Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007106.D
Acq On : 14 Aug 2016 14:04
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01

Manual Integrations APPROVED
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Quant Time: Aug 15 15:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	285538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1118221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	630792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1426768	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1736442	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1958237	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	18587	2.84	ng/uL	0.00
5) Phenol-d5	6.97	99	378061	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	223359	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	308767	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	278597	14.64	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	148928	18.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	167081	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	311534	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	269389	12.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	938393	18.00	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1172426	18.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	148276	15.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	832442	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	107265	13.60	ng/ul	0.00
70) Anthracene-d10	17.28	188	1315758	19.91	ng/ul	0.00
76) Pyrene-d10	19.58	212	1526909	20.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1763712	19.69	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	31433	1.29	ng/ul	92
28) Naphthalene	10.65	128	71556	1.29	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	79078	1.85	ng/ul	97
44) Dimethylphthalate	13.90	163	953091	18.30	ng/ul	99
47) Acenaphthylene	14.16	152	902777	14.01	ng/ul	100
58) Fluorene	15.49	166	206424	4.12	ng/ul	99
69) Phenanthrene	17.23	178	3182491	41.48	ng/ul	99
71) Anthracene	17.32	178	645229	8.19	ng/ul	99
74) Fluoranthene	19.24	202	3479814	37.39	ng/ul	99
77) Pyrene	19.61	202	6062904	63.15	ng/ul	98
80) Benzo(a)anthracene	21.36	228	2532085m	24.68	ng/ul	
82) Chrysene	21.40	228	3066625	32.71	ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	2465339m	20.90	ng/ul	
86) Benzo(k)fluoranthene	23.00	252	647458m	5.84	ng/ul	
88) Benzo(a)pyrene	23.55	252	2226414	19.91	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.95	276	1352496	9.87	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	404636	3.52	ng/ul#	84
91) Benzo(g,h,i)perylene	26.66	276	1486288	12.83	ng/ul	98

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Time: Aug 15 15:01:20 2016
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Instrument :
BNA_M
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PR002-SS001-1218-01

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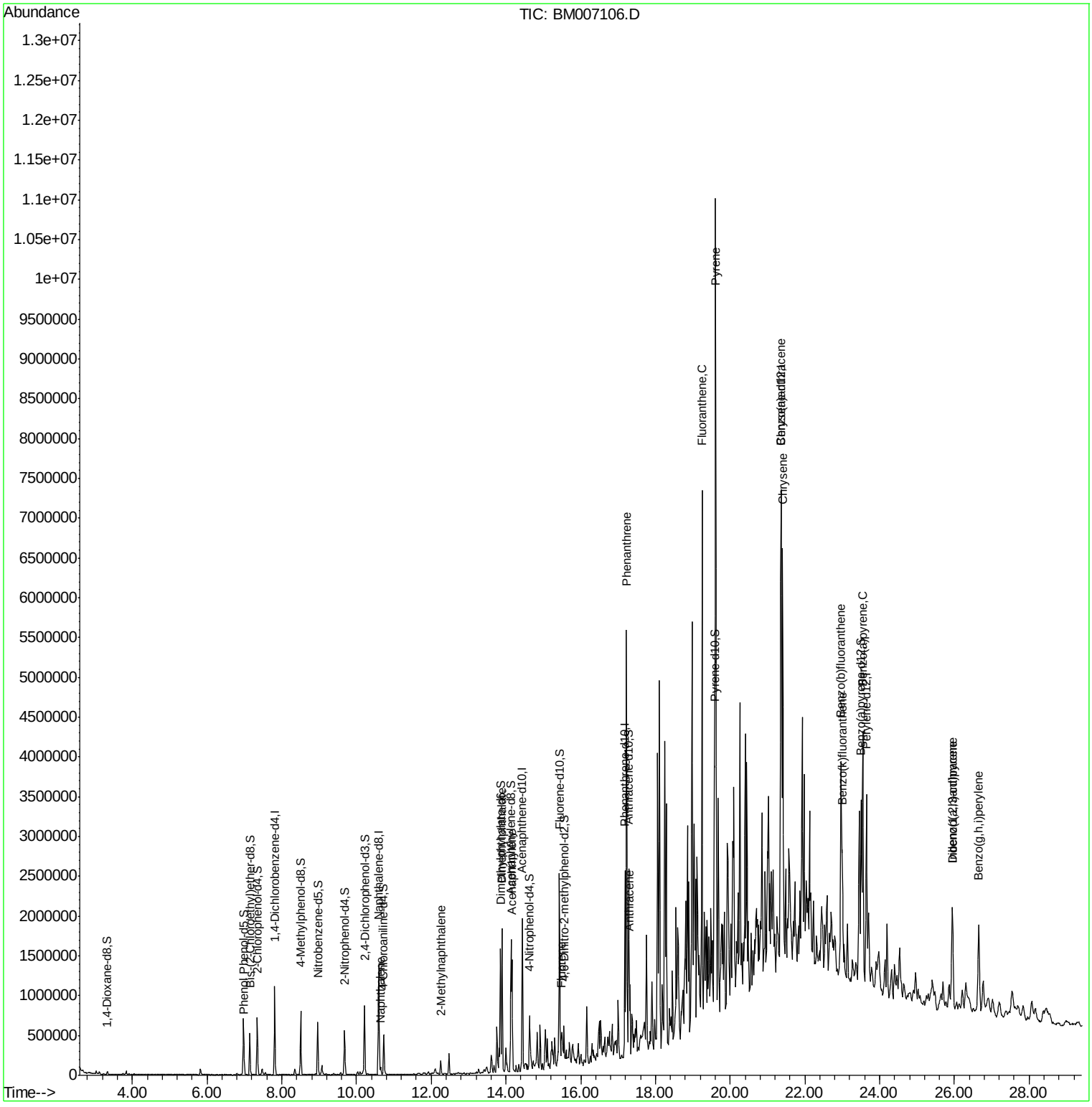
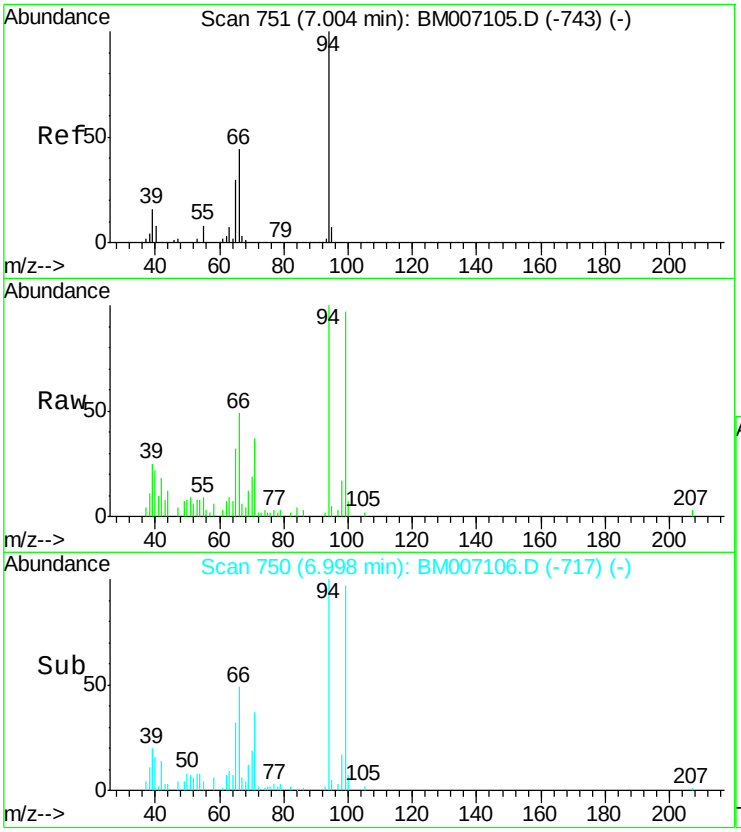
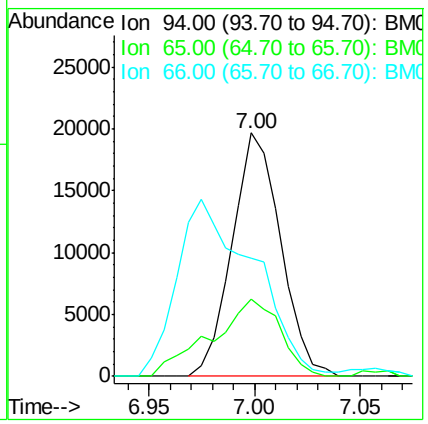




