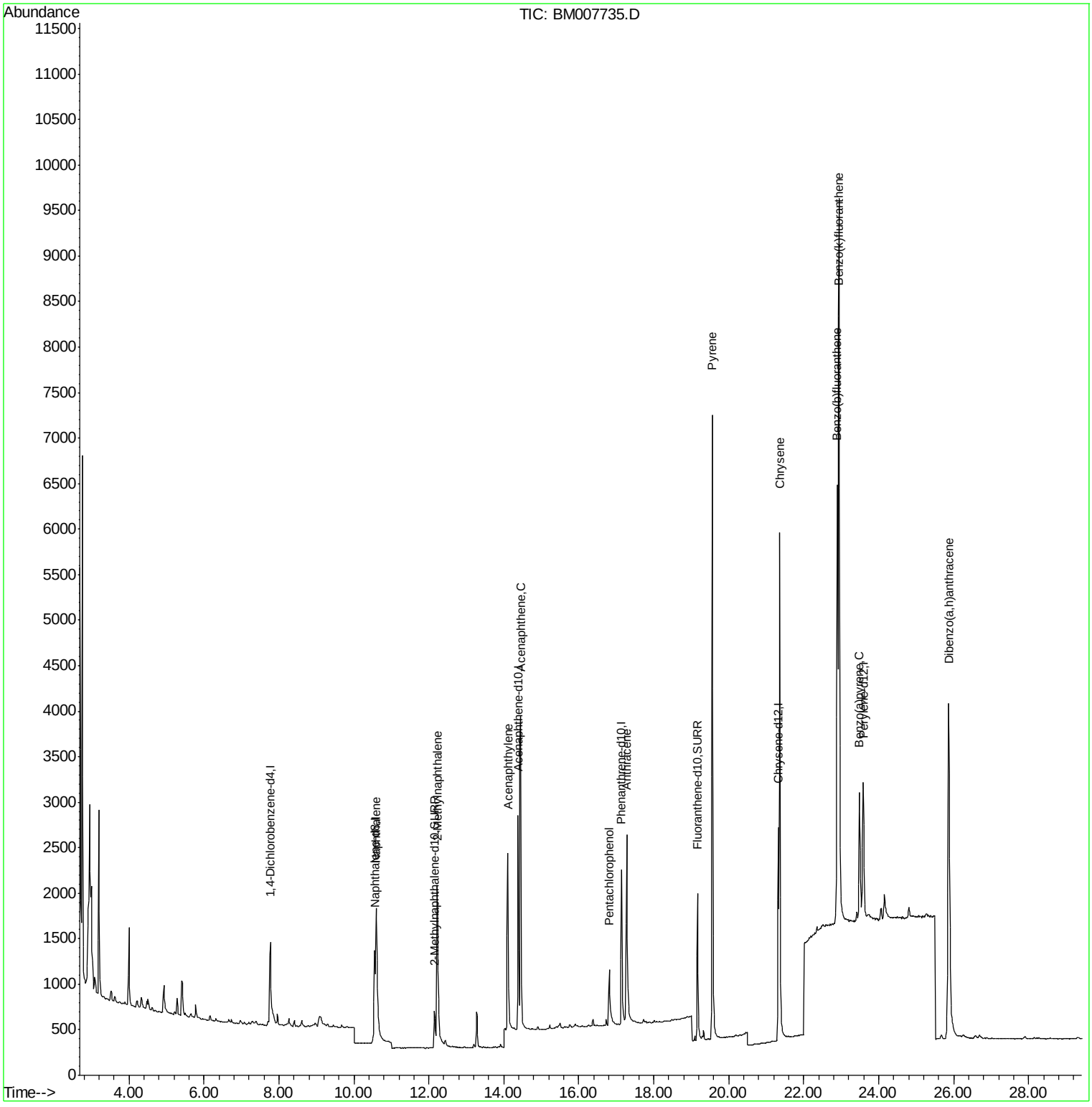
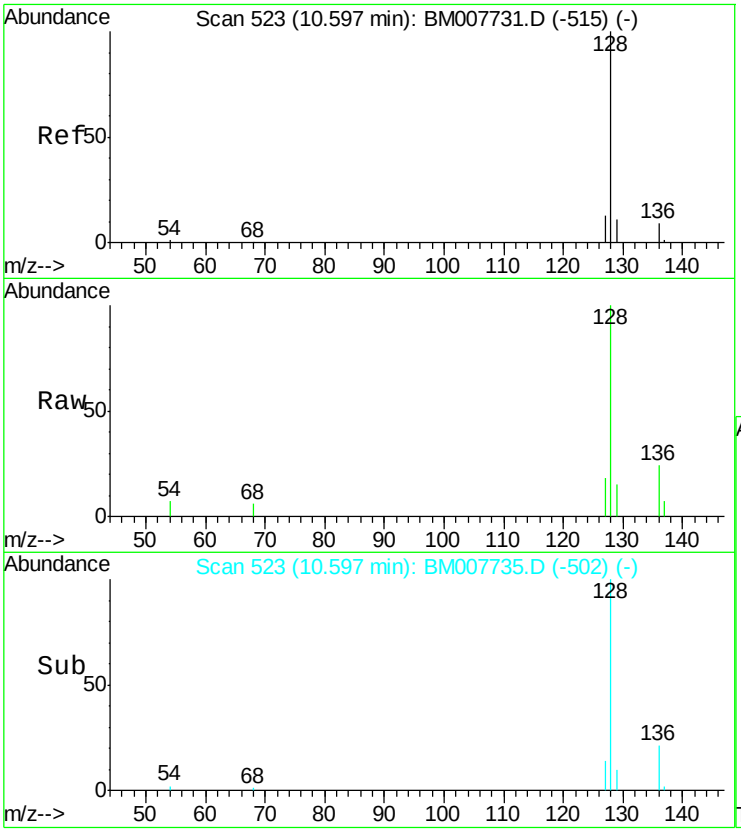
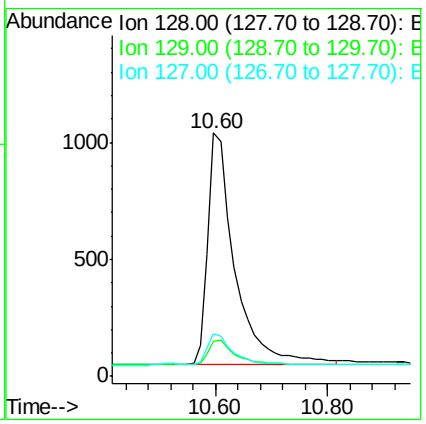




#3
Naphthalene
Concen: 0.50 ng/ul
RT: 10.60 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:128 Resp: 3300

Ion	Ratio	Lower	Upper
128	100		
129	14.6	11.3	16.9
127	17.7	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
X2684

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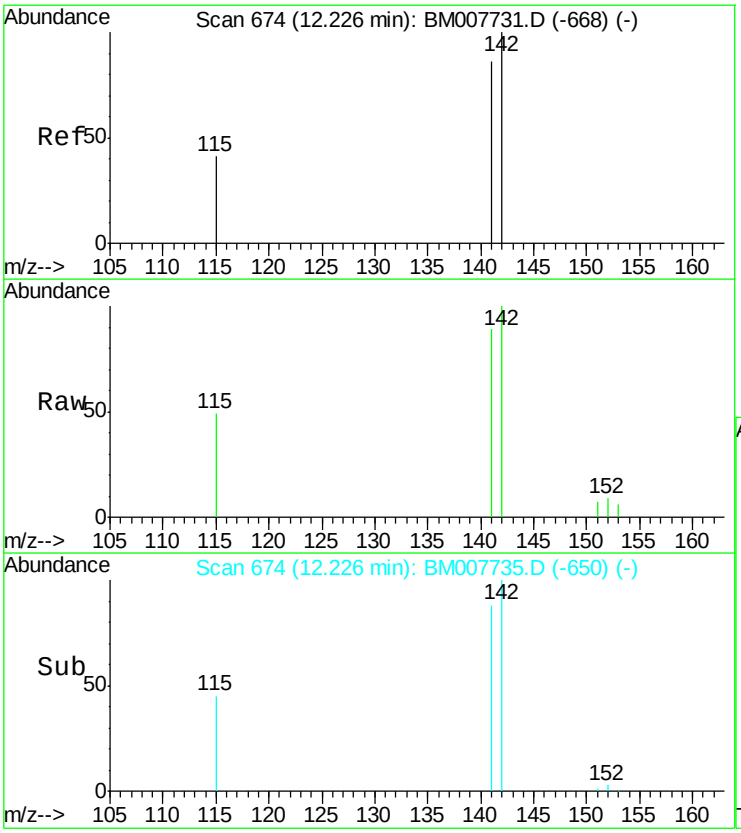
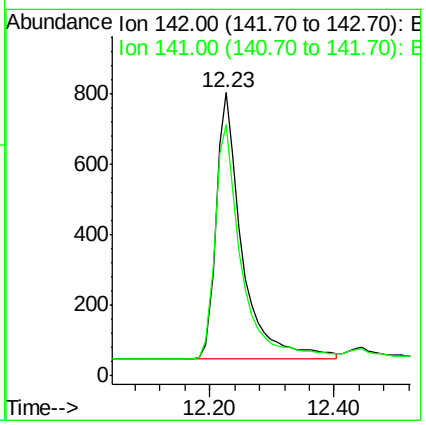
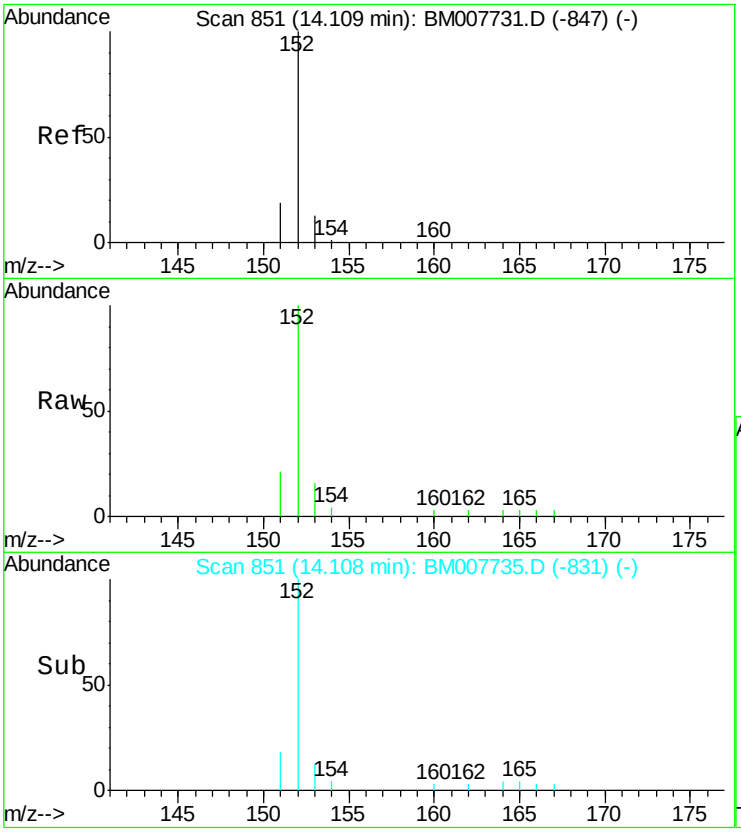