#6
Phenol
Concen: 1.29 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion: 94 Resp: 31433

Ion	Ratio	Lower	Upper
94	100		
65	31.8	23.9	35.9
66	48.8	33.5	50.3



Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01

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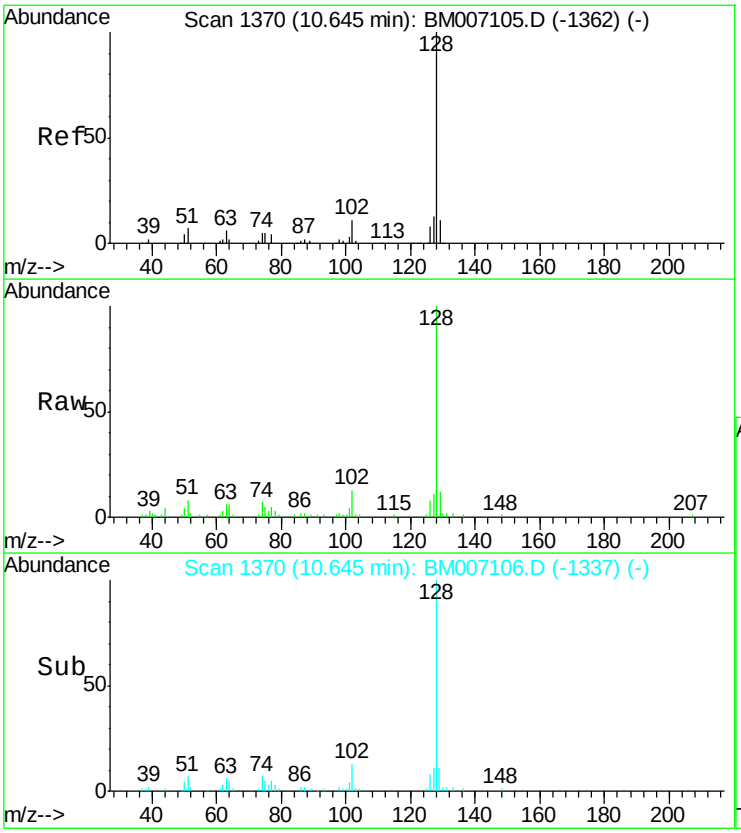
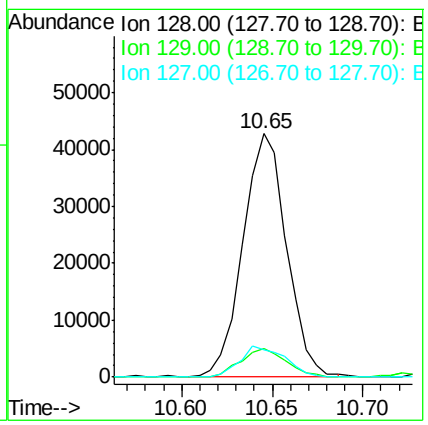
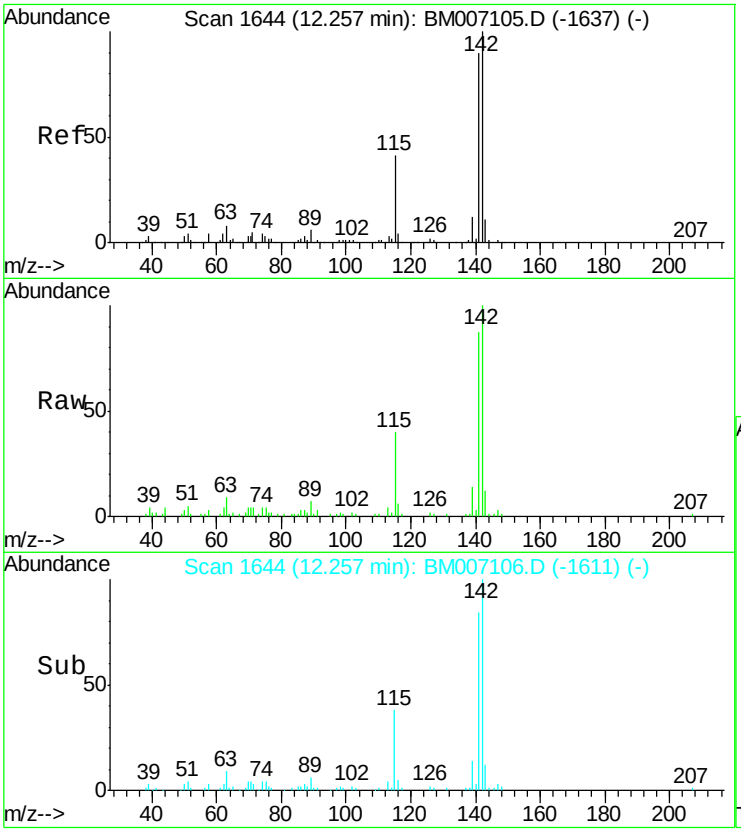


#28
Naphthalene
Concen: 1.29 ng/ul
RT: 10.65 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:128 Resp: 71556

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	11.4	10.6	15.8





#34
2-Methylnaphthalene
Concen: 1.85 ng/ul
RT: 12.26 min Scan# 1644
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:142 Resp: 79078

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9

Instrument :
BNA_M
ClientSampleId :
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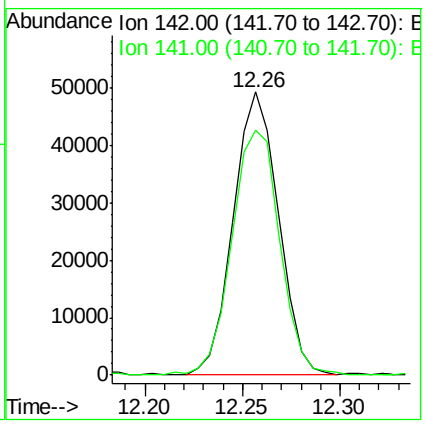
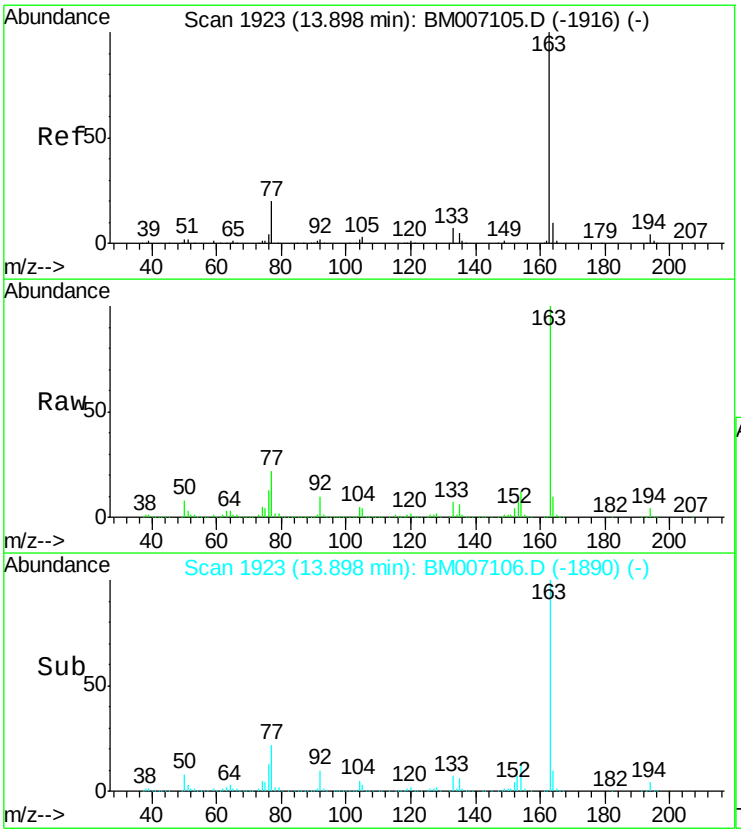
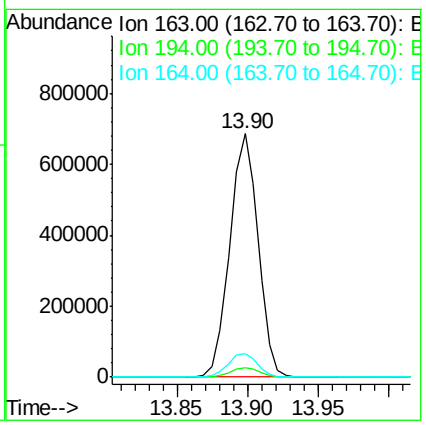


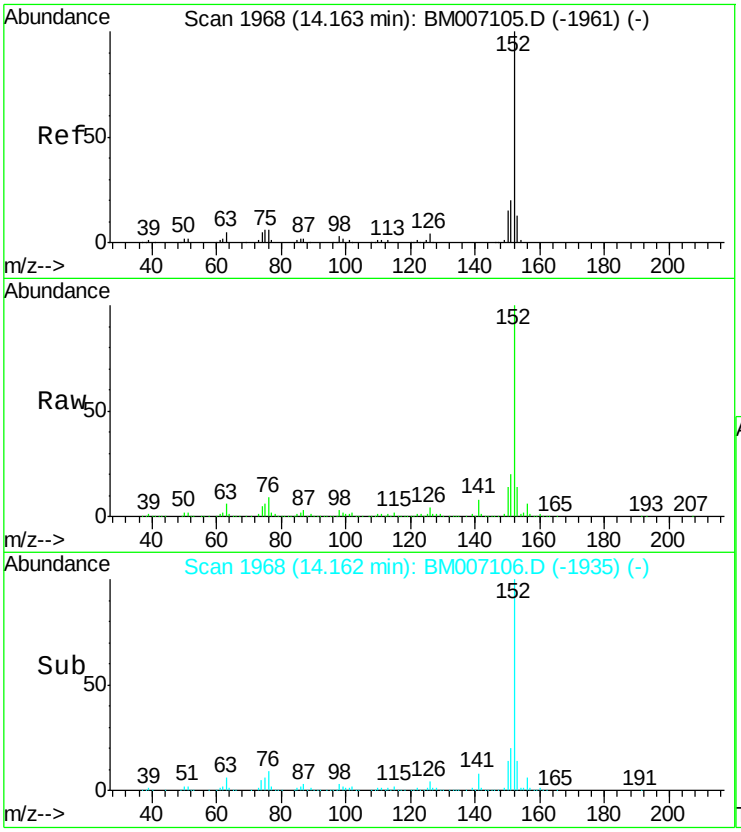


#44
Dimethylphthalate
Concen: 18.30 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:163 Resp: 953091

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.7	7.8	11.8

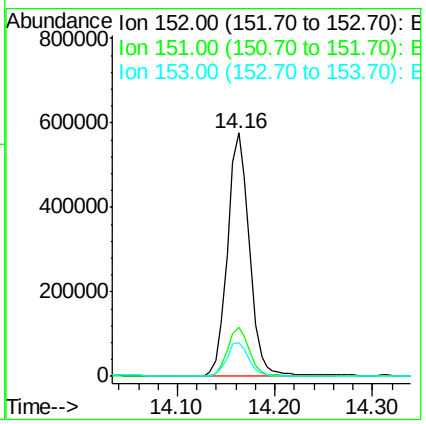




#47
Acenaphthylene
Concen: 14.01 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:152 Resp: 902777