#5
2-Methylnaphthalene
Concen: 0.53 ng/ul
RT: 12.23 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:142 Resp: 2183

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

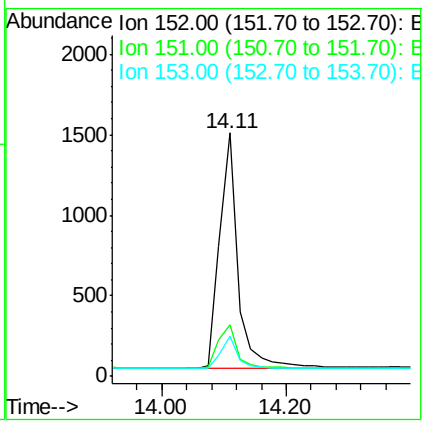




#7
Acenaphthylene
Concen: 0.45 ng/ul
RT: 14.11 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:152 Resp: 3015

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	16.3	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
X2684

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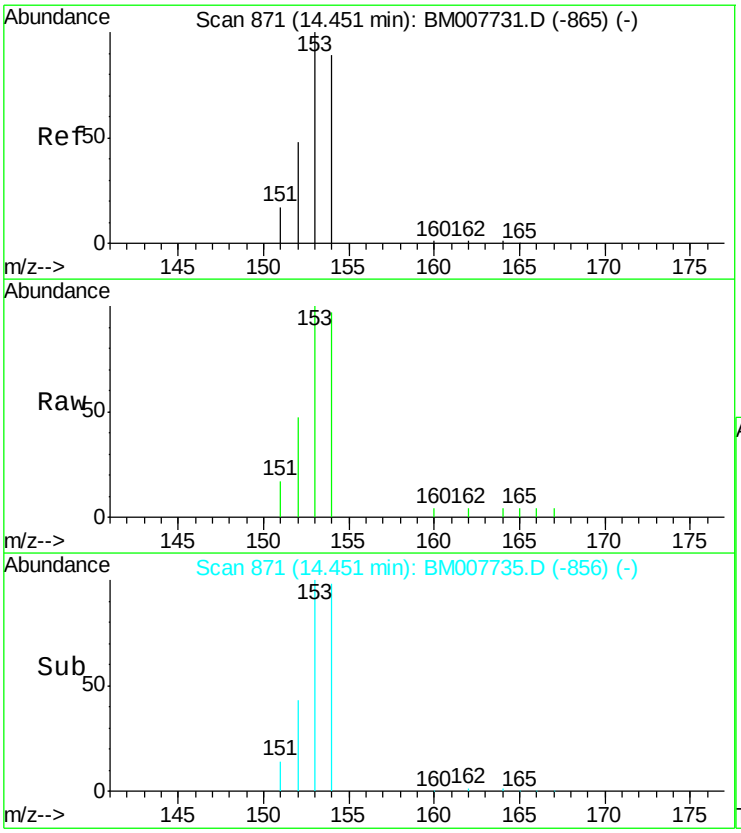
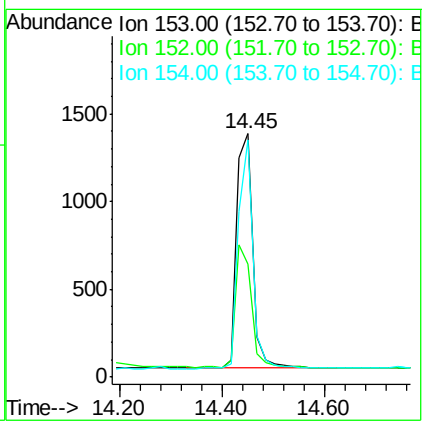
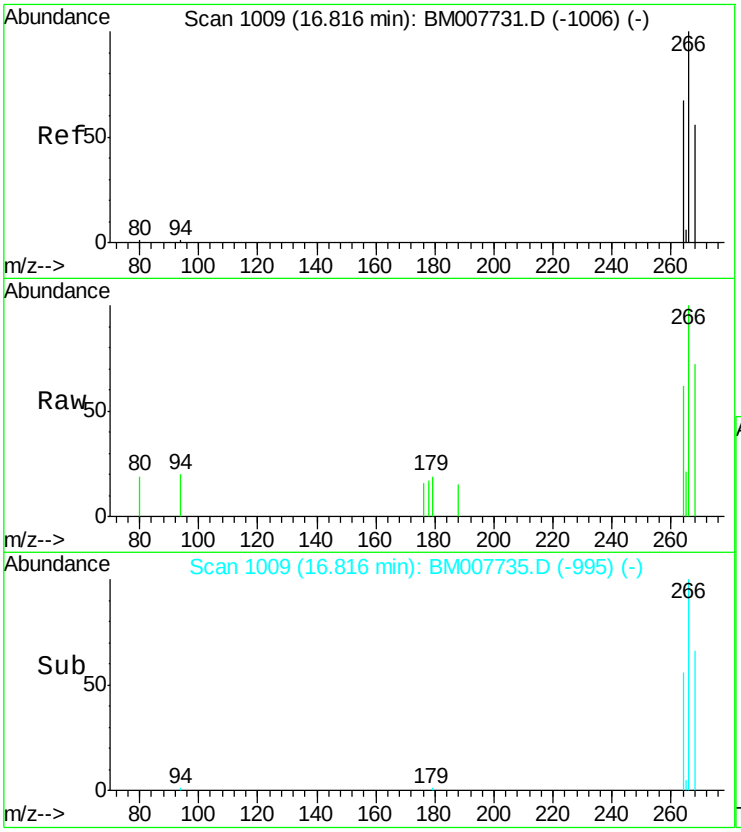


#8
Acenaphthene
Concen: 0.58 ng/ul
RT: 14.45 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:153 Resp: 2984

Ion	Ratio	Lower	Upper
153	100		
152	46.6	40.3	60.5
154	97.3	71.4	107.2





#11
Pentachlorophenol
Concen: 1.25 ng/ul
RT: 16.82 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:266 Resp: 817

Ion	Ratio	Lower	Upper
266	100		
264	62.3	47.9	71.9
268	64.5	49.8	74.8

Instrument :
BNA_M
ClientSampleId :
X2684

Manual Integrations APPROVED
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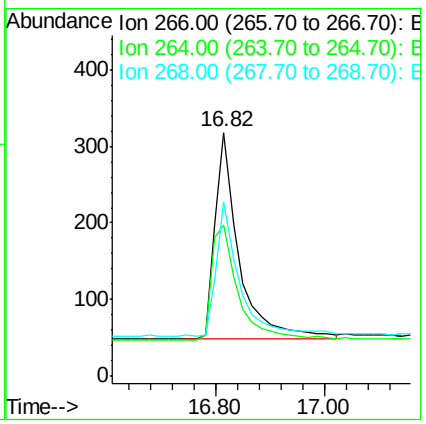
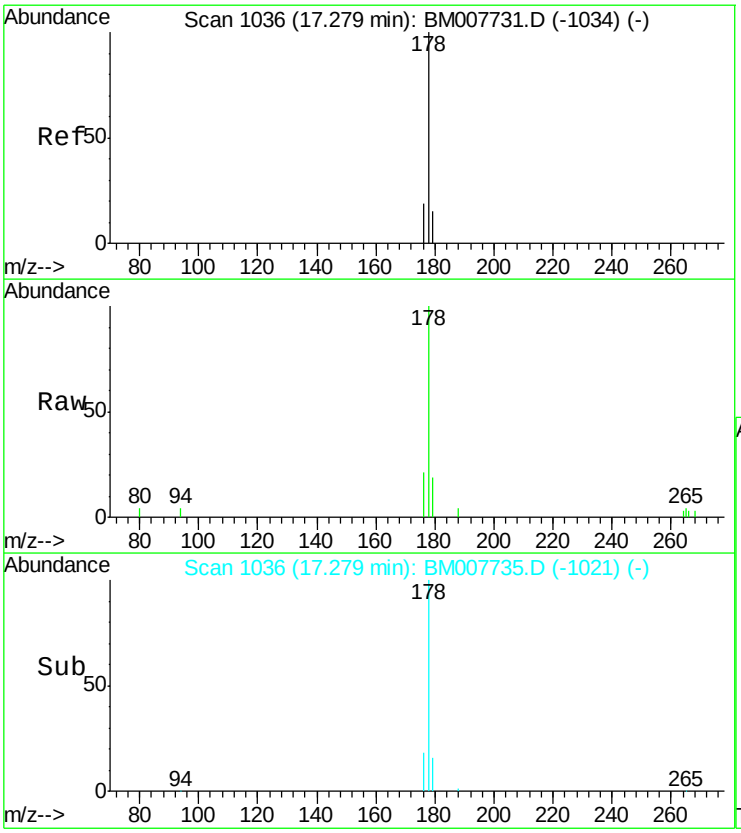
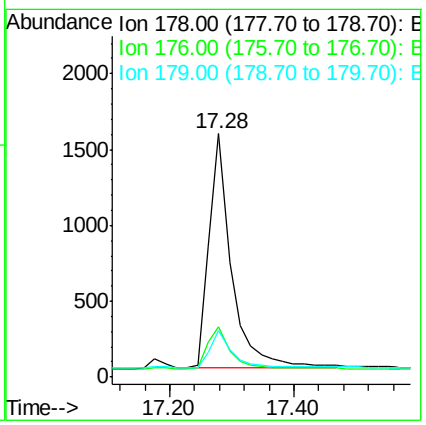


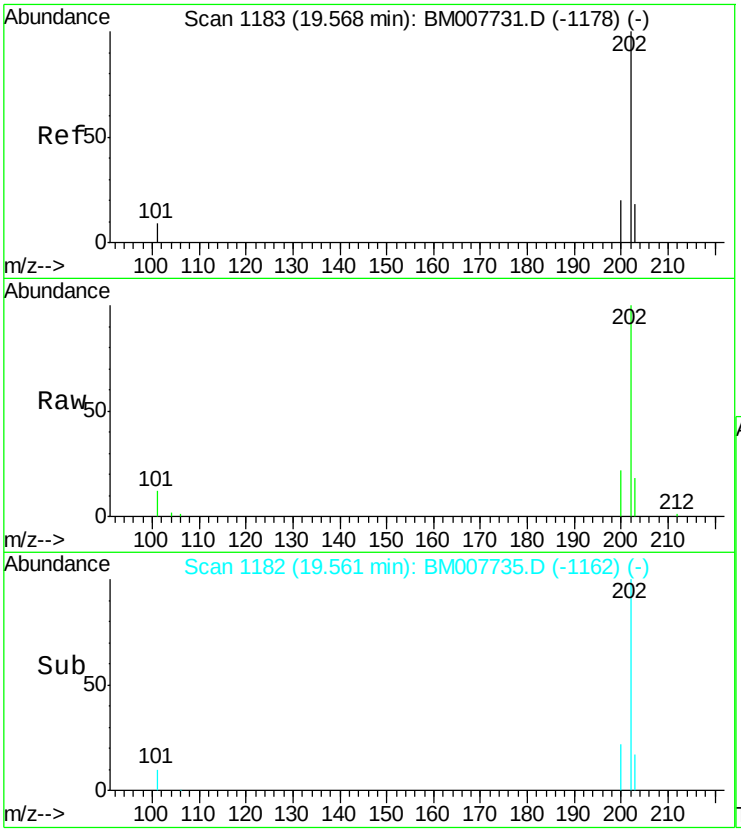


#13
Anthracene
Concen: 0.55 ng/ul
RT: 17.28 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:178 Resp: 3879

Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.1	27.1
179	19.0	14.7	22.1

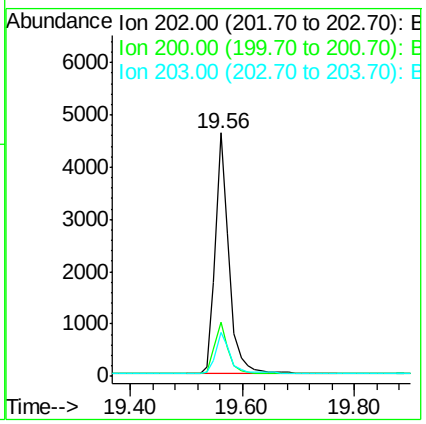




#17
Pyrene
Concen: 0.83 ng/ul
RT: 19.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:202 Resp: 7813

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.4
203	17.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
X2684

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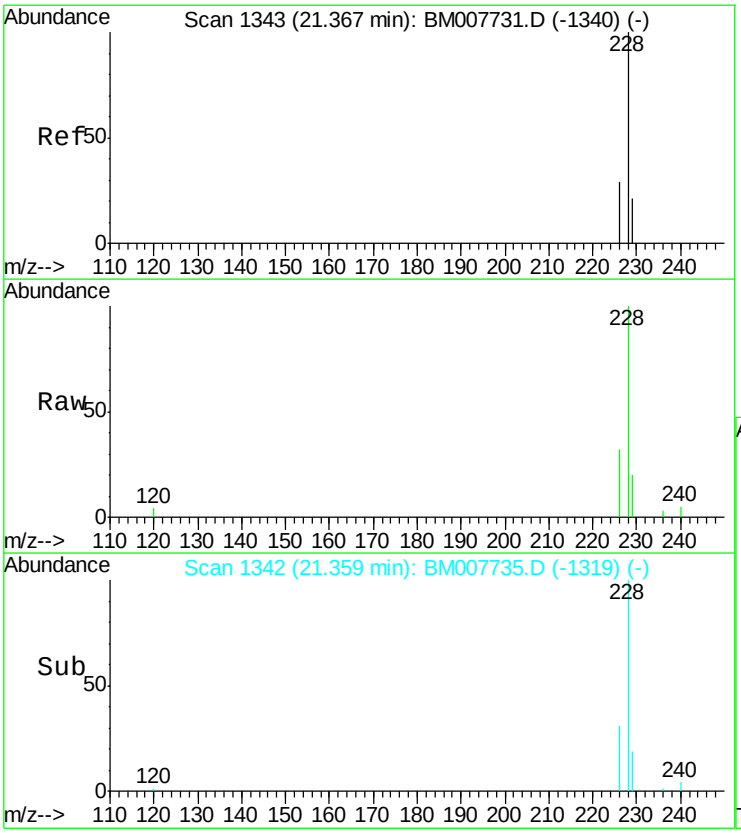
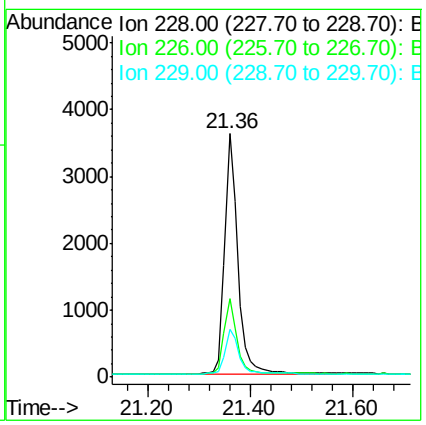
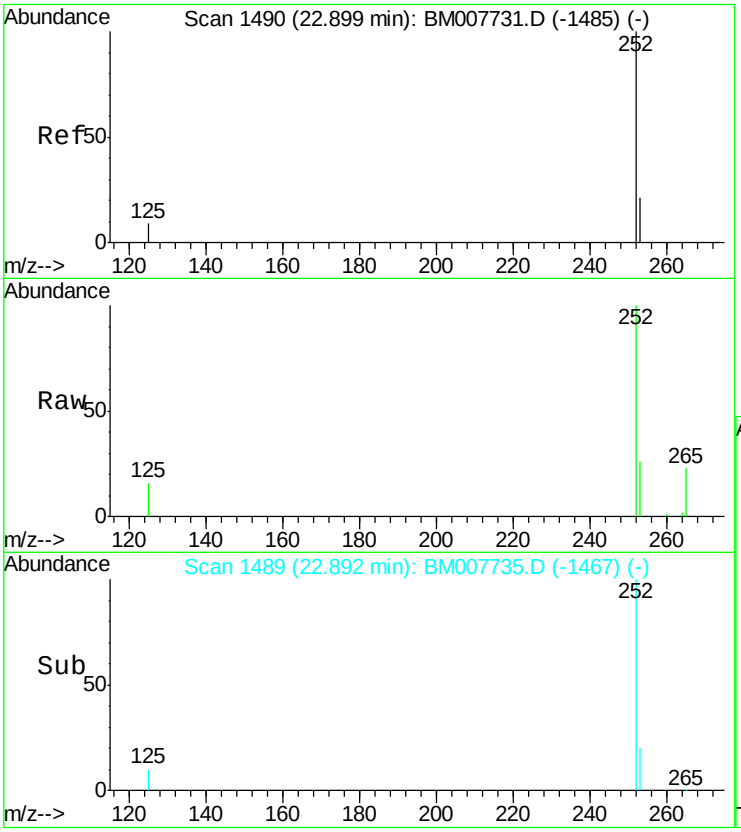