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.9	11.0	16.6



Instrument :
BNA_M
ClientSampleId :
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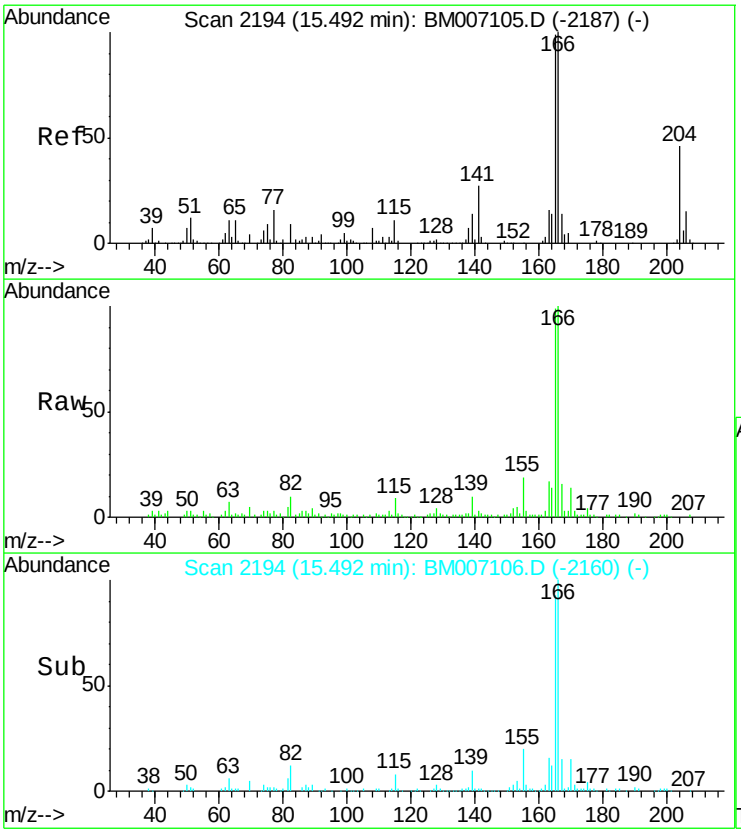
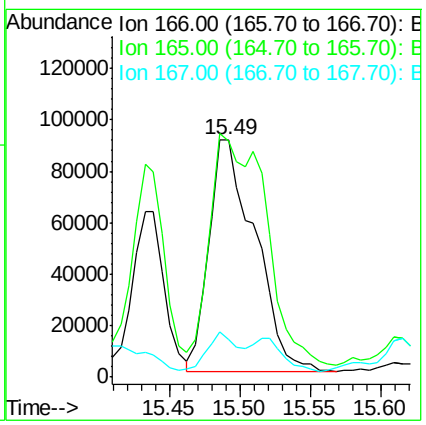
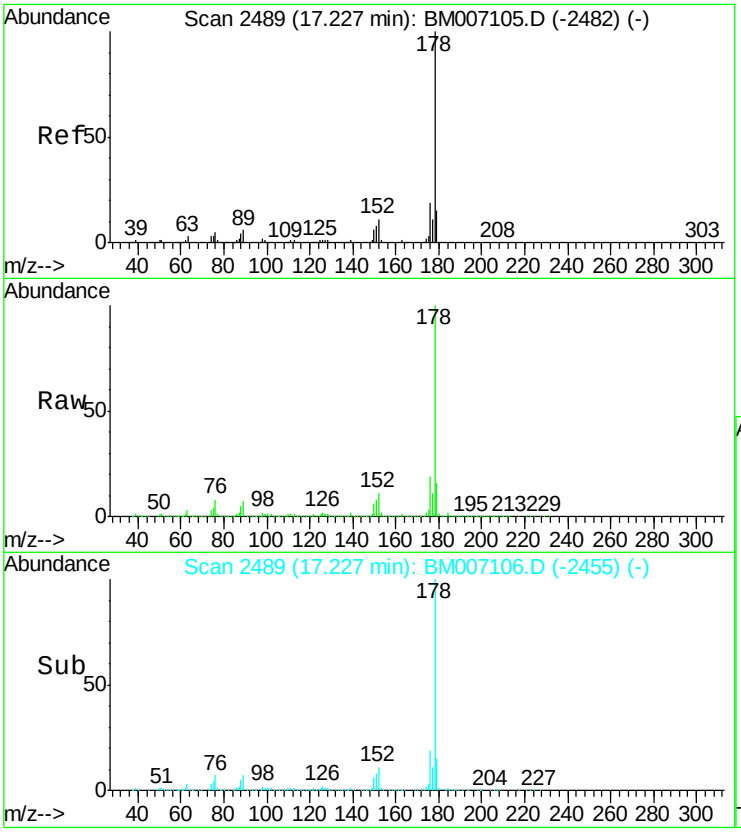


#58
Fluorene
Concen: 4.12 ng/ul
RT: 15.49 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:166 Resp: 206424

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.9	119.9
167	15.6	10.5	15.7

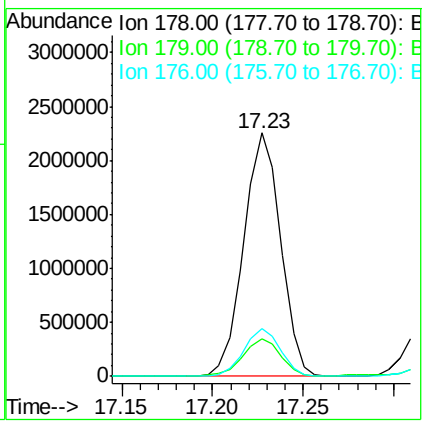




#69
Phenanthrene
Concen: 41.48 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:178 Resp: 3182491

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.4	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
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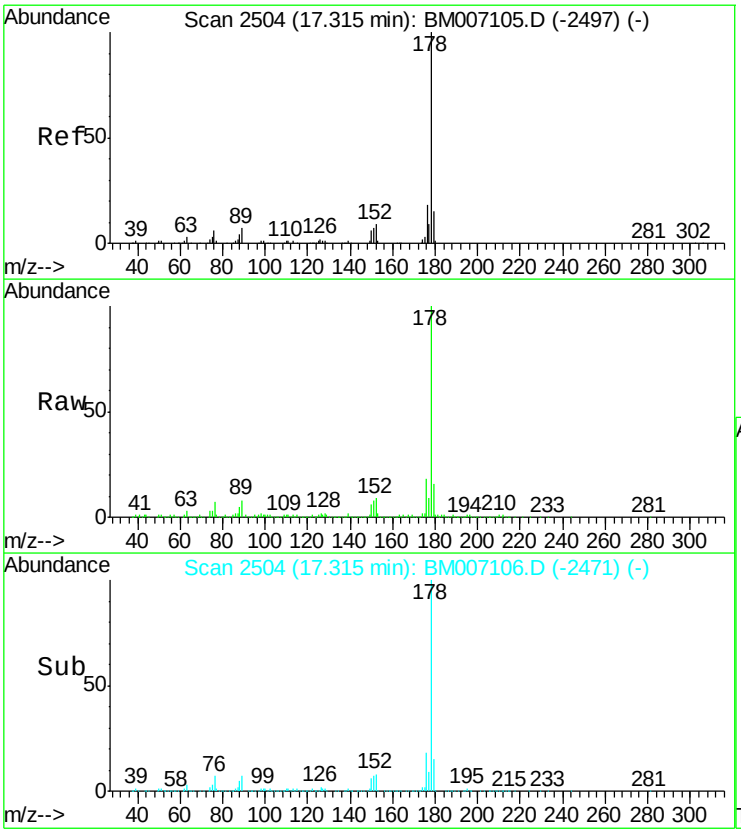
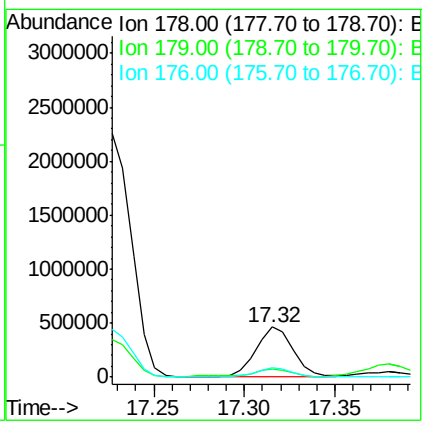
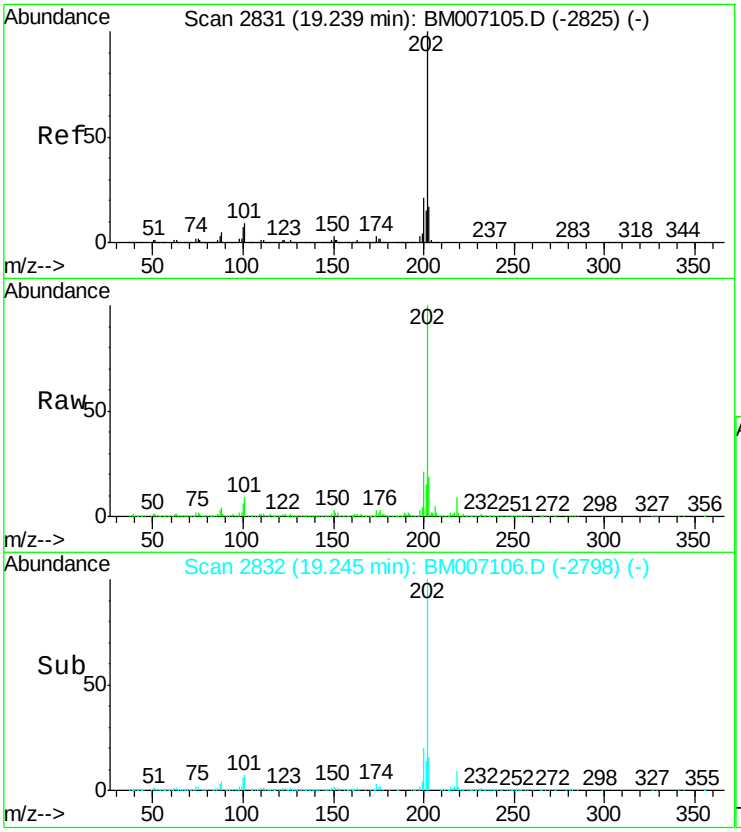