#19
Chrysene
Concen: 0.72 ng/ul
RT: 21.36 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:228 Resp: 6347

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	19.9	17.7	26.5

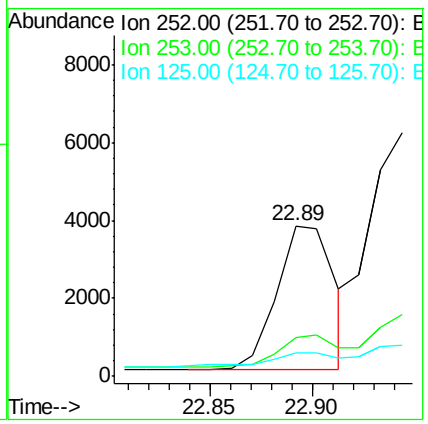




#21
Benzo(b)fluoranthene
Concen: 0.79 ng/ul
RT: 22.89 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:252 Resp: 7202

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	64.2
125	15.8	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
X2684

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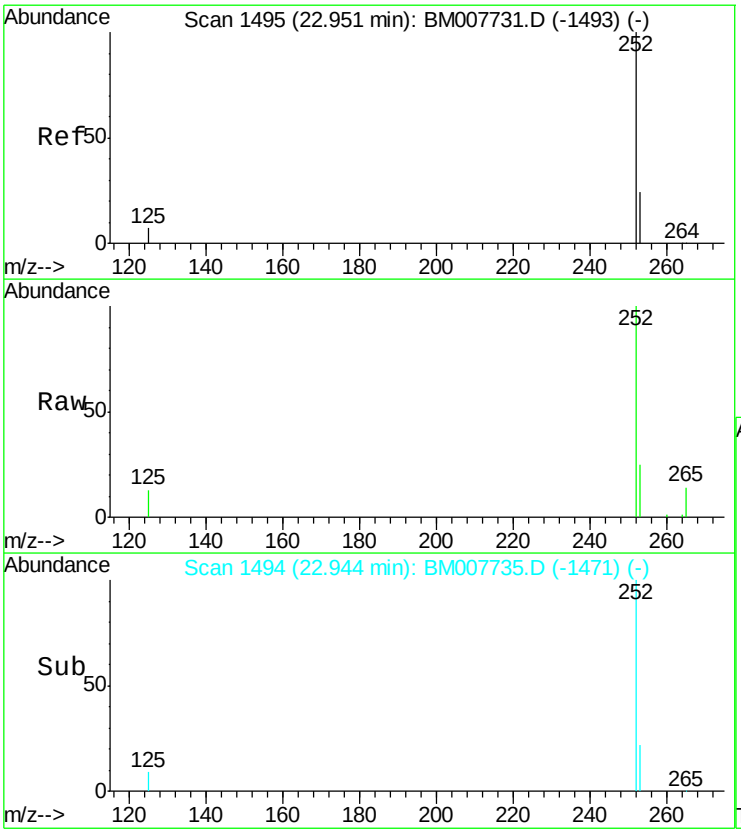
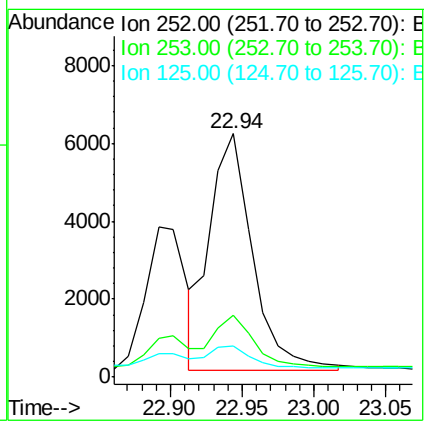
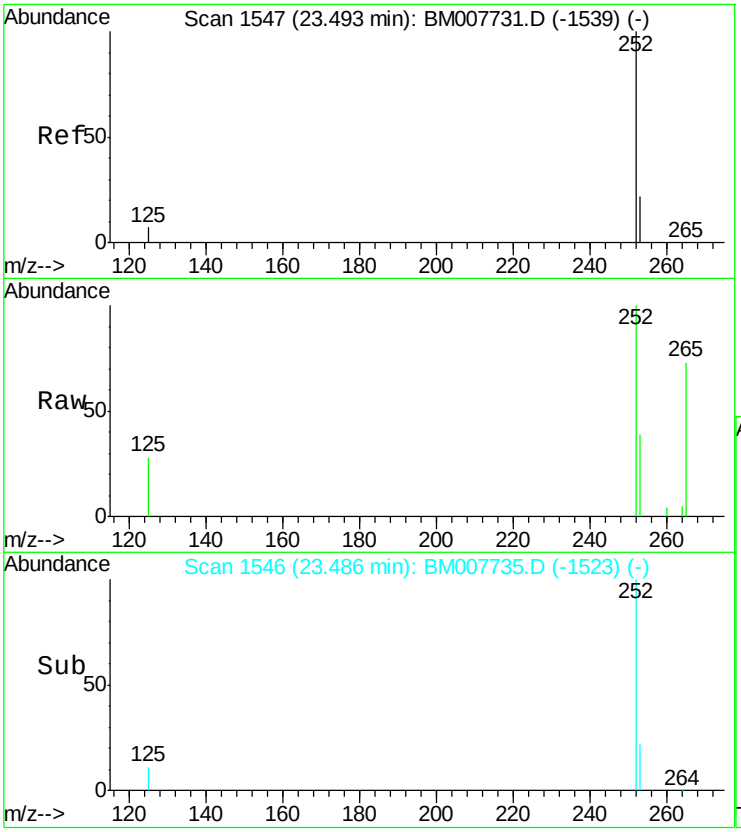


#22
Benzo(k)fluoranthene
Concen: 1.33 ng/ul m
RT: 22.94 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:252 Resp: 12630

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	12.6	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.35 ng/ul
RT: 23.49 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:252 Resp: 2931

Ion	Ratio	Lower	Upper
252	100		
253	38.9	28.5	42.7
125	27.7	18.1	27.1#

Instrument :
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ClientSampleId :
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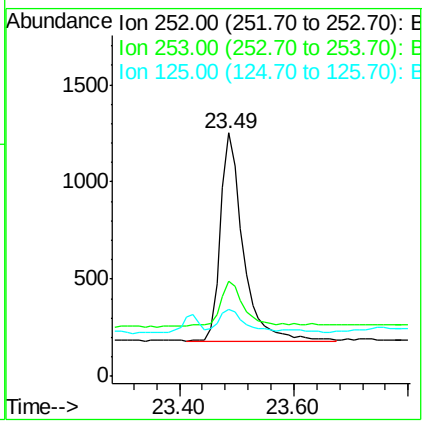

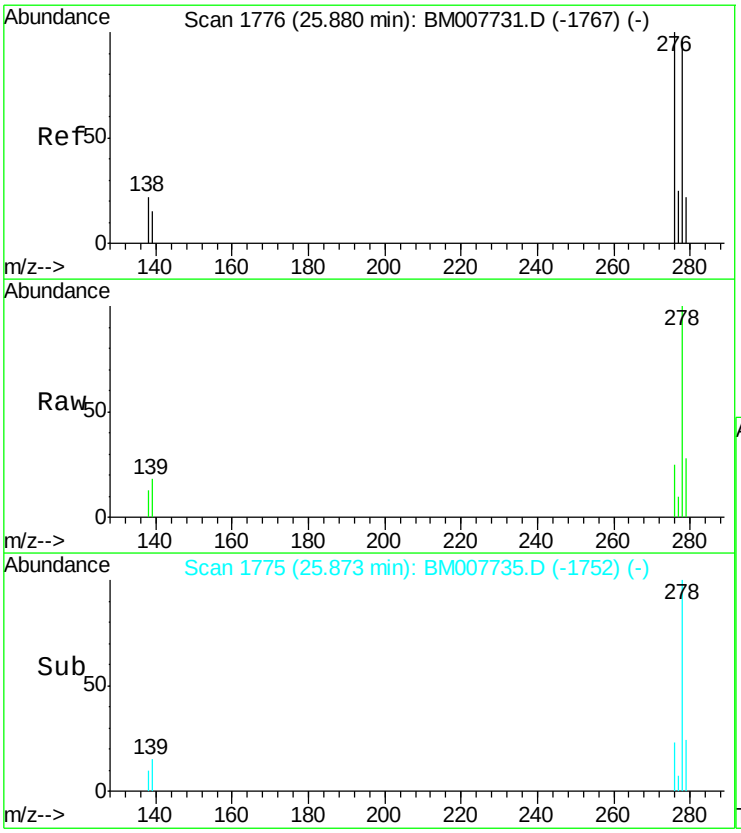

#25
Dibenzo(a,h)anthracene
Concen: 0.91 ng/ul
RT: 25.87 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BM007735.D
Acq: 25 Oct 2016 12:45

Tgt Ion:278 Resp: 7482

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	28.3	25.9	38.9