#71
Anthracene
Concen: 8.19 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:178 Resp: 645229

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.3	14.5	21.7

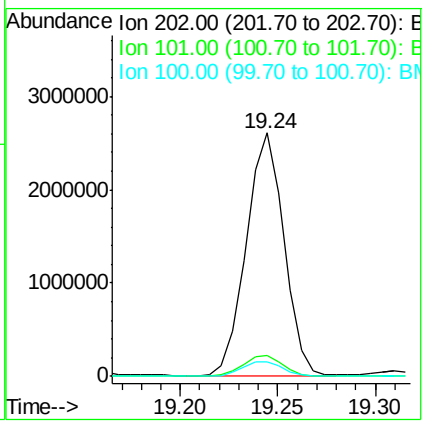




#74
Fluoranthene
Concen: 37.39 ng/ul
RT: 19.24 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:202 Resp: 3479814

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	6.2	5.4	8.0



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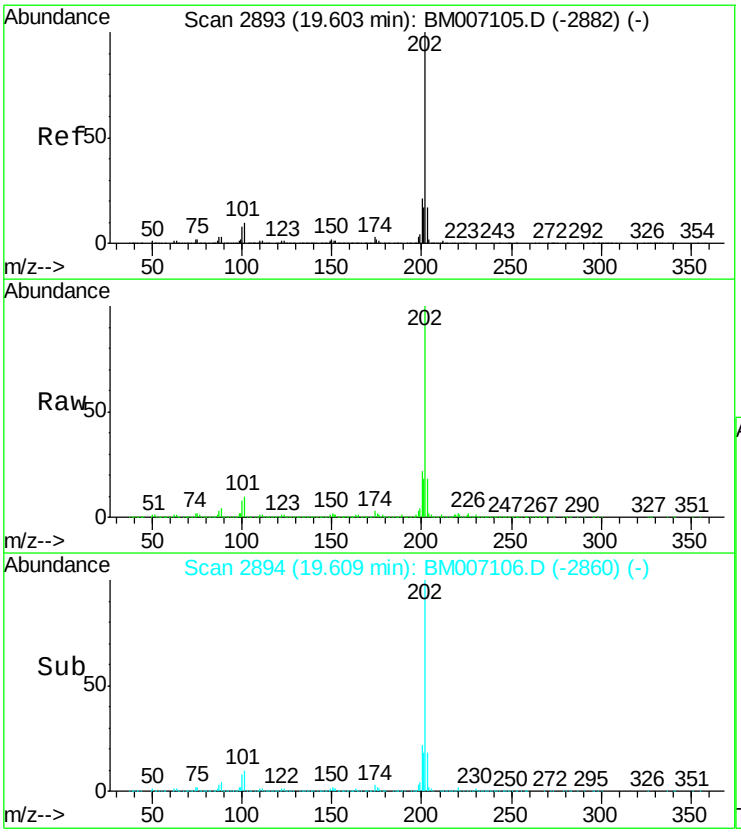
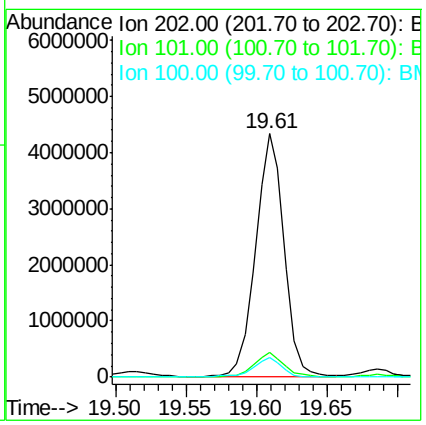
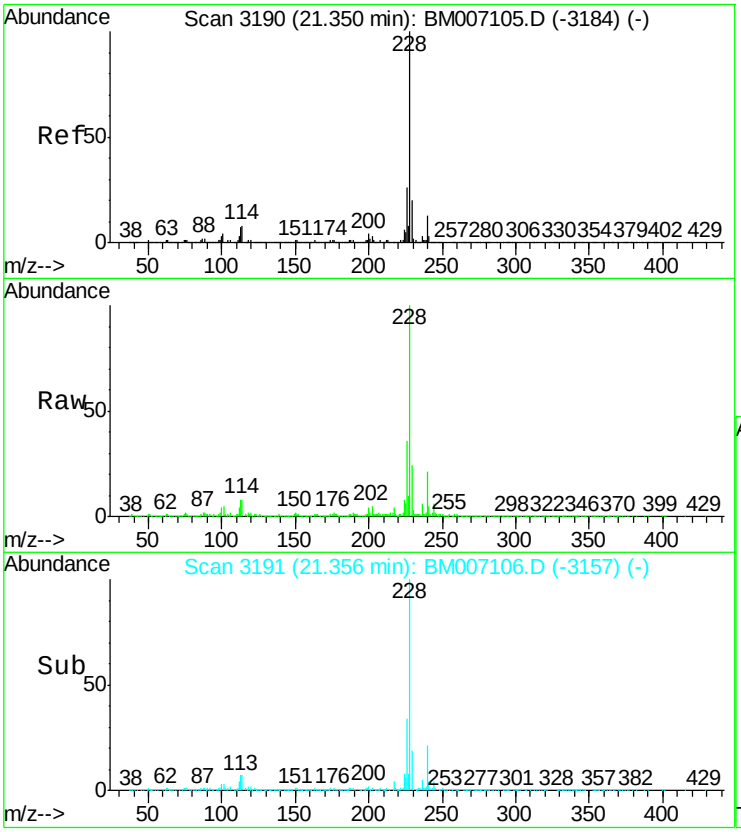


#77
Pyrene
Concen: 63.15 ng/ul
RT: 19.61 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:202 Resp: 6062904

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	8.1	6.9	10.3

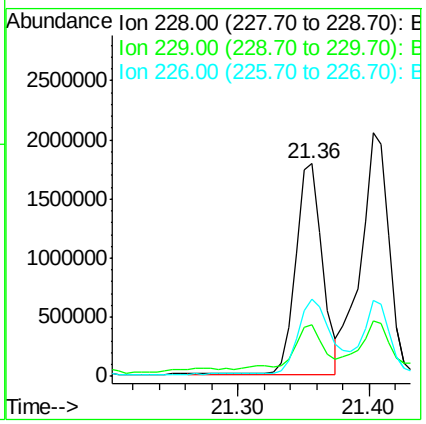




#80
Benzo(a)anthracene
Concen: 24.68 ng/ul m
RT: 21.36 min Scan# 3191
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:228 Resp: 2532085

Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.6	23.4#
226	36.3	21.8	32.8#



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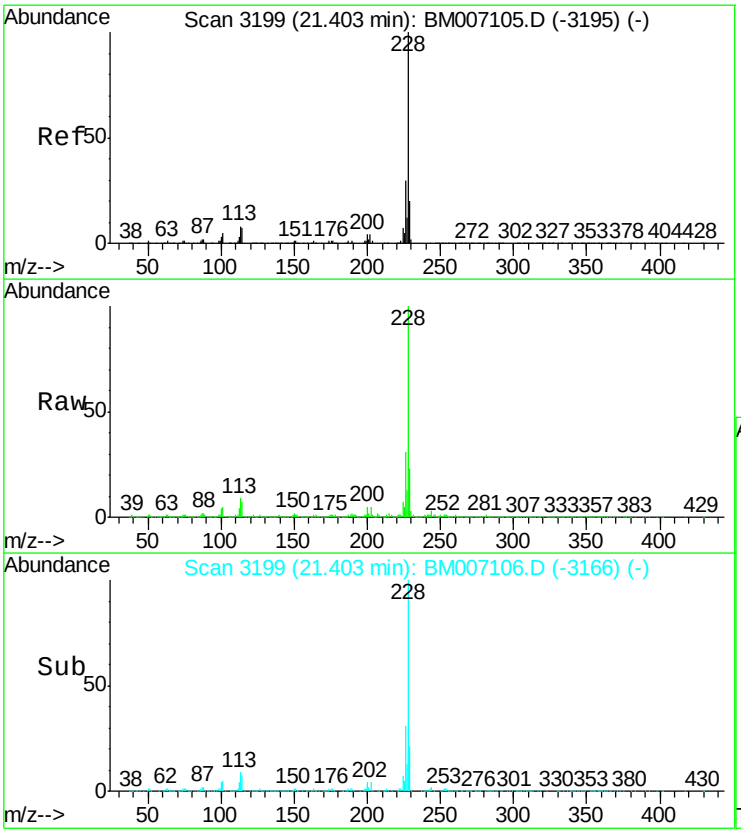
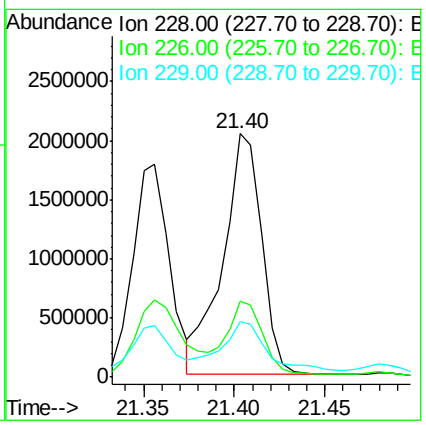
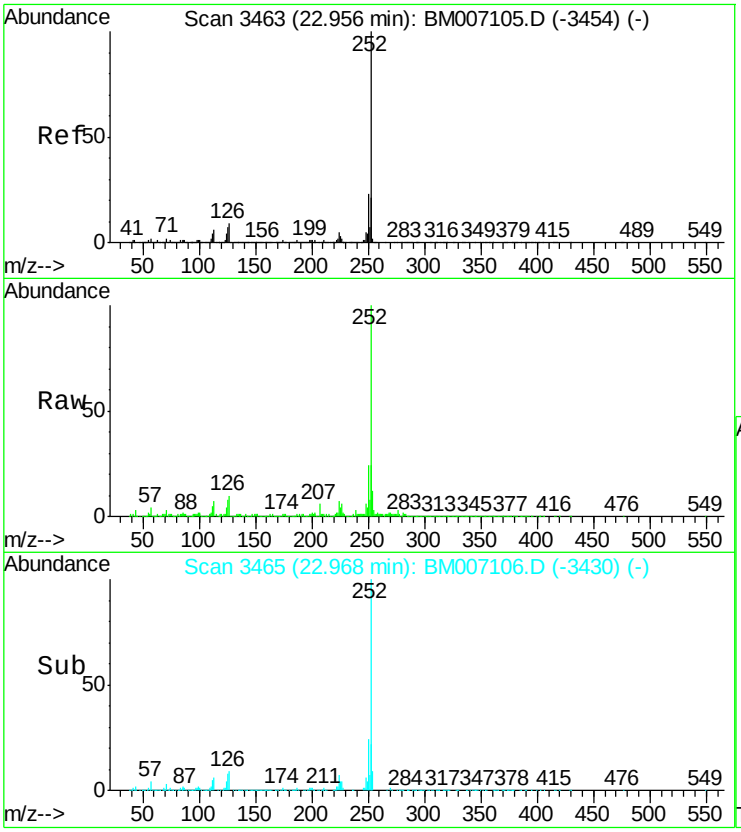


#82
Chrysene
Concen: 32.71 ng/ul
RT: 21.40 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:228 Resp: 3066625

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	22.8	15.5	23.3

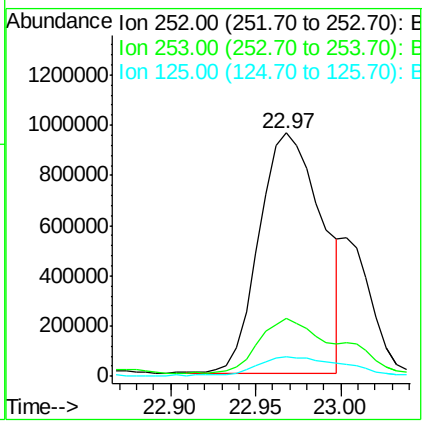




#85
Benzo(b)fluoranthene
Concen: 20.90 ng/ul m
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:252 Resp: 2465339

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.2	5.8	8.8



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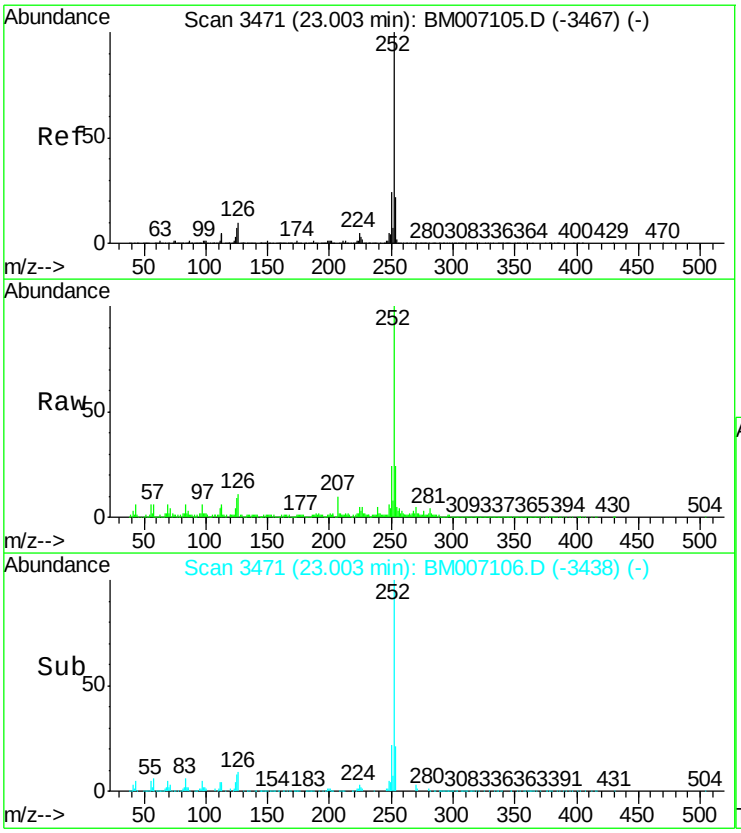
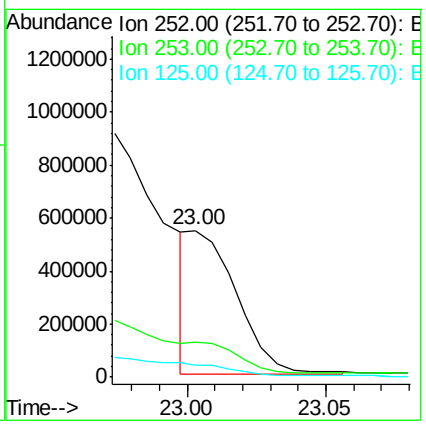
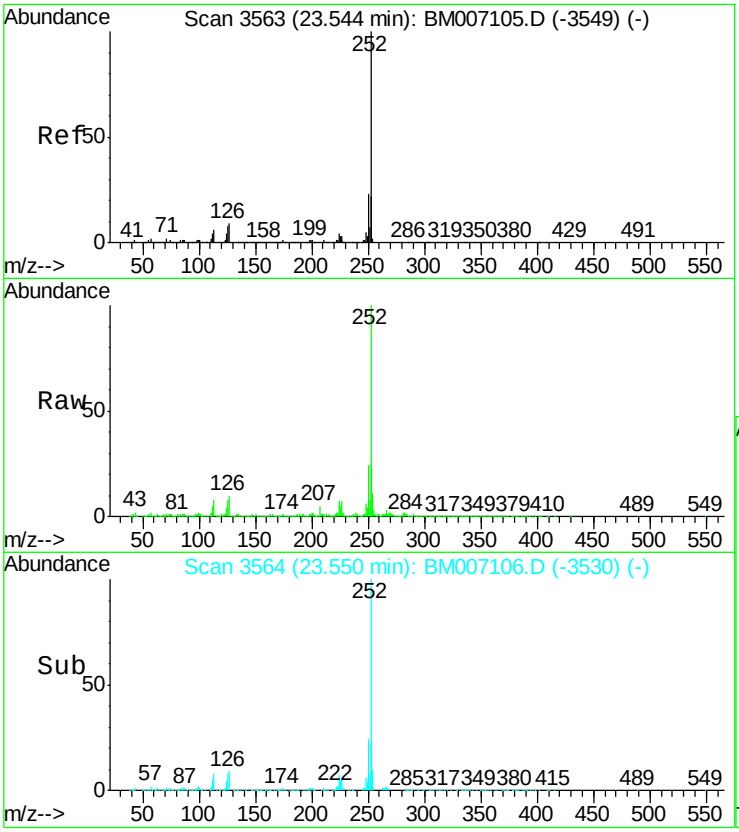


#86
Benzo(k)fluoranthene
Concen: 5.84 ng/ul m
RT: 23.00 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:252 Resp: 647458

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.5	5.7	8.5





#88
Benzo(a)pyrene
Concen: 19.91 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:252 Resp: 2226414

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	7.8	6.6	9.8

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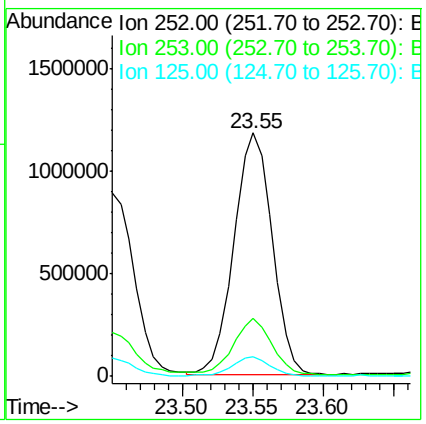
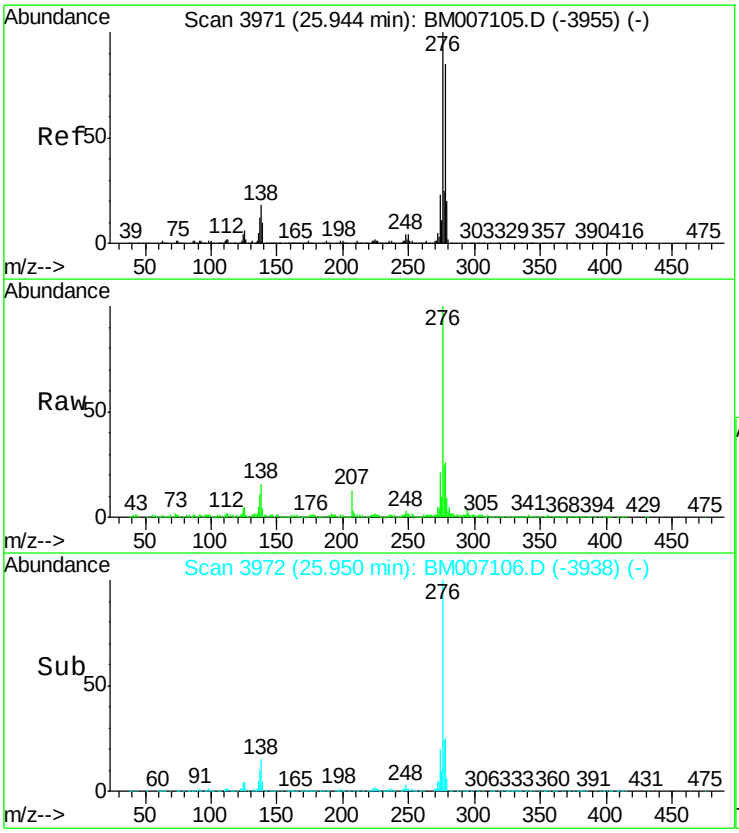
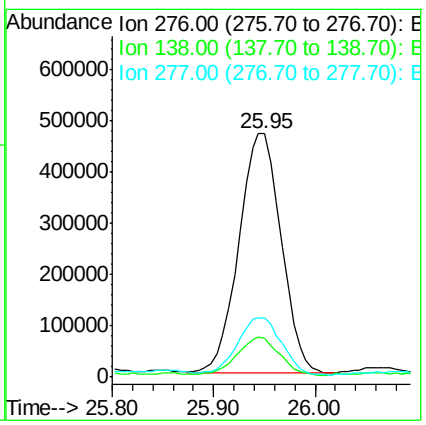


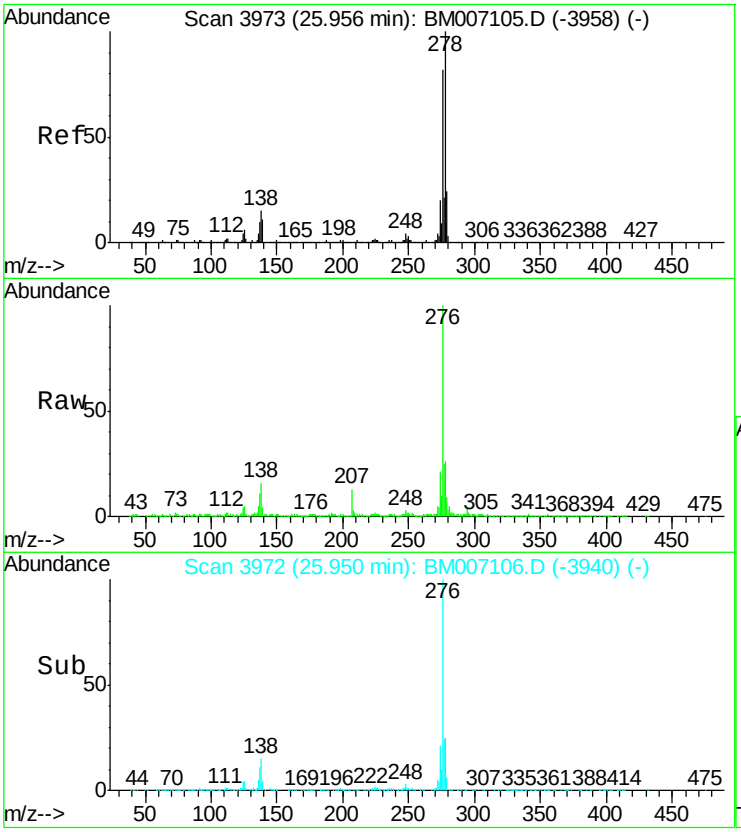


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.87 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:276 Resp: 1352496

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.9	20.9
277	24.6	20.1	30.1





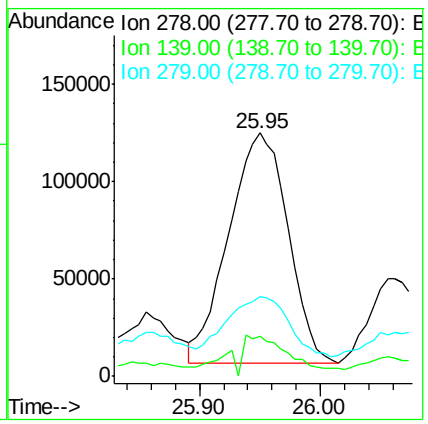
#90
Dibenzo(a,h)anthracene
Concen: 3.52 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

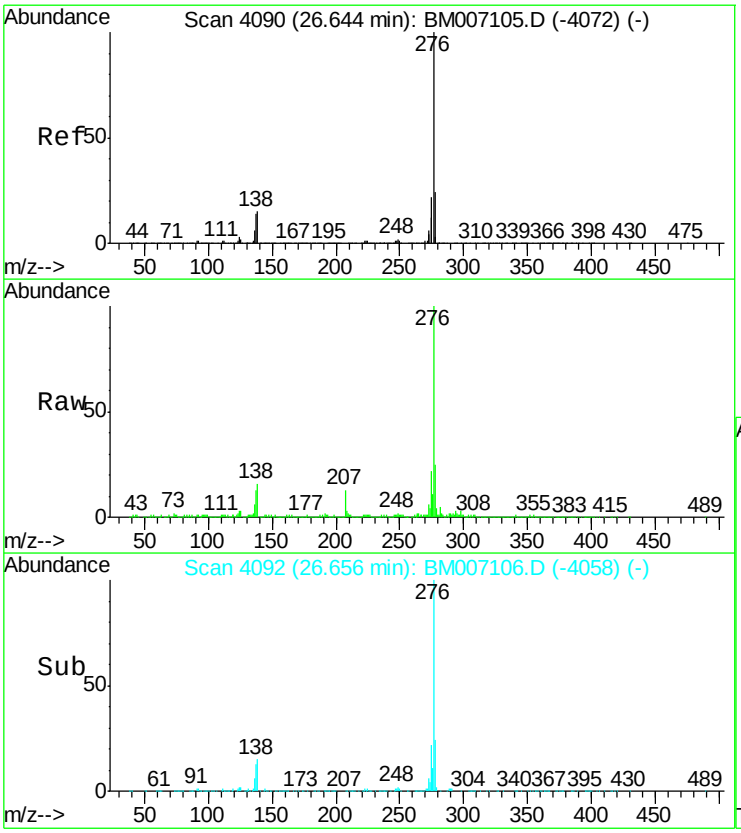
Tgt Ion:278 Resp: 404636

Ion	Ratio	Lower	Upper
278	100		
139	16.2	9.5	14.3#
279	32.8	19.1	28.7#

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01

Manual Integrations APPROVED
sohil
8/15/2016 6:55:30 PM





#91
Benzo(g,h,i)perylene
Concen: 12.83 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. -0.00 min
Lab File: BM007106.D
Acq: 14 Aug 2016 14:04

Tgt Ion:276 Resp: 1486288

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.5	20.3
277	24.7	19.3	28.9